

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

10/11/2025

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	43.44	35.87	26.73	35.64	32.40	33.47	38.82	43.11	40.32	39.76	35.52	33.75	32.25	34.21	32.31	29.22	36.13	39.82	43.74	43.88	42.80	43.86	34.46	32.87
24138	1.76	1.45	1.10	1.37	1.26	1.38	1.64	1.66	1.86	1.87	1.75	1.75	1.67	1.79	1.59	1.41	1.59	1.48	1.59	1.60	1.55	1.64	1.52	1.45
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	43.40	35.80	26.69	35.58	32.36	33.44	38.79	43.09	40.29	39.74	35.49	33.71	32.21	34.18	32.30	29.20	36.13	39.85	43.80	43.94	42.86	43.91	34.48	32.86
24260	1.72	1.39	1.07	1.32	1.22	1.35	1.60	1.64	1.83	1.85	1.73	1.72	1.63	1.76	1.58	1.39	1.59	1.51	1.65	1.66	1.61	1.69	1.54	1.44
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	43.40	35.80	26.69	35.58	32.36	33.44	38.79	43.09	40.29	39.74	35.49	33.71	32.21	34.18	32.30	29.20	36.13	39.85	43.80	43.94	42.86	43.91	34.48	32.86
24261	1.72	1.39	1.07	1.32	1.22	1.35	1.60	1.64	1.83	1.85	1.73	1.72	1.63	1.76	1.58	1.39	1.59	1.51	1.65	1.66	1.61	1.69	1.54	1.44
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	43.40	35.68	26.69	35.60	32.36	33.45	38.86	43.43	40.00	38.84	34.23	32.36	30.90	32.81	31.21	28.36	35.84	39.96	44.07	44.24	43.30	44.21	34.43	32.71
24011	1.72	1.27	1.06	1.33	1.23	1.36	1.67	1.98	1.53	0.95	0.46	0.36	0.33	0.38	0.49	0.55	1.31	1.62	1.92	1.97	2.05	1.99	1.48	1.28
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	43.64	35.80	26.80	35.76	32.52	33.63	39.11	43.74	40.21	38.89	34.23	32.41	30.93	32.84	31.31	28.45	36.02	40.16	44.32	44.53	43.62	44.51	34.62	32.86
23798	1.96	1.39	1.18	1.50	1.38	1.54	1.92	2.29	1.75	1.00	0.46	0.41	0.36	0.42	0.60	0.64	1.48	1.82	2.16	2.25	2.37	2.29	1.67	1.43
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	43.40	35.68	26.69	35.60	32.36	33.45	38.86	43.43	40.00	38.84	34.23	32.36	30.90	32.81	31.21	28.36	35.84	39.96	44.07	44.24	43.30	44.21	34.43	32.71
24028	1.72	1.27	1.06	1.33	1.23	1.36	1.67	1.98	1.53	0.95	0.46	0.36	0.33	0.38	0.49	0.55	1.31	1.62	1.92	1.97	2.05	1.99	1.48	1.28
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	42.78	35.15	26.31	35.04	31.85	32.98	38.32	42.89	39.67	38.69	34.11	32.25	30.85	32.76	31.13	28.25	35.59	39.45	43.38	43.54	42.67	43.63	34.04	32.38
23527	1.10	0.74	0.68	0.77	0.72	0.89	1.13	1.44	1.20	0.80	0.34	0.26	0.27	0.34	0.41	0.44	1.06	1.11	1.23	1.26	1.42	1.41	1.09	0.95
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	41.52	34.27	25.64	34.10	31.05	32.09	37.22	41.58	38.57	37.82	33.51	31.71	30.37	32.23	30.57	27.74	34.64	38.28	42.05	42.19	41.27	42.24	33.05	31.48
24190	-0.16	-0.14	0.02	-0.16	-0.09	0.00	0.03	0.13	0.10	-0.07	-0.26	-0.28	-0.21	-0.19	-0.14	-0.07	0.10	-0.06	-0.11	-0.09	0.03	0.01	0.10	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	42.09	34.74	25.83	34.62	31.42	32.31	37.59	42.00	39.02	38.50	34.37	32.57	31.12	33.02	31.26	28.27	34.98	38.84	42.83	42.96	41.84	42.82	33.34	31.79
355683	0.40	0.33	0.20	0.35	0.29	0.22	0.41	0.54	0.56	0.61	0.60	0.58	0.54	0.60	0.54	0.46	0.44	0.50	0.68	0.68	0.59	0.60	0.39	0.37
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	42.50	35.04	26.19	34.88	31.72	32.78	38.03	42.44	39.15	38.15	33.80	31.98	30.61	32.45	30.89	28.15	35.24	39.13	42.98	43.09	42.14	43.13	33.70	32.11
323833	0.82	0.63	0.56	0.61	0.59	0.69	0.84	0.99	0.68	0.26	0.04	-0.01	0.03	0.03	0.17	0.34	0.70	0.79	0.83	0.81	0.89	0.91	0.76	0.69
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	42.49	35.03	26.17	34.86	31.71	32.77	38.01	42.43	39.14	38.14	33.79	31.98	30.60	32.45	30.89	28.14	35.23	39.12	42.96	43.08	42.13	43.13	33.70	32.11
323834	0.81	0.61	0.55	0.60	0.58	0.68	0.82	0.98	0.67	0.25	0.03	-0.02	0.03	0.03	0.17	0.33	0.69	0.77	0.81	0.80	0.88	0.91	0.75	0.68
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	41.52	34.27	25.64	34.10	31.05	32.09	37.22	41.58	38.57	37.82	33.51	31.71	30.37	32.23	30.57	27.74	34.64	38.28	42.05	42.19	41.27	42.24	33.05	31.48
23571	-0.16	-0.14	0.02	-0.16	-0.09	0.00	0.03	0.13	0.10	-0.07	-0.26	-0.28	-0.21	-0.19	-0.14	-0.07	0.10	-0.06	-0.11	-0.09	0.03	0.01	0.10	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 23572	41.52 -0.16 0.00	34.27 -0.14 0.00	25.64 0.02 0.00	34.10 -0.16 0.00	31.05 -0.09 0.00	32.09 0.00 0.00	37.22 0.03 0.00	41.58 0.13 0.00	38.57 0.10 0.00	37.82 -0.07 0.00	33.51 -0.26 0.00	31.71 -0.28 0.00	30.37 -0.21 0.00	32.23 -0.19 0.00	30.57 -0.14 0.00	27.74 -0.07 0.00	34.64 0.10 0.00	38.28 -0.06 0.00	42.05 -0.11 0.00	42.19 -0.09 0.00	41.27 0.03 0.00	42.24 0.01 0.00	33.05 0.10 0.00	31.48 0.05 0.00
ALBANY___3 23573	41.52 -0.16 0.00	34.27 -0.14 0.00	25.64 0.02 0.00	34.10 -0.16 0.00	31.05 -0.09 0.00	32.09 0.00 0.00	37.22 0.03 0.00	41.58 0.13 0.00	38.57 0.10 0.00	37.82 -0.07 0.00	33.51 -0.26 0.00	31.71 -0.28 0.00	30.37 -0.21 0.00	32.23 -0.19 0.00	30.57 -0.14 0.00	27.74 -0.07 0.00	34.64 0.10 0.00	38.28 -0.06 0.00	42.05 -0.11 0.00	42.19 -0.09 0.00	41.27 0.03 0.00	42.24 0.01 0.00	33.05 0.10 0.00	31.48 0.05 0.00
ALBANY___4 23574	41.52 -0.16 0.00	34.27 -0.14 0.00	25.64 0.02 0.00	34.10 -0.16 0.00	31.05 -0.09 0.00	32.09 0.00 0.00	37.22 0.03 0.00	41.58 0.13 0.00	38.57 0.10 0.00	37.82 -0.07 0.00	33.51 -0.26 0.00	31.71 -0.28 0.00	30.37 -0.21 0.00	32.23 -0.19 0.00	30.57 -0.14 0.00	27.74 -0.07 0.00	34.64 0.10 0.00	38.28 -0.06 0.00	42.05 -0.11 0.00	42.19 -0.09 0.00	41.27 0.03 0.00	42.24 0.01 0.00	33.05 0.10 0.00	31.48 0.05 0.00
ALBANY___LFGE 323615	41.96 0.28 0.00	34.62 0.21 0.00	25.88 0.26 0.00	34.44 0.18 0.00	31.35 0.21 0.00	32.40 0.32 0.00	37.59 0.41 0.00	41.98 0.53 0.00	38.93 0.46 0.00	38.16 0.27 0.00	33.81 0.05 0.00	32.00 0.01 0.00	30.65 0.07 0.00	32.52 0.09 0.00	30.85 0.13 0.00	28.00 0.18 0.00	35.00 0.46 0.00	38.72 0.38 0.00	42.52 0.37 0.00	42.65 0.37 0.00	41.73 0.48 0.00	42.69 0.47 0.00	33.39 0.44 0.00	31.79 0.36 0.00
ALCOA_PA_115KV_PL-6C 55860	42.26 0.58 0.00	34.89 0.47 0.00	25.93 0.31 0.00	34.76 0.49 0.00	31.54 0.40 0.00	32.19 0.10 0.00	37.70 0.52 0.00	42.18 0.73 0.00	39.17 0.70 0.00	38.64 0.75 0.00	34.48 0.71 0.00	32.67 0.67 0.00	31.21 0.63 0.00	33.12 0.70 0.00	31.34 0.63 0.00	28.35 0.54 0.00	35.08 0.55 0.00	38.99 0.65 0.00	43.05 0.90 0.00	43.20 0.92 0.00	42.06 0.81 0.00	43.04 0.82 0.00	33.49 0.54 0.00	31.93 0.51 0.00
ALCOA_RYNLDS___DRP 24188	42.26 0.58 0.00	34.89 0.47 0.00	25.93 0.31 0.00	34.76 0.49 0.00	31.54 0.40 0.00	32.19 0.10 0.00	37.70 0.52 0.00	42.18 0.73 0.00	39.17 0.70 0.00	38.64 0.75 0.00	34.48 0.71 0.00	32.67 0.67 0.00	31.21 0.63 0.00	33.12 0.70 0.00	31.34 0.63 0.00	28.35 0.54 0.00	35.08 0.55 0.00	38.99 0.65 0.00	43.05 0.90 0.00	43.20 0.92 0.00	42.06 0.81 0.00	43.04 0.82 0.00	33.49 0.54 0.00	31.93 0.51 0.00
ALCOA___DSASP 323711	42.26 0.58 0.00	34.89 0.47 0.00	25.93 0.31 0.00	34.76 0.49 0.00	31.54 0.40 0.00	32.19 0.10 0.00	37.70 0.52 0.00	42.18 0.73 0.00	39.17 0.70 0.00	38.64 0.75 0.00	34.48 0.71 0.00	32.67 0.67 0.00	31.21 0.64 0.00	33.12 0.70 0.00	31.35 0.63 0.00	28.35 0.54 0.00	35.08 0.55 0.00	38.99 0.65 0.00	43.05 0.90 0.00	43.20 0.92 0.00	42.06 0.81 0.00	43.04 0.82 0.00	33.49 0.54 0.00	31.93 0.51 0.00
ALLEGHENY___COGEN 23514	42.50 0.82 0.00	35.18 0.77 0.00	26.10 0.47 0.00	35.02 0.76 0.00	31.71 0.58 0.00	32.71 0.62 0.00	37.80 0.61 0.00	42.13 0.68 0.00	39.43 0.97 0.00	39.27 1.38 0.00	35.26 1.49 0.00	33.29 1.30 0.00	31.84 1.27 0.00	33.70 1.28 0.00	32.00 1.28 0.00	28.83 1.02 0.00	35.56 1.02 0.00	39.69 1.35 0.00	43.42 1.27 0.00	43.29 1.01 0.00	41.96 0.71 0.00	42.91 0.69 0.00	33.45 0.51 0.00	32.18 0.75 0.00
ALTAMONT_115KV_TB 2 55880	42.02 0.34 0.00	34.67 0.26 0.00	25.88 0.26 0.00	34.50 0.24 0.00	31.37 0.24 0.00	32.41 0.32 0.00	37.58 0.39 0.00	41.92 0.47 0.00	38.91 0.45 0.00	38.20 0.31 0.00	33.93 0.16 0.00	32.14 0.14 0.00	30.75 0.17 0.00	32.62 0.20 0.00	30.91 0.19 0.00	28.01 0.20 0.00	34.91 0.37 0.00	38.67 0.33 0.00	42.45 0.30 0.00	42.60 0.32 0.00	41.67 0.42 0.00	42.66 0.44 0.00	33.35 0.40 0.00	31.78 0.36 0.00
ALTONA_WT_PWR 323606	41.30 -0.38 0.00	33.86 -0.55 0.00	25.38 -0.25 0.00	34.23 -0.03 0.00	31.49 0.35 0.00	32.42 0.33 0.00	37.98 0.79 0.00	42.80 1.35 0.00	39.91 1.44 0.00	39.41 1.52 0.00	35.08 1.32 0.00	33.30 1.30 0.00	31.70 1.13 0.00	33.60 1.18 0.00	31.79 1.08 0.00	28.84 1.03 0.00	35.83 1.29 0.00	39.65 1.30 0.00	43.72 1.57 0.00	43.79 1.51 0.00	42.80 1.55 0.00	43.72 1.50 0.00	33.99 1.05 0.00	32.27 0.84 0.00
AMERICAN_REF_FUEL 24010	40.78 -0.90 0.00	33.79 -0.62 0.00	24.97 -0.66 0.00	33.68 -0.59 0.00	30.46 -0.67 0.00	31.22 -0.87 0.00	35.49 -1.70 0.00	39.13 -2.32 0.00	36.61 -1.86 0.00	36.67 -1.22 0.00	33.36 -0.41 0.00	31.65 -0.34 0.00	30.33 -0.25 0.00	31.90 -0.52 0.00	30.39 -0.32 0.00	27.27 -0.55 0.00	32.68 -1.86 0.00	36.19 -2.16 0.00	39.36 -2.79 0.00	39.26 -3.02 0.00	37.94 -3.31 0.00	39.11 -3.11 0.00	31.00 -1.95 0.00	30.48 -0.94 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	39.72 -1.96 0.00	32.91 -1.50 0.00	24.33 -1.30 0.00	32.85 -1.42 0.00	29.82 -1.32 0.00	30.56 -1.53 0.00	35.02 -2.17 0.00	39.21 -2.25 0.00	36.84 -1.63 0.00	37.25 -0.64 0.00	33.88 0.11 0.00	32.22 0.22 0.00	30.86 0.29 0.00	32.55 0.13 0.00	31.08 0.36 0.00	27.99 0.18 0.00	33.88 -0.66 0.00	37.82 -0.52 0.00	41.12 -1.03 0.00	40.80 -1.48 0.00	39.24 -2.01 0.00	39.59 -2.63 0.00	31.02 -1.93 0.00	30.45 -0.98 0.00
ARTHUR KILL_GT_1 23520	42.86 1.18 0.00	35.50 1.09 0.00	26.57 0.94 0.00	35.39 1.13 0.00	32.19 1.06 0.00	33.32 1.23 0.00	38.64 1.45 0.00	42.75 1.29 0.00	40.13 1.66 0.00	39.51 1.62 0.00	35.29 1.52 0.00	33.45 1.45 0.00	31.87 1.30 0.00	33.82 1.40 0.00	31.94 1.23 0.00	28.89 1.08 0.00	35.63 1.09 0.00	39.16 0.82 0.00	43.10 0.95 0.00	43.30 1.02 0.00	42.28 1.03 0.00	43.31 1.09 0.00	34.21 1.26 0.00	32.66 1.23 0.00
ARTHUR_KILL_2 23512	42.75 1.07 0.00	35.40 0.99 0.00	26.50 0.87 0.00	35.31 1.04 0.00	32.11 0.97 0.00	33.23 1.14 0.00	38.55 1.36 0.00	42.63 1.18 0.00	40.04 1.57 0.00	39.41 1.51 0.00	35.20 1.43 0.00	33.35 1.35 0.00	31.79 1.22 0.00	33.73 1.30 0.00	31.86 1.14 0.00	28.81 1.00 0.00	35.53 0.99 0.00	39.05 0.71 0.00	42.97 0.82 0.00	43.18 0.90 0.00	42.16 0.91 0.00	43.18 0.96 0.00	34.11 1.16 0.00	32.57 1.14 0.00
ARTHUR_KILL_3 23513	42.94 1.25 0.00	35.43 1.01 0.00	26.41 0.78 0.00	35.20 0.93 0.00	32.02 0.88 0.00	33.06 0.97 0.00	38.36 1.18 0.00	42.60 1.15 0.00	39.83 1.37 0.00	39.30 1.40 0.00	35.10 1.33 0.00	33.34 1.35 0.00	31.87 1.30 0.00	33.82 1.40 0.00	31.94 1.23 0.00	28.89 1.08 0.00	35.72 1.19 0.00	39.42 1.08 0.00	43.33 1.17 0.00	43.47 1.19 0.00	42.39 1.14 0.00	43.41 1.19 0.00	34.12 1.17 0.00	32.53 1.10 0.00

ARTHUR_KILL_COGEN 323718	42.85 1.17 0.00	35.50 1.09 0.00	26.56 0.94 0.00	35.39 1.13 0.00	32.19 1.05 0.00	33.32 1.23 0.00	38.65 1.46 0.00	42.74 1.29 0.00	40.14 1.67 0.00	39.51 1.61 0.00	35.29 1.52 0.00	33.45 1.45 0.00	31.87 1.30 0.00	33.82 1.40 0.00	31.94 1.23 0.00	28.89 1.08 0.00	35.62 1.09 0.00	39.16 0.82 0.00	43.10 0.95 0.00	43.30 1.02 0.00	42.28 1.03 0.00	43.30 1.08 0.00	34.21 1.26 0.00	32.65 1.23 0.00
ASHOKAN____ 23654	42.79 1.10 0.00	35.22 0.81 0.00	26.27 0.64 0.00	35.00 0.74 0.00	31.83 0.70 0.00	32.90 0.81 0.00	38.26 1.07 0.00	42.75 1.30 0.00	39.78 1.31 0.00	38.89 0.99 0.00	34.51 0.74 0.00	32.59 0.60 0.00	31.12 0.55 0.00	32.86 0.44 0.00	31.39 0.67 0.00	28.47 0.66 0.00	35.58 1.04 0.00	39.58 1.24 0.00	43.61 1.46 0.00	43.75 1.46 0.00	42.73 1.48 0.00	43.64 1.42 0.00	34.04 1.10 0.00	32.34 0.91 0.00
ASTORIA_EAST_ENERGY_CC1 323581	42.76 1.08 0.00	35.21 0.81 0.01	26.31 0.69 0.01	35.00 0.75 0.01	31.89 0.76 0.01	33.09 1.00 0.00	38.50 1.31 0.00	42.65 1.20 0.00	39.95 1.48 0.00	39.31 1.42 0.00	35.13 1.36 0.00	33.36 1.36 0.00	31.87 1.29 0.00	33.82 1.40 0.00	31.95 1.23 0.00	28.89 1.08 0.00	35.72 1.19 0.00	39.36 1.02 0.00	43.30 1.15 0.00	43.51 1.23 0.00	42.44 1.19 0.00	43.51 1.28 0.00	34.21 1.26 0.00	32.57 1.15 0.00
ASTORIA_EAST_ENERGY_CC2 323582	37.50 0.96 5.14	35.20 0.79 0.01	26.29 0.67 0.01	34.59 0.56 0.24	31.87 0.74 0.01	33.08 0.99 0.00	38.48 1.29 0.00	42.40 0.95 0.00	39.72 1.26 0.00	39.21 1.32 0.00	35.11 1.34 0.00	33.35 1.35 0.00	31.86 1.28 0.00	33.80 1.37 0.00	31.93 1.22 0.00	28.86 1.05 0.00	35.70 1.17 0.00	39.33 0.99 0.00	43.29 1.13 0.00	43.49 1.21 0.00	42.42 1.17 0.00	43.47 1.25 0.00	34.19 1.24 0.00	32.55 1.13 0.00
ASTORIA_GT2_1 24094	42.77 1.09 0.00	35.22 0.81 0.00	26.32 0.69 0.00	35.02 0.75 0.00	31.90 0.76 0.00	33.10 1.01 0.00	38.50 1.31 0.00	42.66 1.20 0.00	39.94 1.47 0.00	39.31 1.42 0.00	35.12 1.36 0.00	33.36 1.37 0.00	31.87 1.30 0.00	33.82 1.40 0.00	31.95 1.23 0.00	28.89 1.08 0.00	35.72 1.19 0.00	39.36 1.02 0.00	43.30 1.15 0.00	43.51 1.23 0.00	42.44 1.19 0.00	43.50 1.28 0.00	34.21 1.26 0.00	32.57 1.15 0.00
ASTORIA_GT2_2 24095	42.77 1.09 0.00	35.22 0.81 0.00	26.32 0.69 0.00	35.02 0.75 0.00	31.90 0.76 0.00	33.10 1.01 0.00	38.50 1.31 0.00	42.66 1.20 0.00	39.94 1.47 0.00	39.31 1.42 0.00	35.12 1.36 0.00	33.36 1.37 0.00	31.87 1.30 0.00	33.82 1.40 0.00	31.95 1.23 0.00	28.89 1.08 0.00	35.72 1.19 0.00	39.36 1.02 0.00	43.30 1.15 0.00	43.51 1.23 0.00	42.44 1.19 0.00	43.50 1.28 0.00	34.21 1.26 0.00	32.57 1.15 0.00
ASTORIA_GT2_3 24096	42.77 1.09 0.00	35.22 0.81 0.00	26.32 0.69 0.00	35.02 0.75 0.00	31.90 0.76 0.00	33.10 1.01 0.00	38.50 1.31 0.00	42.66 1.20 0.00	39.94 1.47 0.00	39.31 1.42 0.00	35.12 1.36 0.00	33.36 1.37 0.00	31.87 1.30 0.00	33.82 1.40 0.00	31.95 1.23 0.00	28.89 1.08 0.00	35.72 1.19 0.00	39.36 1.02 0.00	43.30 1.15 0.00	43.51 1.23 0.00	42.44 1.19 0.00	43.50 1.28 0.00	34.21 1.26 0.00	32.57 1.15 0.00
ASTORIA_GT2_4 24097	42.77 1.09 0.00	35.22 0.81 0.00	26.32 0.69 0.00	35.02 0.75 0.00	31.90 0.76 0.00	33.10 1.01 0.00	38.50 1.31 0.00	42.66 1.20 0.00	39.94 1.47 0.00	39.31 1.42 0.00	35.12 1.36 0.00	33.36 1.37 0.00	31.87 1.30 0.00	33.82 1.40 0.00	31.95 1.23 0.00	28.89 1.08 0.00	35.72 1.19 0.00	39.36 1.02 0.00	43.30 1.15 0.00	43.51 1.23 0.00	42.44 1.19 0.00	43.50 1.28 0.00	34.21 1.26 0.00	32.57 1.15 0.00
ASTORIA_GT3_1 24098	37.52 0.98 5.14	35.22 0.81 0.00	26.30 0.68 0.00	34.61 0.57 0.23	31.90 0.76 0.00	33.10 1.01 0.00	38.50 1.31 0.00	42.42 0.97 0.00	39.73 1.27 0.00	39.24 1.34 0.00	35.12 1.36 0.00	33.36 1.37 0.00	31.87 1.30 0.00	33.82 1.40 0.00	31.95 1.23 0.00	28.89 1.08 0.00	35.72 1.19 0.00	39.36 1.02 0.00	43.30 1.15 0.00	43.51 1.23 0.00	42.44 1.19 0.00	43.50 1.28 0.00	34.21 1.26 0.00	32.57 1.15 0.00
ASTORIA_GT3_2 24099	37.52 0.98 5.14	35.22 0.81 0.00	26.30 0.68 0.00	34.61 0.57 0.23	31.90 0.76 0.00	33.10 1.01 0.00	38.50 1.31 0.00	42.42 0.97 0.00	39.73 1.27 0.00	39.24 1.34 0.00	35.12 1.36 0.00	33.36 1.37 0.00	31.87 1.30 0.00	33.82 1.40 0.00	31.95 1.23 0.00	28.89 1.08 0.00	35.72 1.19 0.00	39.36 1.02 0.00	43.30 1.15 0.00	43.51 1.23 0.00	42.44 1.19 0.00	43.50 1.28 0.00	34.21 1.26 0.00	32.57 1.15 0.00
ASTORIA_GT3_3 24100	37.52 0.98 5.14	35.22 0.81 0.00	26.30 0.68 0.00	34.61 0.57 0.23	31.90 0.76 0.00	33.10 1.01 0.00	38.50 1.31 0.00	42.42 0.97 0.00	39.73 1.27 0.00	39.24 1.34 0.00	35.12 1.36 0.00	33.36 1.37 0.00	31.87 1.30 0.00	33.82 1.40 0.00	31.95 1.23 0.00	28.89 1.08 0.00	35.72 1.19 0.00	39.36 1.02 0.00	43.30 1.15 0.00	43.51 1.23 0.00	42.44 1.19 0.00	43.50 1.28 0.00	34.21 1.26 0.00	32.57 1.15 0.00
ASTORIA_GT3_4 24101	37.52 0.98 5.14	35.22 0.81 0.00	26.30 0.68 0.00	34.61 0.57 0.23	31.90 0.76 0.00	33.10 1.01 0.00	38.50 1.31 0.00	42.42 0.97 0.00	39.73 1.27 0.00	39.24 1.34 0.00	35.12 1.36 0.00	33.36 1.37 0.00	31.87 1.30 0.00	33.82 1.40 0.00	31.95 1.23 0.00	28.89 1.08 0.00	35.72 1.19 0.00	39.36 1.02 0.00	43.30 1.15 0.00	43.51 1.23 0.00	42.44 1.19 0.00	43.50 1.28 0.00	34.21 1.26 0.00	32.57 1.15 0.00
ASTORIA_GT4_1 24102	37.52 0.98 5.14	35.22 0.81 0.00	26.30 0.68 0.00	34.61 0.57 0.23	31.90 0.76 0.00	33.10 1.01 0.00	38.50 1.31 0.00	42.42 0.97 0.00	39.73 1.27 0.00	39.24 1.34 0.00	35.12 1.36 0.00	33.36 1.37 0.00	31.87 1.30 0.00	33.82 1.40 0.00	31.95 1.23 0.00	28.89 1.08 0.00	35.72 1.19 0.00	39.36 1.02 0.00	43.30 1.15 0.00	43.51 1.23 0.00	42.44 1.19 0.00	43.50 1.28 0.00	34.21 1.26 0.00	32.57 1.15 0.00
ASTORIA_GT4_2 24103	37.52 0.98 5.14	35.22 0.81 0.00	26.30 0.68 0.00	34.61 0.57 0.23	31.90 0.76 0.00	33.10 1.01 0.00	38.50 1.31 0.00	42.42 0.97 0.00	39.73 1.27 0.00	39.24 1.34 0.00	35.12 1.36 0.00	33.36 1.37 0.00	31.87 1.30 0.00	33.82 1.40 0.00	31.95 1.23 0.00	28.89 1.08 0.00	35.72 1.19 0.00	39.36 1.02 0.00	43.30 1.15 0.00	43.51 1.23 0.00	42.44 1.19 0.00	43.50 1.28 0.00	34.21 1.26 0.00	32.57 1.15 0.00
ASTORIA_GT4_3 24104	37.52 0.98 5.14	35.22 0.81 0.00	26.30 0.68 0.00	34.61 0.57 0.23	31.90 0.76 0.00	33.10 1.01 0.00	38.50 1.31 0.00	42.42 0.97 0.00	39.73 1.27 0.00	39.24 1.34 0.00	35.12 1.36 0.00	33.36 1.37 0.00	31.87 1.30 0.00	33.82 1.40 0.00	31.95 1.23 0.00	28.89 1.08 0.00	35.72 1.19 0.00	39.36 1.02 0.00	43.30 1.15 0.00	43.51 1.23 0.00	42.44 1.19 0.00	43.50 1.28 0.00	34.21 1.26 0.00	32.57 1.15 0.00

ASTORIA_GT4_4 24105	37.52 0.98 5.14	35.22 0.81 0.00	26.30 0.68 0.00	34.61 0.57 0.23	31.90 0.76 0.00	33.10 1.01 0.00	38.50 1.31 0.00	42.42 0.97 0.00	39.73 1.27 0.00	39.24 1.34 0.00	35.12 1.36 0.00	33.36 1.37 0.00	31.87 1.30 0.00	33.82 1.40 0.00	31.95 1.23 0.00	28.89 1.08 0.00	35.72 1.19 0.00	39.36 1.02 0.00	43.30 1.15 0.00	43.51 1.23 0.00	42.44 1.19 0.00	43.50 1.28 0.00	34.21 1.26 0.00	32.57 1.15 0.00
ASTORIA_GT_1 23523	40.73 1.13 2.08	35.28 0.87 0.00	26.36 0.73 0.00	34.90 0.73 0.09	31.94 0.80 0.00	33.16 1.07 0.00	38.56 1.37 0.00	42.63 1.18 0.00	39.93 1.46 0.00	39.35 1.46 0.00	35.19 1.42 0.00	33.43 1.43 0.00	31.93 1.36 0.00	33.88 1.46 0.00	32.01 1.30 0.00	28.94 1.13 0.00	35.79 1.26 0.00	39.43 1.09 0.00	43.38 1.23 0.00	43.59 1.32 0.00	42.51 1.26 0.00	43.57 1.35 0.00	34.26 1.31 0.00	32.63 1.21 0.00
ASTORIA_GT_10 24110	43.08 1.40 0.00	35.50 1.09 0.00	26.51 0.88 0.00	35.32 1.05 0.00	32.11 0.98 0.00	33.25 1.16 0.00	38.59 1.41 0.00	42.78 1.33 0.00	40.07 1.61 0.00	39.49 1.60 0.00	35.30 1.53 0.00	33.52 1.52 0.00	32.03 1.45 0.00	33.98 1.56 0.00	32.10 1.38 0.00	29.02 1.21 0.00	35.84 1.31 0.00	39.49 1.15 0.00	43.38 1.22 0.00	43.54 1.26 0.00	42.48 1.23 0.00	43.54 1.32 0.00	34.28 1.33 0.00	32.67 1.25 0.00
ASTORIA_GT_11 24225	43.08 1.40 0.00	35.50 1.09 0.00	26.51 0.88 0.00	35.32 1.05 0.00	32.11 0.98 0.00	33.25 1.16 0.00	38.59 1.41 0.00	42.78 1.33 0.00	40.07 1.61 0.00	39.49 1.60 0.00	35.30 1.53 0.00	33.52 1.52 0.00	32.03 1.45 0.00	33.98 1.56 0.00	32.10 1.38 0.00	29.02 1.21 0.00	35.84 1.31 0.00	39.49 1.15 0.00	43.38 1.22 0.00	43.54 1.26 0.00	42.48 1.23 0.00	43.54 1.32 0.00	34.28 1.33 0.00	32.67 1.25 0.00
ASTORIA_GT_12 24226	43.08 1.40 0.00	35.50 1.09 0.00	26.51 0.88 0.00	35.32 1.05 0.00	32.11 0.98 0.00	33.25 1.16 0.00	38.59 1.41 0.00	42.78 1.33 0.00	40.07 1.61 0.00	39.49 1.60 0.00	35.30 1.53 0.00	33.52 1.52 0.00	32.03 1.45 0.00	33.98 1.56 0.00	32.10 1.38 0.00	29.02 1.21 0.00	35.84 1.31 0.00	39.49 1.15 0.00	43.38 1.22 0.00	43.54 1.26 0.00	42.48 1.23 0.00	43.54 1.32 0.00	34.28 1.33 0.00	32.67 1.25 0.00
ASTORIA_GT_13 24227	43.08 1.40 0.00	35.50 1.09 0.00	26.51 0.88 0.00	35.32 1.05 0.00	32.11 0.98 0.00	33.25 1.16 0.00	38.59 1.41 0.00	42.78 1.33 0.00	40.07 1.61 0.00	39.49 1.60 0.00	35.30 1.53 0.00	33.52 1.52 0.00	32.03 1.45 0.00	33.98 1.56 0.00	32.10 1.38 0.00	29.02 1.21 0.00	35.84 1.31 0.00	39.49 1.15 0.00	43.38 1.22 0.00	43.54 1.26 0.00	42.48 1.23 0.00	43.54 1.32 0.00	34.28 1.33 0.00	32.67 1.25 0.00
ASTORIA_GT_5 24106	40.73 1.13 2.08	35.28 0.87 0.00	26.36 0.73 0.00	34.90 0.73 0.09	31.94 0.80 0.00	33.16 1.07 0.00	38.56 1.37 0.00	42.63 1.18 0.00	39.93 1.46 0.00	39.35 1.46 0.00	35.19 1.42 0.00	33.43 1.43 0.00	31.93 1.36 0.00	33.88 1.46 0.00	32.01 1.30 0.00	28.94 1.13 0.00	35.79 1.26 0.00	39.43 1.09 0.00	43.38 1.23 0.00	43.59 1.32 0.00	42.51 1.26 0.00	43.57 1.35 0.00	34.26 1.31 0.00	32.63 1.21 0.00
ASTORIA_GT_7 24107	40.73 1.13 2.08	35.28 0.87 0.00	26.36 0.73 0.00	34.90 0.73 0.09	31.94 0.80 0.00	33.16 1.07 0.00	38.56 1.37 0.00	42.63 1.18 0.00	39.93 1.46 0.00	39.35 1.46 0.00	35.19 1.42 0.00	33.43 1.43 0.00	31.93 1.36 0.00	33.88 1.46 0.00	32.01 1.30 0.00	28.94 1.13 0.00	35.79 1.26 0.00	39.43 1.09 0.00	43.38 1.23 0.00	43.59 1.32 0.00	42.51 1.26 0.00	43.57 1.35 0.00	34.26 1.31 0.00	32.63 1.21 0.00
ASTORIA_GT_8 24108	40.73 1.13 2.08	35.28 0.87 0.00	26.36 0.73 0.00	34.90 0.73 0.09	31.94 0.80 0.00	33.16 1.07 0.00	38.56 1.37 0.00	42.63 1.18 0.00	39.93 1.46 0.00	39.35 1.46 0.00	35.19 1.42 0.00	33.43 1.43 0.00	31.93 1.36 0.00	33.88 1.46 0.00	32.01 1.30 0.00	28.94 1.13 0.00	35.79 1.26 0.00	39.43 1.09 0.00	43.38 1.23 0.00	43.59 1.32 0.00	42.51 1.26 0.00	43.57 1.35 0.00	34.26 1.31 0.00	32.63 1.21 0.00
ASTORIA___2 24149	37.52 0.98 5.14	35.21 0.81 0.01	26.30 0.67 0.01	34.60 0.57 0.24	31.89 0.76 0.01	33.09 1.00 0.00	38.50 1.31 0.00	42.42 0.96 0.00	39.74 1.27 0.00	39.23 1.34 0.00	35.13 1.36 0.00	33.36 1.36 0.00	31.87 1.29 0.00	33.82 1.40 0.00	31.95 1.23 0.00	28.89 1.08 0.00	35.72 1.19 0.00	39.36 1.02 0.00	43.30 1.15 0.00	43.51 1.23 0.00	42.44 1.19 0.00	43.51 1.28 0.00	34.21 1.26 0.00	32.57 1.15 0.00
ASTORIA___3 23516	43.08 1.40 0.00	35.50 1.09 0.00	26.51 0.88 0.00	35.32 1.05 0.00	32.11 0.98 0.00	33.25 1.16 0.00	38.60 1.41 0.00	42.78 1.33 0.00	40.08 1.62 0.00	39.49 1.60 0.00	35.29 1.53 0.00	33.52 1.52 0.00	32.03 1.45 0.00	33.98 1.56 0.00	32.09 1.38 0.00	29.02 1.21 0.00	35.84 1.31 0.00	39.49 1.15 0.00	43.38 1.22 0.00	43.54 1.26 0.00	42.48 1.23 0.00	43.54 1.32 0.00	34.28 1.33 0.00	32.67 1.24 0.00
ASTORIA___4 23517	43.08 1.40 0.00	35.50 1.09 0.00	26.51 0.88 0.00	35.32 1.05 0.00	32.11 0.98 0.00	33.25 1.16 0.00	38.59 1.41 0.00	42.78 1.33 0.00	40.07 1.61 0.00	39.49 1.60 0.00	35.29 1.53 0.00	33.52 1.52 0.00	32.03 1.45 0.00	33.98 1.56 0.00	32.09 1.38 0.00	29.02 1.21 0.00	35.84 1.31 0.00	39.49 1.15 0.00	43.38 1.22 0.00	43.54 1.26 0.00	42.48 1.23 0.00	43.54 1.32 0.00	34.28 1.33 0.00	32.67 1.24 0.00
ASTORIA___5 23518	43.08 1.40 0.00	35.50 1.09 0.00	26.51 0.88 0.00	35.32 1.05 0.00	32.11 0.98 0.00	33.25 1.16 0.00	38.60 1.41 0.00	42.78 1.33 0.00	40.08 1.62 0.00	39.49 1.60 0.00	35.29 1.53 0.00	33.52 1.52 0.00	32.03 1.45 0.00	33.98 1.56 0.00	32.09 1.38 0.00	29.02 1.21 0.00	35.84 1.31 0.00	39.49 1.15 0.00	43.37 1.22 0.00	43.54 1.26 0.00	42.47 1.22 0.00	43.54 1.32 0.00	34.28 1.33 0.00	32.67 1.24 0.00
AST_ENERGY_2_CC3 323677	37.09 0.55 5.14	34.85 0.45 0.01	26.02 0.40 0.01	34.23 0.20 0.24	31.55 0.42 0.01	32.76 0.67 0.00	38.11 0.92 0.00	41.98 0.53 0.00	39.33 0.87 0.00	38.83 0.94 0.00	34.76 0.99 0.00	33.02 1.02 0.00	31.54 0.97 0.00	33.47 1.05 0.00	31.62 0.91 0.00	28.59 0.77 0.00	35.36 0.82 0.00	38.96 0.61 0.00	42.87 0.72 0.00	43.08 0.80 0.00	42.02 0.77 0.00	43.06 0.84 0.00	33.86 0.91 0.00	32.23 0.81 0.00
AST_ENERGY_2_CC4 323678	37.09 0.55 5.14	34.85 0.45 0.01	26.02 0.40 0.01	34.23 0.20 0.24	31.55 0.42 0.01	32.76 0.67 0.00	38.11 0.92 0.00	41.98 0.53 0.00	39.33 0.87 0.00	38.83 0.94 0.00	34.76 0.99 0.00	33.02 1.02 0.00	31.54 0.97 0.00	33.47 1.05 0.00	31.62 0.91 0.00	28.59 0.77 0.00	35.36 0.82 0.00	38.96 0.61 0.00	42.87 0.72 0.00	43.08 0.80 0.00	42.02 0.77 0.00	43.06 0.84 0.00	33.86 0.91 0.00	32.23 0.81 0.00

ATHENS_STG_1 23668	42.32 0.64 0.00	34.91 0.50 0.00	26.04 0.41 0.00	34.75 0.48 0.00	31.57 0.44 0.00	32.61 0.52 0.00	37.83 0.64 0.00	42.15 0.70 0.00	39.20 0.74 0.00	38.55 0.66 0.00	34.29 0.52 0.00	32.51 0.51 0.00	31.08 0.50 0.00	32.98 0.56 0.00	31.22 0.50 0.00	28.27 0.45 0.00	35.18 0.64 0.00	38.94 0.60 0.00	42.72 0.57 0.00	42.89 0.61 0.00	41.94 0.69 0.00	42.94 0.72 0.00	33.60 0.65 0.00	32.01 0.58 0.00
ATHENS_STG_2 23670	42.32 0.64 0.00	34.91 0.50 0.00	26.04 0.41 0.00	34.75 0.48 0.00	31.57 0.44 0.00	32.61 0.52 0.00	37.83 0.64 0.00	42.15 0.70 0.00	39.20 0.74 0.00	38.55 0.66 0.00	34.29 0.52 0.00	32.51 0.51 0.00	31.08 0.50 0.00	32.98 0.56 0.00	31.22 0.50 0.00	28.27 0.45 0.00	35.18 0.64 0.00	38.94 0.60 0.00	42.72 0.57 0.00	42.89 0.61 0.00	41.94 0.69 0.00	42.94 0.72 0.00	33.60 0.65 0.00	32.01 0.58 0.00
ATHENS_STG_3 23677	42.32 0.64 0.00	34.91 0.50 0.00	26.04 0.41 0.00	34.75 0.48 0.00	31.57 0.44 0.00	32.61 0.52 0.00	37.83 0.64 0.00	42.15 0.70 0.00	39.20 0.74 0.00	38.55 0.66 0.00	34.29 0.52 0.00	32.51 0.51 0.00	31.08 0.50 0.00	32.98 0.56 0.00	31.22 0.50 0.00	28.27 0.45 0.00	35.18 0.64 0.00	38.94 0.60 0.00	42.72 0.57 0.00	42.89 0.61 0.00	41.94 0.69 0.00	42.94 0.72 0.00	33.60 0.65 0.00	32.01 0.58 0.00
AUBURN___LFGE 323710	41.90 0.22 0.00	34.65 0.23 0.00	25.67 0.04 0.00	34.44 0.18 0.00	31.27 0.13 0.00	32.27 0.18 0.00	37.33 0.14 0.00	41.52 0.07 0.00	38.29 -0.17 0.00	37.67 -0.22 0.00	33.78 0.01 0.00	32.03 0.03 0.00	30.63 0.05 0.00	32.36 -0.06 0.00	30.79 0.07 0.00	27.93 0.12 0.00	34.60 0.07 0.00	38.56 0.21 0.00	42.32 0.17 0.00	42.23 -0.05 0.00	41.19 -0.06 0.00	42.14 -0.09 0.00	32.93 -0.01 0.00	31.52 0.09 0.00
BABYLON_RES_REC 323704	43.15 1.47 0.00	35.61 1.19 0.00	26.52 0.89 0.00	35.39 1.13 0.00	32.21 1.08 0.00	33.10 1.01 0.00	38.32 1.13 0.00	42.48 1.03 0.00	39.84 1.37 0.00	39.37 1.48 0.00	35.30 1.53 0.00	33.49 1.49 0.00	31.66 1.09 0.00	33.81 1.39 0.00	31.88 1.16 0.00	28.64 0.83 0.00	35.49 0.95 0.00	39.32 0.98 0.00	43.25 1.10 0.00	43.33 1.05 0.00	43.46 1.18 -1.03	47.15 1.17 -3.76	34.08 1.14 0.00	32.48 1.05 0.00
BALL_HILL_WT_PWR 323825	40.61 -1.07 0.00	33.68 -0.73 0.00	24.91 -0.71 0.00	33.62 -0.65 0.00	30.41 -0.72 0.00	31.24 -0.84 0.00	35.77 -1.42 0.00	39.78 -1.67 0.00	37.14 -1.33 0.00	37.35 -0.55 0.00	33.87 0.10 0.00	32.16 0.17 0.00	30.72 0.15 0.00	32.32 -0.10 0.00	30.81 0.10 0.00	27.71 -0.10 0.00	33.50 -1.04 0.00	37.30 -1.04 0.00	40.58 -1.57 0.00	40.43 -1.85 0.00	38.99 -2.26 0.00	39.86 -2.36 0.00	31.41 -1.53 0.00	30.76 -0.67 0.00
BARON_WINDS___WT_PWR 323822	40.03 -1.65 0.00	33.25 -1.17 0.00	24.68 -0.95 0.00	33.14 -1.13 0.00	29.95 -1.18 0.00	30.94 -1.15 0.00	35.81 -1.37 0.00	39.90 -1.55 0.00	37.23 -1.24 0.00	37.18 -0.71 0.00	33.37 -0.40 0.00	31.63 -0.37 0.00	30.34 -0.23 0.00	32.02 -0.40 0.00	30.52 -0.19 0.00	27.67 -0.14 0.00	33.92 -0.62 0.00	37.80 -0.55 0.00	41.08 -1.07 0.00	40.84 -1.44 0.00	39.64 -1.61 0.00	40.69 -1.53 0.00	31.64 -1.30 0.00	30.57 -0.85 0.00
BARRETT_IC_1 23704	42.90 1.22 0.00	35.37 0.96 0.00	26.35 0.72 0.00	35.17 0.91 0.00	32.00 0.86 0.00	32.90 0.81 0.00	38.04 0.85 0.00	42.21 0.76 0.00	39.56 1.09 0.00	39.06 1.17 0.00	35.08 1.32 0.00	33.29 1.28 0.00	31.52 0.95 0.00	33.65 1.23 0.00	31.70 0.99 0.00	28.49 0.68 0.00	35.33 0.80 0.00	39.01 0.67 0.00	42.91 0.76 0.00	43.07 0.79 0.00	42.17 0.91 0.00	43.13 0.91 0.00	33.87 0.92 0.00	32.34 0.91 0.00
BARRETT_IC_10 23701	42.90 1.22 0.00	35.37 0.96 0.00	26.35 0.72 0.00	35.17 0.91 0.00	32.00 0.86 0.00	32.90 0.81 0.00	38.04 0.85 0.00	42.21 0.76 0.00	39.56 1.09 0.00	39.06 1.17 0.00	35.08 1.32 0.00	33.29 1.28 0.00	31.52 0.95 0.00	33.65 1.23 0.00	31.70 0.99 0.00	28.49 0.68 0.00	35.33 0.80 0.00	39.01 0.67 0.00	42.91 0.76 0.00	43.07 0.79 0.00	42.17 0.91 0.00	43.13 0.91 0.00	33.87 0.92 0.00	32.34 0.91 0.00
BARRETT_IC_11 23702	42.90 1.22 0.00	35.37 0.96 0.00	26.35 0.72 0.00	35.17 0.91 0.00	32.00 0.86 0.00	32.90 0.81 0.00	38.04 0.85 0.00	42.21 0.76 0.00	39.56 1.09 0.00	39.06 1.17 0.00	35.08 1.32 0.00	33.29 1.28 0.00	31.52 0.95 0.00	33.65 1.23 0.00	31.70 0.99 0.00	28.49 0.68 0.00	35.33 0.80 0.00	39.01 0.67 0.00	42.91 0.76 0.00	43.07 0.79 0.00	42.17 0.91 0.00	43.13 0.91 0.00	33.87 0.92 0.00	32.34 0.91 0.00
BARRETT_IC_12 23703	42.90 1.22 0.00	35.37 0.96 0.00	26.35 0.72 0.00	35.17 0.91 0.00	32.00 0.86 0.00	32.90 0.81 0.00	38.04 0.85 0.00	42.21 0.76 0.00	39.56 1.09 0.00	39.06 1.17 0.00	35.08 1.32 0.00	33.29 1.28 0.00	31.52 0.95 0.00	33.65 1.23 0.00	31.70 0.99 0.00	28.49 0.68 0.00	35.33 0.80 0.00	39.01 0.67 0.00	42.91 0.76 0.00	43.07 0.79 0.00	42.17 0.91 0.00	43.13 0.91 0.00	33.87 0.92 0.00	32.34 0.91 0.00
BARRETT_IC_2 23705	42.90 1.22 0.00	35.37 0.96 0.00	26.35 0.72 0.00	35.17 0.91 0.00	32.00 0.86 0.00	32.90 0.81 0.00	38.04 0.85 0.00	42.21 0.76 0.00	39.56 1.09 0.00	39.06 1.17 0.00	35.08 1.32 0.00	33.29 1.28 0.00	31.52 0.95 0.00	33.65 1.23 0.00	31.70 0.99 0.00	28.49 0.68 0.00	35.33 0.80 0.00	39.01 0.67 0.00	42.91 0.76 0.00	43.07 0.79 0.00	42.17 0.91 0.00	43.13 0.91 0.00	33.87 0.92 0.00	32.34 0.91 0.00
BARRETT_IC_3 23706	42.90 1.22 0.00	35.37 0.96 0.00	26.35 0.72 0.00	35.17 0.91 0.00	32.00 0.86 0.00	32.90 0.81 0.00	38.04 0.85 0.00	42.21 0.76 0.00	39.56 1.09 0.00	39.06 1.17 0.00	35.08 1.32 0.00	33.29 1.28 0.00	31.52 0.95 0.00	33.65 1.23 0.00	31.70 0.99 0.00	28.49 0.68 0.00	35.33 0.80 0.00	39.01 0.67 0.00	42.91 0.76 0.00	43.07 0.79 0.00	42.17 0.91 0.00	43.13 0.91 0.00	33.87 0.92 0.00	32.34 0.91 0.00
BARRETT_IC_4 23707	42.90 1.22 0.00	35.37 0.96 0.00	26.35 0.72 0.00	35.17 0.91 0.00	32.00 0.86 0.00	32.90 0.81 0.00	38.04 0.85 0.00	42.21 0.76 0.00	39.56 1.09 0.00	39.06 1.17 0.00	35.08 1.32 0.00	33.29 1.28 0.00	31.52 0.95 0.00	33.65 1.23 0.00	31.70 0.99 0.00	28.49 0.68 0.00	35.33 0.80 0.00	39.01 0.67 0.00	42.91 0.76 0.00	43.07 0.79 0.00	42.17 0.91 0.00	43.13 0.91 0.00	33.87 0.92 0.00	32.34 0.91 0.00
BARRETT_IC_5 23708	42.90 1.22 0.00	35.37 0.96 0.00	26.35 0.72 0.00	35.17 0.91 0.00	32.00 0.86 0.00	32.90 0.81 0.00	38.04 0.85 0.00	42.21 0.76 0.00	39.56 1.09 0.00	39.06 1.17 0.00	35.08 1.32 0.00	33.29 1.28 0.00	31.52 0.95 0.00	33.65 1.23 0.00	31.70 0.99 0.00	28.49 0.68 0.00	35.33 0.80 0.00	39.01 0.67 0.00	42.91 0.76 0.00	43.07 0.79 0.00	42.17 0.91 0.00	43.13 0.91 0.00	33.87 0.92 0.00	32.34 0.91 0.00

BARRETT_IC_6 23709	42.90 1.22 0.00	35.37 0.96 0.00	26.35 0.72 0.00	35.17 0.91 0.00	32.00 0.86 0.00	32.90 0.81 0.00	38.04 0.85 0.00	42.21 0.76 0.00	39.56 1.09 0.00	39.06 1.17 0.00	35.08 1.32 0.00	33.29 1.28 0.00	31.52 0.95 0.00	33.65 1.23 0.00	31.70 0.99 0.00	28.49 0.68 0.00	35.33 0.80 0.00	39.01 0.67 0.00	42.91 0.76 0.00	43.07 0.79 0.00	42.17 0.91 0.00	43.13 0.91 0.00	33.87 0.92 0.00	32.34 0.91 0.00
BARRETT_IC_7 23710	42.90 1.22 0.00	35.37 0.96 0.00	26.35 0.73 0.00	35.17 0.91 0.00	32.00 0.87 0.00	32.91 0.82 0.00	38.04 0.85 0.00	42.22 0.76 0.00	39.55 1.09 0.00	39.06 1.17 0.00	35.08 1.32 0.00	33.29 1.29 0.00	31.52 0.95 0.00	33.65 1.23 0.00	31.71 0.99 0.00	28.49 0.68 0.00	35.33 0.80 0.00	39.01 0.67 0.00	42.91 0.76 0.00	43.07 0.79 0.00	42.16 0.91 0.00	43.12 0.90 0.00	33.87 0.92 0.00	32.34 0.91 0.00
BARRETT_IC_8 23711	42.90 1.22 0.00	35.37 0.96 0.00	26.35 0.72 0.00	35.17 0.91 0.00	32.00 0.86 0.00	32.90 0.81 0.00	38.04 0.85 0.00	42.21 0.76 0.00	39.56 1.09 0.00	39.06 1.17 0.00	35.08 1.32 0.00	33.29 1.28 0.00	31.52 0.95 0.00	33.65 1.23 0.00	31.70 0.99 0.00	28.49 0.68 0.00	35.33 0.80 0.00	39.01 0.67 0.00	42.91 0.76 0.00	43.07 0.79 0.00	42.17 0.91 0.00	43.13 0.91 0.00	33.87 0.92 0.00	32.34 0.91 0.00
BARRETT_IC_9 23700	42.90 1.22 0.00	35.37 0.96 0.00	26.35 0.72 0.00	35.17 0.91 0.00	32.00 0.86 0.00	32.90 0.81 0.00	38.04 0.85 0.00	42.21 0.76 0.00	39.56 1.09 0.00	39.06 1.17 0.00	35.08 1.32 0.00	33.29 1.28 0.00	31.52 0.95 0.00	33.65 1.23 0.00	31.70 0.99 0.00	28.49 0.68 0.00	35.33 0.80 0.00	39.01 0.67 0.00	42.91 0.76 0.00	43.07 0.79 0.00	42.17 0.91 0.00	43.13 0.91 0.00	33.87 0.92 0.00	32.34 0.91 0.00
BARRETT___1 23545	42.90 1.22 0.00	35.37 0.96 0.00	26.35 0.72 0.00	35.17 0.91 0.00	32.00 0.86 0.00	32.90 0.81 0.00	38.04 0.85 0.00	42.21 0.76 0.00	39.56 1.09 0.00	39.06 1.17 0.00	35.08 1.32 0.00	33.29 1.28 0.00	31.52 0.95 0.00	33.65 1.23 0.00	31.70 0.99 0.00	28.49 0.68 0.00	35.33 0.80 0.00	39.01 0.67 0.00	42.91 0.76 0.00	43.07 0.79 0.00	42.17 0.91 0.00	43.13 0.91 0.00	33.87 0.92 0.00	32.34 0.91 0.00
BARRETT___2 23546	42.90 1.22 0.00	35.37 0.96 0.00	26.35 0.72 0.00	35.17 0.91 0.00	32.00 0.86 0.00	32.90 0.81 0.00	38.04 0.85 0.00	42.21 0.76 0.00	39.56 1.09 0.00	39.06 1.17 0.00	35.08 1.32 0.00	33.29 1.28 0.00	31.52 0.95 0.00	33.65 1.23 0.00	31.70 0.99 0.00	28.49 0.68 0.00	35.33 0.80 0.00	39.01 0.67 0.00	42.91 0.76 0.00	43.07 0.79 0.00	42.17 0.91 0.00	43.13 0.91 0.00	33.87 0.92 0.00	32.34 0.91 0.00
BATAVIA___115KV_TB1 55881	42.13 0.45 0.00	34.86 0.45 0.00	25.77 0.15 0.00	34.70 0.43 0.00	31.41 0.27 0.00	32.26 0.17 0.00	36.89 -0.30 0.00	40.87 -0.58 0.00	38.26 -0.20 0.00	38.23 0.34 0.00	34.62 0.85 0.00	32.82 0.82 0.00	31.43 0.85 0.00	33.04 0.62 0.00	31.49 0.77 0.00	28.35 0.54 0.00	34.28 -0.25 0.00	38.04 -0.30 0.00	41.51 -0.64 0.00	41.43 -0.84 0.00	40.06 -1.19 0.00	41.15 -1.07 0.00	32.44 -0.51 0.00	31.59 0.16 0.00
BAYONEEC___CTG1 323682	43.12 1.44 0.00	35.58 1.16 0.00	26.53 0.90 0.00	35.37 1.10 0.00	32.16 1.03 0.00	33.22 1.13 0.00	38.55 1.36 0.00	42.79 1.33 0.00	40.02 1.56 0.00	39.47 1.58 0.00	35.24 1.47 0.00	33.48 1.48 0.00	31.99 1.42 0.00	33.95 1.52 0.00	32.07 1.35 0.00	28.99 1.18 0.00	35.85 1.32 0.00	39.54 1.20 0.00	43.45 1.30 0.00	43.59 1.32 0.00	42.53 1.28 0.00	43.57 1.35 0.00	34.25 1.30 0.00	32.65 1.23 0.00
BAYONEEC___CTG10 323750	43.12 1.44 0.00	35.58 1.16 0.00	26.53 0.90 0.00	35.37 1.10 0.00	32.16 1.03 0.00	33.22 1.13 0.00	38.55 1.36 0.00	42.79 1.33 0.00	40.02 1.56 0.00	39.47 1.58 0.00	35.24 1.47 0.00	33.48 1.48 0.00	31.99 1.42 0.00	33.95 1.52 0.00	32.07 1.35 0.00	28.99 1.18 0.00	35.85 1.32 0.00	39.54 1.20 0.00	43.45 1.30 0.00	43.59 1.32 0.00	42.53 1.28 0.00	43.57 1.35 0.00	34.25 1.30 0.00	32.65 1.23 0.00
BAYONEEC___CTG2 323683	43.12 1.44 0.00	35.58 1.16 0.00	26.53 0.90 0.00	35.37 1.10 0.00	32.16 1.03 0.00	33.22 1.13 0.00	38.55 1.36 0.00	42.79 1.33 0.00	40.02 1.56 0.00	39.47 1.58 0.00	35.24 1.47 0.00	33.48 1.48 0.00	31.99 1.42 0.00	33.95 1.52 0.00	32.07 1.35 0.00	28.99 1.18 0.00	35.85 1.32 0.00	39.54 1.20 0.00	43.45 1.30 0.00	43.59 1.32 0.00	42.53 1.28 0.00	43.57 1.35 0.00	34.25 1.30 0.00	32.65 1.23 0.00
BAYONEEC___CTG3 323684	43.12 1.44 0.00	35.58 1.16 0.00	26.53 0.90 0.00	35.37 1.10 0.00	32.16 1.03 0.00	33.22 1.13 0.00	38.55 1.36 0.00	42.79 1.33 0.00	40.02 1.56 0.00	39.47 1.58 0.00	35.24 1.47 0.00	33.48 1.48 0.00	31.99 1.42 0.00	33.95 1.52 0.00	32.07 1.35 0.00	28.99 1.18 0.00	35.85 1.32 0.00	39.54 1.20 0.00	43.45 1.30 0.00	43.59 1.32 0.00	42.53 1.28 0.00	43.57 1.35 0.00	34.25 1.30 0.00	32.65 1.23 0.00
BAYONEEC___CTG4 323685	43.12 1.44 0.00	35.58 1.16 0.00	26.53 0.90 0.00	35.37 1.10 0.00	32.16 1.03 0.00	33.22 1.13 0.00	38.55 1.36 0.00	42.79 1.33 0.00	40.02 1.56 0.00	39.47 1.58 0.00	35.24 1.47 0.00	33.48 1.48 0.00	31.99 1.42 0.00	33.95 1.52 0.00	32.07 1.35 0.00	28.99 1.18 0.00	35.85 1.32 0.00	39.54 1.20 0.00	43.45 1.30 0.00	43.59 1.32 0.00	42.53 1.28 0.00	43.57 1.35 0.00	34.25 1.30 0.00	32.65 1.23 0.00
BAYONEEC___CTG5 323686	43.12 1.44 0.00	35.58 1.16 0.00	26.53 0.90 0.00	35.37 1.10 0.00	32.16 1.03 0.00	33.22 1.13 0.00	38.55 1.36 0.00	42.79 1.33 0.00	40.02 1.56 0.00	39.47 1.58 0.00	35.24 1.47 0.00	33.48 1.48 0.00	31.99 1.42 0.00	33.95 1.52 0.00	32.07 1.35 0.00	28.99 1.18 0.00	35.85 1.32 0.00	39.54 1.20 0.00	43.45 1.30 0.00	43.59 1.32 0.00	42.53 1.28 0.00	43.57 1.35 0.00	34.25 1.30 0.00	32.65 1.23 0.00
BAYONEEC___CTG6 323687	43.12 1.44 0.00	35.58 1.16 0.00	26.53 0.90 0.00	35.37 1.10 0.00	32.16 1.03 0.00	33.22 1.13 0.00	38.55 1.36 0.00	42.79 1.33 0.00	40.02 1.56 0.00	39.47 1.58 0.00	35.24 1.47 0.00	33.48 1.48 0.00	31.99 1.42 0.00	33.95 1.52 0.00	32.07 1.35 0.00	28.99 1.18 0.00	35.85 1.32 0.00	39.54 1.20 0.00	43.45 1.30 0.00	43.59 1.32 0.00	42.53 1.28 0.00	43.57 1.35 0.00	34.25 1.30 0.00	32.65 1.23 0.00
BAYONEEC___CTG7 323688	43.12 1.44 0.00	35.58 1.16 0.00	26.53 0.90 0.00	35.37 1.10 0.00	32.16 1.03 0.00	33.22 1.13 0.00	38.55 1.36 0.00	42.79 1.33 0.00	40.02 1.56 0.00	39.47 1.58 0.00	35.24 1.47 0.00	33.48 1.48 0.00	31.99 1.42 0.00	33.95 1.52 0.00	32.07 1.35 0.00	28.99 1.18 0.00	35.85 1.32 0.00	39.54 1.20 0.00	43.45 1.30 0.00	43.59 1.32 0.00	42.53 1.28 0.00	43.57 1.35 0.00	34.25 1.30 0.00	32.65 1.23 0.00

BAYONEEC___CTG8 323689	43.12 1.44 0.00	35.58 1.16 0.00	26.53 0.90 0.00	35.37 1.10 0.00	32.16 1.03 0.00	33.22 1.13 0.00	38.55 1.36 0.00	42.79 1.33 0.00	40.02 1.56 0.00	39.47 1.58 0.00	35.24 1.47 0.00	33.48 1.48 0.00	31.99 1.42 0.00	33.95 1.52 0.00	32.07 1.35 0.00	28.99 1.18 0.00	35.85 1.32 0.00	39.54 1.20 0.00	43.45 1.30 0.00	43.59 1.32 0.00	42.53 1.28 0.00	43.57 1.35 0.00	34.25 1.30 0.00	32.65 1.23 0.00
BAYONEEC___CTG9 323749	43.12 1.44 0.00	35.58 1.16 0.00	26.53 0.90 0.00	35.37 1.10 0.00	32.16 1.03 0.00	33.22 1.13 0.00	38.55 1.36 0.00	42.79 1.33 0.00	40.02 1.56 0.00	39.47 1.58 0.00	35.24 1.47 0.00	33.48 1.48 0.00	31.99 1.42 0.00	33.95 1.52 0.00	32.07 1.35 0.00	28.99 1.18 0.00	35.85 1.32 0.00	39.54 1.20 0.00	43.45 1.30 0.00	43.59 1.32 0.00	42.53 1.28 0.00	43.57 1.35 0.00	34.25 1.30 0.00	32.65 1.23 0.00
BEACON___LESR 323632	42.23 0.55 0.00	34.79 0.38 0.00	25.99 0.36 0.00	34.59 0.33 0.00	31.49 0.36 0.00	32.59 0.51 0.00	37.87 0.68 0.00	42.30 0.85 0.00	39.17 0.71 0.00	38.44 0.55 0.00	33.99 0.22 0.00	32.16 0.16 0.00	30.79 0.21 0.00	32.67 0.24 0.00	30.99 0.28 0.00	28.17 0.36 0.00	35.26 0.72 0.00	38.97 0.63 0.00	42.82 0.66 0.00	42.91 0.63 0.00	41.98 0.73 0.00	42.91 0.69 0.00	33.52 0.57 0.00	31.93 0.50 0.00
BEAVER RIVER___HYD 24048	41.69 0.01 0.00	34.45 0.04 0.00	25.53 -0.10 0.00	34.29 0.02 0.00	31.44 0.31 0.00	32.52 0.43 0.00	37.89 0.70 0.00	42.43 0.98 0.00	39.09 0.62 0.00	38.42 0.52 0.00	34.13 0.36 0.00	31.94 -0.06 0.00	30.61 0.03 0.00	32.21 -0.22 0.00	30.61 -0.11 0.00	27.80 -0.01 0.00	34.99 0.46 0.00	39.53 1.19 0.00	44.02 1.87 0.00	44.20 1.93 0.00	43.02 1.77 0.00	43.96 1.73 0.00	34.06 1.11 0.00	32.10 0.67 0.00
BEEBEE_GT_13 23619	41.65 -0.03 0.00	34.43 0.02 0.00	25.53 -0.10 0.00	34.26 0.00 0.00	31.05 -0.09 0.00	31.95 -0.14 0.00	36.73 -0.46 0.00	40.85 -0.60 0.00	38.07 -0.40 0.00	37.78 -0.11 0.00	34.01 0.25 0.00	32.25 0.26 0.00	30.88 0.31 0.00	32.61 0.19 0.00	30.99 0.27 0.00	27.94 0.13 0.00	34.22 -0.32 0.00	37.99 -0.35 0.00	41.57 -0.58 0.00	41.59 -0.69 0.00	40.35 -0.90 0.00	41.36 -0.86 0.00	32.43 -0.51 0.00	31.26 -0.16 0.00
BENSHRST_27_KV_BENSHRST_1 355998	43.16 1.48 0.00	35.62 1.21 0.00	26.59 0.96 0.00	35.42 1.16 0.00	32.20 1.07 0.00	33.33 1.25 0.00	38.67 1.48 0.00	42.86 1.41 0.00	40.19 1.73 0.00	39.63 1.74 0.00	35.43 1.66 0.00	33.64 1.64 0.00	32.12 1.54 0.00	34.08 1.66 0.00	32.19 1.48 0.00	29.10 1.29 0.00	35.94 1.40 0.00	39.58 1.24 0.00	43.55 1.40 0.00	43.73 1.45 0.00	42.66 1.41 0.00	43.70 1.48 0.00	34.42 1.47 0.00	32.80 1.38 0.00
BETHLEHEM___GRP 23843	41.52 -0.16 0.00	34.27 -0.14 0.00	25.64 0.02 0.00	34.10 -0.16 0.00	31.05 -0.09 0.00	32.09 0.00 0.00	37.22 0.03 0.00	41.58 0.13 0.00	38.57 0.10 0.00	37.82 -0.07 0.00	33.51 -0.26 0.00	31.71 -0.28 0.00	30.37 -0.21 0.00	32.23 -0.19 0.00	30.57 -0.14 0.00	27.74 -0.07 0.00	34.64 0.10 0.00	38.28 -0.06 0.00	42.05 -0.11 0.00	42.19 -0.09 0.00	41.27 0.03 0.00	42.24 0.01 0.00	33.05 0.10 0.00	31.48 0.05 0.00
BETHLEHEM___GS1 323560	41.53 -0.15 0.00	34.27 -0.14 0.00	25.64 0.02 0.00	34.10 -0.16 0.00	31.05 -0.09 0.00	32.09 0.00 0.00	37.22 0.03 0.00	41.58 0.13 0.00	38.58 0.11 0.00	37.82 -0.07 0.00	33.51 -0.26 0.00	31.71 -0.28 0.00	30.37 -0.21 0.00	32.23 -0.19 0.00	30.57 -0.14 0.00	27.74 -0.07 0.00	34.64 0.11 0.00	38.28 -0.06 0.00	42.05 -0.10 0.00	42.19 -0.09 0.00	41.27 0.03 0.00	42.23 0.01 0.00	33.05 0.10 0.00	31.48 0.05 0.00
BETHLEHEM___GS2 323561	41.53 -0.15 0.00	34.27 -0.14 0.00	25.64 0.02 0.00	34.10 -0.16 0.00	31.05 -0.09 0.00	32.09 0.00 0.00	37.22 0.03 0.00	41.58 0.13 0.00	38.58 0.11 0.00	37.82 -0.07 0.00	33.51 -0.26 0.00	31.71 -0.28 0.00	30.37 -0.21 0.00	32.23 -0.19 0.00	30.57 -0.14 0.00	27.74 -0.07 0.00	34.64 0.11 0.00	38.28 -0.06 0.00	42.05 -0.10 0.00	42.19 -0.09 0.00	41.27 0.03 0.00	42.23 0.01 0.00	33.05 0.10 0.00	31.48 0.05 0.00
BETHLEHEM___GS3 323562	41.53 -0.15 0.00	34.27 -0.14 0.00	25.64 0.02 0.00	34.10 -0.16 0.00	31.05 -0.09 0.00	32.09 0.00 0.00	37.22 0.03 0.00	41.58 0.13 0.00	38.58 0.11 0.00	37.82 -0.07 0.00	33.51 -0.26 0.00	31.71 -0.28 0.00	30.37 -0.21 0.00	32.23 -0.19 0.00	30.57 -0.14 0.00	27.74 -0.07 0.00	34.64 0.11 0.00	38.28 -0.06 0.00	42.05 -0.10 0.00	42.19 -0.09 0.00	41.27 0.03 0.00	42.23 0.01 0.00	33.05 0.10 0.00	31.48 0.05 0.00
BETHLEHEM___STEEL 23779	41.14 -0.54 0.00	34.09 -0.32 0.00	25.20 -0.42 0.00	33.99 -0.27 0.00	30.73 -0.40 0.00	31.57 -0.52 0.00	36.08 -1.11 0.00	40.00 -1.45 0.00	37.38 -1.09 0.00	37.47 -0.42 0.00	34.00 0.23 0.00	32.26 0.26 0.00	30.87 0.30 0.00	32.47 0.05 0.00	30.96 0.24 0.00	27.81 0.00 0.00	33.54 -0.99 0.00	37.24 -1.10 0.00	40.50 -1.65 0.00	40.36 -1.92 0.00	38.99 -2.26 0.00	40.05 -2.17 0.00	31.64 -1.31 0.00	30.95 -0.48 0.00
BETHLHEM_115KV_TB1 79974	41.66 -0.02 0.00	34.38 -0.03 0.00	25.71 0.08 0.00	34.20 -0.06 0.00	31.13 -0.01 0.00	32.17 0.08 0.00	37.32 0.13 0.00	41.67 0.22 0.00	38.66 0.20 0.00	37.91 0.02 0.00	33.62 -0.15 0.00	31.83 -0.17 0.00	30.46 -0.11 0.00	32.33 -0.09 0.00	30.66 -0.05 0.00	27.81 0.00 0.00	34.72 0.18 0.00	38.40 0.05 0.00	42.16 0.01 0.00	42.29 0.01 0.00	41.38 0.13 0.00	42.34 0.12 0.00	33.13 0.18 0.00	31.56 0.13 0.00
BETHPAGE_CC_5 323564	42.99 1.31 0.00	35.52 1.11 0.00	26.45 0.83 0.00	35.30 1.03 0.00	32.12 0.99 0.00	33.02 0.93 0.00	38.19 1.01 0.00	42.36 0.91 0.00	39.72 1.26 0.00	39.31 1.41 0.00	35.24 1.47 0.00	33.45 1.45 0.00	31.66 1.09 0.00	33.81 1.39 0.00	31.86 1.15 0.00	28.59 0.78 0.00	35.39 0.85 0.00	39.16 0.82 0.00	43.05 0.90 0.00	43.14 0.86 0.00	42.76 0.99 -0.53	45.22 1.07 -1.93	33.99 1.04 0.00	32.39 0.96 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	41.19 -0.49 0.00	34.12 -0.30 0.00	25.23 -0.40 0.00	34.02 -0.24 0.00	30.76 -0.38 0.00	31.61 -0.48 0.00	36.15 -1.04 0.00	40.08 -1.37 0.00	37.44 -1.03 0.00	37.54 -0.35 0.00	34.05 0.28 0.00	32.32 0.32 0.00	30.91 0.34 0.00	32.50 0.08 0.00	30.99 0.27 0.00	27.85 0.04 0.00	33.61 -0.93 0.00	37.32 -1.02 0.00	40.59 -1.56 0.00	40.44 -1.84 0.00	39.06 -2.18 0.00	40.12 -2.11 0.00	31.68 -1.27 0.00	30.99 -0.43 0.00
BINGHAMTON___COGEN 23790	41.59 -0.09 0.00	34.42 0.01 0.00	25.61 -0.02 0.00	34.30 0.03 0.00	31.07 -0.07 0.00	32.06 -0.03 0.00	37.18 -0.01 0.00	41.39 -0.07 0.00	38.33 -0.14 0.00	37.88 -0.02 0.00	33.79 0.02 0.00	32.04 0.04 0.00	30.55 -0.03 0.00	32.30 -0.12 0.00	30.65 -0.07 0.00	27.77 -0.04 0.00	34.42 -0.12 0.00	38.39 0.05 0.00	42.03 -0.12 0.00	42.13 -0.15 0.00	41.00 -0.25 0.00	42.01 -0.21 0.00	32.79 -0.16 0.00	31.41 -0.02 0.00

BIXINCNT_115KV_LOAD 355685	40.77 -0.91 0.00	33.66 -0.75 0.00	24.84 -0.79 0.00	33.64 -0.63 0.00	30.43 -0.71 0.00	31.50 -0.59 0.00	36.39 -0.80 0.00	40.28 -1.17 0.00	37.37 -1.10 0.00	37.64 -0.25 0.00	34.01 0.24 0.00	32.35 0.35 0.00	30.70 0.12 0.00	32.11 -0.31 0.00	30.87 0.15 0.00	27.75 -0.06 0.00	33.86 -0.68 0.00	37.63 -0.71 0.00	40.85 -1.30 0.00	40.46 -1.83 0.00	38.92 -2.33 0.00	39.58 -2.64 0.00	31.44 -1.50 0.00	30.96 -0.46 0.00
BLACK RIVER___HYD 24047	41.83 0.15 0.00	34.61 0.19 0.00	25.67 0.05 0.00	34.54 0.27 0.00	31.62 0.49 0.00	32.67 0.58 0.00	38.04 0.85 0.00	42.55 1.10 0.00	39.18 0.71 0.00	38.49 0.59 0.00	34.21 0.45 0.00	31.74 -0.26 0.00	30.57 -0.01 0.00	32.09 -0.34 0.00	30.42 -0.29 0.00	27.67 -0.13 0.00	35.13 0.60 0.00	39.86 1.52 0.00	44.46 2.31 0.00	44.64 2.36 0.00	43.43 2.18 0.00	44.35 2.13 0.00	34.22 1.27 0.00	32.18 0.75 0.00
BLACKRVR_115KV_TB2 79977	41.83 0.15 0.00	34.61 0.19 0.00	25.67 0.05 0.00	34.54 0.27 0.00	31.62 0.49 0.00	32.67 0.58 0.00	38.03 0.84 0.00	42.55 1.10 0.00	39.17 0.71 0.00	38.49 0.60 0.00	34.21 0.45 0.00	31.74 -0.26 0.00	30.57 -0.01 0.00	32.08 -0.34 0.00	30.42 -0.29 0.00	27.67 -0.14 0.00	35.13 0.60 0.00	39.86 1.52 0.00	44.46 2.31 0.00	44.64 2.36 0.00	43.43 2.18 0.00	44.35 2.13 0.00	34.22 1.27 0.00	32.18 0.75 0.00
BLDWN_LI_69_KV_BK4 356085	43.19 1.51 0.00	35.63 1.21 0.00	26.52 0.90 0.00	35.39 1.13 0.00	32.21 1.08 0.00	33.14 1.05 0.00	38.34 1.15 0.00	42.56 1.11 0.00	39.89 1.43 0.00	39.43 1.54 0.00	35.36 1.59 0.00	33.53 1.53 0.00	31.76 1.19 0.00	33.91 1.49 0.00	31.99 1.28 0.00	28.75 0.94 0.00	35.63 1.09 0.00	39.41 1.07 0.00	43.35 1.19 0.00	43.47 1.19 0.00	42.54 1.29 0.00	43.53 1.31 0.00	34.18 1.23 0.00	32.58 1.16 0.00
BLISS_WT_PWR 323608	40.64 -1.05 0.00	33.48 -0.93 0.00	24.68 -0.94 0.00	33.47 -0.80 0.00	30.28 -0.86 0.00	31.42 -0.67 0.00	36.34 -0.84 0.00	40.22 -1.24 0.00	37.21 -1.26 0.00	37.55 -0.34 0.00	33.91 0.14 0.00	32.30 0.30 0.00	30.59 0.02 0.00	31.99 -0.44 0.00	30.82 0.11 0.00	27.71 -0.10 0.00	33.88 -0.65 0.00	37.66 -0.68 0.00	40.86 -1.30 0.00	40.38 -1.90 0.00	38.80 -2.45 0.00	39.35 -2.88 0.00	31.33 -1.61 0.00	30.91 -0.52 0.00
BLUESTONE___WT_PWR 323821	41.51 -0.17 0.00	34.70 0.29 0.00	25.77 0.14 0.00	34.42 0.16 0.00	31.14 0.00 0.00	32.32 0.23 0.00	37.62 0.43 0.00	41.77 0.32 0.00	38.80 0.34 0.00	38.32 0.43 0.00	34.31 0.54 0.00	32.49 0.50 0.00	31.05 0.48 0.00	32.49 0.07 0.00	30.79 0.08 0.00	28.22 0.41 0.00	35.12 0.59 0.00	39.57 1.22 0.00	43.94 1.79 0.00	44.08 1.80 0.00	42.78 1.53 0.00	43.27 1.05 0.00	32.90 -0.05 0.00	30.86 -0.57 0.00
BLUE_CIRC_CHEM_DRP 24182	42.21 0.52 0.00	34.80 0.39 0.00	25.99 0.37 0.00	34.64 0.38 0.00	31.50 0.37 0.00	32.55 0.46 0.00	37.74 0.56 0.00	42.11 0.66 0.00	38.96 0.50 0.00	38.11 0.21 0.00	33.79 0.03 0.00	31.98 -0.01 0.00	30.61 0.03 0.00	32.47 0.05 0.00	30.84 0.12 0.00	28.03 0.22 0.00	35.02 0.49 0.00	38.84 0.49 0.00	42.63 0.47 0.00	42.76 0.47 0.00	41.82 0.57 0.00	42.82 0.60 0.00	33.47 0.52 0.00	31.89 0.47 0.00
BOC_GAS_DRP 24189	41.98 0.29 0.00	34.63 0.22 0.00	25.86 0.23 0.00	34.48 0.21 0.00	31.35 0.22 0.00	32.38 0.29 0.00	37.54 0.35 0.00	41.88 0.43 0.00	38.88 0.42 0.00	38.19 0.30 0.00	33.93 0.16 0.00	32.14 0.14 0.00	30.75 0.17 0.00	32.62 0.20 0.00	30.91 0.19 0.00	28.01 0.20 0.00	34.90 0.36 0.00	38.63 0.29 0.00	42.41 0.26 0.00	42.55 0.27 0.00	41.62 0.37 0.00	42.61 0.39 0.00	33.32 0.37 0.00	31.75 0.33 0.00
BOONVILLE_115KV_TB1 79983	42.08 0.40 0.00	34.74 0.33 0.00	25.82 0.19 0.00	34.58 0.32 0.00	31.59 0.45 0.00	32.67 0.58 0.00	37.95 0.76 0.00	42.38 0.92 0.00	39.14 0.68 0.00	38.44 0.55 0.00	34.19 0.42 0.00	32.21 0.21 0.00	30.78 0.21 0.00	32.51 0.09 0.00	30.88 0.17 0.00	28.04 0.23 0.00	35.07 0.54 0.00	39.41 1.07 0.00	43.53 1.38 0.00	43.70 1.42 0.00	42.56 1.31 0.00	43.49 1.27 0.00	33.82 0.88 0.00	32.02 0.60 0.00
BORALEX_4TH_BRANCH 23824	42.78 1.10 0.00	35.15 0.74 0.00	26.31 0.68 0.00	35.04 0.77 0.00	31.85 0.72 0.00	32.99 0.90 0.00	38.32 1.13 0.00	42.89 1.44 0.00	39.67 1.20 0.00	38.69 0.80 0.00	34.11 0.34 0.00	32.26 0.26 0.00	30.85 0.27 0.00	32.76 0.34 0.00	31.13 0.41 0.00	28.25 0.44 0.00	35.59 1.06 0.00	39.45 1.11 0.00	43.38 1.23 0.00	43.54 1.26 0.00	42.67 1.42 0.00	43.63 1.41 0.00	34.04 1.09 0.00	32.38 0.95 0.00
BOWLINE___1 23526	42.73 1.05 0.00	35.31 0.89 0.00	26.30 0.67 0.00	35.12 0.86 0.00	31.93 0.80 0.00	32.96 0.87 0.00	38.25 1.06 0.00	42.54 1.08 0.00	39.67 1.20 0.00	39.14 1.25 0.00	34.92 1.15 0.00	33.14 1.14 0.00	31.68 1.11 0.00	33.61 1.19 0.00	31.74 1.03 0.00	28.71 0.90 0.00	35.59 1.06 0.00	39.36 1.01 0.00	43.30 1.14 0.00	43.44 1.16 0.00	42.36 1.11 0.00	43.37 1.15 0.00	34.01 1.06 0.00	32.42 1.00 0.00
BOWLINE___2 23595	42.72 1.04 0.00	35.30 0.89 0.00	26.29 0.67 0.00	35.12 0.86 0.00	31.92 0.79 0.00	32.95 0.86 0.00	38.24 1.05 0.00	42.53 1.07 0.00	39.65 1.19 0.00	39.13 1.24 0.00	34.91 1.14 0.00	33.14 1.14 0.00	31.67 1.09 0.00	33.60 1.18 0.00	31.73 1.02 0.00	28.70 0.90 0.00	35.58 1.05 0.00	39.35 1.01 0.00	43.29 1.13 0.00	43.44 1.16 0.00	42.36 1.11 0.00	43.36 1.14 0.00	34.00 1.06 0.00	32.41 0.98 0.00
BRADY___115KV_TB2 356060	42.78 1.10 0.00	35.31 0.90 0.00	26.22 0.59 0.00	35.15 0.89 0.00	31.91 0.78 0.00	32.60 0.51 0.00	38.21 1.03 0.00	42.78 1.33 0.00	39.59 1.12 0.00	38.79 0.90 0.00	34.57 0.80 0.00	32.74 0.74 0.00	31.29 0.71 0.00	33.18 0.75 0.00	31.40 0.69 0.00	28.40 0.59 0.00	35.16 0.63 0.00	39.22 0.88 0.00	43.73 1.58 0.00	43.93 1.65 0.00	42.73 1.48 0.00	43.69 1.47 0.00	33.95 1.01 0.00	32.33 0.91 0.00
BRANSCOMB___SOLAR 323811	43.06 1.37 0.00	35.43 1.02 0.00	26.48 0.86 0.00	35.33 1.06 0.00	32.10 0.97 0.00	33.18 1.09 0.00	38.52 1.33 0.00	43.03 1.58 0.00	39.70 1.23 0.00	38.66 0.77 0.00	34.12 0.35 0.00	32.26 0.26 0.00	30.82 0.25 0.00	32.72 0.29 0.00	31.06 0.35 0.00	28.21 0.40 0.00	35.60 1.06 0.00	39.63 1.29 0.00	43.64 1.49 0.00	43.80 1.52 0.00	42.86 1.61 0.00	43.80 1.58 0.00	34.16 1.21 0.00	32.49 1.07 0.00
BRDGHMPT_69_KV_BK1 55812	43.37 1.69 0.00	35.95 1.53 0.00	26.86 1.23 0.00	35.93 1.67 0.00	32.71 1.58 0.00	33.64 1.55 0.00	39.01 1.82 0.00	43.23 1.78 0.00	40.55 2.08 0.00	39.92 2.02 0.00	35.83 2.06 0.00	34.08 2.08 0.00	32.01 1.44 0.00	34.31 1.89 0.00	32.11 1.39 0.00	28.78 0.97 0.00	35.86 1.33 0.00	39.63 1.29 0.00	43.29 1.14 0.00	43.35 1.06 -0.01	64.97 1.29 -22.43	125.63 1.20 -82.21	33.95 1.00 0.00	32.20 0.77 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	43.36 1.68 0.00	35.76 1.35 0.00	26.65 1.02 0.00	35.54 1.28 0.00	32.35 1.22 0.00	33.25 1.16 0.00	38.45 1.26 0.00	42.59 1.14 0.00	39.98 1.51 0.00	39.53 1.64 0.00	35.41 1.64 0.00	33.64 1.64 0.00	31.76 1.19 0.00	33.96 1.54 0.00	32.00 1.28 0.00	28.71 0.90 0.00	35.59 1.06 0.00	39.40 1.06 0.00	43.24 1.09 0.00	43.33 1.05 0.00	44.75 1.24 -2.25	51.62 1.14 -8.26	34.11 1.17 0.00	32.51 1.09 0.00
BRISTLHL_115KV_TB1 79998	41.01 -0.67 0.00	33.88 -0.53 0.00	25.22 -0.41 0.00	33.72 -0.55 0.00	30.61 -0.52 0.00	31.56 -0.53 0.00	36.45 -0.74 0.00	40.54 -0.91 0.00	37.60 -0.87 0.00	37.01 -0.88 0.00	33.05 -0.72 0.00	31.32 -0.68 0.00	29.93 -0.64 0.00	31.72 -0.71 0.00	30.07 -0.64 0.00	27.24 -0.58 0.00	33.81 -0.72 0.00	37.60 -0.74 0.00	41.29 -0.87 0.00	41.41 -0.87 0.00	40.35 -0.90 0.00	41.30 -0.93 0.00	32.25 -0.70 0.00	30.78 -0.64 0.00
BROOKHAVEN___DRP 24191	43.04 1.36 0.00	35.59 1.18 0.00	26.54 0.91 0.00	35.45 1.19 0.00	32.28 1.14 0.00	33.17 1.08 0.00	38.40 1.21 0.00	42.53 1.07 0.00	39.89 1.43 0.00	39.37 1.48 0.00	35.31 1.54 0.00	33.57 1.57 0.00	31.61 1.03 0.00	33.91 1.48 0.00	31.82 1.10 0.00	28.56 0.75 0.00	35.48 0.95 0.00	39.29 0.95 0.00	43.08 0.93 0.00	43.19 0.90 -0.01	64.83 1.13 -22.46	125.64 1.12 -82.31	34.04 1.09 0.00	32.36 0.93 0.00
BROOKLYN_NAVY_YARD 23515	43.00 1.32 0.00	35.47 1.06 0.00	26.46 0.83 0.00	35.27 1.01 0.00	32.07 0.93 0.00	33.14 1.05 0.00	38.48 1.29 0.00	42.72 1.27 0.00	39.97 1.50 0.00	39.40 1.51 0.00	35.17 1.40 0.00	33.39 1.40 0.00	31.91 1.33 0.00	33.87 1.45 0.00	31.99 1.27 0.00	28.92 1.11 0.00	35.76 1.23 0.00	39.43 1.09 0.00	43.35 1.19 0.00	43.49 1.21 0.00	42.42 1.17 0.00	43.48 1.26 0.00	34.16 1.21 0.00	32.55 1.13 0.00
BROOKLYN___ARMY_DRP 323595	42.99 1.31 0.00	35.48 1.07 0.00	26.49 0.86 0.00	35.29 1.02 0.00	32.09 0.95 0.00	33.21 1.12 0.00	38.53 1.34 0.00	42.69 1.24 0.00	40.03 1.56 0.00	39.46 1.57 0.00	35.27 1.50 0.00	33.48 1.48 0.00	31.97 1.39 0.00	33.92 1.50 0.00	32.05 1.33 0.00	28.97 1.16 0.00	35.77 1.23 0.00	39.40 1.06 0.00	43.34 1.19 0.00	43.52 1.24 0.00	42.46 1.21 0.00	43.50 1.28 0.00	34.27 1.32 0.00	32.67 1.24 0.00
BROOME_2_LFGE 323671	41.59 -0.09 0.00	34.42 0.01 0.00	25.61 -0.02 0.00	34.30 0.03 0.00	31.07 -0.07 0.00	32.06 -0.03 0.00	37.18 -0.01 0.00	41.39 -0.06 0.00	38.33 -0.14 0.00	37.87 -0.02 0.00	33.79 0.02 0.00	32.04 0.04 0.00	30.55 -0.03 0.00	32.30 -0.12 0.00	30.65 -0.07 0.00	27.77 -0.04 0.00	34.41 -0.12 0.00	38.39 0.05 0.00	42.02 -0.13 0.00	42.13 -0.15 0.00	41.00 -0.25 0.00	42.01 -0.21 0.00	32.79 -0.16 0.00	31.41 -0.02 0.00
BROOME___LFGE 323600	41.59 -0.09 0.00	34.42 0.01 0.00	25.61 -0.02 0.00	34.30 0.03 0.00	31.07 -0.07 0.00	32.06 -0.03 0.00	37.18 -0.01 0.00	41.39 -0.06 0.00	38.33 -0.14 0.00	37.87 -0.02 0.00	33.79 0.02 0.00	32.04 0.04 0.00	30.55 -0.03 0.00	32.30 -0.12 0.00	30.65 -0.07 0.00	27.77 -0.04 0.00	34.41 -0.12 0.00	38.39 0.05 0.00	42.02 -0.13 0.00	42.13 -0.15 0.00	41.00 -0.25 0.00	42.01 -0.21 0.00	32.79 -0.16 0.00	31.41 -0.02 0.00
BROWNFLS_115KV_TB_3_5 80003	42.05 0.37 0.00	34.73 0.32 0.00	25.76 0.13 0.00	34.57 0.31 0.00	31.59 0.46 0.00	32.53 0.44 0.00	37.99 0.80 0.00	42.56 1.11 0.00	39.30 0.83 0.00	38.61 0.72 0.00	34.34 0.57 0.00	32.28 0.28 0.00	30.89 0.31 0.00	32.61 0.18 0.00	30.92 0.21 0.00	28.00 0.19 0.00	35.03 0.49 0.00	39.39 1.05 0.00	43.85 1.70 0.00	44.05 1.77 0.00	42.86 1.62 0.00	43.86 1.64 0.00	34.00 1.05 0.00	32.15 0.73 0.00
BROWNSV1_27_KV_LOAD 356125	43.48 1.80 0.00	35.86 1.45 0.00	26.73 1.11 0.00	35.64 1.38 0.00	32.41 1.27 0.00	33.48 1.39 0.00	38.85 1.66 0.00	43.14 1.69 0.00	40.36 1.90 0.00	39.82 1.92 0.00	35.56 1.79 0.00	33.78 1.78 0.00	32.28 1.70 0.00	34.26 1.84 0.00	32.36 1.65 0.00	29.25 1.44 0.00	36.17 1.64 0.00	39.92 1.58 0.00	43.88 1.73 0.00	44.04 1.76 0.00	42.94 1.69 0.00	43.99 1.77 0.00	34.55 1.60 0.00	32.93 1.51 0.00
BURROWS___LYONSDAL 23803	41.89 0.21 0.00	34.60 0.18 0.00	25.68 0.05 0.00	34.43 0.17 0.00	31.51 0.37 0.00	32.61 0.52 0.00	37.90 0.71 0.00	42.37 0.92 0.00	39.11 0.64 0.00	38.43 0.54 0.00	34.16 0.39 0.00	32.14 0.14 0.00	30.72 0.15 0.00	32.41 -0.01 0.00	30.81 0.09 0.00	27.97 0.16 0.00	35.05 0.51 0.00	39.43 1.09 0.00	43.64 1.49 0.00	43.81 1.53 0.00	42.66 1.42 0.00	43.59 1.37 0.00	33.88 0.93 0.00	32.03 0.60 0.00
CAITHNESS_CC_1 323624	43.04 1.36 0.00	35.60 1.18 0.00	26.53 0.91 0.00	35.45 1.19 0.00	32.26 1.13 0.00	33.17 1.08 0.00	38.39 1.20 0.00	42.51 1.06 0.00	39.89 1.42 0.00	39.37 1.48 0.00	35.31 1.54 0.00	33.57 1.57 0.00	31.62 1.05 0.00	33.90 1.47 0.00	31.82 1.11 0.00	28.57 0.76 0.00	35.48 0.94 0.00	39.29 0.95 0.00	43.07 0.92 0.00	43.19 0.90 -0.01	64.86 1.13 -22.48	125.74 1.12 -82.40	34.04 1.09 0.00	32.37 0.94 0.00
CALPINE BETH_PAGE_GT4 24209	43.09 1.41 0.00	35.59 1.18 0.00	26.51 0.88 0.00	35.36 1.10 0.00	32.18 1.05 0.00	33.09 1.01 0.00	38.30 1.11 0.00	42.49 1.04 0.00	39.82 1.36 0.00	39.39 1.50 0.00	35.31 1.55 0.00	33.51 1.51 0.00	31.74 1.16 0.00	33.88 1.46 0.00	31.94 1.22 0.00	28.67 0.87 0.00	35.43 0.90 0.00	39.20 0.86 0.00	43.10 0.95 0.00	43.20 0.92 0.00	42.31 1.05 0.00	43.42 1.20 0.00	34.09 1.14 0.00	32.48 1.06 0.00
CALPINE_BETH_PAGE_GT_4 323586	43.09 1.40 0.00	35.59 1.18 0.00	26.51 0.88 0.00	35.36 1.10 0.00	32.18 1.05 0.00	33.09 1.00 0.00	38.30 1.11 0.00	42.48 1.03 0.00	39.83 1.36 0.00	39.39 1.50 0.00	35.31 1.55 0.00	33.51 1.51 0.00	31.74 1.16 0.00	33.88 1.46 0.00	31.94 1.22 0.00	28.67 0.87 0.00	35.43 0.90 0.00	39.20 0.86 0.00	43.10 0.95 0.00	43.20 0.92 0.00	42.31 1.05 0.00	43.42 1.20 0.00	34.09 1.14 0.00	32.48 1.06 0.00
CALPINE_BP_GT1 23823	43.09 1.40 0.00	35.59 1.18 0.00	26.51 0.88 0.00	35.36 1.10 0.00	32.18 1.05 0.00	33.09 1.00 0.00	38.30 1.11 0.00	42.48 1.03 0.00	39.83 1.36 0.00	39.39 1.50 0.00	35.31 1.55 0.00	33.51 1.51 0.00	31.74 1.16 0.00	33.88 1.46 0.00	31.94 1.22 0.00	28.67 0.87 0.00	35.43 0.90 0.00	39.20 0.86 0.00	43.10 0.95 0.00	43.20 0.92 0.00	42.31 1.05 0.00	43.42 1.20 0.00	34.09 1.14 0.00	32.48 1.06 0.00
CALSPAN___DRP 24200	41.14 -0.54 0.00	34.09 -0.32 0.00	25.20 -0.42 0.00	33.99 -0.27 0.00	30.73 -0.40 0.00	31.57 -0.52 0.00	36.08 -1.11 0.00	40.00 -1.45 0.00	37.38 -1.09 0.00	37.47 -0.42 0.00	34.00 0.23 0.00	32.26 0.26 0.00	30.87 0.30 0.00	32.47 0.05 0.00	30.96 0.24 0.00	27.81 0.00 0.00	33.54 -0.99 0.00	37.24 -1.10 0.00	40.50 -1.65 0.00	40.36 -1.92 0.00	38.99 -2.26 0.00	40.05 -2.17 0.00	31.64 -1.31 0.00	30.95 -0.48 0.00

CALVERTON___SOLAR 323806	43.05 1.37 0.00	35.61 1.20 0.00	26.56 0.93 0.00	35.49 1.22 0.00	32.30 1.17 0.00	33.20 1.11 0.00	38.46 1.27 0.00	42.58 1.13 0.00	39.95 1.48 0.00	39.41 1.51 0.00	35.34 1.57 0.00	33.60 1.60 0.00	31.63 1.05 0.00	33.94 1.51 0.00	31.83 1.11 0.00	28.57 0.76 0.00	35.52 0.98 0.00	39.32 0.98 0.00	43.11 0.96 0.00	43.21 0.92 -0.01	64.87 1.16 -22.46	125.67 1.13 -82.32	34.04 1.09 0.00	32.34 0.92 0.00
CANDIGU_WT_PWR 323617	40.03 -1.65 0.00	33.25 -1.17 0.00	24.68 -0.95 0.00	33.14 -1.13 0.00	29.95 -1.18 0.00	30.94 -1.15 0.00	35.81 -1.37 0.00	39.90 -1.55 0.00	37.23 -1.24 0.00	37.18 -0.71 0.00	33.37 -0.40 0.00	31.63 -0.37 0.00	30.34 -0.23 0.00	32.02 -0.40 0.00	30.52 -0.19 0.00	27.67 -0.14 0.00	33.92 -0.62 0.00	37.80 -0.55 0.00	41.08 -1.07 0.00	40.84 -1.44 0.00	39.64 -1.61 0.00	40.69 -1.53 0.00	31.64 -1.30 0.00	30.57 -0.85 0.00
CARR STREET_E_SYR 24060	41.28 -0.40 0.00	34.11 -0.30 0.00	25.37 -0.26 0.00	33.94 -0.33 0.00	30.80 -0.33 0.00	31.76 -0.33 0.00	36.71 -0.48 0.00	40.83 -0.62 0.00	37.85 -0.61 0.00	37.27 -0.62 0.00	33.28 -0.49 0.00	31.56 -0.44 0.00	30.15 -0.43 0.00	31.95 -0.47 0.00	30.31 -0.41 0.00	27.44 -0.37 0.00	34.04 -0.50 0.00	37.80 -0.54 0.00	41.46 -0.69 0.00	41.57 -0.71 0.00	40.49 -0.76 0.00	41.45 -0.77 0.00	32.46 -0.49 0.00	31.00 -0.43 0.00
CARTHAGE___PAPER 23857	41.99 0.31 0.00	34.72 0.31 0.00	25.74 0.11 0.00	34.60 0.33 0.00	31.70 0.57 0.00	32.77 0.68 0.00	38.19 1.00 0.00	42.76 1.31 0.00	39.35 0.89 0.00	38.64 0.75 0.00	34.31 0.54 0.00	31.99 0.00 0.00	30.71 0.14 0.00	32.28 -0.14 0.00	30.64 -0.08 0.00	27.85 0.04 0.00	35.22 0.69 0.00	39.92 1.57 0.00	44.52 2.37 0.00	44.71 2.43 0.00	43.50 2.25 0.00	44.42 2.20 0.00	34.35 1.40 0.00	32.32 0.89 0.00
CASSADAGA_WT_PWR 323784	39.60 -2.08 0.00	32.85 -1.55 0.00	24.28 -1.35 0.00	32.80 -1.47 0.00	29.81 -1.32 0.00	30.60 -1.49 0.00	35.09 -2.10 0.00	39.33 -2.12 0.00	37.02 -1.45 0.00	37.44 -0.45 0.00	34.07 0.30 0.00	32.44 0.44 0.00	30.98 0.41 0.00	32.69 0.27 0.00	31.27 0.55 0.00	28.16 0.35 0.00	34.11 -0.42 0.00	38.09 -0.26 0.00	41.44 -0.71 0.00	41.08 -1.20 0.00	39.51 -1.74 0.00	39.82 -2.40 0.00	31.08 -1.86 0.00	30.56 -0.87 0.00
CE_DUNWOOD___DRP 24194	43.00 1.32 0.00	35.50 1.08 0.00	26.46 0.83 0.00	35.30 1.03 0.00	32.09 0.96 0.00	33.14 1.05 0.00	38.44 1.25 0.00	42.72 1.27 0.00	39.88 1.42 0.00	39.33 1.44 0.00	35.08 1.32 0.00	33.31 1.31 0.00	31.83 1.25 0.00	33.79 1.36 0.00	31.92 1.21 0.00	28.87 1.06 0.00	35.78 1.24 0.00	39.52 1.18 0.00	43.43 1.28 0.00	43.59 1.31 0.00	42.53 1.28 0.00	43.56 1.34 0.00	34.18 1.23 0.00	32.56 1.14 0.00
CE_MILLWOOD___DRP 24193	42.90 1.22 0.00	35.42 1.01 0.00	26.40 0.78 0.00	35.23 0.96 0.00	32.03 0.89 0.00	33.07 0.98 0.00	38.36 1.17 0.00	42.66 1.21 0.00	39.80 1.34 0.00	39.24 1.35 0.00	35.00 1.23 0.00	33.23 1.23 0.00	31.74 1.17 0.00	33.70 1.27 0.00	31.84 1.13 0.00	28.79 0.98 0.00	35.71 1.17 0.00	39.45 1.11 0.00	43.38 1.23 0.00	43.53 1.25 0.00	42.48 1.23 0.00	43.49 1.28 0.00	34.11 1.16 0.00	32.50 1.08 0.00
CE_NYC2_DRP 24202	43.10 1.42 0.00	35.53 1.12 0.00	26.52 0.90 0.00	35.34 1.08 0.00	32.13 1.00 0.00	33.26 1.17 0.00	38.60 1.41 0.00	42.79 1.34 0.00	40.07 1.61 0.00	39.49 1.60 0.00	35.30 1.53 0.00	33.53 1.54 0.00	32.03 1.46 0.00	33.99 1.57 0.00	32.11 1.40 0.00	29.02 1.21 0.00	35.86 1.32 0.00	39.52 1.17 0.00	43.40 1.25 0.00	43.57 1.29 0.00	42.51 1.26 0.00	43.56 1.34 0.00	34.28 1.34 0.00	32.68 1.25 0.00
CE_NYC_DRP 24195	43.19 1.51 0.00	35.64 1.22 0.00	26.57 0.94 0.00	35.43 1.16 0.00	32.21 1.08 0.00	33.28 1.19 0.00	38.60 1.42 0.00	42.88 1.43 0.00	40.10 1.63 0.00	39.54 1.65 0.00	35.29 1.53 0.00	33.53 1.53 0.00	32.03 1.46 0.00	34.00 1.58 0.00	32.12 1.40 0.00	29.04 1.23 0.00	35.92 1.39 0.00	39.64 1.29 0.00	43.55 1.40 0.00	43.70 1.42 0.00	42.63 1.38 0.00	43.67 1.45 0.00	34.31 1.37 0.00	32.69 1.27 0.00
CHAFFEE___LFGE 323603	41.26 -0.42 0.00	34.18 -0.23 0.00	25.28 -0.35 0.00	34.08 -0.18 0.00	30.82 -0.31 0.00	31.66 -0.42 0.00	36.19 -1.00 0.00	40.16 -1.29 0.00	37.49 -0.97 0.00	37.62 -0.27 0.00	34.12 0.35 0.00	32.38 0.38 0.00	30.98 0.40 0.00	32.58 0.15 0.00	31.04 0.33 0.00	27.89 0.07 0.00	33.64 -0.90 0.00	37.38 -0.97 0.00	40.65 -1.50 0.00	40.51 -1.77 0.00	39.14 -2.11 0.00	40.21 -2.01 0.00	31.75 -1.19 0.00	31.03 -0.39 0.00
CHATEAUG_35_KV_LOAD 355732	41.53 -0.15 0.00	34.17 -0.24 0.00	25.47 -0.15 0.00	34.23 -0.03 0.00	31.30 0.17 0.00	32.23 0.14 0.00	37.57 0.38 0.00	42.19 0.74 0.00	39.29 0.82 0.00	38.74 0.85 0.00	34.52 0.75 0.00	32.73 0.73 0.00	31.23 0.65 0.00	33.13 0.70 0.00	31.35 0.63 0.00	28.33 0.52 0.00	35.08 0.55 0.00	38.92 0.57 0.00	43.06 0.91 0.00	43.18 0.90 0.00	42.09 0.84 0.00	43.01 0.79 0.00	33.46 0.52 0.00	31.86 0.44 0.00
CHATEAUG_WT_PWR 323614	41.49 -0.19 0.00	34.16 -0.26 0.00	25.47 -0.16 0.00	34.22 -0.04 0.00	31.28 0.14 0.00	32.18 0.09 0.00	37.52 0.33 0.00	42.10 0.65 0.00	39.20 0.74 0.00	38.69 0.80 0.00	34.49 0.72 0.00	32.71 0.71 0.00	31.21 0.63 0.00	33.11 0.68 0.00	31.33 0.62 0.00	28.33 0.52 0.00	35.09 0.56 0.00	38.93 0.59 0.00	42.96 0.81 0.00	43.07 0.79 0.00	41.97 0.72 0.00	42.92 0.70 0.00	33.40 0.45 0.00	31.81 0.39 0.00
CHAT_HIGH_FALL_HYD 323578	41.53 -0.15 0.00	34.17 -0.24 0.00	25.47 -0.15 0.00	34.23 -0.03 0.00	31.30 0.17 0.00	32.23 0.14 0.00	37.57 0.38 0.00	42.19 0.74 0.00	39.29 0.82 0.00	38.74 0.85 0.00	34.52 0.75 0.00	32.73 0.73 0.00	31.23 0.65 0.00	33.13 0.70 0.00	31.35 0.63 0.00	28.33 0.52 0.00	35.08 0.55 0.00	38.92 0.57 0.00	43.06 0.91 0.00	43.18 0.90 0.00	42.09 0.84 0.00	43.01 0.79 0.00	33.46 0.52 0.00	31.86 0.44 0.00
CHAUTAUQUA___LFGE 323629	40.28 -1.39 0.00	33.40 -1.01 0.00	24.70 -0.93 0.00	33.36 -0.91 0.00	30.20 -0.94 0.00	31.01 -1.08 0.00	35.57 -1.62 0.00	39.67 -1.78 0.00	37.09 -1.38 0.00	37.42 -0.47 0.00	33.94 0.17 0.00	32.27 0.27 0.00	30.82 0.25 0.00	32.45 0.02 0.00	30.94 0.22 0.00	27.86 0.05 0.00	33.73 -0.81 0.00	37.65 -0.69 0.00	40.93 -1.22 0.00	40.73 -1.55 0.00	39.21 -2.04 0.00	39.90 -2.32 0.00	31.33 -1.62 0.00	30.71 -0.72 0.00
CHERRYST_13_KV_LD 356241	43.29 1.61 0.00	35.72 1.31 0.00	26.63 1.01 0.00	35.51 1.24 0.00	32.29 1.15 0.00	33.36 1.27 0.00	38.71 1.52 0.00	42.98 1.53 0.00	40.21 1.74 0.00	39.64 1.75 0.00	35.39 1.62 0.00	33.62 1.63 0.00	32.13 1.55 0.00	34.10 1.68 0.00	32.21 1.50 0.00	29.11 1.30 0.00	36.02 1.49 0.00	39.75 1.40 0.00	43.68 1.53 0.00	43.81 1.53 0.00	42.73 1.49 0.00	43.78 1.56 0.00	34.39 1.45 0.00	32.78 1.36 0.00

CHESTROR_138KV_BK263 355645	42.71 1.03 0.00	35.33 0.92 0.00	26.30 0.67 0.00	35.14 0.87 0.00	31.94 0.81 0.00	32.97 0.88 0.00	38.25 1.07 0.00	42.57 1.12 0.00	39.65 1.19 0.00	39.11 1.22 0.00	34.86 1.09 0.00	33.10 1.10 0.00	31.63 1.05 0.00	33.57 1.14 0.00	31.72 1.01 0.00	28.71 0.90 0.00	35.61 1.07 0.00	39.40 1.06 0.00	43.34 1.19 0.00	43.50 1.22 0.00	42.41 1.16 0.00	43.41 1.19 0.00	34.02 1.07 0.00	32.43 1.00 0.00
CH_MIDHUDSON___DRP 24192	43.01 1.33 0.00	35.48 1.07 0.00	26.45 0.82 0.00	35.27 1.01 0.00	32.06 0.93 0.00	33.13 1.05 0.00	38.45 1.26 0.00	42.82 1.37 0.00	39.90 1.43 0.00	39.27 1.38 0.00	34.96 1.19 0.00	33.17 1.17 0.00	31.71 1.14 0.00	33.67 1.24 0.00	31.84 1.13 0.00	28.82 1.01 0.00	35.81 1.27 0.00	39.63 1.28 0.00	43.52 1.37 0.00	43.69 1.41 0.00	42.65 1.41 0.00	43.67 1.45 0.00	34.19 1.24 0.00	32.56 1.13 0.00
CH_MISC_IPPS 23765	43.20 1.52 0.00	35.67 1.26 0.00	26.57 0.95 0.00	35.47 1.20 0.00	32.23 1.10 0.00	33.30 1.21 0.00	38.65 1.46 0.00	43.03 1.58 0.00	40.11 1.65 0.00	39.50 1.61 0.00	35.18 1.41 0.00	33.39 1.40 0.00	31.94 1.37 0.00	33.90 1.48 0.00	32.06 1.34 0.00	29.02 1.21 0.00	36.03 1.49 0.00	39.87 1.53 0.00	43.81 1.66 0.00	43.99 1.71 0.00	42.90 1.65 0.00	43.91 1.69 0.00	34.38 1.43 0.00	32.74 1.32 0.00
CH_RES_BVR_FALLS 23983	40.73 -0.95 0.00	33.68 -0.73 0.00	25.09 -0.54 0.00	33.61 -0.65 0.00	30.58 -0.56 0.00	31.56 -0.53 0.00	36.77 -0.41 0.00	41.06 -0.40 0.00	38.21 -0.26 0.00	37.91 0.02 0.00	33.91 0.14 0.00	32.14 0.14 0.00	30.67 0.10 0.00	32.53 0.10 0.00	30.86 0.14 0.00	27.91 0.10 0.00	34.64 0.10 0.00	38.46 0.12 0.00	42.32 0.17 0.00	42.45 0.17 0.00	41.40 0.15 0.00	42.35 0.13 0.00	32.86 -0.08 0.00	31.16 -0.26 0.00
CH_RES_NIAGARA 23895	40.89 -0.79 0.00	33.88 -0.53 0.00	25.04 -0.59 0.00	33.79 -0.48 0.00	30.51 -0.62 0.00	31.29 -0.80 0.00	35.37 -1.81 0.00	39.13 -2.33 0.00	36.61 -1.86 0.00	36.71 -1.18 0.00	33.55 -0.22 0.00	31.83 -0.17 0.00	30.50 -0.08 0.00	32.08 -0.34 0.00	30.58 -0.14 0.00	27.40 -0.41 0.00	32.73 -1.80 0.00	36.19 -2.16 0.00	39.36 -2.79 0.00	39.27 -3.01 0.00	37.93 -3.32 0.00	39.09 -3.13 0.00	31.11 -1.84 0.00	30.54 -0.88 0.00
CH_RES_SYRACUSE 23985	41.52 -0.15 0.00	34.31 -0.10 0.00	25.51 -0.12 0.00	34.14 -0.13 0.00	30.99 -0.15 0.00	31.96 -0.13 0.00	36.96 -0.23 0.00	41.10 -0.35 0.00	38.06 -0.41 0.00	37.46 -0.43 0.00	33.45 -0.31 0.00	31.73 -0.27 0.00	30.33 -0.25 0.00	32.13 -0.30 0.00	30.48 -0.23 0.00	27.61 -0.20 0.00	34.27 -0.26 0.00	38.14 -0.20 0.00	41.85 -0.30 0.00	41.93 -0.35 0.00	40.86 -0.39 0.00	41.81 -0.41 0.00	32.66 -0.29 0.00	31.20 -0.23 0.00
CLINTON_WT_PWR 323605	41.49 -0.19 0.00	34.16 -0.26 0.00	25.47 -0.16 0.00	34.22 -0.04 0.00	31.28 0.14 0.00	32.18 0.09 0.00	37.52 0.33 0.00	42.10 0.65 0.00	39.20 0.74 0.00	38.69 0.80 0.00	34.49 0.72 0.00	32.71 0.71 0.00	31.21 0.63 0.00	33.11 0.68 0.00	31.33 0.62 0.00	28.33 0.52 0.00	35.09 0.56 0.00	38.93 0.59 0.00	42.96 0.81 0.00	43.07 0.79 0.00	41.97 0.72 0.00	42.92 0.70 0.00	33.40 0.45 0.00	31.81 0.39 0.00
CLINTON___LFGE 323618	41.82 0.14 0.00	34.34 -0.08 0.00	25.67 0.05 0.00	34.54 0.27 0.00	31.63 0.49 0.00	32.62 0.53 0.00	38.15 0.96 0.00	42.93 1.48 0.00	39.95 1.48 0.00	39.35 1.46 0.00	35.03 1.26 0.00	33.23 1.23 0.00	31.65 1.08 0.00	33.55 1.12 0.00	31.75 1.04 0.00	28.77 0.96 0.00	35.71 1.18 0.00	39.63 1.29 0.00	43.84 1.69 0.00	43.95 1.67 0.00	42.92 1.67 0.00	43.84 1.62 0.00	34.07 1.13 0.00	32.37 0.94 0.00
COBBLENY_34_KV_TB1 80064	41.26 -0.42 0.00	34.18 -0.24 0.00	25.27 -0.36 0.00	34.08 -0.18 0.00	30.81 -0.32 0.00	31.65 -0.44 0.00	36.19 -1.00 0.00	40.15 -1.30 0.00	37.51 -0.95 0.00	37.62 -0.27 0.00	34.12 0.35 0.00	32.38 0.38 0.00	30.98 0.40 0.00	32.58 0.15 0.00	31.04 0.33 0.00	27.88 0.07 0.00	33.64 -0.89 0.00	37.37 -0.97 0.00	40.65 -1.50 0.00	40.51 -1.77 0.00	39.14 -2.11 0.00	40.21 -2.01 0.00	31.75 -1.20 0.00	31.03 -0.39 0.00
COFFEEN___115KV_TB3 355620	42.12 0.44 0.00	34.82 0.41 0.00	25.83 0.20 0.00	34.76 0.49 0.00	31.80 0.67 0.00	32.86 0.78 0.00	38.27 1.08 0.00	42.80 1.35 0.00	39.35 0.89 0.00	38.64 0.75 0.00	34.34 0.57 0.00	31.74 -0.26 0.00	30.64 0.06 0.00	32.12 -0.30 0.00	30.44 -0.28 0.00	27.65 -0.15 0.00	35.25 0.72 0.00	40.06 1.72 0.00	44.72 2.57 0.00	44.90 2.62 0.00	43.68 2.43 0.00	44.59 2.37 0.00	34.41 1.46 0.00	32.35 0.93 0.00
COLDSPRG_115KV_BK1 355956	40.77 -0.91 0.00	33.88 -0.53 0.00	25.09 -0.54 0.00	33.88 -0.39 0.00	30.69 -0.44 0.00	31.55 -0.54 0.00	36.26 -0.92 0.00	40.54 -0.92 0.00	37.97 -0.49 0.00	38.22 0.33 0.00	34.63 0.87 0.00	32.88 0.88 0.00	31.30 0.73 0.00	32.87 0.45 0.00	31.39 0.67 0.00	28.26 0.45 0.00	34.26 -0.28 0.00	38.22 -0.12 0.00	41.64 -0.51 0.00	41.40 -0.88 0.00	39.91 -1.34 0.00	40.65 -1.57 0.00	31.81 -1.14 0.00	31.17 -0.25 0.00
COLONIE_LFGE___ 323577	42.53 0.85 0.00	35.01 0.60 0.00	26.17 0.54 0.00	34.86 0.60 0.00	31.71 0.58 0.00	32.78 0.70 0.00	38.03 0.85 0.00	42.48 1.03 0.00	39.33 0.87 0.00	38.51 0.62 0.00	34.06 0.29 0.00	32.23 0.23 0.00	30.83 0.25 0.00	32.72 0.30 0.00	31.02 0.30 0.00	28.15 0.34 0.00	35.33 0.79 0.00	39.14 0.79 0.00	43.04 0.89 0.00	43.19 0.91 0.00	42.27 1.02 0.00	43.24 1.02 0.00	33.77 0.82 0.00	32.15 0.72 0.00
COOPERNY_115KV_TB1 80082	42.54 0.85 0.00	35.21 0.80 0.00	26.22 0.59 0.00	35.02 0.75 0.00	31.76 0.62 0.00	32.78 0.69 0.00	38.02 0.84 0.00	42.32 0.87 0.00	39.36 0.90 0.00	38.82 0.93 0.00	34.61 0.84 0.00	32.82 0.82 0.00	31.36 0.78 0.00	33.24 0.82 0.00	31.45 0.74 0.00	28.48 0.66 0.00	35.34 0.80 0.00	39.17 0.83 0.00	43.02 0.87 0.00	43.19 0.91 0.00	42.15 0.89 0.00	43.14 0.92 0.00	33.76 0.81 0.00	32.19 0.76 0.00
COPENHAGEN_WT_PWR 323753	41.28 -0.40 0.00	34.22 -0.19 0.00	25.39 -0.23 0.00	34.19 -0.08 0.00	31.33 0.20 0.00	32.35 0.26 0.00	37.67 0.48 0.00	42.14 0.68 0.00	38.87 0.40 0.00	38.29 0.40 0.00	34.09 0.32 0.00	31.67 -0.33 0.00	30.45 -0.13 0.00	31.95 -0.47 0.00	30.33 -0.39 0.00	27.60 -0.22 0.00	34.98 0.45 0.00	39.64 1.30 0.00	44.15 2.00 0.00	44.32 2.05 0.00	43.14 1.90 0.00	44.07 1.85 0.00	33.95 1.01 0.00	31.91 0.48 0.00
CORNELL_____ 23752	42.16 0.47 0.00	34.86 0.45 0.00	25.90 0.28 0.00	34.68 0.41 0.00	31.45 0.32 0.00	32.47 0.38 0.00	37.64 0.45 0.00	41.89 0.44 0.00	38.72 0.25 0.00	37.95 0.06 0.00	33.79 0.02 0.00	32.00 0.00 0.00	30.60 0.03 0.00	32.46 0.04 0.00	30.86 0.14 0.00	28.03 0.22 0.00	34.84 0.31 0.00	38.93 0.59 0.00	42.79 0.63 0.00	42.88 0.60 0.00	41.71 0.46 0.00	42.66 0.44 0.00	33.27 0.32 0.00	31.77 0.34 0.00

CORONA_69_KV_TB1 355595	43.25 1.57 0.00	35.65 1.24 0.00	26.56 0.93 0.00	35.46 1.19 0.00	32.25 1.11 0.00	33.20 1.11 0.00	38.41 1.22 0.00	42.64 1.19 0.00	39.94 1.47 0.00	39.44 1.55 0.00	35.37 1.60 0.00	33.56 1.57 0.00	31.83 1.26 0.00	33.97 1.54 0.00	32.01 1.29 0.00	28.80 0.99 0.00	35.72 1.18 0.00	39.48 1.14 0.00	43.41 1.25 0.00	43.54 1.27 0.00	42.60 1.36 0.00	43.57 1.35 0.00	34.21 1.26 0.00	32.62 1.20 0.00
CORTLAND_115KV_TB3 80093	41.85 0.17 0.00	34.59 0.18 0.00	25.74 0.11 0.00	34.44 0.17 0.00	31.25 0.12 0.00	32.25 0.16 0.00	37.36 0.18 0.00	41.60 0.15 0.00	38.51 0.04 0.00	37.84 -0.05 0.00	33.71 -0.06 0.00	31.94 -0.06 0.00	30.49 -0.09 0.00	32.31 -0.11 0.00	30.68 -0.04 0.00	27.81 0.00 0.00	34.55 0.02 0.00	38.61 0.27 0.00	42.40 0.25 0.00	42.51 0.23 0.00	41.37 0.12 0.00	42.34 0.12 0.00	33.04 0.09 0.00	31.54 0.11 0.00
COXSACKIE___GT 23611	43.31 1.63 0.00	35.64 1.23 0.00	26.65 1.02 0.00	35.44 1.18 0.00	32.25 1.12 0.00	33.39 1.30 0.00	38.79 1.61 0.00	43.53 2.08 0.00	40.22 1.75 0.00	38.82 0.93 0.00	34.19 0.42 0.00	32.28 0.28 0.00	30.85 0.28 0.00	32.67 0.25 0.00	31.18 0.46 0.00	28.52 0.71 0.00	35.91 1.37 0.00	40.09 1.75 0.00	44.25 2.10 0.00	44.31 2.03 0.00	43.27 2.02 0.00	44.18 1.96 0.00	34.44 1.49 0.00	32.72 1.29 0.00
CPV_VALLEY___CC1 323721	42.55 0.87 0.00	35.24 0.83 0.00	26.24 0.61 0.00	35.06 0.80 0.00	31.90 0.76 0.00	32.93 0.84 0.00	38.20 1.02 0.00	42.50 1.05 0.00	39.62 1.15 0.00	39.08 1.19 0.00	34.85 1.08 0.00	33.08 1.08 0.00	31.61 1.04 0.00	33.54 1.12 0.00	31.69 0.97 0.00	28.68 0.87 0.00	35.55 1.02 0.00	39.35 1.01 0.00	43.27 1.12 0.00	43.43 1.15 0.00	42.34 1.09 0.00	43.35 1.13 0.00	33.97 1.02 0.00	32.37 0.95 0.00
CPV_VALLEY___CC2 323722	42.55 0.87 0.00	35.24 0.83 0.00	26.24 0.61 0.00	35.06 0.80 0.00	31.90 0.76 0.00	32.93 0.84 0.00	38.20 1.02 0.00	42.50 1.05 0.00	39.62 1.15 0.00	39.08 1.19 0.00	34.85 1.08 0.00	33.08 1.08 0.00	31.61 1.04 0.00	33.54 1.12 0.00	31.69 0.97 0.00	28.68 0.87 0.00	35.55 1.02 0.00	39.35 1.01 0.00	43.27 1.12 0.00	43.43 1.15 0.00	42.34 1.09 0.00	43.35 1.13 0.00	33.97 1.02 0.00	32.37 0.95 0.00
CRESCENT___HYD 24018	42.53 0.85 0.00	35.01 0.60 0.00	26.17 0.54 0.00	34.86 0.60 0.00	31.71 0.58 0.00	32.78 0.70 0.00	38.03 0.85 0.00	42.48 1.03 0.00	39.33 0.87 0.00	38.51 0.62 0.00	34.06 0.29 0.00	32.23 0.23 0.00	30.83 0.25 0.00	32.72 0.30 0.00	31.02 0.30 0.00	28.15 0.34 0.00	35.33 0.79 0.00	39.14 0.79 0.00	43.04 0.89 0.00	43.19 0.91 0.00	42.27 1.02 0.00	43.24 1.02 0.00	33.77 0.82 0.00	32.15 0.72 0.00
CRICKET___VALLEY_CC1 323756	42.66 0.98 0.00	35.14 0.73 0.00	26.23 0.60 0.00	34.96 0.70 0.00	31.77 0.64 0.00	32.85 0.76 0.00	38.13 0.95 0.00	42.50 1.05 0.00	39.59 1.12 0.00	38.91 1.02 0.00	34.55 0.78 0.00	32.75 0.75 0.00	31.31 0.74 0.00	33.25 0.83 0.00	31.47 0.75 0.00	28.49 0.68 0.00	35.48 0.94 0.00	39.27 0.93 0.00	43.13 0.98 0.00	43.32 1.04 0.00	42.34 1.09 0.00	43.34 1.12 0.00	33.90 0.95 0.00	32.26 0.83 0.00
CRICKET___VALLEY_CC2 323757	42.66 0.98 0.00	35.14 0.73 0.00	26.23 0.60 0.00	34.96 0.70 0.00	31.77 0.64 0.00	32.85 0.76 0.00	38.13 0.95 0.00	42.50 1.05 0.00	39.59 1.12 0.00	38.91 1.02 0.00	34.55 0.78 0.00	32.75 0.75 0.00	31.31 0.74 0.00	33.25 0.83 0.00	31.47 0.75 0.00	28.49 0.68 0.00	35.48 0.94 0.00	39.27 0.93 0.00	43.13 0.98 0.00	43.32 1.04 0.00	42.34 1.09 0.00	43.34 1.12 0.00	33.90 0.95 0.00	32.26 0.83 0.00
CRICKET___VALLEY_CC3 323758	42.66 0.98 0.00	35.14 0.73 0.00	26.23 0.60 0.00	34.96 0.70 0.00	31.77 0.64 0.00	32.85 0.76 0.00	38.13 0.95 0.00	42.50 1.05 0.00	39.59 1.12 0.00	38.91 1.02 0.00	34.55 0.78 0.00	32.75 0.75 0.00	31.31 0.74 0.00	33.25 0.83 0.00	31.47 0.75 0.00	28.49 0.68 0.00	35.48 0.94 0.00	39.27 0.93 0.00	43.13 0.98 0.00	43.32 1.04 0.00	42.34 1.09 0.00	43.34 1.12 0.00	33.90 0.95 0.00	32.26 0.83 0.00
CRUCIBLE_METL_DRP 24180	41.52 -0.16 0.00	34.31 -0.10 0.00	25.51 -0.12 0.00	34.14 -0.13 0.00	30.99 -0.15 0.00	31.96 -0.13 0.00	36.96 -0.23 0.00	41.10 -0.35 0.00	38.06 -0.41 0.00	37.46 -0.43 0.00	33.46 -0.31 0.00	31.73 -0.27 0.00	30.33 -0.25 0.00	32.13 -0.30 0.00	30.48 -0.23 0.00	27.61 -0.20 0.00	34.28 -0.26 0.00	38.14 -0.20 0.00	41.85 -0.30 0.00	41.93 -0.35 0.00	40.86 -0.39 0.00	41.81 -0.41 0.00	32.66 -0.29 0.00	31.20 -0.23 0.00
DAHOWA___HYDRO 323763	43.22 1.54 0.00	35.55 1.14 0.00	26.58 0.95 0.00	35.45 1.18 0.00	32.22 1.09 0.00	33.30 1.21 0.00	38.67 1.48 0.00	43.21 1.76 0.00	39.85 1.38 0.00	38.78 0.88 0.00	34.20 0.43 0.00	32.30 0.31 0.00	30.87 0.29 0.00	32.76 0.33 0.00	31.12 0.41 0.00	28.29 0.48 0.00	35.72 1.18 0.00	39.80 1.46 0.00	43.85 1.69 0.00	44.02 1.74 0.00	43.07 1.82 0.00	44.00 1.78 0.00	34.29 1.35 0.00	32.61 1.18 0.00
DANC___LFGE 323619	41.25 -0.43 0.00	34.12 -0.28 0.00	25.35 -0.28 0.00	34.04 -0.22 0.00	31.09 -0.05 0.00	32.08 -0.01 0.00	37.22 0.03 0.00	41.56 0.11 0.00	38.43 -0.04 0.00	37.83 -0.06 0.00	33.70 -0.07 0.00	31.54 -0.46 0.00	30.27 -0.30 0.00	31.87 -0.55 0.00	30.24 -0.47 0.00	27.45 -0.36 0.00	34.50 -0.04 0.00	38.84 0.50 0.00	43.05 0.90 0.00	43.21 0.93 0.00	42.10 0.85 0.00	43.06 0.84 0.00	33.34 0.39 0.00	31.50 0.08 0.00
DANSKAMMER___1 23586	43.20 1.52 0.00	35.67 1.26 0.00	26.57 0.95 0.00	35.47 1.20 0.00	32.23 1.10 0.00	33.30 1.21 0.00	38.65 1.46 0.00	43.03 1.58 0.00	40.11 1.65 0.00	39.50 1.61 0.00	35.18 1.41 0.00	33.39 1.40 0.00	31.94 1.37 0.00	33.90 1.48 0.00	32.06 1.34 0.00	29.02 1.21 0.00	36.03 1.49 0.00	39.87 1.53 0.00	43.81 1.66 0.00	43.99 1.71 0.00	42.90 1.65 0.00	43.91 1.69 0.00	34.38 1.43 0.00	32.74 1.32 0.00
DANSKAMMER___2 23589	43.20 1.52 0.00	35.67 1.26 0.00	26.57 0.95 0.00	35.47 1.20 0.00	32.23 1.10 0.00	33.30 1.21 0.00	38.65 1.46 0.00	43.03 1.58 0.00	40.11 1.65 0.00	39.50 1.61 0.00	35.18 1.41 0.00	33.39 1.40 0.00	31.94 1.37 0.00	33.90 1.48 0.00	32.06 1.34 0.00	29.02 1.21 0.00	36.03 1.49 0.00	39.87 1.53 0.00	43.81 1.66 0.00	43.99 1.71 0.00	42.90 1.65 0.00	43.91 1.69 0.00	34.38 1.43 0.00	32.74 1.32 0.00
DANSKAMMER___3 23590	43.20 1.52 0.00	35.67 1.26 0.00	26.57 0.95 0.00	35.47 1.20 0.00	32.23 1.10 0.00	33.30 1.21 0.00	38.65 1.46 0.00	43.03 1.58 0.00	40.11 1.65 0.00	39.50 1.61 0.00	35.18 1.41 0.00	33.39 1.40 0.00	31.94 1.37 0.00	33.90 1.48 0.00	32.06 1.34 0.00	29.02 1.21 0.00	36.03 1.49 0.00	39.87 1.53 0.00	43.81 1.66 0.00	43.99 1.71 0.00	42.90 1.65 0.00	43.91 1.69 0.00	34.38 1.43 0.00	32.74 1.32 0.00

DANSKAMMER___4 23591	43.20 1.52 0.00	35.67 1.26 0.00	26.57 0.95 0.00	35.47 1.20 0.00	32.23 1.10 0.00	33.30 1.21 0.00	38.65 1.46 0.00	43.03 1.58 0.00	40.11 1.65 0.00	39.50 1.61 0.00	35.18 1.41 0.00	33.39 1.40 0.00	31.94 1.37 0.00	33.90 1.48 0.00	32.06 1.34 0.00	29.02 1.21 0.00	36.03 1.49 0.00	39.87 1.53 0.00	43.81 1.66 0.00	43.99 1.71 0.00	42.90 1.65 0.00	43.91 1.69 0.00	34.38 1.43 0.00	32.74 1.32 0.00
DANSKAMMER___DIESEL 23592	43.20 1.52 0.00	35.67 1.26 0.00	26.57 0.94 0.00	35.47 1.20 0.00	32.23 1.10 0.00	33.30 1.21 0.00	38.65 1.46 0.00	43.03 1.58 0.00	40.11 1.64 0.00	39.50 1.61 0.00	35.18 1.41 0.00	33.39 1.40 0.00	31.94 1.37 0.00	33.90 1.48 0.00	32.06 1.34 0.00	29.02 1.21 0.00	36.03 1.49 0.00	39.87 1.53 0.00	43.81 1.66 0.00	43.98 1.71 0.00	42.90 1.65 0.00	43.91 1.69 0.00	34.38 1.43 0.00	32.74 1.32 0.00
DARBY___SOLAR 323810	43.06 1.37 0.00	35.43 1.02 0.00	26.49 0.86 0.00	35.33 1.06 0.00	32.11 0.97 0.00	33.18 1.09 0.00	38.52 1.33 0.00	43.03 1.58 0.00	39.70 1.23 0.00	38.66 0.77 0.00	34.11 0.34 0.00	32.24 0.24 0.00	30.81 0.24 0.00	32.70 0.28 0.00	31.06 0.34 0.00	28.22 0.41 0.00	35.60 1.06 0.00	39.63 1.29 0.00	43.64 1.49 0.00	43.80 1.52 0.00	42.86 1.61 0.00	43.80 1.59 0.00	34.16 1.21 0.00	32.49 1.07 0.00
DASHVILLE___HYD 23610	42.79 1.11 0.00	35.30 0.89 0.00	26.30 0.68 0.00	35.10 0.84 0.00	31.91 0.77 0.00	32.95 0.86 0.00	38.26 1.07 0.00	42.60 1.15 0.00	39.72 1.25 0.00	39.10 1.20 0.00	34.82 1.06 0.00	33.03 1.03 0.00	31.57 1.00 0.00	33.46 1.04 0.00	31.68 0.97 0.00	28.67 0.86 0.00	35.61 1.07 0.00	39.44 1.10 0.00	43.31 1.16 0.00	43.51 1.23 0.00	42.48 1.23 0.00	43.48 1.26 0.00	34.02 1.08 0.00	32.40 0.97 0.00
DELAWARE___LFGE 323621	42.29 0.61 0.00	34.98 0.56 0.00	26.03 0.40 0.00	34.79 0.53 0.00	31.58 0.44 0.00	32.61 0.52 0.00	37.82 0.63 0.00	42.11 0.66 0.00	39.10 0.64 0.00	38.53 0.64 0.00	34.35 0.58 0.00	32.57 0.57 0.00	31.13 0.55 0.00	32.95 0.52 0.00	31.19 0.48 0.00	28.29 0.48 0.00	35.16 0.62 0.00	39.08 0.74 0.00	42.85 0.69 0.00	42.98 0.70 0.00	41.96 0.71 0.00	42.92 0.70 0.00	33.48 0.53 0.00	31.90 0.47 0.00
DERFIELD_115KV_TB7 355931	41.71 0.03 0.00	34.44 0.02 0.00	25.65 0.03 0.00	34.29 0.02 0.00	31.15 0.02 0.00	32.14 0.05 0.00	37.26 0.07 0.00	41.50 0.05 0.00	38.50 0.03 0.00	37.89 0.00 0.00	33.73 -0.04 0.00	31.94 -0.06 0.00	30.52 -0.05 0.00	32.36 -0.06 0.00	30.67 -0.04 0.00	27.79 -0.03 0.00	34.58 0.04 0.00	38.41 0.07 0.00	42.23 0.08 0.00	42.35 0.07 0.00	41.34 0.09 0.00	42.31 0.09 0.00	33.01 0.06 0.00	31.46 0.03 0.00
DOGLEVILLE___HYD 23807	44.04 2.36 0.00	36.27 1.86 0.00	27.08 1.46 0.00	36.13 1.86 0.00	32.82 1.68 0.00	33.93 1.84 0.00	39.43 2.24 0.00	44.01 2.56 0.00	40.12 1.65 0.00	38.72 0.83 0.00	34.01 0.24 0.00	32.18 0.18 0.00	30.66 0.09 0.00	32.49 0.06 0.00	30.86 0.15 0.00	28.28 0.47 0.00	35.74 1.21 0.00	40.05 1.71 0.00	44.36 2.21 0.00	44.29 2.01 0.00	43.37 2.12 0.00	44.49 2.27 0.00	34.67 1.73 0.00	32.99 1.57 0.00
DUNKIRK__115KV_TB_200 55889	40.37 -1.31 0.00	33.47 -0.94 0.00	24.76 -0.87 0.00	33.43 -0.84 0.00	30.24 -0.89 0.00	31.05 -1.04 0.00	35.63 -1.55 0.00	39.71 -1.74 0.00	37.11 -1.35 0.00	37.41 -0.49 0.00	33.92 0.15 0.00	32.25 0.25 0.00	30.79 0.21 0.00	32.39 -0.03 0.00	30.89 0.17 0.00	27.81 0.00 0.00	33.66 -0.88 0.00	37.57 -0.77 0.00	40.85 -1.30 0.00	40.67 -1.61 0.00	39.18 -2.07 0.00	39.90 -2.32 0.00	31.36 -1.59 0.00	30.72 -0.70 0.00
DUNKIRK___1 23563	40.37 -1.31 0.00	33.47 -0.94 0.00	24.76 -0.87 0.00	33.43 -0.84 0.00	30.24 -0.89 0.00	31.05 -1.04 0.00	35.63 -1.55 0.00	39.71 -1.74 0.00	37.11 -1.35 0.00	37.41 -0.49 0.00	33.92 0.15 0.00	32.25 0.25 0.00	30.79 0.21 0.00	32.39 -0.03 0.00	30.89 0.17 0.00	27.81 0.00 0.00	33.66 -0.88 0.00	37.57 -0.77 0.00	40.85 -1.30 0.00	40.67 -1.61 0.00	39.18 -2.07 0.00	39.90 -2.32 0.00	31.36 -1.59 0.00	30.72 -0.70 0.00
DUNKIRK___2 23564	40.37 -1.31 0.00	33.47 -0.94 0.00	24.76 -0.87 0.00	33.43 -0.84 0.00	30.24 -0.89 0.00	31.05 -1.04 0.00	35.63 -1.55 0.00	39.71 -1.74 0.00	37.11 -1.35 0.00	37.41 -0.49 0.00	33.92 0.15 0.00	32.25 0.25 0.00	30.79 0.21 0.00	32.39 -0.03 0.00	30.89 0.17 0.00	27.81 0.00 0.00	33.66 -0.88 0.00	37.57 -0.77 0.00	40.85 -1.30 0.00	40.67 -1.61 0.00	39.18 -2.07 0.00	39.90 -2.32 0.00	31.36 -1.59 0.00	30.72 -0.70 0.00
DUNKIRK___3 23565	40.55 -1.14 0.00	33.63 -0.78 0.00	24.88 -0.74 0.00	33.58 -0.69 0.00	30.37 -0.76 0.00	31.19 -0.90 0.00	35.77 -1.42 0.00	39.80 -1.65 0.00	37.16 -1.30 0.00	37.38 -0.51 0.00	33.87 0.10 0.00	32.19 0.19 0.00	30.72 0.15 0.00	32.31 -0.11 0.00	30.80 0.09 0.00	27.71 -0.10 0.00	33.53 -1.01 0.00	37.37 -0.97 0.00	40.65 -1.50 0.00	40.50 -1.78 0.00	39.04 -2.20 0.00	39.91 -2.31 0.00	31.42 -1.53 0.00	30.76 -0.67 0.00
DUNKIRK___4 23566	40.55 -1.14 0.00	33.63 -0.78 0.00	24.88 -0.74 0.00	33.58 -0.69 0.00	30.37 -0.76 0.00	31.19 -0.90 0.00	35.77 -1.42 0.00	39.80 -1.65 0.00	37.16 -1.30 0.00	37.38 -0.51 0.00	33.87 0.10 0.00	32.19 0.19 0.00	30.72 0.15 0.00	32.31 -0.11 0.00	30.80 0.09 0.00	27.71 -0.10 0.00	33.53 -1.01 0.00	37.37 -0.97 0.00	40.65 -1.50 0.00	40.50 -1.78 0.00	39.04 -2.20 0.00	39.91 -2.31 0.00	31.42 -1.53 0.00	30.76 -0.67 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	43.07 1.39 0.00	35.57 1.15 0.00	26.52 0.90 0.00	35.36 1.10 0.00	32.15 1.02 0.00	33.20 1.11 0.00	38.49 1.31 0.00	42.78 1.33 0.00	39.95 1.48 0.00	39.38 1.49 0.00	35.14 1.38 0.00	33.38 1.38 0.00	31.89 1.31 0.00	33.85 1.43 0.00	31.98 1.27 0.00	28.92 1.11 0.00	35.82 1.29 0.00	39.57 1.22 0.00	43.47 1.32 0.00	43.62 1.34 0.00	42.57 1.32 0.00	43.61 1.39 0.00	34.22 1.27 0.00	32.62 1.19 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	42.93 1.25 0.00	35.49 1.08 0.00	26.43 0.80 0.00	35.30 1.03 0.00	32.08 0.95 0.00	33.13 1.05 0.00	38.44 1.25 0.00	42.78 1.33 0.00	39.88 1.41 0.00	39.32 1.43 0.00	35.04 1.27 0.00	33.27 1.27 0.00	31.80 1.22 0.00	33.74 1.32 0.00	31.89 1.18 0.00	28.85 1.05 0.00	35.81 1.27 0.00	39.63 1.29 0.00	43.59 1.43 0.00	43.75 1.47 0.00	42.66 1.41 0.00	43.66 1.44 0.00	34.20 1.26 0.00	32.59 1.16 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	42.96 1.28 0.00	35.32 0.90 0.00	26.37 0.74 0.00	35.12 0.86 0.00	31.94 0.81 0.00	33.17 1.08 0.00	38.59 1.41 0.00	42.85 1.40 0.00	40.11 1.64 0.00	39.45 1.56 0.00	35.22 1.45 0.00	33.43 1.43 0.00	31.93 1.35 0.00	33.87 1.44 0.00	31.99 1.28 0.00	28.92 1.11 0.00	35.76 1.23 0.00	39.44 1.10 0.00	43.37 1.22 0.00	43.57 1.29 0.00	42.49 1.25 0.00	43.55 1.33 0.00	34.23 1.28 0.00	32.59 1.17 0.00

E179THST_13_KV_LOAD 356214	43.12 1.44 0.00	35.45 1.04 0.00	26.46 0.83 0.00	35.25 0.98 0.00	32.05 0.92 0.00	33.28 1.20 0.00	38.72 1.53 0.00	43.00 1.55 0.00	40.25 1.79 0.00	39.61 1.71 0.00	35.38 1.61 0.00	33.58 1.58 0.00	32.07 1.50 0.00	34.03 1.60 0.00	32.14 1.42 0.00	29.06 1.25 0.00	35.93 1.39 0.00	39.62 1.27 0.00	43.58 1.42 0.00	43.77 1.49 0.00	42.69 1.44 0.00	43.73 1.51 0.00	34.37 1.43 0.00	32.73 1.31 0.00
EAST HAMPTON___GT 23717	43.45 1.77 0.00	36.11 1.70 0.00	27.05 1.42 0.00	36.22 1.95 0.00	32.99 1.86 0.00	33.93 1.84 0.00	39.40 2.22 0.00	43.70 2.25 0.00	40.98 2.51 0.00	40.20 2.30 0.00	36.10 2.34 0.00	34.40 2.40 0.00	32.22 1.64 0.00	34.45 2.03 0.00	32.19 1.47 0.00	28.78 0.97 0.00	35.99 1.46 0.00	39.60 1.25 0.00	43.07 0.92 0.00	43.07 0.77 -0.01	64.71 1.04 -22.43	125.27 0.85 -82.20	33.52 0.58 0.00	31.74 0.31 0.00
EAST RIVER___6 23660	43.19 1.51 0.00	35.65 1.24 0.00	26.58 0.95 0.00	35.44 1.17 0.00	32.22 1.09 0.00	33.28 1.19 0.00	38.61 1.43 0.00	42.89 1.44 0.00	40.13 1.67 0.00	39.57 1.67 0.00	35.31 1.54 0.00	33.56 1.56 0.00	32.07 1.50 0.00	34.03 1.61 0.00	32.15 1.44 0.00	29.08 1.27 0.00	35.96 1.43 0.00	39.68 1.34 0.00	43.61 1.45 0.00	43.74 1.46 0.00	42.65 1.40 0.00	43.71 1.49 0.00	34.35 1.40 0.00	32.73 1.30 0.00
EAST RIVER___7 23524	43.19 1.51 0.00	35.65 1.24 0.00	26.58 0.95 0.00	35.44 1.17 0.00	32.22 1.09 0.00	33.28 1.19 0.00	38.61 1.43 0.00	42.89 1.44 0.00	40.13 1.67 0.00	39.57 1.67 0.00	35.31 1.54 0.00	33.56 1.56 0.00	32.07 1.50 0.00	34.03 1.61 0.00	32.15 1.44 0.00	29.08 1.27 0.00	35.96 1.43 0.00	39.68 1.34 0.00	43.61 1.45 0.00	43.74 1.46 0.00	42.65 1.40 0.00	43.71 1.49 0.00	34.35 1.40 0.00	32.73 1.30 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	43.00 1.32 0.00	35.50 1.08 0.00	26.46 0.83 0.00	35.30 1.03 0.00	32.09 0.96 0.00	33.14 1.05 0.00	38.44 1.25 0.00	42.72 1.27 0.00	39.88 1.42 0.00	39.33 1.44 0.00	35.08 1.32 0.00	33.31 1.31 0.00	31.83 1.25 0.00	33.79 1.36 0.00	31.92 1.21 0.00	28.87 1.06 0.00	35.78 1.24 0.00	39.52 1.18 0.00	43.43 1.28 0.00	43.59 1.31 0.00	42.53 1.28 0.00	43.56 1.34 0.00	34.18 1.23 0.00	32.56 1.14 0.00
EAST_HAMPTON___DIESEL 23722	43.41 1.73 0.00	36.09 1.68 0.00	27.05 1.42 0.00	36.21 1.95 0.00	32.99 1.86 0.00	33.93 1.84 0.00	39.41 2.22 0.00	43.71 2.26 0.00	40.98 2.52 0.00	40.18 2.28 0.00	36.09 2.33 0.00	34.40 2.40 0.00	32.20 1.62 0.00	34.43 2.01 0.00	32.16 1.44 0.00	28.74 0.93 0.00	35.96 1.42 0.00	39.54 1.20 0.00	42.98 0.83 0.00	42.97 0.68 -0.01	64.64 0.96 -22.43	125.18 0.75 -82.20	33.43 0.48 0.00	31.64 0.22 0.00
EAST_POINT___SOLAR 323840	42.63 0.95 0.00	35.21 0.80 0.00	26.17 0.55 0.00	35.04 0.77 0.00	31.82 0.69 0.00	32.89 0.80 0.00	38.17 0.98 0.00	42.46 1.01 0.00	38.28 -0.18 0.00	36.80 -1.09 0.00	32.67 -1.10 0.00	31.01 -0.99 0.00	29.68 -0.90 0.00	31.44 -0.98 0.00	29.97 -0.75 0.00	27.78 -0.03 0.00	34.91 0.37 0.00	39.14 0.79 0.00	43.35 1.20 0.00	43.46 1.18 0.00	42.35 1.10 0.00	43.32 1.10 0.00	33.68 0.74 0.00	32.02 0.59 0.00
EAST_PULASKI___ESR 323781	41.23 -0.45 0.00	34.06 -0.35 0.00	25.32 -0.30 0.00	33.92 -0.35 0.00	30.87 -0.26 0.00	31.84 -0.25 0.00	36.81 -0.38 0.00	41.03 -0.43 0.00	38.01 -0.46 0.00	37.41 -0.49 0.00	33.35 -0.42 0.00	31.45 -0.55 0.00	30.14 -0.44 0.00	31.83 -0.60 0.00	30.20 -0.52 0.00	27.33 -0.48 0.00	34.07 -0.46 0.00	38.13 -0.21 0.00	42.04 -0.11 0.00	42.19 -0.09 0.00	41.12 -0.12 0.00	42.09 -0.14 0.00	32.75 -0.20 0.00	31.14 -0.29 0.00
EAST_RIVER___1 323558	43.19 1.51 0.00	35.64 1.22 0.00	26.57 0.95 0.00	35.43 1.16 0.00	32.21 1.07 0.00	33.27 1.18 0.00	38.61 1.42 0.00	42.88 1.42 0.00	40.10 1.64 0.00	39.53 1.64 0.00	35.29 1.53 0.00	33.53 1.53 0.00	32.03 1.46 0.00	34.00 1.58 0.00	32.12 1.40 0.00	29.04 1.23 0.00	35.92 1.39 0.00	39.64 1.30 0.00	43.55 1.40 0.00	43.70 1.42 0.00	42.63 1.38 0.00	43.66 1.44 0.00	34.31 1.37 0.00	32.69 1.27 0.00
EAST_RIVER___2 323559	43.19 1.51 0.00	35.65 1.24 0.00	26.58 0.95 0.00	35.44 1.17 0.00	32.22 1.09 0.00	33.28 1.19 0.00	38.61 1.43 0.00	42.89 1.44 0.00	40.13 1.67 0.00	39.57 1.67 0.00	35.31 1.54 0.00	33.56 1.56 0.00	32.07 1.50 0.00	34.03 1.61 0.00	32.15 1.44 0.00	29.08 1.27 0.00	35.96 1.43 0.00	39.68 1.34 0.00	43.61 1.45 0.00	43.74 1.46 0.00	42.65 1.40 0.00	43.71 1.49 0.00	34.35 1.40 0.00	32.73 1.30 0.00
EAST___DELAWARE_HYD 23607	42.44 0.76 0.00	35.06 0.64 0.00	26.09 0.46 0.00	34.84 0.58 0.00	31.64 0.50 0.00	32.69 0.60 0.00	37.95 0.76 0.00	42.28 0.83 0.00	39.37 0.91 0.00	38.79 0.90 0.00	34.51 0.74 0.00	32.69 0.69 0.00	31.13 0.55 0.00	32.32 -0.10 0.00	30.58 -0.14 0.00	27.71 -0.10 0.00	34.42 -0.12 0.00	38.20 -0.14 0.00	42.16 0.01 0.00	43.31 1.03 0.00	42.24 0.99 0.00	43.20 0.98 0.00	33.81 0.86 0.00	32.17 0.74 0.00
EIGHT_POINT___WT_PWR 323820	39.34 -2.34 0.00	32.80 -1.61 0.00	24.41 -1.21 0.00	32.68 -1.58 0.00	29.47 -1.66 0.00	30.39 -1.70 0.00	35.19 -1.99 0.00	39.35 -2.11 0.00	37.17 -1.30 0.00	37.21 -0.68 0.00	33.60 -0.17 0.00	31.80 -0.20 0.00	30.48 -0.10 0.00	32.23 -0.19 0.00	30.78 0.06 0.00	27.95 0.13 0.00	34.18 -0.36 0.00	38.08 -0.26 0.00	41.27 -0.88 0.00	40.77 -1.51 0.00	39.87 -1.38 0.00	40.88 -1.34 0.00	31.50 -1.45 0.00	30.36 -1.07 0.00
ELBRIDGE_115KV_TB2 80188	41.36 -0.32 0.00	34.17 -0.24 0.00	25.39 -0.24 0.00	34.00 -0.26 0.00	30.86 -0.27 0.00	31.83 -0.26 0.00	36.79 -0.39 0.00	40.93 -0.53 0.00	37.88 -0.58 0.00	37.30 -0.60 0.00	33.34 -0.43 0.00	31.61 -0.39 0.00	30.22 -0.36 0.00	31.99 -0.43 0.00	30.37 -0.34 0.00	27.51 -0.30 0.00	34.13 -0.41 0.00	37.96 -0.38 0.00	41.66 -0.49 0.00	41.70 -0.58 0.00	40.65 -0.60 0.00	41.60 -0.62 0.00	32.50 -0.45 0.00	31.07 -0.36 0.00
ELEC_TRO_TEK 24086	43.03 1.35 0.00	35.49 1.08 0.00	26.44 0.81 0.00	35.29 1.03 0.00	32.10 0.96 0.00	33.04 0.95 0.00	38.25 1.07 0.00	42.47 1.02 0.00	39.78 1.31 0.00	39.28 1.38 0.00	35.19 1.42 0.00	33.40 1.40 0.00	31.68 1.11 0.00	33.81 1.39 0.00	31.86 1.15 0.00	28.68 0.87 0.00	35.56 1.03 0.00	39.31 0.96 0.00	43.20 1.05 0.00	43.33 1.05 0.00	42.38 1.13 0.00	43.37 1.15 0.00	34.05 1.10 0.00	32.47 1.04 0.00
ELLENBURG_WT_PWR 323604	41.49 -0.19 0.00	34.16 -0.26 0.00	25.47 -0.16 0.00	34.22 -0.04 0.00	31.28 0.14 0.00	32.18 0.09 0.00	37.52 0.33 0.00	42.10 0.65 0.00	39.20 0.74 0.00	38.69 0.80 0.00	34.49 0.72 0.00	32.71 0.71 0.00	31.21 0.63 0.00	33.11 0.68 0.00	31.33 0.62 0.00	28.33 0.52 0.00	35.09 0.56 0.00	38.93 0.59 0.00	42.96 0.81 0.00	43.07 0.79 0.00	41.97 0.72 0.00	42.92 0.70 0.00	33.40 0.45 0.00	31.81 0.39 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	41.06 -0.62 0.00	34.03 -0.38 0.00	25.16 -0.46 0.00	33.94 -0.33 0.00	30.69 -0.45 0.00	31.49 -0.60 0.00	35.93 -1.26 0.00	39.84 -1.62 0.00	37.24 -1.23 0.00	37.33 -0.56 0.00	33.89 0.12 0.00	32.16 0.16 0.00	30.79 0.22 0.00	32.38 -0.04 0.00	30.87 0.15 0.00	27.71 -0.09 0.00	33.38 -1.16 0.00	37.05 -1.30 0.00	40.30 -1.85 0.00	40.17 -2.11 0.00	38.81 -2.44 0.00	39.87 -2.35 0.00	31.52 -1.43 0.00	30.86 -0.57 0.00
EMPIRE_CC_1 323656	42.28 0.60 0.00	34.83 0.42 0.00	26.04 0.41 0.00	34.68 0.41 0.00	31.55 0.41 0.00	32.62 0.53 0.00	37.83 0.64 0.00	42.25 0.80 0.00	39.17 0.70 0.00	38.42 0.53 0.00	34.03 0.25 0.00	32.21 0.21 0.00	30.84 0.26 0.00	32.74 0.31 0.00	30.99 0.28 0.00	28.09 0.28 0.00	35.17 0.64 0.00	38.86 0.52 0.00	42.71 0.56 0.00	42.87 0.59 0.00	41.97 0.72 0.00	42.96 0.74 0.00	33.58 0.63 0.00	31.98 0.56 0.00
EMPIRE_CC_2 323658	42.28 0.60 0.00	34.83 0.42 0.00	26.04 0.41 0.00	34.68 0.41 0.00	31.55 0.41 0.00	32.62 0.53 0.00	37.83 0.64 0.00	42.25 0.80 0.00	39.17 0.70 0.00	38.42 0.53 0.00	34.03 0.25 0.00	32.21 0.21 0.00	30.84 0.26 0.00	32.74 0.31 0.00	30.99 0.28 0.00	28.09 0.28 0.00	35.17 0.64 0.00	38.86 0.52 0.00	42.71 0.56 0.00	42.87 0.59 0.00	41.97 0.72 0.00	42.96 0.74 0.00	33.58 0.63 0.00	31.98 0.56 0.00
ENORWICH_115KV_TB1 80156	42.84 1.15 0.00	35.54 1.13 0.00	26.35 0.72 0.00	35.27 1.00 0.00	31.98 0.84 0.00	33.14 1.05 0.00	38.53 1.34 0.00	43.01 1.56 0.00	39.65 1.19 0.00	38.74 0.85 0.00	34.43 0.66 0.00	32.55 0.55 0.00	31.10 0.53 0.00	32.76 0.34 0.00	31.13 0.42 0.00	28.52 0.71 0.00	35.88 1.35 0.00	40.49 2.15 0.00	44.68 2.53 0.00	44.80 2.52 0.00	43.27 2.02 0.00	44.12 1.90 0.00	34.11 1.17 0.00	32.31 0.88 0.00
ERIE_ST__34_KV_TB1-2 80199	41.14 -0.54 0.00	34.12 -0.29 0.00	25.25 -0.38 0.00	34.05 -0.21 0.00	30.78 -0.36 0.00	31.61 -0.48 0.00	36.16 -1.11 0.00	40.13 -1.42 0.00	37.48 -1.09 0.00	37.57 -0.40 0.00	34.06 0.24 0.00	32.32 0.27 0.00	30.88 0.31 0.00	32.46 0.04 0.00	30.96 0.25 0.00	27.80 -0.01 0.00	33.55 -0.98 0.00	37.28 -1.07 0.00	40.57 -1.63 0.00	40.44 -1.91 0.00	39.08 -2.25 0.00	40.17 -2.15 0.00	31.69 -1.29 0.00	30.99 -0.47 0.00
ERIE_WT_PWR 323693	41.15 -0.52 0.00	34.07 -0.34 0.00	25.20 -0.43 0.00	33.99 -0.28 0.00	30.73 -0.40 0.00	31.58 -0.51 0.00	36.08 -1.11 0.00	40.03 -1.42 0.00	37.37 -1.09 0.00	37.49 -0.40 0.00	34.01 0.24 0.00	32.27 0.27 0.00	30.89 0.31 0.00	32.47 0.05 0.00	30.96 0.25 0.00	27.83 0.02 0.00	33.55 -0.98 0.00	37.27 -1.07 0.00	40.53 -1.63 0.00	40.37 -1.91 0.00	39.00 -2.25 0.00	40.08 -2.15 0.00	31.66 -1.29 0.00	30.95 -0.47 0.00
ESPRGFLD_115KV_TB1 80157	41.94 0.26 0.00	34.71 0.30 0.00	25.77 0.14 0.00	34.54 0.27 0.00	31.33 0.19 0.00	32.35 0.26 0.00	37.52 0.34 0.00	41.75 0.30 0.00	38.68 0.21 0.00	38.11 0.22 0.00	34.15 0.38 0.00	32.39 0.39 0.00	30.99 0.41 0.00	32.76 0.34 0.00	31.05 0.34 0.00	28.16 0.35 0.00	34.91 0.37 0.00	38.82 0.47 0.00	42.68 0.53 0.00	42.75 0.47 0.00	41.61 0.36 0.00	42.58 0.36 0.00	33.11 0.17 0.00	31.51 0.09 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	42.09 0.41 0.00	34.80 0.39 0.00	25.87 0.24 0.00	34.62 0.36 0.00	31.40 0.27 0.00	32.41 0.32 0.00	37.57 0.38 0.00	41.83 0.38 0.00	38.66 0.19 0.00	37.92 0.02 0.00	33.76 -0.01 0.00	31.97 -0.02 0.00	30.57 0.00 0.00	32.43 0.00 0.00	30.81 0.09 0.00	27.97 0.16 0.00	34.77 0.24 0.00	38.86 0.51 0.00	42.70 0.54 0.00	42.78 0.50 0.00	41.63 0.38 0.00	42.58 0.36 0.00	33.20 0.26 0.00	31.72 0.29 0.00
ETNA____115KV_TB2 80207	42.09 0.41 0.00	34.80 0.39 0.00	25.87 0.24 0.00	34.62 0.36 0.00	31.40 0.27 0.00	32.41 0.32 0.00	37.57 0.38 0.00	41.83 0.38 0.00	38.66 0.19 0.00	37.92 0.02 0.00	33.76 -0.01 0.00	31.97 -0.02 0.00	30.57 0.00 0.00	32.43 0.00 0.00	30.81 0.09 0.00	27.97 0.16 0.00	34.77 0.24 0.00	38.86 0.51 0.00	42.70 0.54 0.00	42.78 0.50 0.00	41.63 0.38 0.00	42.58 0.36 0.00	33.20 0.26 0.00	31.72 0.29 0.00
EUCLID___115KV_TB2 356179	41.14 -0.55 0.00	33.97 -0.44 0.00	25.27 -0.36 0.00	33.81 -0.45 0.00	30.69 -0.44 0.00	31.64 -0.45 0.00	36.56 -0.63 0.00	40.66 -0.79 0.00	37.71 -0.75 0.00	37.14 -0.75 0.00	33.15 -0.62 0.00	31.43 -0.57 0.00	30.05 -0.52 0.00	31.84 -0.59 0.00	30.19 -0.52 0.00	27.33 -0.48 0.00	33.91 -0.63 0.00	37.69 -0.65 0.00	41.37 -0.78 0.00	41.47 -0.81 0.00	40.41 -0.84 0.00	41.37 -0.86 0.00	32.33 -0.62 0.00	30.87 -0.55 0.00
E_CANADA_CAP_HY 24051	41.72 0.04 0.00	34.51 0.10 0.00	25.63 0.00 0.00	34.34 0.08 0.00	31.19 0.05 0.00	32.21 0.12 0.00	37.34 0.15 0.00	41.55 0.10 0.00	38.25 -0.21 0.00	37.46 -0.44 0.00	33.50 -0.26 0.00	31.76 -0.24 0.00	30.40 -0.17 0.00	32.19 -0.24 0.00	30.54 -0.17 0.00	27.72 -0.09 0.00	34.47 -0.07 0.00	38.30 -0.04 0.00	42.31 0.16 0.00	42.38 0.10 0.00	41.30 0.05 0.00	42.29 0.07 0.00	32.90 -0.04 0.00	31.30 -0.13 0.00
E_CANADA_MHWK_HY 24050	44.04 2.36 0.00	36.27 1.86 0.00	27.08 1.46 0.00	36.13 1.86 0.00	32.81 1.68 0.00	33.93 1.84 0.00	39.43 2.24 0.00	44.01 2.56 0.00	40.12 1.65 0.00	38.72 0.83 0.00	34.01 0.24 0.00	32.18 0.18 0.00	30.66 0.09 0.00	32.49 0.06 0.00	30.86 0.15 0.00	28.28 0.47 0.00	35.74 1.20 0.00	40.05 1.71 0.00	44.36 2.21 0.00	44.29 2.01 0.00	43.37 2.12 0.00	44.49 2.27 0.00	34.67 1.72 0.00	32.99 1.57 0.00
E_FISHKILL___LBMP 23776	42.80 1.12 0.00	35.31 0.90 0.00	26.33 0.71 0.00	35.12 0.86 0.00	31.93 0.79 0.00	32.98 0.89 0.00	38.27 1.08 0.00	42.58 1.13 0.00	39.70 1.24 0.00	39.09 1.20 0.00	34.82 1.05 0.00	33.03 1.03 0.00	31.57 0.99 0.00	33.51 1.09 0.00	31.69 0.97 0.00	28.67 0.86 0.00	35.60 1.07 0.00	39.37 1.03 0.00	43.25 1.10 0.00	43.41 1.13 0.00	42.39 1.14 0.00	43.40 1.18 0.00	34.01 1.07 0.00	32.40 0.98 0.00
FALCON___SEABRD_CC1 323796	41.66 -0.02 0.00	34.17 -0.25 0.00	25.58 -0.05 0.00	34.43 0.16 0.00	31.61 0.48 0.00	32.56 0.47 0.00	38.10 0.91 0.00	42.90 1.44 0.00	39.96 1.49 0.00	39.44 1.55 0.00	35.11 1.34 0.00	33.32 1.32 0.00	31.72 1.15 0.00	33.63 1.21 0.00	31.85 1.14 0.00	28.88 1.07 0.00	35.86 1.33 0.00	39.70 1.36 0.00	43.79 1.64 0.00	43.87 1.59 0.00	42.89 1.64 0.00	43.82 1.60 0.00	34.06 1.12 0.00	32.34 0.92 0.00
FALCON___SEABRD_CC2 323797	41.66 -0.02 0.00	34.17 -0.25 0.00	25.58 -0.05 0.00	34.43 0.16 0.00	31.61 0.48 0.00	32.56 0.47 0.00	38.10 0.91 0.00	42.90 1.44 0.00	39.96 1.49 0.00	39.44 1.55 0.00	35.11 1.34 0.00	33.32 1.32 0.00	31.72 1.15 0.00	33.63 1.21 0.00	31.85 1.14 0.00	28.88 1.07 0.00	35.86 1.33 0.00	39.70 1.36 0.00	43.79 1.64 0.00	43.87 1.59 0.00	42.89 1.64 0.00	43.82 1.60 0.00	34.06 1.12 0.00	32.34 0.92 0.00

FAR ROCKAWAY___4 23548	43.54 1.86 0.00	35.88 1.46 0.00	26.73 1.10 0.00	35.67 1.40 0.00	32.44 1.31 0.00	33.40 1.31 0.00	38.65 1.46 0.00	42.92 1.47 0.00	40.21 1.74 0.00	39.71 1.82 0.00	35.63 1.86 0.00	33.81 1.81 0.00	32.05 1.47 0.00	34.21 1.79 0.00	32.23 1.51 0.00	28.99 1.18 0.00	35.97 1.43 0.00	39.75 1.41 0.00	43.72 1.56 0.00	43.85 1.57 0.00	42.90 1.65 0.00	43.86 1.64 0.00	34.42 1.48 0.00	32.82 1.39 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	43.19 1.51 0.00	35.64 1.22 0.00	26.57 0.95 0.00	35.43 1.16 0.00	32.21 1.08 0.00	33.28 1.19 0.00	38.61 1.42 0.00	42.88 1.43 0.00	40.10 1.63 0.00	39.54 1.65 0.00	35.30 1.54 0.00	33.54 1.54 0.00	32.04 1.46 0.00	34.01 1.59 0.00	32.12 1.40 0.00	29.04 1.23 0.00	35.92 1.39 0.00	39.63 1.29 0.00	43.55 1.40 0.00	43.70 1.42 0.00	42.62 1.37 0.00	43.67 1.45 0.00	34.31 1.37 0.00	32.70 1.27 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	43.20 1.52 0.00	35.65 1.24 0.00	26.58 0.95 0.00	35.44 1.17 0.00	32.22 1.09 0.00	33.29 1.20 0.00	38.63 1.44 0.00	42.89 1.44 0.00	40.11 1.64 0.00	39.55 1.66 0.00	35.31 1.55 0.00	33.54 1.54 0.00	32.05 1.47 0.00	34.01 1.59 0.00	32.13 1.41 0.00	29.05 1.24 0.00	35.93 1.40 0.00	39.64 1.30 0.00	43.56 1.41 0.00	43.71 1.43 0.00	42.64 1.39 0.00	43.69 1.47 0.00	34.32 1.37 0.00	32.72 1.29 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	43.16 1.48 0.00	35.62 1.21 0.00	26.56 0.93 0.00	35.41 1.14 0.00	32.20 1.07 0.00	33.26 1.18 0.00	38.60 1.41 0.00	42.85 1.40 0.00	40.08 1.61 0.00	39.52 1.63 0.00	35.28 1.51 0.00	33.51 1.52 0.00	32.02 1.44 0.00	33.98 1.56 0.00	32.10 1.38 0.00	29.02 1.21 0.00	35.90 1.36 0.00	39.60 1.26 0.00	43.52 1.37 0.00	43.67 1.39 0.00	42.59 1.34 0.00	43.65 1.43 0.00	34.29 1.34 0.00	32.69 1.26 0.00
FARRAGUT___LBMP 323566	43.15 1.46 0.00	35.60 1.19 0.00	26.55 0.92 0.00	35.39 1.13 0.00	32.18 1.04 0.00	33.25 1.16 0.00	38.57 1.38 0.00	42.82 1.37 0.00	40.05 1.59 0.00	39.48 1.59 0.00	35.25 1.49 0.00	33.49 1.49 0.00	31.99 1.42 0.00	33.96 1.54 0.00	32.08 1.36 0.00	29.00 1.19 0.00	35.87 1.34 0.00	39.57 1.23 0.00	43.49 1.34 0.00	43.63 1.35 0.00	42.56 1.31 0.00	43.61 1.39 0.00	34.27 1.32 0.00	32.66 1.24 0.00
FENNER___WINDPWR 24204	41.95 0.27 0.00	34.63 0.22 0.00	25.78 0.15 0.00	34.49 0.23 0.00	31.36 0.22 0.00	32.36 0.27 0.00	37.53 0.34 0.00	41.86 0.41 0.00	38.73 0.27 0.00	38.04 0.15 0.00	33.91 0.14 0.00	32.10 0.10 0.00	30.64 0.06 0.00	32.46 0.04 0.00	30.81 0.09 0.00	27.93 0.12 0.00	34.80 0.26 0.00	39.00 0.66 0.00	42.90 0.74 0.00	43.02 0.74 0.00	41.84 0.59 0.00	42.79 0.57 0.00	33.36 0.41 0.00	31.69 0.26 0.00
FIBERTEK___ENERGY 23856	41.52 -0.16 0.00	34.31 -0.10 0.00	25.51 -0.12 0.00	34.14 -0.13 0.00	30.99 -0.15 0.00	31.96 -0.13 0.00	36.96 -0.23 0.00	41.10 -0.35 0.00	38.06 -0.41 0.00	37.46 -0.43 0.00	33.46 -0.31 0.00	31.73 -0.27 0.00	30.33 -0.25 0.00	32.13 -0.30 0.00	30.48 -0.23 0.00	27.61 -0.20 0.00	34.28 -0.26 0.00	38.14 -0.20 0.00	41.85 -0.30 0.00	41.93 -0.35 0.00	40.86 -0.39 0.00	41.81 -0.41 0.00	32.66 -0.29 0.00	31.20 -0.23 0.00
FITZPATRICK___ 23598	40.63 -1.05 0.00	33.57 -0.84 0.00	24.97 -0.65 0.00	33.41 -0.86 0.00	30.33 -0.80 0.00	31.26 -0.83 0.00	36.10 -1.09 0.00	40.15 -1.30 0.00	37.24 -1.22 0.00	36.69 -1.20 0.00	32.75 -1.02 0.00	31.04 -0.96 0.00	29.66 -0.91 0.00	31.43 -0.99 0.00	29.81 -0.91 0.00	26.99 -0.82 0.00	33.48 -1.06 0.00	37.20 -1.14 0.00	40.85 -1.30 0.00	40.96 -1.32 0.00	39.92 -1.33 0.00	40.86 -1.36 0.00	31.92 -1.02 0.00	30.48 -0.94 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	43.28 1.60 0.00	35.72 1.31 0.00	26.61 0.98 0.00	35.51 1.25 0.00	32.29 1.15 0.00	33.35 1.26 0.00	38.71 1.52 0.00	43.11 1.66 0.00	40.17 1.70 0.00	39.57 1.67 0.00	35.22 1.45 0.00	33.45 1.45 0.00	31.99 1.41 0.00	33.96 1.53 0.00	32.11 1.40 0.00	29.06 1.25 0.00	36.09 1.56 0.00	39.95 1.61 0.00	43.89 1.74 0.00	44.05 1.77 0.00	42.98 1.73 0.00	44.00 1.77 0.00	34.44 1.49 0.00	32.79 1.36 0.00
FORT ORANGE___ 23900	41.98 0.30 0.00	34.62 0.21 0.00	25.89 0.27 0.00	34.45 0.19 0.00	31.35 0.21 0.00	32.41 0.32 0.00	37.60 0.42 0.00	42.02 0.57 0.00	38.94 0.47 0.00	38.09 0.20 0.00	33.73 -0.04 0.00	31.92 -0.08 0.00	30.55 -0.02 0.00	32.41 -0.02 0.00	30.76 0.05 0.00	27.95 0.14 0.00	34.95 0.41 0.00	38.69 0.35 0.00	42.54 0.39 0.00	42.67 0.39 0.00	41.73 0.49 0.00	42.70 0.48 0.00	33.39 0.44 0.00	31.79 0.36 0.00
FORT_DRUM_COGEN 23780	41.83 0.15 0.00	34.61 0.19 0.00	25.67 0.04 0.00	34.53 0.26 0.00	31.61 0.47 0.00	32.67 0.57 0.00	38.03 0.84 0.00	42.55 1.10 0.00	39.17 0.71 0.00	38.49 0.60 0.00	34.22 0.45 0.00	31.76 -0.24 0.00	30.57 0.00 0.00	32.11 -0.32 0.00	30.44 -0.27 0.00	27.68 -0.13 0.00	35.13 0.59 0.00	39.86 1.52 0.00	44.44 2.29 0.00	44.62 2.34 0.00	43.42 2.17 0.00	44.33 2.11 0.00	34.22 1.27 0.00	32.17 0.75 0.00
FOX_HILLS___ESR 323835	42.89 1.21 0.00	35.45 1.04 0.00	26.49 0.86 0.00	35.30 1.03 0.00	32.10 0.97 0.00	33.22 1.13 0.00	38.54 1.35 0.00	42.67 1.22 0.00	40.03 1.56 0.00	39.44 1.55 0.00	35.25 1.48 0.00	33.42 1.43 0.00	31.88 1.31 0.00	33.83 1.40 0.00	31.95 1.24 0.00	28.90 1.09 0.00	35.65 1.11 0.00	39.24 0.90 0.00	43.18 1.02 0.00	43.37 1.09 0.00	42.33 1.08 0.00	43.36 1.14 0.00	34.21 1.26 0.00	32.62 1.20 0.00
FPL_FAR_ROCK_GT1 24212	43.54 1.85 0.00	35.88 1.46 0.00	26.73 1.10 0.00	35.67 1.41 0.00	32.44 1.31 0.00	33.39 1.30 0.00	38.65 1.46 0.00	42.92 1.47 0.00	40.21 1.75 0.00	39.71 1.82 0.00	35.63 1.86 0.00	33.81 1.81 0.00	32.05 1.47 0.00	34.21 1.79 0.00	32.23 1.51 0.00	28.99 1.18 0.00	35.97 1.43 0.00	39.76 1.41 0.00	43.72 1.56 0.00	43.85 1.57 0.00	42.90 1.65 0.00	43.85 1.63 0.00	34.42 1.48 0.00	32.82 1.39 0.00
FPL_FAR_ROCK_GT2 23815	43.54 1.85 0.00	35.88 1.46 0.00	26.73 1.10 0.00	35.67 1.41 0.00	32.44 1.31 0.00	33.39 1.30 0.00	38.65 1.46 0.00	42.92 1.47 0.00	40.21 1.75 0.00	39.71 1.82 0.00	35.63 1.86 0.00	33.81 1.81 0.00	32.05 1.47 0.00	34.21 1.79 0.00	32.23 1.51 0.00	28.99 1.18 0.00	35.97 1.43 0.00	39.76 1.41 0.00	43.72 1.56 0.00	43.85 1.57 0.00	42.90 1.65 0.00	43.85 1.63 0.00	34.42 1.48 0.00	32.82 1.39 0.00
FRANKLIN_FALL_HYD 24054	42.18 0.50 0.00	34.74 0.33 0.00	25.85 0.22 0.00	34.73 0.46 0.00	31.66 0.52 0.00	32.64 0.55 0.00	38.13 0.94 0.00	42.79 1.34 0.00	39.82 1.36 0.00	39.22 1.33 0.00	34.89 1.12 0.00	33.03 1.04 0.00	31.50 0.93 0.00	33.40 0.98 0.00	31.59 0.88 0.00	28.54 0.73 0.00	35.38 0.85 0.00	39.43 1.08 0.00	43.71 1.56 0.00	43.86 1.58 0.00	42.71 1.46 0.00	43.65 1.43 0.00	33.92 0.98 0.00	32.25 0.83 0.00

FREEPORT_EQUS_GT1 23764	43.21 1.53 0.00	35.65 1.24 0.00	26.54 0.91 0.00	35.42 1.16 0.00	32.22 1.09 0.00	33.15 1.06 0.00	38.38 1.19 0.00	42.60 1.15 0.00	39.93 1.46 0.00	39.47 1.57 0.00	35.39 1.62 0.00	33.56 1.56 0.00	31.80 1.22 0.00	33.94 1.52 0.00	32.02 1.30 0.00	28.77 0.96 0.00	35.65 1.12 0.00	39.44 1.10 0.00	43.37 1.22 0.00	43.50 1.22 0.00	42.55 1.30 0.00	43.56 1.34 0.00	34.21 1.26 0.00	32.59 1.17 0.00
FREEPORT___CT2 23818	43.21 1.53 0.00	35.65 1.24 0.00	26.54 0.91 0.00	35.42 1.16 0.00	32.22 1.09 0.00	33.15 1.06 0.00	38.38 1.19 0.00	42.60 1.15 0.00	39.93 1.46 0.00	39.47 1.57 0.00	35.39 1.62 0.00	33.56 1.56 0.00	31.80 1.22 0.00	33.94 1.52 0.00	32.02 1.30 0.00	28.77 0.96 0.00	35.65 1.12 0.00	39.44 1.10 0.00	43.37 1.22 0.00	43.50 1.22 0.00	42.55 1.30 0.00	43.56 1.34 0.00	34.21 1.26 0.00	32.59 1.17 0.00
FRESHKLS_33_KV_LOAD 356253	42.86 1.18 0.00	35.50 1.09 0.00	26.57 0.94 0.00	35.39 1.13 0.00	32.19 1.06 0.00	33.32 1.23 0.00	38.64 1.45 0.00	42.75 1.29 0.00	40.13 1.66 0.00	39.51 1.62 0.00	35.29 1.52 0.00	33.45 1.45 0.00	31.87 1.30 0.00	33.82 1.40 0.00	31.94 1.23 0.00	28.89 1.08 0.00	35.63 1.09 0.00	39.16 0.82 0.00	43.10 0.95 0.00	43.30 1.02 0.00	42.28 1.03 0.00	43.31 1.09 0.00	34.21 1.26 0.00	32.66 1.23 0.00
FULTON COGEN____ 23766	41.01 -0.67 0.00	33.88 -0.53 0.00	25.22 -0.41 0.00	33.72 -0.55 0.00	30.61 -0.52 0.00	31.56 -0.53 0.00	36.45 -0.74 0.00	40.54 -0.91 0.00	37.60 -0.87 0.00	37.01 -0.88 0.00	33.05 -0.72 0.00	31.32 -0.68 0.00	29.93 -0.64 0.00	31.72 -0.71 0.00	30.07 -0.64 0.00	27.24 -0.58 0.00	33.81 -0.72 0.00	37.60 -0.74 0.00	41.29 -0.87 0.00	41.41 -0.87 0.00	40.35 -0.90 0.00	41.30 -0.93 0.00	32.25 -0.70 0.00	30.78 -0.64 0.00
FULTON___LFGE 323630	42.57 0.89 0.00	35.14 0.73 0.00	26.14 0.51 0.00	34.96 0.69 0.00	31.75 0.62 0.00	32.81 0.72 0.00	38.06 0.87 0.00	42.43 0.98 0.00	38.75 0.29 0.00	37.49 -0.40 0.00	33.33 -0.44 0.00	31.50 -0.49 0.00	30.12 -0.46 0.00	31.90 -0.52 0.00	30.25 -0.46 0.00	27.50 -0.31 0.00	34.76 0.22 0.00	38.87 0.53 0.00	43.19 1.04 0.00	43.31 1.03 0.00	42.25 1.00 0.00	43.20 0.98 0.00	33.63 0.68 0.00	32.00 0.57 0.00
G.F.CEMENT___DRP 24184	43.40 1.72 0.00	35.68 1.27 0.00	26.69 1.06 0.00	35.60 1.33 0.00	32.36 1.23 0.00	33.45 1.36 0.00	38.86 1.67 0.00	43.43 1.98 0.00	40.00 1.53 0.00	38.84 0.95 0.00	34.23 0.46 0.00	32.36 0.36 0.00	30.90 0.33 0.00	32.81 0.38 0.00	31.21 0.49 0.00	28.36 0.55 0.00	35.84 1.31 0.00	39.96 1.62 0.00	44.07 1.92 0.00	44.24 1.97 0.00	43.30 2.05 0.00	44.21 1.99 0.00	34.43 1.48 0.00	32.71 1.28 0.00
GARDENVILLE___LBMP 24039	40.92 -0.76 0.00	33.92 -0.49 0.00	25.08 -0.55 0.00	33.82 -0.45 0.00	30.58 -0.55 0.00	31.44 -0.66 0.00	35.93 -1.25 0.00	39.84 -1.62 0.00	37.24 -1.23 0.00	37.33 -0.57 0.00	33.85 0.08 0.00	32.13 0.13 0.00	30.74 0.17 0.00	32.34 -0.08 0.00	30.84 0.12 0.00	27.73 -0.08 0.00	33.46 -1.08 0.00	37.15 -1.20 0.00	40.39 -1.77 0.00	40.20 -2.08 0.00	38.84 -2.41 0.00	39.90 -2.32 0.00	31.51 -1.43 0.00	30.81 -0.62 0.00
GARDNVLA_35_KV_LD 355827	41.28 -0.40 0.00	34.17 -0.24 0.00	25.27 -0.36 0.00	34.07 -0.19 0.00	30.81 -0.32 0.00	31.65 -0.44 0.00	36.19 -1.00 0.00	40.14 -1.31 0.00	37.50 -0.97 0.00	37.60 -0.29 0.00	34.11 0.34 0.00	32.38 0.38 0.00	30.99 0.41 0.00	32.59 0.17 0.00	31.08 0.36 0.00	27.92 0.11 0.00	33.69 -0.85 0.00	37.41 -0.93 0.00	40.68 -1.47 0.00	40.53 -1.74 0.00	39.16 -2.09 0.00	40.21 -2.01 0.00	31.77 -1.18 0.00	31.04 -0.38 0.00
GELCKHM___115KV_LOAD 80723	41.28 -0.40 0.00	34.11 -0.30 0.00	25.37 -0.26 0.00	33.93 -0.33 0.00	30.80 -0.33 0.00	31.76 -0.33 0.00	36.71 -0.48 0.00	40.83 -0.62 0.00	37.85 -0.61 0.00	37.25 -0.64 0.00	33.27 -0.50 0.00	31.54 -0.45 0.00	30.15 -0.43 0.00	31.94 -0.48 0.00	30.31 -0.41 0.00	27.44 -0.37 0.00	34.05 -0.48 0.00	37.87 -0.48 0.00	41.56 -0.59 0.00	41.65 -0.63 0.00	40.59 -0.66 0.00	41.54 -0.68 0.00	32.45 -0.49 0.00	31.00 -0.43 0.00
GENERAL___MILLS 23808	41.14 -0.54 0.00	34.09 -0.32 0.00	25.20 -0.42 0.00	33.99 -0.27 0.00	30.73 -0.40 0.00	31.57 -0.52 0.00	36.08 -1.11 0.00	40.00 -1.45 0.00	37.38 -1.09 0.00	37.47 -0.42 0.00	34.00 0.23 0.00	32.26 0.26 0.00	30.87 0.30 0.00	32.47 0.05 0.00	30.96 0.24 0.00	27.81 0.00 0.00	33.54 -0.99 0.00	37.24 -1.10 0.00	40.50 -1.65 0.00	40.36 -1.92 0.00	38.99 -2.26 0.00	40.05 -2.17 0.00	31.64 -1.31 0.00	30.95 -0.48 0.00
GE_PLASTICS___DRP 24183	41.96 0.28 0.00	34.62 0.21 0.00	25.86 0.23 0.00	34.45 0.18 0.00	31.34 0.20 0.00	32.37 0.28 0.00	37.54 0.36 0.00	41.90 0.45 0.00	38.87 0.41 0.00	38.15 0.25 0.00	33.85 0.08 0.00	32.05 0.05 0.00	30.66 0.09 0.00	32.53 0.11 0.00	30.85 0.13 0.00	27.97 0.16 0.00	34.90 0.36 0.00	38.63 0.29 0.00	42.42 0.26 0.00	42.56 0.28 0.00	41.63 0.38 0.00	42.62 0.40 0.00	33.32 0.37 0.00	31.74 0.31 0.00
GILBOA___1 23756	42.17 0.49 0.00	34.81 0.40 0.00	25.96 0.33 0.00	34.65 0.38 0.00	31.47 0.34 0.00	32.50 0.42 0.00	37.69 0.50 0.00	42.00 0.55 0.00	39.02 0.56 0.00	38.39 0.50 0.00	34.16 0.39 0.00	32.38 0.38 0.00	30.95 0.37 0.00	32.83 0.41 0.00	31.08 0.36 0.00	28.15 0.34 0.00	35.03 0.50 0.00	38.81 0.47 0.00	42.43 0.28 0.00	42.61 0.33 0.00	41.78 0.53 0.00	42.77 0.55 0.00	33.44 0.50 0.00	31.88 0.45 0.00
GILBOA___2 23757	42.17 0.49 0.00	34.81 0.40 0.00	25.96 0.33 0.00	34.65 0.38 0.00	31.47 0.34 0.00	32.50 0.42 0.00	37.69 0.50 0.00	42.00 0.55 0.00	39.02 0.56 0.00	38.39 0.50 0.00	34.16 0.39 0.00	32.38 0.38 0.00	30.95 0.37 0.00	32.83 0.41 0.00	31.08 0.36 0.00	28.15 0.34 0.00	35.03 0.50 0.00	38.81 0.47 0.00	42.43 0.28 0.00	42.61 0.33 0.00	41.78 0.53 0.00	42.77 0.55 0.00	33.44 0.50 0.00	31.88 0.45 0.00
GILBOA___3 23758	42.17 0.49 0.00	34.81 0.40 0.00	25.96 0.33 0.00	34.65 0.38 0.00	31.47 0.34 0.00	32.50 0.42 0.00	37.69 0.50 0.00	42.00 0.55 0.00	39.02 0.56 0.00	38.39 0.50 0.00	34.16 0.39 0.00	32.38 0.38 0.00	30.95 0.37 0.00	32.83 0.41 0.00	31.08 0.36 0.00	28.15 0.34 0.00	35.03 0.50 0.00	38.81 0.47 0.00	42.43 0.28 0.00	42.61 0.33 0.00	41.78 0.53 0.00	42.77 0.55 0.00	33.44 0.50 0.00	31.88 0.45 0.00
GILBOA___4 23759	42.17 0.49 0.00	34.81 0.40 0.00	25.96 0.33 0.00	34.65 0.38 0.00	31.47 0.34 0.00	32.50 0.42 0.00	37.69 0.50 0.00	42.00 0.55 0.00	39.02 0.56 0.00	38.39 0.50 0.00	34.16 0.39 0.00	32.38 0.38 0.00	30.95 0.37 0.00	32.83 0.41 0.00	31.08 0.36 0.00	28.15 0.34 0.00	35.03 0.50 0.00	38.81 0.47 0.00	42.43 0.28 0.00	42.61 0.33 0.00	41.78 0.53 0.00	42.77 0.55 0.00	33.44 0.50 0.00	31.88 0.45 0.00

GILBOA____ 23599	42.16 0.48 0.00	34.81 0.40 0.00	25.96 0.33 0.00	34.65 0.38 0.00	31.47 0.34 0.00	32.51 0.42 0.00	37.69 0.50 0.00	42.01 0.55 0.00	39.02 0.55 0.00	38.39 0.50 0.00	34.16 0.39 0.00	32.38 0.38 0.00	30.95 0.37 0.00	32.83 0.41 0.00	31.08 0.36 0.00	28.15 0.34 0.00	35.03 0.49 0.00	38.81 0.47 0.00	42.43 0.28 0.00	42.61 0.33 0.00	41.78 0.53 0.00	42.77 0.55 0.00	33.44 0.49 0.00	31.88 0.45 0.00
GINNA____ 23603	39.90 -1.79 0.00	32.97 -1.44 0.00	24.46 -1.17 0.00	32.80 -1.46 0.00	29.75 -1.38 0.00	30.63 -1.46 0.00	35.28 -1.91 0.00	39.26 -2.19 0.00	36.55 -1.91 0.00	36.24 -1.66 0.00	32.55 -1.21 0.00	30.87 -1.13 0.00	29.58 -1.00 0.00	31.25 -1.17 0.00	29.67 -1.05 0.00	26.78 -1.03 0.00	32.90 -1.64 0.00	36.52 -1.82 0.00	39.98 -2.17 0.00	40.00 -2.28 0.00	38.84 -2.41 0.00	39.76 -2.46 0.00	31.14 -1.80 0.00	29.93 -1.49 0.00
GLEN PARK____ 23778	42.04 0.36 0.00	34.77 0.36 0.00	25.78 0.16 0.00	34.70 0.43 0.00	31.76 0.62 0.00	32.81 0.72 0.00	38.20 1.01 0.00	42.75 1.30 0.00	39.30 0.84 0.00	38.61 0.71 0.00	34.31 0.54 0.00	31.74 -0.25 0.00	30.63 0.05 0.00	32.12 -0.31 0.00	30.44 -0.28 0.00	27.66 -0.15 0.00	35.22 0.68 0.00	40.01 1.67 0.00	44.66 2.51 0.00	44.83 2.56 0.00	43.62 2.37 0.00	44.53 2.31 0.00	34.35 1.41 0.00	32.30 0.88 0.00
GLENDALE_27_KV_LOAD 356172	43.25 1.57 0.00	35.65 1.23 0.00	26.61 0.98 0.00	35.46 1.19 0.00	32.24 1.11 0.00	33.36 1.27 0.00	38.72 1.53 0.00	42.93 1.48 0.00	40.21 1.74 0.00	39.65 1.76 0.00	35.44 1.67 0.00	33.67 1.67 0.00	32.16 1.59 0.00	34.13 1.71 0.00	32.24 1.53 0.00	29.15 1.33 0.00	36.00 1.46 0.00	39.68 1.33 0.00	43.59 1.43 0.00	43.76 1.48 0.00	42.68 1.43 0.00	43.73 1.51 0.00	34.42 1.47 0.00	32.80 1.37 0.00
GLENWOOD_IC_1_G5 23712	43.23 1.55 0.00	35.67 1.25 0.00	26.57 0.94 0.00	35.46 1.20 0.00	32.25 1.11 0.00	33.22 1.14 0.00	38.51 1.32 0.00	42.78 1.33 0.00	40.02 1.56 0.00	39.50 1.61 0.00	35.34 1.57 0.00	33.55 1.56 0.00	31.92 1.34 0.00	33.99 1.56 0.00	32.06 1.35 0.00	28.91 1.10 0.00	35.80 1.26 0.00	39.32 0.98 0.00	43.22 1.07 0.00	43.35 1.07 0.00	42.39 1.14 0.00	43.67 1.45 0.00	34.27 1.32 0.00	32.67 1.24 0.00
GLENWOOD_IC_2_G1 23688	43.09 1.41 0.00	35.56 1.15 0.00	26.50 0.87 0.00	35.36 1.10 0.00	32.15 1.02 0.00	33.15 1.07 0.00	38.44 1.25 0.00	42.70 1.25 0.00	39.93 1.46 0.00	39.38 1.49 0.00	35.19 1.42 0.00	33.41 1.42 0.00	31.83 1.26 0.00	33.85 1.43 0.00	31.96 1.24 0.00	28.84 1.04 0.00	35.75 1.21 0.00	39.47 1.13 0.00	43.38 1.23 0.00	43.52 1.24 0.00	42.51 1.26 0.00	43.56 1.34 0.00	34.18 1.24 0.00	32.58 1.16 0.00
GLENWOOD_IC_3_G1 23689	43.09 1.41 0.00	35.56 1.15 0.00	26.50 0.87 0.00	35.36 1.10 0.00	32.15 1.02 0.00	33.15 1.07 0.00	38.44 1.25 0.00	42.70 1.25 0.00	39.93 1.46 0.00	39.38 1.49 0.00	35.19 1.42 0.00	33.41 1.42 0.00	31.83 1.26 0.00	33.85 1.43 0.00	31.96 1.24 0.00	28.84 1.04 0.00	35.75 1.21 0.00	39.47 1.13 0.00	43.38 1.23 0.00	43.52 1.24 0.00	42.51 1.26 0.00	43.56 1.34 0.00	34.18 1.24 0.00	32.58 1.16 0.00
GLENWOOD____4 23550	43.23 1.55 0.00	35.67 1.25 0.00	26.57 0.94 0.00	35.46 1.20 0.00	32.25 1.11 0.00	33.22 1.14 0.00	38.51 1.32 0.00	42.78 1.33 0.00	40.02 1.56 0.00	39.50 1.61 0.00	35.34 1.57 0.00	33.55 1.56 0.00	31.92 1.34 0.00	33.99 1.56 0.00	32.06 1.35 0.00	28.91 1.10 0.00	35.81 1.27 0.00	39.42 1.08 0.00	43.33 1.18 0.00	43.46 1.18 0.00	42.49 1.24 0.00	43.67 1.45 0.00	34.27 1.32 0.00	32.67 1.24 0.00
GLENWOOD____5 23614	43.23 1.55 0.00	35.67 1.25 0.00	26.57 0.94 0.00	35.46 1.20 0.00	32.25 1.11 0.00	33.22 1.14 0.00	38.51 1.32 0.00	42.78 1.33 0.00	40.02 1.56 0.00	39.50 1.61 0.00	35.34 1.57 0.00	33.55 1.56 0.00	31.92 1.34 0.00	33.99 1.56 0.00	32.06 1.35 0.00	28.91 1.10 0.00	35.81 1.27 0.00	39.42 1.08 0.00	43.33 1.18 0.00	43.46 1.18 0.00	42.49 1.24 0.00	43.67 1.45 0.00	34.27 1.32 0.00	32.67 1.24 0.00
GLOBAL GREEN_PORT_GT1 23814	43.56 1.87 0.00	36.14 1.73 0.00	27.04 1.42 0.00	36.19 1.92 0.00	32.96 1.82 0.00	33.89 1.80 0.00	39.35 2.16 0.00	43.63 2.17 0.00	40.92 2.46 0.00	40.21 2.32 0.00	36.10 2.34 0.00	34.37 2.37 0.00	32.23 1.65 0.00	34.49 2.07 0.00	32.27 1.56 0.00	28.89 1.07 0.00	36.08 1.55 0.00	39.80 1.45 0.00	43.39 1.24 0.00	43.42 1.13 -0.01	65.03 1.36 -22.42	125.62 1.21 -82.18	33.87 0.92 0.00	32.10 0.67 0.00
GLOBE____DSASP 323697	40.84 -0.84 0.00	33.84 -0.57 0.00	25.00 -0.62 0.00	33.74 -0.52 0.00	30.48 -0.66 0.00	31.24 -0.85 0.00	35.31 -1.88 0.00	39.06 -2.39 0.00	36.54 -1.93 0.00	36.64 -1.26 0.00	33.49 -0.28 0.00	31.78 -0.21 0.00	30.46 -0.12 0.00	32.03 -0.39 0.00	30.53 -0.18 0.00	27.37 -0.45 0.00	32.67 -1.86 0.00	36.12 -2.22 0.00	39.30 -2.85 0.00	39.19 -3.09 0.00	37.87 -3.38 0.00	39.01 -3.21 0.00	31.07 -1.88 0.00	30.51 -0.91 0.00
GOETHSLN____LBMP 323567	42.93 1.25 0.00	35.43 1.02 0.00	26.41 0.78 0.00	35.20 0.94 0.00	32.02 0.88 0.00	33.06 0.97 0.00	38.36 1.18 0.00	42.60 1.15 0.00	39.83 1.36 0.00	39.29 1.40 0.00	35.09 1.32 0.00	33.34 1.34 0.00	31.87 1.29 0.00	33.82 1.39 0.00	31.94 1.22 0.00	28.88 1.07 0.00	35.71 1.18 0.00	39.41 1.07 0.00	43.33 1.17 0.00	43.46 1.18 0.00	42.38 1.13 0.00	43.41 1.19 0.00	34.12 1.17 0.00	32.52 1.09 0.00
GOLAH____69_KV_TB 1_2 80279	41.96 0.28 0.00	34.68 0.27 0.00	25.71 0.08 0.00	34.54 0.27 0.00	31.32 0.19 0.00	32.18 0.10 0.00	36.94 -0.25 0.00	40.99 -0.46 0.00	38.24 -0.23 0.00	38.01 0.12 0.00	34.29 0.52 0.00	32.52 0.52 0.00	31.11 0.53 0.00	32.81 0.38 0.00	31.24 0.52 0.00	28.20 0.38 0.00	34.36 -0.17 0.00	38.14 -0.20 0.00	41.70 -0.45 0.00	41.71 -0.57 0.00	40.43 -0.82 0.00	41.46 -0.77 0.00	32.52 -0.42 0.00	31.42 -0.01 0.00
GOODYEAR_LAKE_HYD 323669	42.41 0.73 0.00	35.08 0.67 0.00	26.08 0.46 0.00	34.90 0.63 0.00	31.66 0.52 0.00	32.70 0.61 0.00	37.94 0.75 0.00	42.23 0.78 0.00	39.20 0.73 0.00	38.61 0.71 0.00	34.48 0.71 0.00	32.69 0.69 0.00	31.25 0.67 0.00	33.05 0.63 0.00	31.30 0.59 0.00	28.42 0.61 0.00	35.31 0.78 0.00	39.29 0.95 0.00	43.09 0.94 0.00	43.20 0.92 0.00	42.10 0.85 0.00	43.08 0.86 0.00	33.56 0.61 0.00	31.95 0.52 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	41.58 -0.10 0.00	34.43 0.02 0.00	25.61 -0.02 0.00	34.30 0.04 0.00	31.06 -0.07 0.00	32.05 -0.03 0.00	37.19 0.00 0.00	41.39 -0.06 0.00	38.32 -0.14 0.00	37.88 -0.01 0.00	33.79 0.02 0.00	32.05 0.06 0.00	30.55 -0.03 0.00	32.28 -0.14 0.00	30.64 -0.08 0.00	27.76 -0.05 0.00	34.39 -0.14 0.00	38.39 0.05 0.00	42.01 -0.14 0.00	42.10 -0.18 0.00	40.97 -0.28 0.00	42.00 -0.22 0.00	32.77 -0.17 0.00	31.42 -0.01 0.00

GOUDEY___7 23579	41.58 -0.10 0.00	34.43 0.02 0.00	25.61 -0.02 0.00	34.30 0.04 0.00	31.06 -0.07 0.00	32.05 -0.03 0.00	37.19 0.00 0.00	41.39 -0.06 0.00	38.32 -0.14 0.00	37.88 -0.01 0.00	33.79 0.02 0.00	32.05 0.06 0.00	30.55 -0.03 0.00	32.28 -0.14 0.00	30.64 -0.08 0.00	27.76 -0.05 0.00	34.39 -0.14 0.00	38.39 0.05 0.00	42.01 -0.14 0.00	42.10 -0.18 0.00	40.97 -0.28 0.00	42.00 -0.22 0.00	32.77 -0.17 0.00	31.42 -0.01 0.00
GOUDEY___8 23580	41.58 -0.10 0.00	34.43 0.02 0.00	25.61 -0.02 0.00	34.30 0.04 0.00	31.06 -0.07 0.00	32.05 -0.03 0.00	37.19 0.00 0.00	41.39 -0.06 0.00	38.32 -0.14 0.00	37.88 -0.01 0.00	33.79 0.02 0.00	32.05 0.06 0.00	30.55 -0.03 0.00	32.28 -0.14 0.00	30.64 -0.08 0.00	27.76 -0.05 0.00	34.39 -0.14 0.00	38.39 0.05 0.00	42.01 -0.14 0.00	42.10 -0.18 0.00	40.97 -0.28 0.00	42.00 -0.22 0.00	32.77 -0.17 0.00	31.42 -0.01 0.00
GOWANUS_GT1_1 24077	42.99 1.31 0.00	35.48 1.07 0.00	26.49 0.86 0.00	35.29 1.02 0.00	32.09 0.95 0.00	33.21 1.12 0.00	38.53 1.34 0.00	42.69 1.24 0.00	40.03 1.56 0.00	39.46 1.57 0.00	35.27 1.50 0.00	33.48 1.48 0.00	31.97 1.39 0.00	33.92 1.50 0.00	32.05 1.33 0.00	28.97 1.16 0.00	35.77 1.23 0.00	39.40 1.06 0.00	43.34 1.19 0.00	43.52 1.24 0.00	42.46 1.21 0.00	43.50 1.28 0.00	34.27 1.32 0.00	32.67 1.24 0.00
GOWANUS_GT1_2 24078	42.99 1.31 0.00	35.48 1.07 0.00	26.49 0.86 0.00	35.29 1.02 0.00	32.09 0.95 0.00	33.21 1.12 0.00	38.53 1.34 0.00	42.69 1.24 0.00	40.03 1.56 0.00	39.46 1.57 0.00	35.27 1.50 0.00	33.48 1.48 0.00	31.97 1.39 0.00	33.92 1.50 0.00	32.05 1.33 0.00	28.97 1.16 0.00	35.77 1.23 0.00	39.40 1.06 0.00	43.34 1.19 0.00	43.52 1.24 0.00	42.46 1.21 0.00	43.50 1.28 0.00	34.27 1.32 0.00	32.67 1.24 0.00
GOWANUS_GT1_3 24079	42.99 1.31 0.00	35.48 1.07 0.00	26.49 0.86 0.00	35.29 1.02 0.00	32.09 0.95 0.00	33.21 1.12 0.00	38.53 1.34 0.00	42.69 1.24 0.00	40.03 1.56 0.00	39.46 1.57 0.00	35.27 1.50 0.00	33.48 1.48 0.00	31.97 1.39 0.00	33.92 1.50 0.00	32.05 1.33 0.00	28.97 1.16 0.00	35.77 1.23 0.00	39.40 1.06 0.00	43.34 1.19 0.00	43.52 1.24 0.00	42.46 1.21 0.00	43.50 1.28 0.00	34.27 1.32 0.00	32.67 1.24 0.00
GOWANUS_GT1_4 24080	42.99 1.31 0.00	35.48 1.07 0.00	26.49 0.86 0.00	35.29 1.02 0.00	32.09 0.95 0.00	33.21 1.12 0.00	38.53 1.34 0.00	42.69 1.24 0.00	40.03 1.56 0.00	39.46 1.57 0.00	35.27 1.50 0.00	33.48 1.48 0.00	31.97 1.39 0.00	33.92 1.50 0.00	32.05 1.33 0.00	28.97 1.16 0.00	35.77 1.23 0.00	39.40 1.06 0.00	43.34 1.19 0.00	43.52 1.24 0.00	42.46 1.21 0.00	43.50 1.28 0.00	34.27 1.32 0.00	32.67 1.24 0.00
GOWANUS_GT1_5 24084	42.99 1.31 0.00	35.48 1.07 0.00	26.49 0.86 0.00	35.29 1.02 0.00	32.09 0.95 0.00	33.21 1.12 0.00	38.53 1.34 0.00	42.69 1.24 0.00	40.03 1.56 0.00	39.46 1.57 0.00	35.27 1.50 0.00	33.48 1.48 0.00	31.97 1.39 0.00	33.92 1.50 0.00	32.05 1.33 0.00	28.97 1.16 0.00	35.77 1.23 0.00	39.40 1.06 0.00	43.34 1.19 0.00	43.52 1.24 0.00	42.46 1.21 0.00	43.50 1.28 0.00	34.27 1.32 0.00	32.67 1.24 0.00
GOWANUS_GT1_6 24111	42.99 1.31 0.00	35.48 1.07 0.00	26.49 0.86 0.00	35.29 1.02 0.00	32.09 0.95 0.00	33.21 1.12 0.00	38.53 1.34 0.00	42.69 1.24 0.00	40.03 1.56 0.00	39.46 1.57 0.00	35.27 1.50 0.00	33.48 1.48 0.00	31.97 1.39 0.00	33.92 1.50 0.00	32.05 1.33 0.00	28.97 1.16 0.00	35.77 1.23 0.00	39.40 1.06 0.00	43.34 1.19 0.00	43.52 1.24 0.00	42.46 1.21 0.00	43.50 1.28 0.00	34.27 1.32 0.00	32.67 1.24 0.00
GOWANUS_GT1_7 24112	42.99 1.31 0.00	35.48 1.07 0.00	26.49 0.86 0.00	35.29 1.02 0.00	32.09 0.95 0.00	33.21 1.12 0.00	38.53 1.34 0.00	42.69 1.24 0.00	40.03 1.56 0.00	39.46 1.57 0.00	35.27 1.50 0.00	33.48 1.48 0.00	31.97 1.39 0.00	33.92 1.50 0.00	32.05 1.33 0.00	28.97 1.16 0.00	35.77 1.23 0.00	39.40 1.06 0.00	43.34 1.19 0.00	43.52 1.24 0.00	42.46 1.21 0.00	43.50 1.28 0.00	34.27 1.32 0.00	32.67 1.24 0.00
GOWANUS_GT1_8 24113	42.99 1.31 0.00	35.48 1.07 0.00	26.49 0.86 0.00	35.29 1.02 0.00	32.09 0.95 0.00	33.21 1.12 0.00	38.53 1.34 0.00	42.69 1.24 0.00	40.03 1.56 0.00	39.46 1.57 0.00	35.27 1.50 0.00	33.48 1.48 0.00	31.97 1.39 0.00	33.92 1.50 0.00	32.05 1.33 0.00	28.97 1.16 0.00	35.77 1.23 0.00	39.40 1.06 0.00	43.34 1.19 0.00	43.52 1.24 0.00	42.46 1.21 0.00	43.50 1.28 0.00	34.27 1.32 0.00	32.67 1.24 0.00
GOWANUS_GT2_1 24114	42.98 1.30 0.00	35.48 1.07 0.00	26.49 0.86 0.00	35.28 1.02 0.00	32.08 0.95 0.00	33.21 1.12 0.00	38.53 1.34 0.00	42.69 1.24 0.00	40.04 1.57 0.00	39.46 1.57 0.00	35.27 1.50 0.00	33.48 1.49 0.00	31.97 1.39 0.00	33.93 1.50 0.00	32.05 1.33 0.00	28.97 1.16 0.00	35.77 1.23 0.00	39.40 1.06 0.00	43.34 1.18 0.00	43.52 1.24 0.00	42.46 1.21 0.00	43.50 1.28 0.00	34.27 1.32 0.00	32.66 1.24 0.00
GOWANUS_GT2_2 24115	42.98 1.30 0.00	35.48 1.07 0.00	26.49 0.86 0.00	35.28 1.02 0.00	32.08 0.95 0.00	33.21 1.12 0.00	38.53 1.34 0.00	42.69 1.24 0.00	40.04 1.57 0.00	39.46 1.57 0.00	35.27 1.50 0.00	33.48 1.49 0.00	31.97 1.39 0.00	33.93 1.50 0.00	32.05 1.33 0.00	28.97 1.16 0.00	35.77 1.23 0.00	39.40 1.06 0.00	43.34 1.18 0.00	43.52 1.24 0.00	42.46 1.21 0.00	43.50 1.28 0.00	34.27 1.32 0.00	32.66 1.24 0.00
GOWANUS_GT2_3 24116	42.98 1.30 0.00	35.48 1.07 0.00	26.49 0.86 0.00	35.28 1.02 0.00	32.08 0.95 0.00	33.21 1.12 0.00	38.53 1.34 0.00	42.69 1.24 0.00	40.04 1.57 0.00	39.46 1.57 0.00	35.27 1.50 0.00	33.48 1.49 0.00	31.97 1.39 0.00	33.93 1.50 0.00	32.05 1.33 0.00	28.97 1.16 0.00	35.77 1.23 0.00	39.40 1.06 0.00	43.34 1.18 0.00	43.52 1.24 0.00	42.46 1.21 0.00	43.50 1.28 0.00	34.27 1.32 0.00	32.66 1.24 0.00
GOWANUS_GT2_4 24117	42.98 1.30 0.00	35.48 1.07 0.00	26.49 0.86 0.00	35.28 1.02 0.00	32.08 0.95 0.00	33.21 1.12 0.00	38.53 1.34 0.00	42.69 1.24 0.00	40.04 1.57 0.00	39.46 1.57 0.00	35.27 1.50 0.00	33.48 1.49 0.00	31.97 1.39 0.00	33.93 1.50 0.00	32.05 1.33 0.00	28.97 1.16 0.00	35.77 1.23 0.00	39.40 1.06 0.00	43.34 1.18 0.00	43.52 1.24 0.00	42.46 1.21 0.00	43.50 1.28 0.00	34.27 1.32 0.00	32.66 1.24 0.00
GOWANUS_GT2_5 24118	42.98 1.30 0.00	35.48 1.07 0.00	26.49 0.86 0.00	35.28 1.02 0.00	32.08 0.95 0.00	33.21 1.12 0.00	38.53 1.34 0.00	42.69 1.24 0.00	40.04 1.57 0.00	39.46 1.57 0.00	35.27 1.50 0.00	33.48 1.49 0.00	31.97 1.39 0.00	33.93 1.50 0.00	32.05 1.33 0.00	28.97 1.16 0.00	35.77 1.23 0.00	39.40 1.06 0.00	43.34 1.18 0.00	43.52 1.24 0.00	42.46 1.21 0.00	43.50 1.28 0.00	34.27 1.32 0.00	32.66 1.24 0.00

GOWANUS_GT2_6 24119	42.98 1.30 0.00	35.48 1.07 0.00	26.49 0.86 0.00	35.28 1.02 0.00	32.08 0.95 0.00	33.21 1.12 0.00	38.53 1.34 0.00	42.69 1.24 0.00	40.04 1.57 0.00	39.46 1.57 0.00	35.27 1.50 0.00	33.48 1.49 0.00	31.97 1.39 0.00	33.93 1.50 0.00	32.05 1.33 0.00	28.97 1.16 0.00	35.77 1.23 0.00	39.40 1.06 0.00	43.34 1.18 0.00	43.52 1.24 0.00	42.46 1.21 0.00	43.50 1.28 0.00	34.27 1.32 0.00	32.66 1.24 0.00
GOWANUS_GT2_7 24120	42.98 1.30 0.00	35.48 1.07 0.00	26.49 0.86 0.00	35.28 1.02 0.00	32.08 0.95 0.00	33.21 1.12 0.00	38.53 1.34 0.00	42.69 1.24 0.00	40.04 1.57 0.00	39.46 1.57 0.00	35.27 1.50 0.00	33.48 1.49 0.00	31.97 1.39 0.00	33.93 1.50 0.00	32.05 1.33 0.00	28.97 1.16 0.00	35.77 1.23 0.00	39.40 1.06 0.00	43.34 1.18 0.00	43.52 1.24 0.00	42.46 1.21 0.00	43.50 1.28 0.00	34.27 1.32 0.00	32.66 1.24 0.00
GOWANUS_GT2_8 24121	42.98 1.30 0.00	35.48 1.07 0.00	26.49 0.86 0.00	35.28 1.02 0.00	32.08 0.95 0.00	33.21 1.12 0.00	38.53 1.34 0.00	42.69 1.24 0.00	40.04 1.57 0.00	39.46 1.57 0.00	35.27 1.50 0.00	33.48 1.49 0.00	31.97 1.39 0.00	33.93 1.50 0.00	32.05 1.33 0.00	28.97 1.16 0.00	35.77 1.23 0.00	39.40 1.06 0.00	43.34 1.18 0.00	43.52 1.24 0.00	42.46 1.21 0.00	43.50 1.28 0.00	34.27 1.32 0.00	32.66 1.24 0.00
GOWANUS_GT3_1 24122	42.98 1.30 0.00	35.48 1.07 0.00	26.49 0.86 0.00	35.28 1.02 0.00	32.08 0.95 0.00	33.21 1.12 0.00	38.53 1.34 0.00	42.69 1.24 0.00	40.04 1.57 0.00	39.46 1.57 0.00	35.27 1.50 0.00	33.48 1.49 0.00	31.97 1.39 0.00	33.93 1.50 0.00	32.05 1.33 0.00	28.97 1.16 0.00	35.77 1.23 0.00	39.40 1.06 0.00	43.34 1.18 0.00	43.52 1.24 0.00	42.46 1.21 0.00	43.50 1.28 0.00	34.27 1.32 0.00	32.66 1.24 0.00
GOWANUS_GT3_2 24123	42.98 1.30 0.00	35.48 1.07 0.00	26.49 0.86 0.00	35.28 1.02 0.00	32.08 0.95 0.00	33.21 1.12 0.00	38.53 1.34 0.00	42.69 1.24 0.00	40.04 1.57 0.00	39.46 1.57 0.00	35.27 1.50 0.00	33.48 1.49 0.00	31.97 1.39 0.00	33.93 1.50 0.00	32.05 1.33 0.00	28.97 1.16 0.00	35.77 1.23 0.00	39.40 1.06 0.00	43.34 1.18 0.00	43.52 1.24 0.00	42.46 1.21 0.00	43.50 1.28 0.00	34.27 1.32 0.00	32.66 1.24 0.00
GOWANUS_GT3_3 24124	42.98 1.30 0.00	35.48 1.07 0.00	26.49 0.86 0.00	35.28 1.02 0.00	32.08 0.95 0.00	33.21 1.12 0.00	38.53 1.34 0.00	42.69 1.24 0.00	40.04 1.57 0.00	39.46 1.57 0.00	35.27 1.50 0.00	33.48 1.49 0.00	31.97 1.39 0.00	33.93 1.50 0.00	32.05 1.33 0.00	28.97 1.16 0.00	35.77 1.23 0.00	39.40 1.06 0.00	43.34 1.18 0.00	43.52 1.24 0.00	42.46 1.21 0.00	43.50 1.28 0.00	34.27 1.32 0.00	32.66 1.24 0.00
GOWANUS_GT3_4 24125	42.98 1.30 0.00	35.48 1.07 0.00	26.49 0.86 0.00	35.28 1.02 0.00	32.08 0.95 0.00	33.21 1.12 0.00	38.53 1.34 0.00	42.69 1.24 0.00	40.04 1.57 0.00	39.46 1.57 0.00	35.27 1.50 0.00	33.48 1.49 0.00	31.97 1.39 0.00	33.93 1.50 0.00	32.05 1.33 0.00	28.97 1.16 0.00	35.77 1.23 0.00	39.40 1.06 0.00	43.34 1.18 0.00	43.52 1.24 0.00	42.46 1.21 0.00	43.50 1.28 0.00	34.27 1.32 0.00	32.66 1.24 0.00
GOWANUS_GT3_5 24126	42.98 1.30 0.00	35.48 1.07 0.00	26.49 0.86 0.00	35.28 1.02 0.00	32.08 0.95 0.00	33.21 1.12 0.00	38.53 1.34 0.00	42.69 1.24 0.00	40.04 1.57 0.00	39.46 1.57 0.00	35.27 1.50 0.00	33.48 1.49 0.00	31.97 1.39 0.00	33.93 1.50 0.00	32.05 1.33 0.00	28.97 1.16 0.00	35.77 1.23 0.00	39.40 1.06 0.00	43.34 1.18 0.00	43.52 1.24 0.00	42.46 1.21 0.00	43.50 1.28 0.00	34.27 1.32 0.00	32.66 1.24 0.00
GOWANUS_GT3_6 24127	42.98 1.30 0.00	35.48 1.07 0.00	26.49 0.86 0.00	35.28 1.02 0.00	32.08 0.95 0.00	33.21 1.12 0.00	38.53 1.34 0.00	42.69 1.24 0.00	40.04 1.57 0.00	39.46 1.57 0.00	35.27 1.50 0.00	33.48 1.49 0.00	31.97 1.39 0.00	33.93 1.50 0.00	32.05 1.33 0.00	28.97 1.16 0.00	35.77 1.23 0.00	39.40 1.06 0.00	43.34 1.18 0.00	43.52 1.24 0.00	42.46 1.21 0.00	43.50 1.28 0.00	34.27 1.32 0.00	32.66 1.24 0.00
GOWANUS_GT3_7 24128	42.98 1.30 0.00	35.48 1.07 0.00	26.49 0.86 0.00	35.28 1.02 0.00	32.08 0.95 0.00	33.21 1.12 0.00	38.53 1.34 0.00	42.69 1.24 0.00	40.04 1.57 0.00	39.46 1.57 0.00	35.27 1.50 0.00	33.48 1.49 0.00	31.97 1.39 0.00	33.93 1.50 0.00	32.05 1.33 0.00	28.97 1.16 0.00	35.77 1.23 0.00	39.40 1.06 0.00	43.34 1.18 0.00	43.52 1.24 0.00	42.46 1.21 0.00	43.50 1.28 0.00	34.27 1.32 0.00	32.66 1.24 0.00
GOWANUS_GT3_8 24129	42.98 1.30 0.00	35.48 1.07 0.00	26.49 0.86 0.00	35.28 1.02 0.00	32.08 0.95 0.00	33.21 1.12 0.00	38.53 1.34 0.00	42.69 1.24 0.00	40.04 1.57 0.00	39.46 1.57 0.00	35.27 1.50 0.00	33.48 1.49 0.00	31.97 1.39 0.00	33.93 1.50 0.00	32.05 1.33 0.00	28.97 1.16 0.00	35.77 1.23 0.00	39.40 1.06 0.00	43.34 1.18 0.00	43.52 1.24 0.00	42.46 1.21 0.00	43.50 1.28 0.00	34.27 1.32 0.00	32.66 1.24 0.00
GOWANUS_GT4_1 24130	42.99 1.31 0.00	35.48 1.07 0.00	26.49 0.86 0.00	35.29 1.02 0.00	32.09 0.95 0.00	33.21 1.12 0.00	38.53 1.34 0.00	42.69 1.24 0.00	40.03 1.56 0.00	39.46 1.57 0.00	35.27 1.50 0.00	33.48 1.48 0.00	31.97 1.39 0.00	33.92 1.50 0.00	32.05 1.33 0.00	28.97 1.16 0.00	35.77 1.23 0.00	39.40 1.06 0.00	43.34 1.19 0.00	43.52 1.24 0.00	42.46 1.21 0.00	43.50 1.28 0.00	34.27 1.32 0.00	32.67 1.24 0.00
GOWANUS_GT4_2 24131	42.99 1.31 0.00	35.48 1.07 0.00	26.49 0.86 0.00	35.29 1.02 0.00	32.09 0.95 0.00	33.21 1.12 0.00	38.53 1.34 0.00	42.69 1.24 0.00	40.03 1.56 0.00	39.46 1.57 0.00	35.27 1.50 0.00	33.48 1.48 0.00	31.97 1.39 0.00	33.92 1.50 0.00	32.05 1.33 0.00	28.97 1.16 0.00	35.77 1.23 0.00	39.40 1.06 0.00	43.34 1.19 0.00	43.52 1.24 0.00	42.46 1.21 0.00	43.50 1.28 0.00	34.27 1.32 0.00	32.67 1.24 0.00
GOWANUS_GT4_3 24132	42.99 1.31 0.00	35.48 1.07 0.00	26.49 0.86 0.00	35.29 1.02 0.00	32.09 0.95 0.00	33.21 1.12 0.00	38.53 1.34 0.00	42.69 1.24 0.00	40.03 1.56 0.00	39.46 1.57 0.00	35.27 1.50 0.00	33.48 1.48 0.00	31.97 1.39 0.00	33.92 1.50 0.00	32.05 1.33 0.00	28.97 1.16 0.00	35.77 1.23 0.00	39.40 1.06 0.00	43.34 1.19 0.00	43.52 1.24 0.00	42.46 1.21 0.00	43.50 1.28 0.00	34.27 1.32 0.00	32.67 1.24 0.00
GOWANUS_GT4_4 24133	42.99 1.31 0.00	35.48 1.07 0.00	26.49 0.86 0.00	35.29 1.02 0.00	32.09 0.95 0.00	33.21 1.12 0.00	38.53 1.34 0.00	42.69 1.24 0.00	40.03 1.56 0.00	39.46 1.57 0.00	35.27 1.50 0.00	33.48 1.48 0.00	31.97 1.39 0.00	33.92 1.50 0.00	32.05 1.33 0.00	28.97 1.16 0.00	35.77 1.23 0.00	39.40 1.06 0.00	43.34 1.19 0.00	43.52 1.24 0.00	42.46 1.21 0.00	43.50 1.28 0.00	34.27 1.32 0.00	32.67 1.24 0.00

GOWANUS_GT4_5 24134	42.99 1.31 0.00	35.48 1.07 0.00	26.49 0.86 0.00	35.29 1.02 0.00	32.09 0.95 0.00	33.21 1.12 0.00	38.53 1.34 0.00	42.69 1.24 0.00	40.03 1.56 0.00	39.46 1.57 0.00	35.27 1.50 0.00	33.48 1.48 0.00	31.97 1.39 0.00	33.92 1.50 0.00	32.05 1.33 0.00	28.97 1.16 0.00	35.77 1.23 0.00	39.40 1.06 0.00	43.34 1.19 0.00	43.52 1.24 0.00	42.46 1.21 0.00	43.50 1.28 0.00	34.27 1.32 0.00	32.67 1.24 0.00
GOWANUS_GT4_6 24135	42.99 1.31 0.00	35.48 1.07 0.00	26.49 0.86 0.00	35.29 1.02 0.00	32.09 0.95 0.00	33.21 1.12 0.00	38.53 1.34 0.00	42.69 1.24 0.00	40.03 1.56 0.00	39.46 1.57 0.00	35.27 1.50 0.00	33.48 1.48 0.00	31.97 1.39 0.00	33.92 1.50 0.00	32.05 1.33 0.00	28.97 1.16 0.00	35.77 1.23 0.00	39.40 1.06 0.00	43.34 1.19 0.00	43.52 1.24 0.00	42.46 1.21 0.00	43.50 1.28 0.00	34.27 1.32 0.00	32.67 1.24 0.00
GOWANUS_GT4_7 24136	42.99 1.31 0.00	35.48 1.07 0.00	26.49 0.86 0.00	35.29 1.02 0.00	32.09 0.95 0.00	33.21 1.12 0.00	38.53 1.34 0.00	42.69 1.24 0.00	40.03 1.56 0.00	39.46 1.57 0.00	35.27 1.50 0.00	33.48 1.48 0.00	31.97 1.39 0.00	33.92 1.50 0.00	32.05 1.33 0.00	28.97 1.16 0.00	35.77 1.23 0.00	39.40 1.06 0.00	43.34 1.19 0.00	43.52 1.24 0.00	42.46 1.21 0.00	43.50 1.28 0.00	34.27 1.32 0.00	32.67 1.24 0.00
GOWANUS_GT4_8 24137	42.99 1.31 0.00	35.48 1.07 0.00	26.49 0.86 0.00	35.29 1.02 0.00	32.09 0.95 0.00	33.21 1.12 0.00	38.53 1.34 0.00	42.69 1.24 0.00	40.03 1.56 0.00	39.46 1.57 0.00	35.27 1.50 0.00	33.48 1.48 0.00	31.97 1.39 0.00	33.92 1.50 0.00	32.05 1.33 0.00	28.97 1.16 0.00	35.77 1.23 0.00	39.40 1.06 0.00	43.34 1.19 0.00	43.52 1.24 0.00	42.46 1.21 0.00	43.50 1.28 0.00	34.27 1.32 0.00	32.67 1.24 0.00
GREATVRV_69_KV_BK1 356245	43.56 1.88 0.00	35.93 1.52 0.00	26.76 1.14 0.00	35.71 1.45 0.00	32.49 1.36 0.00	33.41 1.32 0.00	38.66 1.47 0.00	42.84 1.39 0.00	40.21 1.74 0.00	39.75 1.86 0.00	35.61 1.84 0.00	33.83 1.83 0.00	31.95 1.37 0.00	34.16 1.74 0.00	32.21 1.49 0.00	28.90 1.10 0.00	35.83 1.29 0.00	39.71 1.37 0.00	43.62 1.46 0.00	43.68 1.39 0.00	53.04 1.56 -10.23	81.17 1.46 -37.49	34.34 1.39 0.00	32.70 1.28 0.00
GREENBSH_115KV_TB3 55895	41.75 0.07 0.00	34.45 0.03 0.00	25.76 0.14 0.00	34.27 0.01 0.00	31.20 0.06 0.00	32.25 0.16 0.00	37.40 0.21 0.00	41.78 0.32 0.00	38.75 0.29 0.00	37.99 0.10 0.00	33.66 -0.11 0.00	31.86 -0.14 0.00	30.50 -0.07 0.00	32.37 -0.06 0.00	30.70 -0.02 0.00	27.86 0.05 0.00	34.79 0.26 0.00	38.48 0.13 0.00	42.27 0.11 0.00	42.40 0.12 0.00	41.49 0.24 0.00	42.45 0.23 0.00	33.21 0.26 0.00	31.63 0.20 0.00
GREENDGE_115KV_TB5 80291	41.23 -0.45 0.00	34.26 -0.15 0.00	25.46 -0.17 0.00	34.11 -0.16 0.00	30.91 -0.22 0.00	31.90 -0.19 0.00	36.90 -0.29 0.00	40.84 -0.61 0.00	38.07 -0.39 0.00	37.62 -0.27 0.00	33.85 0.08 0.00	32.11 0.11 0.00	30.67 0.10 0.00	32.45 0.02 0.00	30.88 0.16 0.00	27.99 0.18 0.00	34.26 -0.27 0.00	38.21 -0.14 0.00	41.77 -0.38 0.00	41.74 -0.54 0.00	40.53 -0.71 0.00	41.51 -0.71 0.00	32.56 -0.38 0.00	31.32 -0.11 0.00
GREENIDGE___3 23582	41.23 -0.45 0.00	34.26 -0.15 0.00	25.46 -0.17 0.00	34.11 -0.16 0.00	30.91 -0.22 0.00	31.90 -0.19 0.00	36.90 -0.29 0.00	40.84 -0.61 0.00	38.07 -0.39 0.00	37.62 -0.27 0.00	33.85 0.08 0.00	32.11 0.11 0.00	30.67 0.10 0.00	32.45 0.02 0.00	30.88 0.16 0.00	27.99 0.18 0.00	34.26 -0.27 0.00	38.21 -0.14 0.00	41.77 -0.38 0.00	41.74 -0.54 0.00	40.53 -0.71 0.00	41.51 -0.71 0.00	32.56 -0.38 0.00	31.32 -0.11 0.00
GREENIDGE___4 23583	41.24 -0.44 0.00	34.26 -0.15 0.00	25.46 -0.16 0.00	34.11 -0.16 0.00	30.91 -0.22 0.00	31.90 -0.18 0.00	36.90 -0.29 0.00	40.85 -0.60 0.00	38.07 -0.40 0.00	37.62 -0.27 0.00	33.85 0.08 0.00	32.11 0.11 0.00	30.67 0.10 0.00	32.45 0.02 0.00	30.88 0.16 0.00	27.99 0.18 0.00	34.26 -0.28 0.00	38.21 -0.14 0.00	41.77 -0.38 0.00	41.74 -0.54 0.00	40.53 -0.71 0.00	41.50 -0.72 0.00	32.56 -0.38 0.00	31.32 -0.11 0.00
GREENLWN_69_KV_BK 3 55738	42.78 1.10 0.00	35.31 0.90 0.00	26.32 0.69 0.00	35.11 0.84 0.00	31.95 0.82 0.00	32.82 0.73 0.00	37.95 0.76 0.00	42.01 0.56 0.00	39.41 0.94 0.00	38.95 1.06 0.00	34.95 1.18 0.00	33.25 1.25 0.00	31.38 0.81 0.00	33.54 1.11 0.00	31.54 0.83 0.00	28.30 0.48 0.00	35.08 0.55 0.00	38.82 0.47 0.00	42.66 0.51 0.00	42.75 0.47 0.00	38.96 0.62 2.91	32.19 0.62 10.65	33.67 0.72 0.00	32.13 0.70 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	42.99 1.31 0.00	35.48 1.07 0.00	26.49 0.86 0.00	35.29 1.02 0.00	32.09 0.95 0.00	33.21 1.12 0.00	38.53 1.34 0.00	42.69 1.24 0.00	40.03 1.56 0.00	39.46 1.57 0.00	35.27 1.50 0.00	33.48 1.48 0.00	31.97 1.39 0.00	33.92 1.50 0.00	32.05 1.33 0.00	28.97 1.16 0.00	35.77 1.23 0.00	39.40 1.06 0.00	43.34 1.19 0.00	43.52 1.24 0.00	42.46 1.21 0.00	43.50 1.28 0.00	34.27 1.32 0.00	32.67 1.24 0.00
GRISSOM___SOLAR 323813	42.73 1.05 0.00	35.26 0.85 0.00	26.24 0.61 0.00	35.08 0.81 0.00	31.87 0.73 0.00	32.92 0.83 0.00	38.19 1.00 0.00	42.60 1.15 0.00	38.84 0.37 0.00	37.45 -0.45 0.00	33.26 -0.51 0.00	31.40 -0.60 0.00	30.01 -0.57 0.00	31.80 -0.63 0.00	30.14 -0.58 0.00	27.39 -0.42 0.00	34.81 0.27 0.00	38.92 0.58 0.00	43.31 1.16 0.00	43.45 1.17 0.00	42.39 1.14 0.00	43.36 1.14 0.00	33.77 0.82 0.00	32.13 0.70 0.00
GROVEVILLE___HYD 323602	43.28 1.60 0.00	35.72 1.31 0.00	26.61 0.98 0.00	35.51 1.25 0.00	32.29 1.15 0.00	33.35 1.26 0.00	38.71 1.52 0.00	43.11 1.66 0.00	40.17 1.70 0.00	39.57 1.67 0.00	35.22 1.45 0.00	33.45 1.45 0.00	31.99 1.41 0.00	33.96 1.53 0.00	32.11 1.40 0.00	29.06 1.25 0.00	36.09 1.56 0.00	39.95 1.61 0.00	43.89 1.74 0.00	44.05 1.77 0.00	42.98 1.73 0.00	44.00 1.77 0.00	34.44 1.49 0.00	32.79 1.36 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	41.52 -0.16 0.00	34.31 -0.10 0.00	25.51 -0.12 0.00	34.14 -0.13 0.00	30.99 -0.15 0.00	31.96 -0.13 0.00	36.96 -0.23 0.00	41.10 -0.35 0.00	38.06 -0.41 0.00	37.46 -0.43 0.00	33.46 -0.31 0.00	31.73 -0.27 0.00	30.33 -0.25 0.00	32.13 -0.30 0.00	30.48 -0.23 0.00	27.61 -0.20 0.00	34.28 -0.26 0.00	38.14 -0.20 0.00	41.85 -0.30 0.00	41.93 -0.35 0.00	40.86 -0.39 0.00	41.81 -0.41 0.00	32.66 -0.29 0.00	31.20 -0.23 0.00
HAMLTNNY_34_KV_TB 80303	41.62 -0.06 0.00	34.39 -0.02 0.00	25.55 -0.08 0.00	34.21 -0.05 0.00	31.05 -0.09 0.00	32.02 -0.07 0.00	37.01 -0.18 0.00	41.16 -0.29 0.00	38.09 -0.38 0.00	37.46 -0.43 0.00	33.53 -0.24 0.00	31.81 -0.18 0.00	30.43 -0.15 0.00	32.21 -0.21 0.00	30.59 -0.13 0.00	27.69 -0.12 0.00	34.33 -0.21 0.00	38.22 -0.12 0.00	41.93 -0.22 0.00	41.97 -0.31 0.00	40.89 -0.36 0.00	41.84 -0.39 0.00	32.70 -0.25 0.00	31.25 -0.18 0.00

HAMPSHIRE___PAPER_HYD 323593	42.05 0.37 0.00	34.73 0.32 0.00	25.76 0.13 0.00	34.57 0.31 0.00	31.59 0.46 0.00	32.53 0.44 0.00	37.99 0.80 0.00	42.56 1.11 0.00	39.30 0.84 0.00	38.61 0.72 0.00	34.34 0.57 0.00	32.27 0.28 0.00	30.89 0.31 0.00	32.61 0.18 0.00	30.92 0.21 0.00	28.00 0.19 0.00	35.03 0.49 0.00	39.39 1.05 0.00	43.85 1.70 0.00	44.05 1.77 0.00	42.87 1.62 0.00	43.86 1.64 0.00	34.00 1.05 0.00	32.15 0.73 0.00
HARDSCRABBLE_WT_PWR 323673	43.50 1.82 0.00	35.85 1.44 0.00	26.77 1.14 0.00	35.73 1.46 0.00	32.46 1.32 0.00	33.54 1.45 0.00	38.95 1.77 0.00	43.46 2.01 0.00	39.77 1.30 0.00	38.56 0.66 0.00	33.98 0.21 0.00	32.16 0.16 0.00	30.67 0.09 0.00	32.50 0.07 0.00	30.86 0.14 0.00	28.20 0.39 0.00	35.49 0.95 0.00	39.63 1.29 0.00	43.81 1.65 0.00	43.67 1.39 0.00	42.77 1.52 0.00	43.87 1.65 0.00	34.17 1.22 0.00	32.52 1.10 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	43.01 1.33 0.00	35.56 1.15 0.00	26.47 0.85 0.00	35.37 1.10 0.00	32.15 1.02 0.00	33.19 1.11 0.00	38.52 1.33 0.00	42.87 1.42 0.00	39.94 1.47 0.00	39.42 1.53 0.00	35.14 1.38 0.00	33.37 1.37 0.00	31.92 1.35 0.00	33.85 1.43 0.00	32.00 1.28 0.00	28.96 1.14 0.00	35.91 1.38 0.00	39.73 1.39 0.00	43.71 1.56 0.00	43.86 1.58 0.00	42.74 1.49 0.00	43.74 1.53 0.00	34.27 1.33 0.00	32.65 1.23 0.00
HARSNRAD_115KV_TB1 81005	41.09 -0.59 0.00	34.05 -0.36 0.00	25.17 -0.46 0.00	33.93 -0.34 0.00	30.68 -0.45 0.00	31.47 -0.62 0.00	35.84 -1.35 0.00	39.59 -1.86 0.00	37.06 -1.41 0.00	37.10 -0.79 0.00	33.72 -0.05 0.00	32.01 0.01 0.00	30.65 0.08 0.00	32.24 -0.18 0.00	30.73 0.01 0.00	27.58 -0.23 0.00	33.11 -1.42 0.00	36.69 -1.66 0.00	39.92 -2.23 0.00	39.82 -2.46 0.00	38.48 -2.77 0.00	39.62 -2.60 0.00	31.38 -1.57 0.00	30.78 -0.65 0.00
HARZA MOOSE___RIVER 24016	41.89 0.21 0.00	34.60 0.18 0.00	25.68 0.05 0.00	34.43 0.17 0.00	31.51 0.37 0.00	32.61 0.52 0.00	37.90 0.71 0.00	42.37 0.92 0.00	39.11 0.64 0.00	38.43 0.54 0.00	34.16 0.39 0.00	32.14 0.14 0.00	30.72 0.15 0.00	32.41 -0.01 0.00	30.81 0.09 0.00	27.97 0.16 0.00	35.05 0.51 0.00	39.43 1.09 0.00	43.64 1.49 0.00	43.81 1.53 0.00	42.66 1.42 0.00	43.59 1.37 0.00	33.88 0.93 0.00	32.03 0.60 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	41.27 -0.41 0.00	34.09 -0.31 0.00	25.37 -0.26 0.00	33.93 -0.34 0.00	30.79 -0.34 0.00	31.75 -0.34 0.00	36.69 -0.50 0.00	40.81 -0.64 0.00	37.84 -0.62 0.00	37.27 -0.62 0.00	33.27 -0.50 0.00	31.54 -0.45 0.00	30.15 -0.43 0.00	31.94 -0.48 0.00	30.30 -0.42 0.00	27.44 -0.37 0.00	34.03 -0.50 0.00	37.83 -0.51 0.00	41.51 -0.64 0.00	41.62 -0.66 0.00	40.53 -0.71 0.00	41.50 -0.72 0.00	32.44 -0.50 0.00	30.99 -0.44 0.00
HELLGATE_13_KV_LD 55870	43.30 1.62 0.00	35.67 1.26 0.00	26.63 1.00 0.00	35.47 1.21 0.00	32.26 1.12 0.00	33.40 1.31 0.00	38.79 1.61 0.00	43.01 1.56 0.00	40.29 1.82 0.00	39.71 1.82 0.00	35.50 1.73 0.00	33.73 1.73 0.00	32.22 1.64 0.00	34.18 1.76 0.00	32.29 1.57 0.00	29.19 1.38 0.00	36.05 1.51 0.00	39.72 1.38 0.00	43.63 1.48 0.00	43.80 1.52 0.00	42.72 1.47 0.00	43.78 1.56 0.00	34.46 1.51 0.00	32.85 1.42 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	43.30 1.62 0.00	35.67 1.26 0.00	26.63 1.00 0.00	35.47 1.21 0.00	32.26 1.12 0.00	33.40 1.31 0.00	38.79 1.61 0.00	43.01 1.56 0.00	40.29 1.82 0.00	39.71 1.82 0.00	35.50 1.73 0.00	33.73 1.73 0.00	32.22 1.64 0.00	34.18 1.76 0.00	32.29 1.57 0.00	29.19 1.38 0.00	36.05 1.51 0.00	39.72 1.38 0.00	43.63 1.48 0.00	43.80 1.52 0.00	42.72 1.47 0.00	43.78 1.56 0.00	34.46 1.51 0.00	32.85 1.42 0.00
HEMPSTEAD____ 23647	42.97 1.29 0.00	35.45 1.04 0.00	26.40 0.78 0.00	35.25 0.98 0.00	32.06 0.93 0.00	33.00 0.91 0.00	38.22 1.03 0.00	42.43 0.98 0.00	39.74 1.27 0.00	39.25 1.36 0.00	35.16 1.39 0.00	33.37 1.38 0.00	31.67 1.09 0.00	33.77 1.35 0.00	31.85 1.13 0.00	28.66 0.85 0.00	35.50 0.97 0.00	39.21 0.87 0.00	43.10 0.94 0.00	43.21 0.93 0.00	42.28 1.03 0.00	43.35 1.13 0.00	34.02 1.08 0.00	32.43 1.00 0.00
HICKLING___1 23621	40.97 -0.71 0.00	34.01 -0.40 0.00	25.28 -0.35 0.00	33.93 -0.33 0.00	30.65 -0.49 0.00	31.65 -0.44 0.00	36.76 -0.42 0.00	40.90 -0.55 0.00	37.90 -0.57 0.00	37.69 -0.20 0.00	33.71 -0.06 0.00	32.03 0.03 0.00	30.55 -0.02 0.00	32.23 -0.19 0.00	30.66 -0.06 0.00	27.83 0.02 0.00	34.26 -0.28 0.00	38.28 -0.06 0.00	41.69 -0.46 0.00	41.64 -0.63 0.00	40.40 -0.85 0.00	41.48 -0.74 0.00	32.33 -0.62 0.00	31.17 -0.26 0.00
HICKLING___2 23622	40.97 -0.71 0.00	34.01 -0.40 0.00	25.28 -0.35 0.00	33.93 -0.33 0.00	30.65 -0.49 0.00	31.65 -0.44 0.00	36.76 -0.42 0.00	40.90 -0.55 0.00	37.90 -0.57 0.00	37.69 -0.20 0.00	33.71 -0.06 0.00	32.03 0.03 0.00	30.55 -0.02 0.00	32.23 -0.19 0.00	30.66 -0.06 0.00	27.83 0.02 0.00	34.26 -0.28 0.00	38.28 -0.06 0.00	41.69 -0.46 0.00	41.64 -0.63 0.00	40.40 -0.85 0.00	41.48 -0.74 0.00	32.33 -0.62 0.00	31.17 -0.26 0.00
HIGH FALLS___HY 23754	43.32 1.64 0.00	35.79 1.38 0.00	26.63 1.00 0.00	35.56 1.30 0.00	32.30 1.17 0.00	33.36 1.27 0.00	38.73 1.55 0.00	43.11 1.66 0.00	40.23 1.76 0.00	39.68 1.79 0.00	35.36 1.59 0.00	33.51 1.52 0.00	32.05 1.48 0.00	33.82 1.40 0.00	31.99 1.28 0.00	28.95 1.14 0.00	35.87 1.33 0.00	39.79 1.45 0.00	43.79 1.64 0.00	44.19 1.91 0.00	43.09 1.84 0.00	44.08 1.86 0.00	34.50 1.55 0.00	32.85 1.42 0.00
HIGH_RIVER___SOLAR 323847	42.56 0.88 0.00	35.14 0.73 0.00	26.14 0.51 0.00	34.96 0.70 0.00	31.76 0.63 0.00	32.81 0.72 0.00	38.06 0.87 0.00	42.40 0.95 0.00	38.73 0.27 0.00	37.66 -0.23 0.00	33.46 -0.31 0.00	31.67 -0.33 0.00	30.30 -0.27 0.00	32.11 -0.31 0.00	30.43 -0.28 0.00	27.61 -0.20 0.00	34.60 0.06 0.00	38.80 0.46 0.00	43.17 1.02 0.00	43.33 1.06 0.00	42.28 1.03 0.00	43.24 1.02 0.00	33.69 0.74 0.00	32.06 0.63 0.00
HILLBURN___GT 23639	42.81 1.13 0.00	35.38 0.96 0.00	26.34 0.72 0.00	35.19 0.93 0.00	31.99 0.86 0.00	33.02 0.93 0.00	38.32 1.13 0.00	42.63 1.17 0.00	39.76 1.29 0.00	39.24 1.35 0.00	35.04 1.27 0.00	33.24 1.24 0.00	31.78 1.21 0.00	33.71 1.29 0.00	31.84 1.12 0.00	28.79 0.98 0.00	35.69 1.16 0.00	39.47 1.13 0.00	43.43 1.28 0.00	43.58 1.31 0.00	42.48 1.23 0.00	43.49 1.27 0.00	34.09 1.15 0.00	32.50 1.08 0.00
HILLSIDE_115KV_TB1 80332	40.67 -1.01 0.00	33.74 -0.67 0.00	25.09 -0.54 0.00	33.66 -0.60 0.00	30.42 -0.72 0.00	31.40 -0.69 0.00	36.52 -0.66 0.00	40.62 -0.83 0.00	37.57 -0.90 0.00	37.36 -0.54 0.00	33.39 -0.38 0.00	31.71 -0.29 0.00	30.18 -0.40 0.00	31.82 -0.60 0.00	30.24 -0.48 0.00	27.41 -0.40 0.00	33.80 -0.74 0.00	37.82 -0.52 0.00	41.20 -0.95 0.00	41.24 -1.05 0.00	40.03 -1.22 0.00	41.10 -1.12 0.00	32.05 -0.89 0.00	30.89 -0.53 0.00

HISHELDN_WT_PWR 323625	40.41 -1.27 0.00	33.50 -0.91 0.00	24.77 -0.86 0.00	33.39 -0.88 0.00	30.25 -0.88 0.00	31.17 -0.92 0.00	35.72 -1.46 0.00	39.62 -1.84 0.00	37.02 -1.45 0.00	37.06 -0.83 0.00	33.53 -0.23 0.00	31.84 -0.16 0.00	30.50 -0.07 0.00	32.11 -0.31 0.00	30.62 -0.10 0.00	27.63 -0.17 0.00	33.52 -1.02 0.00	37.25 -1.10 0.00	40.42 -1.73 0.00	40.10 -2.18 0.00	38.78 -2.47 0.00	39.77 -2.45 0.00	31.37 -1.57 0.00	30.53 -0.90 0.00
HOLTSVILLE_IC_1 23690	43.08 1.40 0.00	35.60 1.19 0.00	26.54 0.91 0.00	35.44 1.18 0.00	32.25 1.12 0.00	33.15 1.06 0.00	38.38 1.19 0.00	42.50 1.04 0.00	39.87 1.40 0.00	39.37 1.48 0.00	35.31 1.54 0.00	33.56 1.57 0.00	31.63 1.06 0.00	33.89 1.47 0.00	31.83 1.12 0.00	28.58 0.77 0.00	35.48 0.95 0.00	39.28 0.94 0.00	43.06 0.91 0.00	43.18 0.88 -0.01	64.89 1.13 -22.52	125.87 1.11 -82.54	34.04 1.09 0.00	32.39 0.97 0.00
HOLTSVILLE_IC_10 23699	43.25 1.57 0.00	35.74 1.32 0.00	26.63 1.01 0.00	35.56 1.30 0.00	32.37 1.23 0.00	33.26 1.17 0.00	38.51 1.32 0.00	42.65 1.21 0.00	40.02 1.56 0.00	39.53 1.63 0.00	35.45 1.68 0.00	33.70 1.70 0.00	31.75 1.18 0.00	34.02 1.60 0.00	31.98 1.26 0.00	28.70 0.89 0.00	35.63 1.10 0.00	39.47 1.13 0.00	43.27 1.12 0.00	43.37 1.08 -0.01	64.22 1.33 -21.64	122.84 1.31 -79.31	34.19 1.24 0.00	32.52 1.10 0.00
HOLTSVILLE_IC_2 23691	43.08 1.40 0.00	35.60 1.19 0.00	26.54 0.91 0.00	35.44 1.18 0.00	32.25 1.12 0.00	33.15 1.06 0.00	38.38 1.19 0.00	42.50 1.04 0.00	39.87 1.40 0.00	39.37 1.48 0.00	35.31 1.54 0.00	33.56 1.57 0.00	31.63 1.06 0.00	33.89 1.47 0.00	31.83 1.12 0.00	28.58 0.77 0.00	35.48 0.95 0.00	39.28 0.94 0.00	43.06 0.91 0.00	43.18 0.88 -0.01	64.89 1.13 -22.52	125.87 1.11 -82.54	34.04 1.09 0.00	32.39 0.97 0.00
HOLTSVILLE_IC_3 23692	43.08 1.40 0.00	35.60 1.19 0.00	26.54 0.91 0.00	35.44 1.18 0.00	32.25 1.12 0.00	33.15 1.06 0.00	38.38 1.19 0.00	42.50 1.04 0.00	39.87 1.40 0.00	39.37 1.48 0.00	35.31 1.54 0.00	33.56 1.57 0.00	31.63 1.06 0.00	33.89 1.47 0.00	31.83 1.12 0.00	28.58 0.77 0.00	35.48 0.95 0.00	39.28 0.94 0.00	43.06 0.91 0.00	43.18 0.88 -0.01	64.89 1.13 -22.52	125.87 1.11 -82.54	34.04 1.09 0.00	32.39 0.97 0.00
HOLTSVILLE_IC_4 23693	43.08 1.40 0.00	35.60 1.19 0.00	26.54 0.91 0.00	35.44 1.18 0.00	32.25 1.12 0.00	33.15 1.06 0.00	38.38 1.19 0.00	42.50 1.04 0.00	39.87 1.40 0.00	39.37 1.48 0.00	35.31 1.54 0.00	33.56 1.57 0.00	31.63 1.06 0.00	33.89 1.47 0.00	31.83 1.12 0.00	28.58 0.77 0.00	35.48 0.95 0.00	39.28 0.94 0.00	43.06 0.91 0.00	43.18 0.88 -0.01	64.89 1.13 -22.52	125.87 1.11 -82.54	34.04 1.09 0.00	32.39 0.97 0.00
HOLTSVILLE_IC_5 23694	43.08 1.40 0.00	35.60 1.19 0.00	26.54 0.91 0.00	35.44 1.18 0.00	32.25 1.12 0.00	33.15 1.06 0.00	38.38 1.19 0.00	42.50 1.04 0.00	39.87 1.40 0.00	39.37 1.48 0.00	35.31 1.54 0.00	33.56 1.57 0.00	31.63 1.06 0.00	33.89 1.47 0.00	31.83 1.12 0.00	28.58 0.77 0.00	35.48 0.95 0.00	39.28 0.94 0.00	43.06 0.91 0.00	43.18 0.88 -0.01	64.89 1.13 -22.52	125.87 1.11 -82.54	34.04 1.09 0.00	32.39 0.97 0.00
HOLTSVILLE_IC_6 23695	43.25 1.57 0.00	35.74 1.32 0.00	26.63 1.01 0.00	35.56 1.30 0.00	32.37 1.23 0.00	33.26 1.17 0.00	38.51 1.32 0.00	42.65 1.21 0.00	40.02 1.56 0.00	39.53 1.63 0.00	35.45 1.68 0.00	33.70 1.70 0.00	31.75 1.18 0.00	34.02 1.60 0.00	31.98 1.26 0.00	28.70 0.89 0.00	35.63 1.10 0.00	39.47 1.13 0.00	43.27 1.12 0.00	43.37 1.08 -0.01	64.22 1.33 -21.64	122.84 1.31 -79.31	34.19 1.24 0.00	32.52 1.10 0.00
HOLTSVILLE_IC_7 23696	43.25 1.57 0.00	35.74 1.32 0.00	26.63 1.01 0.00	35.56 1.30 0.00	32.37 1.23 0.00	33.26 1.17 0.00	38.51 1.32 0.00	42.65 1.21 0.00	40.02 1.56 0.00	39.53 1.63 0.00	35.45 1.68 0.00	33.70 1.70 0.00	31.75 1.18 0.00	34.02 1.60 0.00	31.98 1.26 0.00	28.70 0.89 0.00	35.63 1.10 0.00	39.47 1.13 0.00	43.27 1.12 0.00	43.37 1.08 -0.01	64.22 1.33 -21.64	122.84 1.31 -79.31	34.19 1.24 0.00	32.52 1.10 0.00
HOLTSVILLE_IC_8 23697	43.25 1.57 0.00	35.74 1.32 0.00	26.63 1.01 0.00	35.56 1.30 0.00	32.37 1.23 0.00	33.26 1.17 0.00	38.51 1.32 0.00	42.65 1.21 0.00	40.02 1.56 0.00	39.53 1.63 0.00	35.45 1.68 0.00	33.70 1.70 0.00	31.75 1.18 0.00	34.02 1.60 0.00	31.98 1.26 0.00	28.70 0.89 0.00	35.63 1.10 0.00	39.47 1.13 0.00	43.27 1.12 0.00	43.37 1.08 -0.01	64.22 1.33 -21.64	122.84 1.31 -79.31	34.19 1.24 0.00	32.52 1.10 0.00
HOLTSVILLE_IC_9 23698	43.25 1.57 0.00	35.74 1.32 0.00	26.63 1.01 0.00	35.56 1.30 0.00	32.37 1.23 0.00	33.26 1.17 0.00	38.51 1.32 0.00	42.65 1.21 0.00	40.02 1.56 0.00	39.53 1.63 0.00	35.45 1.68 0.00	33.70 1.70 0.00	31.75 1.18 0.00	34.02 1.60 0.00	31.98 1.26 0.00	28.70 0.89 0.00	35.63 1.10 0.00	39.47 1.13 0.00	43.27 1.12 0.00	43.37 1.08 -0.01	64.22 1.33 -21.64	122.84 1.31 -79.31	34.19 1.24 0.00	32.52 1.10 0.00
HOMER_HL_115KV_TB2 355744	40.72 -0.96 0.00	33.96 -0.45 0.00	25.21 -0.42 0.00	34.03 -0.24 0.00	30.76 -0.38 0.00	31.64 -0.45 0.00	36.42 -0.77 0.00	40.61 -0.85 0.00	37.82 -0.64 0.00	37.88 -0.01 0.00	34.18 0.41 0.00	32.39 0.39 0.00	30.74 0.16 0.00	32.13 -0.29 0.00	30.66 -0.06 0.00	27.57 -0.24 0.00	33.49 -1.04 0.00	37.28 -1.06 0.00	40.68 -1.48 0.00	40.50 -1.77 0.00	39.14 -2.11 0.00	40.23 -2.00 0.00	31.58 -1.37 0.00	30.90 -0.52 0.00
HOWARD_WT_PWR 323690	39.31 -2.37 0.00	32.79 -1.62 0.00	24.41 -1.22 0.00	32.66 -1.60 0.00	29.45 -1.68 0.00	30.37 -1.72 0.00	35.16 -2.02 0.00	39.32 -2.13 0.00	37.16 -1.31 0.00	37.19 -0.70 0.00	33.58 -0.18 0.00	31.80 -0.20 0.00	30.47 -0.11 0.00	32.21 -0.21 0.00	30.78 0.06 0.00	27.94 0.13 0.00	34.15 -0.39 0.00	38.03 -0.31 0.00	41.25 -0.90 0.00	40.73 -1.55 0.00	39.84 -1.41 0.00	40.84 -1.38 0.00	31.48 -1.47 0.00	30.32 -1.10 0.00
HQ_GEN_CEDARS 23644	42.29 0.61 0.00	34.90 0.49 0.00	25.94 0.32 0.00	34.77 0.50 0.00	31.55 0.42 0.00	32.21 0.12 0.00	37.74 0.55 0.00	42.22 0.77 0.00	39.19 0.72 0.00	38.65 0.75 0.00	34.50 0.73 0.00	32.68 0.68 0.00	31.22 0.65 0.00	33.12 0.70 0.00	31.36 0.64 0.00	28.36 0.55 0.00	35.08 0.55 0.00	39.01 0.66 0.00	43.09 0.94 0.00	43.25 0.97 0.00	42.11 0.86 0.00	43.09 0.87 0.00	33.52 0.57 0.00	31.95 0.53 0.00
HQ_GEN_CEDARS_PROXY 323590	42.29 0.61 0.00	34.90 0.49 0.00	25.94 0.32 0.00	34.77 0.50 0.00	31.55 0.42 0.00	30.90 0.12 1.31	37.74 0.55 0.00	42.22 0.77 0.00	39.19 0.73 0.00	38.65 0.75 0.00	34.50 0.72 0.00	32.68 0.68 0.00	31.22 0.65 0.00	33.12 0.70 0.00	31.36 0.64 0.00	27.64 0.55 0.72	32.07 0.55 3.02	39.01 0.66 0.00	43.09 0.94 0.00	43.25 0.97 0.00	42.11 0.86 0.00	43.09 0.87 0.00	33.52 0.57 0.00	31.96 0.53 0.00

HQ_GEN_IMPORT 323601	41.91 0.23 0.00	34.78 0.18 -0.18	25.75 0.12 0.00	34.47 0.21 0.00	31.33 0.20 0.00	32.23 0.14 0.00	37.42 0.24 0.00	42.76 0.33 -0.98	37.93 0.32 0.86	36.86 0.38 1.41	34.14 0.37 0.00	32.35 0.35 0.00	30.89 0.31 0.00	32.78 0.36 0.00	31.03 0.32 0.00	28.07 0.26 0.00	34.78 0.24 0.00	38.61 0.27 0.00	42.53 0.38 0.00	42.66 0.38 0.00	41.59 0.34 0.00	42.77 0.35 -0.20	33.06 0.22 0.11	31.65 0.22 0.00
HQ_GEN_WHEEL 23651	41.91 0.23 0.00	34.78 0.18 -0.18	25.75 0.12 0.00	34.47 0.21 0.00	31.33 0.20 0.00	32.23 0.14 0.00	37.42 0.24 0.00	42.76 0.33 -0.98	37.93 0.32 0.86	36.86 0.38 1.41	34.14 0.37 0.00	32.35 0.35 0.00	30.89 0.31 0.00	32.78 0.36 0.00	31.03 0.32 0.00	28.07 0.26 0.00	34.78 0.24 0.00	38.61 0.27 0.00	42.53 0.38 0.00	42.66 0.38 0.00	41.59 0.34 0.00	42.77 0.35 -0.20	33.06 0.22 0.11	31.65 0.22 0.00
HUDSON AVE_GT_3 23810	43.20 1.52 0.00	35.65 1.24 0.00	26.58 0.96 0.00	35.44 1.18 0.00	32.23 1.09 0.00	33.29 1.21 0.00	38.64 1.45 0.00	42.89 1.44 0.00	40.12 1.65 0.00	39.56 1.67 0.00	35.32 1.55 0.00	33.55 1.55 0.00	32.05 1.48 0.00	34.02 1.60 0.00	32.14 1.42 0.00	29.05 1.24 0.00	35.94 1.40 0.00	39.65 1.31 0.00	43.58 1.42 0.00	43.72 1.43 0.00	42.64 1.39 0.00	43.69 1.47 0.00	34.32 1.37 0.00	32.72 1.29 0.00
HUDSON AVE_GT_4 23540	43.20 1.52 0.00	35.65 1.24 0.00	26.58 0.96 0.00	35.44 1.18 0.00	32.23 1.09 0.00	33.29 1.21 0.00	38.64 1.45 0.00	42.89 1.44 0.00	40.12 1.65 0.00	39.56 1.67 0.00	35.32 1.55 0.00	33.55 1.55 0.00	32.05 1.48 0.00	34.02 1.60 0.00	32.14 1.42 0.00	29.05 1.24 0.00	35.94 1.40 0.00	39.65 1.31 0.00	43.58 1.42 0.00	43.72 1.43 0.00	42.64 1.39 0.00	43.69 1.47 0.00	34.32 1.37 0.00	32.72 1.29 0.00
HUDSON AVE_GT_5 23657	43.20 1.52 0.00	35.65 1.24 0.00	26.58 0.96 0.00	35.44 1.18 0.00	32.23 1.09 0.00	33.29 1.21 0.00	38.64 1.45 0.00	42.89 1.44 0.00	40.12 1.65 0.00	39.56 1.67 0.00	35.32 1.55 0.00	33.55 1.55 0.00	32.05 1.48 0.00	34.02 1.60 0.00	32.14 1.42 0.00	29.05 1.24 0.00	35.94 1.40 0.00	39.65 1.31 0.00	43.58 1.42 0.00	43.72 1.43 0.00	42.64 1.39 0.00	43.69 1.47 0.00	34.32 1.37 0.00	32.72 1.29 0.00
HUDSON_AVE_10 24168	43.01 1.33 0.00	35.47 1.06 0.00	26.46 0.83 0.00	35.27 1.01 0.00	32.07 0.94 0.00	33.15 1.06 0.00	38.48 1.29 0.00	42.72 1.27 0.00	39.96 1.50 0.00	39.40 1.51 0.00	35.17 1.40 0.00	33.40 1.40 0.00	31.91 1.33 0.00	33.87 1.44 0.00	31.99 1.27 0.00	28.92 1.11 0.00	35.77 1.23 0.00	39.44 1.09 0.00	43.35 1.19 0.00	43.49 1.21 0.00	42.42 1.17 0.00	43.48 1.26 0.00	34.16 1.21 0.00	32.55 1.13 0.00
HUDSON___115KV_TB 4 355613	42.55 0.87 0.00	35.07 0.66 0.00	26.22 0.59 0.00	34.89 0.63 0.00	31.74 0.60 0.00	32.82 0.73 0.00	38.10 0.92 0.00	42.61 1.16 0.00	39.41 0.94 0.00	38.35 0.46 0.00	33.91 0.14 0.00	32.05 0.05 0.00	30.67 0.09 0.00	32.51 0.08 0.00	30.94 0.22 0.00	28.18 0.37 0.00	35.33 0.80 0.00	39.23 0.89 0.00	43.22 1.07 0.00	43.33 1.05 0.00	42.35 1.10 0.00	43.31 1.09 0.00	33.82 0.87 0.00	32.18 0.75 0.00
HUNTER MOUNT___DRP 323613	42.67 0.99 0.00	35.13 0.72 0.00	26.27 0.64 0.00	34.95 0.68 0.00	31.80 0.67 0.00	32.90 0.81 0.00	38.20 1.02 0.00	42.76 1.31 0.00	39.54 1.07 0.00	38.41 0.52 0.00	33.93 0.16 0.00	32.05 0.05 0.00	30.64 0.07 0.00	32.46 0.04 0.00	30.94 0.23 0.00	28.20 0.39 0.00	35.41 0.88 0.00	39.38 1.04 0.00	43.39 1.24 0.00	43.49 1.21 0.00	42.51 1.26 0.00	43.46 1.24 0.00	33.90 0.95 0.00	32.24 0.81 0.00
HUNTINGTON_RES_REC 323705	42.95 1.27 0.00	35.46 1.05 0.00	26.43 0.80 0.00	35.26 1.00 0.00	32.09 0.96 0.00	32.97 0.88 0.00	38.15 0.96 0.00	42.23 0.78 0.00	39.63 1.16 0.00	39.15 1.26 0.00	35.13 1.36 0.00	33.41 1.42 0.00	31.48 0.90 0.00	33.70 1.27 0.00	31.69 0.98 0.00	28.43 0.62 0.00	35.28 0.74 0.00	39.05 0.70 0.00	42.84 0.68 0.00	42.93 0.65 0.00	32.58 0.89 9.56	8.07 0.88 35.03	33.85 0.91 0.00	32.27 0.84 0.00
HUNTLEY___63 23557	41.35 -0.34 0.00	34.25 -0.17 0.00	25.30 -0.33 0.00	34.13 -0.14 0.00	30.84 -0.29 0.00	31.63 -0.46 0.00	35.97 -1.22 0.00	39.82 -1.64 0.00	37.24 -1.22 0.00	37.33 -0.57 0.00	33.98 0.21 0.00	32.24 0.24 0.00	30.87 0.30 0.00	32.48 0.06 0.00	30.97 0.26 0.00	27.78 -0.03 0.00	33.34 -1.20 0.00	36.93 -1.42 0.00	40.18 -1.97 0.00	40.07 -2.21 0.00	38.72 -2.53 0.00	39.86 -2.36 0.00	31.59 -1.36 0.00	30.96 -0.46 0.00
HUNTLEY___64 23558	41.35 -0.34 0.00	34.25 -0.17 0.00	25.30 -0.33 0.00	34.13 -0.14 0.00	30.84 -0.29 0.00	31.63 -0.46 0.00	35.97 -1.22 0.00	39.82 -1.64 0.00	37.24 -1.22 0.00	37.33 -0.57 0.00	33.98 0.21 0.00	32.24 0.24 0.00	30.87 0.30 0.00	32.48 0.06 0.00	30.97 0.26 0.00	27.78 -0.03 0.00	33.34 -1.20 0.00	36.93 -1.42 0.00	40.18 -1.97 0.00	40.07 -2.21 0.00	38.72 -2.53 0.00	39.86 -2.36 0.00	31.59 -1.36 0.00	30.96 -0.46 0.00
HUNTLEY___65 23559	41.35 -0.34 0.00	34.25 -0.17 0.00	25.30 -0.33 0.00	34.13 -0.14 0.00	30.84 -0.29 0.00	31.63 -0.46 0.00	35.97 -1.22 0.00	39.82 -1.64 0.00	37.24 -1.22 0.00	37.33 -0.57 0.00	33.98 0.21 0.00	32.24 0.24 0.00	30.87 0.30 0.00	32.48 0.06 0.00	30.97 0.26 0.00	27.78 -0.03 0.00	33.34 -1.20 0.00	36.93 -1.42 0.00	40.18 -1.97 0.00	40.07 -2.21 0.00	38.72 -2.53 0.00	39.86 -2.36 0.00	31.59 -1.36 0.00	30.96 -0.46 0.00
HUNTLEY___66 23560	41.35 -0.34 0.00	34.25 -0.17 0.00	25.30 -0.33 0.00	34.13 -0.14 0.00	30.84 -0.29 0.00	31.63 -0.46 0.00	35.97 -1.22 0.00	39.82 -1.64 0.00	37.24 -1.22 0.00	37.33 -0.57 0.00	33.98 0.21 0.00	32.24 0.24 0.00	30.87 0.30 0.00	32.48 0.06 0.00	30.97 0.26 0.00	27.78 -0.03 0.00	33.34 -1.20 0.00	36.93 -1.42 0.00	40.18 -1.97 0.00	40.07 -2.21 0.00	38.72 -2.53 0.00	39.86 -2.36 0.00	31.59 -1.36 0.00	30.96 -0.46 0.00
HUNTLEY___67 23561	40.99 -0.69 0.00	33.97 -0.44 0.00	25.11 -0.52 0.00	33.88 -0.39 0.00	30.61 -0.52 0.00	31.42 -0.67 0.00	35.80 -1.39 0.00	39.67 -1.78 0.00	37.08 -1.38 0.00	37.16 -0.73 0.00	33.76 -0.01 0.00	32.04 0.04 0.00	30.68 0.10 0.00	32.26 -0.16 0.00	30.75 0.04 0.00	27.60 -0.21 0.00	33.20 -1.33 0.00	36.82 -1.52 0.00	40.07 -2.08 0.00	39.95 -2.33 0.00	38.60 -2.65 0.00	39.69 -2.53 0.00	31.39 -1.55 0.00	30.75 -0.68 0.00
HUNTLEY___68 23562	40.99 -0.69 0.00	33.97 -0.44 0.00	25.11 -0.52 0.00	33.88 -0.39 0.00	30.61 -0.52 0.00	31.42 -0.67 0.00	35.80 -1.39 0.00	39.67 -1.78 0.00	37.08 -1.38 0.00	37.16 -0.73 0.00	33.76 -0.01 0.00	32.04 0.04 0.00	30.68 0.10 0.00	32.26 -0.16 0.00	30.75 0.04 0.00	27.60 -0.21 0.00	33.20 -1.33 0.00	36.82 -1.52 0.00	40.07 -2.08 0.00	39.95 -2.33 0.00	38.60 -2.65 0.00	39.69 -2.53 0.00	31.39 -1.55 0.00	30.75 -0.68 0.00

HYLAND___LFGE 323620	42.68 1.00 0.00	35.35 0.94 0.00	26.21 0.58 0.00	35.19 0.92 0.00	31.85 0.72 0.00	32.86 0.77 0.00	37.99 0.80 0.00	42.36 0.91 0.00	39.64 1.18 0.00	39.47 1.58 0.00	35.42 1.65 0.00	33.41 1.41 0.00	31.93 1.36 0.00	33.81 1.39 0.00	32.09 1.38 0.00	28.91 1.10 0.00	35.70 1.16 0.00	39.88 1.53 0.00	43.66 1.51 0.00	43.55 1.27 0.00	42.20 0.95 0.00	43.15 0.93 0.00	33.63 0.68 0.00	32.33 0.90 0.00
INDECK___CORINTH 23802	42.81 1.13 0.00	35.24 0.83 0.00	26.35 0.72 0.00	35.15 0.88 0.00	31.96 0.82 0.00	33.01 0.92 0.00	38.30 1.12 0.00	42.80 1.35 0.00	39.43 0.97 0.00	38.38 0.49 0.00	33.85 0.08 0.00	32.00 0.00 0.00	30.57 -0.01 0.00	32.44 0.02 0.00	30.84 0.12 0.00	27.98 0.17 0.00	35.35 0.81 0.00	39.40 1.06 0.00	43.45 1.30 0.00	43.64 1.36 0.00	42.68 1.43 0.00	43.56 1.34 0.00	33.93 0.98 0.00	32.27 0.84 0.00
INDECK___ILION 23567	42.68 0.99 0.00	35.20 0.78 0.00	26.24 0.62 0.00	35.05 0.79 0.00	31.84 0.71 0.00	32.89 0.80 0.00	38.16 0.97 0.00	42.55 1.10 0.00	39.19 0.73 0.00	38.27 0.37 0.00	33.88 0.11 0.00	32.09 0.09 0.00	30.63 0.05 0.00	32.46 0.04 0.00	30.79 0.07 0.00	28.02 0.21 0.00	35.09 0.55 0.00	39.10 0.76 0.00	43.11 0.96 0.00	43.12 0.85 0.00	42.16 0.91 0.00	43.19 0.98 0.00	33.67 0.73 0.00	32.07 0.65 0.00
INDECK___OLEAN 23982	40.72 -0.96 0.00	33.96 -0.45 0.00	25.21 -0.42 0.00	34.03 -0.23 0.00	30.77 -0.36 0.00	31.65 -0.44 0.00	36.42 -0.77 0.00	40.61 -0.84 0.00	37.81 -0.66 0.00	37.89 -0.01 0.00	34.18 0.41 0.00	32.39 0.39 0.00	30.74 0.16 0.00	32.13 -0.29 0.00	30.66 -0.06 0.00	27.57 -0.24 0.00	33.50 -1.04 0.00	37.28 -1.06 0.00	40.68 -1.48 0.00	40.50 -1.78 0.00	39.15 -2.10 0.00	40.23 -2.00 0.00	31.58 -1.37 0.00	30.90 -0.52 0.00
INDECK___OSWEGO 23783	40.84 -0.84 0.00	33.74 -0.67 0.00	25.11 -0.52 0.00	33.58 -0.68 0.00	30.51 -0.63 0.00	31.45 -0.64 0.00	36.33 -0.85 0.00	40.42 -1.04 0.00	37.48 -0.99 0.00	36.91 -0.98 0.00	32.93 -0.84 0.00	31.17 -0.83 0.00	29.81 -0.77 0.00	31.57 -0.86 0.00	29.94 -0.78 0.00	27.11 -0.70 0.00	33.68 -0.85 0.00	37.50 -0.85 0.00	41.20 -0.95 0.00	41.31 -0.97 0.00	40.27 -0.98 0.00	41.22 -1.00 0.00	32.17 -0.78 0.00	30.68 -0.75 0.00
INDECK___YERKES 23781	41.38 -0.30 0.00	34.28 -0.13 0.00	25.33 -0.30 0.00	34.16 -0.10 0.00	30.87 -0.26 0.00	31.68 -0.41 0.00	35.99 -1.19 0.00	39.84 -1.61 0.00	37.25 -1.22 0.00	37.35 -0.54 0.00	34.01 0.24 0.00	32.27 0.27 0.00	30.90 0.32 0.00	32.51 0.09 0.00	31.00 0.28 0.00	27.80 -0.01 0.00	33.36 -1.18 0.00	36.96 -1.38 0.00	40.21 -1.94 0.00	40.09 -2.19 0.00	38.75 -2.50 0.00	39.89 -2.33 0.00	31.61 -1.34 0.00	30.98 -0.44 0.00
INDIAN POINT_GT_1 24139	42.83 1.15 0.00	35.37 0.96 0.00	26.35 0.73 0.00	35.19 0.92 0.00	31.98 0.85 0.00	33.01 0.93 0.00	38.30 1.11 0.00	42.60 1.14 0.00	39.74 1.27 0.00	39.19 1.30 0.00	34.97 1.20 0.00	33.20 1.20 0.00	31.72 1.15 0.00	33.66 1.23 0.00	31.80 1.09 0.00	28.76 0.95 0.00	35.65 1.12 0.00	39.41 1.07 0.00	43.34 1.19 0.00	43.48 1.21 0.00	42.43 1.18 0.00	43.45 1.23 0.00	34.08 1.13 0.00	32.48 1.05 0.00
INDIAN POINT_GT_2 23659	42.83 1.15 0.00	35.37 0.96 0.00	26.35 0.73 0.00	35.19 0.92 0.00	31.98 0.85 0.00	33.01 0.93 0.00	38.30 1.11 0.00	42.60 1.14 0.00	39.74 1.27 0.00	39.19 1.30 0.00	34.97 1.20 0.00	33.20 1.20 0.00	31.72 1.15 0.00	33.66 1.23 0.00	31.80 1.09 0.00	28.76 0.95 0.00	35.65 1.12 0.00	39.41 1.07 0.00	43.34 1.19 0.00	43.48 1.21 0.00	42.43 1.18 0.00	43.45 1.23 0.00	34.08 1.13 0.00	32.48 1.05 0.00
INDIAN POINT_GT_3 24019	42.83 1.15 0.00	35.37 0.96 0.00	26.35 0.73 0.00	35.19 0.92 0.00	31.98 0.85 0.00	33.01 0.93 0.00	38.30 1.11 0.00	42.60 1.14 0.00	39.74 1.27 0.00	39.19 1.30 0.00	34.97 1.20 0.00	33.20 1.20 0.00	31.72 1.15 0.00	33.66 1.23 0.00	31.80 1.09 0.00	28.76 0.95 0.00	35.65 1.12 0.00	39.41 1.07 0.00	43.34 1.19 0.00	43.48 1.21 0.00	42.43 1.18 0.00	43.45 1.23 0.00	34.08 1.13 0.00	32.48 1.05 0.00
INDIAN POINT___2 23530	42.80 1.12 0.00	35.37 0.95 0.00	26.34 0.72 0.00	35.18 0.92 0.00	31.97 0.84 0.00	33.01 0.92 0.00	38.29 1.10 0.00	42.58 1.13 0.00	39.73 1.26 0.00	39.19 1.30 0.00	34.97 1.20 0.00	33.20 1.20 0.00	31.72 1.15 0.00	33.66 1.23 0.00	31.79 1.07 0.00	28.75 0.94 0.00	35.64 1.11 0.00	39.39 1.05 0.00	43.33 1.18 0.00	43.48 1.20 0.00	42.40 1.15 0.00	43.41 1.19 0.00	34.06 1.11 0.00	32.47 1.04 0.00
INDIAN POINT___3 23531	42.82 1.13 0.00	35.37 0.95 0.00	26.35 0.73 0.00	35.19 0.92 0.00	31.98 0.85 0.00	33.01 0.93 0.00	38.30 1.11 0.00	42.60 1.15 0.00	39.73 1.26 0.00	39.19 1.30 0.00	34.95 1.18 0.00	33.19 1.19 0.00	31.71 1.13 0.00	33.65 1.23 0.00	31.78 1.07 0.00	28.75 0.94 0.00	35.65 1.11 0.00	39.40 1.06 0.00	43.33 1.18 0.00	43.48 1.21 0.00	42.42 1.17 0.00	43.44 1.22 0.00	34.06 1.11 0.00	32.47 1.04 0.00
INGHAM_C_115KV_TB7 356103	44.04 2.36 0.00	36.27 1.86 0.00	27.08 1.46 0.00	36.13 1.86 0.00	32.82 1.68 0.00	33.93 1.84 0.00	39.43 2.24 0.00	44.01 2.56 0.00	40.12 1.65 0.00	38.72 0.83 0.00	34.01 0.24 0.00	32.18 0.18 0.00	30.66 0.09 0.00	32.49 0.06 0.00	30.86 0.15 0.00	28.28 0.47 0.00	35.74 1.21 0.00	40.05 1.71 0.00	44.36 2.21 0.00	44.29 2.01 0.00	43.37 2.12 0.00	44.49 2.27 0.00	34.67 1.73 0.00	32.99 1.57 0.00
IP CORINTH___1 23988	43.06 1.38 0.00	35.43 1.02 0.00	26.49 0.86 0.00	35.34 1.07 0.00	32.12 0.99 0.00	33.18 1.09 0.00	38.52 1.33 0.00	43.04 1.59 0.00	39.66 1.19 0.00	38.58 0.69 0.00	34.03 0.26 0.00	32.17 0.17 0.00	30.72 0.15 0.00	32.61 0.19 0.00	31.00 0.28 0.00	28.15 0.34 0.00	35.54 1.00 0.00	39.62 1.28 0.00	43.70 1.55 0.00	43.87 1.59 0.00	42.92 1.67 0.00	43.80 1.58 0.00	34.12 1.18 0.00	32.44 1.02 0.00
IP___TICONDEROGA 23804	45.41 3.73 0.00	37.03 2.62 0.00	27.78 2.15 0.00	37.10 2.83 0.00	33.70 2.57 0.00	34.93 2.85 0.00	40.77 3.59 0.00	45.71 4.26 0.00	41.72 3.25 0.00	39.95 2.05 0.00	35.04 1.27 0.00	33.28 1.28 0.00	31.74 1.16 0.00	33.70 1.28 0.00	32.30 1.59 0.00	29.42 1.61 0.00	37.46 2.92 0.00	41.68 3.34 0.00	46.18 4.03 0.00	46.48 4.20 0.00	45.66 4.41 0.00	46.53 4.30 0.00	36.09 3.15 0.00	34.11 2.69 0.00
ISLIP_RES_REC 323679	43.37 1.69 0.00	35.82 1.41 0.00	26.70 1.07 0.00	35.65 1.38 0.00	32.44 1.31 0.00	33.34 1.26 0.00	38.62 1.43 0.00	42.79 1.33 0.00	40.17 1.70 0.00	39.65 1.76 0.00	35.55 1.78 0.00	33.80 1.80 0.00	31.84 1.27 0.00	34.10 1.68 0.00	32.08 1.37 0.00	28.79 0.98 0.00	35.76 1.22 0.00	39.62 1.28 0.00	43.44 1.29 0.00	43.54 1.25 -0.01	62.00 1.49 -19.26	114.27 1.45 -70.60	34.30 1.36 0.00	32.62 1.20 0.00

JAMAICA__27_KV_LOAD 355505	43.10 1.42 0.00	35.52 1.11 0.00	26.51 0.89 0.00	35.33 1.07 0.00	32.11 0.98 0.00	33.24 1.15 0.00	38.63 1.45 0.00	42.90 1.45 0.00	40.13 1.67 0.00	39.58 1.69 0.00	35.31 1.55 0.00	33.49 1.49 0.00	32.01 1.43 0.00	33.97 1.55 0.00	32.07 1.35 0.00	29.01 1.20 0.00	35.84 1.30 0.00	39.47 1.13 0.00	43.41 1.26 0.00	43.55 1.27 0.00	42.46 1.21 0.00	43.60 1.37 0.00	34.23 1.28 0.00	32.59 1.17 0.00
JANIS__SOLAR 323808	42.56 0.88 0.00	35.25 0.84 0.00	26.16 0.53 0.00	35.03 0.76 0.00	31.76 0.63 0.00	32.85 0.77 0.00	38.12 0.93 0.00	42.51 1.05 0.00	39.07 0.60 0.00	38.05 0.16 0.00	33.78 0.01 0.00	31.95 -0.04 0.00	30.54 -0.03 0.00	32.30 -0.12 0.00	30.72 0.01 0.00	28.04 0.22 0.00	35.18 0.64 0.00	39.59 1.25 0.00	43.72 1.57 0.00	43.85 1.57 0.00	42.50 1.25 0.00	43.40 1.18 0.00	33.71 0.77 0.00	32.08 0.65 0.00
JARVIS____ 23743	41.71 0.03 0.00	34.44 0.02 0.00	25.65 0.03 0.00	34.29 0.02 0.00	31.15 0.02 0.00	32.14 0.05 0.00	37.26 0.07 0.00	41.50 0.05 0.00	38.50 0.04 0.00	37.89 0.00 0.00	33.73 -0.04 0.00	31.94 -0.06 0.00	30.52 -0.05 0.00	32.36 -0.06 0.00	30.67 -0.04 0.00	27.79 -0.03 0.00	34.58 0.05 0.00	38.41 0.07 0.00	42.23 0.08 0.00	42.35 0.07 0.00	41.34 0.09 0.00	42.31 0.09 0.00	33.01 0.06 0.00	31.46 0.03 0.00
JENNISON____1 23625	41.99 0.31 0.00	34.94 0.53 0.00	25.95 0.33 0.00	34.70 0.43 0.00	31.43 0.30 0.00	32.56 0.47 0.00	37.85 0.67 0.00	42.11 0.66 0.00	39.03 0.56 0.00	38.41 0.51 0.00	34.27 0.50 0.00	32.45 0.46 0.00	31.00 0.42 0.00	32.58 0.15 0.00	30.90 0.18 0.00	28.24 0.43 0.00	35.23 0.70 0.00	39.59 1.25 0.00	43.73 1.58 0.00	43.87 1.59 0.00	42.58 1.33 0.00	43.29 1.07 0.00	33.27 0.32 0.00	31.45 0.02 0.00
JENNISON____2 23626	41.99 0.31 0.00	34.94 0.53 0.00	25.95 0.33 0.00	34.70 0.43 0.00	31.43 0.30 0.00	32.56 0.47 0.00	37.85 0.67 0.00	42.11 0.66 0.00	39.03 0.56 0.00	38.41 0.51 0.00	34.27 0.50 0.00	32.45 0.46 0.00	31.00 0.42 0.00	32.58 0.15 0.00	30.90 0.18 0.00	28.24 0.43 0.00	35.23 0.70 0.00	39.59 1.25 0.00	43.73 1.58 0.00	43.87 1.59 0.00	42.58 1.33 0.00	43.29 1.07 0.00	33.27 0.32 0.00	31.45 0.02 0.00
JERICOHO_RISE_WT_PWR 323719	41.46 -0.22 0.00	34.13 -0.28 0.00	25.44 -0.19 0.00	34.19 -0.07 0.00	31.25 0.11 0.00	32.17 0.08 0.00	37.49 0.30 0.00	42.10 0.65 0.00	39.22 0.76 0.00	38.72 0.83 0.00	34.52 0.75 0.00	32.73 0.73 0.00	31.22 0.65 0.00	33.13 0.70 0.00	31.34 0.63 0.00	28.33 0.52 0.00	35.07 0.53 0.00	38.91 0.56 0.00	42.97 0.82 0.00	43.08 0.80 0.00	41.96 0.71 0.00	42.89 0.67 0.00	33.39 0.44 0.00	31.80 0.37 0.00
KATONAH__115KV_46KV_TB4 355592	43.08 1.40 0.00	35.55 1.14 0.00	26.50 0.87 0.00	35.35 1.08 0.00	32.13 1.00 0.00	33.18 1.09 0.00	38.51 1.32 0.00	42.85 1.39 0.00	39.98 1.51 0.00	39.39 1.50 0.00	35.12 1.35 0.00	33.34 1.35 0.00	31.86 1.28 0.00	33.82 1.40 0.00	31.97 1.25 0.00	28.91 1.10 0.00	35.86 1.33 0.00	39.65 1.30 0.00	43.56 1.41 0.00	43.73 1.45 0.00	42.67 1.42 0.00	43.69 1.47 0.00	34.24 1.29 0.00	32.62 1.19 0.00
KCE_NY_1 323755	43.15 1.47 0.00	35.50 1.09 0.00	26.52 0.90 0.00	35.43 1.17 0.00	32.15 1.02 0.00	33.24 1.15 0.00	38.58 1.39 0.00	43.06 1.61 0.00	39.77 1.31 0.00	38.85 0.96 0.00	34.33 0.56 0.00	32.46 0.47 0.00	31.03 0.45 0.00	32.93 0.50 0.00	31.27 0.56 0.00	28.39 0.58 0.00	35.71 1.18 0.00	39.73 1.39 0.00	43.73 1.58 0.00	43.87 1.59 0.00	42.91 1.66 0.00	43.84 1.62 0.00	34.19 1.25 0.00	32.55 1.12 0.00
KCE_NY_6_ESR 323823	41.15 -0.52 0.00	34.07 -0.34 0.00	25.20 -0.43 0.00	33.99 -0.28 0.00	30.73 -0.40 0.00	31.58 -0.51 0.00	36.08 -1.11 0.00	40.03 -1.42 0.00	37.37 -1.09 0.00	37.49 -0.40 0.00	34.01 0.24 0.00	32.27 0.27 0.00	30.89 0.31 0.00	32.47 0.05 0.00	30.96 0.25 0.00	27.83 0.02 0.00	33.55 -0.98 0.00	37.27 -1.07 0.00	40.53 -1.63 0.00	40.37 -1.91 0.00	39.00 -2.25 0.00	40.08 -2.15 0.00	31.66 -1.29 0.00	30.95 -0.47 0.00
KEDC_PORT_JEFF_GT2 24210	43.21 1.53 0.00	35.70 1.29 0.00	26.61 0.98 0.00	35.53 1.26 0.00	32.33 1.20 0.00	33.23 1.14 0.00	38.47 1.28 0.00	42.61 1.16 0.00	39.98 1.51 0.00	39.48 1.59 0.00	35.42 1.65 0.00	33.67 1.67 0.00	31.72 1.15 0.00	33.99 1.56 0.00	31.94 1.23 0.00	28.67 0.86 0.00	35.59 1.05 0.00	39.40 1.06 0.00	42.98 0.83 0.00	43.12 0.82 -0.01	66.55 1.28 -24.03	131.54 1.25 -88.06	34.15 1.20 0.00	32.49 1.07 0.00
KEDC_PORT_JEFF_GT3 24211	43.21 1.53 0.00	35.70 1.29 0.00	26.61 0.98 0.00	35.53 1.26 0.00	32.33 1.20 0.00	33.23 1.14 0.00	38.47 1.28 0.00	42.61 1.16 0.00	39.98 1.51 0.00	39.48 1.59 0.00	35.42 1.65 0.00	33.67 1.67 0.00	31.72 1.15 0.00	33.99 1.56 0.00	31.94 1.23 0.00	28.67 0.86 0.00	35.59 1.05 0.00	39.40 1.06 0.00	42.98 0.83 0.00	43.12 0.82 -0.01	66.55 1.28 -24.03	131.54 1.25 -88.06	34.15 1.20 0.00	32.49 1.07 0.00
KEDC_GLWD_GT4 24219	43.23 1.55 0.00	35.66 1.25 0.00	26.57 0.94 0.00	35.46 1.20 0.00	32.24 1.11 0.00	33.22 1.13 0.00	38.51 1.33 0.00	42.78 1.33 0.00	40.03 1.56 0.00	39.51 1.61 0.00	35.34 1.57 0.00	33.55 1.56 0.00	31.92 1.34 0.00	33.99 1.56 0.00	32.06 1.35 0.00	28.91 1.10 0.00	35.80 1.26 0.00	39.32 0.98 0.00	43.22 1.07 0.00	43.35 1.07 0.00	42.39 1.15 0.00	43.67 1.45 0.00	34.27 1.32 0.00	32.67 1.24 0.00
KEDC_GLWD_GT5 24220	43.23 1.55 0.00	35.66 1.25 0.00	26.57 0.94 0.00	35.46 1.20 0.00	32.24 1.11 0.00	33.22 1.13 0.00	38.51 1.33 0.00	42.78 1.33 0.00	40.03 1.56 0.00	39.51 1.61 0.00	35.34 1.57 0.00	33.55 1.56 0.00	31.92 1.34 0.00	33.99 1.56 0.00	32.06 1.35 0.00	28.91 1.10 0.00	35.80 1.26 0.00	39.32 0.98 0.00	43.22 1.07 0.00	43.35 1.07 0.00	42.39 1.15 0.00	43.67 1.45 0.00	34.27 1.32 0.00	32.67 1.24 0.00
KENSICO____ 23655	43.00 1.32 0.00	35.50 1.08 0.00	26.46 0.83 0.00	35.30 1.03 0.00	32.09 0.96 0.00	33.14 1.05 0.00	38.44 1.25 0.00	42.72 1.27 0.00	39.88 1.42 0.00	39.33 1.44 0.00	35.08 1.32 0.00	33.31 1.31 0.00	31.83 1.25 0.00	33.79 1.36 0.00	31.92 1.21 0.00	28.87 1.06 0.00	35.78 1.24 0.00	39.52 1.18 0.00	43.43 1.28 0.00	43.59 1.31 0.00	42.53 1.28 0.00	43.56 1.34 0.00	34.18 1.23 0.00	32.56 1.14 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	43.25 1.57 0.00	35.73 1.32 0.00	26.58 0.96 0.00	35.50 1.23 0.00	32.25 1.12 0.00	33.32 1.23 0.00	38.68 1.49 0.00	43.07 1.62 0.00	40.15 1.69 0.00	39.57 1.68 0.00	35.22 1.45 0.00	33.38 1.39 0.00	31.90 1.33 0.00	33.64 1.21 0.00	31.83 1.12 0.00	28.82 1.01 0.00	35.74 1.20 0.00	39.67 1.32 0.00	43.66 1.52 0.00	44.13 1.85 0.00	43.03 1.78 0.00	44.02 1.80 0.00	34.45 1.50 0.00	32.79 1.36 0.00

KIAC_JFK_GT1 23816	42.86 1.18 0.00	35.34 0.93 0.00	26.37 0.75 0.00	35.14 0.88 0.00	31.95 0.82 0.00	33.06 0.97 0.00	38.42 1.23 0.00	42.66 1.21 0.00	39.91 1.45 0.00	39.36 1.46 0.00	35.11 1.34 0.00	33.30 1.30 0.00	31.83 1.25 0.00	33.77 1.35 0.00	31.89 1.18 0.00	28.84 1.03 0.00	35.59 1.06 0.00	39.10 0.75 0.00	42.99 0.84 0.00	43.13 0.85 0.00	42.06 0.81 0.00	43.32 1.10 0.00	34.03 1.08 0.00	32.42 0.99 0.00
KIAC_JFK_GT2 23817	42.86 1.18 0.00	35.34 0.93 0.00	26.37 0.75 0.00	35.14 0.88 0.00	31.95 0.82 0.00	33.06 0.97 0.00	38.42 1.23 0.00	42.66 1.21 0.00	39.91 1.45 0.00	39.36 1.46 0.00	35.11 1.34 0.00	33.30 1.30 0.00	31.83 1.25 0.00	33.77 1.35 0.00	31.89 1.18 0.00	28.84 1.03 0.00	35.59 1.06 0.00	39.10 0.75 0.00	42.99 0.84 0.00	43.13 0.85 0.00	42.06 0.81 0.00	43.32 1.10 0.00	34.03 1.08 0.00	32.42 0.99 0.00
KIAC_JFK____ 323774	42.86 1.18 0.00	35.33 0.92 0.00	26.37 0.74 0.00	35.14 0.87 0.00	31.94 0.81 0.00	33.05 0.96 0.00	38.42 1.23 0.00	42.66 1.21 0.00	39.92 1.45 0.00	39.36 1.46 0.00	35.11 1.34 0.00	33.30 1.30 0.00	31.83 1.25 0.00	33.77 1.35 0.00	31.89 1.17 0.00	28.84 1.03 0.00	35.59 1.05 0.00	39.10 0.75 0.00	42.99 0.84 0.00	43.13 0.85 0.00	42.06 0.81 0.00	43.32 1.10 0.00	34.03 1.08 0.00	32.42 0.99 0.00
KINTIGH__24_KV_GSU 356498	41.20 -0.48 0.00	34.15 -0.26 0.00	25.27 -0.35 0.00	34.06 -0.21 0.00	30.81 -0.33 0.00	31.62 -0.47 0.00	36.06 -1.13 0.00	40.00 -1.45 0.00	37.33 -1.14 0.00	37.30 -0.59 0.00	33.80 0.04 0.00	32.07 0.07 0.00	30.70 0.12 0.00	32.30 -0.12 0.00	30.76 0.04 0.00	27.62 -0.19 0.00	33.34 -0.19 0.00	36.97 -1.37 0.00	40.29 -1.86 0.00	40.21 -2.07 0.00	38.91 -2.34 0.00	40.03 -2.19 0.00	31.62 -1.33 0.00	30.87 -0.56 0.00
KINTIGH____ 23543	41.17 -0.51 0.00	34.13 -0.29 0.00	25.25 -0.38 0.00	34.03 -0.24 0.00	30.77 -0.36 0.00	31.58 -0.51 0.00	36.04 -1.14 0.00	39.96 -1.49 0.00	37.32 -1.15 0.00	37.28 -0.62 0.00	33.78 0.01 0.00	32.05 0.05 0.00	30.68 0.11 0.00	32.28 -0.15 0.00	30.73 0.02 0.00	27.61 -0.20 0.00	33.33 -1.20 0.00	36.94 -1.41 0.00	40.27 -1.88 0.00	40.19 -2.09 0.00	38.89 -2.36 0.00	39.99 -2.22 0.00	31.60 -1.35 0.00	30.85 -0.58 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	41.82 0.14 0.00	34.34 -0.08 0.00	25.67 0.05 0.00	34.54 0.27 0.00	31.63 0.49 0.00	32.62 0.53 0.00	38.15 0.96 0.00	42.93 1.48 0.00	39.95 1.48 0.00	39.35 1.46 0.00	35.03 1.26 0.00	33.23 1.23 0.00	31.65 1.08 0.00	33.55 1.12 0.00	31.75 1.04 0.00	28.77 0.96 0.00	35.72 1.18 0.00	39.63 1.29 0.00	43.84 1.69 0.00	43.95 1.67 0.00	42.91 1.67 0.00	43.83 1.62 0.00	34.07 1.13 0.00	32.37 0.94 0.00
LACHUTE____HYDRO 323717	45.41 3.73 0.00	37.03 2.62 0.00	27.78 2.15 0.00	37.10 2.83 0.00	33.70 2.57 0.00	34.93 2.85 0.00	40.77 3.59 0.00	45.72 4.26 0.00	41.72 3.25 0.00	39.94 2.05 0.00	35.04 1.27 0.00	33.28 1.28 0.00	31.73 1.16 0.00	33.70 1.28 0.00	32.30 1.59 0.00	29.42 1.61 0.00	37.46 2.92 0.00	41.68 3.34 0.00	46.18 4.03 0.00	46.48 4.20 0.00	45.66 4.41 0.00	46.53 4.31 0.00	36.10 3.15 0.00	34.11 2.69 0.00
LAWRNCAY_115KV_TB1 80681	42.43 0.75 0.00	35.03 0.62 0.00	26.01 0.38 0.00	34.89 0.62 0.00	31.72 0.59 0.00	32.49 0.40 0.00	38.05 0.86 0.00	42.62 1.17 0.00	39.48 1.02 0.00	38.80 0.91 0.00	34.57 0.80 0.00	32.68 0.68 0.00	31.23 0.65 0.00	33.09 0.67 0.00	31.32 0.61 0.00	28.33 0.52 0.00	35.15 0.62 0.00	39.26 0.92 0.00	43.62 1.47 0.00	43.82 1.54 0.00	42.63 1.38 0.00	43.61 1.38 0.00	33.85 0.91 0.00	32.20 0.77 0.00
LEDERLE____ 23769	43.00 1.32 0.00	35.53 1.12 0.00	26.46 0.83 0.00	35.33 1.07 0.00	32.12 0.99 0.00	33.16 1.07 0.00	38.47 1.29 0.00	42.81 1.36 0.00	39.92 1.45 0.00	39.40 1.51 0.00	35.17 1.40 0.00	33.38 1.38 0.00	31.92 1.34 0.00	33.85 1.42 0.00	31.97 1.25 0.00	28.91 1.10 0.00	35.85 1.31 0.00	39.65 1.30 0.00	43.62 1.47 0.00	43.77 1.49 0.00	42.66 1.41 0.00	43.67 1.45 0.00	34.24 1.29 0.00	32.63 1.20 0.00
LIGHTHSE_115KV_TB6 355974	41.28 -0.40 0.00	34.12 -0.30 0.00	25.36 -0.27 0.00	33.98 -0.29 0.00	30.94 -0.19 0.00	31.91 -0.18 0.00	36.91 -0.27 0.00	41.16 -0.30 0.00	38.12 -0.34 0.00	37.51 -0.38 0.00	33.45 -0.32 0.00	31.49 -0.51 0.00	30.18 -0.39 0.00	31.86 -0.56 0.00	30.23 -0.49 0.00	27.38 -0.43 0.00	34.16 -0.38 0.00	38.26 -0.08 0.00	42.24 0.09 0.00	42.38 0.10 0.00	41.32 0.07 0.00	42.31 0.09 0.00	32.89 -0.06 0.00	31.24 -0.19 0.00
LINDEN COGEN____ 23786	42.90 1.22 0.00	35.40 0.99 0.00	26.39 0.76 0.00	35.18 0.92 0.00	31.99 0.86 0.00	33.05 0.96 0.00	38.34 1.15 0.00	42.58 1.13 0.00	39.81 1.35 0.00	39.27 1.38 0.00	35.08 1.31 0.00	33.32 1.32 0.00	31.85 1.28 0.00	33.80 1.38 0.00	31.92 1.20 0.00	28.87 1.06 0.00	35.69 1.16 0.00	39.39 1.04 0.00	43.30 1.15 0.00	43.45 1.17 0.00	42.36 1.11 0.00	43.39 1.17 0.00	34.09 1.15 0.00	32.51 1.08 0.00
LINDHRST_69_KV_BK1 356055	43.49 1.81 0.00	35.90 1.49 0.00	26.73 1.10 0.00	35.66 1.40 0.00	32.46 1.32 0.00	33.35 1.27 0.00	38.61 1.42 0.00	42.82 1.37 0.00	40.16 1.70 0.00	39.74 1.85 0.00	35.61 1.85 0.00	33.79 1.79 0.00	31.95 1.38 0.00	34.14 1.72 0.00	32.21 1.50 0.00	28.92 1.11 0.00	35.82 1.28 0.00	39.70 1.36 0.00	43.65 1.49 0.00	43.72 1.44 0.00	44.22 1.56 -1.41	48.94 1.56 -5.16	34.39 1.44 0.00	32.76 1.34 0.00
LIPA_MISC_IPP 23656	43.04 1.36 0.00	35.59 1.18 0.00	26.54 0.91 0.00	35.45 1.19 0.00	32.28 1.14 0.00	33.17 1.08 0.00	38.40 1.21 0.00	42.53 1.07 0.00	39.89 1.43 0.00	39.37 1.48 0.00	35.31 1.54 0.00	33.57 1.57 0.00	31.61 1.03 0.00	33.91 1.48 0.00	31.82 1.10 0.00	28.56 0.75 0.00	35.48 0.95 0.00	39.29 0.95 0.00	43.08 0.93 0.00	43.19 0.90 -0.01	64.83 1.13 -22.46	125.64 1.12 -82.31	34.04 1.09 0.00	32.36 0.93 0.00
LISF____SOLAR 323691	43.11 1.43 0.00	35.66 1.24 0.00	26.59 0.96 0.00	35.52 1.25 0.00	32.33 1.20 0.00	33.23 1.14 0.00	38.48 1.30 0.00	42.61 1.16 0.00	39.98 1.52 0.00	39.44 1.55 0.00	35.37 1.60 0.00	33.62 1.63 0.00	31.65 1.07 0.00	33.95 1.52 0.00	31.86 1.14 0.00	28.61 0.80 0.00	35.56 1.03 0.00	39.39 1.04 0.00	43.19 1.04 0.00	43.30 1.01 -0.01	64.78 1.24 -22.29	125.15 1.23 -81.70	34.12 1.18 0.00	32.43 1.00 0.00
LITTLE FALLS____HYD 24013	44.04 2.36 0.00	36.27 1.86 0.00	27.08 1.46 0.00	36.13 1.86 0.00	32.82 1.68 0.00	33.93 1.84 0.00	39.43 2.24 0.00	44.01 2.56 0.00	40.12 1.65 0.00	38.72 0.83 0.00	34.01 0.24 0.00	32.18 0.18 0.00	30.66 0.09 0.00	32.49 0.06 0.00	30.86 0.15 0.00	28.28 0.47 0.00	35.74 1.21 0.00	40.05 1.71 0.00	44.36 2.21 0.00	44.29 2.01 0.00	43.37 2.12 0.00	44.49 2.27 0.00	34.67 1.73 0.00	32.99 1.57 0.00

LITTLRIV_115KV_TB1 356100	43.01 1.33 0.00	35.50 1.08 0.00	26.34 0.71 0.00	35.33 1.07 0.00	32.12 0.98 0.00	32.88 0.79 0.00	38.56 1.37 0.00	43.20 1.75 0.00	39.90 1.43 0.00	38.96 1.07 0.00	34.65 0.89 0.00	32.76 0.77 0.00	31.31 0.74 0.00	33.18 0.76 0.00	31.40 0.68 0.00	28.39 0.58 0.00	35.23 0.69 0.00	39.48 1.14 0.00	44.24 2.09 0.00	44.46 2.18 0.00	43.23 1.98 0.00	44.19 1.97 0.00	34.29 1.34 0.00	32.59 1.17 0.00
LI_NEWBRDGE___DRP 323616	42.82 1.14 0.00	35.32 0.91 0.00	26.32 0.69 0.00	35.12 0.86 0.00	31.96 0.83 0.00	32.87 0.78 0.00	38.05 0.87 0.00	42.22 0.76 0.00	39.55 1.09 0.00	39.06 1.17 0.00	35.00 1.23 0.00	33.23 1.23 0.00	31.49 0.91 0.00	33.62 1.19 0.00	31.66 0.94 0.00	28.47 0.66 0.00	35.31 0.77 0.00	39.03 0.69 0.00	42.90 0.75 0.00	43.02 0.74 0.00	42.10 0.85 0.00	43.08 0.86 0.00	33.84 0.89 0.00	32.26 0.84 0.00
LOCKPORT_115KV_TB60_63_64 80432	41.14 -0.54 0.00	34.08 -0.33 0.00	25.19 -0.44 0.00	33.96 -0.30 0.00	30.72 -0.42 0.00	31.49 -0.60 0.00	35.86 -1.33 0.00	39.60 -1.85 0.00	37.07 -1.40 0.00	37.12 -0.77 0.00	33.73 -0.04 0.00	32.02 0.02 0.00	30.66 0.08 0.00	32.25 -0.17 0.00	30.73 0.01 0.00	27.58 -0.23 0.00	33.11 -1.43 0.00	36.69 -1.66 0.00	39.93 -2.23 0.00	39.83 -2.45 0.00	38.50 -2.75 0.00	39.64 -2.58 0.00	31.39 -1.56 0.00	30.80 -0.62 0.00
LOCKPORT___CC1 323769	41.09 -0.59 0.00	34.06 -0.35 0.00	25.17 -0.46 0.00	33.93 -0.33 0.00	30.69 -0.44 0.00	31.49 -0.60 0.00	35.83 -1.35 0.00	39.60 -1.86 0.00	37.04 -1.43 0.00	37.10 -0.79 0.00	33.72 -0.05 0.00	32.01 0.01 0.00	30.65 0.08 0.00	32.24 -0.18 0.00	30.73 0.01 0.00	27.58 -0.23 0.00	33.10 -1.43 0.00	36.69 -1.65 0.00	39.92 -2.23 0.00	39.82 -2.46 0.00	38.48 -2.77 0.00	39.63 -2.60 0.00	31.37 -1.58 0.00	30.78 -0.65 0.00
LOCKPORT___CC2 323770	41.09 -0.59 0.00	34.06 -0.35 0.00	25.17 -0.46 0.00	33.93 -0.33 0.00	30.69 -0.44 0.00	31.49 -0.60 0.00	35.83 -1.35 0.00	39.60 -1.86 0.00	37.04 -1.43 0.00	37.10 -0.79 0.00	33.72 -0.05 0.00	32.01 0.01 0.00	30.65 0.08 0.00	32.24 -0.18 0.00	30.73 0.01 0.00	27.58 -0.23 0.00	33.10 -1.43 0.00	36.69 -1.65 0.00	39.92 -2.23 0.00	39.82 -2.46 0.00	38.48 -2.77 0.00	39.63 -2.60 0.00	31.37 -1.58 0.00	30.78 -0.65 0.00
LOCKPORT___CC3 323771	41.09 -0.59 0.00	34.06 -0.35 0.00	25.17 -0.46 0.00	33.93 -0.33 0.00	30.69 -0.44 0.00	31.49 -0.60 0.00	35.83 -1.35 0.00	39.60 -1.86 0.00	37.04 -1.43 0.00	37.10 -0.79 0.00	33.72 -0.05 0.00	32.01 0.01 0.00	30.65 0.08 0.00	32.24 -0.18 0.00	30.73 0.01 0.00	27.58 -0.23 0.00	33.10 -1.43 0.00	36.69 -1.65 0.00	39.92 -2.23 0.00	39.82 -2.46 0.00	38.48 -2.77 0.00	39.63 -2.60 0.00	31.37 -1.58 0.00	30.78 -0.65 0.00
LOCUSVLY_69_KV_BK2 55797	43.21 1.53 0.00	35.66 1.25 0.00	26.57 0.94 0.00	35.45 1.19 0.00	32.25 1.11 0.00	33.19 1.10 0.00	38.45 1.26 0.00	42.68 1.23 0.00	39.96 1.49 0.00	39.47 1.58 0.00	35.36 1.59 0.00	33.60 1.60 0.00	31.87 1.29 0.00	33.97 1.55 0.00	32.02 1.30 0.00	28.82 1.01 0.00	35.70 1.16 0.00	39.40 1.06 0.00	43.30 1.15 0.00	43.42 1.14 0.00	42.47 1.22 0.00	43.57 1.35 0.00	34.19 1.25 0.00	32.61 1.18 0.00
LONG_LAKE_PHOENIX 24014	41.01 -0.67 0.00	33.88 -0.53 0.00	25.22 -0.41 0.00	33.72 -0.55 0.00	30.61 -0.52 0.00	31.56 -0.53 0.00	36.45 -0.74 0.00	40.54 -0.91 0.00	37.60 -0.87 0.00	37.01 -0.88 0.00	33.05 -0.72 0.00	31.32 -0.68 0.00	29.93 -0.64 0.00	31.72 -0.71 0.00	30.07 -0.64 0.00	27.24 -0.58 0.00	33.81 -0.72 0.00	37.60 -0.74 0.00	41.29 -0.87 0.00	41.41 -0.87 0.00	40.35 -0.90 0.00	41.30 -0.93 0.00	32.25 -0.70 0.00	30.78 -0.64 0.00
LOVETT___3 23632	42.79 1.11 0.00	35.35 0.93 0.00	26.33 0.70 0.00	35.16 0.89 0.00	31.96 0.83 0.00	33.00 0.91 0.00	38.28 1.10 0.00	42.58 1.13 0.00	39.71 1.25 0.00	39.17 1.28 0.00	34.96 1.19 0.00	33.18 1.18 0.00	31.71 1.14 0.00	33.65 1.23 0.00	31.78 1.07 0.00	28.74 0.93 0.00	35.63 1.10 0.00	39.39 1.05 0.00	43.32 1.17 0.00	43.47 1.19 0.00	42.40 1.15 0.00	43.41 1.19 0.00	34.04 1.10 0.00	32.45 1.03 0.00
LOVETT___4 23642	42.79 1.11 0.00	35.35 0.93 0.00	26.33 0.70 0.00	35.16 0.89 0.00	31.96 0.83 0.00	33.00 0.91 0.00	38.28 1.10 0.00	42.58 1.13 0.00	39.71 1.25 0.00	39.17 1.28 0.00	34.96 1.19 0.00	33.18 1.18 0.00	31.71 1.14 0.00	33.65 1.23 0.00	31.78 1.07 0.00	28.74 0.93 0.00	35.63 1.10 0.00	39.39 1.05 0.00	43.32 1.17 0.00	43.47 1.19 0.00	42.40 1.15 0.00	43.41 1.19 0.00	34.04 1.10 0.00	32.45 1.03 0.00
LOVETT___5 23593	42.79 1.11 0.00	35.35 0.93 0.00	26.33 0.70 0.00	35.16 0.89 0.00	31.96 0.83 0.00	33.00 0.91 0.00	38.28 1.10 0.00	42.58 1.13 0.00	39.71 1.25 0.00	39.17 1.28 0.00	34.96 1.19 0.00	33.18 1.18 0.00	31.71 1.14 0.00	33.65 1.23 0.00	31.78 1.07 0.00	28.74 0.93 0.00	35.63 1.10 0.00	39.39 1.05 0.00	43.32 1.17 0.00	43.47 1.19 0.00	42.40 1.15 0.00	43.41 1.19 0.00	34.04 1.10 0.00	32.45 1.03 0.00
LOWER RAQUET___HYD 24057	42.48 0.80 0.00	35.07 0.66 0.00	26.03 0.40 0.00	34.93 0.66 0.00	31.77 0.64 0.00	32.57 0.48 0.00	38.16 0.97 0.00	42.75 1.30 0.00	39.58 1.11 0.00	38.85 0.96 0.00	34.60 0.83 0.00	32.69 0.69 0.00	31.23 0.66 0.00	33.08 0.65 0.00	31.32 0.60 0.00	28.32 0.51 0.00	35.17 0.63 0.00	39.33 0.99 0.00	43.80 1.65 0.00	43.99 1.71 0.00	42.80 1.55 0.00	43.77 1.55 0.00	33.97 1.02 0.00	32.27 0.84 0.00
LOWER___HUDSON 24059	42.53 0.85 0.00	35.01 0.60 0.00	26.17 0.54 0.00	34.86 0.60 0.00	31.71 0.58 0.00	32.78 0.70 0.00	38.03 0.85 0.00	42.48 1.03 0.00	39.33 0.87 0.00	38.51 0.62 0.00	34.06 0.29 0.00	32.23 0.23 0.00	30.83 0.25 0.00	32.72 0.30 0.00	31.02 0.30 0.00	28.15 0.34 0.00	35.33 0.79 0.00	39.14 0.79 0.00	43.04 0.89 0.00	43.19 0.91 0.00	42.27 1.02 0.00	43.24 1.02 0.00	33.77 0.82 0.00	32.15 0.72 0.00
LOWVILLE_115KV_TB2 356335	41.58 -0.10 0.00	34.37 -0.05 0.00	25.45 -0.18 0.00	34.18 -0.09 0.00	31.40 0.27 0.00	32.55 0.46 0.00	37.88 0.70 0.00	42.43 0.98 0.00	39.09 0.62 0.00	38.45 0.56 0.00	34.14 0.38 0.00	32.01 0.01 0.00	30.63 0.06 0.00	32.23 -0.19 0.00	30.68 -0.04 0.00	27.88 0.07 0.00	35.03 0.49 0.00	39.55 1.20 0.00	43.95 1.80 0.00	44.15 1.87 0.00	42.97 1.72 0.00	43.88 1.67 0.00	34.05 1.10 0.00	32.10 0.67 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	43.11 1.43 0.00	35.50 1.09 0.00	26.51 0.89 0.00	35.39 1.12 0.00	32.15 1.01 0.00	33.22 1.13 0.00	38.56 1.38 0.00	43.04 1.59 0.00	39.75 1.28 0.00	38.82 0.93 0.00	34.32 0.55 0.00	32.45 0.45 0.00	31.01 0.43 0.00	32.91 0.49 0.00	31.25 0.53 0.00	28.37 0.56 0.00	35.70 1.16 0.00	39.70 1.36 0.00	43.69 1.54 0.00	43.84 1.56 0.00	42.87 1.62 0.00	43.82 1.60 0.00	34.19 1.24 0.00	32.54 1.11 0.00

LUTHERNY_35_KV_BK2 355980	43.15 1.47 0.00	35.50 1.09 0.00	26.53 0.90 0.00	35.43 1.17 0.00	32.15 1.02 0.00	33.24 1.15 0.00	38.58 1.39 0.00	43.06 1.61 0.00	39.77 1.31 0.00	38.85 0.96 0.00	34.33 0.56 0.00	32.46 0.47 0.00	31.03 0.45 0.00	32.93 0.50 0.00	31.27 0.56 0.00	28.39 0.58 0.00	35.71 1.18 0.00	39.73 1.39 0.00	43.73 1.58 0.00	43.87 1.59 0.00	42.91 1.66 0.00	43.84 1.62 0.00	34.19 1.25 0.00	32.55 1.12 0.00
LWR___OSWEGATCHIE_HYD 23850	42.05 0.37 0.00	34.73 0.32 0.00	25.76 0.13 0.00	34.57 0.31 0.00	31.59 0.46 0.00	32.53 0.44 0.00	37.99 0.80 0.00	42.56 1.11 0.00	39.30 0.83 0.00	38.61 0.72 0.00	34.34 0.57 0.00	32.28 0.28 0.00	30.89 0.31 0.00	32.61 0.18 0.00	30.92 0.21 0.00	28.00 0.19 0.00	35.03 0.49 0.00	39.39 1.05 0.00	43.85 1.70 0.00	44.05 1.77 0.00	42.86 1.62 0.00	43.86 1.64 0.00	34.00 1.05 0.00	32.15 0.73 0.00
LYONS_FALL_HYD 23570	41.89 0.21 0.00	34.60 0.18 0.00	25.68 0.05 0.00	34.43 0.17 0.00	31.51 0.37 0.00	32.61 0.52 0.00	37.90 0.71 0.00	42.37 0.92 0.00	39.11 0.64 0.00	38.43 0.54 0.00	34.16 0.39 0.00	32.14 0.14 0.00	30.72 0.15 0.00	32.41 -0.01 0.00	30.81 0.09 0.00	27.97 0.16 0.00	35.05 0.51 0.00	39.43 1.09 0.00	43.64 1.49 0.00	43.81 1.53 0.00	42.66 1.41 0.00	43.59 1.37 0.00	33.88 0.93 0.00	32.03 0.60 0.00
MADISON___COUNTY_LFGE 323628	42.31 0.63 0.00	34.92 0.51 0.00	25.99 0.37 0.00	34.78 0.51 0.00	31.63 0.50 0.00	32.67 0.58 0.00	37.89 0.70 0.00	42.24 0.79 0.00	39.04 0.57 0.00	38.25 0.36 0.00	34.07 0.30 0.00	32.20 0.21 0.00	30.73 0.16 0.00	32.56 0.14 0.00	30.90 0.18 0.00	28.02 0.21 0.00	34.95 0.41 0.00	39.25 0.90 0.00	43.21 1.06 0.00	43.34 1.06 0.00	42.18 0.93 0.00	43.13 0.91 0.00	33.61 0.66 0.00	31.94 0.52 0.00
MALONE___115KV_TB1 356076	42.18 0.50 0.00	34.74 0.33 0.00	25.85 0.22 0.00	34.73 0.46 0.00	31.66 0.52 0.00	32.64 0.55 0.00	38.13 0.94 0.00	42.79 1.34 0.00	39.82 1.36 0.00	39.22 1.33 0.00	34.89 1.12 0.00	33.03 1.04 0.00	31.50 0.93 0.00	33.40 0.98 0.00	31.59 0.88 0.00	28.54 0.73 0.00	35.38 0.85 0.00	39.43 1.08 0.00	43.71 1.56 0.00	43.86 1.58 0.00	42.71 1.46 0.00	43.65 1.43 0.00	33.92 0.98 0.00	32.25 0.83 0.00
MAPLEWOD_115KV_TB3 80458	42.27 0.59 0.00	34.86 0.45 0.00	26.05 0.43 0.00	34.68 0.42 0.00	31.56 0.43 0.00	32.62 0.53 0.00	37.84 0.65 0.00	42.27 0.82 0.00	39.17 0.71 0.00	38.39 0.49 0.00	33.99 0.23 0.00	32.15 0.16 0.00	30.78 0.20 0.00	32.66 0.24 0.00	30.96 0.24 0.00	28.09 0.28 0.00	35.19 0.65 0.00	38.97 0.63 0.00	42.82 0.67 0.00	42.96 0.68 0.00	42.03 0.78 0.00	43.02 0.80 0.00	33.62 0.67 0.00	32.01 0.58 0.00
MAPLE_RIDGE_WT_1 323574	40.47 -1.21 0.00	33.49 -0.92 0.00	24.95 -0.68 0.00	33.43 -0.84 0.00	30.42 -0.72 0.00	31.43 -0.65 0.00	36.65 -0.53 0.00	40.89 -0.56 0.00	38.07 -0.39 0.00	37.81 -0.08 0.00	33.84 0.07 0.00	32.08 0.09 0.00	30.61 0.04 0.00	32.45 0.03 0.00	30.80 0.08 0.00	27.87 0.06 0.00	34.60 0.07 0.00	38.42 0.08 0.00	42.28 0.13 0.00	42.41 0.13 0.00	41.37 0.12 0.00	42.32 0.10 0.00	32.81 -0.14 0.00	31.06 -0.36 0.00
MAPLE_RIDGE_WT_2 323611	40.47 -1.21 0.00	33.49 -0.92 0.00	24.95 -0.68 0.00	33.43 -0.84 0.00	30.42 -0.72 0.00	31.43 -0.65 0.00	36.65 -0.53 0.00	40.89 -0.56 0.00	38.07 -0.39 0.00	37.81 -0.08 0.00	33.84 0.07 0.00	32.08 0.09 0.00	30.61 0.04 0.00	32.45 0.03 0.00	30.80 0.08 0.00	27.87 0.06 0.00	34.60 0.07 0.00	38.42 0.08 0.00	42.28 0.13 0.00	42.41 0.13 0.00	41.37 0.12 0.00	42.32 0.10 0.00	32.81 -0.14 0.00	31.06 -0.36 0.00
MARBLE_RIVER_WT_PWR 323696	40.97 -0.71 0.00	33.58 -0.83 0.00	25.18 -0.45 0.00	34.01 -0.25 0.00	31.37 0.23 0.00	32.28 0.19 0.00	37.87 0.68 0.00	42.74 1.29 0.00	39.89 1.43 0.00	39.41 1.52 0.00	35.08 1.32 0.00	33.30 1.30 0.00	31.69 1.12 0.00	33.59 1.17 0.00	31.76 1.04 0.00	28.81 1.00 0.00	35.79 1.26 0.00	39.60 1.26 0.00	43.65 1.50 0.00	43.71 1.43 0.00	42.72 1.47 0.00	43.62 1.40 0.00	33.93 0.98 0.00	32.20 0.77 0.00
MARSHVLE_115KV_TB1 80742	41.93 0.25 0.00	34.68 0.26 0.00	25.76 0.13 0.00	34.51 0.24 0.00	31.33 0.20 0.00	32.37 0.28 0.00	37.53 0.35 0.00	41.78 0.33 0.00	38.34 -0.13 0.00	37.43 -0.46 0.00	33.43 -0.34 0.00	31.69 -0.31 0.00	30.33 -0.25 0.00	32.11 -0.31 0.00	30.48 -0.24 0.00	27.72 -0.09 0.00	34.57 0.03 0.00	38.48 0.14 0.00	42.56 0.41 0.00	42.63 0.35 0.00	41.55 0.30 0.00	42.53 0.31 0.00	33.07 0.13 0.00	31.47 0.04 0.00
MARSH_HILL_WT_PWR 323713	39.34 -2.34 0.00	32.80 -1.61 0.00	24.41 -1.21 0.00	32.68 -1.58 0.00	29.47 -1.66 0.00	30.39 -1.70 0.00	35.19 -1.99 0.00	39.35 -2.11 0.00	37.17 -1.30 0.00	37.21 -0.68 0.00	33.60 -0.17 0.00	31.80 -0.20 0.00	30.48 -0.10 0.00	32.23 -0.19 0.00	30.78 0.06 0.00	27.95 0.13 0.00	34.18 -0.36 0.00	38.08 -0.26 0.00	41.27 -0.88 0.00	40.77 -1.51 0.00	39.87 -1.38 0.00	40.88 -1.34 0.00	31.50 -1.45 0.00	30.36 -1.07 0.00
MCINTYRE_115KV_TB2 80467	43.24 1.56 0.00	35.69 1.28 0.00	26.48 0.85 0.00	35.52 1.26 0.00	32.25 1.11 0.00	32.94 0.85 0.00	38.67 1.48 0.00	43.32 1.87 0.00	39.97 1.50 0.00	38.97 1.08 0.00	34.69 0.93 0.00	32.83 0.83 0.00	31.38 0.80 0.00	33.27 0.85 0.00	31.49 0.77 0.00	28.48 0.66 0.00	35.26 0.73 0.00	39.46 1.12 0.00	44.33 2.18 0.00	44.57 2.28 0.00	43.32 2.07 0.00	44.28 2.05 0.00	34.36 1.41 0.00	32.69 1.27 0.00
MECO_____69_KV_BK1 80468	42.92 1.23 0.00	35.43 1.02 0.00	26.35 0.72 0.00	35.25 0.98 0.00	32.03 0.90 0.00	33.10 1.01 0.00	38.42 1.23 0.00	42.85 1.40 0.00	39.12 0.66 0.00	37.79 -0.10 0.00	33.50 -0.27 0.00	31.65 -0.35 0.00	30.28 -0.30 0.00	32.05 -0.37 0.00	30.38 -0.34 0.00	27.58 -0.23 0.00	34.79 0.25 0.00	39.05 0.71 0.00	43.51 1.36 0.00	43.65 1.37 0.00	42.57 1.32 0.00	43.51 1.29 0.00	33.86 0.91 0.00	32.20 0.77 0.00
MENANDS___115KV_TB5 355628	42.03 0.35 0.00	34.66 0.25 0.00	25.92 0.30 0.00	34.50 0.23 0.00	31.39 0.26 0.00	32.46 0.36 0.00	37.65 0.46 0.00	42.05 0.60 0.00	38.99 0.52 0.00	38.23 0.34 0.00	33.86 0.10 0.00	32.04 0.04 0.00	30.68 0.11 0.00	32.56 0.13 0.00	30.87 0.15 0.00	28.00 0.19 0.00	35.03 0.50 0.00	38.74 0.40 0.00	42.56 0.41 0.00	42.70 0.42 0.00	41.78 0.54 0.00	42.76 0.54 0.00	33.43 0.48 0.00	31.84 0.41 0.00
MG INDUSTRY___DRP 24185	42.21 0.52 0.00	34.80 0.39 0.00	25.99 0.37 0.00	34.64 0.38 0.00	31.50 0.37 0.00	32.55 0.46 0.00	37.74 0.56 0.00	42.11 0.66 0.00	38.96 0.50 0.00	38.11 0.21 0.00	33.79 0.03 0.00	31.98 -0.01 0.00	30.61 0.03 0.00	32.47 0.05 0.00	30.84 0.12 0.00	28.03 0.22 0.00	35.02 0.49 0.00	38.84 0.49 0.00	42.63 0.47 0.00	42.76 0.47 0.00	41.82 0.57 0.00	42.82 0.60 0.00	33.47 0.52 0.00	31.89 0.47 0.00

MID___OSWEGATCHIE_HYD 23849	42.05 0.37 0.00	34.73 0.32 0.00	25.76 0.13 0.00	34.57 0.31 0.00	31.59 0.46 0.00	32.53 0.44 0.00	37.99 0.80 0.00	42.56 1.11 0.00	39.30 0.83 0.00	38.61 0.72 0.00	34.34 0.57 0.00	32.28 0.28 0.00	30.89 0.31 0.00	32.61 0.18 0.00	30.92 0.21 0.00	28.00 0.19 0.00	35.03 0.49 0.00	39.39 1.05 0.00	43.85 1.70 0.00	44.05 1.77 0.00	42.86 1.62 0.00	43.86 1.64 0.00	34.00 1.05 0.00	32.15 0.73 0.00
MID___RAQUETTE_HYD 23851	42.48 0.80 0.00	35.07 0.66 0.00	26.03 0.40 0.00	34.93 0.66 0.00	31.77 0.64 0.00	32.57 0.48 0.00	38.16 0.97 0.00	42.75 1.30 0.00	39.58 1.12 0.00	38.85 0.96 0.00	34.60 0.83 0.00	32.68 0.69 0.00	31.23 0.66 0.00	33.08 0.65 0.00	31.32 0.60 0.00	28.32 0.51 0.00	35.17 0.63 0.00	39.33 0.99 0.00	43.80 1.65 0.00	43.99 1.71 0.00	42.80 1.55 0.00	43.77 1.55 0.00	33.97 1.02 0.00	32.27 0.84 0.00
MILLIKEN___1 23584	42.14 0.46 0.00	34.84 0.43 0.00	25.87 0.24 0.00	34.65 0.39 0.00	31.44 0.30 0.00	32.45 0.36 0.00	37.61 0.42 0.00	41.86 0.41 0.00	38.67 0.20 0.00	37.93 0.04 0.00	33.82 0.05 0.00	32.04 0.04 0.00	30.65 0.07 0.00	32.49 0.06 0.00	30.87 0.15 0.00	28.02 0.21 0.00	34.83 0.29 0.00	38.88 0.54 0.00	42.72 0.57 0.00	42.78 0.50 0.00	41.65 0.40 0.00	42.59 0.37 0.00	33.23 0.28 0.00	31.74 0.32 0.00
MILLIKEN___2 23585	42.14 0.46 0.00	34.84 0.43 0.00	25.87 0.24 0.00	34.65 0.39 0.00	31.44 0.30 0.00	32.45 0.36 0.00	37.61 0.42 0.00	41.86 0.41 0.00	38.67 0.20 0.00	37.93 0.04 0.00	33.82 0.05 0.00	32.04 0.04 0.00	30.65 0.07 0.00	32.49 0.06 0.00	30.87 0.15 0.00	28.02 0.21 0.00	34.83 0.29 0.00	38.88 0.54 0.00	42.72 0.57 0.00	42.78 0.50 0.00	41.65 0.40 0.00	42.59 0.37 0.00	33.23 0.28 0.00	31.74 0.32 0.00
MILLIKEN___DIESEL 23629	42.14 0.46 0.00	34.84 0.43 0.00	25.87 0.24 0.00	34.65 0.39 0.00	31.44 0.30 0.00	32.45 0.36 0.00	37.61 0.42 0.00	41.86 0.41 0.00	38.67 0.20 0.00	37.93 0.04 0.00	33.82 0.05 0.00	32.04 0.04 0.00	30.65 0.07 0.00	32.49 0.06 0.00	30.87 0.15 0.00	28.02 0.21 0.00	34.83 0.29 0.00	38.88 0.54 0.00	42.72 0.57 0.00	42.78 0.50 0.00	41.65 0.40 0.00	42.59 0.37 0.00	33.23 0.28 0.00	31.74 0.32 0.00
MILLSEAT___LFGE 323607	41.80 0.12 0.00	34.60 0.19 0.00	25.58 -0.04 0.00	34.45 0.19 0.00	31.19 0.05 0.00	32.02 -0.07 0.00	36.55 -0.64 0.00	40.46 -0.99 0.00	37.87 -0.60 0.00	37.88 -0.01 0.00	34.34 0.57 0.00	32.57 0.57 0.00	31.19 0.61 0.00	32.79 0.36 0.00	31.24 0.52 0.00	28.11 0.30 0.00	33.90 -0.64 0.00	37.62 -0.73 0.00	41.00 -1.15 0.00	40.92 -1.36 0.00	39.56 -1.69 0.00	40.67 -1.55 0.00	32.09 -0.86 0.00	31.34 -0.09 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	42.90 1.22 0.00	35.42 1.01 0.00	26.40 0.78 0.00	35.23 0.96 0.00	32.03 0.89 0.00	33.07 0.98 0.00	38.36 1.17 0.00	42.66 1.21 0.00	39.80 1.34 0.00	39.24 1.35 0.00	35.00 1.23 0.00	33.23 1.23 0.00	31.74 1.17 0.00	33.70 1.27 0.00	31.84 1.13 0.00	28.79 0.98 0.00	35.71 1.17 0.00	39.45 1.11 0.00	43.38 1.23 0.00	43.53 1.25 0.00	42.48 1.23 0.00	43.49 1.28 0.00	34.11 1.16 0.00	32.50 1.08 0.00
MILLWOOD_13_KV_LOAD 356217	42.99 1.31 0.00	35.50 1.08 0.00	26.46 0.83 0.00	35.30 1.03 0.00	32.09 0.95 0.00	33.13 1.04 0.00	38.44 1.25 0.00	42.74 1.29 0.00	39.88 1.42 0.00	39.32 1.43 0.00	35.07 1.30 0.00	33.29 1.29 0.00	31.82 1.24 0.00	33.77 1.35 0.00	31.90 1.19 0.00	28.85 1.05 0.00	35.79 1.25 0.00	39.55 1.21 0.00	43.48 1.32 0.00	43.63 1.35 0.00	42.56 1.31 0.00	43.58 1.36 0.00	34.18 1.23 0.00	32.56 1.13 0.00
MODEL_CITY_ENERGY 24167	40.87 -0.81 0.00	33.87 -0.54 0.00	25.03 -0.60 0.00	33.75 -0.52 0.00	30.52 -0.61 0.00	31.29 -0.80 0.00	35.59 -1.60 0.00	39.25 -2.20 0.00	36.72 -1.74 0.00	36.79 -1.11 0.00	33.45 -0.32 0.00	31.74 -0.25 0.00	30.41 -0.17 0.00	31.98 -0.44 0.00	30.48 -0.23 0.00	27.34 -0.47 0.00	32.78 -1.76 0.00	36.31 -2.03 0.00	39.51 -2.64 0.00	39.41 -2.87 0.00	38.09 -3.16 0.00	39.25 -2.97 0.00	31.10 -1.85 0.00	30.57 -0.86 0.00
MODERN_LFGE___ 323580	40.87 -0.81 0.00	33.87 -0.54 0.00	25.03 -0.60 0.00	33.75 -0.52 0.00	30.52 -0.61 0.00	31.29 -0.80 0.00	35.59 -1.60 0.00	39.25 -2.20 0.00	36.72 -1.74 0.00	36.79 -1.11 0.00	33.45 -0.32 0.00	31.74 -0.25 0.00	30.41 -0.17 0.00	31.98 -0.44 0.00	30.48 -0.23 0.00	27.34 -0.47 0.00	32.78 -1.76 0.00	36.31 -2.03 0.00	39.51 -2.64 0.00	39.41 -2.87 0.00	38.09 -3.16 0.00	39.25 -2.97 0.00	31.10 -1.85 0.00	30.57 -0.86 0.00
MOHAWK_PAPER___DRP 24187	42.27 0.59 0.00	34.86 0.45 0.00	26.05 0.43 0.00	34.68 0.42 0.00	31.56 0.43 0.00	32.62 0.53 0.00	37.84 0.65 0.00	42.27 0.82 0.00	39.17 0.71 0.00	38.39 0.49 0.00	33.99 0.23 0.00	32.15 0.16 0.00	30.78 0.20 0.00	32.66 0.24 0.00	30.96 0.24 0.00	28.09 0.28 0.00	35.19 0.65 0.00	38.97 0.63 0.00	42.82 0.67 0.00	42.96 0.68 0.00	42.03 0.78 0.00	43.02 0.80 0.00	33.62 0.67 0.00	32.01 0.58 0.00
MOHICAN___35_KV_115KV_LD 80490	43.40 1.72 0.00	35.68 1.27 0.00	26.69 1.06 0.00	35.60 1.33 0.00	32.36 1.23 0.00	33.45 1.36 0.00	38.86 1.67 0.00	43.43 1.98 0.00	40.00 1.53 0.00	38.84 0.95 0.00	34.23 0.46 0.00	32.36 0.36 0.00	30.90 0.33 0.00	32.81 0.38 0.00	31.21 0.49 0.00	28.36 0.55 0.00	35.84 1.31 0.00	39.96 1.62 0.00	44.07 1.92 0.00	44.24 1.97 0.00	43.30 2.05 0.00	44.21 1.99 0.00	34.43 1.48 0.00	32.71 1.28 0.00
MONGAUP___HYD 23641	43.25 1.57 0.00	35.77 1.36 0.00	26.62 0.99 0.00	35.55 1.28 0.00	32.29 1.16 0.00	33.36 1.27 0.00	38.72 1.53 0.00	43.12 1.67 0.00	40.11 1.64 0.00	39.40 1.51 0.00	34.90 1.14 0.00	33.21 1.21 0.00	31.56 0.99 0.00	33.72 1.30 0.00	31.99 1.28 0.00	28.97 1.16 0.00	36.00 1.47 0.00	39.98 1.64 0.00	44.01 1.86 0.00	44.20 1.92 0.00	43.08 1.83 0.00	44.06 1.84 0.00	34.48 1.53 0.00	32.83 1.41 0.00
MONTAUK___DIESEL 23721	43.45 1.77 0.00	36.11 1.70 0.00	27.05 1.42 0.00	36.22 1.95 0.00	32.99 1.86 0.00	33.93 1.84 0.00	39.40 2.22 0.00	43.70 2.25 0.00	40.97 2.51 0.00	40.20 2.30 0.00	36.10 2.34 0.00	34.40 2.40 0.00	32.22 1.65 0.00	34.46 2.03 0.00	32.19 1.47 0.00	28.78 0.97 0.00	35.99 1.46 0.00	39.60 1.26 0.00	43.07 0.92 0.00	43.07 0.77 -0.01	64.71 1.04 -22.43	125.27 0.85 -82.20	33.53 0.58 0.00	31.74 0.31 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	39.60 -2.08 0.00	32.85 -1.55 0.00	24.28 -1.35 0.00	32.80 -1.47 0.00	29.80 -1.33 0.00	30.59 -1.50 0.00	35.09 -2.10 0.00	39.33 -2.12 0.00	37.04 -1.43 0.00	37.44 -0.45 0.00	34.07 0.30 0.00	32.44 0.44 0.00	30.98 0.41 0.00	32.69 0.27 0.00	31.27 0.55 0.00	28.16 0.35 0.00	34.12 -0.42 0.00	38.09 -0.25 0.00	41.44 -0.72 0.00	41.08 -1.20 0.00	39.51 -1.74 0.00	39.82 -2.40 0.00	31.08 -1.86 0.00	30.55 -0.87 0.00

MORRIS_RIDGE___SOLAR 323848	40.14 -1.54 0.00	33.32 -1.09 0.00	24.70 -0.93 0.00	33.20 -1.06 0.00	30.06 -1.08 0.00	31.02 -1.07 0.00	35.77 -1.42 0.00	39.77 -1.68 0.00	37.16 -1.31 0.00	37.13 -0.77 0.00	33.44 -0.33 0.00	31.72 -0.28 0.00	30.41 -0.17 0.00	32.05 -0.38 0.00	30.55 -0.17 0.00	27.67 -0.14 0.00	33.80 -0.74 0.00	37.62 -0.72 0.00	40.85 -1.30 0.00	40.54 -1.74 0.00	39.31 -1.94 0.00	40.30 -1.92 0.00	31.53 -1.42 0.00	30.54 -0.89 0.00
MORTIMER_115KV_TB3 55949	41.62 -0.06 0.00	34.41 0.00 0.00	25.52 -0.11 0.00	34.25 -0.02 0.00	31.03 -0.10 0.00	31.92 -0.16 0.00	36.71 -0.48 0.00	40.82 -0.63 0.00	38.03 -0.43 0.00	37.76 -0.13 0.00	33.98 0.21 0.00	32.22 0.23 0.00	30.85 0.28 0.00	32.58 0.16 0.00	30.96 0.24 0.00	27.92 0.11 0.00	34.19 -0.35 0.00	37.95 -0.40 0.00	41.53 -0.63 0.00	41.53 -0.75 0.00	40.30 -0.95 0.00	41.31 -0.91 0.00	32.39 -0.56 0.00	31.23 -0.19 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	43.12 1.44 0.00	35.59 1.17 0.00	26.53 0.90 0.00	35.38 1.12 0.00	32.17 1.04 0.00	33.23 1.14 0.00	38.56 1.37 0.00	42.81 1.36 0.00	40.02 1.56 0.00	39.47 1.57 0.00	35.23 1.46 0.00	33.46 1.46 0.00	31.96 1.39 0.00	33.93 1.51 0.00	32.06 1.34 0.00	28.98 1.16 0.00	35.87 1.33 0.00	39.58 1.24 0.00	43.50 1.35 0.00	43.66 1.38 0.00	42.59 1.34 0.00	43.63 1.41 0.00	34.27 1.32 0.00	32.66 1.23 0.00
MUNSVILLE_WIND_PWR 323609	42.97 1.29 0.00	35.64 1.23 0.00	26.41 0.78 0.00	35.35 1.09 0.00	32.06 0.93 0.00	33.25 1.16 0.00	38.66 1.47 0.00	43.19 1.74 0.00	39.80 1.34 0.00	38.87 0.98 0.00	34.54 0.77 0.00	32.64 0.64 0.00	31.19 0.61 0.00	32.83 0.41 0.00	31.22 0.50 0.00	28.63 0.82 0.00	36.08 1.55 0.00	40.75 2.41 0.00	44.95 2.80 0.00	45.07 2.79 0.00	43.47 2.22 0.00	44.35 2.13 0.00	34.29 1.35 0.00	32.46 1.03 0.00
N SALMON___HYD 24042	42.18 0.50 0.00	34.74 0.33 0.00	25.85 0.22 0.00	34.73 0.46 0.00	31.65 0.52 0.00	32.64 0.55 0.00	38.13 0.94 0.00	42.79 1.34 0.00	39.82 1.36 0.00	39.22 1.33 0.00	34.89 1.12 0.00	33.03 1.03 0.00	31.50 0.93 0.00	33.40 0.98 0.00	31.59 0.88 0.00	28.54 0.73 0.00	35.38 0.85 0.00	39.43 1.08 0.00	43.71 1.56 0.00	43.86 1.58 0.00	42.71 1.46 0.00	43.65 1.43 0.00	33.93 0.97 0.00	32.25 0.83 0.00
N.AKRON__115KV_KNAPP 355671	41.64 -0.04 0.00	34.49 0.08 0.00	25.48 -0.14 0.00	34.33 0.07 0.00	31.06 -0.07 0.00	31.88 -0.21 0.00	36.37 -0.82 0.00	40.22 -1.24 0.00	37.66 -0.80 0.00	37.69 -0.20 0.00	34.19 0.43 0.00	32.43 0.43 0.00	31.06 0.48 0.00	32.66 0.23 0.00	31.12 0.40 0.00	27.97 0.15 0.00	33.67 -0.86 0.00	37.35 -1.00 0.00	40.70 -1.46 0.00	40.60 -1.68 0.00	39.25 -2.00 0.00	40.37 -1.85 0.00	31.90 -1.05 0.00	31.20 -0.22 0.00
N.E_GEN_SANDY PD 24062	42.93 0.84 -0.40	35.19 0.59 -0.18	26.16 0.54 0.00	34.83 0.57 0.00	31.54 0.54 0.13	33.54 0.68 -0.77	38.02 0.84 0.00	43.44 1.00 -0.98	38.56 0.96 0.86	37.28 0.79 1.40	33.95 0.48 0.30	32.44 0.44 0.00	31.05 0.48 0.00	32.98 0.55 0.00	31.20 0.48 0.00	27.84 0.44 0.41	36.33 0.83 -0.96	38.44 0.73 0.64	42.95 0.79 0.00	43.11 0.83 0.00	42.20 0.95 0.00	43.38 0.98 -0.18	33.66 0.82 0.11	32.15 0.72 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	42.84 1.16 0.00	35.40 0.99 0.00	26.36 0.74 0.00	35.22 0.96 0.00	32.01 0.87 0.00	33.04 0.95 0.00	38.33 1.15 0.00	42.64 1.19 0.00	39.76 1.30 0.00	39.24 1.35 0.00	35.01 1.25 0.00	33.24 1.24 0.00	31.77 1.20 0.00	33.71 1.29 0.00	31.84 1.12 0.00	28.79 0.98 0.00	35.69 1.16 0.00	39.46 1.12 0.00	43.41 1.26 0.00	43.56 1.28 0.00	42.48 1.23 0.00	43.49 1.27 0.00	34.09 1.15 0.00	32.50 1.08 0.00
N.QUEENS_27_KV_LOAD 356247	40.73 1.13 2.08	35.28 0.87 0.00	26.36 0.73 0.00	34.90 0.73 0.09	31.94 0.80 0.00	33.16 1.07 0.00	38.56 1.37 0.00	42.63 1.18 0.00	39.93 1.46 0.00	39.35 1.46 0.00	35.19 1.42 0.00	33.43 1.43 0.00	31.93 1.36 0.00	33.88 1.46 0.00	32.01 1.30 0.00	28.94 1.13 0.00	35.79 1.26 0.00	39.43 1.09 0.00	43.38 1.23 0.00	43.59 1.32 0.00	42.51 1.26 0.00	43.57 1.35 0.00	34.26 1.31 0.00	32.63 1.21 0.00
N.TROY___115KV_TB1 355778	42.53 0.85 0.00	35.01 0.60 0.00	26.17 0.54 0.00	34.86 0.60 0.00	31.71 0.57 0.00	32.78 0.69 0.00	38.03 0.84 0.00	42.48 1.03 0.00	39.33 0.87 0.00	38.51 0.62 0.00	34.06 0.29 0.00	32.22 0.23 0.00	30.83 0.26 0.00	32.73 0.30 0.00	31.02 0.31 0.00	28.15 0.34 0.00	35.33 0.79 0.00	39.14 0.79 0.00	43.04 0.89 0.00	43.19 0.91 0.00	42.27 1.02 0.00	43.24 1.02 0.00	33.77 0.82 0.00	32.15 0.72 0.00
NARROWS_GT1_1 24228	42.98 1.30 0.00	35.48 1.07 0.00	26.49 0.86 0.00	35.28 1.02 0.00	32.08 0.95 0.00	33.21 1.12 0.00	38.53 1.34 0.00	42.69 1.24 0.00	40.04 1.57 0.00	39.46 1.57 0.00	35.27 1.50 0.00	33.48 1.49 0.00	31.97 1.39 0.00	33.93 1.50 0.00	32.05 1.33 0.00	28.97 1.16 0.00	35.77 1.23 0.00	39.40 1.06 0.00	43.34 1.18 0.00	43.52 1.24 0.00	42.46 1.21 0.00	43.50 1.28 0.00	34.27 1.32 0.00	32.66 1.24 0.00
NARROWS_GT1_2 24229	42.98 1.30 0.00	35.48 1.07 0.00	26.49 0.86 0.00	35.28 1.02 0.00	32.08 0.95 0.00	33.21 1.12 0.00	38.53 1.34 0.00	42.69 1.24 0.00	40.04 1.57 0.00	39.46 1.57 0.00	35.27 1.50 0.00	33.48 1.49 0.00	31.97 1.39 0.00	33.93 1.50 0.00	32.05 1.33 0.00	28.97 1.16 0.00	35.77 1.23 0.00	39.40 1.06 0.00	43.34 1.18 0.00	43.52 1.24 0.00	42.46 1.21 0.00	43.50 1.28 0.00	34.27 1.32 0.00	32.66 1.24 0.00
NARROWS_GT1_3 24230	42.98 1.30 0.00	35.48 1.07 0.00	26.49 0.86 0.00	35.28 1.02 0.00	32.08 0.95 0.00	33.21 1.12 0.00	38.53 1.34 0.00	42.69 1.24 0.00	40.04 1.57 0.00	39.46 1.57 0.00	35.27 1.50 0.00	33.48 1.49 0.00	31.97 1.39 0.00	33.93 1.50 0.00	32.05 1.33 0.00	28.97 1.16 0.00	35.77 1.23 0.00	39.40 1.06 0.00	43.34 1.18 0.00	43.52 1.24 0.00	42.46 1.21 0.00	43.50 1.28 0.00	34.27 1.32 0.00	32.66 1.24 0.00
NARROWS_GT1_4 24231	42.98 1.30 0.00	35.48 1.07 0.00	26.49 0.86 0.00	35.28 1.02 0.00	32.08 0.95 0.00	33.21 1.12 0.00	38.53 1.34 0.00	42.69 1.24 0.00	40.04 1.57 0.00	39.46 1.57 0.00	35.27 1.50 0.00	33.48 1.49 0.00	31.97 1.39 0.00	33.93 1.50 0.00	32.05 1.33 0.00	28.97 1.16 0.00	35.77 1.23 0.00	39.40 1.06 0.00	43.34 1.18 0.00	43.52 1.24 0.00	42.46 1.21 0.00	43.50 1.28 0.00	34.27 1.32 0.00	32.66 1.24 0.00
NARROWS_GT1_5 24232	42.98 1.30 0.00	35.48 1.07 0.00	26.49 0.86 0.00	35.28 1.02 0.00	32.08 0.95 0.00	33.21 1.12 0.00	38.53 1.34 0.00	42.69 1.24 0.00	40.04 1.57 0.00	39.46 1.57 0.00	35.27 1.50 0.00	33.48 1.49 0.00	31.97 1.39 0.00	33.93 1.50 0.00	32.05 1.33 0.00	28.97 1.16 0.00	35.77 1.23 0.00	39.40 1.06 0.00	43.34 1.18 0.00	43.52 1.24 0.00	42.46 1.21 0.00	43.50 1.28 0.00	34.27 1.32 0.00	32.66 1.24 0.00

NARROWS_GT1_6 24233	42.98 1.30 0.00	35.48 1.07 0.00	26.49 0.86 0.00	35.28 1.02 0.00	32.08 0.95 0.00	33.21 1.12 0.00	38.53 1.34 0.00	42.69 1.24 0.00	40.04 1.57 0.00	39.46 1.57 0.00	35.27 1.50 0.00	33.48 1.49 0.00	31.97 1.39 0.00	33.93 1.50 0.00	32.05 1.33 0.00	28.97 1.16 0.00	35.77 1.23 0.00	39.40 1.06 0.00	43.34 1.18 0.00	43.52 1.24 0.00	42.46 1.21 0.00	43.50 1.28 0.00	34.27 1.32 0.00	32.66 1.24 0.00
NARROWS_GT1_7 24234	42.98 1.30 0.00	35.48 1.07 0.00	26.49 0.86 0.00	35.28 1.02 0.00	32.08 0.95 0.00	33.21 1.12 0.00	38.53 1.34 0.00	42.69 1.24 0.00	40.04 1.57 0.00	39.46 1.57 0.00	35.27 1.50 0.00	33.48 1.49 0.00	31.97 1.39 0.00	33.93 1.50 0.00	32.05 1.33 0.00	28.97 1.16 0.00	35.77 1.23 0.00	39.40 1.06 0.00	43.34 1.18 0.00	43.52 1.24 0.00	42.46 1.21 0.00	43.50 1.28 0.00	34.27 1.32 0.00	32.66 1.24 0.00
NARROWS_GT1_8 24235	42.98 1.30 0.00	35.48 1.07 0.00	26.49 0.86 0.00	35.28 1.02 0.00	32.08 0.95 0.00	33.21 1.12 0.00	38.53 1.34 0.00	42.69 1.24 0.00	40.04 1.57 0.00	39.46 1.57 0.00	35.27 1.50 0.00	33.48 1.49 0.00	31.97 1.39 0.00	33.93 1.50 0.00	32.05 1.33 0.00	28.97 1.16 0.00	35.77 1.23 0.00	39.40 1.06 0.00	43.34 1.18 0.00	43.52 1.24 0.00	42.46 1.21 0.00	43.50 1.28 0.00	34.27 1.32 0.00	32.66 1.24 0.00
NARROWS_GT2_1 24236	42.98 1.30 0.00	35.48 1.07 0.00	26.49 0.86 0.00	35.28 1.02 0.00	32.08 0.95 0.00	33.21 1.12 0.00	38.53 1.34 0.00	42.69 1.24 0.00	40.04 1.57 0.00	39.46 1.57 0.00	35.27 1.50 0.00	33.48 1.49 0.00	31.97 1.39 0.00	33.93 1.50 0.00	32.05 1.33 0.00	28.97 1.16 0.00	35.77 1.23 0.00	39.40 1.06 0.00	43.34 1.18 0.00	43.52 1.24 0.00	42.46 1.21 0.00	43.50 1.28 0.00	34.27 1.32 0.00	32.66 1.24 0.00
NARROWS_GT2_2 24237	42.98 1.30 0.00	35.48 1.07 0.00	26.49 0.86 0.00	35.28 1.02 0.00	32.08 0.95 0.00	33.21 1.12 0.00	38.53 1.34 0.00	42.69 1.24 0.00	40.04 1.57 0.00	39.46 1.57 0.00	35.27 1.50 0.00	33.48 1.49 0.00	31.97 1.39 0.00	33.93 1.50 0.00	32.05 1.33 0.00	28.97 1.16 0.00	35.77 1.23 0.00	39.40 1.06 0.00	43.34 1.18 0.00	43.52 1.24 0.00	42.46 1.21 0.00	43.50 1.28 0.00	34.27 1.32 0.00	32.66 1.24 0.00
NARROWS_GT2_3 24238	42.98 1.30 0.00	35.48 1.07 0.00	26.49 0.86 0.00	35.28 1.02 0.00	32.08 0.95 0.00	33.21 1.12 0.00	38.53 1.34 0.00	42.69 1.24 0.00	40.04 1.57 0.00	39.46 1.57 0.00	35.27 1.50 0.00	33.48 1.49 0.00	31.97 1.39 0.00	33.93 1.50 0.00	32.05 1.33 0.00	28.97 1.16 0.00	35.77 1.23 0.00	39.40 1.06 0.00	43.34 1.18 0.00	43.52 1.24 0.00	42.46 1.21 0.00	43.50 1.28 0.00	34.27 1.32 0.00	32.66 1.24 0.00
NARROWS_GT2_4 24239	42.98 1.30 0.00	35.48 1.07 0.00	26.49 0.86 0.00	35.28 1.02 0.00	32.08 0.95 0.00	33.21 1.12 0.00	38.53 1.34 0.00	42.69 1.24 0.00	40.04 1.57 0.00	39.46 1.57 0.00	35.27 1.50 0.00	33.48 1.49 0.00	31.97 1.39 0.00	33.93 1.50 0.00	32.05 1.33 0.00	28.97 1.16 0.00	35.77 1.23 0.00	39.40 1.06 0.00	43.34 1.18 0.00	43.52 1.24 0.00	42.46 1.21 0.00	43.50 1.28 0.00	34.27 1.32 0.00	32.66 1.24 0.00
NARROWS_GT2_5 24240	42.98 1.30 0.00	35.48 1.07 0.00	26.49 0.86 0.00	35.28 1.02 0.00	32.08 0.95 0.00	33.21 1.12 0.00	38.53 1.34 0.00	42.69 1.24 0.00	40.04 1.57 0.00	39.46 1.57 0.00	35.27 1.50 0.00	33.48 1.49 0.00	31.97 1.39 0.00	33.93 1.50 0.00	32.05 1.33 0.00	28.97 1.16 0.00	35.77 1.23 0.00	39.40 1.06 0.00	43.34 1.18 0.00	43.52 1.24 0.00	42.46 1.21 0.00	43.50 1.28 0.00	34.27 1.32 0.00	32.66 1.24 0.00
NARROWS_GT2_6 24241	42.98 1.30 0.00	35.48 1.07 0.00	26.49 0.86 0.00	35.28 1.02 0.00	32.08 0.95 0.00	33.21 1.12 0.00	38.53 1.34 0.00	42.69 1.24 0.00	40.04 1.57 0.00	39.46 1.57 0.00	35.27 1.50 0.00	33.48 1.49 0.00	31.97 1.39 0.00	33.93 1.50 0.00	32.05 1.33 0.00	28.97 1.16 0.00	35.77 1.23 0.00	39.40 1.06 0.00	43.34 1.18 0.00	43.52 1.24 0.00	42.46 1.21 0.00	43.50 1.28 0.00	34.27 1.32 0.00	32.66 1.24 0.00
NARROWS_GT2_7 24242	42.98 1.30 0.00	35.48 1.07 0.00	26.49 0.86 0.00	35.28 1.02 0.00	32.08 0.95 0.00	33.21 1.12 0.00	38.53 1.34 0.00	42.69 1.24 0.00	40.04 1.57 0.00	39.46 1.57 0.00	35.27 1.50 0.00	33.48 1.49 0.00	31.97 1.39 0.00	33.93 1.50 0.00	32.05 1.33 0.00	28.97 1.16 0.00	35.77 1.23 0.00	39.40 1.06 0.00	43.34 1.18 0.00	43.52 1.24 0.00	42.46 1.21 0.00	43.50 1.28 0.00	34.27 1.32 0.00	32.66 1.24 0.00
NARROWS_GT2_8 24243	42.98 1.30 0.00	35.48 1.07 0.00	26.49 0.86 0.00	35.28 1.02 0.00	32.08 0.95 0.00	33.21 1.12 0.00	38.53 1.34 0.00	42.69 1.24 0.00	40.04 1.57 0.00	39.46 1.57 0.00	35.27 1.50 0.00	33.48 1.49 0.00	31.97 1.39 0.00	33.93 1.50 0.00	32.05 1.33 0.00	28.97 1.16 0.00	35.77 1.23 0.00	39.40 1.06 0.00	43.34 1.18 0.00	43.52 1.24 0.00	42.46 1.21 0.00	43.50 1.28 0.00	34.27 1.32 0.00	32.66 1.24 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	42.67 0.99 0.00	35.13 0.72 0.00	26.27 0.64 0.00	34.95 0.68 0.00	31.80 0.67 0.00	32.90 0.81 0.00	38.20 1.02 0.00	42.76 1.31 0.00	39.54 1.07 0.00	38.41 0.52 0.00	33.93 0.16 0.00	32.05 0.05 0.00	30.64 0.07 0.00	32.46 0.04 0.00	30.94 0.23 0.00	28.20 0.39 0.00	35.41 0.88 0.00	39.38 1.04 0.00	43.39 1.24 0.00	43.49 1.21 0.00	42.51 1.26 0.00	43.46 1.24 0.00	33.90 0.95 0.00	32.24 0.81 0.00
NCHELSEA_115KV_TR2 355582	43.22 1.53 0.00	35.68 1.27 0.00	26.58 0.96 0.00	35.47 1.21 0.00	32.25 1.11 0.00	33.30 1.22 0.00	38.66 1.47 0.00	43.04 1.59 0.00	40.12 1.65 0.00	39.51 1.61 0.00	35.18 1.41 0.00	33.41 1.41 0.00	31.94 1.37 0.00	33.91 1.49 0.00	32.07 1.35 0.00	29.02 1.21 0.00	36.04 1.51 0.00	39.88 1.54 0.00	43.84 1.69 0.00	43.99 1.71 0.00	42.92 1.67 0.00	43.93 1.71 0.00	34.40 1.45 0.00	32.75 1.33 0.00
NEG CAPITAL___MECHNVIL 23645	43.14 1.46 0.00	35.53 1.12 0.00	26.53 0.91 0.00	35.40 1.13 0.00	32.16 1.03 0.00	33.24 1.16 0.00	38.58 1.40 0.00	43.07 1.62 0.00	39.81 1.34 0.00	38.88 0.99 0.00	34.38 0.61 0.00	32.50 0.50 0.00	31.07 0.49 0.00	32.97 0.55 0.00	31.29 0.57 0.00	28.43 0.62 0.00	35.77 1.24 0.00	39.76 1.42 0.00	43.77 1.62 0.00	43.91 1.63 0.00	42.94 1.69 0.00	43.89 1.67 0.00	34.23 1.29 0.00	32.58 1.15 0.00
NEG CENTRAL_HIGH_ACRES 23767	40.89 -0.79 0.00	33.81 -0.60 0.00	25.09 -0.54 0.00	33.65 -0.62 0.00	30.50 -0.63 0.00	31.42 -0.67 0.00	36.16 -1.02 0.00	40.25 -1.21 0.00	37.43 -1.03 0.00	37.10 -0.79 0.00	33.33 -0.44 0.00	31.58 -0.41 0.00	30.25 -0.32 0.00	31.98 -0.44 0.00	30.36 -0.35 0.00	27.42 -0.39 0.00	33.69 -0.85 0.00	37.41 -0.93 0.00	40.96 -1.19 0.00	40.98 -1.30 0.00	39.79 -1.46 0.00	40.75 -1.48 0.00	31.92 -1.03 0.00	30.69 -0.74 0.00

NEG CENTRAL___DRP 24199	41.60 -0.08 0.00	34.45 0.03 0.00	25.58 -0.05 0.00	34.27 0.01 0.00	31.08 -0.05 0.00	32.08 -0.01 0.00	37.10 -0.09 0.00	41.20 -0.24 0.00	38.20 -0.26 0.00	37.67 -0.22 0.00	33.82 0.05 0.00	32.07 0.06 0.00	30.65 0.07 0.00	32.44 0.02 0.00	30.83 0.12 0.00	27.94 0.13 0.00	34.46 -0.07 0.00	38.37 0.03 0.00	42.03 -0.12 0.00	42.04 -0.24 0.00	40.88 -0.37 0.00	41.83 -0.39 0.00	32.73 -0.22 0.00	31.38 -0.04 0.00
NEG CENTRAL___INDECK 23768	42.12 0.44 0.00	34.87 0.46 0.00	25.87 0.24 0.00	34.72 0.45 0.00	31.43 0.30 0.00	32.41 0.32 0.00	37.43 0.24 0.00	41.72 0.26 0.00	39.02 0.55 0.00	38.89 1.00 0.00	34.97 1.20 0.00	33.08 1.09 0.00	31.65 1.08 0.00	33.48 1.06 0.00	31.82 1.11 0.00	28.70 0.89 0.00	35.29 0.76 0.00	39.32 0.98 0.00	42.96 0.80 0.00	42.81 0.53 0.00	41.50 0.25 0.00	42.46 0.23 0.00	33.11 0.17 0.00	31.87 0.45 0.00
NEG CENTRAL___SENECA 23627	41.53 -0.15 0.00	34.44 0.03 0.00	25.59 -0.04 0.00	34.27 0.00 0.00	31.07 -0.06 0.00	32.06 -0.03 0.00	37.09 -0.10 0.00	41.15 -0.30 0.00	38.24 -0.22 0.00	37.79 -0.10 0.00	33.95 0.18 0.00	32.19 0.19 0.00	30.77 0.19 0.00	32.56 0.14 0.00	30.96 0.24 0.00	28.05 0.24 0.00	34.47 -0.06 0.00	38.42 0.08 0.00	42.04 -0.11 0.00	42.04 -0.24 0.00	40.83 -0.42 0.00	41.79 -0.43 0.00	32.72 -0.22 0.00	31.43 0.00 0.00
NEG CENTRAL___STATE_STREET 24147	41.90 0.22 0.00	34.65 0.23 0.00	25.67 0.04 0.00	34.44 0.18 0.00	31.27 0.13 0.00	32.27 0.18 0.00	37.33 0.14 0.00	41.52 0.07 0.00	38.29 -0.17 0.00	37.67 -0.22 0.00	33.78 0.01 0.00	32.03 0.03 0.00	30.63 0.05 0.00	32.36 -0.06 0.00	30.79 0.07 0.00	27.93 0.12 0.00	34.60 0.07 0.00	38.56 0.21 0.00	42.32 0.17 0.00	42.23 -0.05 0.00	41.19 -0.06 0.00	42.14 -0.09 0.00	32.93 -0.01 0.00	31.52 0.09 0.00
NEG MILLWOOD___DRP 24198	43.28 1.60 0.00	35.72 1.31 0.00	26.61 0.98 0.00	35.50 1.24 0.00	32.26 1.13 0.00	33.33 1.24 0.00	38.68 1.50 0.00	43.07 1.62 0.00	40.17 1.71 0.00	39.57 1.68 0.00	35.25 1.48 0.00	33.47 1.47 0.00	32.00 1.43 0.00	33.97 1.55 0.00	32.12 1.40 0.00	29.05 1.24 0.00	36.07 1.53 0.00	39.89 1.55 0.00	43.84 1.69 0.00	43.99 1.71 0.00	42.93 1.68 0.00	43.95 1.72 0.00	34.41 1.46 0.00	32.77 1.34 0.00
NEG NORTH_FLCN_SEA 23793	41.66 -0.02 0.00	34.17 -0.25 0.00	25.58 -0.05 0.00	34.43 0.16 0.00	31.61 0.48 0.00	32.56 0.47 0.00	38.10 0.92 0.00	42.90 1.44 0.00	39.96 1.49 0.00	39.44 1.55 0.00	35.11 1.34 0.00	33.32 1.32 0.00	31.72 1.15 0.00	33.63 1.21 0.00	31.85 1.14 0.00	28.88 1.07 0.00	35.86 1.33 0.00	39.70 1.36 0.00	43.79 1.64 0.00	43.87 1.59 0.00	42.89 1.64 0.00	43.82 1.60 0.00	34.06 1.12 0.00	32.34 0.92 0.00
NEG NORTH_KES_CHATEGAY 23792	41.53 -0.15 0.00	34.17 -0.24 0.00	25.47 -0.15 0.00	34.23 -0.03 0.00	31.30 0.17 0.00	32.23 0.14 0.00	37.57 0.38 0.00	42.19 0.74 0.00	39.29 0.82 0.00	38.74 0.85 0.00	34.52 0.75 0.00	32.73 0.73 0.00	31.23 0.65 0.00	33.13 0.70 0.00	31.35 0.63 0.00	28.33 0.52 0.00	35.08 0.55 0.00	38.92 0.57 0.00	43.06 0.91 0.00	43.18 0.90 0.00	42.09 0.84 0.00	43.01 0.79 0.00	33.46 0.52 0.00	31.86 0.44 0.00
NEG NORTH___ALICE_FALLS 23915	41.82 0.14 0.00	34.34 -0.08 0.00	25.67 0.05 0.00	34.54 0.27 0.00	31.63 0.49 0.00	32.62 0.53 0.00	38.15 0.96 0.00	42.93 1.48 0.00	39.95 1.48 0.00	39.35 1.46 0.00	35.03 1.26 0.00	33.23 1.23 0.00	31.65 1.08 0.00	33.55 1.12 0.00	31.75 1.04 0.00	28.77 0.96 0.00	35.72 1.18 0.00	39.63 1.29 0.00	43.84 1.69 0.00	43.95 1.67 0.00	42.91 1.67 0.00	43.83 1.62 0.00	34.07 1.13 0.00	32.37 0.94 0.00
NEG NORTH___LWR_SARANAC 23913	41.82 0.14 0.00	34.34 -0.08 0.00	25.67 0.05 0.00	34.54 0.27 0.00	31.63 0.49 0.00	32.62 0.53 0.00	38.15 0.96 0.00	42.93 1.48 0.00	39.95 1.48 0.00	39.35 1.46 0.00	35.03 1.26 0.00	33.23 1.23 0.00	31.65 1.08 0.00	33.55 1.12 0.00	31.75 1.04 0.00	28.77 0.96 0.00	35.72 1.18 0.00	39.63 1.29 0.00	43.84 1.69 0.00	43.95 1.67 0.00	42.91 1.67 0.00	43.83 1.62 0.00	34.07 1.13 0.00	32.37 0.94 0.00
NEG NORTH___PLATTSBURG 23628	41.82 0.14 0.00	34.34 -0.08 0.00	25.67 0.05 0.00	34.54 0.27 0.00	31.63 0.49 0.00	32.62 0.53 0.00	38.15 0.96 0.00	42.93 1.48 0.00	39.95 1.48 0.00	39.35 1.46 0.00	35.03 1.26 0.00	33.23 1.23 0.00	31.65 1.08 0.00	33.55 1.12 0.00	31.75 1.04 0.00	28.77 0.96 0.00	35.71 1.18 0.00	39.63 1.29 0.00	43.84 1.69 0.00	43.95 1.67 0.00	42.92 1.67 0.00	43.84 1.62 0.00	34.07 1.13 0.00	32.37 0.94 0.00
NEG WEST_LEA_LOCKPORT 23791	41.09 -0.59 0.00	34.05 -0.36 0.00	25.17 -0.46 0.00	33.93 -0.34 0.00	30.68 -0.45 0.00	31.47 -0.62 0.00	35.84 -1.35 0.00	39.59 -1.86 0.00	37.06 -1.41 0.00	37.10 -0.79 0.00	33.72 -0.05 0.00	32.01 0.01 0.00	30.65 0.08 0.00	32.24 -0.18 0.00	30.73 0.01 0.00	27.58 -0.23 0.00	33.11 -1.42 0.00	36.69 -1.66 0.00	39.92 -2.23 0.00	39.82 -2.46 0.00	38.48 -2.77 0.00	39.62 -2.60 0.00	31.38 -1.57 0.00	30.78 -0.65 0.00
NEG WEST___LANCASTR 23811	40.80 -0.88 0.00	33.86 -0.56 0.00	25.08 -0.55 0.00	33.80 -0.46 0.00	30.54 -0.59 0.00	31.39 -0.70 0.00	35.95 -1.23 0.00	39.92 -1.53 0.00	37.23 -1.23 0.00	37.30 -0.59 0.00	33.78 0.01 0.00	32.05 0.05 0.00	30.60 0.03 0.00	32.16 -0.27 0.00	30.66 -0.06 0.00	27.54 -0.27 0.00	33.31 -1.23 0.00	37.02 -1.32 0.00	40.28 -1.87 0.00	40.17 -2.11 0.00	38.83 -2.42 0.00	39.91 -2.31 0.00	31.44 -1.51 0.00	30.73 -0.70 0.00
NEG_PENN_ALLEGHNY 23528	41.71 0.03 0.00	34.52 0.11 0.00	25.69 0.06 0.00	34.39 0.12 0.00	31.15 0.02 0.00	32.15 0.06 0.00	37.28 0.09 0.00	41.51 0.06 0.00	38.44 -0.03 0.00	37.98 0.09 0.00	33.89 0.12 0.00	32.13 0.13 0.00	30.63 0.05 0.00	32.39 -0.04 0.00	30.72 0.01 0.00	27.84 0.03 0.00	34.52 -0.02 0.00	38.50 0.16 0.00	42.15 0.00 0.00	42.24 -0.04 0.00	41.10 -0.15 0.00	42.12 -0.10 0.00	32.87 -0.07 0.00	31.49 0.07 0.00
NEG___GEN_MONROE 24207	41.96 0.28 0.00	34.68 0.27 0.00	25.71 0.08 0.00	34.54 0.27 0.00	31.32 0.19 0.00	32.18 0.10 0.00	36.94 -0.25 0.00	40.99 -0.46 0.00	38.24 -0.23 0.00	38.01 0.12 0.00	34.29 0.52 0.00	32.52 0.52 0.00	31.11 0.53 0.00	32.81 0.38 0.00	31.24 0.52 0.00	28.20 0.38 0.00	34.36 -0.17 0.00	38.14 -0.20 0.00	41.70 -0.45 0.00	41.71 -0.57 0.00	40.43 -0.82 0.00	41.46 -0.77 0.00	32.52 -0.42 0.00	31.42 -0.01 0.00
NEPA___ENERGY 23901	40.31 -1.37 0.00	33.48 -0.93 0.00	24.79 -0.84 0.00	33.48 -0.79 0.00	30.22 -0.92 0.00	31.06 -1.03 0.00	35.82 -1.36 0.00	39.86 -1.59 0.00	37.00 -1.47 0.00	37.26 -0.63 0.00	33.67 -0.09 0.00	32.00 0.00 0.00	30.43 -0.15 0.00	31.94 -0.48 0.00	30.43 -0.28 0.00	27.40 -0.41 0.00	33.27 -1.26 0.00	37.23 -1.11 0.00	40.47 -1.68 0.00	40.38 -1.90 0.00	38.93 -2.32 0.00	39.90 -2.32 0.00	31.32 -1.63 0.00	30.66 -0.77 0.00

NEVERSINK____HYD 23608	42.75 1.07 0.00	35.32 0.91 0.00	26.28 0.66 0.00	35.10 0.84 0.00	31.87 0.74 0.00	32.93 0.84 0.00	38.23 1.04 0.00	42.58 1.12 0.00	39.65 1.19 0.00	39.07 1.17 0.00	34.76 0.99 0.00	32.93 0.94 0.00	31.33 0.75 0.00	32.45 0.02 0.00	30.69 -0.02 0.00	27.82 0.01 0.00	34.55 0.01 0.00	38.35 0.01 0.00	42.33 0.18 0.00	43.61 1.33 0.00	42.53 1.28 0.00	43.51 1.29 0.00	34.04 1.10 0.00	32.40 0.98 0.00
NEWKRMKL_115KV_TB1 55635	41.82 0.14 0.00	34.51 0.10 0.00	25.81 0.18 0.00	34.34 0.07 0.00	31.26 0.12 0.00	32.31 0.22 0.00	37.47 0.29 0.00	41.86 0.41 0.00	38.82 0.36 0.00	38.06 0.16 0.00	33.72 -0.05 0.00	31.91 -0.09 0.00	30.56 -0.02 0.00	32.42 0.00 0.00	30.76 0.04 0.00	27.91 0.10 0.00	34.89 0.35 0.00	38.59 0.25 0.00	42.38 0.23 0.00	42.52 0.24 0.00	41.58 0.33 0.00	42.56 0.33 0.00	33.28 0.33 0.00	31.69 0.27 0.00
NEWTON____FALLS_HYD 23847	42.05 0.37 0.00	34.73 0.32 0.00	25.76 0.13 0.00	34.57 0.31 0.00	31.59 0.46 0.00	32.53 0.44 0.00	37.99 0.80 0.00	42.56 1.11 0.00	39.30 0.83 0.00	38.61 0.72 0.00	34.34 0.57 0.00	32.28 0.28 0.00	30.89 0.31 0.00	32.61 0.18 0.00	30.92 0.21 0.00	28.00 0.19 0.00	35.03 0.49 0.00	39.39 1.05 0.00	43.85 1.70 0.00	44.05 1.77 0.00	42.86 1.62 0.00	43.86 1.64 0.00	34.00 1.05 0.00	32.15 0.73 0.00
NGRID_A1_DSASP 323792	40.89 -0.79 0.00	33.88 -0.53 0.00	25.04 -0.59 0.00	33.79 -0.48 0.00	30.52 -0.61 0.00	31.30 -0.78 0.00	35.37 -1.82 0.00	39.14 -2.31 0.00	36.59 -1.88 0.00	36.71 -1.18 0.00	33.55 -0.22 0.00	31.83 -0.17 0.00	30.50 -0.08 0.00	32.08 -0.34 0.00	30.58 -0.14 0.00	27.40 -0.41 0.00	32.73 -1.81 0.00	36.19 -2.16 0.00	39.36 -2.79 0.00	39.27 -3.01 0.00	37.94 -3.31 0.00	39.09 -3.14 0.00	31.11 -1.84 0.00	30.54 -0.88 0.00
NGRID_A2_DSASP 323793	40.89 -0.79 0.00	33.88 -0.53 0.00	25.04 -0.59 0.00	33.79 -0.48 0.00	30.52 -0.61 0.00	31.30 -0.78 0.00	35.37 -1.82 0.00	39.14 -2.31 0.00	36.59 -1.88 0.00	36.71 -1.18 0.00	33.55 -0.22 0.00	31.83 -0.17 0.00	30.50 -0.08 0.00	32.08 -0.34 0.00	30.58 -0.14 0.00	27.40 -0.41 0.00	32.73 -1.81 0.00	36.19 -2.16 0.00	39.36 -2.79 0.00	39.27 -3.01 0.00	37.94 -3.31 0.00	39.09 -3.14 0.00	31.11 -1.84 0.00	30.54 -0.88 0.00
NGRID_A4_DSASP 323807	40.89 -0.79 0.00	33.88 -0.53 0.00	25.04 -0.59 0.00	33.79 -0.48 0.00	30.52 -0.61 0.00	31.30 -0.78 0.00	35.37 -1.82 0.00	39.14 -2.31 0.00	36.59 -1.88 0.00	36.71 -1.18 0.00	33.55 -0.22 0.00	31.83 -0.17 0.00	30.50 -0.08 0.00	32.08 -0.34 0.00	30.58 -0.14 0.00	27.40 -0.41 0.00	32.73 -1.81 0.00	36.19 -2.16 0.00	39.36 -2.79 0.00	39.27 -3.01 0.00	37.94 -3.31 0.00	39.09 -3.14 0.00	31.11 -1.84 0.00	30.54 -0.88 0.00
NIAGARA_115E_LBMP 323715	40.72 -0.96 0.00	33.75 -0.67 0.00	24.94 -0.69 0.00	33.62 -0.64 0.00	30.42 -0.71 0.00	31.17 -0.91 0.00	35.43 -1.75 0.00	39.04 -2.41 0.00	36.53 -1.93 0.00	36.60 -1.30 0.00	33.29 -0.48 0.00	31.59 -0.40 0.00	30.27 -0.30 0.00	31.83 -0.59 0.00	30.34 -0.38 0.00	27.21 -0.60 0.00	32.60 -1.94 0.00	36.10 -2.24 0.00	39.27 -2.89 0.00	39.17 -3.11 0.00	37.85 -3.40 0.00	39.02 -3.20 0.00	30.93 -2.01 0.00	30.43 -0.99 0.00
NIAGARA_115W_LBMP 323714	40.84 -0.84 0.00	33.84 -0.57 0.00	25.01 -0.62 0.00	33.75 -0.52 0.00	30.49 -0.65 0.00	31.26 -0.83 0.00	35.31 -1.88 0.00	39.07 -2.39 0.00	36.52 -1.95 0.00	36.64 -1.26 0.00	33.49 -0.28 0.00	31.78 -0.21 0.00	30.46 -0.12 0.00	32.04 -0.39 0.00	30.53 -0.18 0.00	27.37 -0.45 0.00	32.67 -1.87 0.00	36.12 -2.22 0.00	39.30 -2.85 0.00	39.19 -3.08 0.00	37.87 -3.38 0.00	39.02 -3.20 0.00	31.07 -1.88 0.00	30.51 -0.91 0.00
NIAGARA_230_LBMP 323716	40.88 -0.80 0.00	33.88 -0.53 0.00	25.06 -0.57 0.00	33.79 -0.47 0.00	30.55 -0.58 0.00	31.33 -0.76 0.00	35.60 -1.59 0.00	39.41 -2.04 0.00	36.82 -1.65 0.00	36.89 -1.01 0.00	33.54 -0.23 0.00	31.82 -0.17 0.00	30.49 -0.08 0.00	32.07 -0.35 0.00	30.56 -0.16 0.00	27.40 -0.41 0.00	32.90 -1.64 0.00	36.43 -1.91 0.00	39.65 -2.51 0.00	39.56 -2.72 0.00	38.25 -3.00 0.00	39.37 -2.85 0.00	31.20 -1.74 0.00	30.58 -0.85 0.00
NIAGARA__115KV_198_GIBSON 55903	40.84 -0.84 0.00	33.84 -0.57 0.00	25.00 -0.62 0.00	33.74 -0.52 0.00	30.48 -0.66 0.00	31.24 -0.85 0.00	35.31 -1.88 0.00	39.06 -2.39 0.00	36.54 -1.93 0.00	36.64 -1.26 0.00	33.49 -0.28 0.00	31.78 -0.21 0.00	30.46 -0.12 0.00	32.03 -0.39 0.00	30.53 -0.18 0.00	27.37 -0.45 0.00	32.67 -1.86 0.00	36.12 -2.22 0.00	39.30 -2.85 0.00	39.19 -3.09 0.00	37.87 -3.38 0.00	39.01 -3.21 0.00	31.07 -1.88 0.00	30.51 -0.91 0.00
NIAGARA____ 23760	40.88 -0.80 0.00	33.88 -0.53 0.00	25.06 -0.57 0.00	33.79 -0.47 0.00	30.55 -0.58 0.00	31.33 -0.76 0.00	35.60 -1.59 0.00	39.41 -2.04 0.00	36.82 -1.65 0.00	36.89 -1.01 0.00	33.54 -0.23 0.00	31.82 -0.17 0.00	30.49 -0.08 0.00	32.07 -0.35 0.00	30.56 -0.16 0.00	27.40 -0.41 0.00	32.90 -1.64 0.00	36.43 -1.91 0.00	39.65 -2.51 0.00	39.56 -2.72 0.00	38.25 -3.00 0.00	39.37 -2.85 0.00	31.20 -1.74 0.00	30.58 -0.85 0.00
NINE_MILE_1 23575	40.63 -1.05 0.00	33.57 -0.84 0.00	24.97 -0.66 0.00	33.41 -0.86 0.00	30.33 -0.80 0.00	31.26 -0.83 0.00	36.10 -1.09 0.00	40.15 -1.31 0.00	37.24 -1.22 0.00	36.69 -1.20 0.00	32.75 -1.02 0.00	31.04 -0.96 0.00	29.66 -0.91 0.00	31.43 -0.99 0.00	29.81 -0.91 0.00	26.99 -0.82 0.00	33.48 -1.06 0.00	37.20 -1.14 0.00	40.85 -1.30 0.00	40.96 -1.32 0.00	39.92 -1.33 0.00	40.86 -1.36 0.00	31.92 -1.03 0.00	30.48 -0.94 0.00
NINE_MILE_2 23744	40.63 -1.05 0.00	33.57 -0.84 0.00	24.98 -0.65 0.00	33.41 -0.86 0.00	30.33 -0.80 0.00	31.26 -0.83 0.00	36.10 -1.09 0.00	40.15 -1.30 0.00	37.24 -1.22 0.00	36.69 -1.20 0.00	32.75 -1.02 0.00	31.04 -0.96 0.00	29.66 -0.91 0.00	31.43 -0.99 0.00	29.81 -0.90 0.00	26.99 -0.82 0.00	33.48 -1.05 0.00	37.20 -1.14 0.00	40.85 -1.30 0.00	40.96 -1.32 0.00	39.92 -1.33 0.00	40.86 -1.36 0.00	31.92 -1.02 0.00	30.48 -0.94 0.00
NM_CAPITAL____DRP 24208	41.93 0.25 0.00	34.58 0.17 0.00	25.86 0.24 0.00	34.41 0.15 0.00	31.32 0.19 0.00	32.38 0.29 0.00	37.55 0.37 0.00	41.95 0.50 0.00	38.91 0.44 0.00	38.16 0.26 0.00	33.79 0.03 0.00	31.98 -0.02 0.00	30.62 0.05 0.00	32.49 0.07 0.00	30.81 0.09 0.00	27.95 0.14 0.00	34.95 0.42 0.00	38.65 0.31 0.00	42.45 0.30 0.00	42.59 0.31 0.00	41.67 0.42 0.00	42.65 0.43 0.00	33.35 0.40 0.00	31.76 0.34 0.00
NM_CENTRAL____DRP 24181	41.31 -0.37 0.00	34.12 -0.29 0.00	25.39 -0.24 0.00	33.96 -0.31 0.00	30.82 -0.31 0.00	31.78 -0.31 0.00	36.73 -0.45 0.00	40.86 -0.59 0.00	37.87 -0.59 0.00	37.29 -0.60 0.00	33.30 -0.47 0.00	31.57 -0.42 0.00	30.17 -0.40 0.00	31.97 -0.45 0.00	30.32 -0.40 0.00	27.46 -0.35 0.00	34.07 -0.47 0.00	37.87 -0.47 0.00	41.56 -0.59 0.00	41.67 -0.61 0.00	40.58 -0.67 0.00	41.54 -0.68 0.00	32.48 -0.47 0.00	31.02 -0.41 0.00

NM_FRONTIER___DRP 24179	40.84 -0.84 0.00	33.84 -0.57 0.00	25.00 -0.62 0.00	33.74 -0.52 0.00	30.48 -0.66 0.00	31.24 -0.85 0.00	35.31 -1.88 0.00	39.06 -2.39 0.00	36.54 -1.93 0.00	36.64 -1.26 0.00	33.49 -0.28 0.00	31.78 -0.21 0.00	30.46 -0.12 0.00	32.03 -0.39 0.00	30.53 -0.18 0.00	27.37 -0.45 0.00	32.67 -1.86 0.00	36.12 -2.22 0.00	39.30 -2.85 0.00	39.19 -3.09 0.00	37.87 -3.38 0.00	39.01 -3.21 0.00	31.07 -1.88 0.00	30.51 -0.91 0.00
NM_ST_REGIS___HYD 24053	42.42 0.74 0.00	34.99 0.58 0.00	25.99 0.36 0.00	34.89 0.63 0.00	31.76 0.62 0.00	32.61 0.52 0.00	38.17 0.99 0.00	42.80 1.35 0.00	39.68 1.22 0.00	38.97 1.08 0.00	34.70 0.93 0.00	32.80 0.80 0.00	31.32 0.74 0.00	33.18 0.76 0.00	31.41 0.69 0.00	28.39 0.58 0.00	35.24 0.70 0.00	39.37 1.03 0.00	43.82 1.66 0.00	44.01 1.72 0.00	42.82 1.57 0.00	43.78 1.56 0.00	33.98 1.03 0.00	32.29 0.87 0.00
NORTHPORT___1 23551	43.02 1.33 0.00	35.50 1.09 0.00	26.46 0.83 0.00	35.32 1.05 0.00	32.14 1.01 0.00	32.99 0.90 0.00	38.14 0.95 0.00	42.19 0.74 0.00	39.60 1.13 0.00	39.13 1.24 0.00	35.11 1.34 0.00	33.39 1.39 0.00	31.48 0.91 0.00	33.66 1.24 0.00	31.63 0.91 0.00	28.38 0.57 0.00	35.18 0.64 0.00	38.93 0.59 0.00	42.75 0.60 0.00	42.81 0.54 0.00	41.97 0.72 0.00	42.92 0.70 0.00	33.77 0.82 0.00	32.21 0.79 0.00
NORTHPORT___2 23552	43.02 1.33 0.00	35.50 1.09 0.00	26.46 0.83 0.00	35.32 1.05 0.00	32.14 1.01 0.00	32.99 0.90 0.00	38.14 0.95 0.00	42.19 0.74 0.00	39.60 1.13 0.00	39.13 1.24 0.00	35.11 1.34 0.00	33.39 1.39 0.00	31.48 0.91 0.00	33.66 1.24 0.00	31.63 0.91 0.00	28.38 0.57 0.00	35.18 0.64 0.00	38.93 0.59 0.00	42.75 0.60 0.00	42.81 0.54 0.00	41.97 0.72 0.00	42.92 0.70 0.00	33.77 0.82 0.00	32.21 0.79 0.00
NORTHPORT___3 23553	42.67 0.99 0.00	35.22 0.81 0.00	26.27 0.64 0.00	35.02 0.75 0.00	31.87 0.74 0.00	32.72 0.63 0.00	37.83 0.65 0.00	41.86 0.40 0.00	39.28 0.81 0.00	38.81 0.92 0.00	34.84 1.07 0.00	33.17 1.17 0.00	31.27 0.69 0.00	33.41 0.99 0.00	31.42 0.70 0.00	28.15 0.35 0.00	34.91 0.37 0.00	38.63 0.29 0.00	42.43 0.28 0.00	42.52 0.24 0.00	40.49 0.41 1.17	38.39 0.44 4.28	33.54 0.59 0.00	32.01 0.58 0.00
NORTHPORT___4 23650	42.67 0.99 0.00	35.22 0.81 0.00	26.27 0.64 0.00	35.02 0.75 0.00	31.87 0.74 0.00	32.72 0.63 0.00	37.83 0.65 0.00	41.86 0.40 0.00	39.28 0.81 0.00	38.81 0.92 0.00	34.84 1.07 0.00	33.17 1.17 0.00	31.27 0.69 0.00	33.41 0.99 0.00	31.42 0.70 0.00	28.15 0.35 0.00	34.91 0.37 0.00	38.63 0.29 0.00	42.43 0.28 0.00	42.52 0.24 0.00	40.49 0.41 1.17	38.39 0.44 4.28	33.54 0.59 0.00	32.01 0.58 0.00
NORTHPORT___IC 23718	43.02 1.33 0.00	35.50 1.09 0.00	26.46 0.83 0.00	35.32 1.05 0.00	32.15 1.01 0.00	33.00 0.91 0.00	38.14 0.95 0.00	42.19 0.74 0.00	39.59 1.12 0.00	39.13 1.24 0.00	35.11 1.34 0.00	33.39 1.39 0.00	31.48 0.91 0.00	33.66 1.24 0.00	31.63 0.91 0.00	28.38 0.57 0.00	35.18 0.64 0.00	38.93 0.59 0.00	42.75 0.60 0.00	42.81 0.53 0.00	41.97 0.72 0.00	42.92 0.70 0.00	33.77 0.82 0.00	32.21 0.79 0.00
NORTH___COUNTRY_ESR 323785	41.46 -0.22 0.00	34.13 -0.28 0.00	25.44 -0.19 0.00	34.19 -0.07 0.00	31.25 0.11 0.00	32.17 0.08 0.00	37.49 0.30 0.00	42.10 0.65 0.00	39.22 0.76 0.00	38.72 0.83 0.00	34.52 0.75 0.00	32.73 0.73 0.00	31.22 0.65 0.00	33.13 0.70 0.00	31.34 0.63 0.00	28.33 0.52 0.00	35.07 0.53 0.00	38.91 0.56 0.00	42.97 0.82 0.00	43.08 0.80 0.00	41.96 0.71 0.00	42.89 0.67 0.00	33.39 0.44 0.00	31.80 0.37 0.00
NPX_GEN_1385_PROXY 323591	42.78 1.10 0.00	35.33 0.92 0.00	26.42 0.79 0.00	35.15 0.88 0.00	32.09 0.96 0.00	31.55 0.77 1.31	38.12 0.93 0.00	42.37 0.68 -0.24	39.51 1.04 0.00	38.95 1.06 0.00	34.92 1.15 0.00	33.00 1.00 0.00	31.02 0.45 0.00	33.26 0.84 0.00	31.26 0.54 0.00	27.52 0.43 0.72	32.13 0.61 3.02	38.97 0.63 0.00	42.77 0.62 0.00	42.51 0.23 0.00	41.80 0.54 0.00	42.79 0.57 0.00	33.38 0.56 0.12	31.95 0.52 0.00
NPX_GEN_CSC 323557	42.82 1.14 0.00	35.41 1.00 0.00	26.41 0.78 0.00	35.29 1.03 0.00	32.12 0.99 0.00	31.71 0.93 1.31	38.25 1.06 0.00	42.57 0.87 -0.24	39.72 1.25 0.00	39.19 1.29 0.00	35.15 1.38 0.00	33.43 1.43 0.00	31.48 0.91 0.00	33.80 1.38 0.00	31.66 0.94 0.00	27.70 0.60 0.72	32.31 0.79 3.02	39.10 0.76 0.00	42.88 0.72 0.00	42.98 0.69 -0.01	64.67 0.92 -22.49	125.59 0.93 -82.45	33.78 0.95 0.12	32.20 0.78 0.00
NSINS_S_GLNS_FALLS 23858	43.30 1.62 0.00	35.62 1.21 0.00	26.64 1.01 0.00	35.53 1.27 0.00	32.30 1.16 0.00	33.37 1.29 0.00	38.77 1.58 0.00	43.33 1.88 0.00	39.90 1.43 0.00	38.79 0.90 0.00	34.19 0.43 0.00	32.33 0.33 0.00	30.87 0.29 0.00	32.77 0.35 0.00	31.16 0.44 0.00	28.31 0.50 0.00	35.77 1.24 0.00	39.87 1.53 0.00	43.96 1.81 0.00	44.15 1.88 0.00	43.19 1.95 0.00	44.09 1.87 0.00	34.34 1.39 0.00	32.64 1.21 0.00
NUCOR_STEEL___DRP 24197	41.90 0.22 0.00	34.64 0.23 0.00	25.64 0.01 0.00	34.42 0.16 0.00	31.25 0.12 0.00	32.25 0.16 0.00	37.31 0.12 0.00	41.51 0.06 0.00	38.25 -0.21 0.00	37.64 -0.26 0.00	33.75 -0.01 0.00	32.00 0.00 0.00	30.60 0.02 0.00	32.33 -0.09 0.00	30.76 0.05 0.00	27.90 0.09 0.00	34.59 0.06 0.00	38.53 0.19 0.00	42.28 0.13 0.00	42.18 -0.10 0.00	41.18 -0.07 0.00	42.11 -0.11 0.00	32.92 -0.03 0.00	31.50 0.07 0.00
NUMBER_THREE_WT_PWR 323818	41.51 -0.17 0.00	34.31 -0.10 0.00	25.40 -0.23 0.00	34.12 -0.14 0.00	31.36 0.22 0.00	32.50 0.41 0.00	37.84 0.65 0.00	42.39 0.94 0.00	39.05 0.59 0.00	38.43 0.54 0.00	34.13 0.36 0.00	31.99 -0.01 0.00	30.62 0.05 0.00	32.20 -0.22 0.00	30.67 -0.05 0.00	27.87 0.06 0.00	35.01 0.48 0.00	39.52 1.18 0.00	43.94 1.79 0.00	44.14 1.86 0.00	42.94 1.69 0.00	43.88 1.66 0.00	34.04 1.09 0.00	32.08 0.65 0.00
NYISO_LBMP_REFERENCE 24008	41.68 0.00 0.00	34.41 0.00 0.00	25.63 0.00 0.00	34.27 0.00 0.00	31.13 0.00 0.00	32.09 0.00 0.00	37.19 0.00 0.00	41.45 0.00 0.00	38.47 0.00 0.00	37.89 0.00 0.00	33.77 0.00 0.00	32.00 0.00 0.00	30.58 0.00 0.00	32.42 0.00 0.00	30.72 0.00 0.00	27.81 0.00 0.00	34.54 0.00 0.00	38.34 0.00 0.00	42.15 0.00 0.00	42.28 0.00 0.00	41.25 0.00 0.00	42.22 0.00 0.00	32.95 0.00 0.00	31.43 0.00 0.00
NYPA_BRENTWD____GT 24164	43.36 1.68 0.00	35.76 1.35 0.00	26.65 1.02 0.00	35.54 1.27 0.00	32.35 1.21 0.00	33.24 1.16 0.00	38.45 1.26 0.00	42.59 1.14 0.00	39.98 1.52 0.00	39.53 1.64 0.00	35.41 1.64 0.00	33.64 1.64 0.00	31.76 1.19 0.00	33.97 1.54 0.00	32.00 1.28 0.00	28.71 0.90 0.00	35.59 1.06 0.00	39.40 1.06 0.00	43.24 1.09 0.00	43.33 1.05 0.00	44.75 1.24 -2.25	51.62 1.14 -8.26	34.11 1.17 0.00	32.51 1.09 0.00

NYPA_GOWANUS____GT5 24156	42.98 1.30 0.00	35.48 1.07 0.00	26.49 0.86 0.00	35.28 1.02 0.00	32.08 0.95 0.00	33.21 1.12 0.00	38.53 1.34 0.00	42.69 1.24 0.00	40.04 1.57 0.00	39.46 1.57 0.00	35.27 1.50 0.00	33.48 1.49 0.00	31.97 1.39 0.00	33.93 1.50 0.00	32.05 1.33 0.00	28.97 1.16 0.00	35.77 1.23 0.00	39.40 1.06 0.00	43.34 1.18 0.00	43.52 1.24 0.00	42.46 1.21 0.00	43.50 1.28 0.00	34.27 1.32 0.00	32.66 1.24 0.00
NYPA_GOWANUS____GT6 24157	42.98 1.30 0.00	35.48 1.07 0.00	26.49 0.86 0.00	35.28 1.02 0.00	32.08 0.95 0.00	33.21 1.12 0.00	38.53 1.34 0.00	42.69 1.24 0.00	40.04 1.57 0.00	39.46 1.57 0.00	35.27 1.50 0.00	33.48 1.49 0.00	31.97 1.39 0.00	33.93 1.50 0.00	32.05 1.33 0.00	28.97 1.16 0.00	35.77 1.23 0.00	39.40 1.06 0.00	43.34 1.18 0.00	43.52 1.24 0.00	42.46 1.21 0.00	43.50 1.28 0.00	34.27 1.32 0.00	32.66 1.24 0.00
NYPA_HARLEM__RVR__GT1 24160	42.83 1.15 0.00	35.24 0.84 0.01	26.33 0.70 0.01	35.03 0.78 0.01	31.89 0.77 0.01	33.11 1.02 0.00	38.52 1.33 0.00	42.70 1.25 0.00	39.99 1.53 0.00	39.35 1.46 0.00	35.15 1.39 0.00	33.38 1.38 0.00	31.89 1.31 0.00	33.83 1.41 0.00	31.96 1.25 0.00	28.89 1.08 0.00	35.73 1.20 0.00	39.33 0.99 0.00	43.28 1.13 0.00	43.48 1.20 0.00	42.41 1.16 0.00	43.48 1.26 0.00	34.21 1.27 0.00	32.58 1.15 0.00
NYPA_HARLEM__RVR__GT2 24161	42.83 1.15 0.00	35.24 0.84 0.01	26.33 0.70 0.01	35.03 0.78 0.01	31.89 0.77 0.01	33.11 1.02 0.00	38.52 1.33 0.00	42.70 1.25 0.00	39.99 1.53 0.00	39.35 1.46 0.00	35.15 1.39 0.00	33.38 1.38 0.00	31.89 1.31 0.00	33.83 1.41 0.00	31.96 1.25 0.00	28.89 1.08 0.00	35.73 1.20 0.00	39.33 0.99 0.00	43.28 1.13 0.00	43.48 1.20 0.00	42.41 1.16 0.00	43.48 1.26 0.00	34.21 1.27 0.00	32.58 1.15 0.00
NYPA_KENT____GT 24152	43.05 1.37 0.00	35.51 1.10 0.00	26.51 0.88 0.00	35.32 1.06 0.00	32.11 0.98 0.00	33.24 1.15 0.00	38.57 1.38 0.00	42.75 1.29 0.00	40.07 1.60 0.00	39.49 1.60 0.00	35.29 1.52 0.00	33.52 1.52 0.00	32.00 1.43 0.00	33.96 1.54 0.00	32.09 1.37 0.00	29.01 1.20 0.00	35.82 1.29 0.00	39.47 1.13 0.00	43.39 1.23 0.00	43.56 1.27 0.00	42.49 1.25 0.00	43.54 1.32 0.00	34.29 1.34 0.00	32.68 1.25 0.00
NYPA_POUCH1____GT 24155	42.88 1.21 0.00	35.45 1.04 0.00	26.49 0.86 0.00	35.30 1.03 0.00	32.10 0.96 0.00	33.22 1.13 0.00	38.54 1.35 0.00	42.66 1.21 0.00	40.04 1.58 0.00	39.44 1.55 0.00	35.24 1.48 0.00	33.42 1.42 0.00	31.88 1.31 0.00	33.83 1.40 0.00	31.95 1.24 0.00	28.90 1.09 0.00	35.65 1.11 0.00	39.25 0.90 0.00	43.17 1.02 0.00	43.37 1.09 0.00	42.33 1.08 0.00	43.36 1.14 0.00	34.20 1.26 0.00	32.62 1.20 0.00
NYPA_VERNON____GT2 24162	43.11 1.43 0.00	35.54 1.13 0.00	26.53 0.90 0.00	35.36 1.09 0.00	32.14 1.01 0.00	33.27 1.18 0.00	38.61 1.42 0.00	42.80 1.35 0.00	40.10 1.64 0.00	39.51 1.62 0.00	35.30 1.54 0.00	33.55 1.55 0.00	32.04 1.47 0.00	34.01 1.58 0.00	32.12 1.41 0.00	29.04 1.23 0.00	35.88 1.34 0.00	39.53 1.19 0.00	43.43 1.27 0.00	43.59 1.31 0.00	42.53 1.28 0.00	43.58 1.36 0.00	34.30 1.35 0.00	32.69 1.27 0.00
NYPA_VERNON____GT3 24163	43.11 1.43 0.00	35.54 1.13 0.00	26.53 0.90 0.00	35.36 1.09 0.00	32.14 1.01 0.00	33.27 1.18 0.00	38.61 1.42 0.00	42.80 1.35 0.00	40.10 1.64 0.00	39.51 1.62 0.00	35.30 1.54 0.00	33.55 1.55 0.00	32.04 1.47 0.00	34.01 1.58 0.00	32.12 1.41 0.00	29.04 1.23 0.00	35.88 1.34 0.00	39.53 1.19 0.00	43.43 1.27 0.00	43.59 1.31 0.00	42.53 1.28 0.00	43.58 1.36 0.00	34.30 1.35 0.00	32.69 1.27 0.00
NYPA____ASTORIA_CC1 323568	43.08 1.40 0.00	35.50 1.09 0.00	26.51 0.88 0.00	35.32 1.05 0.00	32.11 0.98 0.00	33.25 1.16 0.00	38.60 1.41 0.00	42.78 1.33 0.00	40.08 1.62 0.00	39.49 1.60 0.00	35.30 1.53 0.00	33.52 1.52 0.00	32.03 1.45 0.00	33.98 1.56 0.00	32.10 1.38 0.00	29.02 1.21 0.00	35.84 1.31 0.00	39.49 1.15 0.00	43.38 1.22 0.00	43.54 1.26 0.00	42.48 1.23 0.00	43.54 1.32 0.00	34.28 1.33 0.00	32.67 1.25 0.00
NYPA____ASTORIA_CC2 323569	43.08 1.40 0.00	35.50 1.09 0.00	26.51 0.88 0.00	35.32 1.05 0.00	32.11 0.98 0.00	33.25 1.16 0.00	38.60 1.41 0.00	42.78 1.33 0.00	40.08 1.62 0.00	39.49 1.60 0.00	35.30 1.53 0.00	33.52 1.52 0.00	32.03 1.45 0.00	33.98 1.56 0.00	32.10 1.38 0.00	29.02 1.21 0.00	35.84 1.31 0.00	39.49 1.15 0.00	43.38 1.22 0.00	43.54 1.26 0.00	42.48 1.23 0.00	43.54 1.32 0.00	34.28 1.33 0.00	32.67 1.25 0.00
NYPA____HOLTSVILL 23794	43.08 1.40 0.00	35.60 1.19 0.00	26.54 0.91 0.00	35.44 1.18 0.00	32.25 1.12 0.00	33.15 1.06 0.00	38.38 1.19 0.00	42.50 1.04 0.00	39.87 1.40 0.00	39.37 1.48 0.00	35.31 1.54 0.00	33.56 1.57 0.00	31.63 1.06 0.00	33.89 1.47 0.00	31.83 1.12 0.00	28.58 0.77 0.00	35.48 0.95 0.00	39.28 0.94 0.00	43.06 0.91 0.00	43.18 0.88 -0.01	64.89 1.13 -22.52	125.87 1.11 -82.54	34.04 1.09 0.00	32.39 0.97 0.00
NYPA____HELLGATE_GT1 24158	37.56 1.02 5.14	35.24 0.84 0.01	26.31 0.69 0.01	34.60 0.57 0.24	31.89 0.77 0.01	33.11 1.02 0.00	38.52 1.33 0.00	42.42 0.96 0.00	39.74 1.27 0.00	39.26 1.37 0.00	35.15 1.39 0.00	33.38 1.38 0.00	31.89 1.31 0.00	33.83 1.41 0.00	31.96 1.25 0.00	28.89 1.08 0.00	35.74 1.20 0.00	39.41 1.07 0.00	43.34 1.19 0.00	43.56 1.28 0.00	42.48 1.23 0.00	43.52 1.30 0.00	34.21 1.27 0.00	32.58 1.15 0.00
NYPA____HELLGATE_GT2 24159	37.56 1.02 5.14	35.24 0.84 0.01	26.31 0.69 0.01	34.60 0.57 0.24	31.89 0.77 0.01	33.11 1.02 0.00	38.52 1.33 0.00	42.42 0.96 0.00	39.74 1.27 0.00	39.26 1.37 0.00	35.15 1.39 0.00	33.38 1.38 0.00	31.89 1.31 0.00	33.83 1.41 0.00	31.96 1.25 0.00	28.89 1.08 0.00	35.74 1.20 0.00	39.41 1.07 0.00	43.34 1.19 0.00	43.56 1.28 0.00	42.48 1.23 0.00	43.52 1.30 0.00	34.21 1.27 0.00	32.58 1.15 0.00
NYS_BARGE____HYD 23848	41.14 -0.54 0.00	34.08 -0.33 0.00	25.19 -0.44 0.00	33.96 -0.30 0.00	30.72 -0.41 0.00	31.51 -0.58 0.00	35.85 -1.33 0.00	39.61 -1.85 0.00	37.06 -1.41 0.00	37.13 -0.77 0.00	33.73 -0.04 0.00	32.01 0.02 0.00	30.66 0.08 0.00	32.25 -0.17 0.00	30.73 0.01 0.00	27.58 -0.23 0.00	33.10 -1.43 0.00	36.69 -1.65 0.00	39.93 -2.23 0.00	39.83 -2.45 0.00	38.50 -2.75 0.00	39.64 -2.58 0.00	31.39 -1.56 0.00	30.80 -0.62 0.00
OAK ORCHARD____HYD 24046	41.62 -0.06 0.00	34.41 0.00 0.00	25.52 -0.11 0.00	34.25 -0.01 0.00	31.03 -0.10 0.00	31.93 -0.16 0.00	36.71 -0.48 0.00	40.82 -0.63 0.00	38.02 -0.45 0.00	37.75 -0.14 0.00	33.98 0.21 0.00	32.22 0.23 0.00	30.85 0.28 0.00	32.58 0.16 0.00	30.96 0.24 0.00	27.92 0.11 0.00	34.19 -0.35 0.00	37.95 -0.40 0.00	41.53 -0.63 0.00	41.53 -0.75 0.00	40.30 -0.95 0.00	41.31 -0.91 0.00	32.39 -0.56 0.00	31.23 -0.19 0.00

OAKDALE___35_KV_LOAD 356122	41.54 -0.14 0.00	34.38 -0.03 0.00	25.59 -0.04 0.00	34.26 -0.01 0.00	31.04 -0.10 0.00	32.02 -0.07 0.00	37.13 -0.06 0.00	41.33 -0.13 0.00	38.29 -0.18 0.00	37.84 -0.05 0.00	33.76 -0.01 0.00	32.02 0.02 0.00	30.53 -0.05 0.00	32.28 -0.14 0.00	30.63 -0.09 0.00	27.74 -0.07 0.00	34.38 -0.16 0.00	38.34 0.00 0.00	41.96 -0.19 0.00	42.05 -0.23 0.00	40.93 -0.32 0.00	41.95 -0.27 0.00	32.74 -0.20 0.00	31.36 -0.06 0.00
OCC_CHEM___DRP 24175	40.89 -0.79 0.00	33.88 -0.53 0.00	25.04 -0.59 0.00	33.79 -0.48 0.00	30.51 -0.62 0.00	31.29 -0.80 0.00	35.37 -1.81 0.00	39.13 -2.33 0.00	36.61 -1.86 0.00	36.71 -1.18 0.00	33.55 -0.22 0.00	31.83 -0.17 0.00	30.50 -0.08 0.00	32.08 -0.34 0.00	30.58 -0.14 0.00	27.40 -0.41 0.00	32.73 -1.80 0.00	36.19 -2.16 0.00	39.36 -2.79 0.00	39.27 -3.01 0.00	37.93 -3.32 0.00	39.09 -3.13 0.00	31.11 -1.84 0.00	30.54 -0.88 0.00
OH_GEN_PROXY 24063	40.87 -0.81 0.00	33.87 -0.54 0.00	25.05 -0.57 0.00	33.79 -0.47 0.00	30.54 -0.60 0.00	30.02 -0.76 1.31	35.64 -1.55 0.00	39.73 -1.96 -0.24	36.89 -1.57 0.00	36.95 -0.95 0.00	33.55 -0.21 0.00	31.84 -0.15 0.00	30.50 -0.07 0.00	32.07 -0.35 0.00	30.56 -0.16 0.00	26.70 -0.40 0.72	29.94 -1.58 3.02	36.52 -1.83 0.00	39.74 -2.41 0.00	39.65 -2.63 0.00	38.34 -2.91 0.00	39.46 -2.76 0.00	31.11 -1.72 0.12	30.58 -0.85 0.00
OLIN_CORP_DRP 24177	40.78 -0.90 0.00	33.79 -0.62 0.00	24.96 -0.66 0.00	33.66 -0.60 0.00	30.45 -0.69 0.00	31.20 -0.89 0.00	35.49 -1.69 0.00	39.12 -2.33 0.00	36.63 -1.84 0.00	36.68 -1.21 0.00	33.35 -0.42 0.00	31.65 -0.34 0.00	30.33 -0.25 0.00	31.90 -0.52 0.00	30.39 -0.32 0.00	27.27 -0.55 0.00	32.68 -1.85 0.00	36.18 -2.16 0.00	39.36 -2.79 0.00	39.27 -3.01 0.00	37.94 -3.31 0.00	39.11 -3.11 0.00	31.00 -1.95 0.00	30.48 -0.94 0.00
OLIN_CORP_DSASP 323712	40.89 -0.79 0.00	33.88 -0.53 0.00	25.04 -0.59 0.00	33.79 -0.48 0.00	30.52 -0.61 0.00	31.30 -0.78 0.00	35.37 -1.82 0.00	39.14 -2.31 0.00	36.59 -1.88 0.00	36.71 -1.18 0.00	33.55 -0.22 0.00	31.83 -0.17 0.00	30.50 -0.08 0.00	32.08 -0.34 0.00	30.58 -0.14 0.00	27.40 -0.41 0.00	32.73 -1.81 0.00	36.19 -2.16 0.00	39.36 -2.79 0.00	39.27 -3.01 0.00	37.94 -3.31 0.00	39.09 -3.14 0.00	31.11 -1.84 0.00	30.54 -0.88 0.00
ONEIDA_HERK_LFGE 323681	42.07 0.39 0.00	34.74 0.33 0.00	25.82 0.19 0.00	34.58 0.32 0.00	31.57 0.44 0.00	32.65 0.56 0.00	37.92 0.73 0.00	42.36 0.91 0.00	39.12 0.65 0.00	38.43 0.53 0.00	34.17 0.40 0.00	32.21 0.21 0.00	30.78 0.20 0.00	32.52 0.09 0.00	30.88 0.17 0.00	28.03 0.22 0.00	35.06 0.52 0.00	39.37 1.03 0.00	43.48 1.32 0.00	43.64 1.36 0.00	42.50 1.25 0.00	43.43 1.21 0.00	33.79 0.84 0.00	32.00 0.57 0.00
ONEIDA___115KV_TB4 55905	42.31 0.63 0.00	34.92 0.51 0.00	25.99 0.37 0.00	34.78 0.51 0.00	31.63 0.50 0.00	32.67 0.58 0.00	37.89 0.70 0.00	42.24 0.79 0.00	39.04 0.57 0.00	38.25 0.36 0.00	34.07 0.30 0.00	32.20 0.21 0.00	30.73 0.16 0.00	32.56 0.14 0.00	30.90 0.18 0.00	28.02 0.21 0.00	34.95 0.41 0.00	39.25 0.90 0.00	43.21 1.06 0.00	43.34 1.06 0.00	42.18 0.93 0.00	43.13 0.91 0.00	33.61 0.66 0.00	31.94 0.52 0.00
ONONDAGA_REF_OCCRA 23987	41.54 -0.14 0.00	34.31 -0.10 0.00	25.53 -0.10 0.00	34.15 -0.12 0.00	30.99 -0.14 0.00	31.96 -0.13 0.00	36.97 -0.22 0.00	41.12 -0.33 0.00	38.11 -0.36 0.00	37.49 -0.40 0.00	33.46 -0.31 0.00	31.73 -0.27 0.00	30.31 -0.27 0.00	32.12 -0.30 0.00	30.48 -0.24 0.00	27.61 -0.20 0.00	34.27 -0.26 0.00	38.14 -0.20 0.00	41.87 -0.28 0.00	41.97 -0.31 0.00	40.88 -0.38 0.00	41.83 -0.39 0.00	32.69 -0.26 0.00	31.21 -0.21 0.00
ONONDAGA___COGEN 23986	41.52 -0.16 0.00	34.31 -0.10 0.00	25.51 -0.12 0.00	34.14 -0.13 0.00	30.99 -0.15 0.00	31.96 -0.13 0.00	36.96 -0.23 0.00	41.10 -0.35 0.00	38.06 -0.41 0.00	37.46 -0.43 0.00	33.46 -0.31 0.00	31.73 -0.27 0.00	30.33 -0.25 0.00	32.13 -0.30 0.00	30.48 -0.23 0.00	27.61 -0.20 0.00	34.28 -0.26 0.00	38.14 -0.20 0.00	41.85 -0.30 0.00	41.93 -0.35 0.00	40.86 -0.39 0.00	41.81 -0.41 0.00	32.66 -0.29 0.00	31.20 -0.23 0.00
ONTARIO___LFGE 23819	41.54 -0.14 0.00	34.44 0.03 0.00	25.59 -0.04 0.00	34.27 0.01 0.00	31.08 -0.05 0.00	32.06 -0.03 0.00	37.09 -0.10 0.00	41.16 -0.30 0.00	38.24 -0.22 0.00	37.79 -0.10 0.00	33.95 0.18 0.00	32.19 0.19 0.00	30.77 0.19 0.00	32.56 0.14 0.00	30.96 0.24 0.00	28.05 0.24 0.00	34.47 0.06 0.00	38.42 0.08 0.00	42.04 -0.11 0.00	42.04 -0.24 0.00	40.83 -0.42 0.00	41.79 -0.43 0.00	32.72 -0.23 0.00	31.43 0.00 0.00
ORANGEVILLE_WT_PWR 323706	40.26 -1.42 0.00	33.38 -1.03 0.00	24.69 -0.94 0.00	33.27 -1.00 0.00	30.16 -0.97 0.00	31.09 -0.99 0.00	35.71 -1.48 0.00	39.61 -1.84 0.00	37.01 -1.46 0.00	37.02 -0.87 0.00	33.46 -0.31 0.00	31.77 -0.23 0.00	30.45 -0.13 0.00	32.05 -0.37 0.00	30.57 -0.15 0.00	27.62 -0.18 0.00	33.59 -0.94 0.00	37.35 -1.00 0.00	40.52 -1.63 0.00	40.16 -2.12 0.00	38.86 -2.39 0.00	39.83 -2.39 0.00	31.37 -1.57 0.00	30.46 -0.96 0.00
ORANGEVILLE___ESR 323794	40.26 -1.42 0.00	33.38 -1.03 0.00	24.69 -0.94 0.00	33.27 -1.00 0.00	30.16 -0.97 0.00	31.09 -0.99 0.00	35.71 -1.48 0.00	39.61 -1.84 0.00	37.01 -1.46 0.00	37.02 -0.87 0.00	33.46 -0.31 0.00	31.77 -0.23 0.00	30.45 -0.13 0.00	32.05 -0.37 0.00	30.57 -0.15 0.00	27.62 -0.18 0.00	33.59 -0.94 0.00	37.35 -1.00 0.00	40.52 -1.63 0.00	40.16 -2.12 0.00	38.86 -2.39 0.00	39.83 -2.39 0.00	31.37 -1.57 0.00	30.46 -0.96 0.00
OSWEGATCHIE___HYD 24044	42.05 0.37 0.00	34.73 0.32 0.00	25.76 0.13 0.00	34.57 0.31 0.00	31.59 0.46 0.00	32.53 0.44 0.00	37.99 0.80 0.00	42.56 1.11 0.00	39.30 0.84 0.00	38.61 0.72 0.00	34.34 0.57 0.00	32.27 0.28 0.00	30.89 0.31 0.00	32.61 0.18 0.00	30.92 0.21 0.00	28.00 0.19 0.00	35.03 0.49 0.00	39.39 1.05 0.00	43.85 1.70 0.00	44.05 1.77 0.00	42.87 1.62 0.00	43.86 1.64 0.00	34.00 1.05 0.00	32.15 0.73 0.00
OSWEGO___5 23606	40.89 -0.79 0.00	33.78 -0.64 0.00	25.13 -0.50 0.00	33.62 -0.64 0.00	30.52 -0.61 0.00	31.46 -0.63 0.00	36.35 -0.84 0.00	40.44 -1.01 0.00	37.52 -0.95 0.00	36.95 -0.94 0.00	32.99 -0.78 0.00	31.26 -0.74 0.00	29.88 -0.70 0.00	31.66 -0.76 0.00	30.02 -0.69 0.00	27.19 -0.63 0.00	33.72 -0.82 0.00	37.48 -0.86 0.00	41.15 -1.00 0.00	41.25 -1.03 0.00	40.21 -1.04 0.00	41.16 -1.06 0.00	32.15 -0.80 0.00	30.70 -0.72 0.00
OSWEGO___6 23613	40.89 -0.79 0.00	33.78 -0.64 0.00	25.13 -0.50 0.00	33.62 -0.64 0.00	30.52 -0.61 0.00	31.46 -0.63 0.00	36.35 -0.84 0.00	40.44 -1.01 0.00	37.52 -0.95 0.00	36.95 -0.94 0.00	32.99 -0.78 0.00	31.26 -0.74 0.00	29.88 -0.70 0.00	31.66 -0.76 0.00	30.02 -0.69 0.00	27.19 -0.63 0.00	33.72 -0.82 0.00	37.48 -0.86 0.00	41.15 -1.00 0.00	41.25 -1.03 0.00	40.21 -1.04 0.00	41.16 -1.06 0.00	32.15 -0.80 0.00	30.70 -0.72 0.00

OUTOKUMPU-AB___DRP 24206	41.35 -0.34 0.00	34.25 -0.17 0.00	25.30 -0.33 0.00	34.13 -0.14 0.00	30.84 -0.29 0.00	31.63 -0.46 0.00	35.97 -1.22 0.00	39.82 -1.64 0.00	37.24 -1.22 0.00	37.33 -0.57 0.00	33.98 0.21 0.00	32.24 0.24 0.00	30.87 0.30 0.00	32.48 0.06 0.00	30.97 0.26 0.00	27.78 -0.03 0.00	33.34 -1.20 0.00	36.93 -1.42 0.00	40.18 -1.97 0.00	40.07 -2.21 0.00	38.72 -2.53 0.00	39.86 -2.36 0.00	31.59 -1.36 0.00	30.96 -0.46 0.00
OXBOW___BTM 323836	41.09 -0.59 0.00	34.04 -0.37 0.00	25.15 -0.48 0.00	33.93 -0.34 0.00	30.66 -0.48 0.00	31.45 -0.64 0.00	35.63 -1.56 0.00	39.44 -2.01 0.00	36.87 -1.59 0.00	37.00 -0.89 0.00	33.74 -0.02 0.00	32.02 0.02 0.00	30.68 0.10 0.00	32.26 -0.16 0.00	30.76 0.04 0.00	27.58 -0.23 0.00	33.01 -1.52 0.00	36.54 -1.80 0.00	39.76 -2.40 0.00	39.65 -2.64 0.00	38.31 -2.94 0.00	39.45 -2.77 0.00	31.32 -1.62 0.00	30.73 -0.70 0.00
OXBOW___ 24026	41.09 -0.59 0.00	34.04 -0.37 0.00	25.14 -0.48 0.00	33.93 -0.34 0.00	30.65 -0.48 0.00	31.44 -0.66 0.00	35.64 -1.55 0.00	39.44 -2.02 0.00	36.90 -1.57 0.00	37.00 -0.89 0.00	33.74 -0.03 0.00	32.02 0.02 0.00	30.68 0.10 0.00	32.26 -0.16 0.00	30.76 0.04 0.00	27.58 -0.23 0.00	33.01 -1.52 0.00	36.54 -1.80 0.00	39.75 -2.40 0.00	39.64 -2.64 0.00	38.31 -2.95 0.00	39.45 -2.78 0.00	31.32 -1.63 0.00	30.73 -0.70 0.00
OXY_CHEM_DSASP 323612	40.89 -0.79 0.00	33.88 -0.53 0.00	25.04 -0.59 0.00	33.79 -0.48 0.00	30.51 -0.62 0.00	31.29 -0.80 0.00	35.37 -1.81 0.00	39.13 -2.33 0.00	36.61 -1.86 0.00	36.71 -1.18 0.00	33.55 -0.22 0.00	31.83 -0.17 0.00	30.50 -0.08 0.00	32.08 -0.34 0.00	30.58 -0.14 0.00	27.40 -0.41 0.00	32.73 -1.80 0.00	36.19 -2.16 0.00	39.36 -2.79 0.00	39.27 -3.01 0.00	37.93 -3.32 0.00	39.09 -3.13 0.00	31.11 -1.84 0.00	30.54 -0.88 0.00
OZONE_PARK_ESR 323760	43.49 1.81 0.00	35.89 1.47 0.00	26.75 1.12 0.00	35.66 1.39 0.00	32.43 1.29 0.00	33.49 1.40 0.00	38.87 1.68 0.00	43.18 1.72 0.00	40.38 1.92 0.00	39.84 1.95 0.00	35.58 1.81 0.00	33.80 1.80 0.00	32.28 1.71 0.00	34.28 1.86 0.00	32.37 1.66 0.00	29.27 1.46 0.00	36.20 1.67 0.00	39.95 1.60 0.00	43.92 1.77 0.00	44.08 1.80 0.00	42.98 1.73 0.00	44.03 1.81 0.00	34.58 1.63 0.00	32.96 1.53 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	40.89 -0.79 0.00	33.88 -0.53 0.00	25.04 -0.59 0.00	33.79 -0.48 0.00	30.51 -0.62 0.00	31.29 -0.80 0.00	35.37 -1.81 0.00	39.13 -2.33 0.00	36.61 -1.86 0.00	36.71 -1.18 0.00	33.55 -0.22 0.00	31.83 -0.17 0.00	30.50 -0.08 0.00	32.08 -0.34 0.00	30.58 -0.14 0.00	27.40 -0.41 0.00	32.73 -1.80 0.00	36.19 -2.16 0.00	39.36 -2.79 0.00	39.27 -3.01 0.00	37.93 -3.32 0.00	39.09 -3.13 0.00	31.11 -1.84 0.00	30.54 -0.88 0.00
PACKARD___115KV_DUPONT_184 80571	40.89 -0.79 0.00	33.88 -0.53 0.00	25.04 -0.59 0.00	33.79 -0.48 0.00	30.51 -0.62 0.00	31.29 -0.80 0.00	35.37 -1.81 0.00	39.13 -2.33 0.00	36.61 -1.86 0.00	36.71 -1.18 0.00	33.55 -0.22 0.00	31.83 -0.17 0.00	30.50 -0.08 0.00	32.08 -0.34 0.00	30.58 -0.14 0.00	27.40 -0.41 0.00	32.73 -1.80 0.00	36.19 -2.16 0.00	39.36 -2.79 0.00	39.27 -3.01 0.00	37.93 -3.32 0.00	39.09 -3.13 0.00	31.11 -1.84 0.00	30.54 -0.88 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	42.96 1.28 0.00	35.31 0.89 0.00	26.35 0.72 0.00	35.11 0.85 0.00	31.93 0.79 0.00	33.15 1.07 0.00	38.57 1.38 0.00	42.82 1.37 0.00	40.08 1.61 0.00	39.43 1.54 0.00	35.22 1.45 0.00	33.42 1.43 0.00	31.92 1.34 0.00	33.87 1.44 0.00	31.98 1.27 0.00	28.92 1.11 0.00	35.76 1.23 0.00	39.44 1.10 0.00	43.37 1.22 0.00	43.57 1.29 0.00	42.50 1.25 0.00	43.55 1.33 0.00	34.23 1.28 0.00	32.59 1.16 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	43.69 2.01 0.00	35.95 1.54 0.00	26.80 1.18 0.00	35.73 1.46 0.00	32.42 1.29 0.00	33.67 1.58 0.00	39.22 2.03 0.00	43.57 2.12 0.00	40.80 2.33 0.00	40.12 2.23 0.00	35.87 2.10 0.00	34.06 2.06 0.00	32.53 1.95 0.00	34.49 2.07 0.00	32.61 1.89 0.00	29.48 1.67 0.00	36.42 1.88 0.00	40.17 1.83 0.00	44.17 2.02 0.00	44.38 2.10 0.00	43.25 2.00 0.00	44.32 2.10 0.00	34.83 1.89 0.00	33.19 1.76 0.00
PATROON___115KV_TB1 80586	41.96 0.28 0.00	34.62 0.21 0.00	25.88 0.26 0.00	34.44 0.18 0.00	31.35 0.21 0.00	32.41 0.32 0.00	37.59 0.41 0.00	41.99 0.53 0.00	38.92 0.46 0.00	38.16 0.27 0.00	33.81 0.05 0.00	32.00 0.01 0.00	30.65 0.07 0.00	32.52 0.09 0.00	30.85 0.13 0.00	27.99 0.18 0.00	35.00 0.46 0.00	38.72 0.38 0.00	42.52 0.37 0.00	42.65 0.38 0.00	41.73 0.48 0.00	42.69 0.47 0.00	33.39 0.44 0.00	31.79 0.36 0.00
PATTRSNVILLE___SOLAR 323815	42.51 0.82 0.00	35.08 0.67 0.00	26.13 0.51 0.00	34.91 0.64 0.00	31.71 0.58 0.00	32.77 0.68 0.00	38.00 0.81 0.00	42.36 0.90 0.00	38.94 0.48 0.00	38.00 0.11 0.00	33.76 -0.01 0.00	31.95 -0.04 0.00	30.57 -0.01 0.00	32.41 -0.01 0.00	30.71 -0.01 0.00	27.85 0.04 0.00	34.87 0.34 0.00	38.94 0.60 0.00	43.06 0.91 0.00	43.21 0.93 0.00	42.20 0.95 0.00	43.16 0.94 0.00	33.66 0.72 0.00	32.05 0.63 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	41.01 -0.67 0.00	34.01 -0.40 0.00	25.18 -0.45 0.00	33.95 -0.32 0.00	30.68 -0.45 0.00	31.52 -0.57 0.00	36.06 -1.13 0.00	40.03 -1.42 0.00	37.37 -1.10 0.00	37.45 -0.44 0.00	33.93 0.17 0.00	32.20 0.20 0.00	30.77 0.19 0.00	32.34 -0.08 0.00	30.84 0.12 0.00	27.69 -0.11 0.00	33.44 -1.10 0.00	37.15 -1.19 0.00	40.42 -1.73 0.00	40.30 -1.98 0.00	38.96 -2.29 0.00	40.04 -2.18 0.00	31.58 -1.37 0.00	30.88 -0.55 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	43.28 1.60 0.00	35.72 1.31 0.00	26.61 0.98 0.00	35.50 1.24 0.00	32.26 1.13 0.00	33.33 1.24 0.00	38.68 1.50 0.00	43.07 1.62 0.00	40.17 1.71 0.00	39.57 1.68 0.00	35.25 1.48 0.00	33.47 1.47 0.00	32.00 1.43 0.00	33.97 1.55 0.00	32.12 1.40 0.00	29.05 1.24 0.00	36.07 1.53 0.00	39.89 1.55 0.00	43.84 1.69 0.00	43.99 1.71 0.00	42.93 1.68 0.00	43.95 1.72 0.00	34.41 1.46 0.00	32.77 1.34 0.00
PEEKSKILL___ 23653	42.82 1.14 0.00	35.37 0.96 0.00	26.36 0.73 0.00	35.19 0.92 0.00	31.98 0.84 0.00	33.01 0.92 0.00	38.30 1.12 0.00	42.59 1.14 0.00	39.74 1.28 0.00	39.19 1.30 0.00	34.97 1.20 0.00	33.20 1.20 0.00	31.72 1.15 0.00	33.66 1.23 0.00	31.80 1.09 0.00	28.76 0.95 0.00	35.65 1.12 0.00	39.41 1.07 0.00	43.34 1.19 0.00	43.48 1.20 0.00	42.43 1.18 0.00	43.45 1.23 0.00	34.08 1.13 0.00	32.48 1.05 0.00
PGE MADISON___WINDPWR 24146	42.97 1.29 0.00	35.64 1.23 0.00	26.41 0.78 0.00	35.35 1.09 0.00	32.06 0.93 0.00	33.25 1.16 0.00	38.65 1.47 0.00	43.19 1.74 0.00	39.81 1.34 0.00	38.88 0.98 0.00	34.54 0.77 0.00	32.64 0.64 0.00	31.19 0.61 0.00	32.83 0.41 0.00	31.22 0.50 0.00	28.63 0.82 0.00	36.09 1.55 0.00	40.75 2.41 0.00	44.95 2.80 0.00	45.07 2.79 0.00	43.48 2.23 0.00	44.35 2.13 0.00	34.29 1.35 0.00	32.45 1.03 0.00

PIERCEFIELD___HYD 23852	42.48 0.80 0.00	35.07 0.66 0.00	26.03 0.40 0.00	34.93 0.66 0.00	31.77 0.64 0.00	32.57 0.48 0.00	38.16 0.97 0.00	42.75 1.30 0.00	39.58 1.12 0.00	38.85 0.96 0.00	34.60 0.83 0.00	32.68 0.69 0.00	31.23 0.66 0.00	33.08 0.65 0.00	31.32 0.60 0.00	28.32 0.51 0.00	35.17 0.63 0.00	39.33 0.99 0.00	43.80 1.65 0.00	43.99 1.71 0.00	42.80 1.55 0.00	43.77 1.55 0.00	33.97 1.02 0.00	32.27 0.84 0.00
PINELAWN_CC_1 323563	43.15 1.47 0.00	35.61 1.19 0.00	26.52 0.89 0.00	35.39 1.13 0.00	32.21 1.08 0.00	33.10 1.01 0.00	38.32 1.13 0.00	42.48 1.03 0.00	39.84 1.37 0.00	39.37 1.48 0.00	35.30 1.53 0.00	33.49 1.49 0.00	31.66 1.09 0.00	33.81 1.39 0.00	31.88 1.16 0.00	28.64 0.83 0.00	35.49 0.95 0.00	39.32 0.98 0.00	43.25 1.10 0.00	43.33 1.05 0.00	43.46 1.18 -1.03	47.15 1.17 -3.76	34.08 1.14 0.00	32.48 1.05 0.00
PJM_GEN_HTP_PROXY 323702	43.13 1.45 0.00	35.78 1.19 -0.18	26.54 0.91 0.00	35.39 1.12 0.00	32.17 1.04 0.00	33.23 1.14 0.00	38.56 1.37 0.00	43.79 1.36 -0.98	39.18 1.57 0.86	38.04 1.55 1.41	35.21 1.44 0.00	33.45 1.45 0.00	31.96 1.38 0.00	33.92 1.49 0.00	32.04 1.33 0.00	28.97 1.16 0.00	35.85 1.31 0.00	39.56 1.22 0.00	43.47 1.31 0.00	43.62 1.34 0.00	42.55 1.30 0.00	43.78 1.36 -0.20	34.13 1.30 0.11	32.63 1.20 0.00
PJM_GEN_KEystone 24065	41.04 -0.05 0.59	34.70 0.10 -0.18	25.65 0.03 0.00	34.45 0.16 -0.02	31.20 0.06 0.00	31.18 0.06 0.97	37.14 -0.04 0.00	42.30 -0.14 -0.98	37.61 0.00 0.86	36.78 0.29 1.41	34.25 0.48 0.00	32.49 0.49 0.00	31.00 0.42 0.00	32.71 0.28 0.00	31.00 0.28 0.00	27.98 0.16 0.00	33.09 -0.17 1.28	38.12 -0.22 0.00	41.76 -0.39 0.00	41.82 -0.46 0.00	40.62 -0.62 0.00	41.88 -0.54 -0.20	32.63 -0.21 0.11	31.54 0.11 0.00
PJM_GEN_NEPTUNE_PROXY 323594	42.80 1.12 0.00	35.48 0.89 -0.18	26.30 0.67 0.00	35.11 0.84 0.00	31.93 0.80 0.00	32.85 0.76 0.00	38.02 0.83 0.00	43.17 0.74 -0.98	38.67 1.07 0.86	37.63 1.15 1.41	34.98 1.21 0.00	33.21 1.21 0.00	31.46 0.89 0.00	33.58 1.16 0.00	31.64 0.92 0.00	28.45 0.64 0.00	35.29 0.75 0.00	39.02 0.68 0.00	42.87 0.72 0.00	42.99 0.71 0.00	42.08 0.83 0.00	43.25 0.83 -0.20	33.71 0.87 0.11	32.23 0.81 0.00
PJM_GEN_VFT_PROXY 323633	42.90 1.22 0.00	35.59 0.99 -0.18	26.39 0.76 0.00	35.18 0.92 0.00	31.99 0.86 0.00	33.05 0.96 0.00	38.34 1.15 0.00	43.57 1.13 -0.98	38.95 1.35 0.86	37.86 1.38 1.41	35.08 1.31 0.00	33.32 1.32 0.00	31.85 1.28 0.00	33.80 1.38 0.00	31.92 1.20 0.00	28.87 1.06 0.00	35.69 1.16 0.00	39.39 1.04 0.00	43.30 1.15 0.00	43.45 1.17 0.00	42.36 1.11 0.00	43.59 1.17 -0.20	33.99 1.15 0.11	32.51 1.08 0.00
PLATSBURG_115KV_PMLD1 355749	41.63 -0.05 0.00	34.14 -0.27 0.00	25.57 -0.06 0.00	34.42 0.15 0.00	31.59 0.46 0.00	32.54 0.45 0.00	38.07 0.89 0.00	42.88 1.43 0.00	39.93 1.46 0.00	39.42 1.52 0.00	35.09 1.32 0.00	33.30 1.31 0.00	31.71 1.14 0.00	33.62 1.20 0.00	31.84 1.13 0.00	28.87 1.06 0.00	35.85 1.31 0.00	39.68 1.34 0.00	43.76 1.61 0.00	43.85 1.56 0.00	42.87 1.62 0.00	43.79 1.57 0.00	34.04 1.10 0.00	32.32 0.89 0.00
PLEASANTVLY___LBMP 24000	42.77 1.09 0.00	35.28 0.87 0.00	26.31 0.68 0.00	35.09 0.83 0.00	31.90 0.76 0.00	32.95 0.86 0.00	38.23 1.04 0.00	42.56 1.11 0.00	39.67 1.20 0.00	39.05 1.16 0.00	34.76 0.99 0.00	32.98 0.99 0.00	31.52 0.95 0.00	33.46 1.04 0.00	31.64 0.92 0.00	28.63 0.82 0.00	35.58 1.04 0.00	39.34 0.99 0.00	43.21 1.06 0.00	43.38 1.10 0.00	42.37 1.12 0.00	43.38 1.16 0.00	33.98 1.03 0.00	32.37 0.94 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	43.02 1.34 0.00	35.52 1.10 0.00	26.47 0.85 0.00	35.31 1.04 0.00	32.10 0.96 0.00	33.14 1.05 0.00	38.45 1.26 0.00	42.76 1.31 0.00	39.91 1.44 0.00	39.32 1.43 0.00	35.07 1.31 0.00	33.29 1.29 0.00	31.80 1.23 0.00	33.77 1.35 0.00	31.91 1.20 0.00	28.87 1.06 0.00	35.79 1.25 0.00	39.55 1.21 0.00	43.46 1.31 0.00	43.61 1.33 0.00	42.56 1.31 0.00	43.60 1.38 0.00	34.19 1.24 0.00	32.58 1.15 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	43.02 1.34 0.00	35.52 1.10 0.00	26.47 0.85 0.00	35.31 1.04 0.00	32.10 0.96 0.00	33.14 1.05 0.00	38.45 1.26 0.00	42.76 1.31 0.00	39.91 1.44 0.00	39.32 1.43 0.00	35.07 1.31 0.00	33.29 1.29 0.00	31.80 1.23 0.00	33.77 1.35 0.00	31.91 1.20 0.00	28.87 1.06 0.00	35.79 1.25 0.00	39.55 1.21 0.00	43.46 1.31 0.00	43.61 1.33 0.00	42.56 1.31 0.00	43.60 1.38 0.00	34.19 1.24 0.00	32.58 1.15 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	43.13 1.45 0.00	35.58 1.16 0.00	26.51 0.88 0.00	35.37 1.11 0.00	32.14 1.01 0.00	33.21 1.12 0.00	38.56 1.37 0.00	42.95 1.50 0.00	40.02 1.56 0.00	39.37 1.48 0.00	35.03 1.27 0.00	33.24 1.24 0.00	31.77 1.19 0.00	33.74 1.32 0.00	31.93 1.21 0.00	28.90 1.09 0.00	35.91 1.38 0.00	39.78 1.44 0.00	43.70 1.54 0.00	43.86 1.58 0.00	42.82 1.57 0.00	43.82 1.60 0.00	34.29 1.34 0.00	32.64 1.22 0.00
POLETTI_____ 23519	37.10 0.55 5.14	34.86 0.45 0.00	26.04 0.41 0.00	34.25 0.22 0.23	31.56 0.43 0.00	32.77 0.68 0.00	38.11 0.92 0.00	41.99 0.54 0.00	39.33 0.86 0.00	38.83 0.93 0.00	34.76 0.99 0.00	33.02 1.02 0.00	31.55 0.97 0.00	33.47 1.05 0.00	31.62 0.91 0.00	28.59 0.77 0.00	35.36 0.82 0.00	38.96 0.62 0.00	42.87 0.72 0.00	43.08 0.80 0.00	42.02 0.77 0.00	43.07 0.85 0.00	33.87 0.92 0.00	32.23 0.81 0.00
POMONA___ESR 323819	42.84 1.16 0.00	35.40 0.99 0.00	26.36 0.73 0.00	35.22 0.96 0.00	32.01 0.87 0.00	33.04 0.95 0.00	38.33 1.15 0.00	42.64 1.19 0.00	39.77 1.30 0.00	39.24 1.34 0.00	35.01 1.25 0.00	33.24 1.24 0.00	31.77 1.20 0.00	33.71 1.29 0.00	31.84 1.12 0.00	28.79 0.98 0.00	35.69 1.16 0.00	39.46 1.12 0.00	43.41 1.26 0.00	43.56 1.28 0.00	42.48 1.23 0.00	43.49 1.27 0.00	34.09 1.15 0.00	32.50 1.08 0.00
PORT_JEFF_3 23555	43.15 1.47 0.00	35.66 1.25 0.00	26.58 0.96 0.00	35.50 1.23 0.00	32.30 1.17 0.00	33.20 1.11 0.00	38.43 1.25 0.00	42.57 1.12 0.00	39.94 1.47 0.00	39.44 1.55 0.00	35.37 1.61 0.00	33.62 1.63 0.00	31.69 1.11 0.00	33.96 1.53 0.00	31.90 1.19 0.00	28.63 0.83 0.00	35.55 1.02 0.00	39.36 1.02 0.00	43.08 0.93 0.00	43.19 0.90 -0.01	65.30 1.21 -22.84	127.15 1.20 -83.73	34.10 1.16 0.00	32.46 1.03 0.00
PORT_JEFF_4 23616	43.15 1.47 0.00	35.66 1.25 0.00	26.58 0.96 0.00	35.50 1.23 0.00	32.30 1.17 0.00	33.20 1.11 0.00	38.43 1.25 0.00	42.57 1.12 0.00	39.94 1.47 0.00	39.44 1.55 0.00	35.37 1.61 0.00	33.62 1.63 0.00	31.69 1.11 0.00	33.96 1.53 0.00	31.90 1.19 0.00	28.63 0.83 0.00	35.55 1.02 0.00	39.36 1.02 0.00	43.08 0.93 0.00	43.19 0.90 -0.01	65.30 1.21 -22.84	127.15 1.20 -83.73	34.10 1.16 0.00	32.46 1.03 0.00

PORT_JEFF_IC 23713	43.21 1.53 0.00	35.70 1.29 0.00	26.61 0.98 0.00	35.53 1.26 0.00	32.33 1.20 0.00	33.23 1.14 0.00	38.47 1.28 0.00	42.61 1.16 0.00	39.97 1.51 0.00	39.48 1.59 0.00	35.42 1.65 0.00	33.67 1.67 0.00	31.72 1.15 0.00	33.99 1.56 0.00	31.94 1.23 0.00	28.67 0.86 0.00	35.59 1.05 0.00	39.40 1.06 0.00	42.98 0.83 0.00	43.12 0.82 -0.01	66.55 1.28 -24.03	131.54 1.26 -88.06	34.15 1.20 0.00	32.49 1.07 0.00
PPL PILGRIM_ST_GT1 24216	43.36 1.68 0.00	35.76 1.35 0.00	26.65 1.02 0.00	35.54 1.27 0.00	32.35 1.21 0.00	33.24 1.16 0.00	38.45 1.26 0.00	42.59 1.14 0.00	39.98 1.52 0.00	39.53 1.64 0.00	35.41 1.64 0.00	33.64 1.64 0.00	31.76 1.19 0.00	33.97 1.54 0.00	32.00 1.28 0.00	28.71 0.90 0.00	35.59 1.06 0.00	39.40 1.06 0.00	43.24 1.09 0.00	43.33 1.05 0.00	44.75 1.24 -2.25	51.62 1.14 -8.26	34.11 1.17 0.00	32.51 1.09 0.00
PPL PILGRIM_ST_GT2 24217	43.36 1.68 0.00	35.76 1.35 0.00	26.65 1.02 0.00	35.54 1.27 0.00	32.35 1.21 0.00	33.24 1.16 0.00	38.45 1.26 0.00	42.59 1.14 0.00	39.98 1.52 0.00	39.53 1.64 0.00	35.41 1.64 0.00	33.64 1.64 0.00	31.76 1.19 0.00	33.97 1.54 0.00	32.00 1.28 0.00	28.71 0.90 0.00	35.59 1.06 0.00	39.40 1.06 0.00	43.24 1.09 0.00	43.33 1.05 0.00	44.75 1.24 -2.25	51.62 1.14 -8.26	34.11 1.17 0.00	32.51 1.09 0.00
PPL_SHRM_GT3 24213	42.81 1.13 0.00	35.40 0.99 0.00	26.41 0.78 0.00	35.30 1.03 0.00	32.12 0.99 0.00	33.02 0.94 0.00	38.26 1.07 0.00	42.34 0.88 0.00	39.72 1.26 0.00	39.19 1.30 0.00	35.15 1.38 0.00	33.44 1.44 0.00	31.46 0.89 0.00	33.80 1.38 0.00	31.65 0.94 0.00	28.42 0.61 0.00	35.34 0.80 0.00	39.12 0.77 0.00	42.91 0.76 0.00	43.02 0.73 -0.01	64.88 0.95 -22.68	126.30 0.95 -83.13	33.91 0.96 0.00	32.20 0.78 0.00
PPL_SHRM_GT4 24214	42.81 1.13 0.00	35.40 0.99 0.00	26.41 0.78 0.00	35.30 1.03 0.00	32.12 0.99 0.00	33.02 0.94 0.00	38.26 1.07 0.00	42.34 0.88 0.00	39.72 1.26 0.00	39.19 1.30 0.00	35.15 1.38 0.00	33.44 1.44 0.00	31.46 0.89 0.00	33.80 1.38 0.00	31.65 0.94 0.00	28.42 0.61 0.00	35.34 0.80 0.00	39.12 0.77 0.00	42.91 0.76 0.00	43.02 0.73 -0.01	64.88 0.95 -22.68	126.30 0.95 -83.13	33.91 0.96 0.00	32.20 0.78 0.00
PROJECT___ORANGE 1 24174	41.32 -0.36 0.00	34.14 -0.27 0.00	25.40 -0.23 0.00	33.97 -0.30 0.00	30.83 -0.30 0.00	31.79 -0.30 0.00	36.74 -0.45 0.00	40.87 -0.58 0.00	37.89 -0.57 0.00	37.31 -0.58 0.00	33.31 -0.46 0.00	31.59 -0.40 0.00	30.18 -0.39 0.00	31.99 -0.43 0.00	30.34 -0.37 0.00	27.48 -0.33 0.00	34.08 -0.45 0.00	37.88 -0.46 0.00	41.57 -0.58 0.00	41.68 -0.60 0.00	40.60 -0.65 0.00	41.55 -0.67 0.00	32.48 -0.46 0.00	31.03 -0.40 0.00
PROJECT___ORANGE 2 24166	41.32 -0.36 0.00	34.14 -0.27 0.00	25.40 -0.23 0.00	33.97 -0.30 0.00	30.83 -0.30 0.00	31.79 -0.30 0.00	36.74 -0.45 0.00	40.87 -0.58 0.00	37.89 -0.57 0.00	37.31 -0.58 0.00	33.31 -0.46 0.00	31.59 -0.40 0.00	30.18 -0.39 0.00	31.99 -0.43 0.00	30.34 -0.37 0.00	27.48 -0.33 0.00	34.08 -0.45 0.00	37.88 -0.46 0.00	41.57 -0.58 0.00	41.68 -0.60 0.00	40.60 -0.65 0.00	41.55 -0.67 0.00	32.48 -0.46 0.00	31.03 -0.40 0.00
PUCKETT___SOLAR 323809	41.81 0.13 0.00	34.66 0.25 0.00	25.78 0.15 0.00	34.50 0.23 0.00	31.27 0.13 0.00	32.30 0.21 0.00	37.49 0.31 0.00	41.73 0.28 0.00	38.58 0.12 0.00	37.89 0.00 0.00	33.67 -0.09 0.00	31.88 -0.12 0.00	30.39 -0.18 0.00	32.09 -0.33 0.00	30.50 -0.21 0.00	27.74 -0.07 0.00	34.63 0.10 0.00	38.81 0.47 0.00	42.66 0.50 0.00	42.77 0.49 0.00	41.59 0.34 0.00	42.52 0.30 0.00	33.01 0.06 0.00	31.48 0.05 0.00
PYRITES___HYD 24023	43.19 1.51 0.00	35.64 1.23 0.00	26.45 0.82 0.00	35.47 1.20 0.00	32.24 1.10 0.00	32.98 0.89 0.00	38.69 1.50 0.00	43.36 1.91 0.00	40.00 1.54 0.00	39.00 1.10 0.00	34.67 0.90 0.00	32.79 0.79 0.00	31.34 0.76 0.00	33.21 0.79 0.00	31.43 0.71 0.00	28.42 0.61 0.00	35.24 0.71 0.00	39.52 1.18 0.00	44.38 2.23 0.00	44.62 2.34 0.00	43.38 2.12 0.00	44.34 2.12 0.00	34.39 1.44 0.00	32.70 1.28 0.00
QUAKERRD_115KV_BK1 80622	40.78 -0.90 0.00	33.71 -0.70 0.00	25.02 -0.61 0.00	33.55 -0.72 0.00	30.41 -0.72 0.00	31.32 -0.77 0.00	36.05 -1.14 0.00	40.11 -1.34 0.00	37.33 -1.13 0.00	37.00 -0.89 0.00	33.24 -0.53 0.00	31.52 -0.48 0.00	30.18 -0.40 0.00	31.89 -0.53 0.00	30.28 -0.43 0.00	27.34 -0.47 0.00	33.57 -0.97 0.00	37.27 -1.07 0.00	40.82 -1.33 0.00	40.84 -1.44 0.00	39.66 -1.59 0.00	40.62 -1.60 0.00	31.82 -1.12 0.00	30.61 -0.82 0.00
QUENSBRY_115KV_TB8 356137	43.34 1.66 0.00	35.63 1.22 0.00	26.65 1.02 0.00	35.55 1.29 0.00	32.33 1.19 0.00	33.41 1.32 0.00	38.82 1.63 0.00	43.38 1.93 0.00	39.94 1.47 0.00	38.78 0.88 0.00	34.17 0.40 0.00	32.32 0.32 0.00	30.85 0.28 0.00	32.75 0.32 0.00	31.17 0.45 0.00	28.31 0.50 0.00	35.79 1.26 0.00	39.92 1.58 0.00	44.03 1.88 0.00	44.22 1.94 0.00	43.27 2.02 0.00	44.16 1.94 0.00	34.37 1.43 0.00	32.65 1.23 0.00
RAMAPO___LBMP 323565	42.67 0.99 0.00	35.26 0.85 0.00	26.26 0.64 0.00	35.09 0.82 0.00	31.89 0.76 0.00	32.92 0.84 0.00	38.20 1.01 0.00	42.48 1.03 0.00	39.61 1.14 0.00	39.09 1.20 0.00	34.89 1.12 0.00	33.11 1.11 0.00	31.65 1.07 0.00	33.57 1.14 0.00	31.70 0.99 0.00	28.68 0.87 0.00	35.55 1.01 0.00	39.31 0.97 0.00	43.26 1.11 0.00	43.40 1.12 0.00	42.32 1.07 0.00	43.32 1.10 0.00	33.98 1.03 0.00	32.39 0.96 0.00
RANKINE____ 23646	41.14 -0.54 0.00	34.09 -0.32 0.00	25.20 -0.42 0.00	33.99 -0.27 0.00	30.73 -0.40 0.00	31.57 -0.52 0.00	36.08 -1.11 0.00	40.00 -1.45 0.00	37.38 -1.09 0.00	37.47 -0.42 0.00	34.00 0.23 0.00	32.26 0.26 0.00	30.87 0.30 0.00	32.47 0.05 0.00	30.96 0.24 0.00	27.81 0.00 0.00	33.54 -0.99 0.00	37.24 -1.10 0.00	40.50 -1.65 0.00	40.36 -1.92 0.00	38.99 -2.26 0.00	40.05 -2.17 0.00	31.64 -1.31 0.00	30.95 -0.48 0.00
RAVENSWOOD_GT2_1 24244	43.13 1.45 0.00	35.59 1.17 0.00	26.54 0.91 0.00	35.38 1.11 0.00	32.17 1.04 0.00	33.24 1.15 0.00	38.56 1.38 0.00	42.81 1.36 0.00	40.04 1.58 0.00	39.48 1.59 0.00	35.25 1.48 0.00	33.48 1.48 0.00	31.98 1.40 0.00	33.95 1.52 0.00	32.06 1.35 0.00	28.99 1.18 0.00	35.87 1.33 0.00	39.57 1.23 0.00	43.49 1.34 0.00	43.63 1.35 0.00	42.57 1.32 0.00	43.61 1.39 0.00	34.27 1.32 0.00	32.66 1.24 0.00
RAVENSWOOD_GT2_2 24245	43.13 1.45 0.00	35.59 1.17 0.00	26.54 0.91 0.00	35.38 1.11 0.00	32.17 1.04 0.00	33.24 1.15 0.00	38.56 1.38 0.00	42.81 1.36 0.00	40.04 1.58 0.00	39.48 1.59 0.00	35.25 1.48 0.00	33.48 1.48 0.00	31.98 1.40 0.00	33.95 1.52 0.00	32.06 1.35 0.00	28.99 1.18 0.00	35.87 1.33 0.00	39.57 1.23 0.00	43.49 1.34 0.00	43.63 1.35 0.00	42.57 1.32 0.00	43.61 1.39 0.00	34.27 1.32 0.00	32.66 1.24 0.00

RAVENSWOOD_GT2_3 24246	43.15 1.46 0.00	35.60 1.19 0.00	26.55 0.92 0.00	35.39 1.13 0.00	32.18 1.04 0.00	33.25 1.16 0.00	38.57 1.38 0.00	42.84 1.39 0.00	40.05 1.59 0.00	39.49 1.60 0.00	35.26 1.50 0.00	33.49 1.50 0.00	32.00 1.42 0.00	33.96 1.54 0.00	32.08 1.37 0.00	29.00 1.19 0.00	35.88 1.35 0.00	39.59 1.25 0.00	43.51 1.36 0.00	43.66 1.38 0.00	42.59 1.34 0.00	43.64 1.42 0.00	34.28 1.34 0.00	32.68 1.26 0.00
RAVENSWOOD_GT2_4 24247	43.15 1.46 0.00	35.60 1.19 0.00	26.55 0.92 0.00	35.39 1.13 0.00	32.18 1.04 0.00	33.25 1.16 0.00	38.57 1.38 0.00	42.84 1.39 0.00	40.05 1.59 0.00	39.49 1.60 0.00	35.26 1.50 0.00	33.49 1.50 0.00	32.00 1.42 0.00	33.96 1.54 0.00	32.08 1.37 0.00	29.00 1.19 0.00	35.88 1.35 0.00	39.59 1.25 0.00	43.51 1.36 0.00	43.66 1.38 0.00	42.59 1.34 0.00	43.64 1.42 0.00	34.28 1.34 0.00	32.68 1.26 0.00
RAVENSWOOD_GT3_1 24248	43.13 1.45 0.00	35.59 1.18 0.00	26.54 0.91 0.00	35.38 1.12 0.00	32.17 1.04 0.00	33.24 1.15 0.00	38.56 1.38 0.00	42.81 1.36 0.00	40.04 1.58 0.00	39.48 1.59 0.00	35.25 1.48 0.00	33.48 1.48 0.00	31.98 1.40 0.00	33.95 1.52 0.00	32.06 1.35 0.00	28.99 1.18 0.00	35.87 1.33 0.00	39.57 1.23 0.00	43.49 1.34 0.00	43.63 1.35 0.00	42.57 1.32 0.00	43.61 1.39 0.00	34.27 1.32 0.00	32.66 1.24 0.00
RAVENSWOOD_GT3_2 24249	43.13 1.45 0.00	35.59 1.18 0.00	26.54 0.91 0.00	35.38 1.12 0.00	32.17 1.04 0.00	33.24 1.15 0.00	38.56 1.38 0.00	42.81 1.36 0.00	40.04 1.58 0.00	39.48 1.59 0.00	35.25 1.48 0.00	33.48 1.48 0.00	31.98 1.40 0.00	33.95 1.52 0.00	32.06 1.35 0.00	28.99 1.18 0.00	35.87 1.33 0.00	39.57 1.23 0.00	43.49 1.34 0.00	43.63 1.35 0.00	42.57 1.32 0.00	43.61 1.39 0.00	34.27 1.32 0.00	32.66 1.24 0.00
RAVENSWOOD_GT3_3 24250	43.19 1.51 0.00	35.64 1.22 0.00	26.57 0.94 0.00	35.43 1.16 0.00	32.21 1.08 0.00	33.28 1.19 0.00	38.60 1.42 0.00	42.88 1.43 0.00	40.09 1.63 0.00	39.53 1.64 0.00	35.30 1.53 0.00	33.53 1.53 0.00	32.03 1.46 0.00	34.00 1.58 0.00	32.12 1.40 0.00	29.03 1.22 0.00	35.92 1.39 0.00	39.64 1.29 0.00	43.55 1.40 0.00	43.70 1.42 0.00	42.64 1.39 0.00	43.68 1.46 0.00	34.32 1.37 0.00	32.71 1.28 0.00
RAVENSWOOD_GT3_4 24251	43.19 1.51 0.00	35.64 1.22 0.00	26.57 0.94 0.00	35.43 1.16 0.00	32.21 1.08 0.00	33.28 1.19 0.00	38.60 1.42 0.00	42.88 1.43 0.00	40.09 1.63 0.00	39.53 1.64 0.00	35.30 1.53 0.00	33.53 1.53 0.00	32.03 1.46 0.00	34.00 1.58 0.00	32.12 1.40 0.00	29.03 1.22 0.00	35.92 1.39 0.00	39.64 1.29 0.00	43.55 1.40 0.00	43.70 1.42 0.00	42.64 1.39 0.00	43.68 1.46 0.00	34.32 1.37 0.00	32.71 1.28 0.00
RAVENSWOOD_GT_1 23729	43.12 1.44 0.00	35.54 1.13 0.00	26.53 0.90 0.00	35.36 1.09 0.00	32.15 1.01 0.00	33.27 1.19 0.00	38.61 1.42 0.00	42.80 1.35 0.00	40.10 1.63 0.00	39.52 1.63 0.00	35.30 1.54 0.00	33.55 1.55 0.00	32.04 1.47 0.00	34.00 1.58 0.00	32.12 1.41 0.00	29.04 1.23 0.00	35.88 1.34 0.00	39.53 1.19 0.00	43.43 1.28 0.00	43.59 1.31 0.00	42.53 1.27 0.00	43.58 1.36 0.00	34.30 1.35 0.00	32.69 1.27 0.00
RAVENSWOOD_GT_10 24258	43.14 1.46 0.00	35.60 1.19 0.00	26.54 0.91 0.00	35.39 1.12 0.00	32.18 1.04 0.00	33.24 1.15 0.00	38.56 1.38 0.00	42.83 1.38 0.00	40.05 1.58 0.00	39.48 1.59 0.00	35.25 1.48 0.00	33.48 1.48 0.00	31.98 1.40 0.00	33.95 1.52 0.00	32.06 1.35 0.00	28.99 1.18 0.00	35.87 1.34 0.00	39.58 1.24 0.00	43.50 1.35 0.00	43.64 1.36 0.00	42.58 1.33 0.00	43.62 1.40 0.00	34.27 1.32 0.00	32.66 1.24 0.00
RAVENSWOOD_GT_11 24259	43.14 1.46 0.00	35.60 1.19 0.00	26.54 0.91 0.00	35.39 1.12 0.00	32.18 1.04 0.00	33.24 1.15 0.00	38.56 1.38 0.00	42.83 1.38 0.00	40.05 1.58 0.00	39.48 1.59 0.00	35.25 1.48 0.00	33.48 1.48 0.00	31.98 1.40 0.00	33.95 1.52 0.00	32.06 1.35 0.00	28.99 1.18 0.00	35.87 1.34 0.00	39.58 1.24 0.00	43.50 1.35 0.00	43.64 1.36 0.00	42.58 1.33 0.00	43.62 1.40 0.00	34.27 1.32 0.00	32.66 1.24 0.00
RAVENSWOOD_GT_4 24252	43.15 1.47 0.00	35.61 1.20 0.00	26.55 0.92 0.00	35.40 1.13 0.00	32.18 1.05 0.00	33.24 1.15 0.00	38.57 1.38 0.00	42.85 1.39 0.00	40.05 1.59 0.00	39.49 1.60 0.00	35.25 1.48 0.00	33.47 1.47 0.00	31.98 1.40 0.00	33.95 1.52 0.00	32.06 1.35 0.00	28.99 1.18 0.00	35.88 1.35 0.00	39.60 1.26 0.00	43.53 1.37 0.00	43.67 1.39 0.00	42.61 1.36 0.00	43.65 1.43 0.00	34.28 1.34 0.00	32.66 1.24 0.00
RAVENSWOOD_GT_5 24254	43.15 1.47 0.00	35.61 1.20 0.00	26.55 0.92 0.00	35.40 1.13 0.00	32.18 1.05 0.00	33.24 1.15 0.00	38.57 1.38 0.00	42.85 1.39 0.00	40.05 1.59 0.00	39.49 1.60 0.00	35.25 1.48 0.00	33.47 1.47 0.00	31.98 1.40 0.00	33.95 1.52 0.00	32.06 1.35 0.00	28.99 1.18 0.00	35.88 1.35 0.00	39.60 1.26 0.00	43.53 1.37 0.00	43.67 1.39 0.00	42.61 1.36 0.00	43.65 1.43 0.00	34.28 1.34 0.00	32.66 1.24 0.00
RAVENSWOOD_GT_6 24253	43.15 1.47 0.00	35.61 1.20 0.00	26.55 0.92 0.00	35.40 1.13 0.00	32.18 1.05 0.00	33.24 1.15 0.00	38.57 1.38 0.00	42.85 1.39 0.00	40.05 1.59 0.00	39.49 1.60 0.00	35.25 1.48 0.00	33.47 1.47 0.00	31.98 1.40 0.00	33.95 1.52 0.00	32.06 1.35 0.00	28.99 1.18 0.00	35.88 1.35 0.00	39.60 1.26 0.00	43.53 1.37 0.00	43.67 1.39 0.00	42.61 1.36 0.00	43.65 1.43 0.00	34.28 1.34 0.00	32.66 1.24 0.00
RAVENSWOOD_GT_7 24255	43.15 1.47 0.00	35.61 1.20 0.00	26.55 0.92 0.00	35.40 1.13 0.00	32.18 1.05 0.00	33.24 1.15 0.00	38.57 1.38 0.00	42.85 1.39 0.00	40.05 1.59 0.00	39.49 1.60 0.00	35.25 1.48 0.00	33.47 1.47 0.00	31.98 1.40 0.00	33.95 1.52 0.00	32.06 1.35 0.00	28.99 1.18 0.00	35.88 1.35 0.00	39.60 1.26 0.00	43.53 1.37 0.00	43.67 1.39 0.00	42.61 1.36 0.00	43.65 1.43 0.00	34.28 1.34 0.00	32.66 1.24 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	43.14 1.46 0.00	35.60 1.19 0.00	26.54 0.91 0.00	35.39 1.12 0.00	32.18 1.04 0.00	33.24 1.15 0.00	38.56 1.38 0.00	42.83 1.38 0.00	40.05 1.58 0.00	39.48 1.59 0.00	35.25 1.48 0.00	33.48 1.48 0.00	31.98 1.40 0.00	33.95 1.52 0.00	32.06 1.35 0.00	28.99 1.18 0.00	35.87 1.34 0.00	39.58 1.24 0.00	43.50 1.35 0.00	43.64 1.36 0.00	42.58 1.33 0.00	43.62 1.40 0.00	34.27 1.32 0.00	32.66 1.24 0.00
RAVENSWOOD_GT_9 24257	43.14 1.46 0.00	35.60 1.19 0.00	26.54 0.91 0.00	35.39 1.12 0.00	32.18 1.04 0.00	33.24 1.15 0.00	38.56 1.38 0.00	42.83 1.38 0.00	40.05 1.58 0.00	39.48 1.59 0.00	35.25 1.48 0.00	33.48 1.48 0.00	31.98 1.40 0.00	33.95 1.52 0.00	32.06 1.35 0.00	28.99 1.18 0.00	35.87 1.34 0.00	39.58 1.24 0.00	43.50 1.35 0.00	43.64 1.36 0.00	42.58 1.33 0.00	43.62 1.40 0.00	34.27 1.32 0.00	32.66 1.24 0.00

RAVENSWOOD___1 23533	43.08 1.40 0.00	35.50 1.09 0.00	26.51 0.88 0.00	35.33 1.06 0.00	32.12 0.99 0.00	33.24 1.15 0.00	38.57 1.38 0.00	42.76 1.31 0.00	40.06 1.59 0.00	39.47 1.58 0.00	35.27 1.50 0.00	33.52 1.52 0.00	32.02 1.44 0.00	33.98 1.55 0.00	32.09 1.38 0.00	29.02 1.21 0.00	35.84 1.31 0.00	39.49 1.15 0.00	43.39 1.24 0.00	43.56 1.27 0.00	42.49 1.25 0.00	43.55 1.33 0.00	34.26 1.32 0.00	32.66 1.23 0.00
RAVENSWOOD___2 23534	42.93 1.25 0.00	35.39 0.98 0.00	26.47 0.84 0.00	35.25 0.99 0.00	32.07 0.94 0.00	33.19 1.10 0.00	38.44 1.25 0.00	42.47 1.02 0.00	39.76 1.29 0.00	39.18 1.29 0.00	35.09 1.32 0.00	33.44 1.44 0.00	31.97 1.39 0.00	33.92 1.49 0.00	32.05 1.33 0.00	28.96 1.15 0.00	35.65 1.12 0.00	39.20 0.85 0.00	43.05 0.90 0.00	43.22 0.94 0.00	42.18 0.93 0.00	43.22 1.00 0.00	34.03 1.09 0.00	32.49 1.07 0.00
RAVENSWOOD___3 23535	43.13 1.45 0.00	35.59 1.18 0.00	26.54 0.91 0.00	35.38 1.12 0.00	32.17 1.04 0.00	33.24 1.15 0.00	38.57 1.38 0.00	42.81 1.36 0.00	40.05 1.58 0.00	39.48 1.59 0.00	35.25 1.48 0.00	33.48 1.48 0.00	31.98 1.41 0.00	33.95 1.52 0.00	32.06 1.35 0.00	28.99 1.18 0.00	35.87 1.33 0.00	39.57 1.23 0.00	43.49 1.34 0.00	43.63 1.35 0.00	42.58 1.32 0.00	43.61 1.39 0.00	34.27 1.32 0.00	32.66 1.24 0.00
RAVENSWOOD___4 23820	43.08 1.40 0.00	35.50 1.09 0.00	26.51 0.88 0.00	35.33 1.06 0.00	32.12 0.99 0.00	33.24 1.15 0.00	38.57 1.38 0.00	42.76 1.31 0.00	40.06 1.59 0.00	39.47 1.58 0.00	35.27 1.50 0.00	33.52 1.52 0.00	32.02 1.44 0.00	33.98 1.55 0.00	32.09 1.38 0.00	29.02 1.21 0.00	35.84 1.31 0.00	39.49 1.15 0.00	43.39 1.24 0.00	43.56 1.27 0.00	42.49 1.25 0.00	43.55 1.33 0.00	34.26 1.32 0.00	32.66 1.23 0.00
RCPL_TRUST___DRP 24196	43.19 1.51 0.00	35.65 1.24 0.00	26.57 0.95 0.00	35.43 1.17 0.00	32.21 1.08 0.00	33.28 1.19 0.00	38.61 1.42 0.00	42.89 1.44 0.00	40.10 1.64 0.00	39.51 1.62 0.00	35.27 1.50 0.00	33.50 1.50 0.00	32.00 1.43 0.00	33.97 1.55 0.00	32.09 1.37 0.00	29.01 1.20 0.00	35.89 1.36 0.00	39.60 1.26 0.00	43.51 1.36 0.00	43.66 1.38 0.00	42.59 1.34 0.00	43.63 1.41 0.00	34.28 1.33 0.00	32.67 1.25 0.00
RED___ROCHESTER 323720	41.75 0.07 0.00	34.51 0.10 0.00	25.59 -0.04 0.00	34.34 0.07 0.00	31.11 -0.02 0.00	32.02 -0.07 0.00	36.82 -0.36 0.00	41.03 -0.43 0.00	38.24 -0.23 0.00	37.97 0.08 0.00	34.18 0.41 0.00	32.42 0.42 0.00	31.05 0.47 0.00	32.78 0.36 0.00	31.15 0.43 0.00	28.07 0.26 0.00	34.34 -0.20 0.00	38.14 -0.20 0.00	41.74 -0.41 0.00	41.76 -0.52 0.00	40.51 -0.74 0.00	41.51 -0.71 0.00	32.55 -0.40 0.00	31.36 -0.07 0.00
REGAN___SOLAR 323812	42.88 1.20 0.00	35.39 0.98 0.00	26.34 0.71 0.00	35.22 0.95 0.00	32.00 0.87 0.00	33.06 0.97 0.00	38.37 1.19 0.00	42.79 1.34 0.00	38.96 0.49 0.00	37.50 -0.39 0.00	33.20 -0.57 0.00	31.35 -0.65 0.00	30.00 -0.57 0.00	31.74 -0.69 0.00	30.08 -0.64 0.00	27.29 -0.52 0.00	34.62 0.08 0.00	38.94 0.59 0.00	43.46 1.31 0.00	43.60 1.32 0.00	42.54 1.29 0.00	43.49 1.27 0.00	33.85 0.90 0.00	32.20 0.78 0.00
RENSSELAER___COGEN 23796	41.75 0.07 0.00	34.45 0.03 0.00	25.76 0.14 0.00	34.27 0.01 0.00	31.20 0.06 0.00	32.24 0.15 0.00	37.40 0.22 0.00	41.78 0.32 0.00	38.76 0.29 0.00	37.99 0.10 0.00	33.66 -0.11 0.00	31.86 -0.14 0.00	30.50 -0.07 0.00	32.37 -0.06 0.00	30.70 -0.02 0.00	27.86 0.05 0.00	34.80 0.26 0.00	38.48 0.13 0.00	42.27 0.11 0.00	42.40 0.12 0.00	41.49 0.24 0.00	42.46 0.23 0.00	33.21 0.26 0.00	31.63 0.20 0.00
REPUBLIC_115KV_BARTNBRK 55605	45.87 4.19 0.00	37.41 2.99 0.00	28.06 2.43 0.00	37.47 3.20 0.00	34.03 2.90 0.00	35.28 3.20 0.00	41.19 4.00 0.00	46.21 4.76 0.00	42.17 3.70 0.00	40.38 2.49 0.00	35.39 1.62 0.00	33.59 1.60 0.00	32.03 1.45 0.00	33.99 1.57 0.00	32.59 1.88 0.00	29.71 1.89 0.00	37.86 3.33 0.00	42.15 3.81 0.00	46.71 4.56 0.00	47.00 4.72 0.00	46.16 4.91 0.00	47.03 4.81 0.00	36.49 3.55 0.00	34.48 3.05 0.00
REVERE_CPPR_DRP 24186	42.59 0.91 0.00	35.15 0.73 0.00	26.15 0.52 0.00	35.01 0.75 0.00	31.88 0.75 0.00	32.96 0.87 0.00	38.25 1.07 0.00	42.66 1.21 0.00	39.37 0.90 0.00	38.55 0.66 0.00	34.29 0.53 0.00	32.37 0.37 0.00	30.88 0.31 0.00	32.69 0.27 0.00	31.04 0.33 0.00	28.18 0.37 0.00	35.19 0.66 0.00	39.63 1.29 0.00	43.69 1.54 0.00	43.86 1.58 0.00	42.67 1.42 0.00	43.60 1.38 0.00	33.95 1.00 0.00	32.23 0.81 0.00
REYNLDPA_13_KV_LD 356490	42.27 0.59 0.00	34.89 0.48 0.00	25.94 0.32 0.00	34.77 0.50 0.00	31.53 0.40 0.00	32.45 0.37 0.00	37.76 0.57 0.00	42.18 0.72 0.00	39.18 0.71 0.00	38.67 0.78 0.00	34.52 0.75 0.00	32.72 0.73 0.00	31.26 0.68 0.00	33.16 0.74 0.00	31.40 0.68 0.00	28.39 0.58 0.00	35.12 0.58 0.00	39.00 0.66 0.00	43.00 0.85 0.00	43.14 0.86 0.00	42.01 0.76 0.00	42.99 0.77 0.00	33.47 0.52 0.00	31.92 0.50 0.00
REYNOLDS_115KV_TB3 80639	42.08 0.40 0.00	34.70 0.28 0.00	25.94 0.32 0.00	34.53 0.26 0.00	31.42 0.29 0.00	32.49 0.40 0.00	37.68 0.49 0.00	42.09 0.63 0.00	39.02 0.56 0.00	38.27 0.38 0.00	33.89 0.12 0.00	32.08 0.08 0.00	30.72 0.14 0.00	32.59 0.17 0.00	30.89 0.18 0.00	28.02 0.20 0.00	35.05 0.51 0.00	38.74 0.40 0.00	42.56 0.41 0.00	42.70 0.42 0.00	41.80 0.55 0.00	42.79 0.57 0.00	33.46 0.51 0.00	31.86 0.44 0.00
RIVERBAY____ 323610	43.69 2.01 0.00	35.95 1.54 0.00	26.80 1.18 0.00	35.73 1.46 0.00	32.42 1.29 0.00	33.67 1.58 0.00	39.22 2.03 0.00	43.57 2.12 0.00	40.80 2.33 0.00	40.12 2.23 0.00	35.87 2.10 0.00	34.06 2.06 0.00	32.53 1.95 0.00	34.49 2.07 0.00	32.61 1.89 0.00	29.48 1.67 0.00	36.42 1.88 0.00	40.17 1.83 0.00	44.17 2.02 0.00	44.38 2.10 0.00	43.25 2.00 0.00	44.32 2.10 0.00	34.83 1.89 0.00	33.19 1.76 0.00
RIVERSDE_115KV_TB3 55908	41.93 0.25 0.00	34.58 0.17 0.00	25.86 0.24 0.00	34.41 0.15 0.00	31.32 0.19 0.00	32.38 0.29 0.00	37.55 0.37 0.00	41.95 0.50 0.00	38.91 0.44 0.00	38.16 0.26 0.00	33.79 0.03 0.00	31.98 -0.02 0.00	30.62 0.05 0.00	32.49 0.07 0.00	30.81 0.09 0.00	27.95 0.14 0.00	34.95 0.42 0.00	38.65 0.31 0.00	42.45 0.30 0.00	42.59 0.31 0.00	41.67 0.42 0.00	42.65 0.43 0.00	33.35 0.40 0.00	31.76 0.34 0.00
ROARING___BROOK_WT_PWR 323790	40.47 -1.21 0.00	33.49 -0.92 0.00	24.95 -0.68 0.00	33.43 -0.84 0.00	30.42 -0.72 0.00	31.43 -0.65 0.00	36.65 -0.53 0.00	40.89 -0.56 0.00	38.07 -0.39 0.00	37.81 -0.08 0.00	33.84 0.07 0.00	32.08 0.09 0.00	30.61 0.04 0.00	32.45 0.03 0.00	30.80 0.08 0.00	27.87 0.06 0.00	34.60 0.07 0.00	38.42 0.08 0.00	42.28 0.13 0.00	42.41 0.13 0.00	41.37 0.12 0.00	42.32 0.10 0.00	32.81 -0.14 0.00	31.06 -0.36 0.00

ROCHESRG_115KV_T4 355643	41.48 -0.20 0.00	34.30 -0.11 0.00	25.44 -0.19 0.00	34.15 -0.12 0.00	30.94 -0.20 0.00	31.83 -0.26 0.00	36.59 -0.60 0.00	40.67 -0.78 0.00	37.91 -0.56 0.00	37.62 -0.27 0.00	33.85 0.08 0.00	32.10 0.10 0.00	30.73 0.16 0.00	32.45 0.03 0.00	30.84 0.12 0.00	27.80 -0.01 0.00	34.05 -0.49 0.00	37.79 -0.55 0.00	41.36 -0.80 0.00	41.36 -0.92 0.00	40.15 -1.10 0.00	41.15 -1.07 0.00	32.29 -0.66 0.00	31.13 -0.30 0.00
ROCHESTER_9_IC 23652	41.65 -0.03 0.00	34.43 0.02 0.00	25.53 -0.10 0.00	34.26 0.00 0.00	31.05 -0.09 0.00	31.95 -0.14 0.00	36.73 -0.46 0.00	40.85 -0.60 0.00	38.07 -0.40 0.00	37.78 -0.11 0.00	34.01 0.25 0.00	32.25 0.26 0.00	30.88 0.31 0.00	32.61 0.19 0.00	30.99 0.27 0.00	27.94 0.13 0.00	34.22 -0.32 0.00	37.99 -0.35 0.00	41.57 -0.58 0.00	41.59 -0.69 0.00	40.35 -0.90 0.00	41.36 -0.86 0.00	32.43 -0.51 0.00	31.26 -0.16 0.00
ROCKVIEW_13_KV_LD 356306	43.16 1.48 0.00	35.65 1.24 0.00	26.57 0.95 0.00	35.43 1.17 0.00	32.22 1.08 0.00	33.26 1.17 0.00	38.57 1.38 0.00	42.87 1.42 0.00	40.03 1.57 0.00	39.48 1.59 0.00	35.22 1.45 0.00	33.46 1.47 0.00	31.97 1.40 0.00	33.94 1.51 0.00	32.06 1.35 0.00	28.99 1.18 0.00	35.91 1.38 0.00	39.67 1.33 0.00	43.59 1.44 0.00	43.74 1.45 0.00	42.68 1.43 0.00	43.71 1.49 0.00	34.30 1.35 0.00	32.69 1.26 0.00
ROME____115KV_TB2 80656	42.59 0.91 0.00	35.15 0.73 0.00	26.15 0.52 0.00	35.01 0.75 0.00	31.88 0.75 0.00	32.96 0.87 0.00	38.25 1.07 0.00	42.66 1.21 0.00	39.37 0.90 0.00	38.55 0.66 0.00	34.29 0.53 0.00	32.37 0.37 0.00	30.88 0.31 0.00	32.69 0.27 0.00	31.04 0.33 0.00	28.18 0.37 0.00	35.19 0.66 0.00	39.63 1.29 0.00	43.69 1.54 0.00	43.86 1.58 0.00	42.67 1.42 0.00	43.60 1.38 0.00	33.95 1.00 0.00	32.23 0.81 0.00
ROSETON___1 23587	42.77 1.09 0.00	35.29 0.88 0.00	26.32 0.69 0.00	35.10 0.83 0.00	31.90 0.77 0.00	32.95 0.86 0.00	38.24 1.05 0.00	42.55 1.10 0.00	39.67 1.21 0.00	39.06 1.17 0.00	34.78 1.01 0.00	33.00 1.00 0.00	31.53 0.96 0.00	33.48 1.05 0.00	31.66 0.94 0.00	28.64 0.83 0.00	35.58 1.04 0.00	39.34 0.99 0.00	43.21 1.06 0.00	43.37 1.10 0.00	42.36 1.11 0.00	43.37 1.15 0.00	33.98 1.04 0.00	32.37 0.95 0.00
ROSETON___2 23588	42.77 1.09 0.00	35.29 0.88 0.00	26.32 0.69 0.00	35.10 0.83 0.00	31.90 0.77 0.00	32.95 0.86 0.00	38.24 1.05 0.00	42.55 1.10 0.00	39.67 1.21 0.00	39.06 1.17 0.00	34.78 1.01 0.00	33.00 1.00 0.00	31.53 0.96 0.00	33.48 1.05 0.00	31.66 0.94 0.00	28.64 0.83 0.00	35.58 1.04 0.00	39.34 0.99 0.00	43.21 1.06 0.00	43.37 1.10 0.00	42.36 1.11 0.00	43.37 1.15 0.00	33.98 1.04 0.00	32.37 0.95 0.00
ROTTRDAM_115KV_TB3 80664	42.46 0.78 0.00	35.01 0.60 0.00	26.11 0.48 0.00	34.86 0.60 0.00	31.68 0.55 0.00	32.71 0.62 0.00	37.93 0.74 0.00	42.29 0.84 0.00	39.17 0.70 0.00	38.40 0.51 0.00	34.10 0.33 0.00	32.27 0.27 0.00	30.86 0.28 0.00	32.74 0.32 0.00	31.01 0.30 0.00	28.12 0.31 0.00	35.15 0.62 0.00	39.04 0.69 0.00	42.93 0.77 0.00	43.08 0.80 0.00	42.11 0.86 0.00	43.08 0.86 0.00	33.64 0.69 0.00	32.04 0.61 0.00
RUSSELL___1 23602	41.75 0.07 0.00	34.51 0.10 0.00	25.59 -0.04 0.00	34.33 0.07 0.00	31.11 -0.03 0.00	32.01 -0.08 0.00	36.82 -0.37 0.00	41.02 -0.43 0.00	38.24 -0.22 0.00	37.97 0.08 0.00	34.18 0.41 0.00	32.42 0.42 0.00	31.05 0.47 0.00	32.79 0.36 0.00	31.15 0.43 0.00	28.07 0.26 0.00	34.34 -0.20 0.00	38.14 -0.20 0.00	41.74 -0.41 0.00	41.76 -0.52 0.00	40.51 -0.74 0.00	41.51 -0.71 0.00	32.55 -0.40 0.00	31.36 -0.07 0.00
RUSSELL___2 23532	41.75 0.07 0.00	34.51 0.10 0.00	25.59 -0.04 0.00	34.33 0.07 0.00	31.11 -0.03 0.00	32.01 -0.08 0.00	36.82 -0.37 0.00	41.02 -0.43 0.00	38.24 -0.22 0.00	37.97 0.08 0.00	34.18 0.41 0.00	32.42 0.42 0.00	31.05 0.47 0.00	32.79 0.36 0.00	31.15 0.43 0.00	28.07 0.26 0.00	34.34 -0.20 0.00	38.14 -0.20 0.00	41.74 -0.41 0.00	41.76 -0.52 0.00	40.51 -0.74 0.00	41.51 -0.71 0.00	32.55 -0.40 0.00	31.36 -0.07 0.00
RUSSELL___3 23549	41.75 0.07 0.00	34.51 0.10 0.00	25.59 -0.04 0.00	34.33 0.07 0.00	31.11 -0.03 0.00	32.01 -0.08 0.00	36.82 -0.37 0.00	41.02 -0.43 0.00	38.24 -0.22 0.00	37.97 0.08 0.00	34.18 0.41 0.00	32.42 0.42 0.00	31.05 0.47 0.00	32.79 0.36 0.00	31.15 0.43 0.00	28.07 0.26 0.00	34.34 -0.20 0.00	38.14 -0.20 0.00	41.74 -0.41 0.00	41.76 -0.52 0.00	40.51 -0.74 0.00	41.51 -0.71 0.00	32.55 -0.40 0.00	31.36 -0.07 0.00
RUSSELL___4 23556	41.75 0.07 0.00	34.51 0.10 0.00	25.59 -0.04 0.00	34.33 0.07 0.00	31.11 -0.03 0.00	32.01 -0.08 0.00	36.82 -0.37 0.00	41.02 -0.43 0.00	38.24 -0.22 0.00	37.97 0.08 0.00	34.18 0.41 0.00	32.42 0.42 0.00	31.05 0.47 0.00	32.79 0.36 0.00	31.15 0.43 0.00	28.07 0.26 0.00	34.34 -0.20 0.00	38.14 -0.20 0.00	41.74 -0.41 0.00	41.76 -0.52 0.00	40.51 -0.74 0.00	41.51 -0.71 0.00	32.55 -0.40 0.00	31.36 -0.07 0.00
RUSSELL___STATION 23914	41.75 0.07 0.00	34.51 0.10 0.00	25.59 -0.04 0.00	34.33 0.07 0.00	31.11 -0.03 0.00	32.01 -0.08 0.00	36.82 -0.37 0.00	41.02 -0.43 0.00	38.24 -0.22 0.00	37.97 0.08 0.00	34.18 0.41 0.00	32.42 0.42 0.00	31.05 0.47 0.00	32.79 0.36 0.00	31.15 0.43 0.00	28.07 0.26 0.00	34.34 -0.20 0.00	38.14 -0.20 0.00	41.74 -0.41 0.00	41.76 -0.52 0.00	40.51 -0.74 0.00	41.51 -0.71 0.00	32.55 -0.40 0.00	31.36 -0.07 0.00
S SALMON___HYD 24043	41.28 -0.40 0.00	34.11 -0.30 0.00	25.36 -0.27 0.00	33.98 -0.29 0.00	30.94 -0.19 0.00	31.91 -0.18 0.00	36.91 -0.27 0.00	41.16 -0.29 0.00	38.12 -0.35 0.00	37.51 -0.38 0.00	33.45 -0.32 0.00	31.49 -0.51 0.00	30.18 -0.39 0.00	31.86 -0.56 0.00	30.23 -0.49 0.00	27.38 -0.43 0.00	34.16 -0.38 0.00	38.26 -0.08 0.00	42.24 0.09 0.00	42.38 0.10 0.00	41.32 0.07 0.00	42.31 0.09 0.00	32.89 -0.06 0.00	31.24 -0.19 0.00
S.PERRY__115KV_TB1 80734	42.12 0.44 0.00	34.87 0.46 0.00	25.87 0.24 0.00	34.72 0.45 0.00	31.43 0.29 0.00	32.40 0.31 0.00	37.43 0.24 0.00	41.71 0.26 0.00	39.03 0.56 0.00	38.89 1.00 0.00	34.97 1.20 0.00	33.08 1.09 0.00	31.65 1.08 0.00	33.48 1.06 0.00	31.82 1.10 0.00	28.71 0.89 0.00	35.29 0.76 0.00	39.32 0.98 0.00	42.96 0.81 0.00	42.82 0.53 0.00	41.50 0.25 0.00	42.46 0.24 0.00	33.11 0.17 0.00	31.87 0.45 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	41.09 -0.59 0.00	34.05 -0.36 0.00	25.17 -0.46 0.00	33.96 -0.31 0.00	30.68 -0.45 0.00	31.49 -0.60 0.00	35.88 -1.31 0.00	39.77 -1.68 0.00	37.18 -1.29 0.00	37.26 -0.64 0.00	33.84 0.07 0.00	32.12 0.12 0.00	30.76 0.18 0.00	32.35 -0.07 0.00	30.83 0.12 0.00	27.68 -0.13 0.00	33.29 -1.24 0.00	36.91 -1.43 0.00	40.18 -1.97 0.00	40.06 -2.22 0.00	38.72 -2.53 0.00	39.80 -2.42 0.00	31.49 -1.46 0.00	30.83 -0.60 0.00

SAWYER___23_KV_LOAD 55526	41.09 -0.59 0.00	34.05 -0.36 0.00	25.17 -0.46 0.00	33.96 -0.31 0.00	30.68 -0.45 0.00	31.49 -0.60 0.00	35.88 -1.31 0.00	39.77 -1.68 0.00	37.18 -1.29 0.00	37.26 -0.64 0.00	33.84 0.07 0.00	32.12 0.12 0.00	30.76 0.18 0.00	32.35 -0.07 0.00	30.83 0.12 0.00	27.68 -0.13 0.00	33.29 -1.24 0.00	36.91 -1.43 0.00	40.18 -1.97 0.00	40.06 -2.22 0.00	38.72 -2.53 0.00	39.80 -2.42 0.00	31.49 -1.46 0.00	30.83 -0.60 0.00
SELKIRK___I 23801	42.21 0.53 0.00	34.80 0.39 0.00	25.99 0.37 0.00	34.64 0.38 0.00	31.50 0.37 0.00	32.54 0.46 0.00	37.74 0.56 0.00	42.11 0.66 0.00	38.96 0.49 0.00	38.10 0.21 0.00	33.79 0.03 0.00	31.98 -0.01 0.00	30.61 0.03 0.00	32.47 0.05 0.00	30.84 0.12 0.00	28.03 0.22 0.00	35.02 0.49 0.00	38.84 0.49 0.00	42.63 0.48 0.00	42.76 0.48 0.00	41.82 0.57 0.00	42.82 0.60 0.00	33.47 0.52 0.00	31.89 0.47 0.00
SELKIRK___II 23799	41.96 0.28 0.00	34.62 0.21 0.00	25.86 0.23 0.00	34.45 0.18 0.00	31.34 0.20 0.00	32.37 0.28 0.00	37.54 0.36 0.00	41.90 0.45 0.00	38.88 0.41 0.00	38.15 0.25 0.00	33.85 0.08 0.00	32.05 0.05 0.00	30.66 0.09 0.00	32.54 0.11 0.00	30.85 0.13 0.00	27.98 0.16 0.00	34.90 0.37 0.00	38.63 0.29 0.00	42.42 0.27 0.00	42.57 0.29 0.00	41.63 0.38 0.00	42.62 0.40 0.00	33.32 0.37 0.00	31.74 0.31 0.00
SENECA OSWGO___HYD 24041	41.01 -0.67 0.00	33.88 -0.53 0.00	25.22 -0.41 0.00	33.72 -0.55 0.00	30.61 -0.52 0.00	31.56 -0.53 0.00	36.45 -0.74 0.00	40.54 -0.91 0.00	37.60 -0.87 0.00	37.01 -0.88 0.00	33.05 -0.72 0.00	31.31 -0.68 0.00	29.93 -0.64 0.00	31.71 -0.71 0.00	30.07 -0.64 0.00	27.23 -0.58 0.00	33.81 -0.72 0.00	37.61 -0.74 0.00	41.29 -0.87 0.00	41.41 -0.87 0.00	40.34 -0.90 0.00	41.30 -0.93 0.00	32.25 -0.70 0.00	30.78 -0.65 0.00
SENECA___115KV_TB3 355854	41.20 -0.48 0.00	34.13 -0.28 0.00	25.24 -0.39 0.00	34.04 -0.22 0.00	30.78 -0.36 0.00	31.61 -0.48 0.00	36.12 -1.07 0.00	40.06 -1.39 0.00	37.43 -1.04 0.00	37.52 -0.37 0.00	34.05 0.28 0.00	32.31 0.31 0.00	30.92 0.34 0.00	32.51 0.09 0.00	30.99 0.28 0.00	27.85 0.04 0.00	33.59 -0.95 0.00	37.29 -1.05 0.00	40.56 -1.59 0.00	40.42 -1.86 0.00	39.05 -2.20 0.00	40.12 -2.10 0.00	31.69 -1.26 0.00	30.99 -0.44 0.00
SENECA___ENERGY 23797	41.50 -0.18 0.00	34.34 -0.07 0.00	25.50 -0.13 0.00	34.17 -0.10 0.00	30.99 -0.14 0.00	31.98 -0.11 0.00	36.96 -0.23 0.00	41.08 -0.37 0.00	38.07 -0.40 0.00	37.52 -0.37 0.00	33.73 -0.04 0.00	31.99 -0.01 0.00	30.58 0.01 0.00	32.36 -0.06 0.00	30.78 0.06 0.00	27.88 0.07 0.00	34.39 -0.14 0.00	38.24 -0.11 0.00	41.91 -0.24 0.00	41.90 -0.38 0.00	40.75 -0.50 0.00	41.69 -0.53 0.00	32.61 -0.33 0.00	31.28 -0.15 0.00
SHOEMAKER___GT 23640	42.71 1.03 0.00	35.35 0.94 0.00	26.32 0.69 0.00	35.15 0.88 0.00	31.94 0.81 0.00	32.97 0.89 0.00	38.26 1.07 0.00	42.58 1.12 0.00	39.65 1.18 0.00	39.06 1.17 0.00	34.77 1.00 0.00	33.03 1.03 0.00	31.53 0.96 0.00	33.50 1.08 0.00	31.70 0.98 0.00	28.69 0.88 0.00	35.60 1.07 0.00	39.44 1.10 0.00	43.36 1.21 0.00	43.52 1.24 0.00	42.44 1.19 0.00	43.43 1.22 0.00	34.01 1.07 0.00	32.42 0.99 0.00
SHOEMAKR_138KV_BK 111 55601	42.70 1.02 0.00	35.32 0.91 0.00	26.30 0.67 0.00	35.13 0.87 0.00	31.92 0.78 0.00	32.96 0.87 0.00	38.23 1.05 0.00	42.56 1.10 0.00	39.62 1.16 0.00	39.06 1.17 0.00	34.78 1.01 0.00	33.03 1.03 0.00	31.55 0.97 0.00	33.49 1.07 0.00	31.68 0.97 0.00	28.68 0.87 0.00	35.58 1.05 0.00	39.40 1.06 0.00	43.33 1.18 0.00	43.48 1.20 0.00	42.41 1.16 0.00	43.40 1.18 0.00	33.99 1.05 0.00	32.40 0.97 0.00
SHOREHAM_IC_1 23715	42.81 1.13 0.00	35.40 0.99 0.00	26.41 0.78 0.00	35.30 1.03 0.00	32.12 0.99 0.00	33.02 0.94 0.00	38.26 1.07 0.00	42.34 0.88 0.00	39.72 1.26 0.00	39.19 1.30 0.00	35.15 1.38 0.00	33.44 1.44 0.00	31.46 0.89 0.00	33.80 1.38 0.00	31.65 0.94 0.00	28.42 0.61 0.00	35.34 0.80 0.00	39.12 0.77 0.00	42.91 0.76 0.00	43.02 0.73 -0.01	64.88 0.95 -22.68	126.30 0.95 -83.13	33.91 0.96 0.00	32.20 0.78 0.00
SHOREHAM_IC_2 23716	42.82 1.14 0.00	35.40 0.99 0.00	26.41 0.79 0.00	35.30 1.04 0.00	32.13 0.99 0.00	33.03 0.94 0.00	38.26 1.07 0.00	42.34 0.89 0.00	39.72 1.25 0.00	39.19 1.30 0.00	35.15 1.38 0.00	33.44 1.44 0.00	31.47 0.89 0.00	33.80 1.38 0.00	31.65 0.94 0.00	28.42 0.61 0.00	35.34 0.80 0.00	39.12 0.78 0.00	42.91 0.76 0.00	43.02 0.73 -0.01	64.88 0.95 -22.68	126.30 0.95 -83.13	33.91 0.97 0.00	32.20 0.77 0.00
SISSONVILLE____ 23735	42.48 0.80 0.00	35.07 0.66 0.00	26.03 0.40 0.00	34.93 0.66 0.00	31.77 0.64 0.00	32.57 0.48 0.00	38.16 0.97 0.00	42.75 1.30 0.00	39.58 1.12 0.00	38.85 0.96 0.00	34.60 0.83 0.00	32.68 0.69 0.00	31.23 0.66 0.00	33.08 0.65 0.00	31.32 0.60 0.00	28.32 0.51 0.00	35.17 0.63 0.00	39.33 0.99 0.00	43.80 1.65 0.00	43.99 1.71 0.00	42.80 1.55 0.00	43.77 1.55 0.00	33.97 1.02 0.00	32.27 0.84 0.00
SITHE_IND_GS1 24169	40.67 -1.01 0.00	33.60 -0.81 0.00	24.99 -0.64 0.00	33.44 -0.83 0.00	30.36 -0.78 0.00	31.27 -0.82 0.00	36.11 -1.08 0.00	40.15 -1.30 0.00	37.25 -1.22 0.00	36.69 -1.20 0.00	32.75 -1.01 0.00	31.04 -0.96 0.00	29.67 -0.90 0.00	31.44 -0.99 0.00	29.82 -0.90 0.00	27.00 -0.81 0.00	33.48 -1.05 0.00	37.21 -1.13 0.00	40.86 -1.29 0.00	40.96 -1.32 0.00	39.92 -1.33 0.00	40.86 -1.36 0.00	31.92 -1.02 0.00	30.48 -0.94 0.00
SITHE_IND_GS2 24170	40.67 -1.01 0.00	33.60 -0.81 0.00	24.99 -0.64 0.00	33.44 -0.83 0.00	30.36 -0.78 0.00	31.27 -0.82 0.00	36.11 -1.08 0.00	40.15 -1.30 0.00	37.25 -1.22 0.00	36.69 -1.20 0.00	32.75 -1.01 0.00	31.04 -0.96 0.00	29.67 -0.90 0.00	31.44 -0.99 0.00	29.82 -0.90 0.00	27.00 -0.81 0.00	33.48 -1.05 0.00	37.21 -1.13 0.00	40.86 -1.29 0.00	40.96 -1.32 0.00	39.92 -1.33 0.00	40.86 -1.36 0.00	31.92 -1.02 0.00	30.48 -0.94 0.00
SITHE_IND_GS3 24171	40.67 -1.01 0.00	33.60 -0.81 0.00	24.99 -0.64 0.00	33.44 -0.83 0.00	30.36 -0.78 0.00	31.27 -0.82 0.00	36.11 -1.08 0.00	40.15 -1.30 0.00	37.25 -1.22 0.00	36.69 -1.20 0.00	32.75 -1.01 0.00	31.04 -0.96 0.00	29.67 -0.90 0.00	31.44 -0.99 0.00	29.82 -0.90 0.00	27.00 -0.81 0.00	33.48 -1.05 0.00	37.21 -1.13 0.00	40.86 -1.29 0.00	40.96 -1.32 0.00	39.92 -1.33 0.00	40.86 -1.36 0.00	31.92 -1.02 0.00	30.48 -0.94 0.00
SITHE_IND_GS4 24172	40.67 -1.01 0.00	33.60 -0.81 0.00	24.99 -0.64 0.00	33.44 -0.83 0.00	30.36 -0.78 0.00	31.27 -0.82 0.00	36.11 -1.08 0.00	40.15 -1.30 0.00	37.25 -1.22 0.00	36.69 -1.20 0.00	32.75 -1.01 0.00	31.04 -0.96 0.00	29.67 -0.90 0.00	31.44 -0.99 0.00	29.82 -0.90 0.00	27.00 -0.81 0.00	33.48 -1.05 0.00	37.21 -1.13 0.00	40.86 -1.29 0.00	40.96 -1.32 0.00	39.92 -1.33 0.00	40.86 -1.36 0.00	31.92 -1.02 0.00	30.48 -0.94 0.00

SITHE___BATAVIA 24024	42.17 0.49 0.00	34.89 0.48 0.00	25.80 0.17 0.00	34.72 0.46 0.00	31.45 0.31 0.00	32.30 0.21 0.00	36.94 -0.25 0.00	40.94 -0.51 0.00	38.31 -0.16 0.00	38.28 0.39 0.00	34.66 0.89 0.00	32.85 0.85 0.00	31.46 0.89 0.00	33.08 0.66 0.00	31.52 0.80 0.00	28.38 0.57 0.00	34.33 -0.21 0.00	38.10 -0.24 0.00	41.58 -0.57 0.00	41.50 -0.78 0.00	40.14 -1.11 0.00	41.22 -1.01 0.00	32.48 -0.47 0.00	31.63 0.20 0.00
SITHE___INDEPEND 23800	40.67 -1.01 0.00	33.59 -0.81 0.00	24.99 -0.64 0.00	33.44 -0.83 0.00	30.36 -0.78 0.00	31.27 -0.82 0.00	36.11 -1.08 0.00	40.15 -1.30 0.00	37.25 -1.21 0.00	36.69 -1.20 0.00	32.75 -1.02 0.00	31.04 -0.96 0.00	29.67 -0.90 0.00	31.44 -0.99 0.00	29.82 -0.90 0.00	27.00 -0.81 0.00	33.48 -1.05 0.00	37.21 -1.13 0.00	40.86 -1.29 0.00	40.96 -1.32 0.00	39.93 -1.32 0.00	40.86 -1.36 0.00	31.92 -1.02 0.00	30.48 -0.94 0.00
SITHE___MASSENA 23902	42.27 0.58 0.00	34.89 0.47 0.00	25.93 0.31 0.00	34.76 0.49 0.00	31.54 0.40 0.00	32.20 0.11 0.00	37.71 0.52 0.00	42.19 0.74 0.00	39.17 0.71 0.00	38.65 0.75 0.00	34.48 0.71 0.00	32.67 0.67 0.00	31.22 0.64 0.00	33.12 0.70 0.00	31.35 0.64 0.00	28.35 0.54 0.00	35.08 0.55 0.00	38.99 0.65 0.00	43.05 0.90 0.00	43.21 0.93 0.00	42.07 0.82 0.00	43.05 0.82 0.00	33.50 0.55 0.00	31.93 0.51 0.00
SITHE___OGDNSBRG 24021	43.10 1.42 0.00	35.57 1.16 0.00	26.40 0.78 0.00	35.41 1.14 0.00	32.14 1.01 0.00	32.84 0.75 0.00	38.53 1.34 0.00	43.16 1.71 0.00	39.85 1.39 0.00	38.93 1.03 0.00	34.66 0.89 0.00	32.80 0.80 0.00	31.35 0.78 0.00	33.24 0.82 0.00	31.46 0.74 0.00	28.45 0.64 0.00	35.23 0.70 0.00	39.38 1.04 0.00	44.15 2.00 0.00	44.36 2.09 0.00	43.14 1.89 0.00	44.11 1.89 0.00	34.24 1.29 0.00	32.59 1.16 0.00
SITHE___STERLING 23777	42.31 0.63 0.00	34.92 0.51 0.00	25.99 0.37 0.00	34.78 0.51 0.00	31.63 0.50 0.00	32.67 0.58 0.00	37.89 0.70 0.00	42.24 0.79 0.00	39.04 0.57 0.00	38.25 0.35 0.00	34.07 0.30 0.00	32.21 0.21 0.00	30.74 0.16 0.00	32.56 0.14 0.00	30.90 0.18 0.00	28.02 0.21 0.00	34.95 0.41 0.00	39.25 0.90 0.00	43.22 1.06 0.00	43.34 1.06 0.00	42.18 0.93 0.00	43.13 0.91 0.00	33.61 0.66 0.00	31.94 0.52 0.00
SLEIGHT__34_KV_TB1 80719	41.42 -0.26 0.00	34.24 -0.18 0.00	25.39 -0.24 0.00	34.04 -0.22 0.00	30.88 -0.26 0.00	31.82 -0.27 0.00	36.72 -0.47 0.00	40.85 -0.60 0.00	37.91 -0.56 0.00	37.51 -0.38 0.00	33.68 -0.09 0.00	31.91 -0.09 0.00	30.56 -0.02 0.00	32.31 -0.11 0.00	30.68 -0.03 0.00	27.75 -0.06 0.00	34.19 -0.35 0.00	38.00 -0.34 0.00	41.65 -0.49 0.00	41.63 -0.65 0.00	40.46 -0.79 0.00	41.42 -0.80 0.00	32.40 -0.54 0.00	31.11 -0.31 0.00
SMITHTWN_69_KV_BK 1 55830	43.25 1.57 0.00	35.72 1.30 0.00	26.61 0.98 0.00	35.53 1.26 0.00	32.33 1.20 0.00	33.23 1.14 0.00	38.47 1.28 0.00	42.60 1.15 0.00	39.97 1.50 0.00	39.49 1.60 0.00	35.43 1.66 0.00	33.68 1.69 0.00	31.73 1.16 0.00	33.99 1.57 0.00	31.97 1.25 0.00	28.69 0.88 0.00	35.60 1.07 0.00	39.43 1.09 0.00	43.17 1.01 0.00	43.29 1.00 -0.01	71.88 1.29 -29.34	151.03 1.27 -107.54	34.15 1.21 0.00	32.52 1.09 0.00
SOUTH CAIRO___GT 23612	43.08 1.40 0.00	35.47 1.06 0.00	26.52 0.89 0.00	35.28 1.01 0.00	32.10 0.97 0.00	33.23 1.14 0.00	38.60 1.41 0.00	43.25 1.80 0.00	39.98 1.51 0.00	38.71 0.82 0.00	34.12 0.35 0.00	32.20 0.20 0.00	30.76 0.18 0.00	32.57 0.15 0.00	31.11 0.39 0.00	28.40 0.60 0.00	35.70 1.17 0.00	39.83 1.48 0.00	43.93 1.78 0.00	44.02 1.74 0.00	43.00 1.76 0.00	43.93 1.71 0.00	34.25 1.31 0.00	32.56 1.13 0.00
SOUTH HAMPTN___IC 23720	43.24 1.56 0.00	35.80 1.39 0.00	26.73 1.10 0.00	35.73 1.47 0.00	32.52 1.39 0.00	33.44 1.36 0.00	38.76 1.58 0.00	42.94 1.48 0.00	40.29 1.82 0.00	39.70 1.81 0.00	35.62 1.85 0.00	33.88 1.89 0.00	31.86 1.28 0.00	34.17 1.75 0.00	32.00 1.28 0.00	28.70 0.89 0.00	35.73 1.19 0.00	39.51 1.17 0.00	43.25 1.10 0.00	43.32 1.03 -0.01	64.94 1.26 -22.43	125.64 1.21 -82.22	34.03 1.08 0.00	32.29 0.86 0.00
SOUTHDOW_115KV_TB1 355954	40.61 -1.07 0.00	33.72 -0.69 0.00	24.94 -0.69 0.00	33.67 -0.59 0.00	30.52 -0.61 0.00	31.37 -0.72 0.00	36.03 -1.16 0.00	40.29 -1.17 0.00	37.82 -0.64 0.00	38.13 0.24 0.00	34.62 0.85 0.00	32.90 0.90 0.00	31.36 0.79 0.00	32.99 0.57 0.00	31.51 0.80 0.00	28.37 0.56 0.00	34.38 -0.16 0.00	38.38 0.03 0.00	41.79 -0.36 0.00	41.52 -0.76 0.00	39.98 -1.27 0.00	40.60 -1.62 0.00	31.75 -1.20 0.00	31.14 -0.29 0.00
SOUTHOLD_69_KV_BK 2 55809	43.56 1.87 0.00	36.15 1.74 0.00	27.04 1.42 0.00	36.19 1.92 0.00	32.96 1.83 0.00	33.90 1.81 0.00	39.35 2.16 0.00	43.63 2.18 0.00	40.92 2.45 0.00	40.21 2.32 0.00	36.10 2.34 0.00	34.37 2.37 0.00	32.23 1.65 0.00	34.49 2.07 0.00	32.27 1.56 0.00	28.88 1.07 0.00	36.08 1.55 0.00	39.80 1.45 0.00	43.40 1.24 -0.01	43.42 1.13 -22.42	65.03 1.36 -82.18	125.61 1.21 0.00	33.87 0.92 0.00	32.10 0.67 0.00
SOUTHOLD___IC 23719	43.56 1.87 0.00	36.14 1.73 0.00	27.04 1.42 0.00	36.19 1.92 0.00	32.96 1.82 0.00	33.89 1.80 0.00	39.35 2.16 0.00	43.63 2.17 0.00	40.92 2.46 0.00	40.21 2.32 0.00	36.10 2.34 0.00	34.37 2.37 0.00	32.23 1.65 0.00	34.49 2.07 0.00	32.27 1.56 0.00	28.89 1.07 0.00	36.08 1.55 0.00	39.80 1.45 0.00	43.39 1.24 -0.01	43.42 1.13 -22.42	65.03 1.36 -82.18	125.62 1.21 0.00	33.87 0.92 0.00	32.10 0.67 0.00
SOUTH_FORK_WT_PWR 323839	43.41 1.73 0.00	36.09 1.68 0.00	27.05 1.42 0.00	36.21 1.95 0.00	32.99 1.86 0.00	33.93 1.84 0.00	39.41 2.22 0.00	43.71 2.26 0.00	40.98 2.52 0.00	40.18 2.28 0.00	36.09 2.33 0.00	34.40 2.40 0.00	32.20 1.62 0.00	34.43 2.01 0.00	32.16 1.44 0.00	28.74 0.93 0.00	35.96 1.42 0.00	39.54 1.20 0.00	42.98 0.83 -0.01	42.97 0.68 -22.43	64.64 0.96 -82.20	125.18 0.75 0.00	33.43 0.48 0.00	31.64 0.22 0.00
SPIERFLS_115KV_TB 1 80737	43.06 1.38 0.00	35.43 1.02 0.00	26.49 0.86 0.00	35.34 1.07 0.00	32.12 0.99 0.00	33.18 1.09 0.00	38.52 1.33 0.00	43.04 1.59 0.00	39.66 1.19 0.00	38.58 0.69 0.00	34.03 0.26 0.00	32.17 0.17 0.00	30.72 0.15 0.00	32.61 0.19 0.00	31.00 0.28 0.00	28.15 0.34 0.00	35.54 1.00 0.00	39.62 1.28 0.00	43.70 1.55 0.00	43.87 1.59 0.00	42.92 1.67 0.00	43.80 1.58 0.00	34.12 1.18 0.00	32.44 1.02 0.00
ST LAWRENCE____ 23600	41.77 0.09 0.00	34.48 0.07 0.00	25.65 0.02 0.00	34.35 0.09 0.00	31.24 0.11 0.00	32.10 0.01 0.00	37.32 0.13 0.00	41.71 0.25 0.00	38.75 0.29 0.00	38.25 0.36 0.00	34.13 0.37 0.00	32.35 0.35 0.00	30.90 0.33 0.00	32.80 0.37 0.00	31.04 0.32 0.00	28.07 0.26 0.00	34.74 0.21 0.00	38.56 0.22 0.00	42.50 0.35 0.00	42.65 0.36 0.00	41.54 0.30 0.00	42.51 0.29 0.00	33.10 0.15 0.00	31.57 0.14 0.00

STATE_CA_115KV_115_LB 55624	41.96 0.28 0.00	34.62 0.21 0.00	25.89 0.27 0.00	34.44 0.18 0.00	31.35 0.22 0.00	32.41 0.32 0.00	37.60 0.41 0.00	41.99 0.54 0.00	38.94 0.47 0.00	38.17 0.27 0.00	33.81 0.05 0.00	32.01 0.01 0.00	30.65 0.07 0.00	32.52 0.09 0.00	30.85 0.13 0.00	27.99 0.18 0.00	35.00 0.46 0.00	38.72 0.38 0.00	42.52 0.37 0.00	42.65 0.38 0.00	41.73 0.48 0.00	42.69 0.47 0.00	33.39 0.44 0.00	31.79 0.37 0.00
STATE_ST_34_KV_LOAD 55959	41.90 0.22 0.00	34.65 0.23 0.00	25.67 0.04 0.00	34.44 0.18 0.00	31.27 0.13 0.00	32.27 0.18 0.00	37.33 0.14 0.00	41.52 0.07 0.00	38.29 -0.17 0.00	37.67 -0.22 0.00	33.78 0.01 0.00	32.03 0.03 0.00	30.63 0.05 0.00	32.36 -0.06 0.00	30.79 0.07 0.00	27.93 0.12 0.00	34.60 0.07 0.00	38.56 0.21 0.00	42.32 0.17 0.00	42.23 -0.05 0.00	41.19 -0.06 0.00	42.14 -0.09 0.00	32.93 -0.01 0.00	31.52 0.09 0.00
STATION_5_MISC_HYD 23604	41.65 -0.03 0.00	34.43 0.02 0.00	25.53 -0.10 0.00	34.27 0.00 0.00	31.05 -0.08 0.00	31.96 -0.13 0.00	36.73 -0.46 0.00	40.85 -0.60 0.00	38.06 -0.41 0.00	37.79 -0.11 0.00	34.02 0.25 0.00	32.25 0.26 0.00	30.88 0.31 0.00	32.61 0.18 0.00	30.99 0.27 0.00	27.94 0.13 0.00	34.22 -0.32 0.00	37.99 -0.35 0.00	41.57 -0.58 0.00	41.59 -0.69 0.00	40.35 -0.90 0.00	41.36 -0.86 0.00	32.43 -0.51 0.00	31.26 -0.16 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	41.54 -0.14 0.00	34.36 -0.05 0.00	25.50 -0.12 0.00	34.20 -0.07 0.00	31.00 -0.13 0.00	31.94 -0.15 0.00	36.84 -0.35 0.00	40.95 -0.51 0.00	38.08 -0.38 0.00	37.71 -0.18 0.00	33.85 0.08 0.00	32.09 0.09 0.00	30.71 0.14 0.00	32.47 0.05 0.00	30.85 0.13 0.00	27.88 0.07 0.00	34.28 -0.26 0.00	38.12 -0.22 0.00	41.74 -0.42 0.00	41.75 -0.53 0.00	40.55 -0.70 0.00	41.52 -0.70 0.00	32.52 -0.43 0.00	31.24 -0.19 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	41.42 -0.27 0.00	34.24 -0.18 0.00	25.39 -0.24 0.00	34.07 -0.20 0.00	30.87 -0.26 0.00	31.77 -0.32 0.00	36.55 -0.64 0.00	40.66 -0.79 0.00	37.87 -0.60 0.00	37.59 -0.30 0.00	33.81 0.04 0.00	32.07 0.07 0.00	30.70 0.13 0.00	32.43 0.01 0.00	30.80 0.09 0.00	27.79 -0.02 0.00	34.07 -0.47 0.00	37.82 -0.52 0.00	41.40 -0.76 0.00	41.40 -0.88 0.00	40.19 -1.06 0.00	41.17 -1.05 0.00	32.28 -0.67 0.00	31.08 -0.34 0.00
STA_56___34_KV_BUS2 355983	41.42 -0.27 0.00	34.24 -0.18 0.00	25.39 -0.24 0.00	34.07 -0.20 0.00	30.87 -0.26 0.00	31.77 -0.32 0.00	36.55 -0.64 0.00	40.66 -0.79 0.00	37.87 -0.60 0.00	37.59 -0.30 0.00	33.81 0.04 0.00	32.07 0.07 0.00	30.70 0.13 0.00	32.43 0.01 0.00	30.80 0.09 0.00	27.79 -0.02 0.00	34.07 -0.47 0.00	37.82 -0.52 0.00	41.40 -0.76 0.00	41.40 -0.88 0.00	40.19 -1.06 0.00	41.17 -1.05 0.00	32.28 -0.67 0.00	31.08 -0.34 0.00
STA_67___115KV_BK2 355882	41.59 -0.09 0.00	34.39 -0.02 0.00	25.50 -0.13 0.00	34.23 -0.04 0.00	31.01 -0.12 0.00	31.91 -0.18 0.00	36.68 -0.50 0.00	40.79 -0.66 0.00	38.01 -0.46 0.00	37.73 -0.16 0.00	33.95 0.18 0.00	32.19 0.19 0.00	30.83 0.25 0.00	32.55 0.13 0.00	30.93 0.22 0.00	27.89 0.08 0.00	34.16 -0.38 0.00	37.92 -0.42 0.00	41.49 -0.66 0.00	41.51 -0.77 0.00	40.28 -0.97 0.00	41.28 -0.94 0.00	32.39 -0.56 0.00	31.21 -0.22 0.00
STA_7___115KV_9TRANS 80674	41.75 0.07 0.00	34.51 0.10 0.00	25.59 -0.04 0.00	34.33 0.07 0.00	31.11 -0.03 0.00	32.01 -0.08 0.00	36.82 -0.37 0.00	41.02 -0.43 0.00	38.24 -0.22 0.00	37.97 0.08 0.00	34.18 0.41 0.00	32.42 0.42 0.00	31.05 0.47 0.00	32.79 0.36 0.00	31.15 0.43 0.00	28.07 0.26 0.00	34.34 -0.20 0.00	38.14 -0.20 0.00	41.74 -0.41 0.00	41.76 -0.52 0.00	40.51 -0.74 0.00	41.51 -0.71 0.00	32.55 -0.40 0.00	31.36 -0.07 0.00
STA_82___115KV_TB1 80780	41.60 -0.08 0.00	34.40 -0.01 0.00	25.50 -0.12 0.00	34.24 -0.02 0.00	31.02 -0.11 0.00	31.92 -0.17 0.00	36.69 -0.49 0.00	40.80 -0.65 0.00	38.02 -0.44 0.00	37.74 -0.15 0.00	33.97 0.20 0.00	32.21 0.22 0.00	30.85 0.27 0.00	32.57 0.15 0.00	30.95 0.24 0.00	27.91 0.10 0.00	34.17 -0.36 0.00	37.94 -0.40 0.00	41.51 -0.64 0.00	41.52 -0.76 0.00	40.30 -0.95 0.00	41.29 -0.93 0.00	32.39 -0.56 0.00	31.23 -0.20 0.00
STEEL___WIND 323596	41.15 -0.52 0.00	34.07 -0.34 0.00	25.20 -0.43 0.00	33.99 -0.28 0.00	30.73 -0.40 0.00	31.58 -0.51 0.00	36.08 -1.11 0.00	40.03 -1.42 0.00	37.37 -1.09 0.00	37.49 -0.40 0.00	34.01 0.24 0.00	32.27 0.27 0.00	30.89 0.31 0.00	32.47 0.05 0.00	30.96 0.25 0.00	27.83 0.02 0.00	33.55 -0.98 0.00	37.27 -1.07 0.00	40.53 -1.63 0.00	40.37 -1.91 0.00	39.00 -2.25 0.00	40.08 -2.15 0.00	31.66 -1.29 0.00	30.95 -0.47 0.00
STEPHTWN_115KV_BK_2 55603	42.24 0.56 0.00	34.79 0.38 0.00	25.99 0.36 0.00	34.59 0.33 0.00	31.49 0.36 0.00	32.60 0.51 0.00	37.87 0.68 0.00	42.31 0.85 0.00	39.17 0.70 0.00	38.45 0.55 0.00	33.99 0.22 0.00	32.16 0.16 0.00	30.79 0.21 0.00	32.67 0.24 0.00	30.99 0.28 0.00	28.17 0.36 0.00	35.26 0.73 0.00	38.97 0.63 0.00	42.82 0.66 0.00	42.91 0.63 0.00	41.98 0.73 0.00	42.91 0.69 0.00	33.52 0.57 0.00	31.93 0.50 0.00
STEUBEN_REC_LFGE 323667	39.51 -2.17 0.00	32.95 -1.47 0.00	24.52 -1.11 0.00	32.84 -1.43 0.00	29.62 -1.52 0.00	30.53 -1.56 0.00	35.32 -1.87 0.00	39.46 -1.99 0.00	37.25 -1.22 0.00	37.25 -0.65 0.00	33.64 -0.13 0.00	31.87 -0.13 0.00	30.50 -0.08 0.00	32.21 -0.21 0.00	30.78 0.06 0.00	27.91 0.10 0.00	34.09 -0.45 0.00	37.96 -0.39 0.00	41.21 -0.94 0.00	40.74 -1.54 0.00	39.80 -1.45 0.00	40.80 -1.42 0.00	31.52 -1.42 0.00	30.42 -1.01 0.00
STILLWATER___SOLAR 323814	43.06 1.38 0.00	35.44 1.03 0.00	26.49 0.86 0.00	35.33 1.07 0.00	32.11 0.98 0.00	33.18 1.09 0.00	38.52 1.33 0.00	43.00 1.55 0.00	39.70 1.24 0.00	38.75 0.85 0.00	34.23 0.46 0.00	32.36 0.37 0.00	30.94 0.36 0.00	32.83 0.41 0.00	31.16 0.44 0.00	28.31 0.50 0.00	35.64 1.10 0.00	39.65 1.31 0.00	43.64 1.49 0.00	43.79 1.51 0.00	42.83 1.58 0.00	43.78 1.56 0.00	34.15 1.21 0.00	32.50 1.08 0.00
STONY___BROOK 24151	43.26 1.58 0.00	35.74 1.32 0.00	26.63 1.01 0.00	35.56 1.29 0.00	32.37 1.23 0.00	33.26 1.17 0.00	38.50 1.31 0.00	42.64 1.19 0.00	40.02 1.55 0.00	39.52 1.63 0.00	35.45 1.68 0.00	33.70 1.70 0.00	31.75 1.18 0.00	34.02 1.60 0.00	31.98 1.27 0.00	28.71 0.90 0.00	35.63 1.09 0.00	39.45 1.11 0.00	43.11 0.96 0.00	43.23 0.94 0.00	67.78 1.33 -25.20	135.90 1.30 -92.38	34.18 1.23 0.00	32.52 1.10 0.00
STURGEON_POOL_HYD 23609	42.93 1.24 0.00	35.42 1.00 0.00	26.38 0.76 0.00	35.22 0.96 0.00	32.01 0.88 0.00	33.06 0.97 0.00	38.37 1.18 0.00	42.71 1.26 0.00	39.85 1.38 0.00	39.27 1.38 0.00	35.00 1.24 0.00	33.20 1.21 0.00	31.74 1.17 0.00	33.65 1.23 0.00	31.83 1.12 0.00	28.79 0.98 0.00	35.72 1.19 0.00	39.54 1.20 0.00	43.43 1.28 0.00	43.64 1.36 0.00	42.60 1.35 0.00	43.60 1.38 0.00	34.14 1.19 0.00	32.51 1.09 0.00

ST_LAW_115_BK7_LBMP 345037	41.82 0.14 0.00	34.51 0.10 0.00	25.67 0.04 0.00	34.39 0.12 0.00	31.26 0.12 0.00	32.10 0.01 0.00	37.34 0.15 0.00	41.75 0.30 0.00	38.79 0.32 0.00	38.27 0.38 0.00	34.16 0.39 0.00	32.38 0.38 0.00	30.93 0.35 0.00	32.82 0.39 0.00	31.06 0.34 0.00	28.09 0.28 0.00	34.76 0.23 0.00	38.59 0.24 0.00	42.55 0.40 0.00	42.70 0.42 0.00	41.58 0.33 0.00	42.56 0.34 0.00	33.13 0.18 0.00	31.60 0.17 0.00
ST_LAW_115_BK8_LBMP 345038	41.82 0.14 0.00	34.51 0.10 0.00	25.67 0.04 0.00	34.39 0.12 0.00	31.26 0.12 0.00	32.10 0.01 0.00	37.34 0.15 0.00	41.75 0.30 0.00	38.79 0.32 0.00	38.27 0.38 0.00	34.16 0.39 0.00	32.38 0.38 0.00	30.93 0.35 0.00	32.82 0.39 0.00	31.06 0.34 0.00	28.09 0.28 0.00	34.76 0.23 0.00	38.59 0.24 0.00	42.55 0.40 0.00	42.70 0.42 0.00	41.58 0.33 0.00	42.56 0.34 0.00	33.13 0.18 0.00	31.60 0.17 0.00
ST_LAW_230_BK5_LBMP 345035	41.77 0.09 0.00	34.48 0.07 0.00	25.65 0.02 0.00	34.35 0.09 0.00	31.24 0.11 0.00	32.10 0.01 0.00	37.32 0.13 0.00	41.71 0.25 0.00	38.75 0.29 0.00	38.25 0.36 0.00	34.13 0.37 0.00	32.35 0.35 0.00	30.90 0.33 0.00	32.80 0.37 0.00	31.04 0.32 0.00	28.07 0.26 0.00	34.74 0.21 0.00	38.56 0.22 0.00	42.50 0.35 0.00	42.65 0.36 0.00	41.54 0.30 0.00	42.51 0.29 0.00	33.10 0.15 0.00	31.57 0.14 0.00
ST_LAW_230_BK6_LBMP 345036	41.77 0.09 0.00	34.48 0.07 0.00	25.65 0.02 0.00	34.35 0.09 0.00	31.24 0.11 0.00	32.10 0.01 0.00	37.32 0.13 0.00	41.71 0.25 0.00	38.75 0.29 0.00	38.25 0.36 0.00	34.13 0.37 0.00	32.35 0.35 0.00	30.90 0.33 0.00	32.80 0.37 0.00	31.04 0.32 0.00	28.07 0.26 0.00	34.74 0.21 0.00	38.56 0.22 0.00	42.50 0.35 0.00	42.65 0.36 0.00	41.54 0.30 0.00	42.51 0.29 0.00	33.10 0.15 0.00	31.57 0.14 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	42.73 1.05 0.00	35.34 0.93 0.00	26.32 0.69 0.00	35.16 0.89 0.00	31.95 0.82 0.00	32.99 0.90 0.00	38.28 1.09 0.00	42.59 1.14 0.00	39.69 1.22 0.00	39.16 1.26 0.00	34.92 1.15 0.00	33.14 1.14 0.00	31.69 1.11 0.00	33.61 1.19 0.00	31.76 1.04 0.00	28.74 0.93 0.00	35.64 1.11 0.00	39.44 1.10 0.00	43.38 1.23 0.00	43.53 1.25 0.00	42.44 1.19 0.00	43.45 1.22 0.00	34.04 1.10 0.00	32.44 1.01 0.00
SWANROAD_115KV_TB1 355699	40.80 -0.88 0.00	33.81 -0.60 0.00	24.99 -0.64 0.00	33.69 -0.57 0.00	30.47 -0.66 0.00	31.23 -0.86 0.00	35.52 -1.66 0.00	39.16 -2.29 0.00	36.66 -1.81 0.00	36.71 -1.18 0.00	33.38 -0.38 0.00	31.69 -0.32 0.00	30.34 -0.23 0.00	31.91 -0.51 0.00	30.42 -0.30 0.00	27.28 -0.53 0.00	32.70 -1.84 0.00	36.21 -2.13 0.00	39.39 -2.75 0.00	39.30 -2.99 0.00	37.97 -3.28 0.00	39.14 -3.08 0.00	31.03 -1.92 0.00	30.52 -0.91 0.00
SYNERGY___BIOGAS 323694	42.17 0.49 0.00	34.89 0.48 0.00	25.80 0.17 0.00	34.72 0.46 0.00	31.44 0.31 0.00	32.29 0.20 0.00	36.95 -0.24 0.00	40.93 -0.52 0.00	38.32 -0.14 0.00	38.28 0.39 0.00	34.66 0.89 0.00	32.85 0.86 0.00	31.46 0.89 0.00	33.08 0.66 0.00	31.52 0.80 0.00	28.38 0.57 0.00	34.33 -0.20 0.00	38.10 -0.24 0.00	41.58 -0.57 0.00	41.50 -0.78 0.00	40.14 -1.11 0.00	41.21 -1.01 0.00	32.48 -0.47 0.00	31.63 0.20 0.00
SYRACUSE___ENERGY_ST1 323597	41.52 -0.16 0.00	34.31 -0.10 0.00	25.51 -0.12 0.00	34.14 -0.13 0.00	30.99 -0.15 0.00	31.96 -0.13 0.00	36.96 -0.23 0.00	41.10 -0.35 0.00	38.06 -0.41 0.00	37.46 -0.43 0.00	33.46 -0.31 0.00	31.73 -0.27 0.00	30.33 -0.25 0.00	32.13 -0.30 0.00	30.48 -0.23 0.00	27.61 -0.20 0.00	34.28 -0.26 0.00	38.14 -0.20 0.00	41.85 -0.30 0.00	41.93 -0.35 0.00	40.86 -0.39 0.00	41.81 -0.41 0.00	32.66 -0.29 0.00	31.20 -0.23 0.00
SYRACUSE___ENERGY_ST2 323598	41.52 -0.16 0.00	34.31 -0.10 0.00	25.51 -0.12 0.00	34.14 -0.13 0.00	30.99 -0.15 0.00	31.96 -0.13 0.00	36.96 -0.23 0.00	41.10 -0.35 0.00	38.06 -0.41 0.00	37.46 -0.43 0.00	33.46 -0.31 0.00	31.73 -0.27 0.00	30.33 -0.25 0.00	32.13 -0.30 0.00	30.48 -0.23 0.00	27.61 -0.20 0.00	34.28 -0.26 0.00	38.14 -0.20 0.00	41.85 -0.30 0.00	41.93 -0.35 0.00	40.86 -0.39 0.00	41.81 -0.41 0.00	32.66 -0.29 0.00	31.20 -0.23 0.00
SYRACUSE___POWER 24017	41.50 -0.18 0.00	34.28 -0.13 0.00	25.50 -0.12 0.00	34.11 -0.15 0.00	30.97 -0.16 0.00	31.93 -0.15 0.00	36.93 -0.26 0.00	41.08 -0.37 0.00	38.07 -0.39 0.00	37.46 -0.43 0.00	33.43 -0.34 0.00	31.70 -0.29 0.00	30.28 -0.29 0.00	32.10 -0.32 0.00	30.45 -0.26 0.00	27.59 -0.22 0.00	34.24 -0.30 0.00	38.10 -0.24 0.00	41.81 -0.34 0.00	41.92 -0.36 0.00	40.83 -0.42 0.00	41.79 -0.43 0.00	32.66 -0.29 0.00	31.18 -0.25 0.00
TALLMAN__138KV_BK151 55660	42.76 1.08 0.00	35.34 0.93 0.00	26.32 0.69 0.00	35.16 0.89 0.00	31.96 0.83 0.00	32.99 0.90 0.00	38.28 1.09 0.00	42.57 1.12 0.00	39.69 1.22 0.00	39.18 1.29 0.00	34.98 1.21 0.00	33.20 1.20 0.00	31.74 1.17 0.00	33.66 1.23 0.00	31.78 1.07 0.00	28.74 0.94 0.00	35.64 1.11 0.00	39.40 1.06 0.00	43.35 1.19 0.00	43.51 1.23 0.00	42.41 1.16 0.00	43.42 1.20 0.00	34.05 1.10 0.00	32.46 1.04 0.00
TEALLAVE_115KV_TB7 355573	41.31 -0.37 0.00	34.12 -0.29 0.00	25.39 -0.24 0.00	33.96 -0.31 0.00	30.82 -0.31 0.00	31.78 -0.31 0.00	36.73 -0.45 0.00	40.86 -0.59 0.00	37.87 -0.59 0.00	37.29 -0.60 0.00	33.30 -0.47 0.00	31.57 -0.42 0.00	30.17 -0.40 0.00	31.97 -0.45 0.00	30.32 -0.40 0.00	27.46 -0.35 0.00	34.07 -0.47 0.00	37.87 -0.47 0.00	41.56 -0.59 0.00	41.67 -0.61 0.00	40.58 -0.67 0.00	41.54 -0.68 0.00	32.48 -0.47 0.00	31.02 -0.41 0.00
TELGRAPH_34_KV_EAST 80808	41.47 -0.21 0.00	34.35 -0.06 0.00	25.39 -0.24 0.00	34.21 -0.06 0.00	30.94 -0.19 0.00	31.76 -0.33 0.00	36.22 -0.97 0.00	40.05 -1.40 0.00	37.50 -0.96 0.00	37.50 -0.39 0.00	34.04 0.27 0.00	32.30 0.30 0.00	30.92 0.34 0.00	32.53 0.11 0.00	30.99 0.27 0.00	27.83 0.02 0.00	33.52 -1.02 0.00	37.18 -1.17 0.00	40.50 -1.65 0.00	40.43 -1.86 0.00	39.08 -2.17 0.00	40.20 -2.02 0.00	31.78 -1.17 0.00	31.08 -0.35 0.00
TEMPLE___115KV_TB 2 55572	41.32 -0.36 0.00	34.14 -0.27 0.00	25.40 -0.23 0.00	33.97 -0.30 0.00	30.83 -0.30 0.00	31.79 -0.30 0.00	36.74 -0.45 0.00	40.87 -0.58 0.00	37.89 -0.57 0.00	37.31 -0.58 0.00	33.31 -0.46 0.00	31.59 -0.40 0.00	30.18 -0.39 0.00	31.99 -0.43 0.00	30.34 -0.37 0.00	27.48 -0.33 0.00	34.08 -0.45 0.00	37.88 -0.46 0.00	41.57 -0.58 0.00	41.68 -0.60 0.00	40.60 -0.65 0.00	41.55 -0.67 0.00	32.48 -0.46 0.00	31.03 -0.40 0.00
TIANA____69_KV_BK 1 55817	43.19 1.51 0.00	35.74 1.33 0.00	26.67 1.04 0.00	35.65 1.39 0.00	32.44 1.31 0.00	33.36 1.27 0.00	38.65 1.46 0.00	42.81 1.36 0.00	40.16 1.70 0.00	39.61 1.72 0.00	35.53 1.76 0.00	33.79 1.79 0.00	31.78 1.21 0.00	34.10 1.68 0.00	31.95 1.23 0.00	28.67 0.86 0.00	35.68 1.14 0.00	39.49 1.15 0.00	43.25 1.10 0.00	43.34 1.06 -0.01	64.94 1.27 -22.42	125.65 1.24 -82.19	34.09 1.14 0.00	32.36 0.94 0.00

TILDEN___115KV_TB1 80814	41.50 -0.18 0.00	34.28 -0.13 0.00	25.50 -0.12 0.00	34.11 -0.15 0.00	30.97 -0.16 0.00	31.93 -0.15 0.00	36.93 -0.26 0.00	41.08 -0.37 0.00	38.07 -0.39 0.00	37.46 -0.43 0.00	33.43 -0.34 0.00	31.70 -0.29 0.00	30.28 -0.29 0.00	32.10 -0.32 0.00	30.45 -0.26 0.00	27.59 -0.22 0.00	34.24 -0.30 0.00	38.10 -0.24 0.00	41.81 -0.34 0.00	41.92 -0.36 0.00	40.83 -0.42 0.00	41.79 -0.43 0.00	32.66 -0.29 0.00	31.18 -0.25 0.00
TRIGEN___CC 323695	43.03 1.35 0.00	35.49 1.08 0.00	26.44 0.81 0.00	35.29 1.03 0.00	32.10 0.96 0.00	33.04 0.95 0.00	38.25 1.07 0.00	42.47 1.02 0.00	39.78 1.31 0.00	39.28 1.38 0.00	35.19 1.42 0.00	33.40 1.40 0.00	31.68 1.11 0.00	33.81 1.39 0.00	31.86 1.15 0.00	28.68 0.87 0.00	35.56 1.03 0.00	39.31 0.96 0.00	43.20 1.05 0.00	43.33 1.05 0.00	42.38 1.13 0.00	43.37 1.15 0.00	34.05 1.10 0.00	32.47 1.04 0.00
TRINITY__115KV__4 BK 55933	41.80 0.12 0.00	34.48 0.07 0.00	25.80 0.17 0.00	34.32 0.05 0.00	31.24 0.10 0.00	32.29 0.20 0.00	37.45 0.27 0.00	41.84 0.38 0.00	38.79 0.33 0.00	38.05 0.15 0.00	33.70 -0.07 0.00	31.89 -0.11 0.00	30.54 -0.04 0.00	32.40 -0.02 0.00	30.73 0.02 0.00	27.88 0.07 0.00	34.85 0.32 0.00	38.54 0.19 0.00	42.33 0.18 0.00	42.46 0.18 0.00	41.54 0.29 0.00	42.51 0.29 0.00	33.25 0.31 0.00	31.67 0.25 0.00
UNION___PROCESSING_DRP 323587	41.62 -0.06 0.00	34.41 0.00 0.00	25.52 -0.11 0.00	34.25 -0.02 0.00	31.03 -0.10 0.00	31.92 -0.16 0.00	36.71 -0.48 0.00	40.82 -0.63 0.00	38.03 -0.43 0.00	37.76 -0.13 0.00	33.98 0.21 0.00	32.22 0.23 0.00	30.85 0.28 0.00	32.58 0.16 0.00	30.96 0.24 0.00	27.92 0.11 0.00	34.19 -0.35 0.00	37.95 -0.40 0.00	41.53 -0.63 0.00	41.53 -0.75 0.00	40.30 -0.95 0.00	41.31 -0.91 0.00	32.39 -0.56 0.00	31.23 -0.19 0.00
UPPER HUDSON___HYD 24058	43.05 1.37 0.00	35.42 1.01 0.00	26.49 0.86 0.00	35.34 1.07 0.00	32.12 0.99 0.00	33.18 1.09 0.00	38.53 1.34 0.00	43.04 1.59 0.00	39.66 1.19 0.00	38.58 0.69 0.00	34.03 0.26 0.00	32.17 0.17 0.00	30.73 0.15 0.00	32.61 0.19 0.00	31.00 0.28 0.00	28.14 0.34 0.00	35.54 1.01 0.00	39.62 1.27 0.00	43.70 1.55 0.00	43.87 1.59 0.00	42.92 1.67 0.00	43.80 1.58 0.00	34.12 1.17 0.00	32.44 1.02 0.00
UPPER RAQUET___HYD 24056	42.48 0.80 0.00	35.07 0.66 0.00	26.03 0.40 0.00	34.93 0.66 0.00	31.77 0.64 0.00	32.57 0.48 0.00	38.16 0.97 0.00	42.75 1.30 0.00	39.58 1.11 0.00	38.85 0.96 0.00	34.60 0.83 0.00	32.69 0.69 0.00	31.23 0.66 0.00	33.08 0.65 0.00	31.32 0.60 0.00	28.32 0.51 0.00	35.17 0.63 0.00	39.33 0.99 0.00	43.80 1.65 0.00	43.99 1.71 0.00	42.80 1.55 0.00	43.77 1.55 0.00	33.97 1.02 0.00	32.27 0.84 0.00
VALLEY44_115KV_TB2 355964	40.89 -0.79 0.00	34.07 -0.34 0.00	25.28 -0.35 0.00	34.13 -0.14 0.00	30.83 -0.30 0.00	31.71 -0.38 0.00	36.48 -0.71 0.00	40.63 -0.82 0.00	37.83 -0.64 0.00	37.88 -0.01 0.00	34.19 0.42 0.00	32.40 0.40 0.00	30.78 0.20 0.00	32.19 -0.24 0.00	30.70 -0.02 0.00	27.60 -0.21 0.00	33.50 -1.03 0.00	37.27 -1.07 0.00	40.65 -1.50 0.00	40.49 -1.79 0.00	39.14 -2.11 0.00	40.23 -1.99 0.00	31.63 -1.32 0.00	30.95 -0.47 0.00
VALLEY___115KV_TB 1-4 80826	43.16 1.48 0.00	35.58 1.17 0.00	26.54 0.92 0.00	35.45 1.18 0.00	32.20 1.07 0.00	33.27 1.18 0.00	38.62 1.43 0.00	43.07 1.63 0.00	39.53 1.07 0.00	38.48 0.58 0.00	33.99 0.22 0.00	32.18 0.18 0.00	30.71 0.13 0.00	32.55 0.12 0.00	30.88 0.16 0.00	28.16 0.35 0.00	35.35 0.82 0.00	39.45 1.11 0.00	43.53 1.37 0.00	43.45 1.17 0.00	42.52 1.27 0.00	43.59 1.37 0.00	33.96 1.01 0.00	32.34 0.91 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	43.07 1.39 0.00	35.59 1.18 0.00	26.47 0.84 0.00	35.37 1.10 0.00	32.11 0.97 0.00	33.16 1.07 0.00	38.51 1.32 0.00	42.90 1.45 0.00	39.85 1.38 0.00	39.24 1.35 0.00	34.97 1.20 0.00	33.12 1.13 0.00	31.65 1.08 0.00	33.43 1.01 0.00	31.66 0.94 0.00	28.72 0.91 0.00	35.74 1.20 0.00	39.82 1.48 0.00	43.63 1.48 0.00	43.77 1.48 0.00	42.69 1.44 0.00	43.66 1.43 0.00	34.01 1.06 0.00	32.37 0.95 0.00
VISCHER___FERRY HYD 24020	42.53 0.85 0.00	35.01 0.60 0.00	26.17 0.54 0.00	34.86 0.60 0.00	31.71 0.58 0.00	32.78 0.70 0.00	38.03 0.85 0.00	42.48 1.03 0.00	39.33 0.87 0.00	38.51 0.62 0.00	34.06 0.29 0.00	32.23 0.23 0.00	30.83 0.25 0.00	32.72 0.30 0.00	31.02 0.30 0.00	28.15 0.34 0.00	35.33 0.79 0.00	39.14 0.79 0.00	43.04 0.89 0.00	43.19 0.91 0.00	42.27 1.02 0.00	43.24 1.02 0.00	33.77 0.82 0.00	32.15 0.72 0.00
V_A_10_SYNC_DSASP 323832	41.17 -0.51 0.00	34.13 -0.29 0.00	25.25 -0.38 0.00	34.03 -0.24 0.00	30.77 -0.36 0.00	31.58 -0.51 0.00	36.04 -1.14 0.00	39.96 -1.49 0.00	37.32 -1.15 0.00	37.28 -0.62 0.00	33.78 0.01 0.00	32.05 0.05 0.00	30.68 0.11 0.00	32.28 -0.15 0.00	30.73 0.02 0.00	27.61 -0.20 0.00	33.33 -1.20 0.00	36.94 -1.41 0.00	40.27 -1.88 0.00	40.19 -2.09 0.00	38.89 -2.36 0.00	39.99 -2.22 0.00	31.60 -1.35 0.00	30.85 -0.58 0.00
V_CMM_10_SYNC_DSASP 323787	42.04 0.36 0.00	34.70 0.28 0.00	25.80 0.17 0.00	34.57 0.30 0.00	31.39 0.26 0.00	32.27 0.18 0.00	37.55 0.36 0.00	41.95 0.50 0.00	38.98 0.51 0.00	38.46 0.57 0.00	34.33 0.57 0.00	32.54 0.54 0.00	31.09 0.51 0.00	32.99 0.57 0.00	31.23 0.51 0.00	28.24 0.43 0.00	34.94 0.41 0.00	38.79 0.45 0.00	42.78 0.62 0.00	42.91 0.63 0.00	41.79 0.54 0.00	42.77 0.55 0.00	33.30 0.35 0.00	31.75 0.33 0.00
V_CMP_10_SYNC_DSASP 323788	41.63 -0.05 0.00	34.14 -0.27 0.00	25.57 -0.06 0.00	34.42 0.15 0.00	31.59 0.46 0.00	32.54 0.45 0.00	38.08 0.89 0.00	42.88 1.42 0.00	39.93 1.46 0.00	39.41 1.52 0.00	35.09 1.32 0.00	33.30 1.31 0.00	31.71 1.13 0.00	33.62 1.20 0.00	31.84 1.12 0.00	28.87 1.06 0.00	35.85 1.32 0.00	39.68 1.34 0.00	43.76 1.61 0.00	43.85 1.57 0.00	42.87 1.62 0.00	43.79 1.57 0.00	34.04 1.10 0.00	32.32 0.89 0.00
V_D_10_SYNC_DSASP 323841	42.26 0.58 0.00	34.89 0.47 0.00	25.93 0.31 0.00	34.76 0.49 0.00	31.54 0.40 0.00	32.19 0.10 0.00	37.70 0.52 0.00	42.18 0.73 0.00	39.17 0.70 0.00	38.64 0.75 0.00	34.48 0.71 0.00	32.67 0.67 0.00	31.21 0.64 0.00	33.12 0.70 0.00	31.35 0.63 0.00	28.35 0.54 0.00	35.08 0.55 0.00	38.99 0.65 0.00	43.05 0.90 0.00	43.20 0.92 0.00	42.06 0.81 0.00	43.04 0.82 0.00	33.49 0.54 0.00	31.93 0.51 0.00
V_E_10_SYNC_DSASP 323830	42.97 1.29 0.00	35.64 1.23 0.00	26.41 0.78 0.00	35.35 1.09 0.00	32.06 0.93 0.00	33.25 1.16 0.00	38.66 1.47 0.00	43.19 1.74 0.00	39.80 1.34 0.00	38.87 0.98 0.00	34.54 0.77 0.00	32.64 0.64 0.00	31.19 0.61 0.00	32.83 0.41 0.00	31.22 0.50 0.00	28.63 0.82 0.00	36.08 1.55 0.00	40.75 2.41 0.00	44.95 2.80 0.00	45.07 2.79 0.00	43.47 2.22 0.00	44.35 2.13 0.00	34.29 1.35 0.00	32.46 1.03 0.00

V_F_30_NSYNC___DSASP 323816	43.11 1.43 0.00	35.50 1.09 0.00	26.51 0.89 0.00	35.39 1.12 0.00	32.14 1.01 0.00	33.22 1.13 0.00	38.56 1.38 0.00	43.04 1.59 0.00	39.74 1.28 0.00	38.82 0.93 0.00	34.32 0.55 0.00	32.45 0.45 0.00	31.01 0.43 0.00	32.91 0.49 0.00	31.25 0.53 0.00	28.37 0.56 0.00	35.70 1.16 0.00	39.71 1.36 0.00	43.69 1.54 0.00	43.84 1.56 0.00	42.87 1.62 0.00	43.82 1.60 0.00	34.19 1.24 0.00	32.54 1.11 0.00
V_F_30_SYNC_DSASP 323786	41.96 0.28 0.00	34.62 0.21 0.00	25.88 0.26 0.00	34.44 0.18 0.00	31.35 0.21 0.00	32.41 0.32 0.00	37.59 0.41 0.00	41.99 0.53 0.00	38.92 0.46 0.00	38.16 0.27 0.00	33.81 0.05 0.00	32.00 0.01 0.00	30.65 0.07 0.00	32.52 0.09 0.00	30.85 0.13 0.00	27.99 0.18 0.00	35.00 0.46 0.00	38.72 0.38 0.00	42.52 0.37 0.00	42.65 0.38 0.00	41.73 0.48 0.00	42.69 0.47 0.00	33.39 0.44 0.00	31.79 0.36 0.00
V_XM_10_SYNC_DSASP 323789	41.63 -0.05 0.00	34.14 -0.27 0.00	25.57 -0.06 0.00	34.42 0.15 0.00	31.59 0.46 0.00	32.54 0.45 0.00	38.08 0.89 0.00	42.88 1.42 0.00	39.93 1.46 0.00	39.41 1.52 0.00	35.09 1.32 0.00	33.30 1.31 0.00	31.71 1.13 0.00	33.62 1.20 0.00	31.84 1.12 0.00	28.87 1.06 0.00	35.85 1.32 0.00	39.68 1.34 0.00	43.76 1.61 0.00	43.85 1.57 0.00	42.87 1.62 0.00	43.79 1.57 0.00	34.04 1.10 0.00	32.32 0.89 0.00
W.BABYLN_69_KV_BK1 56697	43.52 1.84 0.00	35.90 1.49 0.00	26.74 1.11 0.00	35.67 1.41 0.00	32.47 1.34 0.00	33.37 1.28 0.00	38.62 1.44 0.00	42.82 1.37 0.00	40.17 1.71 0.00	39.72 1.83 0.00	35.61 1.84 0.00	33.79 1.79 0.00	31.94 1.37 0.00	34.13 1.71 0.00	32.21 1.49 0.00	28.91 1.10 0.00	35.80 1.27 0.00	39.70 1.36 0.00	43.62 1.47 0.00	43.70 1.42 0.00	44.67 1.56 -1.86	50.56 1.53 -6.81	34.36 1.41 0.00	32.73 1.31 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	43.00 1.32 0.00	35.53 1.11 0.00	26.46 0.83 0.00	35.33 1.07 0.00	32.11 0.98 0.00	33.16 1.07 0.00	38.47 1.29 0.00	42.81 1.36 0.00	39.92 1.45 0.00	39.40 1.50 0.00	35.16 1.39 0.00	33.37 1.37 0.00	31.90 1.33 0.00	33.85 1.42 0.00	31.97 1.25 0.00	28.91 1.10 0.00	35.85 1.31 0.00	39.64 1.30 0.00	43.60 1.45 0.00	43.75 1.47 0.00	42.66 1.41 0.00	43.67 1.45 0.00	34.23 1.28 0.00	32.63 1.20 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	43.21 1.53 0.00	35.67 1.26 0.00	26.59 0.96 0.00	35.45 1.19 0.00	32.24 1.10 0.00	33.30 1.21 0.00	38.64 1.45 0.00	42.89 1.44 0.00	40.11 1.65 0.00	39.54 1.64 0.00	35.29 1.53 0.00	33.52 1.52 0.00	32.03 1.45 0.00	33.99 1.57 0.00	32.11 1.39 0.00	29.03 1.22 0.00	35.92 1.38 0.00	39.62 1.28 0.00	43.53 1.38 0.00	43.67 1.39 0.00	42.61 1.36 0.00	43.65 1.43 0.00	34.29 1.34 0.00	32.69 1.27 0.00
W50THST__13_KV_LOAD 356117	43.46 1.78 0.00	35.89 1.47 0.00	26.75 1.12 0.00	35.65 1.39 0.00	32.41 1.28 0.00	33.49 1.40 0.00	38.85 1.66 0.00	43.12 1.67 0.00	40.34 1.87 0.00	39.77 1.88 0.00	35.52 1.75 0.00	33.75 1.75 0.00	32.25 1.67 0.00	34.22 1.80 0.00	32.32 1.60 0.00	29.22 1.41 0.00	36.13 1.60 0.00	39.82 1.48 0.00	43.75 1.59 0.00	43.88 1.60 0.00	42.80 1.55 0.00	43.86 1.64 0.00	34.47 1.52 0.00	32.87 1.45 0.00
WADING RIVER_IC_1 23522	42.82 1.14 0.00	35.41 1.00 0.00	26.41 0.78 0.00	35.29 1.03 0.00	32.12 0.99 0.00	33.02 0.93 0.00	38.25 1.06 0.00	42.33 0.87 0.00	39.72 1.25 0.00	39.19 1.29 0.00	35.15 1.38 0.00	33.43 1.43 0.00	31.48 0.91 0.00	33.80 1.38 0.00	31.66 0.94 0.00	28.41 0.60 0.00	35.32 0.79 0.00	39.11 0.76 0.00	42.88 0.72 0.00	42.99 0.69 -0.01	64.67 0.92 -22.49	125.59 0.93 -82.45	33.90 0.95 0.00	32.20 0.78 0.00
WADING RIVER_IC_2 23547	42.82 1.14 0.00	35.41 1.00 0.00	26.41 0.78 0.00	35.29 1.03 0.00	32.12 0.99 0.00	33.02 0.93 0.00	38.25 1.06 0.00	42.33 0.87 0.00	39.72 1.25 0.00	39.19 1.29 0.00	35.15 1.38 0.00	33.43 1.43 0.00	31.48 0.91 0.00	33.80 1.38 0.00	31.66 0.94 0.00	28.41 0.60 0.00	35.32 0.79 0.00	39.11 0.76 0.00	42.88 0.72 0.00	42.99 0.69 -0.01	64.67 0.92 -22.49	125.59 0.93 -82.45	33.90 0.95 0.00	32.20 0.78 0.00
WADING RIVER_IC_3 23601	42.82 1.14 0.00	35.41 1.00 0.00	26.41 0.78 0.00	35.29 1.03 0.00	32.12 0.99 0.00	33.02 0.93 0.00	38.25 1.06 0.00	42.33 0.87 0.00	39.72 1.25 0.00	39.19 1.29 0.00	35.15 1.38 0.00	33.43 1.43 0.00	31.48 0.91 0.00	33.80 1.38 0.00	31.66 0.94 0.00	28.41 0.60 0.00	35.32 0.79 0.00	39.11 0.76 0.00	42.88 0.72 0.00	42.99 0.69 -0.01	64.67 0.92 -22.49	125.59 0.93 -82.45	33.90 0.95 0.00	32.20 0.78 0.00
WALDENNY_12_KV_BK2 80841	41.26 -0.42 0.00	34.17 -0.24 0.00	25.26 -0.36 0.00	34.07 -0.19 0.00	30.81 -0.33 0.00	31.63 -0.45 0.00	36.15 -1.04 0.00	40.05 -1.40 0.00	37.44 -1.03 0.00	37.52 -0.37 0.00	34.05 0.28 0.00	32.32 0.32 0.00	30.93 0.36 0.00	32.53 0.11 0.00	31.01 0.30 0.00	27.86 0.05 0.00	33.57 -0.97 0.00	37.27 -1.08 0.00	40.54 -1.61 0.00	40.40 -1.88 0.00	39.03 -2.22 0.00	40.11 -2.11 0.00	31.69 -1.26 0.00	31.01 -0.42 0.00
WALDEN___HYDRO 24148	42.95 1.27 0.00	35.50 1.09 0.00	26.44 0.81 0.00	35.31 1.04 0.00	32.10 0.96 0.00	33.15 1.06 0.00	38.46 1.27 0.00	42.81 1.36 0.00	39.90 1.43 0.00	39.33 1.44 0.00	35.05 1.28 0.00	33.28 1.28 0.00	31.81 1.23 0.00	33.76 1.34 0.00	31.91 1.19 0.00	28.88 1.07 0.00	35.82 1.29 0.00	39.66 1.32 0.00	43.62 1.47 0.00	43.78 1.50 0.00	42.69 1.44 0.00	43.68 1.46 0.00	34.23 1.28 0.00	32.60 1.18 0.00
WARRENSBURG____ 23737	43.06 1.38 0.00	35.43 1.02 0.00	26.49 0.86 0.00	35.34 1.07 0.00	32.12 0.99 0.00	33.18 1.09 0.00	38.52 1.33 0.00	43.04 1.59 0.00	39.66 1.19 0.00	38.58 0.69 0.00	34.03 0.26 0.00	32.17 0.17 0.00	30.72 0.15 0.00	32.61 0.19 0.00	31.00 0.28 0.00	28.15 0.34 0.00	35.54 1.00 0.00	39.62 1.28 0.00	43.70 1.55 0.00	43.87 1.59 0.00	42.92 1.67 0.00	43.80 1.58 0.00	34.12 1.18 0.00	32.44 1.02 0.00
WATERSIDE___6 8 9 23538	43.08 1.40 0.00	35.51 1.10 0.00	26.51 0.89 0.00	35.33 1.06 0.00	32.12 0.99 0.00	33.25 1.16 0.00	38.57 1.38 0.00	42.77 1.32 0.00	40.05 1.59 0.00	39.46 1.57 0.00	35.27 1.50 0.00	33.52 1.52 0.00	32.02 1.44 0.00	33.97 1.55 0.00	32.09 1.38 0.00	29.02 1.21 0.00	35.84 1.31 0.00	39.49 1.15 0.00	43.39 1.24 0.00	43.56 1.28 0.00	42.49 1.25 0.00	43.54 1.32 0.00	34.26 1.32 0.00	32.66 1.23 0.00
WATKINRD_115KV_LN8_ILLION 55919	42.68 0.99 0.00	35.20 0.78 0.00	26.24 0.62 0.00	35.05 0.79 0.00	31.84 0.71 0.00	32.89 0.80 0.00	38.16 0.97 0.00	42.55 1.10 0.00	39.19 0.73 0.00	38.27 0.37 0.00	33.88 0.11 0.00	32.09 0.09 0.00	30.63 0.05 0.00	32.46 0.04 0.00	30.79 0.07 0.00	28.02 0.21 0.00	35.09 0.55 0.00	39.10 0.76 0.00	43.11 0.96 0.00	43.12 0.85 0.00	42.16 0.91 0.00	43.19 0.98 0.00	33.67 0.73 0.00	32.07 0.65 0.00

WDELAWARE___HYD 323627	42.49 0.81 0.00	35.11 0.70 0.00	26.12 0.50 0.00	34.89 0.62 0.00	31.68 0.55 0.00	32.73 0.64 0.00	38.00 0.82 0.00	42.33 0.88 0.00	39.43 0.96 0.00	38.84 0.95 0.00	34.55 0.78 0.00	32.74 0.74 0.00	31.16 0.58 0.00	32.34 -0.08 0.00	30.59 -0.12 0.00	27.73 -0.08 0.00	34.44 -0.09 0.00	38.23 -0.11 0.00	42.18 0.03 0.00	43.36 1.08 0.00	42.29 1.05 0.00	43.26 1.04 0.00	33.85 0.90 0.00	32.21 0.79 0.00
WEST BABYLON___IC 23714	43.52 1.84 0.00	35.90 1.49 0.00	26.74 1.11 0.00	35.67 1.41 0.00	32.47 1.34 0.00	33.37 1.28 0.00	38.62 1.44 0.00	42.82 1.37 0.00	40.17 1.71 0.00	39.72 1.83 0.00	35.61 1.84 0.00	33.79 1.79 0.00	31.94 1.37 0.00	34.13 1.71 0.00	32.21 1.49 0.00	28.91 1.10 0.00	35.80 1.27 0.00	39.70 1.36 0.00	43.62 1.47 0.00	43.70 1.42 0.00	44.67 1.56 -1.86	50.56 1.53 -6.81	34.36 1.41 0.00	32.73 1.31 0.00
WEST CANADA___HYD 24049	41.71 0.03 0.00	34.44 0.02 0.00	25.65 0.03 0.00	34.29 0.02 0.00	31.15 0.02 0.00	32.14 0.05 0.00	37.26 0.07 0.00	41.50 0.05 0.00	38.50 0.04 0.00	37.89 0.00 0.00	33.73 -0.04 0.00	31.94 -0.06 0.00	30.52 -0.05 0.00	32.36 -0.06 0.00	30.67 -0.04 0.00	27.79 -0.03 0.00	34.58 0.05 0.00	38.41 0.07 0.00	42.23 0.08 0.00	42.35 0.07 0.00	41.34 0.09 0.00	42.31 0.09 0.00	33.01 0.06 0.00	31.46 0.03 0.00
WESTERN_NY_WIND 24143	42.13 0.45 0.00	34.86 0.45 0.00	25.77 0.15 0.00	34.70 0.43 0.00	31.41 0.27 0.00	32.26 0.17 0.00	36.89 -0.30 0.00	40.87 -0.58 0.00	38.26 -0.20 0.00	38.23 0.34 0.00	34.62 0.85 0.00	32.82 0.82 0.00	31.43 0.85 0.00	33.04 0.62 0.00	31.49 0.77 0.00	28.35 0.54 0.00	34.28 -0.25 0.00	38.04 -0.30 0.00	41.51 -0.64 0.00	41.43 -0.84 0.00	40.06 -1.19 0.00	41.15 -1.07 0.00	32.44 -0.51 0.00	31.59 0.16 0.00
WESTOVER___LESR 323668	41.58 -0.10 0.00	34.43 0.02 0.00	25.61 -0.02 0.00	34.30 0.04 0.00	31.06 -0.07 0.00	32.05 -0.03 0.00	37.19 0.00 0.00	41.39 -0.06 0.00	38.32 -0.14 0.00	37.88 -0.01 0.00	33.79 0.02 0.00	32.05 0.06 0.00	30.55 -0.03 0.00	32.28 -0.14 0.00	30.64 -0.08 0.00	27.76 -0.05 0.00	34.39 -0.14 0.00	38.39 0.05 0.00	42.01 -0.14 0.00	42.10 -0.18 0.00	40.97 -0.28 0.00	42.00 -0.22 0.00	32.77 -0.17 0.00	31.42 -0.01 0.00
WETHRSFD_WT_PWR 323626	40.23 -1.45 0.00	33.36 -1.05 0.00	24.69 -0.94 0.00	33.25 -1.01 0.00	30.14 -0.99 0.00	31.08 -1.01 0.00	35.72 -1.47 0.00	39.63 -1.83 0.00	37.02 -1.45 0.00	37.02 -0.87 0.00	33.45 -0.31 0.00	31.76 -0.24 0.00	30.45 -0.13 0.00	32.04 -0.38 0.00	30.55 -0.16 0.00	27.63 -0.18 0.00	33.61 -0.92 0.00	37.37 -0.97 0.00	40.55 -1.60 0.00	40.20 -2.08 0.00	38.90 -2.35 0.00	39.88 -2.34 0.00	31.38 -1.57 0.00	30.47 -0.96 0.00
WHAVSTOR_138KV_BK127 55557	42.76 1.08 0.00	35.33 0.92 0.00	26.32 0.69 0.00	35.15 0.89 0.00	31.94 0.81 0.00	32.99 0.90 0.00	38.26 1.08 0.00	42.56 1.11 0.00	39.69 1.22 0.00	39.16 1.27 0.00	34.95 1.18 0.00	33.17 1.17 0.00	31.70 1.13 0.00	33.63 1.21 0.00	31.77 1.05 0.00	28.73 0.92 0.00	35.61 1.08 0.00	39.37 1.03 0.00	43.30 1.15 0.00	43.46 1.18 0.00	42.39 1.14 0.00	43.40 1.18 0.00	34.03 1.08 0.00	32.44 1.01 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	42.76 1.08 0.00	35.33 0.92 0.00	26.32 0.69 0.00	35.15 0.89 0.00	31.94 0.81 0.00	32.99 0.90 0.00	38.26 1.08 0.00	42.56 1.11 0.00	39.69 1.22 0.00	39.16 1.27 0.00	34.95 1.18 0.00	33.17 1.17 0.00	31.70 1.13 0.00	33.63 1.21 0.00	31.77 1.05 0.00	28.73 0.92 0.00	35.61 1.08 0.00	39.37 1.03 0.00	43.30 1.15 0.00	43.46 1.18 0.00	42.39 1.14 0.00	43.40 1.18 0.00	34.03 1.08 0.00	32.44 1.01 0.00
WHITEHAL_115KV_TB1 80871	44.29 2.61 0.00	36.14 1.72 0.00	27.13 1.50 0.00	36.22 1.96 0.00	32.93 1.80 0.00	34.10 2.02 0.00	39.77 2.58 0.00	44.54 3.09 0.00	40.80 2.34 0.00	39.13 1.24 0.00	34.35 0.58 0.00	32.66 0.66 0.00	31.17 0.60 0.00	33.13 0.71 0.00	31.72 1.01 0.00	28.83 1.02 0.00	36.66 2.13 0.00	40.73 2.39 0.00	44.94 2.79 0.00	45.20 2.92 0.00	44.43 3.18 0.00	45.31 3.09 0.00	35.15 2.20 0.00	33.25 1.82 0.00
WHITEPLN_13_KV_LOAD 356215	43.31 1.63 0.00	35.76 1.35 0.00	26.65 1.02 0.00	35.55 1.29 0.00	32.31 1.18 0.00	33.37 1.28 0.00	38.72 1.54 0.00	43.06 1.61 0.00	40.22 1.75 0.00	39.68 1.79 0.00	35.41 1.64 0.00	33.62 1.63 0.00	32.12 1.55 0.00	34.09 1.66 0.00	32.22 1.50 0.00	29.13 1.32 0.00	36.10 1.57 0.00	39.88 1.54 0.00	43.85 1.69 0.00	43.99 1.72 0.00	42.92 1.67 0.00	43.94 1.72 0.00	34.46 1.52 0.00	32.83 1.40 0.00
WM_FLOYD_69_KV_BK2 356380	43.20 1.52 0.00	35.72 1.31 0.00	26.64 1.01 0.00	35.58 1.32 0.00	32.38 1.25 0.00	33.28 1.19 0.00	38.54 1.36 0.00	42.69 1.24 0.00	40.04 1.58 0.00	39.52 1.63 0.00	35.44 1.67 0.00	33.68 1.69 0.00	31.70 1.12 0.00	34.00 1.58 0.00	31.91 1.19 0.00	28.66 0.85 0.00	35.62 1.08 0.00	39.46 1.12 0.00	43.28 1.13 0.00	43.40 1.11 -0.01	64.75 1.32 -22.18	124.84 1.32 -81.30	34.19 1.24 0.00	32.49 1.06 0.00
WOODARD___115KV_TB2 355635	41.26 -0.42 0.00	34.08 -0.33 0.00	25.35 -0.28 0.00	33.92 -0.35 0.00	30.78 -0.35 0.00	31.74 -0.34 0.00	36.68 -0.51 0.00	40.81 -0.64 0.00	37.83 -0.64 0.00	37.25 -0.64 0.00	33.26 -0.51 0.00	31.52 -0.48 0.00	30.13 -0.45 0.00	31.93 -0.49 0.00	30.28 -0.43 0.00	27.41 -0.40 0.00	34.03 -0.51 0.00	37.83 -0.51 0.00	41.53 -0.62 0.00	41.64 -0.64 0.00	40.57 -0.68 0.00	41.52 -0.70 0.00	32.45 -0.50 0.00	30.98 -0.44 0.00
WOODMERE_69_KV_BK1 55827	43.45 1.77 0.00	35.80 1.39 0.00	26.66 1.04 0.00	35.59 1.33 0.00	32.37 1.24 0.00	33.32 1.23 0.00	38.55 1.37 0.00	42.81 1.36 0.00	40.11 1.65 0.00	39.62 1.73 0.00	35.55 1.78 0.00	33.73 1.73 0.00	31.97 1.40 0.00	34.13 1.71 0.00	32.16 1.44 0.00	28.92 1.11 0.00	35.88 1.35 0.00	39.67 1.32 0.00	43.61 1.46 0.00	43.75 1.47 0.00	42.81 1.56 0.00	43.76 1.53 0.00	34.35 1.40 0.00	32.75 1.32 0.00
YORK___WARBASSE 23770	42.99 1.31 0.00	35.48 1.07 0.00	26.49 0.86 0.00	35.29 1.02 0.00	32.09 0.95 0.00	33.21 1.12 0.00	38.53 1.34 0.00	42.69 1.24 0.00	40.03 1.56 0.00	39.46 1.57 0.00	35.27 1.50 0.00	33.48 1.48 0.00	31.97 1.39 0.00	33.92 1.50 0.00	32.05 1.33 0.00	28.97 1.16 0.00	35.77 1.23 0.00	39.40 1.06 0.00	43.34 1.19 0.00	43.52 1.24 0.00	42.46 1.21 0.00	43.50 1.28 0.00	34.27 1.32 0.00	32.67 1.24 0.00