

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

10/12/2025

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	39.74	39.63	36.19	36.54	31.69	30.00	32.65	37.48	34.77	27.80	24.81	33.19	35.63	39.48	38.39	39.92	40.00	41.30	55.46	65.37	39.16	39.15	37.55	35.00
24138	1.71	1.58	1.27	1.35	1.18	1.17	1.25	1.35	1.46	1.38	1.42	2.01	2.12	2.19	2.02	1.98	1.82	1.86	2.26	2.81	1.78	1.87	1.64	1.42
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	39.75	39.64	36.19	36.48	31.64	29.96	32.60	37.45	34.74	27.76	24.78	33.14	35.59	39.46	38.40	39.94	40.03	41.33	55.51	65.45	39.21	39.19	37.56	35.00
24260	1.72	1.59	1.28	1.28	1.13	1.13	1.19	1.31	1.43	1.34	1.40	1.96	2.08	2.17	2.03	2.00	1.85	1.89	2.31	2.89	1.83	1.91	1.65	1.42
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	39.75	39.64	36.19	36.48	31.64	29.96	32.60	37.45	34.74	27.76	24.78	33.14	35.59	39.46	38.40	39.94	40.03	41.33	55.51	65.45	39.21	39.19	37.56	35.00
24261	1.72	1.59	1.28	1.28	1.13	1.13	1.19	1.31	1.43	1.34	1.40	1.96	2.08	2.17	2.03	2.00	1.85	1.89	2.31	2.89	1.83	1.91	1.65	1.42
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	39.48	39.37	35.93	36.20	31.52	29.81	32.56	37.40	34.33	27.12	24.15	32.29	34.60	38.39	37.50	39.39	39.98	41.34	55.48	65.31	39.26	39.03	37.39	34.61
24011	1.46	1.32	1.01	1.01	1.01	0.99	1.15	1.26	1.01	0.70	0.76	1.11	1.09	1.09	1.14	1.45	1.80	1.90	2.28	2.75	1.88	1.76	1.48	1.02
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	39.68	39.53	36.02	36.26	31.66	29.97	32.74	37.57	34.47	27.20	24.25	32.43	34.76	38.55	37.63	39.53	40.21	41.57	55.73	65.61	39.53	39.28	37.63	34.69
23798	1.66	1.48	1.10	1.07	1.15	1.14	1.34	1.44	1.16	0.77	0.86	1.25	1.25	1.26	1.27	1.59	2.03	2.13	2.53	3.04	2.16	2.00	1.72	1.11
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	39.48	39.37	35.93	36.20	31.52	29.81	32.56	37.40	34.33	27.12	24.15	32.29	34.60	38.39	37.50	39.39	39.98	41.34	55.48	65.31	39.26	39.03	37.39	34.61
24028	1.46	1.32	1.01	1.01	1.01	0.99	1.15	1.26	1.01	0.70	0.76	1.11	1.09	1.09	1.14	1.45	1.80	1.90	2.28	2.75	1.88	1.76	1.48	1.02
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	39.12	39.01	35.59	35.89	31.11	29.37	32.04	36.78	33.82	26.92	23.97	31.99	34.25	38.21	37.31	39.03	39.44	40.64	54.36	64.05	38.49	38.31	36.84	34.25
23527	1.09	0.95	0.68	0.70	0.60	0.54	0.64	0.65	0.51	0.49	0.59	0.82	0.73	0.92	0.94	1.08	1.26	1.20	1.16	1.49	1.11	1.03	0.93	0.66
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	37.96	37.96	34.76	35.05	30.52	28.78	31.36	36.05	33.19	26.41	23.49	31.37	33.57	37.33	36.45	38.12	38.37	39.54	53.06	62.49	37.51	37.38	35.84	33.44
24190	-0.07	-0.09	-0.15	-0.14	0.02	-0.05	-0.04	-0.09	-0.11	-0.02	0.10	0.19	0.06	0.04	0.08	0.18	0.19	0.10	-0.14	-0.07	0.13	0.10	-0.07	-0.15
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	38.51	38.55	35.41	35.69	30.93	29.28	31.90	36.71	33.83	26.82	23.70	31.60	34.02	37.87	36.88	38.43	38.64	39.96	54.00	63.49	37.78	37.63	36.40	34.14
355683	0.49	0.49	0.49	0.50	0.42	0.45	0.50	0.57	0.52	0.39	0.31	0.42	0.52	0.58	0.51	0.48	0.46	0.52	0.79	0.93	0.40	0.36	0.49	0.55
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	38.77	38.79	35.56	35.85	31.15	29.37	32.01	36.82	33.86	26.76	23.78	31.79	34.07	37.79	36.90	38.83	39.17	40.39	54.24	63.82	38.27	38.15	36.61	34.14
323833	0.75	0.73	0.64	0.65	0.64	0.55	0.61	0.69	0.54	0.33	0.39	0.61	0.56	0.50	0.54	0.88	0.99	0.95	1.04	1.25	0.89	0.88	0.69	0.56
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	38.76	38.78	35.55	35.84	31.14	29.36	32.00	36.80	33.84	26.75	23.78	31.79	34.06	37.79	36.89	38.81	39.16	40.37	54.21	63.80	38.26	38.14	36.59	34.13
323834	0.73	0.73	0.64	0.65	0.63	0.54	0.60	0.67	0.53	0.33	0.39	0.61	0.55	0.50	0.53	0.87	0.98	0.93	1.01	1.23	0.88	0.86	0.68	0.55
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	37.96	37.96	34.76	35.05	30.52	28.78	31.36	36.05	33.19	26.41	23.49	31.37	33.57	37.33	36.45	38.12	38.37	39.54	53.06	62.49	37.51	37.38	35.84	33.44
23571	-0.07	-0.09	-0.15	-0.14	0.02	-0.05	-0.04	-0.09	-0.11	-0.02	0.10	0.19	0.06	0.04	0.08	0.18	0.19	0.10	-0.14	-0.07	0.13	0.10	-0.07	-0.15
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	37.96 -0.07 0.00	37.96 -0.09 0.00	34.76 -0.15 0.00	35.05 -0.14 0.00	30.52 0.02 0.00	28.78 -0.05 0.00	31.36 -0.04 0.00	36.05 -0.09 0.00	33.19 -0.11 0.00	26.41 -0.02 0.00	23.49 0.10 0.00	31.37 0.19 0.00	33.57 0.06 0.00	37.33 0.04 0.00	36.45 0.08 0.00	38.12 0.18 0.00	38.37 0.19 0.00	39.54 0.10 0.00	53.06 -0.14 0.00	62.49 -0.07 0.00	37.51 0.13 0.00	37.38 0.10 0.00	35.84 -0.07 0.00	33.44 -0.15 0.00
ALBANY___3 23573	37.96 -0.07 0.00	37.96 -0.09 0.00	34.76 -0.15 0.00	35.05 -0.14 0.00	30.52 0.02 0.00	28.78 -0.05 0.00	31.36 -0.04 0.00	36.05 -0.09 0.00	33.19 -0.11 0.00	26.41 -0.02 0.00	23.49 0.10 0.00	31.37 0.19 0.00	33.57 0.06 0.00	37.33 0.04 0.00	36.45 0.08 0.00	38.12 0.18 0.00	38.37 0.19 0.00	39.54 0.10 0.00	53.06 -0.14 0.00	62.49 -0.07 0.00	37.51 0.13 0.00	37.38 0.10 0.00	35.84 -0.07 0.00	33.44 -0.15 0.00
ALBANY___4 23574	37.96 -0.07 0.00	37.96 -0.09 0.00	34.76 -0.15 0.00	35.05 -0.14 0.00	30.52 0.02 0.00	28.78 -0.05 0.00	31.36 -0.04 0.00	36.05 -0.09 0.00	33.19 -0.11 0.00	26.41 -0.02 0.00	23.49 0.10 0.00	31.37 0.19 0.00	33.57 0.06 0.00	37.33 0.04 0.00	36.45 0.08 0.00	38.12 0.18 0.00	38.37 0.19 0.00	39.54 0.10 0.00	53.06 -0.14 0.00	62.49 -0.07 0.00	37.51 0.13 0.00	37.38 0.10 0.00	35.84 -0.07 0.00	33.44 -0.15 0.00
ALBANY___LFGE 323615	38.35 0.32 0.00	38.35 0.29 0.00	35.11 0.19 0.00	35.40 0.21 0.00	30.81 0.30 0.00	29.05 0.22 0.00	31.66 0.25 0.00	36.41 0.27 0.00	33.50 0.19 0.00	26.64 0.22 0.00	23.69 0.30 0.00	31.66 0.48 0.00	33.91 0.40 0.00	37.69 0.39 0.00	36.80 0.44 0.00	38.51 0.57 0.00	38.79 0.60 0.00	39.97 0.53 0.00	53.66 0.46 0.00	63.17 0.61 0.00	37.90 0.52 0.00	37.78 0.50 0.00	36.21 0.30 0.00	33.78 0.20 0.00
ALCOA_PA_115KV_PL-6C 55860	38.68 0.66 0.00	38.72 0.66 0.00	35.56 0.64 0.00	35.86 0.66 0.00	31.07 0.56 0.00	29.42 0.59 0.00	32.06 0.65 0.00	36.88 0.75 0.00	33.97 0.66 0.00	26.91 0.48 0.00	23.77 0.38 0.00	31.68 0.50 0.00	34.11 0.60 0.00	37.97 0.67 0.00	36.97 0.61 0.00	38.52 0.58 0.00	38.78 0.60 0.00	40.07 0.63 0.00	54.18 0.98 0.00	63.80 1.24 0.00	37.96 0.58 0.00	37.83 0.56 0.00	36.60 0.69 0.00	34.33 0.75 0.00
ALCOA_RYNLDS___DRP 24188	38.68 0.66 0.00	38.72 0.66 0.00	35.56 0.64 0.00	35.86 0.66 0.00	31.07 0.56 0.00	29.42 0.59 0.00	32.06 0.65 0.00	36.88 0.75 0.00	33.97 0.66 0.00	26.91 0.48 0.00	23.77 0.38 0.00	31.68 0.50 0.00	34.11 0.60 0.00	37.97 0.67 0.00	36.97 0.61 0.00	38.52 0.58 0.00	38.78 0.60 0.00	40.07 0.63 0.00	54.18 0.98 0.00	63.80 1.24 0.00	37.96 0.58 0.00	37.83 0.56 0.00	36.60 0.69 0.00	34.33 0.75 0.00
ALCOA___DSASP 323711	38.68 0.66 0.00	38.71 0.66 0.00	35.56 0.64 0.00	35.86 0.66 0.00	31.07 0.56 0.00	29.42 0.59 0.00	32.06 0.65 0.00	36.88 0.75 0.00	33.97 0.66 0.00	26.91 0.49 0.00	23.76 0.38 0.00	31.68 0.50 0.00	34.11 0.60 0.00	37.97 0.67 0.00	36.97 0.61 0.00	38.52 0.58 0.00	38.78 0.60 0.00	40.07 0.63 0.00	54.18 0.97 0.00	63.80 1.24 0.00	37.96 0.58 0.00	37.83 0.56 0.00	36.60 0.69 0.00	34.33 0.75 0.00
ALLEGHENY___COGEN 23514	39.04 1.01 0.00	39.11 1.06 0.00	35.79 0.87 0.00	35.93 0.74 0.00	31.06 0.55 0.00	29.69 0.86 0.00	32.32 0.92 0.00	37.41 1.28 0.00	34.62 1.31 0.00	27.03 0.61 0.00	23.28 -0.11 0.00	30.70 -0.48 0.00	33.08 -0.43 0.00	36.91 -0.38 0.00	36.16 -0.20 0.00	37.40 -0.54 0.00	37.90 -0.28 0.00	38.87 -0.57 0.00	53.80 0.60 0.00	63.48 0.92 0.00	37.84 0.46 0.00	37.89 0.60 0.00	36.67 0.76 0.00	34.49 0.90 0.00
ALTAMONT_115KV_TB 2 55880	38.40 0.37 0.00	38.43 0.37 0.00	35.21 0.30 0.00	35.50 0.30 0.00	30.81 0.31 0.00	29.06 0.22 0.00	31.65 0.24 0.00	36.39 0.25 0.00	33.54 0.23 0.00	26.67 0.24 0.00	23.69 0.30 0.00	31.65 0.47 0.00	33.96 0.45 0.00	37.75 0.46 0.00	36.80 0.44 0.00	38.45 0.51 0.00	38.70 0.52 0.00	39.91 0.47 0.00	53.62 0.41 0.00	63.15 0.59 0.00	37.86 0.49 0.00	37.79 0.51 0.00	36.26 0.34 0.00	33.82 0.23 0.00
ALTONA_WT_PWR 323606	39.25 1.22 0.00	39.11 1.05 0.00	35.76 0.84 0.00	36.11 0.92 0.00	31.61 1.10 0.00	29.94 1.11 0.00	32.69 1.29 0.00	37.38 1.24 0.00	34.28 0.97 0.00	27.32 0.90 0.00	24.33 0.94 0.00	32.32 1.14 0.00	34.67 1.16 0.00	38.56 1.27 0.00	37.33 0.96 0.00	38.87 0.93 0.00	39.59 1.41 0.00	41.32 1.88 0.00	55.69 2.49 0.00	64.44 1.88 0.00	38.35 0.97 0.00	37.85 0.58 0.00	36.55 0.64 0.00	34.27 0.69 0.00
AMERICAN_REF_FUEL 24010	36.93 -1.09 0.00	37.18 -0.88 0.00	34.13 -0.79 0.00	34.32 -0.88 0.00	29.54 -0.97 0.00	28.40 -0.43 0.00	30.70 -0.71 0.00	35.44 -0.70 0.00	32.77 -0.55 0.00	26.08 -0.35 0.00	22.88 -0.51 0.00	29.85 -1.33 0.00	32.17 -1.35 0.00	35.82 -1.48 0.00	35.01 -1.35 0.00	36.02 -1.92 0.00	35.22 -2.96 0.00	35.95 -3.48 0.00	48.97 -4.24 0.00	56.97 -5.59 0.00	33.78 -3.59 0.00	34.18 -3.10 0.00	33.99 -1.92 0.00	32.67 -0.91 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	37.49 -0.54 0.00	37.68 -0.38 0.00	34.17 -0.74 0.00	34.19 -1.00 0.00	29.52 -0.99 0.00	28.34 -0.49 0.00	30.67 -0.74 0.00	35.57 -0.56 0.00	33.35 0.04 0.00	26.59 0.17 0.00	23.34 -0.05 0.00	30.74 -0.44 0.00	33.06 -0.44 0.00	36.90 -0.39 0.00	35.68 -0.69 0.00	36.74 -1.21 0.00	36.45 -1.74 0.00	37.33 -2.11 0.00	50.41 -2.80 0.00	58.75 -3.81 0.00	34.77 -2.61 0.00	34.89 -2.39 0.00	34.61 -1.30 0.00	33.15 -0.43 0.00
ARTHUR KILL_GT_1 23520	39.41 1.38 0.00	39.39 1.33 0.00	35.93 1.02 0.00	36.36 1.16 0.00	31.54 1.03 0.00	29.89 1.06 0.00	32.52 1.11 0.00	37.24 1.10 0.00	34.70 1.39 0.00	27.71 1.29 0.00	24.71 1.32 0.00	32.82 1.64 0.00	35.04 1.53 0.00	38.67 1.38 0.00	37.72 1.35 0.00	39.28 1.34 0.00	39.30 1.12 0.00	40.62 1.18 0.00	54.59 1.39 0.00	64.41 1.85 0.00	38.64 1.26 0.00	38.57 1.30 0.00	37.11 1.20 0.00	34.67 1.09 0.00
ARTHUR_KILL_2 23512	39.30 1.27 0.00	39.28 1.22 0.00	35.85 0.93 0.00	36.26 1.07 0.00	31.46 0.95 0.00	29.81 0.98 0.00	32.43 1.03 0.00	37.15 1.02 0.00	34.61 1.30 0.00	27.64 1.22 0.00	24.65 1.26 0.00	32.74 1.56 0.00	34.95 1.44 0.00	38.56 1.27 0.00	37.61 1.25 0.00	39.16 1.22 0.00	39.19 1.01 0.00	40.51 1.07 0.00	54.43 1.23 0.00	64.22 1.66 0.00	38.53 1.15 0.00	38.47 1.19 0.00	37.01 1.09 0.00	34.58 0.99 0.00
ARTHUR_KILL_3 23513	39.34 1.31 0.00	39.24 1.18 0.00	35.81 0.90 0.00	36.09 0.90 0.00	31.31 0.80 0.00	29.64 0.81 0.00	32.24 0.83 0.00	37.02 0.89 0.00	34.37 1.05 0.00	27.46 1.04 0.00	24.50 1.11 0.00	32.81 1.63 0.00	35.25 1.74 0.00	39.07 1.78 0.00	38.00 1.64 0.00	39.52 1.58 0.00	39.63 1.45 0.00	40.91 1.47 0.00	54.97 1.77 0.00	64.83 2.27 0.00	38.83 1.45 0.00	38.82 1.54 0.00	37.21 1.30 0.00	34.67 1.09 0.00

ARTHUR_KILL_COGEN 323718	39.40 1.37 0.00	39.39 1.33 0.00	35.93 1.02 0.00	36.35 1.16 0.00	31.54 1.03 0.00	29.88 1.06 0.00	32.51 1.11 0.00	37.24 1.11 0.00	34.70 1.39 0.00	27.71 1.29 0.00	24.71 1.32 0.00	32.82 1.64 0.00	35.04 1.53 0.00	38.67 1.38 0.00	37.71 1.35 0.00	39.26 1.32 0.00	39.30 1.12 0.00	40.62 1.18 0.00	54.60 1.39 0.00	64.41 1.85 0.00	38.64 1.26 0.00	38.58 1.30 0.00	37.11 1.20 0.00	34.67 1.09 0.00
ASHOKAN____ 23654	38.97 0.94 0.00	38.92 0.86 0.00	35.63 0.71 0.00	35.88 0.69 0.00	31.15 0.64 0.00	29.41 0.58 0.00	32.07 0.66 0.00	36.94 0.80 0.00	34.14 0.83 0.00	27.22 0.80 0.00	24.13 0.74 0.00	32.31 1.13 0.00	34.60 1.09 0.00	38.33 1.03 0.00	37.39 1.03 0.00	39.33 1.39 0.00	39.74 1.55 0.00	41.07 1.64 0.00	55.19 1.99 0.00	64.90 2.34 0.00	38.86 1.48 0.00	38.66 1.38 0.00	36.99 1.07 0.00	34.37 0.78 0.00
ASTORIA_EAST_ENERGY_CC1 323581	39.53 1.51 0.00	39.45 1.40 0.00	35.96 1.05 0.00	35.85 0.66 0.01	31.13 0.63 0.01	29.55 0.72 0.00	32.16 0.76 0.00	36.93 0.79 0.00	34.31 1.00 0.00	27.40 0.97 0.00	24.46 1.07 0.00	32.74 1.57 0.00	35.17 1.67 0.00	38.98 1.69 0.00	37.95 1.59 0.00	39.51 1.57 0.00	39.54 1.36 0.00	40.82 1.38 0.00	54.85 1.65 0.00	64.68 2.12 0.00	38.78 1.41 0.00	38.75 1.48 0.00	37.16 1.24 0.00	34.64 1.06 0.00
ASTORIA_EAST_ENERGY_CC2 323582	39.51 1.49 0.00	39.43 1.38 0.00	35.94 1.02 0.00	35.83 0.64 0.01	31.11 0.60 0.01	29.53 0.71 0.00	32.14 0.74 0.00	36.91 0.77 0.00	34.29 0.98 0.00	27.38 0.96 0.00	24.44 1.05 0.00	32.72 1.54 0.00	35.15 1.65 0.00	38.97 1.68 0.00	37.94 1.57 0.00	39.49 1.55 0.00	39.52 1.34 0.00	40.79 1.35 0.00	54.82 1.61 0.00	64.65 2.09 0.00	38.77 1.39 0.00	38.74 1.47 0.00	37.13 1.22 0.00	34.62 1.04 0.00
ASTORIA_GT2_1 24094	39.53 1.51 0.00	39.45 1.40 0.00	35.97 1.05 0.00	35.86 0.67 0.00	31.14 0.63 0.00	29.55 0.72 0.00	32.16 0.76 0.00	36.93 0.79 0.00	34.31 1.00 0.00	27.40 0.97 0.00	24.46 1.07 0.00	32.74 1.57 0.00	35.18 1.67 0.00	38.98 1.69 0.00	37.95 1.59 0.00	39.52 1.58 0.00	39.54 1.36 0.00	40.82 1.38 0.00	54.85 1.65 0.00	64.68 2.12 0.00	38.78 1.41 0.00	38.75 1.48 0.00	37.16 1.24 0.00	34.64 1.05 0.00
ASTORIA_GT2_2 24095	39.53 1.51 0.00	39.45 1.40 0.00	35.97 1.05 0.00	35.86 0.67 0.00	31.14 0.63 0.00	29.55 0.72 0.00	32.16 0.76 0.00	36.93 0.79 0.00	34.31 1.00 0.00	27.40 0.97 0.00	24.46 1.07 0.00	32.74 1.57 0.00	35.18 1.67 0.00	38.98 1.69 0.00	37.95 1.59 0.00	39.52 1.58 0.00	39.54 1.36 0.00	40.82 1.38 0.00	54.85 1.65 0.00	64.68 2.12 0.00	38.78 1.41 0.00	38.75 1.48 0.00	37.16 1.24 0.00	34.64 1.05 0.00
ASTORIA_GT2_3 24096	39.53 1.51 0.00	39.45 1.40 0.00	35.97 1.05 0.00	35.86 0.67 0.00	31.14 0.63 0.00	29.55 0.72 0.00	32.16 0.76 0.00	36.93 0.79 0.00	34.31 1.00 0.00	27.40 0.97 0.00	24.46 1.07 0.00	32.74 1.57 0.00	35.18 1.67 0.00	38.98 1.69 0.00	37.95 1.59 0.00	39.52 1.58 0.00	39.54 1.36 0.00	40.82 1.38 0.00	54.85 1.65 0.00	64.68 2.12 0.00	38.78 1.41 0.00	38.75 1.48 0.00	37.16 1.24 0.00	34.64 1.05 0.00
ASTORIA_GT2_4 24097	39.53 1.51 0.00	39.45 1.40 0.00	35.97 1.05 0.00	35.86 0.67 0.00	31.14 0.63 0.00	29.55 0.72 0.00	32.16 0.76 0.00	36.93 0.79 0.00	34.31 1.00 0.00	27.40 0.97 0.00	24.46 1.07 0.00	32.74 1.57 0.00	35.18 1.67 0.00	38.98 1.69 0.00	37.95 1.59 0.00	39.52 1.58 0.00	39.54 1.36 0.00	40.82 1.38 0.00	54.85 1.65 0.00	64.68 2.12 0.00	38.78 1.41 0.00	38.75 1.48 0.00	37.16 1.24 0.00	34.64 1.05 0.00
ASTORIA_GT3_1 24098	39.53 1.51 0.00	39.45 1.40 0.00	35.97 1.05 0.00	35.86 0.67 0.00	31.14 0.63 0.00	29.55 0.72 0.00	32.16 0.76 0.00	36.93 0.79 0.00	34.31 1.00 0.00	27.40 0.97 0.00	24.46 1.07 0.00	32.74 1.57 0.00	35.18 1.67 0.00	38.98 1.69 0.00	37.95 1.59 0.00	39.52 1.58 0.00	39.54 1.36 0.00	40.82 1.38 0.00	54.85 1.65 0.00	64.68 2.12 0.00	38.78 1.41 0.00	38.75 1.48 0.00	37.16 1.24 0.00	34.64 1.05 0.00
ASTORIA_GT3_2 24099	39.53 1.51 0.00	39.45 1.40 0.00	35.97 1.05 0.00	35.86 0.67 0.00	31.14 0.63 0.00	29.55 0.72 0.00	32.16 0.76 0.00	36.93 0.79 0.00	34.31 1.00 0.00	27.40 0.97 0.00	24.46 1.07 0.00	32.74 1.57 0.00	35.18 1.67 0.00	38.98 1.69 0.00	37.95 1.59 0.00	39.52 1.58 0.00	39.54 1.36 0.00	40.82 1.38 0.00	54.85 1.65 0.00	64.68 2.12 0.00	38.78 1.41 0.00	38.75 1.48 0.00	37.16 1.24 0.00	34.64 1.05 0.00
ASTORIA_GT3_3 24100	39.53 1.51 0.00	39.45 1.40 0.00	35.97 1.05 0.00	35.86 0.67 0.00	31.14 0.63 0.00	29.55 0.72 0.00	32.16 0.76 0.00	36.93 0.79 0.00	34.31 1.00 0.00	27.40 0.97 0.00	24.46 1.07 0.00	32.74 1.57 0.00	35.18 1.67 0.00	38.98 1.69 0.00	37.95 1.59 0.00	39.52 1.58 0.00	39.54 1.36 0.00	40.82 1.38 0.00	54.85 1.65 0.00	64.68 2.12 0.00	38.78 1.41 0.00	38.75 1.48 0.00	37.16 1.24 0.00	34.64 1.05 0.00
ASTORIA_GT3_4 24101	39.53 1.51 0.00	39.45 1.40 0.00	35.97 1.05 0.00	35.86 0.67 0.00	31.14 0.63 0.00	29.55 0.72 0.00	32.16 0.76 0.00	36.93 0.79 0.00	34.31 1.00 0.00	27.40 0.97 0.00	24.46 1.07 0.00	32.74 1.57 0.00	35.18 1.67 0.00	38.98 1.69 0.00	37.95 1.59 0.00	39.52 1.58 0.00	39.54 1.36 0.00	40.82 1.38 0.00	54.85 1.65 0.00	64.68 2.12 0.00	38.78 1.41 0.00	38.75 1.48 0.00	37.16 1.24 0.00	34.64 1.05 0.00
ASTORIA_GT4_1 24102	39.53 1.51 0.00	39.45 1.40 0.00	35.97 1.05 0.00	35.86 0.67 0.00	31.14 0.63 0.00	29.55 0.72 0.00	32.16 0.76 0.00	36.93 0.79 0.00	34.31 1.00 0.00	27.40 0.97 0.00	24.46 1.07 0.00	32.74 1.57 0.00	35.18 1.67 0.00	38.98 1.69 0.00	37.95 1.59 0.00	39.52 1.58 0.00	39.54 1.36 0.00	40.82 1.38 0.00	54.85 1.65 0.00	64.68 2.12 0.00	38.78 1.41 0.00	38.75 1.48 0.00	37.16 1.24 0.00	34.64 1.05 0.00
ASTORIA_GT4_2 24103	39.53 1.51 0.00	39.45 1.40 0.00	35.97 1.05 0.00	35.86 0.67 0.00	31.14 0.63 0.00	29.55 0.72 0.00	32.16 0.76 0.00	36.93 0.79 0.00	34.31 1.00 0.00	27.40 0.97 0.00	24.46 1.07 0.00	32.74 1.57 0.00	35.18 1.67 0.00	38.98 1.69 0.00	37.95 1.59 0.00	39.52 1.58 0.00	39.54 1.36 0.00	40.82 1.38 0.00	54.85 1.65 0.00	64.68 2.12 0.00	38.78 1.41 0.00	38.75 1.48 0.00	37.16 1.24 0.00	34.64 1.05 0.00
ASTORIA_GT4_3 24104	39.53 1.51 0.00	39.45 1.40 0.00	35.97 1.05 0.00	35.86 0.67 0.00	31.14 0.63 0.00	29.55 0.72 0.00	32.16 0.76 0.00	36.93 0.79 0.00	34.31 1.00 0.00	27.40 0.97 0.00	24.46 1.07 0.00	32.74 1.57 0.00	35.18 1.67 0.00	38.98 1.69 0.00	37.95 1.59 0.00	39.52 1.58 0.00	39.54 1.36 0.00	40.82 1.38 0.00	54.85 1.65 0.00	64.68 2.12 0.00	38.78 1.41 0.00	38.75 1.48 0.00	37.16 1.24 0.00	34.64 1.05 0.00

ASTORIA_GT4_4 24105	39.53 1.51 0.00	39.45 1.40 0.00	35.97 1.05 0.00	35.86 0.67 0.00	31.14 0.63 0.00	29.55 0.72 0.00	32.16 0.76 0.00	36.93 0.79 0.00	34.31 1.00 0.00	27.40 0.97 0.00	24.46 1.07 0.00	32.74 1.57 0.00	35.18 1.67 0.00	38.98 1.69 0.00	37.95 1.59 0.00	39.52 1.58 0.00	39.54 1.36 0.00	40.82 1.38 0.00	54.85 1.65 0.00	64.68 2.12 0.00	38.78 1.41 0.00	38.75 1.48 0.00	37.16 1.24 0.00	34.64 1.05 0.00
ASTORIA_GT_1 23523	39.60 1.58 0.00	39.52 1.47 0.00	36.01 1.09 0.00	35.91 0.72 0.00	31.17 0.67 0.00	29.59 0.76 0.00	32.21 0.81 0.00	36.98 0.84 0.00	34.37 1.06 0.00	27.45 1.02 0.00	24.50 1.11 0.00	32.80 1.62 0.00	35.23 1.72 0.00	39.06 1.77 0.00	38.02 1.66 0.00	39.59 1.65 0.00	39.62 1.43 0.00	40.90 1.46 0.00	54.94 1.74 0.00	64.79 2.23 0.00	38.86 1.48 0.00	38.82 1.55 0.00	37.22 1.31 0.00	34.70 1.12 0.00
ASTORIA_GT_10 24110	39.52 1.50 0.00	39.46 1.40 0.00	36.00 1.09 0.00	36.20 1.01 0.00	31.42 0.91 0.00	29.78 0.95 0.00	32.41 1.01 0.00	37.16 1.03 0.00	34.53 1.22 0.00	27.61 1.18 0.00	24.64 1.25 0.00	32.94 1.77 0.00	35.34 1.83 0.00	39.11 1.82 0.00	38.05 1.69 0.00	39.60 1.66 0.00	39.63 1.45 0.00	40.90 1.46 0.00	54.91 1.71 0.00	64.73 2.17 0.00	38.83 1.45 0.00	38.81 1.53 0.00	37.26 1.35 0.00	34.76 1.17 0.00
ASTORIA_GT_11 24225	39.52 1.50 0.00	39.46 1.40 0.00	36.00 1.09 0.00	36.20 1.01 0.00	31.42 0.91 0.00	29.78 0.95 0.00	32.41 1.01 0.00	37.16 1.03 0.00	34.53 1.22 0.00	27.61 1.18 0.00	24.64 1.25 0.00	32.94 1.77 0.00	35.34 1.83 0.00	39.11 1.82 0.00	38.05 1.69 0.00	39.60 1.66 0.00	39.63 1.45 0.00	40.90 1.46 0.00	54.91 1.71 0.00	64.73 2.17 0.00	38.83 1.45 0.00	38.81 1.53 0.00	37.26 1.35 0.00	34.76 1.17 0.00
ASTORIA_GT_12 24226	39.52 1.50 0.00	39.46 1.40 0.00	36.00 1.09 0.00	36.20 1.01 0.00	31.42 0.91 0.00	29.78 0.95 0.00	32.41 1.01 0.00	37.16 1.03 0.00	34.53 1.22 0.00	27.61 1.18 0.00	24.64 1.25 0.00	32.94 1.77 0.00	35.34 1.83 0.00	39.11 1.82 0.00	38.05 1.69 0.00	39.60 1.66 0.00	39.63 1.45 0.00	40.90 1.46 0.00	54.91 1.71 0.00	64.73 2.17 0.00	38.83 1.45 0.00	38.81 1.53 0.00	37.26 1.35 0.00	34.76 1.17 0.00
ASTORIA_GT_13 24227	39.52 1.50 0.00	39.46 1.40 0.00	36.00 1.09 0.00	36.20 1.01 0.00	31.42 0.91 0.00	29.78 0.95 0.00	32.41 1.01 0.00	37.16 1.03 0.00	34.53 1.22 0.00	27.61 1.18 0.00	24.64 1.25 0.00	32.94 1.77 0.00	35.34 1.83 0.00	39.11 1.82 0.00	38.05 1.69 0.00	39.60 1.66 0.00	39.63 1.45 0.00	40.90 1.46 0.00	54.91 1.71 0.00	64.73 2.17 0.00	38.83 1.45 0.00	38.81 1.53 0.00	37.26 1.35 0.00	34.76 1.17 0.00
ASTORIA_GT_5 24106	39.60 1.58 0.00	39.52 1.47 0.00	36.01 1.09 0.00	35.91 0.72 0.00	31.17 0.67 0.00	29.59 0.76 0.00	32.21 0.81 0.00	36.98 0.84 0.00	34.37 1.06 0.00	27.45 1.02 0.00	24.50 1.11 0.00	32.80 1.62 0.00	35.23 1.72 0.00	39.06 1.77 0.00	38.02 1.66 0.00	39.59 1.65 0.00	39.62 1.43 0.00	40.90 1.46 0.00	54.94 1.74 0.00	64.79 2.23 0.00	38.86 1.48 0.00	38.82 1.55 0.00	37.22 1.31 0.00	34.70 1.12 0.00
ASTORIA_GT_7 24107	39.60 1.58 0.00	39.52 1.47 0.00	36.01 1.09 0.00	35.91 0.72 0.00	31.17 0.67 0.00	29.59 0.76 0.00	32.21 0.81 0.00	36.98 0.84 0.00	34.37 1.06 0.00	27.45 1.02 0.00	24.50 1.11 0.00	32.80 1.62 0.00	35.23 1.72 0.00	39.06 1.77 0.00	38.02 1.66 0.00	39.59 1.65 0.00	39.62 1.43 0.00	40.90 1.46 0.00	54.94 1.74 0.00	64.79 2.23 0.00	38.86 1.48 0.00	38.82 1.55 0.00	37.22 1.31 0.00	34.70 1.12 0.00
ASTORIA_GT_8 24108	39.60 1.58 0.00	39.52 1.47 0.00	36.01 1.09 0.00	35.91 0.72 0.00	31.17 0.67 0.00	29.59 0.76 0.00	32.21 0.81 0.00	36.98 0.84 0.00	34.37 1.06 0.00	27.45 1.02 0.00	24.50 1.11 0.00	32.80 1.62 0.00	35.23 1.72 0.00	39.06 1.77 0.00	38.02 1.66 0.00	39.59 1.65 0.00	39.62 1.43 0.00	40.90 1.46 0.00	54.94 1.74 0.00	64.79 2.23 0.00	38.86 1.48 0.00	38.82 1.55 0.00	37.22 1.31 0.00	34.70 1.12 0.00
ASTORIA___2 24149	39.53 1.51 0.00	39.45 1.40 0.00	35.96 1.05 0.00	35.85 0.66 0.01	31.13 0.63 0.01	29.55 0.72 0.00	32.16 0.76 0.00	36.93 0.79 0.00	34.31 1.00 0.00	27.40 0.97 0.00	24.46 1.07 0.00	32.74 1.57 0.00	35.17 1.67 0.00	38.98 1.69 0.00	37.95 1.59 0.00	39.51 1.57 0.00	39.54 1.36 0.00	40.82 1.38 0.00	54.85 1.65 0.00	64.68 2.12 0.00	38.78 1.41 0.00	38.75 1.48 0.00	37.16 1.24 0.00	34.64 1.06 0.00
ASTORIA___3 23516	39.52 1.49 0.00	39.46 1.41 0.00	36.00 1.08 0.00	36.20 1.01 0.00	31.42 0.91 0.00	29.78 0.95 0.00	32.41 1.00 0.00	37.16 1.03 0.00	34.53 1.22 0.00	27.61 1.18 0.00	24.64 1.25 0.00	32.94 1.76 0.00	35.34 1.83 0.00	39.11 1.82 0.00	38.05 1.69 0.00	39.59 1.65 0.00	39.63 1.45 0.00	40.90 1.46 0.00	54.91 1.71 0.00	64.73 2.17 0.00	38.82 1.44 0.00	38.81 1.53 0.00	37.26 1.34 0.00	34.76 1.17 0.00
ASTORIA___4 23517	39.52 1.50 0.00	39.46 1.40 0.00	36.00 1.09 0.00	36.20 1.01 0.00	31.42 0.91 0.00	29.78 0.95 0.00	32.41 1.00 0.00	37.16 1.03 0.00	34.53 1.22 0.00	27.61 1.18 0.00	24.64 1.25 0.00	32.94 1.76 0.00	35.34 1.83 0.00	39.11 1.82 0.00	38.05 1.69 0.00	39.60 1.65 0.00	39.63 1.45 0.00	40.90 1.46 0.00	54.91 1.71 0.00	64.73 2.17 0.00	38.83 1.45 0.00	38.81 1.53 0.00	37.25 1.34 0.00	34.76 1.17 0.00
ASTORIA___5 23518	39.52 1.49 0.00	39.46 1.41 0.00	36.00 1.08 0.00	36.20 1.01 0.00	31.42 0.91 0.00	29.78 0.95 0.00	32.41 1.00 0.00	37.16 1.03 0.00	34.53 1.22 0.00	27.61 1.18 0.00	24.64 1.25 0.00	32.94 1.76 0.00	35.34 1.83 0.00	39.11 1.82 0.00	38.05 1.69 0.00	39.59 1.65 0.00	39.63 1.45 0.00	40.90 1.46 0.00	54.91 1.71 0.00	64.73 2.17 0.00	38.82 1.44 0.00	38.81 1.53 0.00	37.26 1.34 0.00	34.76 1.17 0.00
AST_ENERGY_2_CC3 323677	39.13 1.10 0.00	39.05 1.00 0.00	35.59 0.67 0.00	35.47 0.29 0.01	30.80 0.30 0.01	29.24 0.41 0.00	31.83 0.43 0.00	36.55 0.41 0.00	33.95 0.64 0.00	27.12 0.69 0.00	24.21 0.82 0.00	32.41 1.23 0.00	34.83 1.31 0.00	38.59 1.30 0.00	37.57 1.21 0.00	39.11 1.17 0.00	39.15 0.97 0.00	40.42 0.98 0.00	54.30 1.09 0.00	64.03 1.47 0.00	38.41 1.03 0.00	38.37 1.09 0.00	36.78 0.87 0.00	34.29 0.70 0.00
AST_ENERGY_2_CC4 323678	39.13 1.10 0.00	39.05 1.00 0.00	35.59 0.67 0.00	35.47 0.29 0.01	30.80 0.30 0.01	29.24 0.41 0.00	31.83 0.43 0.00	36.55 0.41 0.00	33.95 0.64 0.00	27.12 0.69 0.00	24.21 0.82 0.00	32.41 1.23 0.00	34.83 1.31 0.00	38.59 1.30 0.00	37.57 1.21 0.00	39.11 1.17 0.00	39.15 0.97 0.00	40.42 0.98 0.00	54.30 1.09 0.00	64.03 1.47 0.00	38.41 1.03 0.00	38.37 1.09 0.00	36.78 0.87 0.00	34.29 0.70 0.00

ATHENS_STG_1 23668	38.70 0.68 0.00	38.73 0.67 0.00	35.48 0.56 0.00	35.74 0.55 0.00	31.00 0.49 0.00	29.22 0.38 0.00	31.81 0.41 0.00	36.58 0.44 0.00	33.78 0.47 0.00	26.90 0.47 0.00	23.93 0.54 0.00	31.98 0.80 0.00	34.33 0.82 0.00	38.16 0.87 0.00	37.18 0.82 0.00	38.79 0.85 0.00	39.01 0.83 0.00	40.22 0.78 0.00	54.02 0.82 0.00	63.65 1.09 0.00	38.18 0.80 0.00	38.12 0.84 0.00	36.56 0.65 0.00	34.07 0.49 0.00
ATHENS_STG_2 23670	38.70 0.68 0.00	38.73 0.67 0.00	35.48 0.56 0.00	35.74 0.55 0.00	31.00 0.49 0.00	29.22 0.38 0.00	31.81 0.41 0.00	36.58 0.44 0.00	33.78 0.47 0.00	26.90 0.47 0.00	23.93 0.54 0.00	31.98 0.80 0.00	34.33 0.82 0.00	38.16 0.87 0.00	37.18 0.82 0.00	38.79 0.85 0.00	39.01 0.83 0.00	40.22 0.78 0.00	54.02 0.82 0.00	63.65 1.09 0.00	38.18 0.80 0.00	38.12 0.84 0.00	36.56 0.65 0.00	34.07 0.49 0.00
ATHENS_STG_3 23677	38.70 0.68 0.00	38.73 0.67 0.00	35.48 0.56 0.00	35.74 0.55 0.00	31.00 0.49 0.00	29.22 0.38 0.00	31.81 0.41 0.00	36.58 0.44 0.00	33.78 0.47 0.00	26.90 0.47 0.00	23.93 0.54 0.00	31.98 0.80 0.00	34.33 0.82 0.00	38.16 0.87 0.00	37.18 0.82 0.00	38.79 0.85 0.00	39.01 0.83 0.00	40.22 0.78 0.00	54.02 0.82 0.00	63.65 1.09 0.00	38.18 0.80 0.00	38.12 0.84 0.00	36.56 0.65 0.00	34.07 0.49 0.00
AUBURN___LFGE 323710	38.01 -0.02 0.00	38.16 0.10 0.00	34.88 -0.04 0.00	35.25 0.05 0.00	30.52 0.01 0.00	28.90 0.07 0.00	31.52 0.12 0.00	36.29 0.16 0.00	33.46 0.14 0.00	26.33 -0.10 0.00	23.18 -0.21 0.00	30.80 -0.39 0.00	33.10 -0.41 0.00	36.91 -0.38 0.00	36.06 -0.30 0.00	37.57 -0.37 0.00	37.93 -0.25 0.00	39.34 -0.10 0.00	53.34 0.14 0.00	62.70 0.14 0.00	37.41 0.03 0.00	37.32 0.05 0.00	35.97 0.06 0.00	33.68 0.10 0.00
BABYLON_RES_REC 323704	39.36 1.33 0.00	38.85 0.79 0.00	35.59 0.68 0.00	35.81 0.61 0.00	31.00 0.50 0.00	29.43 0.60 0.00	31.86 0.45 0.00	36.53 0.39 0.00	33.84 0.53 0.01	27.12 0.69 0.00	24.70 1.23 -0.08	33.13 1.86 -0.09	35.86 1.99 -0.37	39.34 2.04 0.00	38.03 1.66 0.00	39.25 1.32 0.00	39.35 1.17 0.00	40.57 1.13 0.00	54.22 1.05 0.03	49.15 1.51 14.92	38.42 1.04 0.00	38.35 1.07 0.00	36.70 0.79 0.00	34.23 0.64 0.00
BALL_HILL_WT_PWR 323825	37.50 -0.53 0.00	37.68 -0.38 0.00	34.36 -0.55 0.00	34.55 -0.65 0.00	29.81 -0.70 0.00	28.57 -0.26 0.00	30.95 -0.45 0.00	35.81 -0.32 0.00	33.25 -0.06 0.00	26.43 0.00 0.00	23.20 -0.19 0.00	30.51 -0.67 0.00	32.79 -0.72 0.00	36.56 -0.73 0.00	35.55 -0.81 0.00	36.62 -1.32 0.00	36.22 -1.96 0.00	37.12 -2.32 0.00	50.46 -2.75 0.00	58.89 -3.67 0.00	34.94 -2.43 0.00	35.22 -2.06 0.00	34.69 -1.23 0.00	33.13 -0.46 0.00
BARON_WINDS___WT_PWR 323822	37.33 -0.70 0.00	37.43 -0.62 0.00	34.17 -0.75 0.00	34.29 -0.90 0.00	29.64 -0.87 0.00	28.28 -0.55 0.00	30.80 -0.60 0.00	35.62 -0.51 0.00	33.04 -0.28 0.00	26.03 -0.40 0.00	22.79 -0.60 0.00	30.22 -0.96 0.00	32.53 -0.98 0.00	36.25 -1.04 0.00	35.38 -0.99 0.00	36.60 -1.34 0.00	36.57 -1.61 0.00	37.49 -1.95 0.00	51.20 -2.00 0.00	60.48 -2.08 0.00	36.19 -1.19 0.00	36.32 -0.96 0.00	35.09 -0.83 0.00	32.89 -0.69 0.00
BARRETT_IC_1 23704	39.14 1.11 0.00	38.68 0.62 0.00	35.44 0.53 0.00	35.72 0.52 0.00	30.94 0.43 0.00	29.38 0.55 0.00	31.80 0.40 0.00	36.43 0.30 0.00	33.72 0.42 0.01	27.02 0.60 0.00	25.29 1.10 -0.81	35.04 1.70 -2.16	38.79 1.76 -3.52	39.04 1.74 0.00	37.74 1.37 0.00	39.04 1.10 0.00	39.17 0.99 0.00	40.39 0.95 0.00	54.06 0.86 0.00	63.59 1.29 0.26	38.31 0.93 0.00	38.27 0.99 0.00	36.63 0.72 0.00	34.22 0.63 0.00
BARRETT_IC_10 23701	39.14 1.11 0.00	38.68 0.62 0.00	35.44 0.53 0.00	35.72 0.52 0.00	30.94 0.43 0.00	29.38 0.55 0.00	31.80 0.40 0.00	36.43 0.30 0.00	33.72 0.42 0.01	27.02 0.60 0.00	25.29 1.10 -0.81	35.04 1.70 -2.16	38.79 1.76 -3.52	39.04 1.74 0.00	37.74 1.37 0.00	39.04 1.10 0.00	39.17 0.99 0.00	40.39 0.95 0.00	54.06 0.86 0.00	63.59 1.29 0.26	38.31 0.93 0.00	38.27 0.99 0.00	36.63 0.72 0.00	34.22 0.63 0.00
BARRETT_IC_11 23702	39.14 1.11 0.00	38.68 0.62 0.00	35.44 0.53 0.00	35.72 0.52 0.00	30.94 0.43 0.00	29.38 0.55 0.00	31.80 0.40 0.00	36.43 0.30 0.00	33.72 0.42 0.01	27.02 0.60 0.00	25.29 1.10 -0.81	35.04 1.70 -2.16	38.79 1.76 -3.52	39.04 1.74 0.00	37.74 1.37 0.00	39.04 1.10 0.00	39.17 0.99 0.00	40.39 0.95 0.00	54.06 0.86 0.00	63.59 1.29 0.26	38.31 0.93 0.00	38.27 0.99 0.00	36.63 0.72 0.00	34.22 0.63 0.00
BARRETT_IC_12 23703	39.14 1.11 0.00	38.68 0.62 0.00	35.44 0.53 0.00	35.72 0.52 0.00	30.94 0.43 0.00	29.38 0.55 0.00	31.80 0.40 0.00	36.43 0.30 0.00	33.72 0.42 0.01	27.02 0.60 0.00	25.29 1.10 -0.81	35.04 1.70 -2.16	38.79 1.76 -3.52	39.04 1.74 0.00	37.74 1.37 0.00	39.04 1.10 0.00	39.17 0.99 0.00	40.39 0.95 0.00	54.06 0.86 0.00	63.59 1.29 0.26	38.31 0.93 0.00	38.27 0.99 0.00	36.63 0.72 0.00	34.22 0.63 0.00
BARRETT_IC_2 23705	39.14 1.11 0.00	38.68 0.62 0.00	35.44 0.53 0.00	35.72 0.52 0.00	30.94 0.43 0.00	29.38 0.55 0.00	31.80 0.40 0.00	36.43 0.30 0.00	33.72 0.42 0.01	27.02 0.60 0.00	25.29 1.10 -0.81	35.04 1.70 -2.16	38.79 1.76 -3.52	39.04 1.74 0.00	37.74 1.37 0.00	39.04 1.10 0.00	39.17 0.99 0.00	40.39 0.95 0.00	54.06 0.86 0.00	63.59 1.29 0.26	38.31 0.93 0.00	38.27 0.99 0.00	36.63 0.72 0.00	34.22 0.63 0.00
BARRETT_IC_3 23706	39.14 1.11 0.00	38.68 0.62 0.00	35.44 0.53 0.00	35.72 0.52 0.00	30.94 0.43 0.00	29.38 0.55 0.00	31.80 0.40 0.00	36.43 0.30 0.00	33.72 0.42 0.01	27.02 0.60 0.00	25.29 1.10 -0.81	35.04 1.70 -2.16	38.79 1.76 -3.52	39.04 1.74 0.00	37.74 1.37 0.00	39.04 1.10 0.00	39.17 0.99 0.00	40.39 0.95 0.00	54.06 0.86 0.00	63.59 1.29 0.26	38.31 0.93 0.00	38.27 0.99 0.00	36.63 0.72 0.00	34.22 0.63 0.00
BARRETT_IC_4 23707	39.14 1.11 0.00	38.68 0.62 0.00	35.44 0.53 0.00	35.72 0.52 0.00	30.94 0.43 0.00	29.38 0.55 0.00	31.80 0.40 0.00	36.43 0.30 0.00	33.72 0.42 0.01	27.02 0.60 0.00	25.29 1.10 -0.81	35.04 1.70 -2.16	38.79 1.76 -3.52	39.04 1.74 0.00	37.74 1.37 0.00	39.04 1.10 0.00	39.17 0.99 0.00	40.39 0.95 0.00	54.06 0.86 0.00	63.59 1.29 0.26	38.31 0.93 0.00	38.27 0.99 0.00	36.63 0.72 0.00	34.22 0.63 0.00
BARRETT_IC_5 23708	39.14 1.11 0.00	38.68 0.62 0.00	35.44 0.53 0.00	35.72 0.52 0.00	30.94 0.43 0.00	29.38 0.55 0.00	31.80 0.40 0.00	36.43 0.30 0.00	33.72 0.42 0.01	27.02 0.60 0.00	25.29 1.10 -0.81	35.04 1.70 -2.16	38.79 1.76 -3.52	39.04 1.74 0.00	37.74 1.37 0.00	39.04 1.10 0.00	39.17 0.99 0.00	40.39 0.95 0.00	54.06 0.86 0.00	63.59 1.29 0.26	38.31 0.93 0.00	38.27 0.99 0.00	36.63 0.72 0.00	34.22 0.63 0.00

BARRETT_IC_6 23709	39.14 1.11 0.00	38.68 0.62 0.00	35.44 0.53 0.00	35.72 0.52 0.00	30.94 0.43 0.00	29.38 0.55 0.00	31.80 0.40 0.00	36.43 0.30 0.00	33.72 0.42 0.01	27.02 0.60 0.00	25.29 1.10 -0.81	35.04 1.70 -2.16	38.79 1.76 -3.52	39.04 1.74 0.00	37.74 1.37 0.00	39.04 1.10 0.00	39.17 0.99 0.00	40.39 0.95 0.00	54.06 0.86 0.00	63.59 1.29 0.26	38.31 0.93 0.00	38.27 0.99 0.00	36.63 0.72 0.00	34.22 0.63 0.00
BARRETT_IC_7 23710	39.14 1.12 0.00	38.68 0.62 0.00	35.44 0.53 0.00	35.72 0.52 0.00	30.94 0.43 0.00	29.38 0.55 0.00	31.80 0.40 0.00	36.43 0.29 0.00	33.72 0.42 0.01	27.02 0.60 0.00	25.29 1.10 -0.81	35.04 1.71 -2.16	38.79 1.76 -3.52	39.04 1.74 0.00	37.74 1.37 0.00	39.04 1.10 0.00	39.18 0.99 0.00	40.39 0.95 0.00	54.06 0.86 0.00	63.59 1.29 0.26	38.31 0.93 0.00	38.27 1.00 0.00	36.63 0.72 0.00	34.22 0.63 0.00
BARRETT_IC_8 23711	39.14 1.11 0.00	38.68 0.62 0.00	35.44 0.53 0.00	35.72 0.52 0.00	30.94 0.43 0.00	29.38 0.55 0.00	31.80 0.40 0.00	36.43 0.30 0.00	33.72 0.42 0.01	27.02 0.60 0.00	25.29 1.10 -0.81	35.04 1.70 -2.16	38.79 1.76 -3.52	39.04 1.74 0.00	37.74 1.37 0.00	39.04 1.10 0.00	39.17 0.99 0.00	40.39 0.95 0.00	54.06 0.86 0.00	63.59 1.29 0.26	38.31 0.93 0.00	38.27 0.99 0.00	36.63 0.72 0.00	34.22 0.63 0.00
BARRETT_IC_9 23700	39.14 1.11 0.00	38.68 0.62 0.00	35.44 0.53 0.00	35.72 0.52 0.00	30.94 0.43 0.00	29.38 0.55 0.00	31.80 0.40 0.00	36.43 0.30 0.00	33.72 0.42 0.01	27.02 0.60 0.00	25.29 1.10 -0.81	35.04 1.70 -2.16	38.79 1.76 -3.52	39.04 1.74 0.00	37.74 1.37 0.00	39.04 1.10 0.00	39.17 0.99 0.00	40.39 0.95 0.00	54.06 0.86 0.00	63.59 1.29 0.26	38.31 0.93 0.00	38.27 0.99 0.00	36.63 0.72 0.00	34.22 0.63 0.00
BARRETT___1 23545	39.14 1.11 0.00	38.68 0.62 0.00	35.44 0.53 0.00	35.72 0.52 0.00	30.94 0.43 0.00	29.38 0.55 0.00	31.80 0.40 0.00	36.43 0.30 0.00	33.72 0.42 0.01	27.02 0.60 0.00	25.29 1.10 -0.81	35.04 1.70 -2.16	38.79 1.76 -3.52	39.04 1.74 0.00	37.74 1.37 0.00	39.04 1.10 0.00	39.17 0.99 0.00	40.39 0.95 0.00	54.06 0.86 0.00	63.59 1.29 0.26	38.31 0.93 0.00	38.27 0.99 0.00	36.63 0.72 0.00	34.22 0.63 0.00
BARRETT___2 23546	39.14 1.11 0.00	38.68 0.62 0.00	35.44 0.53 0.00	35.72 0.52 0.00	30.94 0.43 0.00	29.38 0.55 0.00	31.80 0.40 0.00	36.43 0.30 0.00	33.72 0.42 0.01	27.02 0.60 0.00	25.29 1.10 -0.81	35.04 1.70 -2.16	38.79 1.76 -3.52	39.04 1.74 0.00	37.74 1.37 0.00	39.04 1.10 0.00	39.17 0.99 0.00	40.39 0.95 0.00	54.06 0.86 0.00	63.59 1.29 0.26	38.31 0.93 0.00	38.27 0.99 0.00	36.63 0.72 0.00	34.22 0.63 0.00
BATAVIA___115KV_TB1 55881	38.21 0.18 0.00	38.38 0.32 0.00	35.20 0.28 0.00	35.39 0.20 0.00	30.50 -0.01 0.00	29.26 0.43 0.00	31.73 0.32 0.00	36.64 0.51 0.00	33.86 0.55 0.00	26.81 0.39 0.00	23.39 0.00 0.00	30.45 -0.74 0.00	32.73 -0.78 0.00	36.51 -0.78 0.00	35.76 -0.60 0.00	36.90 -1.04 0.00	36.58 -1.60 0.00	37.76 -1.68 0.00	51.73 -1.48 0.00	60.43 -2.13 0.00	35.85 -1.53 0.00	36.06 -1.21 0.00	35.47 -0.44 0.00	33.81 0.22 0.00
BAYONEEC___CTG1 323682	39.49 1.46 0.00	39.39 1.33 0.00	35.96 1.05 0.00	36.26 1.07 0.00	31.46 0.95 0.00	29.77 0.95 0.00	32.39 0.99 0.00	37.20 1.06 0.00	34.51 1.20 0.00	27.58 1.16 0.00	24.61 1.22 0.00	32.92 1.74 0.00	35.36 1.85 0.00	39.21 1.92 0.00	38.14 1.78 0.00	39.66 1.72 0.00	39.74 1.56 0.00	41.04 1.60 0.00	55.12 1.92 0.00	64.99 2.43 0.00	38.94 1.56 0.00	38.93 1.66 0.00	37.34 1.42 0.00	34.80 1.21 0.00
BAYONEEC___CTG10 323750	39.49 1.46 0.00	39.39 1.33 0.00	35.96 1.05 0.00	36.26 1.07 0.00	31.46 0.95 0.00	29.77 0.95 0.00	32.39 0.99 0.00	37.20 1.06 0.00	34.51 1.20 0.00	27.58 1.16 0.00	24.61 1.22 0.00	32.92 1.74 0.00	35.36 1.85 0.00	39.21 1.92 0.00	38.14 1.78 0.00	39.66 1.72 0.00	39.74 1.56 0.00	41.04 1.60 0.00	55.12 1.92 0.00	64.99 2.43 0.00	38.94 1.56 0.00	38.93 1.66 0.00	37.34 1.42 0.00	34.80 1.21 0.00
BAYONEEC___CTG2 323683	39.49 1.46 0.00	39.39 1.33 0.00	35.96 1.05 0.00	36.26 1.07 0.00	31.46 0.95 0.00	29.77 0.95 0.00	32.39 0.99 0.00	37.20 1.06 0.00	34.51 1.20 0.00	27.58 1.16 0.00	24.61 1.22 0.00	32.92 1.74 0.00	35.36 1.85 0.00	39.21 1.92 0.00	38.14 1.78 0.00	39.66 1.72 0.00	39.74 1.56 0.00	41.04 1.60 0.00	55.12 1.92 0.00	64.99 2.43 0.00	38.94 1.56 0.00	38.93 1.66 0.00	37.34 1.42 0.00	34.80 1.21 0.00
BAYONEEC___CTG3 323684	39.49 1.46 0.00	39.39 1.33 0.00	35.96 1.05 0.00	36.26 1.07 0.00	31.46 0.95 0.00	29.77 0.95 0.00	32.39 0.99 0.00	37.20 1.06 0.00	34.51 1.20 0.00	27.58 1.16 0.00	24.61 1.22 0.00	32.92 1.74 0.00	35.36 1.85 0.00	39.21 1.92 0.00	38.14 1.78 0.00	39.66 1.72 0.00	39.74 1.56 0.00	41.04 1.60 0.00	55.12 1.92 0.00	64.99 2.43 0.00	38.94 1.56 0.00	38.93 1.66 0.00	37.34 1.42 0.00	34.80 1.21 0.00
BAYONEEC___CTG4 323685	39.49 1.46 0.00	39.39 1.33 0.00	35.96 1.05 0.00	36.26 1.07 0.00	31.46 0.95 0.00	29.77 0.95 0.00	32.39 0.99 0.00	37.20 1.06 0.00	34.51 1.20 0.00	27.58 1.16 0.00	24.61 1.22 0.00	32.92 1.74 0.00	35.36 1.85 0.00	39.21 1.92 0.00	38.14 1.78 0.00	39.66 1.72 0.00	39.74 1.56 0.00	41.04 1.60 0.00	55.12 1.92 0.00	64.99 2.43 0.00	38.94 1.56 0.00	38.93 1.66 0.00	37.34 1.42 0.00	34.80 1.21 0.00
BAYONEEC___CTG5 323686	39.49 1.46 0.00	39.39 1.33 0.00	35.96 1.05 0.00	36.26 1.07 0.00	31.46 0.95 0.00	29.77 0.95 0.00	32.39 0.99 0.00	37.20 1.06 0.00	34.51 1.20 0.00	27.58 1.16 0.00	24.61 1.22 0.00	32.92 1.74 0.00	35.36 1.85 0.00	39.21 1.92 0.00	38.14 1.78 0.00	39.66 1.72 0.00	39.74 1.56 0.00	41.04 1.60 0.00	55.12 1.92 0.00	64.99 2.43 0.00	38.94 1.56 0.00	38.93 1.66 0.00	37.34 1.42 0.00	34.80 1.21 0.00
BAYONEEC___CTG6 323687	39.49 1.46 0.00	39.39 1.33 0.00	35.96 1.05 0.00	36.26 1.07 0.00	31.46 0.95 0.00	29.77 0.95 0.00	32.39 0.99 0.00	37.20 1.06 0.00	34.51 1.20 0.00	27.58 1.16 0.00	24.61 1.22 0.00	32.92 1.74 0.00	35.36 1.85 0.00	39.21 1.92 0.00	38.14 1.78 0.00	39.66 1.72 0.00	39.74 1.56 0.00	41.04 1.60 0.00	55.12 1.92 0.00	64.99 2.43 0.00	38.94 1.56 0.00	38.93 1.66 0.00	37.34 1.42 0.00	34.80 1.21 0.00
BAYONEEC___CTG7 323688	39.49 1.46 0.00	39.39 1.33 0.00	35.96 1.05 0.00	36.26 1.07 0.00	31.46 0.95 0.00	29.77 0.95 0.00	32.39 0.99 0.00	37.20 1.06 0.00	34.51 1.20 0.00	27.58 1.16 0.00	24.61 1.22 0.00	32.92 1.74 0.00	35.36 1.85 0.00	39.21 1.92 0.00	38.14 1.78 0.00	39.66 1.72 0.00	39.74 1.56 0.00	41.04 1.60 0.00	55.12 1.92 0.00	64.99 2.43 0.00	38.94 1.56 0.00	38.93 1.66 0.00	37.34 1.42 0.00	34.80 1.21 0.00

BAYONEEC___CTG8 323689	39.49 1.46 0.00	39.39 1.33 0.00	35.96 1.05 0.00	36.26 1.07 0.00	31.46 0.95 0.00	29.77 0.95 0.00	32.39 0.99 0.00	37.20 1.06 0.00	34.51 1.20 0.00	27.58 1.16 0.00	24.61 1.22 0.00	32.92 1.74 0.00	35.36 1.85 0.00	39.21 1.92 0.00	38.14 1.78 0.00	39.66 1.72 0.00	39.74 1.56 0.00	41.04 1.60 0.00	55.12 1.92 0.00	64.99 2.43 0.00	38.94 1.56 0.00	38.93 1.66 0.00	37.34 1.42 0.00	34.80 1.21 0.00
BAYONEEC___CTG9 323749	39.49 1.46 0.00	39.39 1.33 0.00	35.96 1.05 0.00	36.26 1.07 0.00	31.46 0.95 0.00	29.77 0.95 0.00	32.39 0.99 0.00	37.20 1.06 0.00	34.51 1.20 0.00	27.58 1.16 0.00	24.61 1.22 0.00	32.92 1.74 0.00	35.36 1.85 0.00	39.21 1.92 0.00	38.14 1.78 0.00	39.66 1.72 0.00	39.74 1.56 0.00	41.04 1.60 0.00	55.12 1.92 0.00	64.99 2.43 0.00	38.94 1.56 0.00	38.93 1.66 0.00	37.34 1.42 0.00	34.80 1.21 0.00
BEACON___LESR 323632	38.59 0.56 0.00	38.56 0.50 0.00	35.25 0.34 0.00	35.60 0.40 0.00	30.92 0.41 0.00	29.18 0.35 0.00	31.82 0.41 0.00	36.64 0.50 0.00	33.68 0.37 0.00	26.80 0.38 0.00	23.85 0.46 0.00	31.90 0.72 0.00	34.15 0.64 0.00	37.90 0.60 0.00	37.04 0.67 0.00	38.79 0.85 0.00	39.15 0.96 0.00	40.27 0.83 0.00	54.06 0.85 0.00	63.67 1.11 0.00	38.12 0.74 0.00	38.01 0.73 0.00	36.45 0.53 0.00	33.96 0.38 0.00
BEAVER RIVER___HYD 24048	38.78 0.76 0.00	38.61 0.56 0.00	35.41 0.49 0.00	35.91 0.72 0.00	31.23 0.72 0.00	29.54 0.71 0.00	32.14 0.74 0.00	37.18 1.05 0.00	34.02 0.71 0.00	26.58 0.16 0.00	23.27 -0.12 0.00	30.95 -0.23 0.00	33.27 -0.24 0.00	36.87 -0.42 0.00	35.80 -0.56 0.00	37.52 -0.42 0.00	38.27 0.09 0.00	39.87 0.43 0.00	54.75 1.55 0.00	64.40 1.84 0.00	38.23 0.85 0.00	37.95 0.67 0.00	36.62 0.71 0.00	34.23 0.65 0.00
BEEBEE_GT_13 23619	37.79 -0.24 0.00	37.87 -0.19 0.00	34.72 -0.20 0.00	34.95 -0.24 0.00	30.20 -0.31 0.00	28.78 -0.06 0.00	31.28 -0.12 0.00	36.10 -0.04 0.00	33.34 0.03 0.00	26.40 -0.03 0.00	23.18 -0.20 0.00	30.60 -0.58 0.00	32.93 -0.57 0.00	36.75 -0.55 0.00	35.89 -0.47 0.00	37.26 -0.68 0.00	37.23 -0.95 0.00	38.45 -0.99 0.00	52.21 -0.99 0.00	61.14 -1.42 0.00	36.34 -1.04 0.00	36.39 -0.89 0.00	35.41 -0.50 0.00	33.44 -0.14 0.00
BENSHRST_27_KV_BENSHRST_1 355998	39.65 1.62 0.00	39.59 1.53 0.00	36.12 1.20 0.00	36.37 1.18 0.00	31.54 1.03 0.00	29.89 1.06 0.00	32.53 1.13 0.00	37.32 1.19 0.00	34.71 1.40 0.00	27.74 1.32 0.00	24.76 1.38 0.00	33.05 1.88 0.00	35.42 1.91 0.00	39.19 1.90 0.00	38.18 1.81 0.00	39.73 1.79 0.00	39.72 1.54 0.00	41.03 1.59 0.00	55.16 1.96 0.00	65.06 2.50 0.00	39.00 1.62 0.00	38.95 1.67 0.00	37.40 1.49 0.00	34.88 1.30 0.00
BETHLEHEM___GRP 23843	37.96 -0.07 0.00	37.96 -0.09 0.00	34.76 -0.15 0.00	35.05 -0.14 0.00	30.52 0.02 0.00	28.78 -0.05 0.00	31.36 -0.04 0.00	36.05 -0.09 0.00	33.19 -0.11 0.00	26.41 -0.02 0.00	23.49 0.10 0.00	31.37 0.19 0.00	33.57 0.06 0.00	37.33 0.04 0.00	36.45 0.08 0.00	38.12 0.18 0.00	38.37 0.19 0.00	39.54 0.10 0.00	53.06 -0.14 0.00	62.49 -0.07 0.00	37.51 0.13 0.00	37.38 0.10 0.00	35.84 -0.07 0.00	33.44 -0.15 0.00
BETHLEHEM___GS1 323560	37.96 -0.07 0.00	37.96 -0.09 0.00	34.77 -0.15 0.00	35.05 -0.14 0.00	30.52 0.02 0.00	28.78 -0.05 0.00	31.36 -0.04 0.00	36.05 -0.08 0.00	33.20 -0.11 0.00	26.41 -0.02 0.00	23.49 0.10 0.00	31.37 0.19 0.00	33.57 0.06 0.00	37.33 0.04 0.00	36.45 0.08 0.00	38.12 0.18 0.00	38.37 0.19 0.00	39.54 0.10 0.00	53.06 -0.14 0.00	62.49 -0.07 0.00	37.51 0.14 0.00	37.38 0.11 0.00	35.84 -0.07 0.00	33.44 -0.15 0.00
BETHLEHEM___GS2 323561	37.96 -0.07 0.00	37.96 -0.09 0.00	34.77 -0.15 0.00	35.05 -0.14 0.00	30.52 0.02 0.00	28.78 -0.05 0.00	31.36 -0.04 0.00	36.05 -0.08 0.00	33.20 -0.11 0.00	26.41 -0.02 0.00	23.49 0.10 0.00	31.37 0.19 0.00	33.57 0.06 0.00	37.33 0.04 0.00	36.45 0.08 0.00	38.12 0.18 0.00	38.37 0.19 0.00	39.54 0.10 0.00	53.06 -0.14 0.00	62.49 -0.07 0.00	37.51 0.14 0.00	37.38 0.11 0.00	35.84 -0.07 0.00	33.44 -0.15 0.00
BETHLEHEM___GS3 323562	37.96 -0.07 0.00	37.96 -0.09 0.00	34.77 -0.15 0.00	35.05 -0.14 0.00	30.52 0.02 0.00	28.78 -0.05 0.00	31.36 -0.04 0.00	36.05 -0.08 0.00	33.20 -0.11 0.00	26.41 -0.02 0.00	23.49 0.10 0.00	31.37 0.19 0.00	33.57 0.06 0.00	37.33 0.04 0.00	36.45 0.08 0.00	38.12 0.18 0.00	38.37 0.19 0.00	39.54 0.10 0.00	53.06 -0.14 0.00	62.49 -0.07 0.00	37.51 0.14 0.00	37.38 0.11 0.00	35.84 -0.07 0.00	33.44 -0.15 0.00
BETHLEHEM___STEEL 23779	37.53 -0.50 0.00	37.75 -0.30 0.00	34.58 -0.34 0.00	34.77 -0.43 0.00	29.98 -0.53 0.00	28.77 -0.06 0.00	31.15 -0.25 0.00	35.99 -0.14 0.00	33.32 0.00 0.00	26.48 0.05 0.00	23.22 -0.17 0.00	30.41 -0.77 0.00	32.76 -0.75 0.00	36.53 -0.77 0.00	35.63 -0.73 0.00	36.65 -1.30 0.00	36.12 -2.06 0.00	37.02 -2.43 0.00	50.46 -2.75 0.00	58.83 -3.74 0.00	34.90 -2.48 0.00	35.23 -2.05 0.00	34.76 -1.15 0.00	33.21 -0.38 0.00
BETHLHEM_115KV_TB1 79974	38.07 0.05 0.00	38.09 0.03 0.00	34.88 -0.03 0.00	35.17 -0.02 0.00	30.60 0.09 0.00	28.85 0.02 0.00	31.43 0.03 0.00	36.14 0.01 0.00	33.29 -0.02 0.00	26.48 0.06 0.00	23.54 0.16 0.00	31.44 0.26 0.00	33.68 0.16 0.00	37.44 0.15 0.00	36.54 0.18 0.00	38.21 0.27 0.00	38.47 0.28 0.00	39.63 0.19 0.00	53.21 0.01 0.00	62.67 0.11 0.00	37.60 0.22 0.00	37.49 0.21 0.00	35.95 0.04 0.00	33.54 -0.05 0.00
BETHPAGE_CC_5 323564	39.23 1.20 0.00	38.78 0.73 0.00	35.56 0.64 0.00	35.78 0.59 0.00	30.98 0.47 0.00	29.36 0.53 0.00	31.75 0.34 0.00	36.42 0.28 0.00	33.74 0.43 0.01	27.03 0.61 0.00	24.63 1.12 -0.12	33.08 1.71 -0.19	35.86 1.82 -0.54	39.13 1.83 0.00	37.85 1.49 0.00	39.11 1.17 0.00	39.21 1.03 0.00	40.44 1.00 0.00	54.13 0.95 0.03	50.37 1.40 13.60	38.32 0.94 0.00	38.27 1.00 0.00	36.62 0.71 0.00	34.15 0.57 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	37.57 -0.45 0.00	37.81 -0.25 0.00	34.63 -0.29 0.00	34.81 -0.39 0.00	30.02 -0.49 0.00	28.81 -0.02 0.00	31.19 -0.21 0.00	36.04 -0.10 0.00	33.37 0.05 0.00	26.52 0.10 0.00	23.26 -0.13 0.00	30.46 -0.72 0.00	32.82 -0.69 0.00	36.58 -0.71 0.00	35.69 -0.67 0.00	36.71 -1.23 0.00	36.20 -1.98 0.00	37.09 -2.35 0.00	50.57 -2.63 0.00	58.99 -3.58 0.00	34.99 -2.38 0.00	35.32 -1.96 0.00	34.83 -1.09 0.00	33.26 -0.33 0.00
BINGHAMTON___COGEN 23790	38.11 0.08 0.00	38.17 0.12 0.00	34.96 0.04 0.00	35.18 -0.01 0.00	30.47 -0.04 0.00	28.83 -0.01 0.00	31.41 0.01 0.00	36.18 0.05 0.00	33.41 0.09 0.00	26.44 0.02 0.00	23.34 -0.05 0.00	31.10 -0.08 0.00	33.37 -0.13 0.00	37.16 -0.13 0.00	36.26 -0.10 0.00	37.84 -0.10 0.00	38.07 -0.11 0.00	39.30 -0.14 0.00	53.22 0.02 0.00	62.56 -0.01 0.00	37.36 -0.02 0.00	37.33 0.06 0.00	35.96 0.04 0.00	33.62 0.04 0.00

BIXINCNT_115KV_LOAD 355685	37.49 -0.54 0.00	37.93 -0.12 0.00	34.71 -0.21 0.00	34.78 -0.41 0.00	30.23 -0.28 0.00	28.96 0.13 0.00	31.37 -0.03 0.00	36.14 0.00 0.00	33.55 0.24 0.00	26.67 0.24 0.00	23.35 -0.04 0.00	30.55 -0.63 0.00	32.93 -0.58 0.00	36.75 -0.54 0.00	35.73 -0.63 0.00	36.66 -1.28 0.00	36.25 -1.93 0.00	36.99 -2.44 0.00	50.65 -2.55 0.00	59.35 -3.21 0.00	35.28 -2.10 0.00	35.67 -1.61 0.00	35.05 -0.86 0.00	33.27 -0.31 0.00
BLACK RIVER___HYD 24047	38.87 0.84 0.00	38.75 0.69 0.00	35.59 0.68 0.00	36.06 0.87 0.00	31.36 0.85 0.00	29.65 0.83 0.00	32.29 0.89 0.00	37.41 1.27 0.00	34.16 0.84 0.00	26.56 0.14 0.00	23.16 -0.23 0.00	30.80 -0.37 0.00	32.98 -0.53 0.00	36.46 -0.83 0.00	35.37 -0.99 0.00	37.16 -0.79 0.00	38.23 0.05 0.00	39.86 0.42 0.00	55.09 1.89 0.00	64.86 2.30 0.00	38.48 1.10 0.00	38.07 0.79 0.00	36.74 0.83 0.00	34.30 0.71 0.00
BLACKRVR_115KV_TB2 79977	38.87 0.84 0.00	38.75 0.69 0.00	35.59 0.68 0.00	36.06 0.87 0.00	31.36 0.85 0.00	29.65 0.83 0.00	32.29 0.89 0.00	37.41 1.27 0.00	34.16 0.85 0.00	26.56 0.13 0.00	23.16 -0.23 0.00	30.81 -0.37 0.00	32.98 -0.53 0.00	36.46 -0.83 0.00	35.37 -0.99 0.00	37.16 -0.79 0.00	38.23 0.05 0.00	39.86 0.42 0.00	55.09 1.89 0.00	64.86 2.30 0.00	38.48 1.10 0.00	38.07 0.79 0.00	36.74 0.83 0.00	34.30 0.71 0.00
BLDWN_LI_69_KV_BK4 356085	39.43 1.41 0.00	38.98 0.92 0.00	35.70 0.79 0.00	35.95 0.76 0.00	31.15 0.64 0.00	29.55 0.72 0.00	31.99 0.59 0.00	36.68 0.55 0.00	34.00 0.69 0.01	27.24 0.82 0.00	24.97 1.27 -0.32	33.83 1.93 -0.72	36.92 2.03 -1.38	39.34 2.05 0.00	38.08 1.71 0.00	39.40 1.46 0.00	39.53 1.35 0.00	40.76 1.32 0.00	54.45 1.26 0.02	56.39 1.92 8.10	38.66 1.28 0.00	38.61 1.33 0.00	36.95 1.04 0.00	34.47 0.88 0.00
BLISS_WT_PWR 323608	37.39 -0.64 0.00	37.90 -0.16 0.00	34.67 -0.24 0.00	34.71 -0.49 0.00	30.23 -0.28 0.00	28.96 0.13 0.00	31.35 -0.05 0.00	36.09 -0.04 0.00	33.53 0.22 0.00	26.66 0.24 0.00	23.33 -0.06 0.00	30.51 -0.67 0.00	32.92 -0.58 0.00	36.76 -0.54 0.00	35.71 -0.65 0.00	36.61 -1.33 0.00	36.19 -1.99 0.00	36.86 -2.58 0.00	50.50 -2.70 0.00	59.24 -3.32 0.00	35.21 -2.17 0.00	35.61 -1.67 0.00	35.02 -0.90 0.00	33.20 -0.39 0.00
BLUESTONE___WT_PWR 323821	38.17 0.15 0.00	39.27 1.22 0.00	36.14 1.23 0.00	36.35 1.16 0.00	31.52 1.01 0.00	29.71 0.88 0.00	31.99 0.59 0.00	36.74 0.61 0.00	33.70 0.39 0.00	26.70 0.28 0.00	23.46 0.07 0.00	31.30 0.12 0.00	33.58 0.07 0.00	37.24 -0.05 0.00	36.38 0.02 0.00	38.56 0.62 0.00	39.15 0.97 0.00	40.51 1.07 0.00	56.34 3.14 0.00	64.73 2.17 0.00	38.34 0.96 0.00	37.64 0.36 0.00	36.08 0.17 0.00	33.56 -0.03 0.00
BLUE_CIRC_CHEM_DRP 24182	38.52 0.50 0.00	38.56 0.50 0.00	35.34 0.43 0.00	35.62 0.43 0.00	30.95 0.44 0.00	29.18 0.35 0.00	31.80 0.40 0.00	36.55 0.42 0.00	33.64 0.33 0.00	26.66 0.24 0.00	23.69 0.31 0.00	31.66 0.48 0.00	33.93 0.43 0.00	37.70 0.41 0.00	36.79 0.43 0.00	38.58 0.64 0.00	38.87 0.69 0.00	40.06 0.62 0.00	53.79 0.58 0.00	63.32 0.76 0.00	37.99 0.61 0.00	37.88 0.60 0.00	36.36 0.44 0.00	33.91 0.33 0.00
BOC_GAS_DRP 24189	38.36 0.33 0.00	38.39 0.34 0.00	35.18 0.27 0.00	35.47 0.27 0.00	30.79 0.29 0.00	29.03 0.20 0.00	31.61 0.21 0.00	36.35 0.22 0.00	33.51 0.20 0.00	26.65 0.23 0.00	23.69 0.30 0.00	31.64 0.46 0.00	33.93 0.42 0.00	37.73 0.44 0.00	36.80 0.44 0.00	38.44 0.50 0.00	38.67 0.49 0.00	39.86 0.43 0.00	53.55 0.35 0.00	63.06 0.50 0.00	37.82 0.45 0.00	37.75 0.47 0.00	36.22 0.31 0.00	33.79 0.21 0.00
BOONVILLE_115KV_TB1 79983	38.69 0.67 0.00	38.61 0.55 0.00	35.44 0.52 0.00	35.86 0.66 0.00	31.14 0.63 0.00	29.43 0.60 0.00	32.05 0.64 0.00	36.98 0.85 0.00	33.95 0.64 0.00	26.72 0.29 0.00	23.51 0.12 0.00	31.28 0.10 0.00	33.62 0.11 0.00	37.42 0.12 0.00	36.49 0.13 0.00	38.22 0.28 0.00	38.65 0.47 0.00	40.16 0.72 0.00	54.62 1.42 0.00	64.24 1.68 0.00	38.25 0.87 0.00	38.02 0.74 0.00	36.60 0.69 0.00	34.19 0.60 0.00
BORALEX_4TH_BRANCH 23824	39.12 1.09 0.00	39.01 0.96 0.00	35.59 0.68 0.00	35.89 0.70 0.00	31.12 0.61 0.00	29.37 0.54 0.00	32.04 0.64 0.00	36.78 0.64 0.00	33.82 0.51 0.00	26.92 0.49 0.00	23.97 0.59 0.00	32.00 0.82 0.00	34.25 0.73 0.00	38.21 0.92 0.00	37.30 0.94 0.00	39.03 1.09 0.00	39.44 1.26 0.00	40.64 1.20 0.00	54.35 1.15 0.00	64.05 1.49 0.00	38.48 1.10 0.00	38.31 1.03 0.00	36.84 0.93 0.00	34.25 0.66 0.00
BOWLINE___1 23526	39.21 1.19 0.00	39.14 1.08 0.00	35.73 0.81 0.00	36.02 0.83 0.00	31.22 0.71 0.00	29.53 0.70 0.00	32.13 0.72 0.00	36.93 0.80 0.00	34.25 0.94 0.00	27.32 0.89 0.00	24.36 0.97 0.00	32.61 1.43 0.00	35.01 1.50 0.00	38.87 1.58 0.00	37.84 1.48 0.00	39.41 1.47 0.00	39.56 1.38 0.00	40.84 1.40 0.00	54.96 1.75 0.00	64.83 2.27 0.00	38.82 1.44 0.00	38.78 1.50 0.00	37.14 1.23 0.00	34.61 1.02 0.00
BOWLINE___2 23595	39.21 1.18 0.00	39.13 1.07 0.00	35.71 0.79 0.00	36.02 0.82 0.00	31.22 0.71 0.00	29.52 0.69 0.00	32.12 0.72 0.00	36.93 0.79 0.00	34.25 0.93 0.00	27.31 0.89 0.00	24.35 0.96 0.00	32.60 1.42 0.00	35.00 1.49 0.00	38.86 1.57 0.00	37.83 1.47 0.00	39.40 1.46 0.00	39.56 1.38 0.00	40.83 1.39 0.00	54.93 1.73 0.00	64.82 2.25 0.00	38.81 1.43 0.00	38.77 1.49 0.00	37.14 1.23 0.00	34.60 1.01 0.00
BRADY___115KV_TB2 356060	39.16 1.13 0.00	39.18 1.12 0.00	36.00 1.08 0.00	36.31 1.12 0.00	31.47 0.97 0.00	29.82 0.99 0.00	32.51 1.10 0.00	37.43 1.29 0.00	34.35 1.04 0.00	27.02 0.59 0.00	23.81 0.42 0.00	31.71 0.53 0.00	34.16 0.65 0.00	38.02 0.73 0.00	37.01 0.64 0.00	38.57 0.62 0.00	39.07 0.89 0.00	40.47 1.03 0.00	54.91 1.70 0.00	64.72 2.15 0.00	38.49 1.11 0.00	38.38 1.10 0.00	37.11 1.20 0.00	34.81 1.22 0.00
BRANSCOMB___SOLAR 323811	39.24 1.22 0.00	39.19 1.14 0.00	35.81 0.89 0.00	36.11 0.91 0.00	31.37 0.86 0.00	29.64 0.81 0.00	32.35 0.95 0.00	37.17 1.03 0.00	34.13 0.82 0.00	27.00 0.58 0.00	24.02 0.63 0.00	32.08 0.90 0.00	34.36 0.85 0.00	38.16 0.86 0.00	37.27 0.91 0.00	39.15 1.21 0.00	39.65 1.46 0.00	40.98 1.54 0.00	55.02 1.82 0.00	64.75 2.19 0.00	38.87 1.50 0.00	38.70 1.42 0.00	37.10 1.19 0.00	34.46 0.88 0.00
BRDGHMPT_69_KV_BK1 55812	38.91 0.88 0.00	38.26 0.20 0.00	34.96 0.04 0.00	35.13 -0.07 0.00	30.42 -0.09 0.00	28.98 0.15 0.00	31.38 -0.02 0.00	35.99 -0.14 0.00	33.28 -0.03 0.01	26.67 0.25 0.00	24.49 1.07 -0.04	32.65 1.51 0.03	35.27 1.61 -0.15	38.94 1.65 0.00	37.62 1.26 0.00	38.73 0.79 0.00	38.81 0.63 0.00	40.05 0.61 0.00	53.38 0.21 0.03	45.49 0.46 17.53	37.82 0.45 0.00	37.67 0.40 0.00	35.94 0.03 0.00	33.44 -0.14 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	39.48 1.45 0.00	38.91 0.86 0.00	35.65 0.74 0.00	35.89 0.70 0.00	31.07 0.56 0.00	29.50 0.66 0.00	31.94 0.54 0.00	36.57 0.44 0.00	33.92 0.62 0.01	27.15 0.73 0.00	24.75 1.31 -0.05	33.09 1.91 0.00	35.77 2.05 -0.21	39.50 2.21 0.00	38.15 1.79 0.00	39.29 1.35 0.00	39.37 1.19 0.00	40.58 1.14 0.00	54.14 0.97 0.03	47.02 1.34 16.89	38.38 1.00 0.00	38.33 1.05 0.00	36.71 0.80 0.00	34.23 0.65 0.00
BRISTLHL_115KV_TB1 79998	37.23 -0.79 0.00	37.24 -0.82 0.00	34.15 -0.76 0.00	34.41 -0.78 0.00	29.82 -0.68 0.00	28.21 -0.62 0.00	30.72 -0.68 0.00	35.38 -0.75 0.00	32.64 -0.67 0.00	25.83 -0.59 0.00	22.78 -0.61 0.00	30.32 -0.86 0.00	32.57 -0.94 0.00	36.26 -1.04 0.00	35.38 -0.99 0.00	36.93 -1.01 0.00	37.18 -1.00 0.00	38.41 -1.03 0.00	51.96 -1.24 0.00	61.08 -1.48 0.00	36.48 -0.90 0.00	36.39 -0.88 0.00	35.12 -0.79 0.00	32.86 -0.72 0.00
BROOKHAVEN___DRP 24191	39.21 1.18 0.00	38.65 0.59 0.00	35.35 0.43 0.00	35.55 0.36 0.00	30.78 0.27 0.00	29.25 0.42 0.00	31.68 0.28 0.00	36.30 0.16 0.00	33.54 0.23 0.01	26.82 0.40 0.00	24.56 1.14 -0.03	32.76 1.62 0.03	35.39 1.73 -0.15	39.07 1.78 0.00	37.75 1.38 0.00	38.88 0.93 0.00	38.96 0.78 0.00	40.17 0.73 0.00	53.53 0.36 0.03	45.70 0.68 17.55	38.00 0.62 0.00	37.92 0.64 0.00	36.25 0.34 0.00	33.76 0.17 0.00
BROOKLYN_NAVY_YARD 23515	39.37 1.34 0.00	39.26 1.21 0.00	35.85 0.94 0.00	36.13 0.96 0.02	31.33 0.84 0.02	29.66 0.84 0.01	32.29 0.89 0.00	37.08 0.95 0.00	34.41 1.10 0.00	27.49 1.07 0.00	24.53 1.14 0.00	32.84 1.66 0.00	35.28 1.77 0.00	39.12 1.82 0.00	38.06 1.69 0.00	39.58 1.64 0.00	39.65 1.47 0.00	40.94 1.50 0.00	54.99 1.79 0.00	64.83 2.26 0.00	38.83 1.45 0.00	38.84 1.56 0.00	37.25 1.34 0.00	34.69 1.10 0.00
BROOKLYN___ARMY_DRP 323595	39.48 1.45 0.00	39.41 1.36 0.00	35.97 1.05 0.00	36.22 1.03 0.00	31.42 0.91 0.00	29.77 0.94 0.00	32.39 0.99 0.00	37.16 1.02 0.00	34.56 1.25 0.00	27.62 1.19 0.00	24.64 1.25 0.00	32.89 1.71 0.00	35.25 1.74 0.00	38.99 1.70 0.00	37.97 1.61 0.00	39.53 1.59 0.00	39.52 1.34 0.00	40.82 1.38 0.00	54.85 1.65 0.00	64.70 2.14 0.00	38.79 1.41 0.00	38.75 1.48 0.00	37.22 1.31 0.00	34.71 1.13 0.00
BROOME_2_LFGE 323671	38.11 0.08 0.00	38.17 0.12 0.00	34.96 0.04 0.00	35.18 -0.01 0.00	30.47 -0.04 0.00	28.83 0.00 0.00	31.41 0.01 0.00	36.19 0.05 0.00	33.41 0.09 0.00	26.44 0.02 0.00	23.34 -0.05 0.00	31.10 -0.08 0.00	33.38 -0.13 0.00	37.16 -0.13 0.00	36.26 -0.10 0.00	37.84 -0.10 0.00	38.07 -0.11 0.00	39.30 -0.14 0.00	53.22 0.02 0.00	62.56 -0.01 0.00	37.36 -0.02 0.00	37.33 0.06 0.00	35.96 0.04 0.00	33.62 0.04 0.00
BROOME___LFGE 323600	38.11 0.08 0.00	38.17 0.12 0.00	34.96 0.04 0.00	35.18 -0.01 0.00	30.47 -0.04 0.00	28.83 0.00 0.00	31.41 0.01 0.00	36.19 0.05 0.00	33.41 0.09 0.00	26.44 0.02 0.00	23.34 -0.05 0.00	31.10 -0.08 0.00	33.38 -0.13 0.00	37.16 -0.13 0.00	36.26 -0.10 0.00	37.84 -0.10 0.00	38.07 -0.11 0.00	39.30 -0.14 0.00	53.22 0.02 0.00	62.56 -0.01 0.00	37.36 -0.02 0.00	37.33 0.06 0.00	35.96 0.04 0.00	33.62 0.04 0.00
BROWNFLS_115KV_TB 3_5 80003	38.89 0.86 0.00	38.78 0.73 0.00	35.60 0.68 0.00	36.02 0.83 0.00	31.30 0.79 0.00	29.62 0.80 0.00	32.27 0.87 0.00	37.26 1.13 0.00	34.15 0.84 0.00	26.76 0.34 0.00	23.48 0.09 0.00	31.25 0.08 0.00	33.62 0.11 0.00	37.32 0.03 0.00	36.25 -0.11 0.00	37.85 -0.09 0.00	38.55 0.37 0.00	39.98 0.54 0.00	54.62 1.42 0.00	64.22 1.66 0.00	38.22 0.84 0.00	38.07 0.80 0.00	36.79 0.88 0.00	34.43 0.84 0.00
BROWNSV1_27_KV_LOAD 356125	39.82 1.80 0.00	39.72 1.66 0.00	36.25 1.33 0.00	36.54 1.35 0.00	31.69 1.18 0.00	30.00 1.17 0.00	32.65 1.24 0.00	37.50 1.36 0.00	34.80 1.49 0.00	27.81 1.39 0.00	24.82 1.43 0.00	33.21 2.03 0.00	35.68 2.17 0.00	39.56 2.27 0.00	38.49 2.13 0.00	40.04 2.10 0.00	40.12 1.94 0.00	41.42 1.98 0.00	55.65 2.45 0.00	65.63 3.06 0.00	39.31 1.93 0.00	39.29 2.01 0.00	37.66 1.75 0.00	35.08 1.50 0.00
BURROWS___LYONSDAL 23803	38.70 0.67 0.00	38.58 0.52 0.00	35.38 0.47 0.00	35.85 0.66 0.00	31.15 0.64 0.00	29.44 0.61 0.00	32.05 0.64 0.00	37.01 0.88 0.00	33.94 0.63 0.00	26.67 0.24 0.00	23.44 0.05 0.00	31.18 0.01 0.00	33.53 0.03 0.00	37.27 -0.02 0.00	36.30 -0.06 0.00	38.03 0.08 0.00	38.51 0.33 0.00	40.06 0.62 0.00	54.63 1.43 0.00	64.25 1.69 0.00	38.22 0.83 0.00	37.95 0.68 0.00	36.55 0.64 0.00	34.16 0.58 0.00
CAITHNESS_CC_1 323624	39.24 1.22 0.00	38.67 0.62 0.00	35.38 0.47 0.00	35.59 0.40 0.00	30.81 0.30 0.00	29.28 0.45 0.00	31.71 0.30 0.00	36.32 0.19 0.00	33.57 0.27 0.01	26.85 0.43 0.00	24.57 1.15 -0.03	32.79 1.64 0.04	35.41 1.76 -0.15	39.09 1.80 0.00	37.77 1.41 0.00	38.90 0.96 0.00	38.98 0.80 0.00	40.20 0.76 0.00	53.57 0.39 0.03	45.73 0.73 17.56	38.03 0.65 0.00	37.95 0.68 0.00	36.30 0.39 0.00	33.79 0.21 0.00
CALPINE BETH_PAGE_GT4 24209	39.34 1.32 0.00	38.90 0.85 0.00	35.65 0.73 0.00	35.87 0.68 0.00	31.07 0.56 0.00	29.45 0.61 0.00	31.79 0.39 0.00	36.46 0.33 0.00	33.79 0.48 0.01	27.08 0.66 0.00	24.68 1.13 -0.15	33.19 1.74 -0.27	36.03 1.85 -0.68	39.16 1.86 0.00	37.89 1.53 0.00	39.16 1.22 0.00	39.27 1.09 0.00	40.49 1.05 0.00	54.19 1.01 0.02	51.87 1.47 12.16	38.38 1.00 0.00	38.32 1.04 0.00	36.68 0.77 0.00	34.22 0.63 0.00
CALPINE_BETH_PAGE_GT_4 323586	39.34 1.32 0.00	38.90 0.85 0.00	35.65 0.73 0.00	35.87 0.68 0.00	31.06 0.55 0.00	29.45 0.62 0.00	31.79 0.39 0.00	36.46 0.33 0.00	33.79 0.48 0.01	27.08 0.66 0.00	24.68 1.13 -0.15	33.19 1.74 -0.27	36.03 1.85 -0.68	39.15 1.86 0.00	37.89 1.53 0.00	39.17 1.23 0.00	39.27 1.09 0.00	40.49 1.05 0.00	54.19 1.01 0.02	51.87 1.47 12.16	38.38 1.00 0.00	38.32 1.04 0.00	36.68 0.77 0.00	34.22 0.63 0.00
CALPINE_BP_GT1 23823	39.34 1.32 0.00	38.90 0.85 0.00	35.65 0.73 0.00	35.87 0.68 0.00	31.06 0.55 0.00	29.45 0.62 0.00	31.79 0.39 0.00	36.46 0.33 0.00	33.79 0.48 0.01	27.08 0.66 0.00	24.68 1.13 -0.15	33.19 1.74 -0.27	36.03 1.85 -0.68	39.15 1.86 0.00	37.89 1.53 0.00	39.17 1.23 0.00	39.27 1.09 0.00	40.49 1.05 0.00	54.19 1.01 0.02	51.87 1.47 12.16	38.38 1.00 0.00	38.32 1.04 0.00	36.68 0.77 0.00	34.22 0.63 0.00
CALSPAN___DRP 24200	37.53 -0.50 0.00	37.75 -0.30 0.00	34.58 -0.34 0.00	34.77 -0.43 0.00	29.98 -0.53 0.00	28.77 -0.06 0.00	31.15 -0.25 0.00	35.99 -0.14 0.00	33.32 0.00 0.00	26.48 0.05 0.00	23.22 -0.17 0.00	30.41 -0.77 0.00	32.76 -0.75 0.00	36.53 -0.77 0.00	35.63 -0.73 0.00	36.65 -1.30 0.00	36.12 -2.06 0.00	37.02 -2.43 0.00	50.46 -2.75 0.00	58.83 -3.74 0.00	34.90 -2.48 0.00	35.23 -2.05 0.00	34.76 -1.15 0.00	33.21 -0.38 0.00

CALVERTON___SOLAR 323806	39.18 1.16 0.00	38.61 0.55 0.00	35.31 0.39 0.00	35.50 0.31 0.00	30.75 0.24 0.00	29.23 0.39 0.00	31.65 0.24 0.00	36.28 0.14 0.00	33.50 0.19 0.01	26.80 0.38 0.00	24.56 1.14 -0.03	32.75 1.61 0.03	35.38 1.72 -0.15	39.06 1.76 0.00	37.72 1.36 0.00	38.86 0.92 0.00	38.94 0.75 0.00	40.16 0.73 0.00	53.51 0.34 0.03	45.68 0.65 17.54	37.98 0.60 0.00	37.89 0.61 0.00	36.22 0.30 0.00	33.72 0.13 0.00
CANDIGU_WT_PWR 323617	37.33 -0.70 0.00	37.43 -0.62 0.00	34.17 -0.75 0.00	34.29 -0.90 0.00	29.64 -0.87 0.00	28.28 -0.55 0.00	30.80 -0.60 0.00	35.62 -0.51 0.00	33.04 -0.28 0.00	26.03 -0.40 0.00	22.79 -0.60 0.00	30.22 -0.96 0.00	32.53 -0.98 0.00	36.25 -1.04 0.00	35.38 -0.99 0.00	36.60 -1.34 0.00	36.57 -1.61 0.00	37.49 -1.95 0.00	51.20 -2.00 0.00	60.48 -2.08 0.00	36.19 -1.19 0.00	36.32 -0.96 0.00	35.09 -0.83 0.00	32.89 -0.69 0.00
CARR STREET_E_SYR 24060	37.51 -0.52 0.00	37.53 -0.52 0.00	34.41 -0.51 0.00	34.66 -0.53 0.00	30.04 -0.47 0.00	28.41 -0.42 0.00	30.96 -0.45 0.00	35.66 -0.47 0.00	32.88 -0.43 0.00	26.03 -0.39 0.00	22.96 -0.43 0.00	30.55 -0.63 0.00	32.82 -0.69 0.00	36.56 -0.74 0.00	35.70 -0.66 0.00	37.27 -0.67 0.00	37.45 -0.73 0.00	38.69 -0.75 0.00	52.30 -0.90 0.00	61.45 -1.11 0.00	36.69 -0.69 0.00	36.62 -0.66 0.00	35.40 -0.51 0.00	33.12 -0.47 0.00
CARTHAGE___PAPER 23857	39.06 1.03 0.00	38.91 0.85 0.00	35.71 0.79 0.00	36.19 1.00 0.00	31.48 0.97 0.00	29.78 0.95 0.00	32.42 1.02 0.00	37.52 1.39 0.00	34.28 0.96 0.00	26.70 0.27 0.00	23.31 -0.07 0.00	31.00 -0.17 0.00	33.27 -0.24 0.00	36.83 -0.46 0.00	35.73 -0.63 0.00	37.58 -0.37 0.00	38.51 0.33 0.00	40.15 0.71 0.00	55.29 2.09 0.00	65.06 2.49 0.00	38.60 1.22 0.00	38.24 0.96 0.00	36.91 1.00 0.00	34.47 0.88 0.00
CASSADAGA_WT_PWR 323784	37.56 -0.47 0.00	37.86 -0.20 0.00	34.34 -0.58 0.00	34.35 -0.84 0.00	29.66 -0.85 0.00	28.51 -0.32 0.00	30.81 -0.59 0.00	35.73 -0.40 0.00	33.50 0.19 0.00	26.72 0.30 0.00	23.46 0.07 0.00	30.91 -0.27 0.00	33.23 -0.28 0.00	37.12 -0.17 0.00	35.84 -0.52 0.00	36.88 -1.06 0.00	36.67 -1.51 0.00	37.58 -1.86 0.00	50.61 -2.60 0.00	59.04 -3.52 0.00	34.96 -2.42 0.00	35.08 -2.20 0.00	34.80 -1.11 0.00	33.37 -0.22 0.00
CE_DUNWOOD___DRP 24194	39.39 1.36 0.00	39.30 1.24 0.00	35.88 0.96 0.00	36.18 0.99 0.00	31.37 0.86 0.00	29.67 0.84 0.00	32.28 0.88 0.00	37.09 0.96 0.00	34.39 1.08 0.00	27.45 1.03 0.00	24.50 1.11 0.00	32.78 1.60 0.00	35.21 1.70 0.00	39.08 1.79 0.00	38.03 1.67 0.00	39.58 1.64 0.00	39.72 1.53 0.00	40.98 1.54 0.00	55.07 1.87 0.00	64.94 2.38 0.00	38.90 1.52 0.00	38.87 1.59 0.00	37.24 1.33 0.00	34.69 1.11 0.00
CE_MILLWOOD___DRP 24193	39.32 1.29 0.00	39.22 1.17 0.00	35.82 0.90 0.00	36.12 0.93 0.00	31.31 0.80 0.00	29.61 0.78 0.00	32.22 0.82 0.00	37.03 0.90 0.00	34.32 1.01 0.00	27.39 0.97 0.00	24.44 1.05 0.00	32.70 1.52 0.00	35.11 1.60 0.00	38.98 1.69 0.00	37.95 1.58 0.00	39.51 1.56 0.00	39.65 1.47 0.00	40.92 1.48 0.00	55.00 1.80 0.00	64.86 2.30 0.00	38.85 1.47 0.00	38.81 1.53 0.00	37.18 1.27 0.00	34.63 1.05 0.00
CE_NYC2_DRP 24202	39.53 1.51 0.00	39.46 1.40 0.00	36.01 1.09 0.00	36.22 1.03 0.00	31.44 0.93 0.00	29.79 0.97 0.00	32.42 1.02 0.00	37.18 1.05 0.00	34.53 1.22 0.00	27.61 1.19 0.00	24.65 1.26 0.00	32.95 1.77 0.00	35.35 1.85 0.00	39.13 1.84 0.00	38.08 1.72 0.00	39.61 1.67 0.00	39.65 1.47 0.00	40.93 1.49 0.00	54.96 1.76 0.00	64.79 2.23 0.00	38.85 1.47 0.00	38.83 1.55 0.00	37.28 1.37 0.00	34.77 1.19 0.00
CE_NYC_DRP 24195	39.56 1.53 0.00	39.45 1.40 0.00	36.03 1.11 0.00	36.33 1.14 0.00	31.51 1.00 0.00	29.82 0.99 0.00	32.45 1.05 0.00	37.27 1.13 0.00	34.57 1.26 0.00	27.62 1.20 0.00	24.65 1.26 0.00	32.98 1.80 0.00	35.42 1.91 0.00	39.27 1.98 0.00	38.20 1.84 0.00	39.74 1.80 0.00	39.82 1.64 0.00	41.12 1.68 0.00	55.22 2.01 0.00	65.09 2.52 0.00	39.00 1.62 0.00	38.99 1.71 0.00	37.38 1.47 0.00	34.83 1.25 0.00
CHAFFEE___LFGE 323603	37.63 -0.40 0.00	37.83 -0.23 0.00	34.64 -0.27 0.00	34.84 -0.35 0.00	30.04 -0.47 0.00	28.82 -0.01 0.00	31.21 -0.19 0.00	36.07 -0.07 0.00	33.40 0.09 0.00	26.55 0.12 0.00	23.28 -0.11 0.00	30.49 -0.69 0.00	32.83 -0.68 0.00	36.58 -0.71 0.00	35.69 -0.68 0.00	36.73 -1.21 0.00	36.24 -1.95 0.00	37.17 -2.27 0.00	50.68 -2.53 0.00	59.12 -3.45 0.00	35.07 -2.31 0.00	35.41 -1.87 0.00	34.88 -1.03 0.00	33.30 -0.29 0.00
CHATEAUG_35_KV_LOAD 355732	38.66 0.63 0.00	38.63 0.58 0.00	35.43 0.51 0.00	35.78 0.59 0.00	31.12 0.61 0.00	29.47 0.64 0.00	32.12 0.72 0.00	36.88 0.74 0.00	33.92 0.61 0.00	26.91 0.49 0.00	23.83 0.44 0.00	31.73 0.55 0.00	34.11 0.61 0.00	37.94 0.65 0.00	36.81 0.45 0.00	38.32 0.38 0.00	38.91 0.73 0.00	40.60 1.16 0.00	54.87 1.66 0.00	63.97 1.41 0.00	37.96 0.58 0.00	37.62 0.34 0.00	36.42 0.51 0.00	34.15 0.56 0.00
CHATEAUG_WT_PWR 323614	38.59 0.56 0.00	38.56 0.51 0.00	35.37 0.45 0.00	35.70 0.51 0.00	31.06 0.55 0.00	29.39 0.56 0.00	32.05 0.64 0.00	36.79 0.65 0.00	33.85 0.54 0.00	26.90 0.47 0.00	23.83 0.44 0.00	31.74 0.56 0.00	34.11 0.60 0.00	37.93 0.64 0.00	36.82 0.46 0.00	38.34 0.40 0.00	38.87 0.69 0.00	40.39 0.96 0.00	54.55 1.34 0.00	63.67 1.11 0.00	37.87 0.49 0.00	37.56 0.28 0.00	36.31 0.40 0.00	34.06 0.47 0.00
CHAT_HIGH_FALL_HYD 323578	38.66 0.63 0.00	38.63 0.58 0.00	35.43 0.51 0.00	35.78 0.59 0.00	31.12 0.61 0.00	29.47 0.64 0.00	32.12 0.72 0.00	36.88 0.74 0.00	33.92 0.61 0.00	26.91 0.49 0.00	23.83 0.44 0.00	31.73 0.55 0.00	34.11 0.61 0.00	37.94 0.65 0.00	36.81 0.45 0.00	38.32 0.38 0.00	38.91 0.73 0.00	40.60 1.16 0.00	54.87 1.66 0.00	63.97 1.41 0.00	37.96 0.58 0.00	37.62 0.34 0.00	36.42 0.51 0.00	34.15 0.56 0.00
CHAUTAUQUA___LFGE 323629	37.59 -0.44 0.00	37.77 -0.29 0.00	34.35 -0.57 0.00	34.46 -0.73 0.00	29.74 -0.76 0.00	28.52 -0.31 0.00	30.90 -0.51 0.00	35.79 -0.35 0.00	33.37 0.06 0.00	26.54 0.12 0.00	23.30 -0.09 0.00	30.70 -0.48 0.00	33.00 -0.51 0.00	36.80 -0.49 0.00	35.67 -0.69 0.00	36.74 -1.20 0.00	36.43 -1.75 0.00	37.36 -2.08 0.00	50.67 -2.54 0.00	59.17 -3.39 0.00	35.07 -2.31 0.00	35.27 -2.01 0.00	34.78 -1.13 0.00	33.23 -0.35 0.00
CHERRYST_13_KV_LD 356241	39.65 1.63 0.00	39.55 1.50 0.00	36.11 1.20 0.00	36.42 1.22 0.00	31.58 1.08 0.00	29.90 1.07 0.00	32.53 1.13 0.00	37.36 1.23 0.00	34.67 1.36 0.00	27.70 1.27 0.00	24.71 1.32 0.00	33.06 1.88 0.00	35.52 2.02 0.00	39.38 2.08 0.00	38.31 1.95 0.00	39.84 1.90 0.00	39.92 1.74 0.00	41.22 1.78 0.00	55.36 2.16 0.00	65.26 2.70 0.00	39.09 1.71 0.00	39.08 1.81 0.00	37.47 1.55 0.00	34.91 1.33 0.00

CHESTROR_138KV_BK263 355645	39.22 1.20 0.00	39.16 1.10 0.00	35.76 0.85 0.00	36.05 0.86 0.00	31.24 0.73 0.00	29.54 0.71 0.00	32.14 0.74 0.00	36.97 0.83 0.00	34.27 0.96 0.00	27.31 0.88 0.00	24.33 0.94 0.00	32.54 1.36 0.00	34.93 1.42 0.00	38.80 1.50 0.00	37.79 1.43 0.00	39.40 1.46 0.00	39.57 1.39 0.00	40.85 1.41 0.00	54.99 1.79 0.00	64.89 2.33 0.00	38.84 1.46 0.00	38.79 1.51 0.00	37.17 1.26 0.00	34.62 1.04 0.00
CH_MIDHUDSON___DRP 24192	39.34 1.32 0.00	39.28 1.22 0.00	35.89 0.97 0.00	36.17 0.98 0.00	31.36 0.86 0.00	29.64 0.81 0.00	32.27 0.86 0.00	37.11 0.97 0.00	34.36 1.04 0.00	27.42 1.00 0.00	24.45 1.06 0.00	32.68 1.50 0.00	35.09 1.58 0.00	38.99 1.70 0.00	37.99 1.63 0.00	39.60 1.66 0.00	39.78 1.60 0.00	41.06 1.62 0.00	55.17 1.97 0.00	65.01 2.45 0.00	38.96 1.58 0.00	38.87 1.60 0.00	37.23 1.32 0.00	34.66 1.07 0.00
CH_MISC_IPPS 23765	39.57 1.54 0.00	39.50 1.44 0.00	36.07 1.16 0.00	36.36 1.17 0.00	31.53 1.02 0.00	29.80 0.97 0.00	32.45 1.05 0.00	37.32 1.19 0.00	34.57 1.26 0.00	27.59 1.17 0.00	24.59 1.21 0.00	32.88 1.70 0.00	35.31 1.80 0.00	39.23 1.94 0.00	38.24 1.88 0.00	39.86 1.92 0.00	40.04 1.85 0.00	41.33 1.89 0.00	55.57 2.37 0.00	65.53 2.96 0.00	39.24 1.86 0.00	39.17 1.89 0.00	37.50 1.59 0.00	34.91 1.33 0.00
CH_RES_BVR_FALLS 23983	37.73 -0.30 0.00	37.84 -0.21 0.00	34.80 -0.11 0.00	35.20 0.01 0.00	30.54 0.03 0.00	28.83 0.00 0.00	31.37 -0.03 0.00	36.12 -0.02 0.00	33.33 0.02 0.00	26.41 -0.02 0.00	23.36 -0.03 0.00	31.16 -0.02 0.00	33.58 0.07 0.00	37.32 0.03 0.00	36.35 -0.01 0.00	37.83 -0.11 0.00	38.02 -0.17 0.00	39.47 0.03 0.00	53.32 0.11 0.00	62.61 0.04 0.00	37.28 -0.11 0.00	37.10 -0.18 0.00	35.68 -0.23 0.00	33.42 -0.16 0.00
CH_RES_NIAGARA 23895	36.98 -1.05 0.00	37.23 -0.83 0.00	34.17 -0.74 0.00	34.37 -0.83 0.00	29.58 -0.92 0.00	28.43 -0.40 0.00	30.73 -0.67 0.00	35.48 -0.65 0.00	32.83 -0.48 0.00	26.13 -0.30 0.00	22.93 -0.46 0.00	29.95 -1.23 0.00	32.29 -1.22 0.00	35.98 -1.31 0.00	35.13 -1.23 0.00	36.10 -1.85 0.00	35.45 -2.73 0.00	36.13 -3.30 0.00	49.00 -4.20 0.00	56.97 -5.59 0.00	33.77 -3.61 0.00	34.13 -3.15 0.00	33.87 -2.05 0.00	32.55 -1.03 0.00
CH_RES_SYRACUSE 23985	37.72 -0.31 0.00	37.76 -0.30 0.00	34.61 -0.31 0.00	34.87 -0.32 0.00	30.22 -0.29 0.00	28.58 -0.25 0.00	31.15 -0.26 0.00	35.88 -0.26 0.00	33.08 -0.23 0.00	26.16 -0.26 0.00	23.06 -0.33 0.00	30.68 -0.50 0.00	32.98 -0.53 0.00	36.72 -0.57 0.00	35.87 -0.50 0.00	37.46 -0.48 0.00	37.73 -0.46 0.00	39.03 -0.41 0.00	52.79 -0.41 0.00	62.02 -0.55 0.00	37.02 -0.36 0.00	36.95 -0.33 0.00	35.62 -0.29 0.00	33.32 -0.27 0.00
CLINTON_WT_PWR 323605	38.59 0.56 0.00	38.56 0.51 0.00	35.37 0.45 0.00	35.70 0.51 0.00	31.06 0.55 0.00	29.39 0.56 0.00	32.05 0.64 0.00	36.79 0.65 0.00	33.85 0.54 0.00	26.90 0.47 0.00	23.83 0.44 0.00	31.74 0.56 0.00	34.11 0.60 0.00	37.93 0.64 0.00	36.82 0.46 0.00	38.34 0.40 0.00	38.87 0.69 0.00	40.39 0.96 0.00	54.55 1.34 0.00	63.67 1.11 0.00	37.87 0.49 0.00	37.56 0.28 0.00	36.31 0.40 0.00	34.06 0.47 0.00
CLINTON___LFGE 323618	39.33 1.30 0.00	39.22 1.17 0.00	35.90 0.98 0.00	36.23 1.04 0.00	31.64 1.13 0.00	29.97 1.14 0.00	32.72 1.31 0.00	37.47 1.34 0.00	34.40 1.08 0.00	27.31 0.88 0.00	24.26 0.87 0.00	32.26 1.08 0.00	34.63 1.12 0.00	38.52 1.23 0.00	37.32 0.95 0.00	38.86 0.92 0.00	39.84 1.66 0.00	41.65 2.21 0.00	56.18 2.98 0.00	64.85 2.29 0.00	38.54 1.16 0.00	38.06 0.78 0.00	36.78 0.87 0.00	34.48 0.89 0.00
COBBLENY_34_KV_TB1 80064	37.62 -0.40 0.00	37.83 -0.23 0.00	34.65 -0.27 0.00	34.83 -0.36 0.00	30.03 -0.47 0.00	28.81 -0.02 0.00	31.21 -0.19 0.00	36.07 -0.07 0.00	33.40 0.09 0.00	26.55 0.12 0.00	23.28 -0.11 0.00	30.49 -0.69 0.00	32.82 -0.69 0.00	36.58 -0.71 0.00	35.69 -0.68 0.00	36.71 -1.23 0.00	36.23 -1.95 0.00	37.17 -2.27 0.00	50.68 -2.52 0.00	59.11 -3.45 0.00	35.07 -2.31 0.00	35.40 -1.87 0.00	34.88 -1.03 0.00	33.30 -0.29 0.00
COFFEEN___115KV_TB3 355620	39.07 1.04 0.00	38.94 0.89 0.00	35.78 0.86 0.00	36.23 1.04 0.00	31.50 1.00 0.00	29.80 0.97 0.00	32.47 1.07 0.00	37.62 1.48 0.00	34.33 1.01 0.00	26.62 0.20 0.00	23.21 -0.18 0.00	30.85 -0.33 0.00	32.96 -0.54 0.00	36.45 -0.84 0.00	35.37 -0.99 0.00	37.18 -0.76 0.00	38.41 0.23 0.00	40.12 0.68 0.00	55.46 2.25 0.00	65.29 2.73 0.00	38.74 1.36 0.00	38.32 1.04 0.00	36.98 1.07 0.00	34.50 0.92 0.00
COLDSPRG_115KV_BK1 355956	38.12 0.09 0.00	38.39 0.34 0.00	34.95 0.03 0.00	35.08 -0.12 0.00	30.30 -0.21 0.00	29.07 0.24 0.00	31.46 0.05 0.00	36.43 0.30 0.00	33.95 0.64 0.00	27.01 0.59 0.00	23.69 0.30 0.00	31.20 0.02 0.00	33.44 -0.07 0.00	37.32 0.03 0.00	36.17 -0.20 0.00	37.25 -0.69 0.00	37.04 -1.14 0.00	38.07 -1.37 0.00	51.70 -1.51 0.00	60.44 -2.12 0.00	35.88 -1.50 0.00	36.12 -1.15 0.00	35.49 -0.42 0.00	33.87 0.28 0.00
COLONIE_LFGE___ 323577	38.84 0.81 0.00	38.80 0.74 0.00	35.47 0.55 0.00	35.79 0.59 0.00	31.06 0.55 0.00	29.33 0.50 0.00	31.97 0.57 0.00	36.74 0.61 0.00	33.79 0.48 0.00	26.85 0.42 0.00	23.88 0.49 0.00	31.90 0.72 0.00	34.17 0.66 0.00	38.03 0.74 0.00	37.10 0.74 0.00	38.84 0.90 0.00	39.20 1.02 0.00	40.43 0.99 0.00	54.25 1.05 0.00	63.88 1.32 0.00	38.35 0.97 0.00	38.21 0.93 0.00	36.66 0.75 0.00	34.13 0.55 0.00
COOPERNY_115KV_TB1 80082	38.96 0.93 0.00	38.95 0.90 0.00	35.65 0.74 0.00	35.91 0.72 0.00	31.11 0.60 0.00	29.38 0.55 0.00	31.99 0.58 0.00	36.78 0.65 0.00	34.05 0.74 0.00	27.09 0.67 0.00	24.08 0.69 0.00	32.18 1.00 0.00	34.54 1.04 0.00	38.37 1.08 0.00	37.37 1.01 0.00	38.97 1.03 0.00	39.20 1.02 0.00	40.45 1.01 0.00	54.49 1.29 0.00	64.30 1.74 0.00	38.47 1.09 0.00	38.43 1.16 0.00	36.87 0.96 0.00	34.38 0.80 0.00
COPENHAGEN_WT_PWR 323753	38.52 0.49 0.00	38.41 0.35 0.00	35.32 0.41 0.00	35.80 0.60 0.00	31.14 0.63 0.00	29.43 0.60 0.00	32.04 0.63 0.00	37.12 0.99 0.00	33.92 0.61 0.00	26.43 0.01 0.00	23.05 -0.34 0.00	30.67 -0.51 0.00	32.87 -0.64 0.00	36.30 -0.99 0.00	35.20 -1.17 0.00	36.90 -1.04 0.00	37.80 -0.38 0.00	39.36 -0.08 0.00	54.54 1.34 0.00	64.22 1.66 0.00	38.12 0.74 0.00	37.67 0.39 0.00	36.37 0.46 0.00	33.96 0.37 0.00
CORNELL_____ 23752	38.45 0.43 0.00	38.52 0.47 0.00	35.30 0.38 0.00	35.55 0.36 0.00	30.79 0.28 0.00	29.14 0.31 0.00	31.77 0.36 0.00	36.60 0.47 0.00	33.71 0.40 0.00	26.48 0.06 0.00	23.26 -0.13 0.00	30.93 -0.24 0.00	33.22 -0.29 0.00	37.05 -0.24 0.00	36.22 -0.14 0.00	37.96 0.02 0.00	38.39 0.21 0.00	39.84 0.40 0.00	54.10 0.90 0.00	63.54 0.98 0.00	37.90 0.53 0.00	37.78 0.50 0.00	36.37 0.46 0.00	33.98 0.39 0.00

CORONA_69_KV_TB1 355595	39.49 1.46 0.00	39.07 1.01 0.00	35.76 0.85 0.00	36.03 0.83 0.00	31.21 0.70 0.00	29.61 0.78 0.00	32.10 0.70 0.00	36.80 0.66 0.00	34.09 0.79 0.01	27.31 0.89 0.00	25.25 1.29 -0.57	34.53 1.96 -1.39	38.06 2.05 -2.50	39.36 2.07 0.00	38.11 1.75 0.00	39.46 1.52 0.00	39.60 1.42 0.00	40.85 1.41 0.00	54.75 1.56 0.01	63.52 2.08 1.12	38.75 1.37 0.00	38.72 1.44 0.00	37.05 1.14 0.00	34.57 0.98 0.00
CORTLAND_115KV_TB3 80093	38.19 0.16 0.00	38.23 0.17 0.00	35.04 0.12 0.00	35.29 0.10 0.00	30.58 0.07 0.00	28.92 0.09 0.00	31.52 0.11 0.00	36.29 0.15 0.00	33.44 0.13 0.00	26.40 -0.02 0.00	23.25 -0.14 0.00	30.96 -0.22 0.00	33.25 -0.26 0.00	37.04 -0.25 0.00	36.19 -0.17 0.00	37.84 -0.10 0.00	38.22 0.04 0.00	39.54 0.10 0.00	53.55 0.35 0.00	62.91 0.35 0.00	37.56 0.18 0.00	37.47 0.19 0.00	36.07 0.15 0.00	33.70 0.12 0.00
COXSACKIE___GT 23611	39.41 1.38 0.00	39.38 1.33 0.00	36.05 1.14 0.00	36.34 1.15 0.00	31.61 1.10 0.00	29.83 1.00 0.00	32.57 1.16 0.00	37.60 1.46 0.00	34.67 1.36 0.00	27.44 1.01 0.00	24.20 0.81 0.00	32.35 1.17 0.00	34.74 1.23 0.00	38.31 1.02 0.00	37.34 0.98 0.00	39.67 1.73 0.00	40.29 2.10 0.00	41.66 2.22 0.00	55.93 2.72 0.00	65.57 3.01 0.00	39.25 1.87 0.00	39.01 1.73 0.00	37.33 1.42 0.00	34.73 1.15 0.00
CPV_VALLEY___CC1 323721	39.18 1.15 0.00	39.11 1.06 0.00	35.72 0.80 0.00	36.01 0.81 0.00	31.21 0.70 0.00	29.51 0.68 0.00	32.11 0.70 0.00	36.92 0.79 0.00	34.23 0.92 0.00	27.28 0.86 0.00	24.30 0.91 0.00	32.52 1.34 0.00	34.91 1.40 0.00	38.77 1.48 0.00	37.76 1.40 0.00	39.34 1.40 0.00	39.52 1.33 0.00	40.79 1.35 0.00	54.91 1.71 0.00	64.79 2.23 0.00	38.78 1.40 0.00	38.73 1.46 0.00	37.11 1.20 0.00	34.58 1.00 0.00
CPV_VALLEY___CC2 323722	39.18 1.15 0.00	39.11 1.06 0.00	35.72 0.80 0.00	36.01 0.81 0.00	31.21 0.70 0.00	29.51 0.68 0.00	32.11 0.70 0.00	36.92 0.79 0.00	34.23 0.92 0.00	27.28 0.86 0.00	24.30 0.91 0.00	32.52 1.34 0.00	34.91 1.40 0.00	38.77 1.48 0.00	37.76 1.40 0.00	39.34 1.40 0.00	39.52 1.33 0.00	40.79 1.35 0.00	54.91 1.71 0.00	64.79 2.23 0.00	38.78 1.40 0.00	38.73 1.46 0.00	37.11 1.20 0.00	34.58 1.00 0.00
CRESCENT___HYD 24018	38.84 0.81 0.00	38.80 0.74 0.00	35.47 0.55 0.00	35.79 0.59 0.00	31.06 0.55 0.00	29.33 0.50 0.00	31.97 0.57 0.00	36.74 0.61 0.00	33.79 0.48 0.00	26.85 0.42 0.00	23.88 0.49 0.00	31.90 0.72 0.00	34.17 0.66 0.00	38.03 0.74 0.00	37.10 0.74 0.00	38.84 0.90 0.00	39.20 1.02 0.00	40.43 0.99 0.00	54.25 1.05 0.00	63.88 1.32 0.00	38.35 0.97 0.00	38.21 0.93 0.00	36.66 0.75 0.00	34.13 0.55 0.00
CRICKET___VALLEY_CC1 323756	38.99 0.97 0.00	38.91 0.85 0.00	35.52 0.60 0.00	35.81 0.62 0.00	31.07 0.57 0.00	29.36 0.53 0.00	31.98 0.57 0.00	36.76 0.62 0.00	33.98 0.67 0.00	27.13 0.71 0.00	24.22 0.83 0.00	32.37 1.19 0.00	34.75 1.24 0.00	38.65 1.35 0.00	37.63 1.27 0.00	39.24 1.30 0.00	39.47 1.28 0.00	40.72 1.29 0.00	54.65 1.45 0.00	64.39 1.83 0.00	38.62 1.24 0.00	38.51 1.23 0.00	36.86 0.94 0.00	34.27 0.69 0.00
CRICKET___VALLEY_CC2 323757	38.99 0.97 0.00	38.91 0.85 0.00	35.52 0.60 0.00	35.81 0.62 0.00	31.07 0.57 0.00	29.36 0.53 0.00	31.98 0.57 0.00	36.76 0.62 0.00	33.98 0.67 0.00	27.13 0.71 0.00	24.22 0.83 0.00	32.37 1.19 0.00	34.75 1.24 0.00	38.65 1.35 0.00	37.63 1.27 0.00	39.24 1.30 0.00	39.47 1.28 0.00	40.72 1.29 0.00	54.65 1.45 0.00	64.39 1.83 0.00	38.62 1.24 0.00	38.51 1.23 0.00	36.86 0.94 0.00	34.27 0.69 0.00
CRICKET___VALLEY_CC3 323758	38.99 0.97 0.00	38.91 0.85 0.00	35.52 0.60 0.00	35.81 0.62 0.00	31.07 0.57 0.00	29.36 0.53 0.00	31.98 0.57 0.00	36.76 0.62 0.00	33.98 0.67 0.00	27.13 0.71 0.00	24.22 0.83 0.00	32.37 1.19 0.00	34.75 1.24 0.00	38.65 1.35 0.00	37.63 1.27 0.00	39.24 1.30 0.00	39.47 1.28 0.00	40.72 1.29 0.00	54.65 1.45 0.00	64.39 1.83 0.00	38.62 1.24 0.00	38.51 1.23 0.00	36.86 0.94 0.00	34.27 0.69 0.00
CRUCIBLE_METL_DRP 24180	37.72 -0.31 0.00	37.76 -0.29 0.00	34.61 -0.31 0.00	34.87 -0.32 0.00	30.22 -0.29 0.00	28.58 -0.25 0.00	31.15 -0.26 0.00	35.88 -0.26 0.00	33.08 -0.23 0.00	26.16 -0.26 0.00	23.06 -0.33 0.00	30.68 -0.50 0.00	32.98 -0.53 0.00	36.72 -0.57 0.00	35.87 -0.50 0.00	37.46 -0.49 0.00	37.72 -0.46 0.00	39.03 -0.41 0.00	52.79 -0.41 0.00	62.02 -0.54 0.00	37.02 -0.36 0.00	36.95 -0.33 0.00	35.62 -0.29 0.00	33.32 -0.27 0.00
DAHOWA___HYDRO 323763	39.38 1.35 0.00	39.30 1.24 0.00	35.90 0.98 0.00	36.19 0.99 0.00	31.45 0.94 0.00	29.73 0.90 0.00	32.46 1.05 0.00	37.29 1.15 0.00	34.24 0.93 0.00	27.08 0.65 0.00	24.09 0.71 0.00	32.18 1.01 0.00	34.45 0.94 0.00	38.25 0.96 0.00	37.38 1.02 0.00	39.28 1.34 0.00	39.81 1.63 0.00	41.16 1.72 0.00	55.26 2.05 0.00	65.04 2.47 0.00	39.05 1.67 0.00	38.85 1.58 0.00	37.24 1.33 0.00	34.55 0.97 0.00
DANC___LFGE 323619	38.06 0.03 0.00	38.00 -0.06 0.00	34.91 -0.01 0.00	35.30 0.11 0.00	30.66 0.15 0.00	28.99 0.16 0.00	31.55 0.14 0.00	36.48 0.35 0.00	33.46 0.15 0.00	26.22 -0.20 0.00	22.97 -0.42 0.00	30.55 -0.63 0.00	32.76 -0.75 0.00	36.28 -1.01 0.00	35.27 -1.10 0.00	36.91 -1.04 0.00	37.53 -0.65 0.00	38.99 -0.45 0.00	53.54 0.34 0.00	63.00 0.44 0.00	37.52 0.14 0.00	37.21 -0.07 0.00	35.93 0.02 0.00	33.57 -0.01 0.00
DANSKAMMER___1 23586	39.57 1.54 0.00	39.50 1.44 0.00	36.07 1.16 0.00	36.36 1.17 0.00	31.53 1.02 0.00	29.80 0.97 0.00	32.45 1.05 0.00	37.32 1.19 0.00	34.57 1.26 0.00	27.59 1.17 0.00	24.59 1.21 0.00	32.88 1.70 0.00	35.31 1.80 0.00	39.23 1.94 0.00	38.24 1.88 0.00	39.86 1.92 0.00	40.04 1.85 0.00	41.33 1.89 0.00	55.57 2.37 0.00	65.53 2.96 0.00	39.24 1.86 0.00	39.17 1.89 0.00	37.50 1.59 0.00	34.91 1.33 0.00
DANSKAMMER___2 23589	39.57 1.54 0.00	39.50 1.44 0.00	36.07 1.16 0.00	36.36 1.17 0.00	31.53 1.02 0.00	29.80 0.97 0.00	32.45 1.05 0.00	37.32 1.19 0.00	34.57 1.26 0.00	27.59 1.17 0.00	24.59 1.21 0.00	32.88 1.70 0.00	35.31 1.80 0.00	39.23 1.94 0.00	38.24 1.88 0.00	39.86 1.92 0.00	40.04 1.85 0.00	41.33 1.89 0.00	55.57 2.37 0.00	65.53 2.96 0.00	39.24 1.86 0.00	39.17 1.89 0.00	37.50 1.59 0.00	34.91 1.33 0.00
DANSKAMMER___3 23590	39.57 1.54 0.00	39.50 1.44 0.00	36.07 1.16 0.00	36.36 1.17 0.00	31.53 1.02 0.00	29.80 0.97 0.00	32.45 1.05 0.00	37.32 1.19 0.00	34.57 1.26 0.00	27.59 1.17 0.00	24.59 1.21 0.00	32.88 1.70 0.00	35.31 1.80 0.00	39.23 1.94 0.00	38.24 1.88 0.00	39.86 1.92 0.00	40.04 1.85 0.00	41.33 1.89 0.00	55.57 2.37 0.00	65.53 2.96 0.00	39.24 1.86 0.00	39.17 1.89 0.00	37.50 1.59 0.00	34.91 1.33 0.00

DANSKAMMER___4 23591	39.57 1.54 0.00	39.50 1.44 0.00	36.07 1.16 0.00	36.36 1.17 0.00	31.53 1.02 0.00	29.80 0.97 0.00	32.45 1.05 0.00	37.32 1.19 0.00	34.57 1.26 0.00	27.59 1.17 0.00	24.59 1.21 0.00	32.88 1.70 0.00	35.31 1.80 0.00	39.23 1.94 0.00	38.24 1.88 0.00	39.86 1.92 0.00	40.04 1.85 0.00	41.33 1.89 0.00	55.57 2.37 0.00	65.53 2.96 0.00	39.24 1.86 0.00	39.17 1.89 0.00	37.50 1.59 0.00	34.91 1.33 0.00
DANSKAMMER___DIESEL 23592	39.57 1.55 0.00	39.50 1.44 0.00	36.07 1.16 0.00	36.36 1.17 0.00	31.53 1.02 0.00	29.80 0.97 0.00	32.45 1.05 0.00	37.32 1.19 0.00	34.57 1.26 0.00	27.60 1.17 0.00	24.60 1.21 0.00	32.88 1.70 0.00	35.31 1.80 0.00	39.23 1.94 0.00	38.24 1.88 0.00	39.86 1.92 0.00	40.04 1.85 0.00	41.33 1.89 0.00	55.57 2.37 0.00	65.53 2.96 0.00	39.24 1.86 0.00	39.17 1.89 0.00	37.50 1.59 0.00	34.91 1.33 0.00
DARBY___SOLAR 323810	39.24 1.21 0.00	39.18 1.13 0.00	35.79 0.88 0.00	36.09 0.90 0.00	31.36 0.85 0.00	29.64 0.81 0.00	32.35 0.95 0.00	37.16 1.03 0.00	34.12 0.81 0.00	26.99 0.57 0.00	24.01 0.62 0.00	32.06 0.88 0.00	34.35 0.84 0.00	38.14 0.85 0.00	37.27 0.90 0.00	39.14 1.20 0.00	39.65 1.46 0.00	40.98 1.54 0.00	55.02 1.82 0.00	64.75 2.19 0.00	38.88 1.50 0.00	38.70 1.42 0.00	37.10 1.19 0.00	34.45 0.87 0.00
DASHVILLE___HYD 23610	39.16 1.13 0.00	39.10 1.04 0.00	35.76 0.84 0.00	36.03 0.84 0.00	31.24 0.73 0.00	29.50 0.67 0.00	32.12 0.71 0.00	36.94 0.81 0.00	34.21 0.89 0.00	27.31 0.88 0.00	24.32 0.93 0.00	32.51 1.33 0.00	34.90 1.39 0.00	38.75 1.46 0.00	37.76 1.39 0.00	39.39 1.44 0.00	39.58 1.40 0.00	40.84 1.40 0.00	54.89 1.69 0.00	64.73 2.16 0.00	38.78 1.40 0.00	38.70 1.42 0.00	37.06 1.15 0.00	34.50 0.92 0.00
DELAWARE___LFGE 323621	38.64 0.61 0.00	38.79 0.74 0.00	35.61 0.69 0.00	35.82 0.63 0.00	31.04 0.53 0.00	29.26 0.43 0.00	31.85 0.45 0.00	36.66 0.52 0.00	33.86 0.54 0.00	26.87 0.45 0.00	23.82 0.43 0.00	31.77 0.59 0.00	34.14 0.63 0.00	37.97 0.68 0.00	37.01 0.64 0.00	38.67 0.73 0.00	38.91 0.73 0.00	40.14 0.69 0.00	53.90 0.70 0.00	63.75 1.19 0.00	38.11 0.73 0.00	38.02 0.75 0.00	36.54 0.63 0.00	34.10 0.52 0.00
DERFIELD_115KV_TB7 355931	38.06 0.04 0.00	38.10 0.04 0.00	34.95 0.04 0.00	35.23 0.04 0.00	30.54 0.03 0.00	28.84 0.01 0.00	31.41 0.01 0.00	36.15 0.01 0.00	33.31 0.00 0.00	26.41 -0.01 0.00	23.39 0.01 0.00	31.21 0.03 0.00	33.54 0.02 0.00	37.30 0.01 0.00	36.40 0.04 0.00	38.00 0.06 0.00	38.26 0.08 0.00	39.53 0.09 0.00	53.30 0.10 0.00	62.69 0.13 0.00	37.49 0.11 0.00	37.38 0.10 0.00	35.95 0.04 0.00	33.58 0.00 0.00
DOGLEVILLE___HYD 23807	39.89 1.86 0.00	39.95 1.89 0.00	36.54 1.63 0.00	36.79 1.60 0.00	31.98 1.47 0.00	30.17 1.34 0.00	32.93 1.53 0.00	37.83 1.69 0.00	34.21 0.89 0.00	26.79 0.37 0.00	23.73 0.34 0.00	32.03 0.85 0.00	34.27 0.76 0.00	38.10 0.81 0.00	37.30 0.93 0.00	39.10 1.16 0.00	40.00 1.81 0.00	41.76 2.32 0.00	56.25 3.04 0.00	66.13 3.57 0.00	39.58 2.20 0.00	39.28 2.00 0.00	37.48 1.58 0.00	34.88 1.30 0.00
DUNKIRK__115KV_TB_200 55889	37.57 -0.46 0.00	37.75 -0.31 0.00	34.34 -0.57 0.00	34.48 -0.72 0.00	29.76 -0.75 0.00	28.53 -0.30 0.00	30.91 -0.49 0.00	35.79 -0.34 0.00	33.33 0.03 0.00	26.51 0.08 0.00	23.27 -0.12 0.00	30.67 -0.51 0.00	32.95 -0.55 0.00	36.74 -0.55 0.00	35.64 -0.72 0.00	36.71 -1.24 0.00	36.40 -1.78 0.00	37.32 -2.12 0.00	50.66 -2.54 0.00	59.16 -3.41 0.00	35.09 -2.29 0.00	35.30 -1.98 0.00	34.78 -1.13 0.00	33.21 -0.37 0.00
DUNKIRK___1 23563	37.57 -0.46 0.00	37.75 -0.31 0.00	34.34 -0.57 0.00	34.48 -0.72 0.00	29.76 -0.75 0.00	28.53 -0.30 0.00	30.91 -0.49 0.00	35.79 -0.34 0.00	33.33 0.03 0.00	26.51 0.08 0.00	23.27 -0.12 0.00	30.67 -0.51 0.00	32.95 -0.55 0.00	36.74 -0.55 0.00	35.64 -0.72 0.00	36.71 -1.24 0.00	36.40 -1.78 0.00	37.32 -2.12 0.00	50.66 -2.54 0.00	59.16 -3.41 0.00	35.09 -2.29 0.00	35.30 -1.98 0.00	34.78 -1.13 0.00	33.21 -0.37 0.00
DUNKIRK___2 23564	37.57 -0.46 0.00	37.75 -0.31 0.00	34.34 -0.57 0.00	34.48 -0.72 0.00	29.76 -0.75 0.00	28.53 -0.30 0.00	30.91 -0.49 0.00	35.79 -0.34 0.00	33.33 0.03 0.00	26.51 0.08 0.00	23.27 -0.12 0.00	30.67 -0.51 0.00	32.95 -0.55 0.00	36.74 -0.55 0.00	35.64 -0.72 0.00	36.71 -1.24 0.00	36.40 -1.78 0.00	37.32 -2.12 0.00	50.66 -2.54 0.00	59.16 -3.41 0.00	35.09 -2.29 0.00	35.30 -1.98 0.00	34.78 -1.13 0.00	33.21 -0.37 0.00
DUNKIRK___3 23565	37.52 -0.50 0.00	37.70 -0.36 0.00	34.37 -0.55 0.00	34.53 -0.66 0.00	29.80 -0.71 0.00	28.56 -0.27 0.00	30.95 -0.45 0.00	35.81 -0.33 0.00	33.27 -0.04 0.00	26.44 0.02 0.00	23.21 -0.18 0.00	30.56 -0.62 0.00	32.84 -0.67 0.00	36.61 -0.68 0.00	35.58 -0.79 0.00	36.66 -1.29 0.00	36.30 -1.88 0.00	37.22 -2.22 0.00	50.59 -2.61 0.00	59.08 -3.48 0.00	35.07 -2.31 0.00	35.32 -1.96 0.00	34.76 -1.15 0.00	33.17 -0.42 0.00
DUNKIRK___4 23566	37.52 -0.50 0.00	37.70 -0.36 0.00	34.37 -0.55 0.00	34.53 -0.66 0.00	29.80 -0.71 0.00	28.56 -0.27 0.00	30.95 -0.45 0.00	35.81 -0.33 0.00	33.27 -0.04 0.00	26.44 0.02 0.00	23.21 -0.18 0.00	30.56 -0.62 0.00	32.84 -0.67 0.00	36.61 -0.68 0.00	35.58 -0.79 0.00	36.66 -1.29 0.00	36.30 -1.88 0.00	37.22 -2.22 0.00	50.59 -2.61 0.00	59.08 -3.48 0.00	35.07 -2.31 0.00	35.32 -1.96 0.00	34.76 -1.15 0.00	33.17 -0.42 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	39.44 1.41 0.00	39.34 1.28 0.00	35.92 1.01 0.00	36.24 1.05 0.00	31.42 0.91 0.00	29.73 0.89 0.00	32.34 0.94 0.00	37.15 1.02 0.00	34.45 1.14 0.00	27.51 1.09 0.00	24.55 1.16 0.00	32.86 1.68 0.00	35.29 1.78 0.00	39.16 1.87 0.00	38.10 1.74 0.00	39.64 1.70 0.00	39.76 1.58 0.00	41.03 1.59 0.00	55.11 1.91 0.00	64.99 2.43 0.00	38.94 1.56 0.00	38.91 1.63 0.00	37.29 1.38 0.00	34.74 1.15 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	39.40 1.38 0.00	39.33 1.28 0.00	35.92 1.00 0.00	36.20 1.01 0.00	31.38 0.87 0.00	29.67 0.83 0.00	32.29 0.89 0.00	37.14 1.01 0.00	34.43 1.12 0.00	27.46 1.04 0.00	24.47 1.08 0.00	32.71 1.54 0.00	35.13 1.62 0.00	39.01 1.72 0.00	38.02 1.65 0.00	39.63 1.69 0.00	39.81 1.63 0.00	41.09 1.65 0.00	55.30 2.10 0.00	65.26 2.69 0.00	39.06 1.68 0.00	39.00 1.73 0.00	37.35 1.44 0.00	34.78 1.20 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	39.58 1.55 0.00	39.50 1.45 0.00	36.02 1.10 0.00	36.00 0.81 0.00	31.27 0.75 0.00	29.69 0.86 0.00	32.31 0.91 0.00	37.09 0.96 0.00	34.46 1.15 0.00	27.52 1.10 0.00	24.55 1.17 0.00	32.82 1.64 0.00	35.21 1.70 0.00	39.01 1.72 0.00	37.98 1.62 0.00	39.54 1.60 0.00	39.58 1.40 0.00	40.87 1.43 0.00	54.91 1.71 0.00	64.75 2.19 0.00	38.83 1.45 0.00	38.78 1.50 0.00	37.19 1.28 0.00	34.67 1.08 0.00

E179THST_13_KV_LOAD 356214	39.74 1.71 0.00	39.66 1.60 0.00	36.15 1.23 0.00	36.13 0.94 0.00	31.37 0.86 0.00	29.80 0.97 0.00	32.43 1.03 0.00	37.23 1.09 0.00	34.59 1.28 0.00	27.63 1.21 0.00	24.65 1.26 0.00	32.96 1.78 0.00	35.36 1.85 0.00	39.19 1.90 0.00	38.16 1.79 0.00	39.72 1.78 0.00	39.75 1.57 0.00	41.06 1.62 0.00	55.17 1.96 0.00	65.05 2.49 0.00	39.00 1.62 0.00	38.96 1.68 0.00	37.34 1.43 0.00	34.81 1.23 0.00
EAST HAMPTON___GT 23717	38.26 0.23 0.00	37.52 -0.53 0.00	34.25 -0.67 0.00	34.39 -0.80 0.00	29.79 -0.72 0.00	28.45 -0.38 0.00	30.82 -0.58 0.00	35.36 -0.77 0.00	32.72 -0.58 0.01	26.26 -0.17 0.00	24.15 0.73 -0.04	32.21 1.06 0.03	34.80 1.14 -0.15	38.42 1.13 0.00	37.11 0.74 0.00	38.20 0.26 0.00	38.27 0.09 0.00	39.52 0.08 0.00	52.66 -0.51 0.03	44.60 -0.43 17.53	37.28 -0.09 0.00	37.08 -0.19 0.00	35.35 -0.57 0.00	32.84 -0.74 0.00
EAST RIVER___6 23660	39.57 1.54 0.00	39.47 1.41 0.00	36.04 1.12 0.00	36.33 1.14 0.00	31.52 1.02 0.00	29.84 1.01 0.00	32.48 1.07 0.00	37.29 1.16 0.00	34.60 1.29 0.00	27.64 1.22 0.00	24.66 1.27 0.00	32.99 1.81 0.00	35.45 1.95 0.00	39.32 2.03 0.00	38.25 1.89 0.00	39.79 1.85 0.00	39.85 1.67 0.00	41.14 1.70 0.00	55.23 2.03 0.00	65.09 2.52 0.00	39.01 1.63 0.00	38.98 1.71 0.00	37.38 1.46 0.00	34.83 1.24 0.00
EAST RIVER___7 23524	39.57 1.54 0.00	39.47 1.41 0.00	36.04 1.12 0.00	36.33 1.14 0.00	31.52 1.02 0.00	29.84 1.01 0.00	32.48 1.07 0.00	37.29 1.16 0.00	34.60 1.29 0.00	27.64 1.22 0.00	24.66 1.27 0.00	32.99 1.81 0.00	35.45 1.95 0.00	39.32 2.03 0.00	38.25 1.89 0.00	39.79 1.85 0.00	39.85 1.67 0.00	41.14 1.70 0.00	55.23 2.03 0.00	65.09 2.52 0.00	39.01 1.63 0.00	38.98 1.71 0.00	37.38 1.46 0.00	34.83 1.24 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	39.39 1.36 0.00	39.30 1.24 0.00	35.88 0.96 0.00	36.18 0.99 0.00	31.37 0.86 0.00	29.67 0.84 0.00	32.28 0.88 0.00	37.09 0.96 0.00	34.39 1.08 0.00	27.45 1.03 0.00	24.50 1.11 0.00	32.78 1.60 0.00	35.21 1.70 0.00	39.08 1.79 0.00	38.03 1.67 0.00	39.58 1.64 0.00	39.72 1.53 0.00	40.98 1.54 0.00	55.07 1.87 0.00	64.94 2.38 0.00	38.90 1.52 0.00	38.87 1.59 0.00	37.24 1.33 0.00	34.69 1.11 0.00
EAST_HAMPTON___DIESEL 23722	38.14 0.11 0.00	37.39 -0.67 0.00	34.14 -0.78 0.00	34.27 -0.93 0.00	29.67 -0.84 0.00	28.36 -0.47 0.00	30.72 -0.69 0.00	35.23 -0.90 0.00	32.60 -0.70 0.01	26.17 -0.26 0.00	24.07 0.64 -0.04	32.11 0.96 0.03	34.69 1.03 -0.15	38.30 1.01 0.00	36.99 0.63 0.00	38.07 0.13 0.00	38.15 -0.03 0.00	39.39 -0.05 0.00	52.48 -0.69 0.03	44.40 -0.63 17.53	37.17 -0.21 0.00	36.96 -0.31 0.00	35.22 -0.69 0.00	32.74 -0.85 0.00
EAST_POINT___SOLAR 323840	38.75 0.73 0.00	38.82 0.76 0.00	35.63 0.71 0.00	35.86 0.67 0.00	31.06 0.55 0.00	29.37 0.54 0.00	32.05 0.65 0.00	36.87 0.74 0.00	33.20 -0.11 0.00	25.62 -0.80 0.00	23.17 -0.21 0.00	31.06 -0.12 0.00	33.13 -0.37 0.00	36.99 -0.30 0.00	35.81 -0.56 0.00	37.75 -0.20 0.00	38.50 0.32 0.00	40.58 1.14 0.00	54.91 1.71 0.00	64.62 2.05 0.00	38.44 1.06 0.00	38.24 0.96 0.00	36.75 0.83 0.00	34.24 0.65 0.00
EAST_PULASKI___ESR 323781	37.64 -0.39 0.00	37.62 -0.44 0.00	34.52 -0.40 0.00	34.83 -0.37 0.00	30.21 -0.30 0.00	28.57 -0.26 0.00	31.10 -0.30 0.00	35.88 -0.26 0.00	33.03 -0.28 0.00	26.04 -0.38 0.00	22.91 -0.48 0.00	30.47 -0.71 0.00	32.67 -0.83 0.00	36.28 -1.01 0.00	35.38 -0.99 0.00	36.88 -1.06 0.00	37.27 -0.91 0.00	38.61 -0.83 0.00	52.53 -0.67 0.00	61.79 -0.78 0.00	36.90 -0.47 0.00	36.73 -0.55 0.00	35.51 -0.41 0.00	33.22 -0.37 0.00
EAST_RIVER___1 323558	39.56 1.53 0.00	39.45 1.39 0.00	36.03 1.11 0.00	36.33 1.14 0.00	31.51 1.00 0.00	29.82 0.99 0.00	32.45 1.05 0.00	37.27 1.13 0.00	34.57 1.26 0.00	27.62 1.20 0.00	24.65 1.26 0.00	32.98 1.80 0.00	35.42 1.91 0.00	39.27 1.98 0.00	38.20 1.84 0.00	39.74 1.79 0.00	39.82 1.63 0.00	41.12 1.68 0.00	55.22 2.01 0.00	65.09 2.52 0.00	39.00 1.62 0.00	38.98 1.71 0.00	37.38 1.47 0.00	34.83 1.25 0.00
EAST_RIVER___2 323559	39.57 1.54 0.00	39.47 1.41 0.00	36.04 1.12 0.00	36.33 1.14 0.00	31.52 1.02 0.00	29.84 1.01 0.00	32.48 1.07 0.00	37.29 1.16 0.00	34.60 1.29 0.00	27.64 1.22 0.00	24.66 1.27 0.00	32.99 1.81 0.00	35.45 1.95 0.00	39.32 2.03 0.00	38.25 1.89 0.00	39.79 1.85 0.00	39.85 1.67 0.00	41.14 1.70 0.00	55.23 2.03 0.00	65.09 2.52 0.00	39.01 1.63 0.00	38.98 1.71 0.00	37.38 1.46 0.00	34.83 1.24 0.00
EAST___DELAWARE_HYD 23607	38.86 0.83 0.00	38.81 0.75 0.00	35.47 0.55 0.00	35.72 0.53 0.00	30.95 0.45 0.00	29.25 0.41 0.00	31.86 0.45 0.00	36.66 0.53 0.00	33.99 0.67 0.00	27.10 0.67 0.00	24.09 0.70 0.00	32.19 1.01 0.00	34.38 0.87 0.00	37.32 0.03 0.00	36.40 0.04 0.00	38.03 0.09 0.00	38.31 0.13 0.00	39.60 0.16 0.00	53.46 0.25 0.00	64.53 1.97 0.00	38.60 1.22 0.00	38.51 1.24 0.00	36.87 0.96 0.00	34.31 0.73 0.00
EIGHT_POINT___WT_PWR 323820	37.09 -0.94 0.00	37.43 -0.62 0.00	34.10 -0.82 0.00	34.05 -1.14 0.00	29.45 -1.05 0.00	28.33 -0.49 0.00	30.72 -0.68 0.00	35.57 -0.56 0.00	33.04 -0.27 0.00	26.00 -0.42 0.00	22.67 -0.72 0.00	30.03 -1.15 0.00	32.35 -1.16 0.00	36.06 -1.23 0.00	35.28 -1.08 0.00	36.46 -1.49 0.00	36.22 -1.96 0.00	37.06 -2.38 0.00	50.77 -2.43 0.00	60.29 -2.27 0.00	36.29 -1.09 0.00	36.29 -0.99 0.00	34.87 -1.05 0.00	32.76 -0.83 0.00
ELBRIDGE_115KV_TB2 80188	37.55 -0.48 0.00	37.62 -0.44 0.00	34.45 -0.46 0.00	34.74 -0.45 0.00	30.10 -0.41 0.00	28.48 -0.35 0.00	31.04 -0.37 0.00	35.75 -0.39 0.00	32.96 -0.35 0.00	26.05 -0.38 0.00	22.97 -0.41 0.00	30.55 -0.63 0.00	32.84 -0.67 0.00	36.58 -0.71 0.00	35.71 -0.66 0.00	37.26 -0.68 0.00	37.54 -0.64 0.00	38.84 -0.60 0.00	52.55 -0.65 0.00	61.76 -0.80 0.00	36.86 -0.52 0.00	36.80 -0.48 0.00	35.47 -0.45 0.00	33.19 -0.39 0.00
ELEC_TRO_TEK 24086	39.31 1.28 0.00	38.91 0.86 0.00	35.62 0.70 0.00	35.86 0.67 0.00	31.07 0.56 0.00	29.47 0.64 0.00	31.94 0.54 0.00	36.64 0.51 0.00	33.96 0.65 0.01	27.19 0.77 0.00	24.85 1.16 -0.31	33.60 1.78 -0.64	36.70 1.86 -1.34	39.15 1.85 0.00	37.91 1.55 0.00	39.27 1.33 0.00	39.39 1.21 0.00	40.62 1.18 0.00	54.43 1.24 0.01	60.63 1.72 3.66	38.54 1.16 0.00	38.50 1.22 0.00	36.87 0.95 0.00	34.39 0.80 0.00
ELLENBURG_WT_PWR 323604	38.59 0.56 0.00	38.56 0.51 0.00	35.37 0.45 0.00	35.70 0.51 0.00	31.06 0.55 0.00	29.39 0.56 0.00	32.05 0.64 0.00	36.79 0.65 0.00	33.85 0.54 0.00	26.90 0.47 0.00	23.83 0.44 0.00	31.74 0.56 0.00	34.11 0.60 0.00	37.93 0.64 0.00	36.82 0.46 0.00	38.34 0.40 0.00	38.87 0.69 0.00	40.39 0.96 0.00	54.55 1.34 0.00	63.67 1.11 0.00	37.87 0.49 0.00	37.56 0.28 0.00	36.31 0.40 0.00	34.06 0.47 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	37.42 -0.61 0.00	37.65 -0.41 0.00	34.48 -0.43 0.00	34.67 -0.52 0.00	29.89 -0.62 0.00	28.68 -0.15 0.00	31.04 -0.36 0.00	35.86 -0.27 0.00	33.21 -0.10 0.00	26.41 -0.02 0.00	23.17 -0.22 0.00	30.35 -0.83 0.00	32.68 -0.83 0.00	36.43 -0.86 0.00	35.54 -0.82 0.00	36.56 -1.38 0.00	36.02 -2.16 0.00	36.88 -2.56 0.00	50.20 -3.00 0.00	58.50 -4.07 0.00	34.70 -2.68 0.00	35.01 -2.27 0.00	34.59 -1.32 0.00	33.11 -0.48 0.00
EMPIRE_CC_1 323656	38.64 0.61 0.00	38.61 0.55 0.00	35.31 0.39 0.00	35.67 0.47 0.00	30.96 0.46 0.00	29.22 0.38 0.00	31.83 0.43 0.00	36.57 0.43 0.00	33.64 0.32 0.00	26.78 0.35 0.00	23.83 0.44 0.00	31.82 0.64 0.00	34.10 0.59 0.00	37.97 0.68 0.00	37.03 0.67 0.00	38.71 0.77 0.00	38.96 0.77 0.00	40.17 0.73 0.00	53.85 0.65 0.00	63.44 0.88 0.00	38.12 0.74 0.00	38.01 0.73 0.00	36.44 0.53 0.00	33.96 0.37 0.00
EMPIRE_CC_2 323658	38.64 0.61 0.00	38.61 0.55 0.00	35.31 0.39 0.00	35.67 0.47 0.00	30.96 0.46 0.00	29.22 0.38 0.00	31.83 0.43 0.00	36.57 0.43 0.00	33.64 0.32 0.00	26.78 0.35 0.00	23.83 0.44 0.00	31.82 0.64 0.00	34.10 0.59 0.00	37.97 0.68 0.00	37.03 0.67 0.00	38.71 0.77 0.00	38.96 0.77 0.00	40.17 0.73 0.00	53.85 0.65 0.00	63.44 0.88 0.00	38.12 0.74 0.00	38.01 0.73 0.00	36.44 0.53 0.00	33.96 0.37 0.00
ENORWICH_115KV_TB1 80156	39.23 1.20 0.00	39.65 1.59 0.00	36.45 1.53 0.00	36.67 1.48 0.00	31.86 1.35 0.00	30.13 1.31 0.00	32.68 1.28 0.00	37.54 1.40 0.00	34.42 1.11 0.00	26.97 0.54 0.00	23.56 0.18 0.00	31.39 0.21 0.00	33.80 0.30 0.00	37.66 0.37 0.00	36.89 0.53 0.00	39.14 1.20 0.00	39.64 1.46 0.00	41.20 1.76 0.00	56.86 3.66 0.00	65.99 3.42 0.00	39.20 1.82 0.00	38.66 1.38 0.00	37.19 1.28 0.00	34.54 0.95 0.00
ERIE_ST__34_KV_TB1-2 80199	37.58 -0.44 0.00	37.78 -0.27 0.00	34.60 -0.32 0.00	34.78 -0.41 0.00	30.01 -0.50 0.00	28.78 -0.05 0.00	31.17 -0.23 0.00	36.01 -0.13 0.00	33.35 0.04 0.00	26.50 0.07 0.00	23.24 -0.15 0.00	30.43 -0.75 0.00	32.74 -0.76 0.00	36.51 -0.78 0.00	35.64 -0.72 0.00	36.69 -1.26 0.00	36.21 -1.97 0.00	37.15 -2.29 0.00	50.68 -2.53 0.00	59.12 -3.45 0.00	35.10 -2.28 0.00	35.39 -1.89 0.00	34.85 -1.06 0.00	33.27 -0.31 0.00
ERIE_WT_PWR 323693	37.54 -0.49 0.00	37.75 -0.31 0.00	34.58 -0.33 0.00	34.78 -0.42 0.00	29.99 -0.52 0.00	28.78 -0.05 0.00	31.16 -0.24 0.00	35.99 -0.14 0.00	33.32 0.01 0.00	26.48 0.06 0.00	23.22 -0.16 0.00	30.41 -0.77 0.00	32.76 -0.75 0.00	36.53 -0.77 0.00	35.62 -0.74 0.00	36.65 -1.29 0.00	36.09 -2.09 0.00	37.01 -2.43 0.00	50.46 -2.74 0.00	58.84 -3.73 0.00	34.90 -2.48 0.00	35.24 -2.04 0.00	34.77 -1.14 0.00	33.23 -0.36 0.00
ESPRGFLD_115KV_TB1 80157	38.22 0.19 0.00	38.42 0.36 0.00	35.35 0.43 0.00	35.54 0.34 0.00	30.75 0.24 0.00	29.04 0.21 0.00	31.64 0.23 0.00	36.43 0.29 0.00	33.61 0.30 0.00	26.57 0.14 0.00	23.47 0.08 0.00	31.17 -0.01 0.00	33.62 0.11 0.00	37.51 0.21 0.00	36.44 0.08 0.00	38.17 0.23 0.00	38.44 0.26 0.00	39.84 0.40 0.00	53.85 0.64 0.00	63.45 0.88 0.00	37.74 0.36 0.00	37.54 0.27 0.00	36.16 0.25 0.00	33.79 0.21 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	38.39 0.36 0.00	38.46 0.41 0.00	35.24 0.32 0.00	35.49 0.30 0.00	30.75 0.24 0.00	29.10 0.27 0.00	31.71 0.31 0.00	36.53 0.40 0.00	33.64 0.33 0.00	26.46 0.03 0.00	23.25 -0.14 0.00	30.92 -0.25 0.00	33.21 -0.30 0.00	37.04 -0.25 0.00	36.20 -0.16 0.00	37.93 -0.01 0.00	38.34 0.16 0.00	39.76 0.32 0.00	54.00 0.80 0.00	63.40 0.83 0.00	37.82 0.44 0.00	37.69 0.42 0.00	36.30 0.39 0.00	33.92 0.33 0.00
ETNA____115KV_TB2 80207	38.39 0.36 0.00	38.46 0.41 0.00	35.24 0.32 0.00	35.49 0.30 0.00	30.75 0.24 0.00	29.10 0.27 0.00	31.71 0.31 0.00	36.53 0.40 0.00	33.64 0.33 0.00	26.46 0.03 0.00	23.25 -0.14 0.00	30.92 -0.25 0.00	33.21 -0.30 0.00	37.04 -0.25 0.00	36.20 -0.16 0.00	37.93 -0.01 0.00	38.34 0.16 0.00	39.76 0.32 0.00	54.00 0.80 0.00	63.40 0.83 0.00	37.82 0.44 0.00	37.69 0.42 0.00	36.30 0.39 0.00	33.92 0.33 0.00
EUCLID___115KV_TB2 356179	37.35 -0.68 0.00	37.38 -0.67 0.00	34.27 -0.64 0.00	34.53 -0.66 0.00	29.92 -0.59 0.00	28.31 -0.53 0.00	30.83 -0.57 0.00	35.51 -0.62 0.00	32.75 -0.57 0.00	25.93 -0.49 0.00	22.88 -0.51 0.00	30.45 -0.73 0.00	32.71 -0.80 0.00	36.43 -0.87 0.00	35.56 -0.81 0.00	37.13 -0.81 0.00	37.34 -0.84 0.00	38.60 -0.85 0.00	52.16 -1.04 0.00	61.30 -1.26 0.00	36.60 -0.78 0.00	36.53 -0.74 0.00	35.24 -0.67 0.00	32.98 -0.60 0.00
E_CANADA_CAP_HY 24051	37.94 -0.08 0.00	38.09 0.04 0.00	35.01 0.10 0.00	35.23 0.04 0.00	30.48 -0.02 0.00	28.82 -0.01 0.00	31.43 0.02 0.00	36.18 0.05 0.00	33.19 -0.13 0.00	26.10 -0.33 0.00	23.15 -0.23 0.00	30.79 -0.39 0.00	33.18 -0.33 0.00	37.05 -0.24 0.00	35.91 -0.45 0.00	37.64 -0.30 0.00	38.02 -0.16 0.00	39.61 0.17 0.00	53.50 0.30 0.00	62.97 0.41 0.00	37.45 0.07 0.00	37.28 0.00 0.00	35.90 -0.01 0.00	33.55 -0.04 0.00
E_CANADA_MHWK_HY 24050	39.89 1.86 0.00	39.95 1.89 0.00	36.54 1.63 0.00	36.79 1.60 0.00	31.98 1.48 0.00	30.17 1.34 0.00	32.93 1.53 0.00	37.83 1.69 0.00	34.21 0.89 0.00	26.79 0.37 0.00	23.73 0.34 0.00	32.03 0.85 0.00	34.27 0.76 0.00	38.10 0.81 0.00	37.29 0.93 0.00	39.10 1.16 0.00	39.99 1.81 0.00	41.76 2.32 0.00	56.24 3.04 0.00	66.13 3.57 0.00	39.58 2.20 0.00	39.28 2.00 0.00	37.48 1.57 0.00	34.88 1.30 0.00
E_FISHKILL___LBMP 23776	39.17 1.15 0.00	39.10 1.05 0.00	35.73 0.81 0.00	36.02 0.82 0.00	31.24 0.73 0.00	29.52 0.69 0.00	32.14 0.73 0.00	36.92 0.79 0.00	34.18 0.87 0.00	27.28 0.85 0.00	24.34 0.95 0.00	32.55 1.37 0.00	34.94 1.43 0.00	38.81 1.52 0.00	37.79 1.43 0.00	39.37 1.42 0.00	39.53 1.35 0.00	40.79 1.36 0.00	54.79 1.59 0.00	64.59 2.02 0.00	38.70 1.33 0.00	38.65 1.38 0.00	37.03 1.12 0.00	34.48 0.90 0.00
FALCON___SEABRD_CC1 323796	39.34 1.32 0.00	39.21 1.15 0.00	35.86 0.95 0.00	36.20 1.01 0.00	31.66 1.15 0.00	29.97 1.14 0.00	32.73 1.32 0.00	37.45 1.31 0.00	34.36 1.05 0.00	27.36 0.93 0.00	24.35 0.96 0.00	32.36 1.18 0.00	34.71 1.20 0.00	38.64 1.35 0.00	37.42 1.06 0.00	38.98 1.04 0.00	39.78 1.60 0.00	41.48 2.04 0.00	55.87 2.67 0.00	64.65 2.08 0.00	38.48 1.10 0.00	37.99 0.71 0.00	36.69 0.78 0.00	34.40 0.81 0.00
FALCON___SEABRD_CC2 323797	39.34 1.32 0.00	39.21 1.15 0.00	35.86 0.95 0.00	36.20 1.01 0.00	31.66 1.15 0.00	29.97 1.14 0.00	32.73 1.32 0.00	37.45 1.31 0.00	34.36 1.05 0.00	27.36 0.93 0.00	24.35 0.96 0.00	32.36 1.18 0.00	34.71 1.20 0.00	38.64 1.35 0.00	37.42 1.06 0.00	38.98 1.04 0.00	39.78 1.60 0.00	41.48 2.04 0.00	55.87 2.67 0.00	64.65 2.08 0.00	38.48 1.10 0.00	37.99 0.71 0.00	36.69 0.78 0.00	34.40 0.81 0.00

FAR ROCKAWAY___4 23548	39.72 1.70 0.00	39.28 1.23 0.00	35.95 1.03 0.00	36.21 1.02 0.00	31.38 0.87 0.00	29.77 0.94 0.00	32.27 0.87 0.00	37.00 0.87 0.00	34.28 0.97 0.01	27.47 1.05 0.00	25.43 1.45 -0.59	34.84 2.20 -1.46	38.39 2.31 -2.57	39.64 2.35 0.00	38.37 2.01 0.00	39.73 1.79 0.00	39.86 1.68 0.00	41.11 1.67 0.00	55.12 1.92 0.01	63.90 2.51 1.17	39.00 1.62 0.00	38.95 1.67 0.00	37.27 1.36 0.00	34.77 1.19 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	39.57 1.54 0.00	39.46 1.40 0.00	36.03 1.11 0.00	36.33 1.14 0.00	31.51 1.00 0.00	29.82 0.99 0.00	32.45 1.05 0.00	37.27 1.13 0.00	34.57 1.26 0.00	27.63 1.21 0.00	24.65 1.26 0.00	32.98 1.80 0.00	35.43 1.92 0.00	39.27 1.98 0.00	38.20 1.84 0.00	39.74 1.80 0.00	39.82 1.64 0.00	41.13 1.69 0.00	55.23 2.03 0.00	65.12 2.56 0.00	39.01 1.63 0.00	39.00 1.73 0.00	37.40 1.49 0.00	34.84 1.26 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	39.58 1.55 0.00	39.47 1.42 0.00	36.04 1.12 0.00	36.33 1.14 0.00	31.52 1.01 0.00	29.83 1.00 0.00	32.46 1.05 0.00	37.27 1.14 0.00	34.59 1.28 0.00	27.64 1.22 0.00	24.65 1.26 0.00	32.99 1.81 0.00	35.43 1.92 0.00	39.29 1.99 0.00	38.22 1.85 0.00	39.75 1.81 0.00	39.84 1.66 0.00	41.13 1.69 0.00	55.26 2.05 0.00	65.15 2.59 0.00	39.02 1.64 0.00	39.02 1.74 0.00	37.41 1.50 0.00	34.85 1.27 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	39.54 1.52 0.00	39.45 1.39 0.00	36.01 1.09 0.00	36.31 1.11 0.00	31.49 0.98 0.00	29.81 0.98 0.00	32.43 1.03 0.00	37.25 1.11 0.00	34.56 1.25 0.00	27.62 1.19 0.00	24.64 1.25 0.00	32.96 1.78 0.00	35.40 1.89 0.00	39.25 1.96 0.00	38.18 1.82 0.00	39.72 1.77 0.00	39.80 1.62 0.00	41.09 1.65 0.00	55.20 1.99 0.00	65.07 2.51 0.00	38.98 1.61 0.00	38.98 1.70 0.00	37.37 1.46 0.00	34.82 1.24 0.00
FARRAGUT___LBMP 323566	39.52 1.50 0.00	39.41 1.36 0.00	35.99 1.08 0.00	36.29 1.10 0.00	31.48 0.97 0.00	29.79 0.96 0.00	32.42 1.02 0.00	37.23 1.09 0.00	34.54 1.23 0.00	27.60 1.17 0.00	24.62 1.23 0.00	32.94 1.76 0.00	35.39 1.88 0.00	39.23 1.93 0.00	38.16 1.79 0.00	39.68 1.74 0.00	39.77 1.59 0.00	41.06 1.62 0.00	55.15 1.95 0.00	65.02 2.46 0.00	38.96 1.58 0.00	38.95 1.67 0.00	37.35 1.44 0.00	34.80 1.21 0.00
FENNER___WINDPWR 24204	38.34 0.32 0.00	38.40 0.34 0.00	35.23 0.31 0.00	35.55 0.36 0.00	30.84 0.33 0.00	29.14 0.31 0.00	31.70 0.30 0.00	36.52 0.39 0.00	33.59 0.28 0.00	26.51 0.09 0.00	23.35 -0.04 0.00	31.10 -0.08 0.00	33.39 -0.12 0.00	37.22 -0.08 0.00	36.40 0.04 0.00	38.06 0.12 0.00	38.53 0.35 0.00	39.90 0.46 0.00	54.05 0.85 0.00	63.44 0.87 0.00	37.83 0.45 0.00	37.64 0.36 0.00	36.22 0.31 0.00	33.84 0.26 0.00
FIBERTEK___ENERGY 23856	37.72 -0.31 0.00	37.76 -0.29 0.00	34.61 -0.31 0.00	34.87 -0.32 0.00	30.22 -0.29 0.00	28.58 -0.25 0.00	31.15 -0.26 0.00	35.88 -0.26 0.00	33.08 -0.23 0.00	26.16 -0.26 0.00	23.06 -0.33 0.00	30.68 -0.50 0.00	32.98 -0.53 0.00	36.72 -0.57 0.00	35.87 -0.50 0.00	37.46 -0.49 0.00	37.72 -0.46 0.00	39.03 -0.41 0.00	52.79 -0.41 0.00	62.02 -0.54 0.00	37.02 -0.36 0.00	36.95 -0.33 0.00	35.62 -0.29 0.00	33.32 -0.27 0.00
FITZPATRICK___ 23598	36.86 -1.17 0.00	36.89 -1.16 0.00	33.83 -1.08 0.00	34.10 -1.09 0.00	29.55 -0.95 0.00	27.95 -0.88 0.00	30.44 -0.96 0.00	35.06 -1.08 0.00	32.33 -0.98 0.00	25.60 -0.83 0.00	22.62 -0.77 0.00	30.11 -1.08 0.00	32.35 -1.16 0.00	36.03 -1.27 0.00	35.15 -1.21 0.00	36.67 -1.27 0.00	36.90 -1.28 0.00	38.11 -1.33 0.00	51.49 -1.71 0.00	60.52 -2.04 0.00	36.14 -1.24 0.00	36.06 -1.22 0.00	34.79 -1.12 0.00	32.56 -1.03 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	39.63 1.61 0.00	39.55 1.50 0.00	36.13 1.21 0.00	36.41 1.22 0.00	31.57 1.06 0.00	29.84 1.02 0.00	32.50 1.09 0.00	37.38 1.25 0.00	34.62 1.31 0.00	27.64 1.22 0.00	24.64 1.25 0.00	32.93 1.75 0.00	35.37 1.86 0.00	39.30 2.01 0.00	38.31 1.95 0.00	39.92 1.98 0.00	40.10 1.92 0.00	41.40 1.96 0.00	55.65 2.45 0.00	65.63 3.07 0.00	39.30 1.92 0.00	39.22 1.94 0.00	37.55 1.63 0.00	34.96 1.37 0.00
FORT ORANGE___ 23900	38.34 0.31 0.00	38.34 0.28 0.00	35.11 0.19 0.00	35.40 0.20 0.00	30.80 0.29 0.00	29.05 0.22 0.00	31.65 0.25 0.00	36.41 0.27 0.00	33.52 0.21 0.00	26.64 0.22 0.00	23.66 0.27 0.00	31.62 0.44 0.00	33.86 0.35 0.00	37.60 0.31 0.00	36.70 0.33 0.00	38.48 0.54 0.00	38.80 0.61 0.00	40.00 0.56 0.00	53.70 0.49 0.00	63.21 0.65 0.00	37.93 0.55 0.00	37.79 0.51 0.00	36.21 0.30 0.00	33.77 0.19 0.00
FORT_DRUM_COGEN 23780	38.87 0.84 0.00	38.74 0.69 0.00	35.59 0.67 0.00	36.05 0.86 0.00	31.36 0.85 0.00	29.65 0.82 0.00	32.29 0.89 0.00	37.41 1.27 0.00	34.15 0.84 0.00	26.57 0.14 0.00	23.17 -0.22 0.00	30.82 -0.36 0.00	33.01 -0.50 0.00	36.50 -0.80 0.00	35.41 -0.96 0.00	37.20 -0.74 0.00	38.23 0.06 0.00	39.88 0.44 0.00	55.08 1.88 0.00	64.83 2.26 0.00	38.47 1.10 0.00	38.07 0.79 0.00	36.75 0.84 0.00	34.30 0.72 0.00
FOX_HILLS___ESR 323835	39.41 1.38 0.00	39.37 1.31 0.00	35.92 1.00 0.00	36.24 1.05 0.00	31.44 0.93 0.00	29.79 0.96 0.00	32.42 1.01 0.00	37.15 1.02 0.00	34.59 1.28 0.00	27.63 1.20 0.00	24.64 1.26 0.00	32.81 1.64 0.00	35.09 1.58 0.00	38.79 1.50 0.00	37.81 1.45 0.00	39.37 1.42 0.00	39.37 1.19 0.00	40.68 1.24 0.00	54.67 1.47 0.00	64.48 1.92 0.00	38.68 1.30 0.00	38.63 1.35 0.00	37.13 1.22 0.00	34.65 1.07 0.00
FPL_FAR_ROCK_GT1 24212	39.72 1.70 0.00	39.28 1.23 0.00	35.95 1.03 0.00	36.21 1.02 0.00	31.38 0.87 0.00	29.77 0.94 0.00	32.26 0.86 0.00	37.00 0.87 0.00	34.28 0.97 0.01	27.47 1.05 0.00	25.43 1.45 -0.59	34.84 2.20 -1.46	38.39 2.31 -2.57	39.65 2.35 0.00	38.37 2.01 0.00	39.73 1.79 0.00	39.86 1.68 0.00	41.11 1.67 0.00	55.12 1.92 0.01	63.90 2.51 1.17	39.00 1.62 0.00	38.95 1.67 0.00	37.27 1.36 0.00	34.77 1.18 0.00
FPL_FAR_ROCK_GT2 23815	39.72 1.70 0.00	39.28 1.23 0.00	35.95 1.03 0.00	36.21 1.02 0.00	31.38 0.87 0.00	29.77 0.94 0.00	32.26 0.86 0.00	37.00 0.87 0.00	34.28 0.97 0.01	27.47 1.05 0.00	25.43 1.45 -0.59	34.84 2.20 -1.46	38.39 2.31 -2.57	39.65 2.35 0.00	38.37 2.01 0.00	39.73 1.79 0.00	39.86 1.68 0.00	41.11 1.67 0.00	55.12 1.92 0.01	63.90 2.51 1.17	39.00 1.62 0.00	38.95 1.67 0.00	37.27 1.36 0.00	34.77 1.18 0.00
FRANKLIN_FALL_HYD 24054	39.10 1.07 0.00	39.06 1.00 0.00	35.83 0.92 0.00	36.19 1.00 0.00	31.46 0.95 0.00	29.80 0.97 0.00	32.52 1.11 0.00	37.40 1.27 0.00	34.43 1.12 0.00	27.23 0.81 0.00	24.04 0.65 0.00	31.98 0.81 0.00	34.38 0.87 0.00	38.23 0.93 0.00	37.11 0.75 0.00	38.63 0.69 0.00	39.78 1.60 0.00	41.28 1.84 0.00	55.92 2.72 0.00	64.78 2.22 0.00	38.44 1.06 0.00	38.19 0.91 0.00	36.94 1.03 0.00	34.63 1.04 0.00

FREEPORT_EQUS_GT1 23764	39.46 1.43 0.00	39.01 0.96 0.00	35.72 0.81 0.00	35.96 0.76 0.00	31.15 0.64 0.00	29.55 0.72 0.00	31.99 0.59 0.00	36.71 0.58 0.00	34.02 0.71 0.01	27.26 0.83 0.00	24.92 1.28 -0.25	33.66 1.94 -0.54	36.67 2.05 -1.11	39.37 2.08 0.00	38.11 1.75 0.00	39.43 1.49 0.00	39.55 1.37 0.00	40.76 1.32 0.00	54.41 1.23 0.02	55.42 1.93 9.07	38.67 1.29 0.00	38.62 1.34 0.00	36.96 1.05 0.00	34.47 0.89 0.00
FREEPORT___CT2 23818	39.46 1.43 0.00	39.01 0.96 0.00	35.72 0.81 0.00	35.96 0.76 0.00	31.15 0.64 0.00	29.55 0.72 0.00	31.99 0.59 0.00	36.71 0.58 0.00	34.02 0.71 0.01	27.26 0.83 0.00	24.92 1.28 -0.25	33.66 1.94 -0.54	36.67 2.05 -1.11	39.37 2.08 0.00	38.11 1.75 0.00	39.43 1.49 0.00	39.55 1.37 0.00	40.76 1.32 0.00	54.41 1.23 0.02	55.42 1.93 9.07	38.67 1.29 0.00	38.62 1.34 0.00	36.96 1.05 0.00	34.47 0.89 0.00
FRESHKLS_33_KV_LOAD 356253	39.41 1.38 0.00	39.39 1.33 0.00	35.93 1.02 0.00	36.36 1.16 0.00	31.54 1.03 0.00	29.89 1.06 0.00	32.52 1.11 0.00	37.24 1.10 0.00	34.70 1.39 0.00	27.71 1.29 0.00	24.71 1.32 0.00	32.82 1.64 0.00	35.04 1.53 0.00	38.67 1.38 0.00	37.72 1.35 0.00	39.28 1.34 0.00	39.30 1.12 0.00	40.62 1.18 0.00	54.59 1.39 0.00	64.41 1.85 0.00	38.64 1.26 0.00	38.57 1.30 0.00	37.11 1.20 0.00	34.67 1.09 0.00
FULTON COGEN____ 23766	37.23 -0.79 0.00	37.24 -0.82 0.00	34.15 -0.76 0.00	34.41 -0.78 0.00	29.82 -0.68 0.00	28.21 -0.62 0.00	30.72 -0.68 0.00	35.38 -0.75 0.00	32.64 -0.67 0.00	25.83 -0.59 0.00	22.78 -0.61 0.00	30.32 -0.86 0.00	32.57 -0.94 0.00	36.26 -1.04 0.00	35.38 -0.99 0.00	36.93 -1.01 0.00	37.18 -1.00 0.00	38.41 -1.03 0.00	51.96 -1.24 0.00	61.08 -1.48 0.00	36.48 -0.90 0.00	36.39 -0.88 0.00	35.12 -0.79 0.00	32.86 -0.72 0.00
FULTON___LFGE 323630	38.73 0.70 0.00	38.80 0.75 0.00	35.57 0.66 0.00	35.80 0.61 0.00	31.03 0.52 0.00	29.32 0.49 0.00	31.98 0.58 0.00	36.82 0.69 0.00	33.48 0.17 0.00	26.10 -0.32 0.00	23.31 -0.08 0.00	31.13 -0.05 0.00	33.53 0.02 0.00	37.37 0.08 0.00	36.26 -0.10 0.00	38.09 0.15 0.00	38.70 0.51 0.00	40.45 1.01 0.00	54.66 1.46 0.00	64.31 1.75 0.00	38.34 0.96 0.00	38.15 0.87 0.00	36.67 0.76 0.00	34.17 0.58 0.00
G.F.CEMENT___DRP 24184	39.48 1.46 0.00	39.37 1.32 0.00	35.93 1.01 0.00	36.20 1.01 0.00	31.52 1.01 0.00	29.81 0.99 0.00	32.56 1.15 0.00	37.40 1.26 0.00	34.33 1.01 0.00	27.12 0.70 0.00	24.15 0.76 0.00	32.29 1.11 0.00	34.60 1.09 0.00	38.39 1.09 0.00	37.50 1.14 0.00	39.39 1.45 0.00	39.98 1.80 0.00	41.34 1.90 0.00	55.48 2.28 0.00	65.31 2.75 0.00	39.26 1.88 0.00	39.03 1.76 0.00	37.39 1.48 0.00	34.61 1.02 0.00
GARDENVILLE___LBMP 24039	37.39 -0.63 0.00	37.63 -0.42 0.00	34.49 -0.43 0.00	34.66 -0.53 0.00	29.89 -0.62 0.00	28.69 -0.14 0.00	31.07 -0.33 0.00	35.89 -0.24 0.00	33.22 -0.09 0.00	26.36 -0.06 0.00	23.10 -0.28 0.00	30.27 -0.90 0.00	32.62 -0.89 0.00	36.37 -0.92 0.00	35.48 -0.88 0.00	36.50 -1.44 0.00	35.99 -2.19 0.00	36.87 -2.57 0.00	50.29 -2.91 0.00	58.67 -3.89 0.00	34.84 -2.54 0.00	35.17 -2.11 0.00	34.67 -1.24 0.00	33.08 -0.51 0.00
GARDNVLA_35_KV_LD 355827	37.63 -0.40 0.00	37.85 -0.20 0.00	34.67 -0.24 0.00	34.86 -0.33 0.00	30.06 -0.45 0.00	28.84 0.01 0.00	31.24 -0.16 0.00	36.09 -0.05 0.00	33.42 0.11 0.00	26.55 0.13 0.00	23.29 -0.09 0.00	30.52 -0.66 0.00	32.88 -0.63 0.00	36.67 -0.62 0.00	35.77 -0.59 0.00	36.81 -1.14 0.00	36.29 -1.90 0.00	37.19 -2.25 0.00	50.68 -2.53 0.00	59.11 -3.45 0.00	35.05 -2.32 0.00	35.38 -1.90 0.00	34.88 -1.03 0.00	33.31 -0.28 0.00
GELCKHM___115KV_LOAD 80723	37.50 -0.53 0.00	37.52 -0.53 0.00	34.40 -0.51 0.00	34.66 -0.53 0.00	30.04 -0.47 0.00	28.41 -0.42 0.00	30.95 -0.45 0.00	35.66 -0.48 0.00	32.87 -0.44 0.00	26.03 -0.40 0.00	22.95 -0.44 0.00	30.55 -0.63 0.00	32.81 -0.69 0.00	36.54 -0.75 0.00	35.67 -0.69 0.00	37.26 -0.68 0.00	37.49 -0.70 0.00	38.77 -0.67 0.00	52.42 -0.79 0.00	61.58 -0.98 0.00	36.77 -0.61 0.00	36.69 -0.59 0.00	35.39 -0.52 0.00	33.11 -0.48 0.00
GENERAL___MILLS 23808	37.53 -0.50 0.00	37.75 -0.30 0.00	34.58 -0.34 0.00	34.77 -0.43 0.00	29.98 -0.53 0.00	28.77 -0.06 0.00	31.15 -0.25 0.00	35.99 -0.14 0.00	33.32 0.00 0.00	26.48 0.05 0.00	23.22 -0.17 0.00	30.41 -0.77 0.00	32.76 -0.75 0.00	36.53 -0.77 0.00	35.63 -0.73 0.00	36.65 -1.30 0.00	36.12 -2.06 0.00	37.02 -2.43 0.00	50.46 -2.75 0.00	58.83 -3.74 0.00	34.90 -2.48 0.00	35.23 -2.05 0.00	34.76 -1.15 0.00	33.21 -0.38 0.00
GE_PLASTICS___DRP 24183	38.34 0.31 0.00	38.35 0.30 0.00	35.14 0.22 0.00	35.43 0.23 0.00	30.78 0.27 0.00	29.02 0.19 0.00	31.61 0.21 0.00	36.35 0.21 0.00	33.50 0.19 0.00	26.64 0.21 0.00	23.67 0.28 0.00	31.62 0.44 0.00	33.89 0.38 0.00	37.68 0.39 0.00	36.76 0.40 0.00	38.44 0.50 0.00	38.69 0.51 0.00	39.88 0.44 0.00	53.56 0.36 0.00	63.06 0.50 0.00	37.83 0.45 0.00	37.73 0.45 0.00	36.19 0.28 0.00	33.77 0.18 0.00
GILBOA___1 23756	38.56 0.54 0.00	38.75 0.69 0.00	35.66 0.74 0.00	35.83 0.64 0.00	31.06 0.55 0.00	29.14 0.31 0.00	31.74 0.34 0.00	36.49 0.36 0.00	33.68 0.37 0.00	26.79 0.36 0.00	23.80 0.41 0.00	31.78 0.60 0.00	34.11 0.60 0.00	37.93 0.64 0.00	36.97 0.61 0.00	38.59 0.64 0.00	38.81 0.63 0.00	39.92 0.48 0.00	53.62 0.42 0.00	63.18 0.62 0.00	37.94 0.56 0.00	37.94 0.66 0.00	36.43 0.51 0.00	33.98 0.39 0.00
GILBOA___2 23757	38.56 0.54 0.00	38.75 0.69 0.00	35.66 0.74 0.00	35.83 0.64 0.00	31.06 0.55 0.00	29.14 0.31 0.00	31.74 0.34 0.00	36.49 0.36 0.00	33.68 0.37 0.00	26.79 0.36 0.00	23.80 0.41 0.00	31.78 0.60 0.00	34.11 0.60 0.00	37.93 0.64 0.00	36.97 0.61 0.00	38.59 0.64 0.00	38.81 0.63 0.00	39.92 0.48 0.00	53.62 0.42 0.00	63.18 0.62 0.00	37.94 0.56 0.00	37.94 0.66 0.00	36.43 0.51 0.00	33.98 0.39 0.00
GILBOA___3 23758	38.56 0.54 0.00	38.75 0.69 0.00	35.66 0.74 0.00	35.83 0.64 0.00	31.06 0.55 0.00	29.14 0.31 0.00	31.74 0.34 0.00	36.49 0.36 0.00	33.68 0.37 0.00	26.79 0.36 0.00	23.80 0.41 0.00	31.78 0.60 0.00	34.11 0.60 0.00	37.93 0.64 0.00	36.97 0.61 0.00	38.59 0.64 0.00	38.81 0.63 0.00	39.92 0.48 0.00	53.62 0.42 0.00	63.18 0.62 0.00	37.94 0.56 0.00	37.94 0.66 0.00	36.43 0.51 0.00	33.98 0.39 0.00
GILBOA___4 23759	38.56 0.54 0.00	38.75 0.69 0.00	35.66 0.74 0.00	35.83 0.64 0.00	31.06 0.55 0.00	29.14 0.31 0.00	31.74 0.34 0.00	36.49 0.36 0.00	33.68 0.37 0.00	26.79 0.36 0.00	23.80 0.41 0.00	31.78 0.60 0.00	34.11 0.60 0.00	37.93 0.64 0.00	36.97 0.61 0.00	38.59 0.64 0.00	38.81 0.63 0.00	39.92 0.48 0.00	53.62 0.42 0.00	63.18 0.62 0.00	37.94 0.56 0.00	37.94 0.66 0.00	36.43 0.51 0.00	33.98 0.39 0.00

GILBOA____ 23599	38.56 0.54 0.00	38.76 0.70 0.00	35.66 0.74 0.00	35.83 0.64 0.00	31.06 0.55 0.00	29.13 0.31 0.00	31.74 0.34 0.00	36.49 0.35 0.00	33.68 0.37 0.00	26.79 0.36 0.00	23.80 0.41 0.00	31.78 0.60 0.00	34.11 0.60 0.00	37.93 0.64 0.00	36.97 0.61 0.00	38.59 0.65 0.00	38.81 0.63 0.00	39.92 0.48 0.00	53.62 0.42 0.00	63.19 0.62 0.00	37.94 0.56 0.00	37.94 0.66 0.00	36.43 0.51 0.00	33.98 0.39 0.00
GINNA____ 23603	36.18 -1.84 0.00	36.24 -1.81 0.00	33.23 -1.69 0.00	33.46 -1.73 0.00	28.94 -1.57 0.00	27.54 -1.29 0.00	29.97 -1.44 0.00	34.60 -1.53 0.00	31.93 -1.39 0.00	25.25 -1.18 0.00	22.18 -1.21 0.00	29.29 -1.89 0.00	31.53 -1.98 0.00	35.18 -2.11 0.00	34.36 -2.00 0.00	35.74 -2.20 0.00	35.82 -2.36 0.00	37.07 -2.37 0.00	50.28 -2.92 0.00	58.89 -3.67 0.00	35.01 -2.37 0.00	35.00 -2.28 0.00	33.97 -1.94 0.00	32.00 -1.58 0.00
GLEN PARK____ 23778	39.02 0.99 0.00	38.90 0.84 0.00	35.73 0.81 0.00	36.19 0.99 0.00	31.47 0.96 0.00	29.77 0.94 0.00	32.42 1.02 0.00	37.56 1.43 0.00	34.28 0.97 0.00	26.61 0.19 0.00	23.20 -0.19 0.00	30.84 -0.34 0.00	32.97 -0.54 0.00	36.45 -0.84 0.00	35.37 -0.99 0.00	37.18 -0.76 0.00	38.36 0.18 0.00	40.05 0.61 0.00	55.36 2.16 0.00	65.17 2.61 0.00	38.67 1.29 0.00	38.25 0.98 0.00	36.91 1.00 0.00	34.44 0.86 0.00
GLENDALE_27_KV_LOAD 356172	39.67 1.64 0.00	39.59 1.53 0.00	36.12 1.20 0.00	36.34 1.15 0.00	31.54 1.03 0.00	29.88 1.06 0.00	32.52 1.12 0.00	37.31 1.17 0.00	34.65 1.34 0.00	27.71 1.29 0.00	24.74 1.35 0.00	33.07 1.90 0.00	35.49 1.99 0.00	39.29 2.00 0.00	38.23 1.86 0.00	39.78 1.83 0.00	39.81 1.63 0.00	41.10 1.66 0.00	55.20 1.99 0.00	65.07 2.51 0.00	39.01 1.63 0.00	39.00 1.72 0.00	37.42 1.51 0.00	34.90 1.32 0.00
GLENWOOD_IC_1_G5 23712	39.53 1.50 0.00	39.24 1.19 0.00	35.89 0.97 0.00	36.16 0.96 0.00	31.33 0.82 0.00	29.69 0.86 0.00	32.23 0.82 0.00	37.00 0.86 0.00	34.29 0.99 0.00	27.44 1.01 0.00	24.87 1.27 -0.21	33.42 1.88 -0.37	36.41 1.98 -0.91	39.34 2.05 0.00	38.17 1.81 0.00	39.60 1.66 0.00	39.70 1.52 0.00	40.70 1.26 0.00	54.59 1.40 0.01	58.88 1.87 5.55	38.64 1.26 0.00	38.85 1.57 0.00	37.19 1.28 0.00	34.67 1.08 0.00
GLENWOOD_IC_2_G1 23688	39.41 1.39 0.00	39.20 1.15 0.00	35.83 0.91 0.00	36.11 0.92 0.00	31.30 0.79 0.00	29.64 0.81 0.00	32.20 0.80 0.00	36.98 0.84 0.00	34.27 0.96 0.00	27.39 0.97 0.00	24.57 1.18 -0.01	32.92 1.73 0.00	35.36 1.83 -0.02	39.18 1.89 0.00	38.05 1.69 0.00	39.52 1.57 0.00	39.64 1.46 0.00	40.87 1.43 0.00	54.86 1.66 0.00	64.69 2.16 0.03	38.79 1.42 0.00	38.77 1.50 0.00	37.15 1.24 0.00	34.62 1.03 0.00
GLENWOOD_IC_3_G1 23689	39.41 1.39 0.00	39.20 1.15 0.00	35.83 0.91 0.00	36.11 0.92 0.00	31.30 0.79 0.00	29.64 0.81 0.00	32.20 0.80 0.00	36.98 0.84 0.00	34.27 0.96 0.00	27.39 0.97 0.00	24.57 1.18 -0.01	32.92 1.73 0.00	35.36 1.83 -0.02	39.18 1.89 0.00	38.05 1.69 0.00	39.52 1.57 0.00	39.64 1.46 0.00	40.87 1.43 0.00	54.86 1.66 0.00	64.69 2.16 0.03	38.79 1.42 0.00	38.77 1.50 0.00	37.15 1.24 0.00	34.62 1.03 0.00
GLENWOOD____4 23550	39.53 1.50 0.00	39.24 1.19 0.00	35.89 0.97 0.00	36.16 0.96 0.00	31.33 0.82 0.00	29.69 0.86 0.00	32.23 0.82 0.00	37.00 0.86 0.00	34.29 0.99 0.00	27.44 1.01 0.00	24.87 1.27 -0.21	33.42 1.88 -0.37	36.41 1.98 -0.91	39.34 2.05 0.00	38.17 1.81 0.00	39.60 1.66 0.00	39.71 1.52 0.00	40.79 1.35 0.00	54.73 1.54 0.01	59.06 2.04 5.55	38.73 1.35 0.00	38.85 1.57 0.00	37.19 1.28 0.00	34.67 1.08 0.00
GLENWOOD____5 23614	39.53 1.50 0.00	39.24 1.19 0.00	35.89 0.97 0.00	36.16 0.96 0.00	31.33 0.82 0.00	29.69 0.86 0.00	32.23 0.82 0.00	37.00 0.86 0.00	34.29 0.99 0.00	27.44 1.01 0.00	24.87 1.27 -0.21	33.42 1.88 -0.37	36.41 1.98 -0.91	39.34 2.05 0.00	38.17 1.81 0.00	39.60 1.66 0.00	39.71 1.52 0.00	40.79 1.35 0.00	54.73 1.54 0.01	59.06 2.04 5.55	38.73 1.35 0.00	38.85 1.57 0.00	37.19 1.28 0.00	34.67 1.08 0.00
GLOBAL GREEN_PORT_GT1 23814	38.73 0.71 0.00	38.03 -0.02 0.00	34.74 -0.18 0.00	34.89 -0.30 0.00	30.21 -0.30 0.00	28.83 0.00 0.00	31.23 -0.17 0.00	35.83 -0.31 0.00	33.15 -0.16 0.01	26.59 0.17 0.00	24.44 1.01 -0.04	32.59 1.44 0.03	35.21 1.55 -0.15	38.88 1.59 0.00	37.54 1.18 0.00	38.65 0.71 0.00	38.73 0.55 0.00	39.98 0.54 0.00	53.27 0.10 0.03	45.33 0.29 17.53	37.72 0.34 0.00	37.53 0.25 0.00	35.79 -0.12 0.00	33.27 -0.31 0.00
GLOBE____DSASP 323697	36.93 -1.10 0.00	37.18 -0.88 0.00	34.14 -0.78 0.00	34.32 -0.87 0.00	29.55 -0.96 0.00	28.39 -0.44 0.00	30.69 -0.71 0.00	35.44 -0.70 0.00	32.79 -0.52 0.00	26.09 -0.33 0.00	22.90 -0.49 0.00	29.92 -1.26 0.00	32.25 -1.25 0.00	35.93 -1.36 0.00	35.09 -1.27 0.00	36.05 -1.90 0.00	35.41 -2.77 0.00	36.09 -3.35 0.00	48.89 -4.31 0.00	56.86 -5.70 0.00	33.71 -3.67 0.00	34.07 -3.21 0.00	33.80 -2.11 0.00	32.50 -1.09 0.00
GOETHSLN____LBMP 323567	39.34 1.31 0.00	39.24 1.18 0.00	35.81 0.90 0.00	36.10 0.90 0.00	31.31 0.80 0.00	29.64 0.81 0.00	32.24 0.84 0.00	37.02 0.89 0.00	34.37 1.05 0.00	27.46 1.04 0.00	24.50 1.11 0.00	32.80 1.62 0.00	35.25 1.74 0.00	39.06 1.77 0.00	38.00 1.63 0.00	39.52 1.58 0.00	39.62 1.44 0.00	40.91 1.47 0.00	54.96 1.76 0.00	64.83 2.27 0.00	38.83 1.45 0.00	38.82 1.54 0.00	37.20 1.29 0.00	34.67 1.09 0.00
GOLAH____69_KV_TB 1_2 80279	38.05 0.02 0.00	38.11 0.05 0.00	35.04 0.12 0.00	35.24 0.05 0.00	30.36 -0.14 0.00	29.01 0.17 0.00	31.57 0.16 0.00	36.43 0.29 0.00	33.59 0.28 0.00	26.57 0.14 0.00	23.27 -0.12 0.00	30.58 -0.60 0.00	32.89 -0.61 0.00	36.72 -0.58 0.00	35.91 -0.46 0.00	37.23 -0.71 0.00	37.17 -1.01 0.00	38.41 -1.03 0.00	52.30 -0.91 0.00	61.21 -1.35 0.00	36.36 -1.01 0.00	36.43 -0.84 0.00	35.53 -0.38 0.00	33.61 0.03 0.00
GOODYEAR_LAKE_HYD 323669	38.71 0.69 0.00	38.88 0.83 0.00	35.73 0.82 0.00	35.92 0.73 0.00	31.11 0.61 0.00	29.35 0.52 0.00	31.97 0.56 0.00	36.80 0.66 0.00	33.98 0.66 0.00	26.92 0.49 0.00	23.83 0.44 0.00	31.72 0.54 0.00	34.13 0.63 0.00	38.00 0.71 0.00	37.02 0.66 0.00	38.74 0.80 0.00	39.01 0.82 0.00	40.26 0.82 0.00	54.25 1.05 0.00	64.06 1.49 0.00	38.23 0.85 0.00	38.09 0.81 0.00	36.61 0.70 0.00	34.19 0.60 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	38.12 0.09 0.00	38.20 0.14 0.00	34.96 0.05 0.00	35.19 0.00 0.00	30.47 -0.04 0.00	28.83 0.00 0.00	31.42 0.02 0.00	36.20 0.06 0.00	33.42 0.10 0.00	26.45 0.03 0.00	23.35 -0.04 0.00	31.11 -0.07 0.00	33.38 -0.12 0.00	37.17 -0.12 0.00	36.25 -0.11 0.00	37.83 -0.11 0.00	38.07 -0.11 0.00	39.30 -0.14 0.00	53.22 0.02 0.00	62.56 -0.01 0.00	37.37 -0.02 0.00	37.35 0.07 0.00	35.96 0.05 0.00	33.62 0.04 0.00

GOUDEY___7 23579	38.12 0.09 0.00	38.20 0.14 0.00	34.96 0.05 0.00	35.19 0.00 0.00	30.47 -0.04 0.00	28.83 0.00 0.00	31.42 0.02 0.00	36.20 0.06 0.00	33.42 0.10 0.00	26.45 0.03 0.00	23.35 -0.04 0.00	31.11 -0.07 0.00	33.38 -0.12 0.00	37.17 -0.12 0.00	36.25 -0.11 0.00	37.83 -0.11 0.00	38.07 -0.11 0.00	39.30 -0.14 0.00	53.22 0.02 0.00	62.56 -0.01 0.00	37.37 -0.02 0.00	37.35 0.07 0.00	35.96 0.05 0.00	33.62 0.04 0.00
GOUDEY___8 23580	38.12 0.09 0.00	38.20 0.14 0.00	34.96 0.05 0.00	35.19 0.00 0.00	30.47 -0.04 0.00	28.83 0.00 0.00	31.42 0.02 0.00	36.20 0.06 0.00	33.42 0.10 0.00	26.45 0.03 0.00	23.35 -0.04 0.00	31.11 -0.07 0.00	33.38 -0.12 0.00	37.17 -0.12 0.00	36.25 -0.11 0.00	37.83 -0.11 0.00	38.07 -0.11 0.00	39.30 -0.14 0.00	53.22 0.02 0.00	62.56 -0.01 0.00	37.37 -0.02 0.00	37.35 0.07 0.00	35.96 0.05 0.00	33.62 0.04 0.00
GOWANUS_GT1_1 24077	39.48 1.45 0.00	39.41 1.36 0.00	35.97 1.05 0.00	36.22 1.03 0.00	31.42 0.91 0.00	29.77 0.94 0.00	32.39 0.99 0.00	37.16 1.02 0.00	34.56 1.25 0.00	27.62 1.19 0.00	24.64 1.25 0.00	32.89 1.71 0.00	35.25 1.74 0.00	38.99 1.70 0.00	37.97 1.61 0.00	39.53 1.59 0.00	39.52 1.34 0.00	40.82 1.38 0.00	54.85 1.65 0.00	64.70 2.14 0.00	38.79 1.41 0.00	38.75 1.48 0.00	37.22 1.31 0.00	34.71 1.13 0.00
GOWANUS_GT1_2 24078	39.48 1.45 0.00	39.41 1.36 0.00	35.97 1.05 0.00	36.22 1.03 0.00	31.42 0.91 0.00	29.77 0.94 0.00	32.39 0.99 0.00	37.16 1.02 0.00	34.56 1.25 0.00	27.62 1.19 0.00	24.64 1.25 0.00	32.89 1.71 0.00	35.25 1.74 0.00	38.99 1.70 0.00	37.97 1.61 0.00	39.53 1.59 0.00	39.52 1.34 0.00	40.82 1.38 0.00	54.85 1.65 0.00	64.70 2.14 0.00	38.79 1.41 0.00	38.75 1.48 0.00	37.22 1.31 0.00	34.71 1.13 0.00
GOWANUS_GT1_3 24079	39.48 1.45 0.00	39.41 1.36 0.00	35.97 1.05 0.00	36.22 1.03 0.00	31.42 0.91 0.00	29.77 0.94 0.00	32.39 0.99 0.00	37.16 1.02 0.00	34.56 1.25 0.00	27.62 1.19 0.00	24.64 1.25 0.00	32.89 1.71 0.00	35.25 1.74 0.00	38.99 1.70 0.00	37.97 1.61 0.00	39.53 1.59 0.00	39.52 1.34 0.00	40.82 1.38 0.00	54.85 1.65 0.00	64.70 2.14 0.00	38.79 1.41 0.00	38.75 1.48 0.00	37.22 1.31 0.00	34.71 1.13 0.00
GOWANUS_GT1_4 24080	39.48 1.45 0.00	39.41 1.36 0.00	35.97 1.05 0.00	36.22 1.03 0.00	31.42 0.91 0.00	29.77 0.94 0.00	32.39 0.99 0.00	37.16 1.02 0.00	34.56 1.25 0.00	27.62 1.19 0.00	24.64 1.25 0.00	32.89 1.71 0.00	35.25 1.74 0.00	38.99 1.70 0.00	37.97 1.61 0.00	39.53 1.59 0.00	39.52 1.34 0.00	40.82 1.38 0.00	54.85 1.65 0.00	64.70 2.14 0.00	38.79 1.41 0.00	38.75 1.48 0.00	37.22 1.31 0.00	34.71 1.13 0.00
GOWANUS_GT1_5 24084	39.48 1.45 0.00	39.41 1.36 0.00	35.97 1.05 0.00	36.22 1.03 0.00	31.42 0.91 0.00	29.77 0.94 0.00	32.39 0.99 0.00	37.16 1.02 0.00	34.56 1.25 0.00	27.62 1.19 0.00	24.64 1.25 0.00	32.89 1.71 0.00	35.25 1.74 0.00	38.99 1.70 0.00	37.97 1.61 0.00	39.53 1.59 0.00	39.52 1.34 0.00	40.82 1.38 0.00	54.85 1.65 0.00	64.70 2.14 0.00	38.79 1.41 0.00	38.75 1.48 0.00	37.22 1.31 0.00	34.71 1.13 0.00
GOWANUS_GT1_6 24111	39.48 1.45 0.00	39.41 1.36 0.00	35.97 1.05 0.00	36.22 1.03 0.00	31.42 0.91 0.00	29.77 0.94 0.00	32.39 0.99 0.00	37.16 1.02 0.00	34.56 1.25 0.00	27.62 1.19 0.00	24.64 1.25 0.00	32.89 1.71 0.00	35.25 1.74 0.00	38.99 1.70 0.00	37.97 1.61 0.00	39.53 1.59 0.00	39.52 1.34 0.00	40.82 1.38 0.00	54.85 1.65 0.00	64.70 2.14 0.00	38.79 1.41 0.00	38.75 1.48 0.00	37.22 1.31 0.00	34.71 1.13 0.00
GOWANUS_GT1_7 24112	39.48 1.45 0.00	39.41 1.36 0.00	35.97 1.05 0.00	36.22 1.03 0.00	31.42 0.91 0.00	29.77 0.94 0.00	32.39 0.99 0.00	37.16 1.02 0.00	34.56 1.25 0.00	27.62 1.19 0.00	24.64 1.25 0.00	32.89 1.71 0.00	35.25 1.74 0.00	38.99 1.70 0.00	37.97 1.61 0.00	39.53 1.59 0.00	39.52 1.34 0.00	40.82 1.38 0.00	54.85 1.65 0.00	64.70 2.14 0.00	38.79 1.41 0.00	38.75 1.48 0.00	37.22 1.31 0.00	34.71 1.13 0.00
GOWANUS_GT1_8 24113	39.48 1.45 0.00	39.41 1.36 0.00	35.97 1.05 0.00	36.22 1.03 0.00	31.42 0.91 0.00	29.77 0.94 0.00	32.39 0.99 0.00	37.16 1.02 0.00	34.56 1.25 0.00	27.62 1.19 0.00	24.64 1.25 0.00	32.89 1.71 0.00	35.25 1.74 0.00	38.99 1.70 0.00	37.97 1.61 0.00	39.53 1.59 0.00	39.52 1.34 0.00	40.82 1.38 0.00	54.85 1.65 0.00	64.70 2.14 0.00	38.79 1.41 0.00	38.75 1.48 0.00	37.22 1.31 0.00	34.71 1.13 0.00
GOWANUS_GT2_1 24114	39.48 1.45 0.00	39.41 1.36 0.00	35.97 1.05 0.00	36.22 1.02 0.00	31.42 0.91 0.00	29.77 0.94 0.00	32.40 0.99 0.00	37.16 1.03 0.00	34.56 1.25 0.00	27.62 1.19 0.00	24.64 1.25 0.00	32.89 1.71 0.00	35.24 1.74 0.00	38.99 1.70 0.00	37.97 1.61 0.00	39.52 1.58 0.00	39.51 1.33 0.00	40.82 1.38 0.00	54.86 1.66 0.00	64.69 2.13 0.00	38.79 1.41 0.00	38.75 1.48 0.00	37.22 1.31 0.00	34.71 1.13 0.00
GOWANUS_GT2_2 24115	39.48 1.45 0.00	39.41 1.36 0.00	35.97 1.05 0.00	36.22 1.02 0.00	31.42 0.91 0.00	29.77 0.94 0.00	32.40 0.99 0.00	37.16 1.03 0.00	34.56 1.25 0.00	27.62 1.19 0.00	24.64 1.25 0.00	32.89 1.71 0.00	35.24 1.74 0.00	38.99 1.70 0.00	37.97 1.61 0.00	39.52 1.58 0.00	39.51 1.33 0.00	40.82 1.38 0.00	54.86 1.66 0.00	64.69 2.13 0.00	38.79 1.41 0.00	38.75 1.48 0.00	37.22 1.31 0.00	34.71 1.13 0.00
GOWANUS_GT2_3 24116	39.48 1.45 0.00	39.41 1.36 0.00	35.97 1.05 0.00	36.22 1.02 0.00	31.42 0.91 0.00	29.77 0.94 0.00	32.40 0.99 0.00	37.16 1.03 0.00	34.56 1.25 0.00	27.62 1.19 0.00	24.64 1.25 0.00	32.89 1.71 0.00	35.24 1.74 0.00	38.99 1.70 0.00	37.97 1.61 0.00	39.52 1.58 0.00	39.51 1.33 0.00	40.82 1.38 0.00	54.86 1.66 0.00	64.69 2.13 0.00	38.79 1.41 0.00	38.75 1.48 0.00	37.22 1.31 0.00	34.71 1.13 0.00
GOWANUS_GT2_4 24117	39.48 1.45 0.00	39.41 1.36 0.00	35.97 1.05 0.00	36.22 1.02 0.00	31.42 0.91 0.00	29.77 0.94 0.00	32.40 0.99 0.00	37.16 1.03 0.00	34.56 1.25 0.00	27.62 1.19 0.00	24.64 1.25 0.00	32.89 1.71 0.00	35.24 1.74 0.00	38.99 1.70 0.00	37.97 1.61 0.00	39.52 1.58 0.00	39.51 1.33 0.00	40.82 1.38 0.00	54.86 1.66 0.00	64.69 2.13 0.00	38.79 1.41 0.00	38.75 1.48 0.00	37.22 1.31 0.00	34.71 1.13 0.00
GOWANUS_GT2_5 24118	39.48 1.45 0.00	39.41 1.36 0.00	35.97 1.05 0.00	36.22 1.02 0.00	31.42 0.91 0.00	29.77 0.94 0.00	32.40 0.99 0.00	37.16 1.03 0.00	34.56 1.25 0.00	27.62 1.19 0.00	24.64 1.25 0.00	32.89 1.71 0.00	35.24 1.74 0.00	38.99 1.70 0.00	37.97 1.61 0.00	39.52 1.58 0.00	39.51 1.33 0.00	40.82 1.38 0.00	54.86 1.66 0.00	64.69 2.13 0.00	38.79 1.41 0.00	38.75 1.48 0.00	37.22 1.31 0.00	34.71 1.13 0.00

GOWANUS_GT2_6 24119	39.48 1.45 0.00	39.41 1.36 0.00	35.97 1.05 0.00	36.22 1.02 0.00	31.42 0.91 0.00	29.77 0.94 0.00	32.40 0.99 0.00	37.16 1.03 0.00	34.56 1.25 0.00	27.62 1.19 0.00	24.64 1.25 0.00	32.89 1.71 0.00	35.24 1.74 0.00	38.99 1.70 0.00	37.97 1.61 0.00	39.52 1.58 0.00	39.51 1.33 0.00	40.82 1.38 0.00	54.86 1.66 0.00	64.69 2.13 0.00	38.79 1.41 0.00	38.75 1.48 0.00	37.22 1.31 0.00	34.71 1.13 0.00
GOWANUS_GT2_7 24120	39.48 1.45 0.00	39.41 1.36 0.00	35.97 1.05 0.00	36.22 1.02 0.00	31.42 0.91 0.00	29.77 0.94 0.00	32.40 0.99 0.00	37.16 1.03 0.00	34.56 1.25 0.00	27.62 1.19 0.00	24.64 1.25 0.00	32.89 1.71 0.00	35.24 1.74 0.00	38.99 1.70 0.00	37.97 1.61 0.00	39.52 1.58 0.00	39.51 1.33 0.00	40.82 1.38 0.00	54.86 1.66 0.00	64.69 2.13 0.00	38.79 1.41 0.00	38.75 1.48 0.00	37.22 1.31 0.00	34.71 1.13 0.00
GOWANUS_GT2_8 24121	39.48 1.45 0.00	39.41 1.36 0.00	35.97 1.05 0.00	36.22 1.02 0.00	31.42 0.91 0.00	29.77 0.94 0.00	32.40 0.99 0.00	37.16 1.03 0.00	34.56 1.25 0.00	27.62 1.19 0.00	24.64 1.25 0.00	32.89 1.71 0.00	35.24 1.74 0.00	38.99 1.70 0.00	37.97 1.61 0.00	39.52 1.58 0.00	39.51 1.33 0.00	40.82 1.38 0.00	54.86 1.66 0.00	64.69 2.13 0.00	38.79 1.41 0.00	38.75 1.48 0.00	37.22 1.31 0.00	34.71 1.13 0.00
GOWANUS_GT3_1 24122	39.48 1.45 0.00	39.41 1.36 0.00	35.97 1.05 0.00	36.22 1.02 0.00	31.42 0.91 0.00	29.77 0.94 0.00	32.40 0.99 0.00	37.16 1.03 0.00	34.56 1.25 0.00	27.62 1.19 0.00	24.64 1.25 0.00	32.89 1.71 0.00	35.24 1.74 0.00	38.99 1.70 0.00	37.97 1.61 0.00	39.52 1.58 0.00	39.51 1.33 0.00	40.82 1.38 0.00	54.86 1.66 0.00	64.69 2.13 0.00	38.79 1.41 0.00	38.75 1.48 0.00	37.22 1.31 0.00	34.71 1.13 0.00
GOWANUS_GT3_2 24123	39.48 1.45 0.00	39.41 1.36 0.00	35.97 1.05 0.00	36.22 1.02 0.00	31.42 0.91 0.00	29.77 0.94 0.00	32.40 0.99 0.00	37.16 1.03 0.00	34.56 1.25 0.00	27.62 1.19 0.00	24.64 1.25 0.00	32.89 1.71 0.00	35.24 1.74 0.00	38.99 1.70 0.00	37.97 1.61 0.00	39.52 1.58 0.00	39.51 1.33 0.00	40.82 1.38 0.00	54.86 1.66 0.00	64.69 2.13 0.00	38.79 1.41 0.00	38.75 1.48 0.00	37.22 1.31 0.00	34.71 1.13 0.00
GOWANUS_GT3_3 24124	39.48 1.45 0.00	39.41 1.36 0.00	35.97 1.05 0.00	36.22 1.02 0.00	31.42 0.91 0.00	29.77 0.94 0.00	32.40 0.99 0.00	37.16 1.03 0.00	34.56 1.25 0.00	27.62 1.19 0.00	24.64 1.25 0.00	32.89 1.71 0.00	35.24 1.74 0.00	38.99 1.70 0.00	37.97 1.61 0.00	39.52 1.58 0.00	39.51 1.33 0.00	40.82 1.38 0.00	54.86 1.66 0.00	64.69 2.13 0.00	38.79 1.41 0.00	38.75 1.48 0.00	37.22 1.31 0.00	34.71 1.13 0.00
GOWANUS_GT3_4 24125	39.48 1.45 0.00	39.41 1.36 0.00	35.97 1.05 0.00	36.22 1.02 0.00	31.42 0.91 0.00	29.77 0.94 0.00	32.40 0.99 0.00	37.16 1.03 0.00	34.56 1.25 0.00	27.62 1.19 0.00	24.64 1.25 0.00	32.89 1.71 0.00	35.24 1.74 0.00	38.99 1.70 0.00	37.97 1.61 0.00	39.52 1.58 0.00	39.51 1.33 0.00	40.82 1.38 0.00	54.86 1.66 0.00	64.69 2.13 0.00	38.79 1.41 0.00	38.75 1.48 0.00	37.22 1.31 0.00	34.71 1.13 0.00
GOWANUS_GT3_5 24126	39.48 1.45 0.00	39.41 1.36 0.00	35.97 1.05 0.00	36.22 1.02 0.00	31.42 0.91 0.00	29.77 0.94 0.00	32.40 0.99 0.00	37.16 1.03 0.00	34.56 1.25 0.00	27.62 1.19 0.00	24.64 1.25 0.00	32.89 1.71 0.00	35.24 1.74 0.00	38.99 1.70 0.00	37.97 1.61 0.00	39.52 1.58 0.00	39.51 1.33 0.00	40.82 1.38 0.00	54.86 1.66 0.00	64.69 2.13 0.00	38.79 1.41 0.00	38.75 1.48 0.00	37.22 1.31 0.00	34.71 1.13 0.00
GOWANUS_GT3_6 24127	39.48 1.45 0.00	39.41 1.36 0.00	35.97 1.05 0.00	36.22 1.02 0.00	31.42 0.91 0.00	29.77 0.94 0.00	32.40 0.99 0.00	37.16 1.03 0.00	34.56 1.25 0.00	27.62 1.19 0.00	24.64 1.25 0.00	32.89 1.71 0.00	35.24 1.74 0.00	38.99 1.70 0.00	37.97 1.61 0.00	39.52 1.58 0.00	39.51 1.33 0.00	40.82 1.38 0.00	54.86 1.66 0.00	64.69 2.13 0.00	38.79 1.41 0.00	38.75 1.48 0.00	37.22 1.31 0.00	34.71 1.13 0.00
GOWANUS_GT3_7 24128	39.48 1.45 0.00	39.41 1.36 0.00	35.97 1.05 0.00	36.22 1.02 0.00	31.42 0.91 0.00	29.77 0.94 0.00	32.40 0.99 0.00	37.16 1.03 0.00	34.56 1.25 0.00	27.62 1.19 0.00	24.64 1.25 0.00	32.89 1.71 0.00	35.24 1.74 0.00	38.99 1.70 0.00	37.97 1.61 0.00	39.52 1.58 0.00	39.51 1.33 0.00	40.82 1.38 0.00	54.86 1.66 0.00	64.69 2.13 0.00	38.79 1.41 0.00	38.75 1.48 0.00	37.22 1.31 0.00	34.71 1.13 0.00
GOWANUS_GT3_8 24129	39.48 1.45 0.00	39.41 1.36 0.00	35.97 1.05 0.00	36.22 1.02 0.00	31.42 0.91 0.00	29.77 0.94 0.00	32.40 0.99 0.00	37.16 1.03 0.00	34.56 1.25 0.00	27.62 1.19 0.00	24.64 1.25 0.00	32.89 1.71 0.00	35.24 1.74 0.00	38.99 1.70 0.00	37.97 1.61 0.00	39.52 1.58 0.00	39.51 1.33 0.00	40.82 1.38 0.00	54.86 1.66 0.00	64.69 2.13 0.00	38.79 1.41 0.00	38.75 1.48 0.00	37.22 1.31 0.00	34.71 1.13 0.00
GOWANUS_GT4_1 24130	39.48 1.45 0.00	39.41 1.36 0.00	35.97 1.05 0.00	36.22 1.03 0.00	31.42 0.91 0.00	29.77 0.94 0.00	32.39 0.99 0.00	37.16 1.02 0.00	34.56 1.25 0.00	27.62 1.19 0.00	24.64 1.25 0.00	32.89 1.71 0.00	35.25 1.74 0.00	38.99 1.70 0.00	37.97 1.61 0.00	39.53 1.59 0.00	39.52 1.34 0.00	40.82 1.38 0.00	54.85 1.65 0.00	64.70 2.14 0.00	38.79 1.41 0.00	38.75 1.48 0.00	37.22 1.31 0.00	34.71 1.13 0.00
GOWANUS_GT4_2 24131	39.48 1.45 0.00	39.41 1.36 0.00	35.97 1.05 0.00	36.22 1.03 0.00	31.42 0.91 0.00	29.77 0.94 0.00	32.39 0.99 0.00	37.16 1.02 0.00	34.56 1.25 0.00	27.62 1.19 0.00	24.64 1.25 0.00	32.89 1.71 0.00	35.25 1.74 0.00	38.99 1.70 0.00	37.97 1.61 0.00	39.53 1.59 0.00	39.52 1.34 0.00	40.82 1.38 0.00	54.85 1.65 0.00	64.70 2.14 0.00	38.79 1.41 0.00	38.75 1.48 0.00	37.22 1.31 0.00	34.71 1.13 0.00
GOWANUS_GT4_3 24132	39.48 1.45 0.00	39.41 1.36 0.00	35.97 1.05 0.00	36.22 1.03 0.00	31.42 0.91 0.00	29.77 0.94 0.00	32.39 0.99 0.00	37.16 1.02 0.00	34.56 1.25 0.00	27.62 1.19 0.00	24.64 1.25 0.00	32.89 1.71 0.00	35.25 1.74 0.00	38.99 1.70 0.00	37.97 1.61 0.00	39.53 1.59 0.00	39.52 1.34 0.00	40.82 1.38 0.00	54.85 1.65 0.00	64.70 2.14 0.00	38.79 1.41 0.00	38.75 1.48 0.00	37.22 1.31 0.00	34.71 1.13 0.00
GOWANUS_GT4_4 24133	39.48 1.45 0.00	39.41 1.36 0.00	35.97 1.05 0.00	36.22 1.03 0.00	31.42 0.91 0.00	29.77 0.94 0.00	32.39 0.99 0.00	37.16 1.02 0.00	34.56 1.25 0.00	27.62 1.19 0.00	24.64 1.25 0.00	32.89 1.71 0.00	35.25 1.74 0.00	38.99 1.70 0.00	37.97 1.61 0.00	39.53 1.59 0.00	39.52 1.34 0.00	40.82 1.38 0.00	54.85 1.65 0.00	64.70 2.14 0.00	38.79 1.41 0.00	38.75 1.48 0.00	37.22 1.31 0.00	34.71 1.13 0.00

GOWANUS_GT4_5 24134	39.48 1.45 0.00	39.41 1.36 0.00	35.97 1.05 0.00	36.22 1.03 0.00	31.42 0.91 0.00	29.77 0.94 0.00	32.39 0.99 0.00	37.16 1.02 0.00	34.56 1.25 0.00	27.62 1.19 0.00	24.64 1.25 0.00	32.89 1.71 0.00	35.25 1.74 0.00	38.99 1.70 0.00	37.97 1.61 0.00	39.53 1.59 0.00	39.52 1.34 0.00	40.82 1.38 0.00	54.85 1.65 0.00	64.70 2.14 0.00	38.79 1.41 0.00	38.75 1.48 0.00	37.22 1.31 0.00	34.71 1.13 0.00
GOWANUS_GT4_6 24135	39.48 1.45 0.00	39.41 1.36 0.00	35.97 1.05 0.00	36.22 1.03 0.00	31.42 0.91 0.00	29.77 0.94 0.00	32.39 0.99 0.00	37.16 1.02 0.00	34.56 1.25 0.00	27.62 1.19 0.00	24.64 1.25 0.00	32.89 1.71 0.00	35.25 1.74 0.00	38.99 1.70 0.00	37.97 1.61 0.00	39.53 1.59 0.00	39.52 1.34 0.00	40.82 1.38 0.00	54.85 1.65 0.00	64.70 2.14 0.00	38.79 1.41 0.00	38.75 1.48 0.00	37.22 1.31 0.00	34.71 1.13 0.00
GOWANUS_GT4_7 24136	39.48 1.45 0.00	39.41 1.36 0.00	35.97 1.05 0.00	36.22 1.03 0.00	31.42 0.91 0.00	29.77 0.94 0.00	32.39 0.99 0.00	37.16 1.02 0.00	34.56 1.25 0.00	27.62 1.19 0.00	24.64 1.25 0.00	32.89 1.71 0.00	35.25 1.74 0.00	38.99 1.70 0.00	37.97 1.61 0.00	39.53 1.59 0.00	39.52 1.34 0.00	40.82 1.38 0.00	54.85 1.65 0.00	64.70 2.14 0.00	38.79 1.41 0.00	38.75 1.48 0.00	37.22 1.31 0.00	34.71 1.13 0.00
GOWANUS_GT4_8 24137	39.48 1.45 0.00	39.41 1.36 0.00	35.97 1.05 0.00	36.22 1.03 0.00	31.42 0.91 0.00	29.77 0.94 0.00	32.39 0.99 0.00	37.16 1.02 0.00	34.56 1.25 0.00	27.62 1.19 0.00	24.64 1.25 0.00	32.89 1.71 0.00	35.25 1.74 0.00	38.99 1.70 0.00	37.97 1.61 0.00	39.53 1.59 0.00	39.52 1.34 0.00	40.82 1.38 0.00	54.85 1.65 0.00	64.70 2.14 0.00	38.79 1.41 0.00	38.75 1.48 0.00	37.22 1.31 0.00	34.71 1.13 0.00
GREATVR_69_KV_BK1 356245	39.66 1.63 0.00	39.10 1.04 0.00	35.80 0.89 0.00	36.04 0.84 0.00	31.20 0.69 0.00	29.63 0.80 0.00	32.08 0.67 0.00	36.76 0.63 0.00	34.07 0.77 0.01	27.28 0.86 0.00	24.89 1.45 -0.05	33.27 2.07 -0.02	35.99 2.24 -0.24	39.72 2.43 0.00	38.37 2.01 0.00	39.54 1.60 0.00	39.64 1.46 0.00	40.86 1.42 0.00	54.49 1.31 0.03	47.69 1.74 16.62	38.64 1.26 0.00	38.57 1.29 0.00	36.91 1.00 0.00	34.40 0.81 0.00
GREENBSH_115KV_TB3 55895	38.15 0.13 0.00	38.16 0.10 0.00	34.94 0.03 0.00	35.25 0.05 0.00	30.66 0.15 0.00	28.91 0.08 0.00	31.50 0.09 0.00	36.22 0.08 0.00	33.34 0.03 0.00	26.53 0.11 0.00	23.59 0.20 0.00	31.50 0.32 0.00	33.73 0.23 0.00	37.51 0.22 0.00	36.62 0.25 0.00	38.31 0.37 0.00	38.56 0.38 0.00	39.74 0.30 0.00	53.33 0.13 0.00	62.81 0.24 0.00	37.70 0.33 0.00	37.57 0.29 0.00	36.03 0.11 0.00	33.60 0.02 0.00
GREENDGE_115KV_TB5 80291	37.98 -0.04 0.00	37.94 -0.12 0.00	34.77 -0.15 0.00	34.99 -0.20 0.00	30.28 -0.23 0.00	28.81 -0.02 0.00	31.40 0.00 0.00	36.26 0.12 0.00	33.47 0.16 0.00	26.29 -0.14 0.00	23.08 -0.31 0.00	30.60 -0.58 0.00	32.88 -0.63 0.00	36.67 -0.62 0.00	35.82 -0.54 0.00	37.42 -0.52 0.00	37.64 -0.54 0.00	38.85 -0.59 0.00	53.00 -0.20 0.00	62.39 -0.18 0.00	37.21 -0.16 0.00	37.20 -0.08 0.00	35.88 -0.03 0.00	33.63 0.05 0.00
GREENIDGE___3 23582	37.98 -0.04 0.00	37.94 -0.12 0.00	34.77 -0.15 0.00	34.99 -0.20 0.00	30.28 -0.23 0.00	28.81 -0.02 0.00	31.40 0.00 0.00	36.26 0.12 0.00	33.47 0.16 0.00	26.29 -0.14 0.00	23.08 -0.31 0.00	30.60 -0.58 0.00	32.88 -0.63 0.00	36.67 -0.62 0.00	35.82 -0.54 0.00	37.42 -0.52 0.00	37.64 -0.54 0.00	38.85 -0.59 0.00	53.00 -0.20 0.00	62.39 -0.18 0.00	37.21 -0.16 0.00	37.20 -0.08 0.00	35.88 -0.03 0.00	33.63 0.05 0.00
GREENIDGE___4 23583	37.98 -0.04 0.00	37.94 -0.12 0.00	34.76 -0.16 0.00	34.99 -0.20 0.00	30.28 -0.22 0.00	28.81 -0.02 0.00	31.40 0.00 0.00	36.27 0.13 0.00	33.47 0.16 0.00	26.29 -0.13 0.00	23.08 -0.31 0.00	30.60 -0.58 0.00	32.88 -0.63 0.00	36.67 -0.62 0.00	35.82 -0.54 0.00	37.43 -0.52 0.00	37.64 -0.54 0.00	38.85 -0.59 0.00	53.00 -0.20 0.00	62.39 -0.18 0.00	37.21 -0.17 0.00	37.20 -0.08 0.00	35.88 -0.03 0.00	33.63 0.05 0.00
GREENLWN_69_KV_BK 3 55738	39.00 0.97 0.00	38.50 0.45 0.00	35.31 0.39 0.00	35.53 0.34 0.00	30.77 0.27 0.00	29.20 0.36 0.00	31.61 0.20 0.00	36.20 0.07 0.00	33.52 0.22 0.01	26.87 0.45 0.00	24.48 1.04 -0.05	32.81 1.63 0.00	35.43 1.71 -0.21	39.00 1.70 0.00	37.69 1.33 0.00	38.80 0.86 0.00	38.82 0.64 0.00	40.04 0.60 0.00	53.51 0.34 0.03	46.35 0.66 16.88	37.91 0.53 0.00	37.88 0.60 0.00	36.31 0.40 0.00	33.88 0.29 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	39.48 1.45 0.00	39.41 1.36 0.00	35.97 1.05 0.00	36.22 1.03 0.00	31.42 0.91 0.00	29.77 0.94 0.00	32.39 0.99 0.00	37.16 1.02 0.00	34.56 1.25 0.00	27.62 1.19 0.00	24.64 1.25 0.00	32.89 1.71 0.00	35.25 1.74 0.00	38.99 1.70 0.00	37.97 1.61 0.00	39.53 1.59 0.00	39.52 1.34 0.00	40.82 1.38 0.00	54.85 1.65 0.00	64.70 2.14 0.00	38.79 1.41 0.00	38.75 1.48 0.00	37.22 1.31 0.00	34.71 1.13 0.00
GRISSOM___SOLAR 323813	38.88 0.85 0.00	38.94 0.88 0.00	35.69 0.77 0.00	35.93 0.74 0.00	31.14 0.63 0.00	29.43 0.60 0.00	32.09 0.69 0.00	36.95 0.81 0.00	33.53 0.21 0.00	26.08 -0.35 0.00	23.35 -0.04 0.00	31.22 0.04 0.00	33.61 0.11 0.00	37.44 0.15 0.00	36.36 0.00 0.00	38.18 0.23 0.00	38.84 0.66 0.00	40.58 1.14 0.00	54.80 1.60 0.00	64.49 1.93 0.00	38.47 1.09 0.00	38.30 1.03 0.00	36.79 0.87 0.00	34.30 0.72 0.00
GROVEVILLE___HYD 323602	39.63 1.61 0.00	39.55 1.50 0.00	36.13 1.21 0.00	36.41 1.22 0.00	31.57 1.06 0.00	29.84 1.02 0.00	32.50 1.09 0.00	37.38 1.25 0.00	34.62 1.31 0.00	27.64 1.22 0.00	24.64 1.25 0.00	32.93 1.75 0.00	35.37 1.86 0.00	39.30 2.01 0.00	38.31 1.95 0.00	39.92 1.98 0.00	40.10 1.92 0.00	41.40 1.96 0.00	55.65 2.45 0.00	65.63 3.07 0.00	39.30 1.92 0.00	39.22 1.94 0.00	37.55 1.63 0.00	34.96 1.37 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	37.72 -0.31 0.00	37.76 -0.29 0.00	34.61 -0.31 0.00	34.87 -0.32 0.00	30.22 -0.29 0.00	28.58 -0.25 0.00	31.15 -0.26 0.00	35.88 -0.26 0.00	33.08 -0.23 0.00	26.16 -0.26 0.00	23.06 -0.33 0.00	30.68 -0.50 0.00	32.98 -0.53 0.00	36.72 -0.57 0.00	35.87 -0.50 0.00	37.46 -0.49 0.00	37.72 -0.46 0.00	39.03 -0.41 0.00	52.79 -0.41 0.00	62.02 -0.54 0.00	37.02 -0.36 0.00	36.95 -0.33 0.00	35.62 -0.29 0.00	33.32 -0.27 0.00
HAMLTNNY_34_KV_TB 80303	37.78 -0.25 0.00	37.85 -0.21 0.00	34.66 -0.25 0.00	34.95 -0.25 0.00	30.27 -0.24 0.00	28.66 -0.17 0.00	31.23 -0.17 0.00	35.97 -0.16 0.00	33.17 -0.14 0.00	26.20 -0.22 0.00	23.07 -0.32 0.00	30.62 -0.55 0.00	32.91 -0.60 0.00	36.68 -0.61 0.00	35.82 -0.55 0.00	37.41 -0.53 0.00	37.65 -0.53 0.00	39.05 -0.39 0.00	52.89 -0.31 0.00	62.14 -0.43 0.00	37.08 -0.30 0.00	36.99 -0.28 0.00	35.68 -0.23 0.00	33.42 -0.17 0.00

HAMPSHIRE___PAPER_HYD 323593	38.89 0.86 0.00	38.78 0.73 0.00	35.59 0.68 0.00	36.02 0.83 0.00	31.30 0.79 0.00	29.62 0.80 0.00	32.27 0.87 0.00	37.26 1.13 0.00	34.15 0.84 0.00	26.76 0.34 0.00	23.48 0.09 0.00	31.25 0.08 0.00	33.62 0.12 0.00	37.32 0.03 0.00	36.25 -0.11 0.00	37.85 -0.09 0.00	38.55 0.37 0.00	39.98 0.54 0.00	54.62 1.42 0.00	64.22 1.66 0.00	38.21 0.84 0.00	38.07 0.80 0.00	36.79 0.88 0.00	34.43 0.84 0.00
HARDSCRABBLE_WT_PWR 323673	39.37 1.34 0.00	39.47 1.42 0.00	36.12 1.20 0.00	36.36 1.17 0.00	31.60 1.09 0.00	29.81 0.98 0.00	32.53 1.12 0.00	37.36 1.22 0.00	33.92 0.60 0.00	26.67 0.25 0.00	23.55 0.16 0.00	31.73 0.55 0.00	33.98 0.48 0.00	37.83 0.54 0.00	36.99 0.63 0.00	38.73 0.79 0.00	39.55 1.37 0.00	41.25 1.82 0.00	55.52 2.32 0.00	65.23 2.67 0.00	38.99 1.62 0.00	38.65 1.37 0.00	36.90 0.99 0.00	34.39 0.81 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	39.49 1.46 0.00	39.41 1.35 0.00	35.98 1.06 0.00	36.27 1.08 0.00	31.42 0.92 0.00	29.72 0.89 0.00	32.35 0.94 0.00	37.20 1.06 0.00	34.50 1.19 0.00	27.51 1.09 0.00	24.51 1.12 0.00	32.80 1.62 0.00	35.22 1.71 0.00	39.13 1.84 0.00	38.14 1.78 0.00	39.74 1.80 0.00	39.91 1.73 0.00	41.19 1.75 0.00	55.47 2.26 0.00	65.45 2.89 0.00	39.16 1.79 0.00	39.11 1.83 0.00	37.45 1.54 0.00	34.87 1.29 0.00
HARSNRAD_115KV_TB1 81005	37.27 -0.76 0.00	37.52 -0.54 0.00	34.42 -0.50 0.00	34.61 -0.58 0.00	29.80 -0.71 0.00	28.63 -0.19 0.00	30.97 -0.43 0.00	35.77 -0.37 0.00	33.07 -0.23 0.00	26.29 -0.13 0.00	23.04 -0.35 0.00	30.07 -1.11 0.00	32.40 -1.11 0.00	36.10 -1.20 0.00	35.27 -1.09 0.00	36.28 -1.66 0.00	35.61 -2.57 0.00	36.43 -3.01 0.00	49.68 -3.52 0.00	57.86 -4.70 0.00	34.32 -3.06 0.00	34.68 -2.60 0.00	34.38 -1.53 0.00	32.98 -0.60 0.00
HARZA MOOSE___RIVER 24016	38.70 0.67 0.00	38.58 0.52 0.00	35.38 0.47 0.00	35.85 0.66 0.00	31.15 0.64 0.00	29.44 0.61 0.00	32.05 0.64 0.00	37.01 0.88 0.00	33.94 0.63 0.00	26.67 0.24 0.00	23.44 0.05 0.00	31.18 0.01 0.00	33.53 0.03 0.00	37.27 -0.02 0.00	36.30 -0.06 0.00	38.03 0.08 0.00	38.51 0.33 0.00	40.06 0.62 0.00	54.63 1.43 0.00	64.25 1.69 0.00	38.22 0.83 0.00	37.95 0.68 0.00	36.55 0.64 0.00	34.16 0.58 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	37.49 -0.54 0.00	37.52 -0.54 0.00	34.40 -0.51 0.00	34.65 -0.54 0.00	30.03 -0.48 0.00	28.40 -0.42 0.00	30.94 -0.46 0.00	35.65 -0.49 0.00	32.87 -0.44 0.00	26.02 -0.40 0.00	22.95 -0.44 0.00	30.55 -0.63 0.00	32.81 -0.69 0.00	36.55 -0.74 0.00	35.68 -0.68 0.00	37.27 -0.67 0.00	37.49 -0.70 0.00	38.74 -0.70 0.00	52.36 -0.84 0.00	61.52 -1.05 0.00	36.73 -0.64 0.00	36.65 -0.62 0.00	35.38 -0.53 0.00	33.10 -0.48 0.00
HELLGATE_13_KV_LD 55870	39.74 1.71 0.00	39.67 1.61 0.00	36.19 1.28 0.00	36.37 1.17 0.00	31.56 1.05 0.00	29.93 1.10 0.00	32.57 1.16 0.00	37.35 1.22 0.00	34.70 1.39 0.00	27.75 1.32 0.00	24.77 1.39 0.00	33.12 1.94 0.00	35.54 2.03 0.00	39.33 2.04 0.00	38.27 1.91 0.00	39.82 1.88 0.00	39.87 1.69 0.00	41.13 1.69 0.00	55.23 2.03 0.00	65.11 2.54 0.00	39.04 1.66 0.00	39.01 1.74 0.00	37.46 1.54 0.00	34.94 1.36 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	39.74 1.71 0.00	39.67 1.61 0.00	36.19 1.28 0.00	36.37 1.17 0.00	31.56 1.05 0.00	29.93 1.10 0.00	32.57 1.16 0.00	37.35 1.22 0.00	34.70 1.39 0.00	27.75 1.32 0.00	24.77 1.39 0.00	33.12 1.94 0.00	35.54 2.03 0.00	39.33 2.04 0.00	38.27 1.91 0.00	39.82 1.88 0.00	39.87 1.69 0.00	41.13 1.69 0.00	55.23 2.03 0.00	65.11 2.54 0.00	39.04 1.66 0.00	39.01 1.74 0.00	37.46 1.54 0.00	34.94 1.36 0.00
HEMPSTEAD____ 23647	39.25 1.22 0.00	38.89 0.83 0.00	35.58 0.67 0.00	35.82 0.63 0.00	31.04 0.53 0.00	29.43 0.59 0.00	31.88 0.48 0.00	36.59 0.46 0.00	33.90 0.60 0.01	27.15 0.73 0.00	24.73 1.13 -0.22	33.32 1.72 -0.42	36.26 1.81 -0.94	39.12 1.82 0.00	37.90 1.54 0.00	39.25 1.30 0.00	39.35 1.17 0.00	40.53 1.09 0.00	54.27 1.09 0.02	55.82 1.57 8.31	38.45 1.07 0.00	38.46 1.18 0.00	36.80 0.89 0.00	34.32 0.73 0.00
HICKLING___1 23621	37.96 -0.07 0.00	38.00 -0.06 0.00	34.70 -0.21 0.00	34.86 -0.33 0.00	30.17 -0.34 0.00	28.68 -0.14 0.00	31.29 -0.11 0.00	36.13 -0.01 0.00	33.41 0.10 0.00	26.33 -0.09 0.00	23.13 -0.25 0.00	30.80 -0.38 0.00	33.06 -0.45 0.00	36.84 -0.46 0.00	35.93 -0.43 0.00	37.42 -0.52 0.00	37.61 -0.57 0.00	38.73 -0.71 0.00	52.66 -0.54 0.00	62.02 -0.55 0.00	37.05 -0.33 0.00	37.10 -0.18 0.00	35.75 -0.16 0.00	33.46 -0.12 0.00
HICKLING___2 23622	37.96 -0.07 0.00	38.00 -0.06 0.00	34.70 -0.21 0.00	34.86 -0.33 0.00	30.17 -0.34 0.00	28.68 -0.14 0.00	31.29 -0.11 0.00	36.13 -0.01 0.00	33.41 0.10 0.00	26.33 -0.09 0.00	23.13 -0.25 0.00	30.80 -0.38 0.00	33.06 -0.45 0.00	36.84 -0.46 0.00	35.93 -0.43 0.00	37.42 -0.52 0.00	37.61 -0.57 0.00	38.73 -0.71 0.00	52.66 -0.54 0.00	62.02 -0.55 0.00	37.05 -0.33 0.00	37.10 -0.18 0.00	35.75 -0.16 0.00	33.46 -0.12 0.00
HIGH FALLS___HY 23754	39.70 1.67 0.00	39.62 1.57 0.00	36.20 1.28 0.00	36.46 1.27 0.00	31.58 1.07 0.00	29.85 1.03 0.00	32.51 1.10 0.00	37.41 1.28 0.00	34.72 1.41 0.00	27.74 1.31 0.00	24.68 1.29 0.00	32.93 1.75 0.00	35.33 1.82 0.00	39.00 1.71 0.00	38.03 1.67 0.00	39.71 1.76 0.00	39.91 1.73 0.00	41.24 1.80 0.00	55.56 2.36 0.00	65.89 3.33 0.00	39.41 2.03 0.00	39.35 2.07 0.00	37.67 1.76 0.00	35.05 1.47 0.00
HIGH_RIVER___SOLAR 323847	38.80 0.77 0.00	38.85 0.80 0.00	35.61 0.69 0.00	35.86 0.67 0.00	31.06 0.56 0.00	29.35 0.52 0.00	32.01 0.60 0.00	36.81 0.68 0.00	33.43 0.12 0.00	26.26 -0.17 0.00	23.26 -0.13 0.00	31.11 -0.07 0.00	33.49 -0.02 0.00	37.29 0.00 0.00	36.24 -0.12 0.00	37.99 0.05 0.00	38.54 0.36 0.00	40.37 0.93 0.00	54.60 1.40 0.00	64.27 1.71 0.00	38.35 0.98 0.00	38.17 0.90 0.00	36.68 0.77 0.00	34.21 0.62 0.00
HILLBURN___GT 23639	39.31 1.29 0.00	39.23 1.17 0.00	35.79 0.88 0.00	36.09 0.90 0.00	31.28 0.77 0.00	29.59 0.76 0.00	32.19 0.78 0.00	37.01 0.88 0.00	34.34 1.03 0.00	27.39 0.96 0.00	24.42 1.03 0.00	32.69 1.51 0.00	35.10 1.59 0.00	38.98 1.69 0.00	37.96 1.60 0.00	39.53 1.58 0.00	39.68 1.50 0.00	40.97 1.53 0.00	55.16 1.96 0.00	65.08 2.52 0.00	38.95 1.57 0.00	38.91 1.63 0.00	37.27 1.36 0.00	34.71 1.13 0.00
HILLSIDE_115KV_TB1 80332	37.61 -0.42 0.00	37.64 -0.42 0.00	34.35 -0.56 0.00	34.55 -0.64 0.00	29.91 -0.60 0.00	28.38 -0.45 0.00	30.97 -0.44 0.00	35.74 -0.40 0.00	33.04 -0.27 0.00	26.08 -0.34 0.00	22.98 -0.41 0.00	30.67 -0.51 0.00	32.88 -0.63 0.00	36.62 -0.67 0.00	35.64 -0.72 0.00	37.13 -0.81 0.00	37.34 -0.84 0.00	38.50 -0.94 0.00	52.25 -0.95 0.00	61.52 -1.05 0.00	36.76 -0.62 0.00	36.81 -0.47 0.00	35.44 -0.47 0.00	33.14 -0.45 0.00

HISHELDN_WT_PWR 323625	37.13 -0.90 0.00	37.42 -0.63 0.00	34.35 -0.57 0.00	34.47 -0.72 0.00	29.77 -0.74 0.00	28.55 -0.28 0.00	30.96 -0.44 0.00	35.75 -0.38 0.00	33.06 -0.25 0.00	26.13 -0.30 0.00	22.85 -0.53 0.00	30.02 -1.16 0.00	32.40 -1.11 0.00	36.14 -1.16 0.00	35.26 -1.11 0.00	36.28 -1.66 0.00	35.87 -2.32 0.00	36.77 -2.67 0.00	50.25 -2.95 0.00	58.78 -3.78 0.00	34.92 -2.45 0.00	35.30 -1.98 0.00	34.63 -1.28 0.00	32.81 -0.77 0.00
HOLTSVILLE_IC_1 23690	39.27 1.25 0.00	38.72 0.66 0.00	35.43 0.51 0.00	35.64 0.45 0.00	30.86 0.35 0.00	29.32 0.49 0.00	31.74 0.34 0.00	36.38 0.24 0.00	33.63 0.33 0.01	26.89 0.47 0.00	24.58 1.15 -0.03	32.82 1.68 0.04	35.45 1.79 -0.14	39.13 1.84 0.00	37.81 1.45 0.00	38.94 1.00 0.00	39.01 0.83 0.00	40.23 0.79 0.00	53.61 0.44 0.03	45.76 0.78 17.59	38.08 0.70 0.00	38.00 0.73 0.00	36.36 0.44 0.00	33.86 0.27 0.00
HOLTSVILLE_IC_10 23699	39.43 1.40 0.00	38.87 0.81 0.00	35.56 0.65 0.00	35.77 0.58 0.00	30.97 0.46 0.00	29.43 0.60 0.00	31.87 0.46 0.00	36.51 0.38 0.00	33.77 0.46 0.01	27.02 0.59 0.00	24.69 1.27 -0.04	32.99 1.83 0.02	35.64 1.97 -0.17	39.34 2.05 0.00	38.00 1.64 0.00	39.14 1.20 0.00	39.22 1.04 0.00	40.45 1.01 0.00	53.86 0.69 0.03	46.30 1.08 17.35	38.26 0.88 0.00	38.21 0.93 0.00	36.54 0.63 0.00	34.03 0.44 0.00
HOLTSVILLE_IC_2 23691	39.27 1.25 0.00	38.72 0.66 0.00	35.43 0.51 0.00	35.64 0.45 0.00	30.86 0.35 0.00	29.32 0.49 0.00	31.74 0.34 0.00	36.38 0.24 0.00	33.63 0.33 0.01	26.89 0.47 0.00	24.58 1.15 -0.03	32.82 1.68 0.04	35.45 1.79 -0.14	39.13 1.84 0.00	37.81 1.45 0.00	38.94 1.00 0.00	39.01 0.83 0.00	40.23 0.79 0.00	53.61 0.44 0.03	45.76 0.78 17.59	38.08 0.70 0.00	38.00 0.73 0.00	36.36 0.44 0.00	33.86 0.27 0.00
HOLTSVILLE_IC_3 23692	39.27 1.25 0.00	38.72 0.66 0.00	35.43 0.51 0.00	35.64 0.45 0.00	30.86 0.35 0.00	29.32 0.49 0.00	31.74 0.34 0.00	36.38 0.24 0.00	33.63 0.33 0.01	26.89 0.47 0.00	24.58 1.15 -0.03	32.82 1.68 0.04	35.45 1.79 -0.14	39.13 1.84 0.00	37.81 1.45 0.00	38.94 1.00 0.00	39.01 0.83 0.00	40.23 0.79 0.00	53.61 0.44 0.03	45.76 0.78 17.59	38.08 0.70 0.00	38.00 0.73 0.00	36.36 0.44 0.00	33.86 0.27 0.00
HOLTSVILLE_IC_4 23693	39.27 1.25 0.00	38.72 0.66 0.00	35.43 0.51 0.00	35.64 0.45 0.00	30.86 0.35 0.00	29.32 0.49 0.00	31.74 0.34 0.00	36.38 0.24 0.00	33.63 0.33 0.01	26.89 0.47 0.00	24.58 1.15 -0.03	32.82 1.68 0.04	35.45 1.79 -0.14	39.13 1.84 0.00	37.81 1.45 0.00	38.94 1.00 0.00	39.01 0.83 0.00	40.23 0.79 0.00	53.61 0.44 0.03	45.76 0.78 17.59	38.08 0.70 0.00	38.00 0.73 0.00	36.36 0.44 0.00	33.86 0.27 0.00
HOLTSVILLE_IC_5 23694	39.27 1.25 0.00	38.72 0.66 0.00	35.43 0.51 0.00	35.64 0.45 0.00	30.86 0.35 0.00	29.32 0.49 0.00	31.74 0.34 0.00	36.38 0.24 0.00	33.63 0.33 0.01	26.89 0.47 0.00	24.58 1.15 -0.03	32.82 1.68 0.04	35.45 1.79 -0.14	39.13 1.84 0.00	37.81 1.45 0.00	38.94 1.00 0.00	39.01 0.83 0.00	40.23 0.79 0.00	53.61 0.44 0.03	45.76 0.78 17.59	38.08 0.70 0.00	38.00 0.73 0.00	36.36 0.44 0.00	33.86 0.27 0.00
HOLTSVILLE_IC_6 23695	39.43 1.40 0.00	38.87 0.81 0.00	35.56 0.65 0.00	35.77 0.58 0.00	30.97 0.46 0.00	29.43 0.60 0.00	31.87 0.46 0.00	36.51 0.38 0.00	33.77 0.46 0.01	27.02 0.59 0.00	24.69 1.27 -0.04	32.99 1.83 0.02	35.64 1.97 -0.17	39.34 2.05 0.00	38.00 1.64 0.00	39.14 1.20 0.00	39.22 1.04 0.00	40.45 1.01 0.00	53.86 0.69 0.03	46.30 1.08 17.35	38.26 0.88 0.00	38.21 0.93 0.00	36.54 0.63 0.00	34.03 0.44 0.00
HOLTSVILLE_IC_7 23696	39.43 1.40 0.00	38.87 0.81 0.00	35.56 0.65 0.00	35.77 0.58 0.00	30.97 0.46 0.00	29.43 0.60 0.00	31.87 0.46 0.00	36.51 0.38 0.00	33.77 0.46 0.01	27.02 0.59 0.00	24.69 1.27 -0.04	32.99 1.83 0.02	35.64 1.97 -0.17	39.34 2.05 0.00	38.00 1.64 0.00	39.14 1.20 0.00	39.22 1.04 0.00	40.45 1.01 0.00	53.86 0.69 0.03	46.30 1.08 17.35	38.26 0.88 0.00	38.21 0.93 0.00	36.54 0.63 0.00	34.03 0.44 0.00
HOLTSVILLE_IC_8 23697	39.43 1.40 0.00	38.87 0.81 0.00	35.56 0.65 0.00	35.77 0.58 0.00	30.97 0.46 0.00	29.43 0.60 0.00	31.87 0.46 0.00	36.51 0.38 0.00	33.77 0.46 0.01	27.02 0.59 0.00	24.69 1.27 -0.04	32.99 1.83 0.02	35.64 1.97 -0.17	39.34 2.05 0.00	38.00 1.64 0.00	39.14 1.20 0.00	39.22 1.04 0.00	40.45 1.01 0.00	53.86 0.69 0.03	46.30 1.08 17.35	38.26 0.88 0.00	38.21 0.93 0.00	36.54 0.63 0.00	34.03 0.44 0.00
HOLTSVILLE_IC_9 23698	39.43 1.40 0.00	38.87 0.81 0.00	35.56 0.65 0.00	35.77 0.58 0.00	30.97 0.46 0.00	29.43 0.60 0.00	31.87 0.46 0.00	36.51 0.38 0.00	33.77 0.46 0.01	27.02 0.59 0.00	24.69 1.27 -0.04	32.99 1.83 0.02	35.64 1.97 -0.17	39.34 2.05 0.00	38.00 1.64 0.00	39.14 1.20 0.00	39.22 1.04 0.00	40.45 1.01 0.00	53.86 0.69 0.03	46.30 1.08 17.35	38.26 0.88 0.00	38.21 0.93 0.00	36.54 0.63 0.00	34.03 0.44 0.00
HOMER_HL_115KV_TB2 355744	37.75 -0.28 0.00	37.98 -0.08 0.00	34.69 -0.22 0.00	34.92 -0.28 0.00	30.15 -0.35 0.00	28.87 0.04 0.00	31.29 -0.12 0.00	36.15 0.01 0.00	33.51 0.20 0.00	26.58 0.16 0.00	23.32 -0.07 0.00	30.70 -0.48 0.00	32.79 -0.72 0.00	36.60 -0.69 0.00	35.61 -0.76 0.00	36.70 -1.24 0.00	36.54 -1.64 0.00	37.63 -1.81 0.00	51.34 -1.86 0.00	60.16 -2.40 0.00	35.82 -1.56 0.00	36.16 -1.11 0.00	35.31 -0.60 0.00	33.59 0.00 0.00
HOWARD_WT_PWR 323690	37.07 -0.96 0.00	37.43 -0.63 0.00	34.05 -0.87 0.00	34.00 -1.20 0.00	29.43 -1.08 0.00	28.32 -0.51 0.00	30.68 -0.72 0.00	35.54 -0.60 0.00	33.02 -0.29 0.00	26.01 -0.42 0.00	22.67 -0.72 0.00	30.02 -1.16 0.00	32.35 -1.16 0.00	36.05 -1.24 0.00	35.27 -1.09 0.00	36.44 -1.50 0.00	36.17 -2.01 0.00	36.98 -2.46 0.00	50.73 -2.47 0.00	60.24 -2.32 0.00	36.27 -1.11 0.00	36.26 -1.01 0.00	34.85 -1.06 0.00	32.75 -0.83 0.00
HQ_GEN_CEDARS 23644	38.71 0.69 0.00	38.73 0.68 0.00	35.58 0.67 0.00	35.87 0.68 0.00	31.10 0.59 0.00	29.45 0.62 0.00	32.09 0.68 0.00	36.92 0.78 0.00	34.00 0.69 0.00	26.92 0.50 0.00	23.77 0.38 0.00	31.68 0.50 0.00	34.11 0.60 0.00	37.97 0.67 0.00	36.97 0.61 0.00	38.52 0.58 0.00	38.80 0.61 0.00	40.08 0.64 0.00	54.22 1.02 0.00	63.82 1.26 0.00	37.98 0.61 0.00	37.86 0.59 0.00	36.62 0.71 0.00	34.36 0.78 0.00
HQ_GEN_CEDARS_PROXY 323590	38.71 0.69 0.00	38.73 0.68 0.00	35.58 0.67 0.00	35.87 0.68 0.00	31.10 0.59 0.00	29.45 0.62 0.00	32.09 0.68 0.00	36.79 0.78 0.13	34.01 0.69 0.00	26.92 0.50 0.00	23.77 0.38 0.00	31.68 0.50 0.00	34.11 0.60 0.00	37.97 0.67 0.00	36.97 0.61 0.00	38.52 0.58 0.00	38.79 0.61 0.00	40.08 0.64 0.00	54.22 1.01 0.00	63.82 1.26 0.00	37.98 0.60 0.00	37.86 0.59 0.00	36.62 0.71 0.00	34.36 0.78 0.00

HQ_GEN_IMPORT 323601	38.32 0.29 0.00	38.34 0.28 0.00	35.20 0.28 0.00	35.49 0.29 0.00	30.76 0.25 0.00	29.10 0.27 0.00	31.69 0.29 0.00	36.46 0.33 0.00	33.61 0.30 0.00	26.67 0.24 0.00	23.59 0.20 0.00	31.44 0.26 0.00	33.83 0.32 0.00	37.65 0.36 0.00	36.68 0.32 0.00	38.24 0.30 0.00	38.49 0.31 0.00	39.78 0.34 0.00	53.73 0.52 0.00	63.14 0.57 0.00	37.64 0.26 0.00	37.50 0.23 0.00	36.21 0.30 0.00	33.92 0.33 0.00
HQ_GEN_WHEEL 23651	38.32 0.29 0.00	38.34 0.28 0.00	35.20 0.28 0.00	35.49 0.29 0.00	30.76 0.25 0.00	29.10 0.27 0.00	31.69 0.29 0.00	36.46 0.33 0.00	33.61 0.30 0.00	26.67 0.24 0.00	23.59 0.20 0.00	31.44 0.26 0.00	33.83 0.32 0.00	37.65 0.36 0.00	36.68 0.32 0.00	38.24 0.30 0.00	38.49 0.31 0.00	39.78 0.34 0.00	53.73 0.52 0.00	63.14 0.57 0.00	37.64 0.26 0.00	37.50 0.23 0.00	36.21 0.30 0.00	33.92 0.33 0.00
HUDSON AVE_GT_3 23810	39.58 1.56 0.00	39.48 1.42 0.00	36.04 1.12 0.00	36.33 1.14 0.00	31.52 1.01 0.00	29.83 1.00 0.00	32.46 1.06 0.00	37.28 1.14 0.00	34.59 1.28 0.00	27.64 1.22 0.00	24.66 1.28 0.00	32.99 1.82 0.00	35.44 1.94 0.00	39.29 2.00 0.00	38.23 1.87 0.00	39.76 1.81 0.00	39.85 1.67 0.00	41.14 1.70 0.00	55.26 2.06 0.00	65.15 2.59 0.00	39.03 1.65 0.00	39.02 1.75 0.00	37.42 1.50 0.00	34.86 1.28 0.00
HUDSON AVE_GT_4 23540	39.58 1.56 0.00	39.48 1.42 0.00	36.04 1.12 0.00	36.33 1.14 0.00	31.52 1.01 0.00	29.83 1.00 0.00	32.46 1.06 0.00	37.28 1.14 0.00	34.59 1.28 0.00	27.64 1.22 0.00	24.66 1.28 0.00	32.99 1.82 0.00	35.44 1.94 0.00	39.29 2.00 0.00	38.23 1.87 0.00	39.76 1.81 0.00	39.85 1.67 0.00	41.14 1.70 0.00	55.26 2.06 0.00	65.15 2.59 0.00	39.03 1.65 0.00	39.02 1.75 0.00	37.42 1.50 0.00	34.86 1.28 0.00
HUDSON AVE_GT_5 23657	39.58 1.56 0.00	39.48 1.42 0.00	36.04 1.12 0.00	36.33 1.14 0.00	31.52 1.01 0.00	29.83 1.00 0.00	32.46 1.06 0.00	37.28 1.14 0.00	34.59 1.28 0.00	27.64 1.22 0.00	24.66 1.28 0.00	32.99 1.82 0.00	35.44 1.94 0.00	39.29 2.00 0.00	38.23 1.87 0.00	39.76 1.81 0.00	39.85 1.67 0.00	41.14 1.70 0.00	55.26 2.06 0.00	65.15 2.59 0.00	39.03 1.65 0.00	39.02 1.75 0.00	37.42 1.50 0.00	34.86 1.28 0.00
HUDSON_AVE_10 24168	39.37 1.34 0.00	39.26 1.21 0.00	35.86 0.94 0.00	36.14 0.96 0.02	31.34 0.84 0.02	29.66 0.84 0.01	32.29 0.89 0.00	37.08 0.95 0.00	34.41 1.10 0.00	27.49 1.07 0.00	24.53 1.14 0.00	32.84 1.66 0.00	35.28 1.77 0.00	39.12 1.82 0.00	38.06 1.69 0.00	39.59 1.65 0.00	39.65 1.47 0.00	40.94 1.50 0.00	54.99 1.79 0.00	64.83 2.27 0.00	38.84 1.45 0.00	38.84 1.56 0.00	37.25 1.34 0.00	34.69 1.10 0.00
HUDSON___115KV_TB 4 355613	38.80 0.77 0.00	38.79 0.73 0.00	35.53 0.61 0.00	35.82 0.62 0.00	31.14 0.63 0.00	29.37 0.55 0.00	32.03 0.63 0.00	36.87 0.74 0.00	33.94 0.63 0.00	26.94 0.51 0.00	23.86 0.48 0.00	31.92 0.75 0.00	34.16 0.66 0.00	37.88 0.59 0.00	36.93 0.57 0.00	38.97 1.03 0.00	39.39 1.21 0.00	40.64 1.19 0.00	54.58 1.38 0.00	64.18 1.61 0.00	38.47 1.09 0.00	38.29 1.01 0.00	36.68 0.77 0.00	34.18 0.59 0.00
HUNTER MOUNT___DRP 323613	38.86 0.83 0.00	38.85 0.80 0.00	35.58 0.66 0.00	35.87 0.68 0.00	31.20 0.69 0.00	29.43 0.60 0.00	32.10 0.70 0.00	36.97 0.84 0.00	34.04 0.73 0.00	26.99 0.57 0.00	23.89 0.50 0.00	31.95 0.77 0.00	34.23 0.72 0.00	37.93 0.64 0.00	37.00 0.63 0.00	39.06 1.12 0.00	39.52 1.34 0.00	40.82 1.38 0.00	54.79 1.59 0.00	64.35 1.79 0.00	38.56 1.18 0.00	38.37 1.09 0.00	36.75 0.84 0.00	34.22 0.64 0.00
HUNTINGTON_RES_REC 323705	39.14 1.12 0.00	38.61 0.55 0.00	35.37 0.46 0.00	35.59 0.40 0.00	30.81 0.30 0.00	29.26 0.43 0.00	31.68 0.28 0.00	36.28 0.15 0.00	33.60 0.29 0.01	26.91 0.49 0.00	24.56 1.13 -0.04	32.88 1.72 0.02	35.51 1.82 -0.18	39.16 1.87 0.00	37.84 1.47 0.00	38.94 1.00 0.00	38.97 0.79 0.00	40.20 0.76 0.00	53.60 0.43 0.03	46.11 0.75 17.20	38.04 0.66 0.00	37.99 0.71 0.00	36.37 0.46 0.00	33.90 0.32 0.00
HUNTLEY___63 23557	37.50 -0.53 0.00	37.72 -0.34 0.00	34.60 -0.32 0.00	34.79 -0.40 0.00	29.96 -0.55 0.00	28.78 -0.05 0.00	31.14 -0.27 0.00	35.97 -0.17 0.00	33.27 -0.04 0.00	26.46 0.03 0.00	23.20 -0.18 0.00	30.32 -0.86 0.00	32.68 -0.83 0.00	36.41 -0.89 0.00	35.56 -0.80 0.00	36.58 -1.36 0.00	35.95 -2.23 0.00	36.77 -2.67 0.00	50.03 -3.18 0.00	58.25 -4.31 0.00	34.54 -2.84 0.00	34.89 -2.38 0.00	34.54 -1.37 0.00	33.10 -0.48 0.00
HUNTLEY___64 23558	37.50 -0.53 0.00	37.72 -0.34 0.00	34.60 -0.32 0.00	34.79 -0.40 0.00	29.96 -0.55 0.00	28.78 -0.05 0.00	31.14 -0.27 0.00	35.97 -0.17 0.00	33.27 -0.04 0.00	26.46 0.03 0.00	23.20 -0.18 0.00	30.32 -0.86 0.00	32.68 -0.83 0.00	36.41 -0.89 0.00	35.56 -0.80 0.00	36.58 -1.36 0.00	35.95 -2.23 0.00	36.77 -2.67 0.00	50.03 -3.18 0.00	58.25 -4.31 0.00	34.54 -2.84 0.00	34.89 -2.38 0.00	34.54 -1.37 0.00	33.10 -0.48 0.00
HUNTLEY___65 23559	37.50 -0.53 0.00	37.72 -0.34 0.00	34.60 -0.32 0.00	34.79 -0.40 0.00	29.96 -0.55 0.00	28.78 -0.05 0.00	31.14 -0.27 0.00	35.97 -0.17 0.00	33.27 -0.04 0.00	26.46 0.03 0.00	23.20 -0.18 0.00	30.32 -0.86 0.00	32.68 -0.83 0.00	36.41 -0.89 0.00	35.56 -0.80 0.00	36.58 -1.36 0.00	35.95 -2.23 0.00	36.77 -2.67 0.00	50.03 -3.18 0.00	58.25 -4.31 0.00	34.54 -2.84 0.00	34.89 -2.38 0.00	34.54 -1.37 0.00	33.10 -0.48 0.00
HUNTLEY___66 23560	37.50 -0.53 0.00	37.72 -0.34 0.00	34.60 -0.32 0.00	34.79 -0.40 0.00	29.96 -0.55 0.00	28.78 -0.05 0.00	31.14 -0.27 0.00	35.97 -0.17 0.00	33.27 -0.04 0.00	26.46 0.03 0.00	23.20 -0.18 0.00	30.32 -0.86 0.00	32.68 -0.83 0.00	36.41 -0.89 0.00	35.56 -0.80 0.00	36.58 -1.36 0.00	35.95 -2.23 0.00	36.77 -2.67 0.00	50.03 -3.18 0.00	58.25 -4.31 0.00	34.54 -2.84 0.00	34.89 -2.38 0.00	34.54 -1.37 0.00	33.10 -0.48 0.00
HUNTLEY___67 23561	37.27 -0.75 0.00	37.50 -0.55 0.00	34.37 -0.54 0.00	34.56 -0.63 0.00	29.78 -0.73 0.00	28.59 -0.24 0.00	30.93 -0.47 0.00	35.73 -0.41 0.00	33.08 -0.23 0.00	26.31 -0.12 0.00	23.08 -0.31 0.00	30.21 -0.97 0.00	32.54 -0.97 0.00	36.27 -1.02 0.00	35.40 -0.97 0.00	36.40 -1.54 0.00	35.83 -2.35 0.00	36.65 -2.78 0.00	49.89 -3.31 0.00	58.11 -4.45 0.00	34.46 -2.92 0.00	34.79 -2.49 0.00	34.40 -1.51 0.00	32.97 -0.61 0.00
HUNTLEY___68 23562	37.27 -0.75 0.00	37.50 -0.55 0.00	34.37 -0.54 0.00	34.56 -0.63 0.00	29.78 -0.73 0.00	28.59 -0.24 0.00	30.93 -0.47 0.00	35.73 -0.41 0.00	33.08 -0.23 0.00	26.31 -0.12 0.00	23.08 -0.31 0.00	30.21 -0.97 0.00	32.54 -0.97 0.00	36.27 -1.02 0.00	35.40 -0.97 0.00	36.40 -1.54 0.00	35.83 -2.35 0.00	36.65 -2.78 0.00	49.89 -3.31 0.00	58.11 -4.45 0.00	34.46 -2.92 0.00	34.79 -2.49 0.00	34.40 -1.51 0.00	32.97 -0.61 0.00

HYLAND___LFGE 323620	39.22 1.20 0.00	39.29 1.24 0.00	35.95 1.04 0.00	36.09 0.89 0.00	31.19 0.68 0.00	29.82 0.99 0.00	32.47 1.06 0.00	37.60 1.47 0.00	34.79 1.48 0.00	27.11 0.68 0.00	23.28 -0.10 0.00	30.70 -0.48 0.00	33.08 -0.43 0.00	36.91 -0.38 0.00	36.16 -0.20 0.00	37.40 -0.54 0.00	37.99 -0.19 0.00	38.91 -0.53 0.00	54.05 0.85 0.00	63.85 1.29 0.00	38.05 0.67 0.00	38.09 0.81 0.00	36.85 0.94 0.00	34.65 1.06 0.00
INDECK___CORINTH 23802	38.89 0.86 0.00	38.80 0.74 0.00	35.42 0.50 0.00	35.70 0.51 0.00	31.06 0.55 0.00	29.37 0.54 0.00	32.07 0.67 0.00	36.85 0.71 0.00	33.84 0.53 0.00	26.75 0.32 0.00	23.81 0.42 0.00	31.84 0.66 0.00	34.16 0.65 0.00	37.89 0.60 0.00	37.00 0.63 0.00	38.85 0.91 0.00	39.42 1.24 0.00	40.77 1.33 0.00	54.75 1.55 0.00	64.43 1.87 0.00	38.70 1.32 0.00	38.48 1.20 0.00	36.85 0.94 0.00	34.13 0.54 0.00
INDECK___ILION 23567	38.79 0.76 0.00	38.85 0.79 0.00	35.59 0.67 0.00	35.86 0.67 0.00	31.13 0.62 0.00	29.38 0.55 0.00	32.03 0.63 0.00	36.83 0.69 0.00	33.67 0.36 0.00	26.57 0.15 0.00	23.52 0.13 0.00	31.53 0.35 0.00	33.82 0.31 0.00	37.64 0.35 0.00	36.76 0.40 0.00	38.45 0.51 0.00	38.99 0.81 0.00	40.47 1.03 0.00	54.53 1.33 0.00	64.11 1.55 0.00	38.33 0.95 0.00	38.13 0.85 0.00	36.54 0.63 0.00	34.08 0.49 0.00
INDECK___OLEAN 23982	37.75 -0.27 0.00	37.98 -0.08 0.00	34.70 -0.22 0.00	34.92 -0.28 0.00	30.15 -0.35 0.00	28.87 0.04 0.00	31.29 -0.12 0.00	36.15 0.01 0.00	33.51 0.20 0.00	26.58 0.16 0.00	23.32 -0.07 0.00	30.70 -0.48 0.00	32.79 -0.72 0.00	36.60 -0.69 0.00	35.61 -0.76 0.00	36.71 -1.23 0.00	36.54 -1.64 0.00	37.63 -1.80 0.00	51.34 -1.87 0.00	60.17 -2.39 0.00	35.81 -1.56 0.00	36.16 -1.11 0.00	35.31 -0.60 0.00	33.59 0.00 0.00
INDECK___OSWEGO 23783	37.10 -0.92 0.00	37.12 -0.94 0.00	34.05 -0.87 0.00	34.32 -0.88 0.00	29.74 -0.77 0.00	28.12 -0.70 0.00	30.63 -0.77 0.00	35.29 -0.85 0.00	32.53 -0.78 0.00	25.74 -0.69 0.00	22.72 -0.67 0.00	30.23 -0.95 0.00	32.47 -1.04 0.00	36.13 -1.17 0.00	35.21 -1.15 0.00	36.61 -1.34 0.00	36.79 -1.40 0.00	37.99 -1.45 0.00	51.40 -1.80 0.00	60.44 -2.13 0.00	36.12 -1.26 0.00	36.04 -1.24 0.00	34.93 -0.98 0.00	32.75 -0.83 0.00
INDECK___YERKES 23781	37.53 -0.50 0.00	37.75 -0.30 0.00	34.62 -0.29 0.00	34.82 -0.38 0.00	29.98 -0.53 0.00	28.80 -0.03 0.00	31.16 -0.24 0.00	35.99 -0.15 0.00	33.29 -0.02 0.00	26.48 0.05 0.00	23.22 -0.17 0.00	30.34 -0.84 0.00	32.70 -0.81 0.00	36.43 -0.87 0.00	35.59 -0.78 0.00	36.61 -1.33 0.00	36.00 -2.19 0.00	36.80 -2.64 0.00	50.06 -3.15 0.00	58.30 -4.26 0.00	34.57 -2.81 0.00	34.91 -2.37 0.00	34.57 -1.34 0.00	33.13 -0.45 0.00
INDIAN POINT_GT_1 24139	39.28 1.26 0.00	39.19 1.13 0.00	35.78 0.86 0.00	36.09 0.90 0.00	31.28 0.77 0.00	29.58 0.76 0.00	32.19 0.78 0.00	37.00 0.86 0.00	34.30 0.99 0.00	27.37 0.94 0.00	24.41 1.03 0.00	32.68 1.50 0.00	35.08 1.58 0.00	38.95 1.66 0.00	37.92 1.56 0.00	39.48 1.54 0.00	39.63 1.45 0.00	40.90 1.46 0.00	54.99 1.79 0.00	64.87 2.31 0.00	38.85 1.47 0.00	38.81 1.53 0.00	37.18 1.26 0.00	34.63 1.04 0.00
INDIAN POINT_GT_2 23659	39.28 1.26 0.00	39.19 1.13 0.00	35.78 0.86 0.00	36.09 0.90 0.00	31.28 0.77 0.00	29.58 0.76 0.00	32.19 0.78 0.00	37.00 0.86 0.00	34.30 0.99 0.00	27.37 0.94 0.00	24.41 1.03 0.00	32.68 1.50 0.00	35.08 1.58 0.00	38.95 1.66 0.00	37.92 1.56 0.00	39.48 1.54 0.00	39.63 1.45 0.00	40.90 1.46 0.00	54.99 1.79 0.00	64.87 2.31 0.00	38.85 1.47 0.00	38.81 1.53 0.00	37.18 1.26 0.00	34.63 1.04 0.00
INDIAN POINT_GT_3 24019	39.28 1.26 0.00	39.19 1.13 0.00	35.78 0.86 0.00	36.09 0.90 0.00	31.28 0.77 0.00	29.58 0.76 0.00	32.19 0.78 0.00	37.00 0.86 0.00	34.30 0.99 0.00	27.37 0.94 0.00	24.41 1.03 0.00	32.68 1.50 0.00	35.08 1.58 0.00	38.95 1.66 0.00	37.92 1.56 0.00	39.48 1.54 0.00	39.63 1.45 0.00	40.90 1.46 0.00	54.99 1.79 0.00	64.87 2.31 0.00	38.85 1.47 0.00	38.81 1.53 0.00	37.18 1.26 0.00	34.63 1.04 0.00
INDIAN POINT___2 23530	39.26 1.24 0.00	39.18 1.12 0.00	35.77 0.85 0.00	36.07 0.87 0.00	31.27 0.76 0.00	29.56 0.74 0.00	32.17 0.77 0.00	36.97 0.84 0.00	34.29 0.98 0.00	27.36 0.93 0.00	24.40 1.01 0.00	32.66 1.48 0.00	35.07 1.56 0.00	38.93 1.63 0.00	37.90 1.53 0.00	39.46 1.51 0.00	39.60 1.41 0.00	40.87 1.43 0.00	54.97 1.77 0.00	64.85 2.29 0.00	38.84 1.46 0.00	38.80 1.52 0.00	37.17 1.26 0.00	34.63 1.04 0.00
INDIAN POINT___3 23531	39.26 1.24 0.00	39.18 1.12 0.00	35.77 0.85 0.00	36.07 0.88 0.00	31.27 0.76 0.00	29.56 0.74 0.00	32.17 0.77 0.00	36.97 0.84 0.00	34.28 0.97 0.00	27.36 0.93 0.00	24.40 1.01 0.00	32.65 1.47 0.00	35.06 1.55 0.00	38.92 1.63 0.00	37.89 1.53 0.00	39.45 1.51 0.00	39.60 1.42 0.00	40.88 1.44 0.00	54.97 1.76 0.00	64.82 2.26 0.00	38.83 1.45 0.00	38.78 1.51 0.00	37.16 1.25 0.00	34.61 1.03 0.00
INGHAM_C_115KV_TB7 356103	39.89 1.86 0.00	39.95 1.89 0.00	36.54 1.63 0.00	36.79 1.60 0.00	31.98 1.47 0.00	30.17 1.34 0.00	32.93 1.53 0.00	37.83 1.69 0.00	34.21 0.89 0.00	26.79 0.37 0.00	23.73 0.34 0.00	32.03 0.85 0.00	34.27 0.76 0.00	38.10 0.81 0.00	37.30 0.93 0.00	39.10 1.16 0.00	40.00 1.81 0.00	41.76 2.32 0.00	56.25 3.04 0.00	66.13 3.57 0.00	39.58 2.20 0.00	39.28 2.00 0.00	37.48 1.58 0.00	34.88 1.30 0.00
IP CORINTH___1 23988	39.12 1.09 0.00	39.03 0.97 0.00	35.63 0.71 0.00	35.91 0.72 0.00	31.24 0.73 0.00	29.55 0.71 0.00	32.26 0.86 0.00	37.07 0.94 0.00	34.05 0.74 0.00	26.91 0.48 0.00	23.95 0.56 0.00	32.02 0.85 0.00	34.35 0.84 0.00	38.11 0.82 0.00	37.21 0.85 0.00	39.07 1.12 0.00	39.63 1.45 0.00	41.00 1.56 0.00	55.05 1.85 0.00	64.79 2.23 0.00	38.92 1.54 0.00	38.69 1.42 0.00	37.06 1.15 0.00	34.33 0.74 0.00
IP___TICONDEROGA 23804	41.30 3.27 0.00	41.00 2.94 0.00	37.21 2.29 0.00	37.36 2.17 0.00	32.87 2.36 0.00	31.18 2.35 0.00	34.10 2.70 0.00	39.09 2.95 0.00	35.75 2.44 0.00	28.11 1.69 0.00	25.15 1.76 0.00	33.64 2.46 0.00	36.11 2.60 0.00	39.91 2.62 0.00	39.00 2.64 0.00	41.07 3.13 0.00	41.84 3.66 0.00	43.18 3.74 0.00	57.80 4.60 0.00	68.14 5.57 0.00	41.33 3.95 0.00	41.01 3.74 0.00	39.27 3.36 0.00	35.89 2.31 0.00
ISLIP_RES_REC 323679	39.53 1.50 0.00	38.96 0.91 0.00	35.65 0.73 0.00	35.86 0.66 0.00	31.05 0.54 0.00	29.51 0.68 0.00	31.95 0.54 0.00	36.61 0.48 0.00	33.86 0.55 0.01	27.10 0.68 0.00	24.78 1.35 -0.04	33.10 1.94 0.01	35.78 2.09 -0.18	39.49 2.20 0.00	38.15 1.79 0.00	39.29 1.35 0.00	39.38 1.20 0.00	40.61 1.17 0.00	54.08 0.90 0.03	46.69 1.32 17.20	38.42 1.04 0.00	38.39 1.12 0.00	36.71 0.80 0.00	34.20 0.61 0.00

JAMAICA__27_KV_LOAD 355505	39.41 1.38 0.00	39.32 1.26 0.00	35.88 0.96 0.00	36.15 0.97 0.02	31.35 0.85 0.02	29.67 0.85 0.01	32.32 0.92 0.00	37.11 0.97 0.00	34.46 1.15 0.00	27.54 1.12 0.00	24.57 1.18 0.00	32.92 1.74 0.00	35.39 1.88 0.00	39.23 1.93 0.00	38.19 1.82 0.00	39.72 1.77 0.00	39.74 1.56 0.00	41.05 1.61 0.00	55.13 1.93 0.00	64.99 2.43 0.00	38.91 1.54 0.00	38.92 1.64 0.00	37.39 1.48 0.00	34.78 1.19 0.00
JANIS__SOLAR 323808	38.88 0.85 0.00	39.09 1.03 0.00	35.86 0.94 0.00	36.09 0.90 0.00	31.31 0.80 0.00	29.64 0.81 0.00	32.24 0.84 0.00	37.10 0.97 0.00	33.98 0.68 0.00	26.55 0.12 0.00	23.18 -0.20 0.00	30.88 -0.30 0.00	33.17 -0.34 0.00	37.08 -0.21 0.00	36.28 -0.08 0.00	38.38 0.44 0.00	38.88 0.70 0.00	40.46 1.02 0.00	55.49 2.29 0.00	64.78 2.22 0.00	38.56 1.18 0.00	38.25 0.97 0.00	36.81 0.90 0.00	34.30 0.72 0.00
JARVIS____ 23743	38.06 0.04 0.00	38.10 0.04 0.00	34.95 0.04 0.00	35.23 0.04 0.00	30.54 0.03 0.00	28.84 0.01 0.00	31.41 0.01 0.00	36.14 0.01 0.00	33.31 0.00 0.00	26.41 -0.01 0.00	23.39 0.01 0.00	31.21 0.03 0.00	33.54 0.02 0.00	37.30 0.01 0.00	36.40 0.04 0.00	38.00 0.06 0.00	38.26 0.08 0.00	39.53 0.09 0.00	53.30 0.10 0.00	62.69 0.13 0.00	37.49 0.11 0.00	37.38 0.11 0.00	35.95 0.04 0.00	33.58 0.00 0.00
JENNISON____1 23625	38.52 0.49 0.00	39.17 1.12 0.00	36.01 1.09 0.00	36.22 1.03 0.00	31.40 0.89 0.00	29.65 0.82 0.00	32.08 0.68 0.00	36.88 0.74 0.00	33.88 0.58 0.00	26.77 0.35 0.00	23.52 0.13 0.00	31.38 0.20 0.00	33.72 0.20 0.00	37.47 0.18 0.00	36.64 0.27 0.00	38.66 0.72 0.00	39.13 0.95 0.00	40.52 1.09 0.00	56.09 2.89 0.00	64.71 2.15 0.00	38.44 1.06 0.00	37.98 0.70 0.00	36.46 0.55 0.00	33.95 0.36 0.00
JENNISON____2 23626	38.52 0.49 0.00	39.17 1.12 0.00	36.01 1.09 0.00	36.22 1.03 0.00	31.40 0.89 0.00	29.65 0.82 0.00	32.08 0.68 0.00	36.88 0.74 0.00	33.88 0.58 0.00	26.77 0.35 0.00	23.52 0.13 0.00	31.38 0.20 0.00	33.72 0.20 0.00	37.47 0.18 0.00	36.64 0.27 0.00	38.66 0.72 0.00	39.13 0.95 0.00	40.52 1.09 0.00	56.09 2.89 0.00	64.71 2.15 0.00	38.44 1.06 0.00	37.98 0.70 0.00	36.46 0.55 0.00	33.95 0.36 0.00
JERICOHO_RISE_WT_PWR 323719	38.57 0.54 0.00	38.55 0.50 0.00	35.37 0.45 0.00	35.71 0.52 0.00	31.06 0.55 0.00	29.39 0.57 0.00	32.05 0.64 0.00	36.80 0.66 0.00	33.87 0.56 0.00	26.91 0.48 0.00	23.82 0.43 0.00	31.73 0.55 0.00	34.11 0.60 0.00	37.93 0.64 0.00	36.81 0.44 0.00	38.31 0.37 0.00	38.90 0.72 0.00	40.44 1.00 0.00	54.64 1.43 0.00	63.73 1.17 0.00	37.87 0.50 0.00	37.55 0.28 0.00	36.34 0.42 0.00	34.08 0.49 0.00
KATONAH__115KV_46KV_TB4 355592	39.44 1.41 0.00	39.34 1.28 0.00	35.94 1.02 0.00	36.23 1.04 0.00	31.41 0.91 0.00	29.70 0.87 0.00	32.33 0.93 0.00	37.16 1.03 0.00	34.44 1.13 0.00	27.50 1.07 0.00	24.53 1.15 0.00	32.83 1.64 0.00	35.25 1.74 0.00	39.15 1.85 0.00	38.11 1.75 0.00	39.68 1.74 0.00	39.83 1.65 0.00	41.12 1.68 0.00	55.26 2.06 0.00	65.13 2.57 0.00	39.01 1.63 0.00	38.95 1.67 0.00	37.31 1.40 0.00	34.74 1.15 0.00
KCE_NY_1 323755	39.31 1.28 0.00	39.36 1.31 0.00	35.95 1.03 0.00	36.22 1.02 0.00	31.42 0.92 0.00	29.70 0.87 0.00	32.43 1.03 0.00	37.27 1.13 0.00	34.24 0.93 0.00	27.10 0.67 0.00	24.09 0.71 0.00	32.19 1.01 0.00	34.53 1.02 0.00	38.34 1.05 0.00	37.45 1.09 0.00	39.28 1.34 0.00	39.73 1.55 0.00	41.05 1.62 0.00	55.18 1.97 0.00	64.85 2.28 0.00	38.92 1.54 0.00	38.77 1.49 0.00	37.16 1.25 0.00	34.54 0.96 0.00
KCE_NY_6_ESR 323823	37.54 -0.49 0.00	37.75 -0.31 0.00	34.58 -0.33 0.00	34.78 -0.42 0.00	29.99 -0.52 0.00	28.78 -0.05 0.00	31.16 -0.24 0.00	35.99 -0.14 0.00	33.32 0.01 0.00	26.48 0.06 0.00	23.22 -0.16 0.00	30.41 -0.77 0.00	32.76 -0.75 0.00	36.53 -0.77 0.00	35.62 -0.74 0.00	36.65 -1.29 0.00	36.09 -2.09 0.00	37.01 -2.43 0.00	50.46 -2.74 0.00	58.84 -3.73 0.00	34.90 -2.48 0.00	35.24 -2.04 0.00	34.77 -1.14 0.00	33.23 -0.36 0.00
KEDC_PORT_JEFF_GT2 24210	39.39 1.37 0.00	38.83 0.78 0.00	35.53 0.62 0.00	35.75 0.55 0.00	30.94 0.43 0.00	29.40 0.57 0.00	31.84 0.43 0.00	36.48 0.34 0.00	33.74 0.43 0.01	26.99 0.57 0.00	24.67 1.24 -0.04	32.95 1.81 0.03	35.60 1.93 -0.16	39.29 2.00 0.00	37.97 1.61 0.00	39.10 1.16 0.00	39.18 1.00 0.00	40.39 0.95 0.00	53.52 0.35 0.03	45.86 0.72 17.43	38.22 0.84 0.00	38.15 0.87 0.00	36.50 0.58 0.00	33.97 0.38 0.00
KEDC_PORT_JEFF_GT3 24211	39.39 1.37 0.00	38.83 0.78 0.00	35.53 0.62 0.00	35.75 0.55 0.00	30.94 0.43 0.00	29.40 0.57 0.00	31.84 0.43 0.00	36.48 0.34 0.00	33.74 0.43 0.01	26.99 0.57 0.00	24.67 1.24 -0.04	32.95 1.81 0.03	35.60 1.93 -0.16	39.29 2.00 0.00	37.97 1.61 0.00	39.10 1.16 0.00	39.18 1.00 0.00	40.39 0.95 0.00	53.52 0.35 0.03	45.86 0.72 17.43	38.22 0.84 0.00	38.15 0.87 0.00	36.50 0.58 0.00	33.97 0.38 0.00
KEDC_GLWD_GT4 24219	39.53 1.50 0.00	39.24 1.19 0.00	35.89 0.97 0.00	36.15 0.96 0.00	31.33 0.82 0.00	29.69 0.86 0.00	32.23 0.82 0.00	37.00 0.86 0.00	34.30 0.99 0.00	27.44 1.01 0.00	24.87 1.27 -0.21	33.42 1.88 -0.37	36.40 1.98 -0.91	39.34 2.04 0.00	38.17 1.81 0.00	39.61 1.67 0.00	39.70 1.52 0.00	40.70 1.26 0.00	54.59 1.40 0.01	58.88 1.87 5.55	38.65 1.27 0.00	38.85 1.57 0.00	37.19 1.28 0.00	34.67 1.08 0.00
KEDC_GLWD_GT5 24220	39.53 1.50 0.00	39.24 1.19 0.00	35.89 0.97 0.00	36.15 0.96 0.00	31.33 0.82 0.00	29.69 0.86 0.00	32.23 0.82 0.00	37.00 0.86 0.00	34.30 0.99 0.00	27.44 1.01 0.00	24.87 1.27 -0.21	33.42 1.88 -0.37	36.40 1.98 -0.91	39.34 2.04 0.00	38.17 1.81 0.00	39.61 1.67 0.00	39.70 1.52 0.00	40.70 1.26 0.00	54.59 1.40 0.01	58.88 1.87 5.55	38.65 1.27 0.00	38.85 1.57 0.00	37.19 1.28 0.00	34.67 1.08 0.00
KENSICO____ 23655	39.39 1.36 0.00	39.30 1.24 0.00	35.88 0.96 0.00	36.18 0.99 0.00	31.37 0.86 0.00	29.67 0.84 0.00	32.28 0.88 0.00	37.09 0.96 0.00	34.39 1.08 0.00	27.45 1.03 0.00	24.50 1.11 0.00	32.78 1.60 0.00	35.21 1.70 0.00	39.08 1.79 0.00	38.03 1.67 0.00	39.58 1.64 0.00	39.72 1.53 0.00	40.98 1.54 0.00	55.07 1.87 0.00	64.94 2.38 0.00	38.90 1.52 0.00	38.87 1.59 0.00	37.24 1.33 0.00	34.69 1.11 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	39.61 1.59 0.00	39.55 1.49 0.00	36.13 1.22 0.00	36.40 1.21 0.00	31.54 1.03 0.00	29.80 0.98 0.00	32.46 1.06 0.00	37.37 1.23 0.00	34.65 1.34 0.00	27.66 1.24 0.00	24.60 1.21 0.00	32.84 1.66 0.00	35.21 1.70 0.00	38.81 1.51 0.00	37.86 1.49 0.00	39.54 1.60 0.00	39.78 1.60 0.00	41.11 1.67 0.00	55.38 2.18 0.00	65.76 3.19 0.00	39.33 1.96 0.00	39.26 1.99 0.00	37.58 1.67 0.00	34.98 1.39 0.00

KIAC_JFK_GT1 23816	39.19 1.17 0.00	39.10 1.04 0.00	35.68 0.76 0.00	35.94 0.76 0.02	31.18 0.68 0.02	29.52 0.69 0.01	32.13 0.73 0.00	36.90 0.76 0.00	34.26 0.95 0.00	27.38 0.96 0.00	24.43 1.04 0.00	32.74 1.56 0.00	35.19 1.68 0.00	39.00 1.70 0.00	37.96 1.60 0.00	39.44 1.50 0.00	39.36 1.18 0.00	40.66 1.22 0.00	54.60 1.39 0.00	64.36 1.80 0.00	38.54 1.17 0.00	38.55 1.28 0.00	37.15 1.23 0.00	34.58 1.00 0.00
KIAC_JFK_GT2 23817	39.19 1.17 0.00	39.10 1.04 0.00	35.68 0.76 0.00	35.94 0.76 0.02	31.18 0.68 0.02	29.52 0.69 0.01	32.13 0.73 0.00	36.90 0.76 0.00	34.26 0.95 0.00	27.38 0.96 0.00	24.43 1.04 0.00	32.74 1.56 0.00	35.19 1.68 0.00	39.00 1.70 0.00	37.96 1.60 0.00	39.44 1.50 0.00	39.36 1.18 0.00	40.66 1.22 0.00	54.60 1.39 0.00	64.36 1.80 0.00	38.54 1.17 0.00	38.55 1.28 0.00	37.15 1.23 0.00	34.58 1.00 0.00
KIAC_JFK____ 323774	39.19 1.17 0.00	39.10 1.05 0.00	35.68 0.76 0.00	35.94 0.76 0.02	31.17 0.68 0.02	29.52 0.69 0.01	32.13 0.73 0.00	36.90 0.77 0.00	34.26 0.95 0.00	27.38 0.96 0.00	24.43 1.04 0.00	32.74 1.56 0.00	35.19 1.68 0.00	39.00 1.70 0.00	37.96 1.60 0.00	39.45 1.50 0.00	39.36 1.18 0.00	40.66 1.22 0.00	54.60 1.39 0.00	64.36 1.79 0.00	38.54 1.17 0.00	38.55 1.27 0.00	37.15 1.24 0.00	34.59 1.00 0.00
KINTIGH__24_KV_GSU 356498	37.40 -0.63 0.00	37.59 -0.47 0.00	34.48 -0.44 0.00	34.70 -0.49 0.00	29.91 -0.60 0.00	28.66 -0.17 0.00	31.04 -0.36 0.00	35.82 -0.31 0.00	33.15 -0.16 0.00	26.33 -0.09 0.00	23.12 -0.27 0.00	30.31 -0.86 0.00	32.62 -0.89 0.00	36.37 -0.93 0.00	35.50 -0.86 0.00	36.61 -1.33 0.00	36.14 -2.04 0.00	37.03 -2.41 0.00	50.36 -2.84 0.00	58.74 -3.82 0.00	34.85 -2.52 0.00	35.14 -2.14 0.00	34.62 -1.29 0.00	33.09 -0.50 0.00
KINTIGH____ 23543	37.37 -0.66 0.00	37.57 -0.48 0.00	34.46 -0.46 0.00	34.67 -0.52 0.00	29.88 -0.63 0.00	28.64 -0.19 0.00	31.01 -0.40 0.00	35.81 -0.32 0.00	33.12 -0.19 0.00	26.31 -0.11 0.00	23.10 -0.29 0.00	30.29 -0.88 0.00	32.59 -0.92 0.00	36.34 -0.95 0.00	35.49 -0.88 0.00	36.57 -1.37 0.00	36.12 -2.06 0.00	37.00 -2.44 0.00	50.34 -2.87 0.00	58.70 -3.87 0.00	34.83 -2.55 0.00	35.10 -2.17 0.00	34.60 -1.31 0.00	33.07 -0.51 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	39.33 1.30 0.00	39.22 1.17 0.00	35.90 0.98 0.00	36.23 1.04 0.00	31.64 1.13 0.00	29.97 1.14 0.00	32.72 1.31 0.00	37.47 1.34 0.00	34.40 1.09 0.00	27.31 0.88 0.00	24.26 0.87 0.00	32.26 1.08 0.00	34.63 1.12 0.00	38.52 1.23 0.00	37.32 0.96 0.00	38.86 0.92 0.00	39.84 1.66 0.00	41.65 2.21 0.00	56.19 2.98 0.00	64.86 2.29 0.00	38.54 1.16 0.00	38.06 0.78 0.00	36.78 0.87 0.00	34.48 0.89 0.00
LACHUTE____HYDRO 323717	41.30 3.27 0.00	41.00 2.94 0.00	37.21 2.29 0.00	37.36 2.17 0.00	32.87 2.36 0.00	31.18 2.35 0.00	34.11 2.70 0.00	39.09 2.95 0.00	35.75 2.44 0.00	28.11 1.69 0.00	25.15 1.76 0.00	33.64 2.46 0.00	36.11 2.60 0.00	39.91 2.62 0.00	39.00 2.64 0.00	41.07 3.13 0.00	41.84 3.66 0.00	43.18 3.74 0.00	57.80 4.60 0.00	68.14 5.57 0.00	41.33 3.95 0.00	41.01 3.74 0.00	39.28 3.36 0.00	35.89 2.31 0.00
LAWRNCAY_115KV_TB1 80681	38.99 0.96 0.00	38.97 0.91 0.00	35.79 0.88 0.00	36.14 0.94 0.00	31.35 0.84 0.00	29.70 0.87 0.00	32.37 0.97 0.00	37.29 1.16 0.00	34.26 0.95 0.00	26.99 0.56 0.00	23.76 0.37 0.00	31.65 0.47 0.00	34.08 0.57 0.00	37.90 0.60 0.00	36.85 0.49 0.00	38.41 0.47 0.00	38.95 0.76 0.00	40.20 0.76 0.00	54.58 1.38 0.00	64.14 1.58 0.00	38.24 0.86 0.00	38.17 0.89 0.00	36.93 1.02 0.00	34.62 1.04 0.00
LEDERLE____ 23769	39.47 1.44 0.00	39.37 1.31 0.00	35.93 1.01 0.00	36.23 1.04 0.00	31.40 0.89 0.00	29.71 0.87 0.00	32.32 0.92 0.00	37.16 1.03 0.00	34.47 1.16 0.00	27.49 1.07 0.00	24.52 1.13 0.00	32.82 1.64 0.00	35.24 1.73 0.00	39.13 1.84 0.00	38.11 1.75 0.00	39.68 1.74 0.00	39.85 1.67 0.00	41.13 1.69 0.00	55.37 2.17 0.00	65.33 2.77 0.00	39.10 1.72 0.00	39.05 1.77 0.00	37.40 1.49 0.00	34.83 1.25 0.00
LIGHTHSE_115KV_TB6 355974	37.76 -0.27 0.00	37.73 -0.32 0.00	34.63 -0.29 0.00	34.96 -0.24 0.00	30.32 -0.18 0.00	28.69 -0.14 0.00	31.20 -0.20 0.00	36.02 -0.11 0.00	33.15 -0.16 0.00	26.10 -0.32 0.00	22.94 -0.45 0.00	30.51 -0.67 0.00	32.72 -0.79 0.00	36.33 -0.96 0.00	35.39 -0.98 0.00	36.96 -0.98 0.00	37.38 -0.81 0.00	38.75 -0.69 0.00	52.81 -0.39 0.00	62.13 -0.44 0.00	37.11 -0.27 0.00	36.90 -0.37 0.00	35.64 -0.28 0.00	33.32 -0.27 0.00
LINDEN COGEN____ 23786	39.31 1.29 0.00	39.22 1.16 0.00	35.79 0.87 0.00	36.08 0.89 0.00	31.29 0.78 0.00	29.62 0.80 0.00	32.22 0.82 0.00	37.00 0.87 0.00	34.34 1.03 0.00	27.45 1.03 0.00	24.49 1.10 0.00	32.79 1.61 0.00	35.22 1.71 0.00	39.04 1.75 0.00	37.98 1.62 0.00	39.49 1.55 0.00	39.59 1.41 0.00	40.89 1.45 0.00	54.93 1.73 0.00	64.77 2.21 0.00	38.80 1.42 0.00	38.80 1.52 0.00	37.19 1.28 0.00	34.66 1.08 0.00
LINDHRST_69_KV_BK1 356055	39.67 1.64 0.00	39.17 1.12 0.00	35.87 0.96 0.00	36.08 0.89 0.00	31.24 0.73 0.00	29.65 0.82 0.00	32.10 0.69 0.00	36.81 0.68 0.00	34.12 0.81 0.01	27.35 0.93 0.00	24.95 1.44 -0.12	33.49 2.13 -0.18	36.32 2.29 -0.51	39.69 2.40 0.00	38.38 2.02 0.00	39.63 1.68 0.00	39.72 1.54 0.00	40.97 1.53 0.00	54.73 1.56 0.03	50.72 2.11 13.95	38.80 1.43 0.00	38.71 1.43 0.00	37.04 1.12 0.00	34.53 0.94 0.00
LIPA_MISC_IPP 23656	39.21 1.18 0.00	38.65 0.59 0.00	35.35 0.43 0.00	35.55 0.36 0.00	30.78 0.27 0.00	29.25 0.42 0.00	31.68 0.28 0.00	36.30 0.16 0.00	33.54 0.23 0.01	26.82 0.40 0.00	24.56 1.14 -0.03	32.76 1.62 0.03	35.39 1.73 -0.15	39.07 1.78 0.00	37.75 1.38 0.00	38.88 0.93 0.00	38.96 0.78 0.00	40.17 0.73 0.00	53.53 0.36 0.03	45.70 0.68 17.55	38.00 0.62 0.00	37.92 0.64 0.00	36.25 0.34 0.00	33.76 0.17 0.00
LISF____SOLAR 323691	39.29 1.26 0.00	38.72 0.66 0.00	35.41 0.49 0.00	35.61 0.42 0.00	30.84 0.33 0.00	29.31 0.48 0.00	31.74 0.34 0.00	36.37 0.24 0.00	33.59 0.28 0.01	26.87 0.45 0.00	24.62 1.19 -0.04	32.83 1.69 0.03	35.47 1.81 -0.15	39.15 1.86 0.00	37.83 1.46 0.00	38.96 1.02 0.00	39.04 0.86 0.00	40.26 0.82 0.00	53.66 0.49 0.03	45.89 0.83 17.50	38.08 0.70 0.00	38.00 0.72 0.00	36.32 0.41 0.00	33.82 0.23 0.00
LITTLE FALLS____HYD 24013	39.89 1.86 0.00	39.95 1.89 0.00	36.54 1.63 0.00	36.79 1.60 0.00	31.98 1.47 0.00	30.17 1.34 0.00	32.93 1.53 0.00	37.83 1.69 0.00	34.21 0.89 0.00	26.79 0.37 0.00	23.73 0.34 0.00	32.03 0.85 0.00	34.27 0.76 0.00	38.10 0.81 0.00	37.30 0.93 0.00	39.10 1.16 0.00	40.00 1.81 0.00	41.76 2.32 0.00	56.25 3.04 0.00	66.13 3.57 0.00	39.58 2.20 0.00	39.28 2.00 0.00	37.48 1.58 0.00	34.88 1.30 0.00

LITTLRIV_115KV_TB1 356100	39.46 1.44 0.00	39.45 1.39 0.00	36.26 1.34 0.00	36.60 1.41 0.00	31.74 1.23 0.00	30.08 1.25 0.00	32.81 1.41 0.00	37.80 1.67 0.00	34.64 1.33 0.00	27.11 0.68 0.00	23.81 0.42 0.00	31.71 0.53 0.00	34.15 0.64 0.00	37.99 0.70 0.00	36.94 0.58 0.00	38.51 0.56 0.00	39.31 1.13 0.00	40.68 1.24 0.00	55.36 2.16 0.00	65.15 2.58 0.00	38.79 1.41 0.00	38.71 1.44 0.00	37.44 1.53 0.00	35.11 1.53 0.00
LI_NEWBRDGE___DRP 323616	39.09 1.06 0.00	38.65 0.60 0.00	35.39 0.47 0.00	35.63 0.44 0.00	30.86 0.35 0.00	29.27 0.44 0.00	31.72 0.31 0.00	36.37 0.23 0.00	33.70 0.39 0.01	26.99 0.57 0.00	24.43 1.04 -0.01	32.69 1.62 0.10	35.22 1.68 -0.03	38.95 1.66 0.00	37.70 1.33 0.00	38.98 1.04 0.00	39.09 0.91 0.00	40.30 0.86 0.00	53.96 0.79 0.04	44.95 1.19 18.80	38.23 0.85 0.00	38.19 0.92 0.00	36.57 0.66 0.00	34.11 0.52 0.00
LOCKPORT_115KV_TB60_63_64 80432	37.30 -0.72 0.00	37.53 -0.52 0.00	34.44 -0.47 0.00	34.63 -0.56 0.00	29.82 -0.69 0.00	28.65 -0.18 0.00	31.00 -0.41 0.00	35.79 -0.35 0.00	33.09 -0.22 0.00	26.30 -0.12 0.00	23.04 -0.34 0.00	30.07 -1.11 0.00	32.40 -1.11 0.00	36.09 -1.21 0.00	35.27 -1.09 0.00	36.29 -1.65 0.00	35.60 -2.58 0.00	36.43 -3.01 0.00	49.70 -3.50 0.00	57.87 -4.69 0.00	34.33 -3.05 0.00	34.68 -2.60 0.00	34.40 -1.51 0.00	33.00 -0.58 0.00
LOCKPORT___CC1 323769	37.28 -0.75 0.00	37.52 -0.54 0.00	34.42 -0.50 0.00	34.62 -0.57 0.00	29.81 -0.71 0.00	28.63 -0.20 0.00	30.98 -0.43 0.00	35.76 -0.37 0.00	33.07 -0.24 0.00	26.29 -0.13 0.00	23.04 -0.35 0.00	30.07 -1.10 0.00	32.40 -1.11 0.00	36.10 -1.20 0.00	35.27 -1.09 0.00	36.29 -1.65 0.00	35.61 -2.57 0.00	36.43 -3.01 0.00	49.68 -3.52 0.00	57.87 -4.69 0.00	34.31 -3.07 0.00	34.68 -2.60 0.00	34.38 -1.53 0.00	32.98 -0.60 0.00
LOCKPORT___CC2 323770	37.28 -0.75 0.00	37.52 -0.54 0.00	34.42 -0.50 0.00	34.62 -0.57 0.00	29.81 -0.71 0.00	28.63 -0.20 0.00	30.98 -0.43 0.00	35.76 -0.37 0.00	33.07 -0.24 0.00	26.29 -0.13 0.00	23.04 -0.35 0.00	30.07 -1.10 0.00	32.40 -1.11 0.00	36.10 -1.20 0.00	35.27 -1.09 0.00	36.29 -1.65 0.00	35.61 -2.57 0.00	36.43 -3.01 0.00	49.68 -3.52 0.00	57.87 -4.69 0.00	34.31 -3.07 0.00	34.68 -2.60 0.00	34.38 -1.53 0.00	32.98 -0.60 0.00
LOCKPORT___CC3 323771	37.28 -0.75 0.00	37.52 -0.54 0.00	34.42 -0.50 0.00	34.62 -0.57 0.00	29.81 -0.71 0.00	28.63 -0.20 0.00	30.98 -0.43 0.00	35.76 -0.37 0.00	33.07 -0.24 0.00	26.29 -0.13 0.00	23.04 -0.35 0.00	30.07 -1.10 0.00	32.40 -1.11 0.00	36.10 -1.20 0.00	35.27 -1.09 0.00	36.29 -1.65 0.00	35.61 -2.57 0.00	36.43 -3.01 0.00	49.68 -3.52 0.00	57.87 -4.69 0.00	34.31 -3.07 0.00	34.68 -2.60 0.00	34.38 -1.53 0.00	32.98 -0.60 0.00
LOCUSVLY_69_KV_BK2 55797	39.48 1.45 0.00	39.13 1.07 0.00	35.80 0.89 0.00	36.05 0.85 0.00	31.22 0.72 0.00	29.61 0.78 0.00	32.10 0.70 0.00	36.83 0.69 0.00	34.13 0.82 0.00	27.33 0.91 0.00	24.84 1.29 -0.17	33.36 1.91 -0.28	36.27 2.02 -0.74	39.37 2.08 0.00	38.15 1.79 0.00	39.48 1.54 0.00	39.56 1.38 0.00	40.72 1.29 0.00	54.57 1.39 0.01	55.88 1.89 8.57	38.64 1.26 0.00	38.68 1.40 0.00	37.02 1.11 0.00	34.52 0.94 0.00
LONG_LAKE_PHOENIX 24014	37.23 -0.79 0.00	37.24 -0.82 0.00	34.15 -0.76 0.00	34.41 -0.78 0.00	29.82 -0.68 0.00	28.21 -0.62 0.00	30.72 -0.68 0.00	35.38 -0.75 0.00	32.64 -0.67 0.00	25.83 -0.59 0.00	22.78 -0.61 0.00	30.32 -0.86 0.00	32.57 -0.94 0.00	36.26 -1.04 0.00	35.38 -0.99 0.00	36.93 -1.01 0.00	37.18 -1.00 0.00	38.41 -1.03 0.00	51.96 -1.24 0.00	61.08 -1.48 0.00	36.48 -0.90 0.00	36.39 -0.88 0.00	35.12 -0.79 0.00	32.86 -0.72 0.00
LOVETT___3 23632	39.25 1.22 0.00	39.16 1.11 0.00	35.75 0.83 0.00	36.06 0.86 0.00	31.25 0.74 0.00	29.55 0.72 0.00	32.15 0.75 0.00	36.96 0.83 0.00	34.27 0.96 0.00	27.34 0.92 0.00	24.39 1.00 0.00	32.64 1.46 0.00	35.05 1.54 0.00	38.92 1.62 0.00	37.89 1.52 0.00	39.45 1.51 0.00	39.60 1.42 0.00	40.87 1.43 0.00	54.98 1.77 0.00	64.85 2.28 0.00	38.83 1.45 0.00	38.79 1.51 0.00	37.17 1.25 0.00	34.62 1.03 0.00
LOVETT___4 23642	39.25 1.22 0.00	39.16 1.11 0.00	35.75 0.83 0.00	36.06 0.86 0.00	31.25 0.74 0.00	29.55 0.72 0.00	32.15 0.75 0.00	36.96 0.83 0.00	34.27 0.96 0.00	27.34 0.92 0.00	24.39 1.00 0.00	32.64 1.46 0.00	35.05 1.54 0.00	38.92 1.62 0.00	37.89 1.52 0.00	39.45 1.51 0.00	39.60 1.42 0.00	40.87 1.43 0.00	54.98 1.77 0.00	64.85 2.28 0.00	38.83 1.45 0.00	38.79 1.51 0.00	37.17 1.25 0.00	34.62 1.03 0.00
LOVETT___5 23593	39.25 1.22 0.00	39.16 1.11 0.00	35.75 0.83 0.00	36.06 0.86 0.00	31.25 0.74 0.00	29.55 0.72 0.00	32.15 0.75 0.00	36.96 0.83 0.00	34.27 0.96 0.00	27.34 0.92 0.00	24.39 1.00 0.00	32.64 1.46 0.00	35.05 1.54 0.00	38.92 1.62 0.00	37.89 1.52 0.00	39.45 1.51 0.00	39.60 1.42 0.00	40.87 1.43 0.00	54.98 1.77 0.00	64.85 2.28 0.00	38.83 1.45 0.00	38.79 1.51 0.00	37.17 1.25 0.00	34.62 1.03 0.00
LOWER RAQUET___HYD 24057	39.07 1.05 0.00	39.04 0.99 0.00	35.87 0.95 0.00	36.21 1.02 0.00	31.43 0.92 0.00	29.77 0.94 0.00	32.46 1.06 0.00	37.41 1.27 0.00	34.35 1.03 0.00	27.00 0.58 0.00	23.76 0.37 0.00	31.64 0.45 0.00	34.07 0.56 0.00	37.87 0.57 0.00	36.81 0.45 0.00	38.38 0.44 0.00	38.99 0.81 0.00	40.23 0.80 0.00	54.70 1.50 0.00	64.25 1.68 0.00	38.32 0.94 0.00	38.27 1.00 0.00	37.02 1.11 0.00	34.70 1.12 0.00
LOWER___HUDSON 24059	38.84 0.81 0.00	38.80 0.74 0.00	35.47 0.55 0.00	35.79 0.59 0.00	31.06 0.55 0.00	29.33 0.50 0.00	31.97 0.57 0.00	36.74 0.61 0.00	33.79 0.48 0.00	26.85 0.42 0.00	23.88 0.49 0.00	31.90 0.72 0.00	34.17 0.66 0.00	38.03 0.74 0.00	37.10 0.74 0.00	38.84 0.90 0.00	39.20 1.02 0.00	40.43 0.99 0.00	54.25 1.05 0.00	63.88 1.32 0.00	38.35 0.97 0.00	38.21 0.93 0.00	36.66 0.75 0.00	34.13 0.55 0.00
LOWVILLE_115KV_TB2 356335	38.77 0.74 0.00	38.56 0.51 0.00	35.35 0.43 0.00	35.90 0.70 0.00	31.24 0.73 0.00	29.53 0.70 0.00	32.11 0.70 0.00	37.15 1.01 0.00	34.01 0.70 0.00	26.62 0.19 0.00	23.32 -0.07 0.00	31.01 -0.17 0.00	33.37 -0.13 0.00	37.03 -0.27 0.00	35.97 -0.39 0.00	37.70 -0.25 0.00	38.29 0.11 0.00	39.94 0.50 0.00	54.76 1.56 0.00	64.44 1.87 0.00	38.22 0.84 0.00	37.91 0.63 0.00	36.56 0.65 0.00	34.18 0.59 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	39.29 1.27 0.00	39.28 1.23 0.00	35.90 0.98 0.00	36.20 1.00 0.00	31.42 0.91 0.00	29.70 0.86 0.00	32.41 1.00 0.00	37.24 1.10 0.00	34.21 0.90 0.00	27.09 0.66 0.00	24.08 0.70 0.00	32.18 1.00 0.00	34.51 1.00 0.00	38.32 1.03 0.00	37.43 1.07 0.00	39.25 1.30 0.00	39.70 1.51 0.00	41.02 1.58 0.00	55.11 1.91 0.00	64.84 2.28 0.00	38.90 1.52 0.00	38.74 1.46 0.00	37.14 1.23 0.00	34.54 0.96 0.00

LUTHERNY_35_KV_BK2 355980	39.31 1.28 0.00	39.36 1.31 0.00	35.95 1.03 0.00	36.22 1.02 0.00	31.43 0.92 0.00	29.70 0.87 0.00	32.43 1.03 0.00	37.27 1.13 0.00	34.24 0.93 0.00	27.10 0.67 0.00	24.09 0.71 0.00	32.19 1.01 0.00	34.53 1.02 0.00	38.34 1.05 0.00	37.45 1.09 0.00	39.28 1.34 0.00	39.73 1.55 0.00	41.05 1.61 0.00	55.18 1.98 0.00	64.85 2.29 0.00	38.92 1.54 0.00	38.77 1.49 0.00	37.16 1.25 0.00	34.54 0.96 0.00
LWR___OSWEGATCHIE_HYD 23850	38.89 0.86 0.00	38.78 0.73 0.00	35.60 0.68 0.00	36.02 0.83 0.00	31.30 0.79 0.00	29.62 0.80 0.00	32.27 0.87 0.00	37.26 1.13 0.00	34.15 0.84 0.00	26.76 0.34 0.00	23.48 0.09 0.00	31.25 0.08 0.00	33.62 0.11 0.00	37.32 0.03 0.00	36.25 -0.11 0.00	37.85 -0.09 0.00	38.55 0.37 0.00	39.98 0.54 0.00	54.62 1.42 0.00	64.22 1.66 0.00	38.22 0.84 0.00	38.07 0.80 0.00	36.79 0.88 0.00	34.43 0.84 0.00
LYONS_FALL_HYD 23570	38.70 0.67 0.00	38.58 0.52 0.00	35.38 0.47 0.00	35.85 0.66 0.00	31.15 0.64 0.00	29.44 0.61 0.00	32.05 0.64 0.00	37.01 0.87 0.00	33.94 0.63 0.00	26.67 0.24 0.00	23.44 0.05 0.00	31.18 0.01 0.00	33.53 0.03 0.00	37.27 -0.02 0.00	36.30 -0.06 0.00	38.03 0.08 0.00	38.51 0.33 0.00	40.06 0.62 0.00	54.63 1.43 0.00	64.25 1.69 0.00	38.21 0.84 0.00	37.95 0.67 0.00	36.55 0.64 0.00	34.16 0.58 0.00
MADISON___COUNTY_LFGE 323628	38.61 0.58 0.00	38.62 0.57 0.00	35.42 0.51 0.00	35.76 0.57 0.00	31.02 0.51 0.00	29.32 0.49 0.00	31.93 0.53 0.00	36.80 0.67 0.00	33.82 0.51 0.00	26.68 0.25 0.00	23.47 0.08 0.00	31.24 0.06 0.00	33.57 0.06 0.00	37.46 0.16 0.00	36.65 0.28 0.00	38.32 0.37 0.00	38.80 0.62 0.00	40.20 0.76 0.00	54.45 1.25 0.00	63.99 1.42 0.00	38.17 0.78 0.00	37.98 0.71 0.00	36.54 0.63 0.00	34.13 0.54 0.00
MALONE___115KV_TB1 356076	39.10 1.07 0.00	39.06 1.00 0.00	35.83 0.92 0.00	36.19 1.00 0.00	31.46 0.95 0.00	29.80 0.97 0.00	32.52 1.11 0.00	37.40 1.27 0.00	34.43 1.12 0.00	27.23 0.81 0.00	24.04 0.65 0.00	31.98 0.81 0.00	34.38 0.87 0.00	38.23 0.93 0.00	37.11 0.75 0.00	38.63 0.69 0.00	39.78 1.60 0.00	41.28 1.84 0.00	55.92 2.72 0.00	64.78 2.22 0.00	38.44 1.06 0.00	38.19 0.91 0.00	36.94 1.03 0.00	34.63 1.04 0.00
MAPLEWOD_115KV_TB3 80458	38.64 0.61 0.00	38.61 0.55 0.00	35.34 0.42 0.00	35.66 0.47 0.00	30.99 0.48 0.00	29.23 0.40 0.00	31.87 0.46 0.00	36.63 0.49 0.00	33.70 0.39 0.00	26.79 0.36 0.00	23.82 0.43 0.00	31.84 0.66 0.00	34.11 0.59 0.00	37.91 0.61 0.00	37.00 0.63 0.00	38.74 0.79 0.00	39.04 0.85 0.00	40.25 0.81 0.00	54.04 0.84 0.00	63.65 1.08 0.00	38.19 0.81 0.00	38.05 0.77 0.00	36.48 0.57 0.00	34.01 0.42 0.00
MAPLE_RIDGE_WT_1 323574	37.60 -0.43 0.00	37.74 -0.32 0.00	34.72 -0.20 0.00	35.14 -0.05 0.00	30.50 -0.01 0.00	28.77 -0.06 0.00	31.30 -0.10 0.00	36.05 -0.08 0.00	33.27 -0.04 0.00	26.35 -0.08 0.00	23.31 -0.08 0.00	31.10 -0.07 0.00	33.52 0.01 0.00	37.24 -0.06 0.00	36.28 -0.08 0.00	37.74 -0.20 0.00	37.91 -0.27 0.00	39.40 -0.04 0.00	53.21 0.01 0.00	62.48 -0.09 0.00	37.20 -0.18 0.00	37.03 -0.25 0.00	35.55 -0.36 0.00	33.30 -0.29 0.00
MAPLE_RIDGE_WT_2 323611	37.60 -0.43 0.00	37.74 -0.32 0.00	34.72 -0.20 0.00	35.14 -0.05 0.00	30.50 -0.01 0.00	28.77 -0.06 0.00	31.30 -0.10 0.00	36.05 -0.08 0.00	33.27 -0.04 0.00	26.35 -0.08 0.00	23.31 -0.08 0.00	31.10 -0.07 0.00	33.52 0.01 0.00	37.24 -0.06 0.00	36.28 -0.08 0.00	37.74 -0.20 0.00	37.91 -0.27 0.00	39.40 -0.04 0.00	53.21 0.01 0.00	62.48 -0.09 0.00	37.20 -0.18 0.00	37.03 -0.25 0.00	35.55 -0.36 0.00	33.30 -0.29 0.00
MARBLE_RIVER_WT_PWR 323696	39.14 1.12 0.00	38.98 0.93 0.00	35.65 0.73 0.00	36.04 0.85 0.00	31.58 1.07 0.00	29.92 1.09 0.00	32.67 1.26 0.00	37.32 1.18 0.00	34.20 0.89 0.00	27.29 0.86 0.00	24.32 0.93 0.00	32.30 1.12 0.00	34.62 1.11 0.00	38.48 1.19 0.00	37.21 0.84 0.00	38.75 0.81 0.00	39.47 1.29 0.00	41.20 1.76 0.00	55.51 2.31 0.00	64.26 1.70 0.00	38.24 0.86 0.00	37.74 0.46 0.00	36.43 0.52 0.00	34.17 0.59 0.00
MARSHVLE_115KV_TB1 80742	38.14 0.11 0.00	38.26 0.21 0.00	35.16 0.24 0.00	35.38 0.19 0.00	30.63 0.12 0.00	28.95 0.12 0.00	31.57 0.16 0.00	36.36 0.22 0.00	33.24 -0.07 0.00	26.07 -0.35 0.00	23.18 -0.21 0.00	30.88 -0.30 0.00	33.23 -0.28 0.00	37.11 -0.19 0.00	35.95 -0.41 0.00	37.73 -0.21 0.00	38.17 -0.01 0.00	39.84 0.40 0.00	53.84 0.63 0.00	63.37 0.80 0.00	37.70 0.32 0.00	37.50 0.22 0.00	36.09 0.18 0.00	33.71 0.12 0.00
MARSH_HILL_WT_PWR 323713	37.09 -0.94 0.00	37.43 -0.62 0.00	34.10 -0.82 0.00	34.05 -1.14 0.00	29.45 -1.05 0.00	28.33 -0.49 0.00	30.72 -0.68 0.00	35.57 -0.56 0.00	33.04 -0.27 0.00	26.00 -0.42 0.00	22.67 -0.72 0.00	30.03 -1.15 0.00	32.35 -1.16 0.00	36.06 -1.23 0.00	35.28 -1.08 0.00	36.46 -1.49 0.00	36.22 -1.96 0.00	37.06 -2.38 0.00	50.77 -2.43 0.00	60.29 -2.27 0.00	36.29 -1.09 0.00	36.29 -0.99 0.00	34.87 -1.05 0.00	32.76 -0.83 0.00
MCINTYRE_115KV_TB2 80467	39.58 1.56 0.00	39.59 1.54 0.00	36.40 1.48 0.00	36.72 1.53 0.00	31.83 1.32 0.00	30.17 1.34 0.00	32.91 1.51 0.00	37.92 1.78 0.00	34.71 1.40 0.00	27.13 0.71 0.00	23.86 0.47 0.00	31.78 0.60 0.00	34.25 0.74 0.00	38.11 0.81 0.00	37.08 0.71 0.00	38.65 0.71 0.00	39.37 1.19 0.00	40.83 1.39 0.00	55.53 2.33 0.00	65.51 2.95 0.00	38.95 1.57 0.00	38.84 1.56 0.00	37.58 1.67 0.00	35.25 1.67 0.00
MECO_____69_KV_BK1 80468	38.96 0.93 0.00	39.03 0.97 0.00	35.86 0.95 0.00	36.11 0.92 0.00	31.27 0.76 0.00	29.56 0.73 0.00	32.26 0.86 0.00	37.16 1.03 0.00	33.78 0.47 0.00	26.32 -0.10 0.00	23.32 -0.07 0.00	31.21 0.03 0.00	33.69 0.18 0.00	37.50 0.21 0.00	36.39 0.02 0.00	38.34 0.40 0.00	38.95 0.76 0.00	40.84 1.40 0.00	55.28 2.08 0.00	65.06 2.49 0.00	38.76 1.38 0.00	38.52 1.25 0.00	37.00 1.09 0.00	34.47 0.88 0.00
MENANDS___115KV_TB5 355628	38.42 0.39 0.00	38.41 0.35 0.00	35.14 0.23 0.00	35.47 0.28 0.00	30.84 0.33 0.00	29.08 0.25 0.00	31.70 0.30 0.00	36.43 0.30 0.00	33.53 0.22 0.00	26.67 0.25 0.00	23.73 0.34 0.00	31.70 0.52 0.00	33.95 0.44 0.00	37.75 0.46 0.00	36.85 0.49 0.00	38.55 0.61 0.00	38.82 0.64 0.00	40.01 0.57 0.00	53.69 0.49 0.00	63.23 0.67 0.00	37.96 0.58 0.00	37.83 0.55 0.00	36.27 0.36 0.00	33.82 0.23 0.00
MG INDUSTRY___DRP 24185	38.52 0.50 0.00	38.56 0.50 0.00	35.34 0.43 0.00	35.62 0.43 0.00	30.95 0.44 0.00	29.18 0.35 0.00	31.80 0.40 0.00	36.55 0.42 0.00	33.64 0.33 0.00	26.66 0.24 0.00	23.69 0.31 0.00	31.66 0.48 0.00	33.93 0.43 0.00	37.70 0.41 0.00	36.79 0.43 0.00	38.58 0.64 0.00	38.87 0.69 0.00	40.06 0.62 0.00	53.79 0.58 0.00	63.32 0.76 0.00	37.99 0.61 0.00	37.88 0.60 0.00	36.36 0.44 0.00	33.91 0.33 0.00

MID___OSWEGATCHIE_HYD 23849	38.89 0.86 0.00	38.78 0.73 0.00	35.60 0.68 0.00	36.02 0.83 0.00	31.30 0.79 0.00	29.62 0.80 0.00	32.27 0.87 0.00	37.26 1.13 0.00	34.15 0.84 0.00	26.76 0.34 0.00	23.48 0.09 0.00	31.25 0.08 0.00	33.62 0.11 0.00	37.32 0.03 0.00	36.25 -0.11 0.00	37.85 -0.09 0.00	38.55 0.37 0.00	39.98 0.54 0.00	54.62 1.42 0.00	64.22 1.66 0.00	38.22 0.84 0.00	38.07 0.80 0.00	36.79 0.88 0.00	34.43 0.84 0.00
MID___RAQUETTE_HYD 23851	39.08 1.05 0.00	39.04 0.99 0.00	35.87 0.95 0.00	36.21 1.02 0.00	31.43 0.92 0.00	29.78 0.95 0.00	32.46 1.06 0.00	37.41 1.27 0.00	34.35 1.03 0.00	27.00 0.58 0.00	23.76 0.37 0.00	31.63 0.45 0.00	34.07 0.56 0.00	37.87 0.57 0.00	36.81 0.45 0.00	38.38 0.44 0.00	38.99 0.81 0.00	40.24 0.80 0.00	54.70 1.50 0.00	64.25 1.68 0.00	38.32 0.94 0.00	38.27 1.00 0.00	37.02 1.11 0.00	34.70 1.12 0.00
MILLIKEN___1 23584	38.39 0.36 0.00	38.48 0.43 0.00	35.23 0.32 0.00	35.52 0.32 0.00	30.76 0.26 0.00	29.11 0.28 0.00	31.74 0.34 0.00	36.57 0.43 0.00	33.67 0.36 0.00	26.48 0.06 0.00	23.26 -0.12 0.00	30.93 -0.24 0.00	33.23 -0.28 0.00	37.08 -0.22 0.00	36.23 -0.13 0.00	37.92 -0.03 0.00	38.33 0.15 0.00	39.77 0.33 0.00	54.00 0.80 0.00	63.41 0.84 0.00	37.83 0.45 0.00	37.71 0.43 0.00	36.32 0.41 0.00	33.95 0.37 0.00
MILLIKEN___2 23585	38.39 0.36 0.00	38.48 0.43 0.00	35.23 0.32 0.00	35.52 0.32 0.00	30.76 0.26 0.00	29.11 0.28 0.00	31.74 0.34 0.00	36.57 0.43 0.00	33.67 0.36 0.00	26.48 0.06 0.00	23.26 -0.12 0.00	30.93 -0.24 0.00	33.23 -0.28 0.00	37.08 -0.22 0.00	36.23 -0.13 0.00	37.92 -0.03 0.00	38.33 0.15 0.00	39.77 0.33 0.00	54.00 0.80 0.00	63.41 0.84 0.00	37.83 0.45 0.00	37.71 0.43 0.00	36.32 0.41 0.00	33.95 0.37 0.00
MILLIKEN___DIESEL 23629	38.39 0.36 0.00	38.48 0.43 0.00	35.23 0.32 0.00	35.52 0.32 0.00	30.76 0.26 0.00	29.11 0.28 0.00	31.74 0.34 0.00	36.57 0.43 0.00	33.67 0.36 0.00	26.48 0.06 0.00	23.26 -0.12 0.00	30.93 -0.24 0.00	33.23 -0.28 0.00	37.08 -0.22 0.00	36.23 -0.13 0.00	37.92 -0.03 0.00	38.33 0.15 0.00	39.77 0.33 0.00	54.00 0.80 0.00	63.41 0.84 0.00	37.83 0.45 0.00	37.71 0.43 0.00	36.32 0.41 0.00	33.95 0.37 0.00
MILLSEAT___LFGE 323607	37.92 -0.10 0.00	38.10 0.05 0.00	34.94 0.03 0.00	35.14 -0.05 0.00	30.27 -0.24 0.00	29.06 0.23 0.00	31.49 0.08 0.00	36.36 0.22 0.00	33.61 0.30 0.00	26.64 0.22 0.00	23.27 -0.12 0.00	30.29 -0.89 0.00	32.59 -0.92 0.00	36.34 -0.95 0.00	35.57 -0.80 0.00	36.68 -1.27 0.00	36.23 -1.95 0.00	37.32 -2.12 0.00	51.07 -2.13 0.00	59.63 -2.93 0.00	35.35 -2.03 0.00	35.62 -1.66 0.00	35.13 -0.78 0.00	33.54 -0.04 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	39.32 1.29 0.00	39.22 1.17 0.00	35.82 0.90 0.00	36.12 0.93 0.00	31.31 0.80 0.00	29.61 0.78 0.00	32.22 0.82 0.00	37.03 0.90 0.00	34.32 1.01 0.00	27.39 0.97 0.00	24.44 1.05 0.00	32.70 1.52 0.00	35.11 1.60 0.00	38.98 1.69 0.00	37.95 1.58 0.00	39.51 1.56 0.00	39.65 1.47 0.00	40.92 1.48 0.00	55.00 1.80 0.00	64.86 2.30 0.00	38.85 1.47 0.00	38.81 1.53 0.00	37.18 1.27 0.00	34.63 1.05 0.00
MILLWOOD_13_KV_LOAD 356217	39.39 1.36 0.00	39.30 1.25 0.00	35.88 0.97 0.00	36.19 0.99 0.00	31.37 0.86 0.00	29.67 0.83 0.00	32.29 0.89 0.00	37.10 0.97 0.00	34.39 1.08 0.00	27.44 1.02 0.00	24.48 1.09 0.00	32.76 1.58 0.00	35.18 1.67 0.00	39.06 1.77 0.00	38.03 1.67 0.00	39.59 1.65 0.00	39.74 1.56 0.00	41.02 1.58 0.00	55.15 1.94 0.00	65.01 2.44 0.00	38.93 1.55 0.00	38.90 1.62 0.00	37.26 1.35 0.00	34.70 1.12 0.00
MODEL_CITY_ENERGY 24167	37.04 -0.99 0.00	37.26 -0.79 0.00	34.20 -0.72 0.00	34.40 -0.79 0.00	29.61 -0.90 0.00	28.47 -0.36 0.00	30.78 -0.63 0.00	35.53 -0.61 0.00	32.84 -0.47 0.00	26.14 -0.29 0.00	22.91 -0.48 0.00	29.90 -1.28 0.00	32.20 -1.31 0.00	35.87 -1.43 0.00	35.06 -1.30 0.00	36.09 -1.85 0.00	35.30 -2.88 0.00	36.08 -3.36 0.00	49.15 -4.05 0.00	57.21 -5.36 0.00	33.93 -3.44 0.00	34.32 -2.96 0.00	34.11 -1.80 0.00	32.76 -0.82 0.00
MODERN_LFGE___ 323580	37.04 -0.99 0.00	37.26 -0.79 0.00	34.20 -0.72 0.00	34.40 -0.79 0.00	29.61 -0.90 0.00	28.47 -0.36 0.00	30.78 -0.63 0.00	35.53 -0.61 0.00	32.84 -0.47 0.00	26.14 -0.29 0.00	22.91 -0.48 0.00	29.90 -1.28 0.00	32.20 -1.31 0.00	35.87 -1.43 0.00	35.06 -1.30 0.00	36.09 -1.85 0.00	35.30 -2.88 0.00	36.08 -3.36 0.00	49.15 -4.05 0.00	57.21 -5.36 0.00	33.93 -3.44 0.00	34.32 -2.96 0.00	34.11 -1.80 0.00	32.76 -0.82 0.00
MOHAWK_PAPER___DRP 24187	38.64 0.61 0.00	38.61 0.55 0.00	35.34 0.42 0.00	35.66 0.47 0.00	30.99 0.48 0.00	29.23 0.40 0.00	31.87 0.46 0.00	36.63 0.49 0.00	33.70 0.39 0.00	26.79 0.36 0.00	23.82 0.43 0.00	31.84 0.66 0.00	34.11 0.59 0.00	37.91 0.61 0.00	37.00 0.63 0.00	38.74 0.79 0.00	39.04 0.85 0.00	40.25 0.81 0.00	54.04 0.84 0.00	63.65 1.08 0.00	38.19 0.81 0.00	38.05 0.77 0.00	36.48 0.57 0.00	34.01 0.42 0.00
MOHICAN___35_KV_115KV_LD 80490	39.48 1.46 0.00	39.37 1.32 0.00	35.93 1.01 0.00	36.20 1.01 0.00	31.52 1.01 0.00	29.81 0.99 0.00	32.56 1.15 0.00	37.40 1.26 0.00	34.33 1.01 0.00	27.12 0.70 0.00	24.15 0.76 0.00	32.29 1.11 0.00	34.60 1.09 0.00	38.39 1.09 0.00	37.50 1.14 0.00	39.39 1.45 0.00	39.98 1.80 0.00	41.34 1.90 0.00	55.48 2.28 0.00	65.31 2.75 0.00	39.26 1.88 0.00	39.03 1.76 0.00	37.39 1.48 0.00	34.61 1.02 0.00
MONGAUP___HYD 23641	39.68 1.65 0.00	39.61 1.55 0.00	36.18 1.26 0.00	36.44 1.25 0.00	31.58 1.07 0.00	29.85 1.02 0.00	32.52 1.12 0.00	37.42 1.29 0.00	34.68 1.37 0.00	27.61 1.18 0.00	24.53 1.14 0.00	32.77 1.59 0.00	35.11 1.60 0.00	38.93 1.64 0.00	37.98 1.62 0.00	39.78 1.83 0.00	40.01 1.83 0.00	41.37 1.93 0.00	55.82 2.61 0.00	65.85 3.29 0.00	39.39 2.01 0.00	39.30 2.02 0.00	37.64 1.73 0.00	35.03 1.45 0.00
MONTAUK___DIESEL 23721	38.26 0.23 0.00	37.52 -0.53 0.00	34.25 -0.67 0.00	34.40 -0.79 0.00	29.79 -0.72 0.00	28.45 -0.38 0.00	30.82 -0.58 0.00	35.36 -0.77 0.00	32.72 -0.58 0.01	26.26 -0.17 0.00	24.15 0.72 -0.04	32.21 1.06 0.03	34.80 1.14 -0.15	38.42 1.13 0.00	37.11 0.74 0.00	38.19 0.25 0.00	38.27 0.09 0.00	39.52 0.08 0.00	52.66 -0.51 0.03	44.61 -0.43 17.53	37.28 -0.09 0.00	37.08 -0.20 0.00	35.34 -0.57 0.00	32.84 -0.74 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	37.55 -0.48 0.00	37.86 -0.20 0.00	34.35 -0.57 0.00	34.35 -0.85 0.00	29.66 -0.85 0.00	28.50 -0.32 0.00	30.82 -0.58 0.00	35.73 -0.40 0.00	33.50 0.19 0.00	26.73 0.30 0.00	23.46 0.07 0.00	30.91 -0.27 0.00	33.23 -0.28 0.00	37.12 -0.17 0.00	35.84 -0.52 0.00	36.87 -1.07 0.00	36.67 -1.51 0.00	37.57 -1.87 0.00	50.61 -2.60 0.00	59.03 -3.54 0.00	34.97 -2.41 0.00	35.08 -2.20 0.00	34.80 -1.11 0.00	33.37 -0.22 0.00

MORRIS RIDGE___SOLAR 323848	37.23 -0.80 0.00	37.45 -0.61 0.00	34.27 -0.65 0.00	34.37 -0.82 0.00	29.71 -0.80 0.00	28.42 -0.41 0.00	30.90 -0.50 0.00	35.70 -0.44 0.00	33.00 -0.31 0.00	25.93 -0.49 0.00	22.63 -0.76 0.00	29.89 -1.29 0.00	32.23 -1.28 0.00	35.98 -1.31 0.00	35.17 -1.20 0.00	36.26 -1.68 0.00	36.17 -2.01 0.00	37.16 -2.28 0.00	50.82 -2.38 0.00	59.79 -2.77 0.00	35.67 -1.71 0.00	35.91 -1.37 0.00	34.89 -1.02 0.00	32.85 -0.73 0.00
MORTIMER_115KV_TB3 55949	37.75 -0.27 0.00	37.84 -0.21 0.00	34.70 -0.22 0.00	34.92 -0.27 0.00	30.17 -0.34 0.00	28.75 -0.08 0.00	31.26 -0.14 0.00	36.08 -0.05 0.00	33.32 0.00 0.00	26.38 -0.05 0.00	23.16 -0.23 0.00	30.56 -0.62 0.00	32.89 -0.62 0.00	36.69 -0.60 0.00	35.85 -0.52 0.00	37.21 -0.73 0.00	37.18 -1.00 0.00	38.38 -1.06 0.00	52.14 -1.06 0.00	61.05 -1.52 0.00	36.29 -1.09 0.00	36.33 -0.94 0.00	35.37 -0.54 0.00	33.41 -0.18 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	39.51 1.48 0.00	39.40 1.35 0.00	35.97 1.05 0.00	36.27 1.08 0.00	31.46 0.95 0.00	29.77 0.94 0.00	32.39 0.99 0.00	37.20 1.06 0.00	34.51 1.20 0.00	27.57 1.14 0.00	24.60 1.22 0.00	32.91 1.73 0.00	35.35 1.84 0.00	39.20 1.91 0.00	38.13 1.77 0.00	39.67 1.73 0.00	39.77 1.59 0.00	41.05 1.62 0.00	55.14 1.94 0.00	65.01 2.45 0.00	38.95 1.57 0.00	38.94 1.66 0.00	37.33 1.42 0.00	34.77 1.19 0.00
MUNSVILLE_WIND_PWR 323609	39.37 1.34 0.00	39.78 1.72 0.00	36.58 1.67 0.00	36.80 1.61 0.00	31.99 1.49 0.00	30.27 1.44 0.00	32.82 1.42 0.00	37.67 1.53 0.00	34.55 1.23 0.00	27.04 0.62 0.00	23.60 0.21 0.00	31.45 0.27 0.00	33.89 0.38 0.00	37.76 0.47 0.00	36.99 0.63 0.00	39.31 1.37 0.00	39.81 1.63 0.00	41.40 1.96 0.00	57.16 3.96 0.00	66.33 3.77 0.00	39.39 2.01 0.00	38.81 1.53 0.00	37.33 1.42 0.00	34.64 1.05 0.00
N SALMON___HYD 24042	39.10 1.07 0.00	39.05 1.00 0.00	35.83 0.92 0.00	36.19 1.00 0.00	31.46 0.95 0.00	29.80 0.97 0.00	32.51 1.11 0.00	37.40 1.27 0.00	34.43 1.12 0.00	27.23 0.81 0.00	24.04 0.65 0.00	31.98 0.80 0.00	34.38 0.87 0.00	38.23 0.93 0.00	37.11 0.74 0.00	38.63 0.69 0.00	39.78 1.60 0.00	41.28 1.84 0.00	55.92 2.71 0.00	64.78 2.22 0.00	38.44 1.06 0.00	38.19 0.91 0.00	36.94 1.03 0.00	34.63 1.04 0.00
N.AKRON__115KV_KNAPP 355671	37.77 -0.26 0.00	37.97 -0.08 0.00	34.83 -0.09 0.00	35.03 -0.17 0.00	30.17 -0.34 0.00	28.97 0.14 0.00	31.37 -0.03 0.00	36.23 0.09 0.00	33.49 0.18 0.00	26.58 0.15 0.00	23.23 -0.16 0.00	30.27 -0.91 0.00	32.58 -0.93 0.00	36.31 -0.98 0.00	35.53 -0.83 0.00	36.59 -1.36 0.00	36.04 -2.14 0.00	37.05 -2.39 0.00	50.66 -2.54 0.00	59.09 -3.48 0.00	35.06 -2.32 0.00	35.35 -1.93 0.00	34.93 -0.98 0.00	33.42 -0.17 0.00
N.E_GEN_SANDY PD 24062	38.87 0.84 0.00	38.79 0.73 0.00	35.42 0.50 0.00	35.82 0.58 -0.04	31.05 0.54 0.00	29.31 0.48 0.00	31.94 0.53 0.00	36.76 0.56 -0.07	33.79 0.48 0.00	26.95 0.52 0.00	24.02 0.63 0.00	32.08 0.90 0.00	34.40 0.89 0.00	38.32 1.02 0.00	37.33 0.97 0.00	39.00 1.06 0.00	39.22 1.04 0.00	40.46 1.02 0.00	53.67 1.01 0.55	63.30 1.33 0.59	39.06 1.01 -0.68	38.26 0.99 0.00	36.66 0.74 0.00	34.12 0.53 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	39.32 1.29 0.00	39.22 1.17 0.00	35.80 0.88 0.00	36.11 0.91 0.00	31.30 0.79 0.00	29.59 0.77 0.00	32.20 0.80 0.00	37.02 0.88 0.00	34.33 1.02 0.00	27.39 0.96 0.00	24.42 1.03 0.00	32.69 1.51 0.00	35.10 1.59 0.00	38.98 1.69 0.00	37.95 1.59 0.00	39.52 1.58 0.00	39.68 1.50 0.00	40.95 1.51 0.00	55.11 1.90 0.00	65.02 2.46 0.00	38.92 1.54 0.00	38.88 1.60 0.00	37.24 1.33 0.00	34.69 1.11 0.00
N.QUEENS_27_KV_LOAD 356247	39.60 1.58 0.00	39.52 1.47 0.00	36.01 1.09 0.00	35.91 0.72 0.00	31.17 0.67 0.00	29.59 0.76 0.00	32.21 0.81 0.00	36.98 0.84 0.00	34.37 1.06 0.00	27.45 1.02 0.00	24.50 1.11 0.00	32.80 1.62 0.00	35.23 1.72 0.00	39.06 1.77 0.00	38.02 1.66 0.00	39.59 1.65 0.00	39.62 1.43 0.00	40.90 1.46 0.00	54.94 1.74 0.00	64.79 2.23 0.00	38.86 1.48 0.00	38.82 1.55 0.00	37.22 1.31 0.00	34.70 1.12 0.00
N.TROY___115KV_TB1 355778	38.83 0.81 0.00	38.80 0.74 0.00	35.46 0.55 0.00	35.79 0.60 0.00	31.06 0.55 0.00	29.33 0.50 0.00	31.97 0.57 0.00	36.74 0.61 0.00	33.79 0.48 0.00	26.85 0.42 0.00	23.88 0.49 0.00	31.90 0.72 0.00	34.17 0.66 0.00	38.03 0.74 0.00	37.10 0.74 0.00	38.85 0.91 0.00	39.20 1.02 0.00	40.43 0.99 0.00	54.25 1.04 0.00	63.88 1.32 0.00	38.35 0.97 0.00	38.21 0.93 0.00	36.66 0.75 0.00	34.13 0.54 0.00
NARROWS_GT1_1 24228	39.48 1.45 0.00	39.41 1.36 0.00	35.97 1.05 0.00	36.22 1.02 0.00	31.42 0.91 0.00	29.77 0.94 0.00	32.40 0.99 0.00	37.16 1.03 0.00	34.56 1.25 0.00	27.62 1.19 0.00	24.64 1.25 0.00	32.89 1.71 0.00	35.24 1.74 0.00	38.99 1.70 0.00	37.97 1.61 0.00	39.52 1.58 0.00	39.51 1.33 0.00	40.82 1.38 0.00	54.86 1.66 0.00	64.69 2.13 0.00	38.79 1.41 0.00	38.75 1.48 0.00	37.22 1.31 0.00	34.71 1.13 0.00
NARROWS_GT1_2 24229	39.48 1.45 0.00	39.41 1.36 0.00	35.97 1.05 0.00	36.22 1.02 0.00	31.42 0.91 0.00	29.77 0.94 0.00	32.40 0.99 0.00	37.16 1.03 0.00	34.56 1.25 0.00	27.62 1.19 0.00	24.64 1.25 0.00	32.89 1.71 0.00	35.24 1.74 0.00	38.99 1.70 0.00	37.97 1.61 0.00	39.52 1.58 0.00	39.51 1.33 0.00	40.82 1.38 0.00	54.86 1.66 0.00	64.69 2.13 0.00	38.79 1.41 0.00	38.75 1.48 0.00	37.22 1.31 0.00	34.71 1.13 0.00
NARROWS_GT1_3 24230	39.48 1.45 0.00	39.41 1.36 0.00	35.97 1.05 0.00	36.22 1.02 0.00	31.42 0.91 0.00	29.77 0.94 0.00	32.40 0.99 0.00	37.16 1.03 0.00	34.56 1.25 0.00	27.62 1.19 0.00	24.64 1.25 0.00	32.89 1.71 0.00	35.24 1.74 0.00	38.99 1.70 0.00	37.97 1.61 0.00	39.52 1.58 0.00	39.51 1.33 0.00	40.82 1.38 0.00	54.86 1.66 0.00	64.69 2.13 0.00	38.79 1.41 0.00	38.75 1.48 0.00	37.22 1.31 0.00	34.71 1.13 0.00
NARROWS_GT1_4 24231	39.48 1.45 0.00	39.41 1.36 0.00	35.97 1.05 0.00	36.22 1.02 0.00	31.42 0.91 0.00	29.77 0.94 0.00	32.40 0.99 0.00	37.16 1.03 0.00	34.56 1.25 0.00	27.62 1.19 0.00	24.64 1.25 0.00	32.89 1.71 0.00	35.24 1.74 0.00	38.99 1.70 0.00	37.97 1.61 0.00	39.52 1.58 0.00	39.51 1.33 0.00	40.82 1.38 0.00	54.86 1.66 0.00	64.69 2.13 0.00	38.79 1.41 0.00	38.75 1.48 0.00	37.22 1.31 0.00	34.71 1.13 0.00
NARROWS_GT1_5 24232	39.48 1.45 0.00	39.41 1.36 0.00	35.97 1.05 0.00	36.22 1.02 0.00	31.42 0.91 0.00	29.77 0.94 0.00	32.40 0.99 0.00	37.16 1.03 0.00	34.56 1.25 0.00	27.62 1.19 0.00	24.64 1.25 0.00	32.89 1.71 0.00	35.24 1.74 0.00	38.99 1.70 0.00	37.97 1.61 0.00	39.52 1.58 0.00	39.51 1.33 0.00	40.82 1.38 0.00	54.86 1.66 0.00	64.69 2.13 0.00	38.79 1.41 0.00	38.75 1.48 0.00	37.22 1.31 0.00	34.71 1.13 0.00

NARROWS_GT1_6 24233	39.48 1.45 0.00	39.41 1.36 0.00	35.97 1.05 0.00	36.22 1.02 0.00	31.42 0.91 0.00	29.77 0.94 0.00	32.40 0.99 0.00	37.16 1.03 0.00	34.56 1.25 0.00	27.62 1.19 0.00	24.64 1.25 0.00	32.89 1.71 0.00	35.24 1.74 0.00	38.99 1.70 0.00	37.97 1.61 0.00	39.52 1.58 0.00	39.51 1.33 0.00	40.82 1.38 0.00	54.86 1.66 0.00	64.69 2.13 0.00	38.79 1.41 0.00	38.75 1.48 0.00	37.22 1.31 0.00	34.71 1.13 0.00
NARROWS_GT1_7 24234	39.48 1.45 0.00	39.41 1.36 0.00	35.97 1.05 0.00	36.22 1.02 0.00	31.42 0.91 0.00	29.77 0.94 0.00	32.40 0.99 0.00	37.16 1.03 0.00	34.56 1.25 0.00	27.62 1.19 0.00	24.64 1.25 0.00	32.89 1.71 0.00	35.24 1.74 0.00	38.99 1.70 0.00	37.97 1.61 0.00	39.52 1.58 0.00	39.51 1.33 0.00	40.82 1.38 0.00	54.86 1.66 0.00	64.69 2.13 0.00	38.79 1.41 0.00	38.75 1.48 0.00	37.22 1.31 0.00	34.71 1.13 0.00
NARROWS_GT1_8 24235	39.48 1.45 0.00	39.41 1.36 0.00	35.97 1.05 0.00	36.22 1.02 0.00	31.42 0.91 0.00	29.77 0.94 0.00	32.40 0.99 0.00	37.16 1.03 0.00	34.56 1.25 0.00	27.62 1.19 0.00	24.64 1.25 0.00	32.89 1.71 0.00	35.24 1.74 0.00	38.99 1.70 0.00	37.97 1.61 0.00	39.52 1.58 0.00	39.51 1.33 0.00	40.82 1.38 0.00	54.86 1.66 0.00	64.69 2.13 0.00	38.79 1.41 0.00	38.75 1.48 0.00	37.22 1.31 0.00	34.71 1.13 0.00
NARROWS_GT2_1 24236	39.48 1.45 0.00	39.41 1.36 0.00	35.97 1.05 0.00	36.22 1.02 0.00	31.42 0.91 0.00	29.77 0.94 0.00	32.40 0.99 0.00	37.16 1.03 0.00	34.56 1.25 0.00	27.62 1.19 0.00	24.64 1.25 0.00	32.89 1.71 0.00	35.24 1.74 0.00	38.99 1.70 0.00	37.97 1.61 0.00	39.52 1.58 0.00	39.51 1.33 0.00	40.82 1.38 0.00	54.86 1.66 0.00	64.69 2.13 0.00	38.79 1.41 0.00	38.75 1.48 0.00	37.22 1.31 0.00	34.71 1.13 0.00
NARROWS_GT2_2 24237	39.48 1.45 0.00	39.41 1.36 0.00	35.97 1.05 0.00	36.22 1.02 0.00	31.42 0.91 0.00	29.77 0.94 0.00	32.40 0.99 0.00	37.16 1.03 0.00	34.56 1.25 0.00	27.62 1.19 0.00	24.64 1.25 0.00	32.89 1.71 0.00	35.24 1.74 0.00	38.99 1.70 0.00	37.97 1.61 0.00	39.52 1.58 0.00	39.51 1.33 0.00	40.82 1.38 0.00	54.86 1.66 0.00	64.69 2.13 0.00	38.79 1.41 0.00	38.75 1.48 0.00	37.22 1.31 0.00	34.71 1.13 0.00
NARROWS_GT2_3 24238	39.48 1.45 0.00	39.41 1.36 0.00	35.97 1.05 0.00	36.22 1.02 0.00	31.42 0.91 0.00	29.77 0.94 0.00	32.40 0.99 0.00	37.16 1.03 0.00	34.56 1.25 0.00	27.62 1.19 0.00	24.64 1.25 0.00	32.89 1.71 0.00	35.24 1.74 0.00	38.99 1.70 0.00	37.97 1.61 0.00	39.52 1.58 0.00	39.51 1.33 0.00	40.82 1.38 0.00	54.86 1.66 0.00	64.69 2.13 0.00	38.79 1.41 0.00	38.75 1.48 0.00	37.22 1.31 0.00	34.71 1.13 0.00
NARROWS_GT2_4 24239	39.48 1.45 0.00	39.41 1.36 0.00	35.97 1.05 0.00	36.22 1.02 0.00	31.42 0.91 0.00	29.77 0.94 0.00	32.40 0.99 0.00	37.16 1.03 0.00	34.56 1.25 0.00	27.62 1.19 0.00	24.64 1.25 0.00	32.89 1.71 0.00	35.24 1.74 0.00	38.99 1.70 0.00	37.97 1.61 0.00	39.52 1.58 0.00	39.51 1.33 0.00	40.82 1.38 0.00	54.86 1.66 0.00	64.69 2.13 0.00	38.79 1.41 0.00	38.75 1.48 0.00	37.22 1.31 0.00	34.71 1.13 0.00
NARROWS_GT2_5 24240	39.48 1.45 0.00	39.41 1.36 0.00	35.97 1.05 0.00	36.22 1.02 0.00	31.42 0.91 0.00	29.77 0.94 0.00	32.40 0.99 0.00	37.16 1.03 0.00	34.56 1.25 0.00	27.62 1.19 0.00	24.64 1.25 0.00	32.89 1.71 0.00	35.24 1.74 0.00	38.99 1.70 0.00	37.97 1.61 0.00	39.52 1.58 0.00	39.51 1.33 0.00	40.82 1.38 0.00	54.86 1.66 0.00	64.69 2.13 0.00	38.79 1.41 0.00	38.75 1.48 0.00	37.22 1.31 0.00	34.71 1.13 0.00
NARROWS_GT2_6 24241	39.48 1.45 0.00	39.41 1.36 0.00	35.97 1.05 0.00	36.22 1.02 0.00	31.42 0.91 0.00	29.77 0.94 0.00	32.40 0.99 0.00	37.16 1.03 0.00	34.56 1.25 0.00	27.62 1.19 0.00	24.64 1.25 0.00	32.89 1.71 0.00	35.24 1.74 0.00	38.99 1.70 0.00	37.97 1.61 0.00	39.52 1.58 0.00	39.51 1.33 0.00	40.82 1.38 0.00	54.86 1.66 0.00	64.69 2.13 0.00	38.79 1.41 0.00	38.75 1.48 0.00	37.22 1.31 0.00	34.71 1.13 0.00
NARROWS_GT2_7 24242	39.48 1.45 0.00	39.41 1.36 0.00	35.97 1.05 0.00	36.22 1.02 0.00	31.42 0.91 0.00	29.77 0.94 0.00	32.40 0.99 0.00	37.16 1.03 0.00	34.56 1.25 0.00	27.62 1.19 0.00	24.64 1.25 0.00	32.89 1.71 0.00	35.24 1.74 0.00	38.99 1.70 0.00	37.97 1.61 0.00	39.52 1.58 0.00	39.51 1.33 0.00	40.82 1.38 0.00	54.86 1.66 0.00	64.69 2.13 0.00	38.79 1.41 0.00	38.75 1.48 0.00	37.22 1.31 0.00	34.71 1.13 0.00
NARROWS_GT2_8 24243	39.48 1.45 0.00	39.41 1.36 0.00	35.97 1.05 0.00	36.22 1.02 0.00	31.42 0.91 0.00	29.77 0.94 0.00	32.40 0.99 0.00	37.16 1.03 0.00	34.56 1.25 0.00	27.62 1.19 0.00	24.64 1.25 0.00	32.89 1.71 0.00	35.24 1.74 0.00	38.99 1.70 0.00	37.97 1.61 0.00	39.52 1.58 0.00	39.51 1.33 0.00	40.82 1.38 0.00	54.86 1.66 0.00	64.69 2.13 0.00	38.79 1.41 0.00	38.75 1.48 0.00	37.22 1.31 0.00	34.71 1.13 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	38.86 0.83 0.00	38.85 0.80 0.00	35.58 0.66 0.00	35.87 0.68 0.00	31.20 0.69 0.00	29.43 0.60 0.00	32.10 0.70 0.00	36.97 0.84 0.00	34.04 0.73 0.00	26.99 0.57 0.00	23.89 0.50 0.00	31.95 0.77 0.00	34.23 0.72 0.00	37.93 0.64 0.00	37.00 0.63 0.00	39.06 1.12 0.00	39.52 1.34 0.00	40.82 1.38 0.00	54.79 1.59 0.00	64.35 1.79 0.00	38.56 1.18 0.00	38.37 1.09 0.00	36.75 0.84 0.00	34.22 0.64 0.00
NCHELSEA_115KV_TR2 355582	39.59 1.56 0.00	39.50 1.45 0.00	36.08 1.17 0.00	36.37 1.17 0.00	31.54 1.03 0.00	29.80 0.97 0.00	32.46 1.05 0.00	37.34 1.20 0.00	34.59 1.28 0.00	27.60 1.18 0.00	24.60 1.21 0.00	32.89 1.71 0.00	35.32 1.81 0.00	39.24 1.95 0.00	38.25 1.89 0.00	39.87 1.93 0.00	40.05 1.87 0.00	41.34 1.90 0.00	55.59 2.39 0.00	65.54 2.97 0.00	39.25 1.87 0.00	39.17 1.89 0.00	37.51 1.60 0.00	34.92 1.33 0.00
NEG CAPITAL___MECHNVIL 23645	39.34 1.32 0.00	39.30 1.24 0.00	35.91 0.99 0.00	36.24 1.04 0.00	31.46 0.94 0.00	29.72 0.89 0.00	32.42 1.02 0.00	37.27 1.14 0.00	34.23 0.91 0.00	27.13 0.70 0.00	24.14 0.76 0.00	32.25 1.07 0.00	34.57 1.06 0.00	38.39 1.10 0.00	37.51 1.15 0.00	39.33 1.39 0.00	39.77 1.59 0.00	41.09 1.65 0.00	55.20 2.00 0.00	64.93 2.37 0.00	38.96 1.58 0.00	38.79 1.51 0.00	37.18 1.27 0.00	34.59 1.00 0.00
NEG CENTRAL_HIGH_ACRES 23767	37.09 -0.93 0.00	37.16 -0.90 0.00	34.07 -0.85 0.00	34.31 -0.89 0.00	29.66 -0.85 0.00	28.22 -0.61 0.00	30.71 -0.69 0.00	35.44 -0.69 0.00	32.70 -0.61 0.00	25.88 -0.55 0.00	22.72 -0.67 0.00	30.01 -1.17 0.00	32.30 -1.21 0.00	36.05 -1.24 0.00	35.22 -1.14 0.00	36.62 -1.32 0.00	36.69 -1.49 0.00	37.96 -1.48 0.00	51.52 -1.68 0.00	60.38 -2.19 0.00	35.89 -1.49 0.00	35.89 -1.38 0.00	34.84 -1.07 0.00	32.84 -0.75 0.00

NEG CENTRAL___DRP 24199	37.98 -0.04 0.00	38.02 -0.03 0.00	34.83 -0.09 0.00	35.08 -0.11 0.00	30.37 -0.13 0.00	28.81 -0.02 0.00	31.41 0.01 0.00	36.23 0.09 0.00	33.41 0.10 0.00	26.33 -0.10 0.00	23.10 -0.28 0.00	30.65 -0.52 0.00	32.95 -0.57 0.00	36.74 -0.55 0.00	35.89 -0.47 0.00	37.45 -0.49 0.00	37.71 -0.47 0.00	39.02 -0.42 0.00	53.08 -0.13 0.00	62.43 -0.13 0.00	37.23 -0.15 0.00	37.18 -0.09 0.00	35.84 -0.07 0.00	33.59 0.01 0.00
NEG CENTRAL___INDECK 23768	38.68 0.65 0.00	38.77 0.71 0.00	35.49 0.57 0.00	35.63 0.44 0.00	30.79 0.28 0.00	29.43 0.60 0.00	32.03 0.63 0.00	37.06 0.92 0.00	34.29 0.98 0.00	26.89 0.46 0.00	23.27 -0.12 0.00	30.70 -0.48 0.00	33.08 -0.43 0.00	36.91 -0.38 0.00	36.16 -0.20 0.00	37.40 -0.54 0.00	37.74 -0.44 0.00	38.80 -0.64 0.00	53.34 0.14 0.00	62.83 0.26 0.00	37.44 0.06 0.00	37.49 0.21 0.00	36.32 0.41 0.00	34.19 0.60 0.00
NEG CENTRAL___SENECA 23627	38.08 0.05 0.00	38.08 0.02 0.00	34.89 -0.03 0.00	35.10 -0.09 0.00	30.39 -0.12 0.00	28.87 0.04 0.00	31.47 0.07 0.00	36.33 0.20 0.00	33.52 0.21 0.00	26.38 -0.04 0.00	23.14 -0.25 0.00	30.67 -0.51 0.00	32.96 -0.55 0.00	36.78 -0.52 0.00	35.92 -0.44 0.00	37.48 -0.46 0.00	37.72 -0.47 0.00	39.01 -0.43 0.00	53.15 -0.05 0.00	62.52 -0.04 0.00	37.26 -0.12 0.00	37.24 -0.04 0.00	35.93 0.02 0.00	33.69 0.10 0.00
NEG CENTRAL___STATE_STREET 24147	38.01 -0.02 0.00	38.16 0.10 0.00	34.88 -0.04 0.00	35.25 0.05 0.00	30.52 0.01 0.00	28.90 0.07 0.00	31.52 0.12 0.00	36.29 0.16 0.00	33.46 0.14 0.00	26.33 -0.10 0.00	23.18 -0.21 0.00	30.80 -0.39 0.00	33.10 -0.41 0.00	36.91 -0.38 0.00	36.06 -0.30 0.00	37.57 -0.37 0.00	37.93 -0.25 0.00	39.34 -0.10 0.00	53.34 0.14 0.00	62.70 0.14 0.00	37.41 0.03 0.00	37.32 0.05 0.00	35.97 0.06 0.00	33.68 0.10 0.00
NEG MILLWOOD___DRP 24198	39.60 1.58 0.00	39.51 1.45 0.00	36.09 1.17 0.00	36.37 1.18 0.00	31.54 1.03 0.00	29.82 0.99 0.00	32.47 1.06 0.00	37.35 1.21 0.00	34.60 1.29 0.00	27.64 1.21 0.00	24.64 1.25 0.00	32.96 1.78 0.00	35.40 1.89 0.00	39.32 2.03 0.00	38.32 1.95 0.00	39.91 1.97 0.00	40.07 1.89 0.00	41.37 1.94 0.00	55.60 2.40 0.00	65.54 2.98 0.00	39.25 1.87 0.00	39.17 1.89 0.00	37.50 1.59 0.00	34.91 1.32 0.00
NEG NORTH_FLCN_SEA 23793	39.35 1.32 0.00	39.21 1.15 0.00	35.87 0.95 0.00	36.20 1.01 0.00	31.66 1.15 0.00	29.97 1.14 0.00	32.73 1.32 0.00	37.45 1.31 0.00	34.36 1.05 0.00	27.36 0.93 0.00	24.35 0.96 0.00	32.36 1.18 0.00	34.72 1.21 0.00	38.64 1.35 0.00	37.42 1.06 0.00	38.98 1.04 0.00	39.78 1.60 0.00	41.48 2.04 0.00	55.87 2.67 0.00	64.65 2.08 0.00	38.48 1.10 0.00	37.99 0.71 0.00	36.69 0.78 0.00	34.40 0.81 0.00
NEG NORTH_KES_CHATEGAY 23792	38.66 0.63 0.00	38.63 0.58 0.00	35.43 0.51 0.00	35.78 0.59 0.00	31.12 0.61 0.00	29.47 0.64 0.00	32.12 0.72 0.00	36.88 0.74 0.00	33.92 0.61 0.00	26.91 0.49 0.00	23.83 0.44 0.00	31.73 0.55 0.00	34.11 0.61 0.00	37.94 0.65 0.00	36.81 0.45 0.00	38.32 0.38 0.00	38.91 0.73 0.00	40.60 1.16 0.00	54.87 1.66 0.00	63.97 1.41 0.00	37.96 0.58 0.00	37.62 0.34 0.00	36.42 0.51 0.00	34.15 0.56 0.00
NEG NORTH___ALICE_FALLS 23915	39.33 1.30 0.00	39.22 1.17 0.00	35.90 0.98 0.00	36.23 1.04 0.00	31.64 1.13 0.00	29.97 1.14 0.00	32.72 1.31 0.00	37.47 1.34 0.00	34.40 1.09 0.00	27.31 0.88 0.00	24.26 0.87 0.00	32.26 1.08 0.00	34.63 1.12 0.00	38.52 1.23 0.00	37.32 0.96 0.00	38.86 0.92 0.00	39.84 1.66 0.00	41.65 2.21 0.00	56.19 2.98 0.00	64.86 2.29 0.00	38.54 1.16 0.00	38.06 0.78 0.00	36.78 0.87 0.00	34.48 0.89 0.00
NEG NORTH___LWR_SARANAC 23913	39.33 1.30 0.00	39.22 1.17 0.00	35.90 0.98 0.00	36.23 1.04 0.00	31.64 1.13 0.00	29.97 1.14 0.00	32.72 1.31 0.00	37.47 1.34 0.00	34.40 1.09 0.00	27.31 0.88 0.00	24.26 0.87 0.00	32.26 1.08 0.00	34.63 1.12 0.00	38.52 1.23 0.00	37.32 0.96 0.00	38.86 0.92 0.00	39.84 1.66 0.00	41.65 2.21 0.00	56.19 2.98 0.00	64.86 2.29 0.00	38.54 1.16 0.00	38.06 0.78 0.00	36.78 0.87 0.00	34.48 0.89 0.00
NEG NORTH___PLATTSBURG 23628	39.33 1.30 0.00	39.22 1.17 0.00	35.90 0.98 0.00	36.23 1.04 0.00	31.64 1.13 0.00	29.97 1.14 0.00	32.72 1.31 0.00	37.47 1.34 0.00	34.40 1.08 0.00	27.31 0.88 0.00	24.26 0.87 0.00	32.26 1.08 0.00	34.63 1.12 0.00	38.52 1.23 0.00	37.32 0.95 0.00	38.86 0.92 0.00	39.84 1.66 0.00	41.65 2.21 0.00	56.18 2.98 0.00	64.85 2.29 0.00	38.54 1.16 0.00	38.06 0.78 0.00	36.78 0.87 0.00	34.48 0.89 0.00
NEG WEST_LEA_LOCKPORT 23791	37.27 -0.76 0.00	37.52 -0.54 0.00	34.42 -0.50 0.00	34.61 -0.58 0.00	29.80 -0.71 0.00	28.63 -0.19 0.00	30.97 -0.43 0.00	35.77 -0.37 0.00	33.07 -0.23 0.00	26.29 -0.13 0.00	23.04 -0.35 0.00	30.07 -1.11 0.00	32.40 -1.11 0.00	36.10 -1.20 0.00	35.27 -1.09 0.00	36.28 -1.66 0.00	35.61 -2.57 0.00	36.43 -3.01 0.00	49.68 -3.52 0.00	57.86 -4.70 0.00	34.32 -3.06 0.00	34.68 -2.60 0.00	34.38 -1.53 0.00	32.98 -0.60 0.00
NEG WEST___LANCASTR 23811	37.31 -0.72 0.00	37.53 -0.53 0.00	34.35 -0.56 0.00	34.55 -0.64 0.00	29.80 -0.71 0.00	28.56 -0.27 0.00	30.93 -0.47 0.00	35.74 -0.39 0.00	33.10 -0.21 0.00	26.30 -0.12 0.00	23.08 -0.31 0.00	30.28 -0.90 0.00	32.56 -0.95 0.00	36.30 -0.99 0.00	35.39 -0.97 0.00	36.45 -1.50 0.00	36.05 -2.13 0.00	36.99 -2.45 0.00	50.40 -2.80 0.00	58.84 -3.73 0.00	34.93 -2.45 0.00	35.23 -2.05 0.00	34.63 -1.29 0.00	33.03 -0.55 0.00
NEG_PENN_ALLEGHNY 23528	38.22 0.20 0.00	38.28 0.23 0.00	35.05 0.13 0.00	35.27 0.08 0.00	30.55 0.04 0.00	28.91 0.08 0.00	31.49 0.09 0.00	36.28 0.14 0.00	33.50 0.19 0.00	26.52 0.09 0.00	23.40 0.01 0.00	31.17 -0.01 0.00	33.45 -0.06 0.00	37.26 -0.04 0.00	36.35 -0.01 0.00	37.95 0.01 0.00	38.19 0.01 0.00	39.41 -0.03 0.00	53.38 0.18 0.00	62.74 0.18 0.00	37.46 0.08 0.00	37.44 0.16 0.00	36.06 0.15 0.00	33.71 0.13 0.00
NEG___GEN_MONROE 24207	38.05 0.02 0.00	38.11 0.05 0.00	35.04 0.12 0.00	35.24 0.05 0.00	30.36 -0.14 0.00	29.01 0.17 0.00	31.57 0.16 0.00	36.43 0.29 0.00	33.59 0.28 0.00	26.57 0.14 0.00	23.27 -0.12 0.00	30.58 -0.60 0.00	32.89 -0.61 0.00	36.72 -0.58 0.00	35.91 -0.46 0.00	37.23 -0.71 0.00	37.17 -1.01 0.00	38.41 -1.03 0.00	52.30 -0.91 0.00	61.21 -1.35 0.00	36.36 -1.01 0.00	36.43 -0.84 0.00	35.53 -0.38 0.00	33.61 0.03 0.00
NEPA___ENERGY 23901	37.44 -0.59 0.00	37.57 -0.49 0.00	34.19 -0.73 0.00	34.38 -0.81 0.00	29.68 -0.83 0.00	28.39 -0.45 0.00	30.82 -0.58 0.00	35.65 -0.49 0.00	33.11 -0.20 0.00	26.26 -0.16 0.00	23.08 -0.31 0.00	30.56 -0.62 0.00	32.77 -0.74 0.00	36.52 -0.77 0.00	35.45 -0.91 0.00	36.59 -1.35 0.00	36.40 -1.78 0.00	37.39 -2.05 0.00	50.84 -2.37 0.00	59.54 -3.03 0.00	35.39 -1.99 0.00	35.62 -1.66 0.00	34.83 -1.08 0.00	33.08 -0.50 0.00

NEVERSINK___HYD 23608	39.15 1.12 0.00	39.10 1.04 0.00	35.72 0.81 0.00	35.98 0.79 0.00	31.19 0.68 0.00	29.46 0.63 0.00	32.09 0.69 0.00	36.93 0.80 0.00	34.23 0.92 0.00	27.29 0.87 0.00	24.26 0.87 0.00	32.41 1.24 0.00	34.60 1.09 0.00	37.46 0.17 0.00	36.53 0.16 0.00	38.16 0.22 0.00	38.45 0.27 0.00	39.74 0.30 0.00	53.68 0.47 0.00	64.98 2.41 0.00	38.86 1.49 0.00	38.78 1.50 0.00	37.14 1.23 0.00	34.57 0.98 0.00
NEWKRMKL_115KV_TB1 55635	38.23 0.20 0.00	38.23 0.17 0.00	35.01 0.09 0.00	35.30 0.10 0.00	30.72 0.21 0.00	28.97 0.14 0.00	31.57 0.16 0.00	36.30 0.16 0.00	33.40 0.09 0.00	26.57 0.14 0.00	23.63 0.24 0.00	31.57 0.39 0.00	33.80 0.29 0.00	37.58 0.28 0.00	36.69 0.33 0.00	38.39 0.45 0.00	38.66 0.48 0.00	39.84 0.40 0.00	53.48 0.28 0.00	62.98 0.42 0.00	37.79 0.41 0.00	37.64 0.37 0.00	36.10 0.19 0.00	33.67 0.08 0.00
NEWTON___FALLS_HYD 23847	38.89 0.86 0.00	38.78 0.73 0.00	35.60 0.68 0.00	36.02 0.83 0.00	31.30 0.79 0.00	29.62 0.80 0.00	32.27 0.87 0.00	37.26 1.13 0.00	34.15 0.84 0.00	26.76 0.34 0.00	23.48 0.09 0.00	31.25 0.08 0.00	33.62 0.11 0.00	37.32 0.03 0.00	36.25 -0.11 0.00	37.85 -0.09 0.00	38.55 0.37 0.00	39.98 0.54 0.00	54.62 1.42 0.00	64.22 1.66 0.00	38.22 0.84 0.00	38.07 0.80 0.00	36.79 0.88 0.00	34.43 0.84 0.00
NGRID_A1_DSASP 323792	36.99 -1.04 0.00	37.22 -0.83 0.00	34.17 -0.74 0.00	34.38 -0.82 0.00	29.58 -0.92 0.00	28.43 -0.40 0.00	30.73 -0.67 0.00	35.48 -0.66 0.00	32.83 -0.48 0.00	26.13 -0.30 0.00	22.93 -0.46 0.00	29.95 -1.23 0.00	32.29 -1.22 0.00	35.98 -1.32 0.00	35.13 -1.23 0.00	36.11 -1.84 0.00	35.45 -2.73 0.00	36.14 -3.30 0.00	48.99 -4.21 0.00	56.99 -5.58 0.00	33.76 -3.62 0.00	34.13 -3.15 0.00	33.86 -2.05 0.00	32.56 -1.03 0.00
NGRID_A2_DSASP 323793	36.99 -1.04 0.00	37.22 -0.83 0.00	34.17 -0.74 0.00	34.38 -0.82 0.00	29.58 -0.92 0.00	28.43 -0.40 0.00	30.73 -0.67 0.00	35.48 -0.66 0.00	32.83 -0.48 0.00	26.13 -0.30 0.00	22.93 -0.46 0.00	29.95 -1.23 0.00	32.29 -1.22 0.00	35.98 -1.32 0.00	35.13 -1.23 0.00	36.11 -1.84 0.00	35.45 -2.73 0.00	36.14 -3.30 0.00	48.99 -4.21 0.00	56.99 -5.58 0.00	33.76 -3.62 0.00	34.13 -3.15 0.00	33.86 -2.05 0.00	32.56 -1.03 0.00
NGRID_A4_DSASP 323807	36.99 -1.04 0.00	37.22 -0.83 0.00	34.17 -0.74 0.00	34.38 -0.82 0.00	29.58 -0.92 0.00	28.43 -0.40 0.00	30.73 -0.67 0.00	35.48 -0.66 0.00	32.83 -0.48 0.00	26.13 -0.30 0.00	22.93 -0.46 0.00	29.95 -1.23 0.00	32.29 -1.22 0.00	35.98 -1.32 0.00	35.13 -1.23 0.00	36.11 -1.84 0.00	35.45 -2.73 0.00	36.14 -3.30 0.00	48.99 -4.21 0.00	56.99 -5.58 0.00	33.76 -3.62 0.00	34.13 -3.15 0.00	33.86 -2.05 0.00	32.56 -1.03 0.00
NIAGARA_115E_LBMP 323715	36.89 -1.14 0.00	37.12 -0.93 0.00	34.08 -0.83 0.00	34.28 -0.92 0.00	29.50 -1.01 0.00	28.36 -0.47 0.00	30.66 -0.74 0.00	35.38 -0.75 0.00	32.71 -0.60 0.00	26.04 -0.39 0.00	22.84 -0.55 0.00	29.79 -1.39 0.00	32.10 -1.41 0.00	35.75 -1.54 0.00	34.95 -1.42 0.00	35.96 -1.98 0.00	35.13 -3.05 0.00	35.86 -3.58 0.00	48.84 -4.36 0.00	56.81 -5.75 0.00	33.70 -3.68 0.00	34.10 -3.18 0.00	33.94 -1.97 0.00	32.64 -0.95 0.00
NIAGARA_115W_LBMP 323714	36.95 -1.08 0.00	37.18 -0.88 0.00	34.14 -0.78 0.00	34.33 -0.86 0.00	29.55 -0.96 0.00	28.39 -0.44 0.00	30.69 -0.71 0.00	35.43 -0.71 0.00	32.79 -0.52 0.00	26.09 -0.33 0.00	22.90 -0.49 0.00	29.92 -1.26 0.00	32.25 -1.26 0.00	35.93 -1.36 0.00	35.08 -1.28 0.00	36.06 -1.88 0.00	35.41 -2.77 0.00	36.09 -3.35 0.00	48.89 -4.31 0.00	56.87 -5.69 0.00	33.70 -3.68 0.00	34.07 -3.21 0.00	33.80 -2.11 0.00	32.50 -1.09 0.00
NIAGARA_230_LBMP 323716	37.05 -0.98 0.00	37.27 -0.78 0.00	34.20 -0.71 0.00	34.41 -0.79 0.00	29.62 -0.89 0.00	28.45 -0.38 0.00	30.76 -0.64 0.00	35.51 -0.63 0.00	32.86 -0.45 0.00	26.14 -0.28 0.00	22.94 -0.45 0.00	29.99 -1.19 0.00	32.32 -1.19 0.00	36.01 -1.28 0.00	35.17 -1.20 0.00	36.17 -1.78 0.00	35.53 -2.65 0.00	36.31 -3.13 0.00	49.39 -3.81 0.00	57.50 -5.06 0.00	34.08 -3.30 0.00	34.43 -2.85 0.00	34.11 -1.80 0.00	32.76 -0.83 0.00
NIAGARA___115KV_198_GIBSON 55903	36.93 -1.10 0.00	37.18 -0.88 0.00	34.14 -0.78 0.00	34.32 -0.87 0.00	29.55 -0.96 0.00	28.39 -0.44 0.00	30.69 -0.71 0.00	35.44 -0.70 0.00	32.79 -0.52 0.00	26.09 -0.33 0.00	22.90 -0.49 0.00	29.92 -1.26 0.00	32.25 -1.25 0.00	35.93 -1.36 0.00	35.09 -1.27 0.00	36.05 -1.90 0.00	35.41 -2.77 0.00	36.09 -3.35 0.00	48.89 -4.31 0.00	56.86 -5.70 0.00	33.71 -3.67 0.00	34.07 -3.21 0.00	33.80 -2.11 0.00	32.50 -1.09 0.00
NIAGARA____ 23760	37.05 -0.98 0.00	37.27 -0.78 0.00	34.20 -0.71 0.00	34.41 -0.79 0.00	29.62 -0.89 0.00	28.45 -0.38 0.00	30.76 -0.64 0.00	35.51 -0.63 0.00	32.86 -0.45 0.00	26.14 -0.28 0.00	22.94 -0.45 0.00	29.99 -1.19 0.00	32.32 -1.19 0.00	36.01 -1.28 0.00	35.17 -1.20 0.00	36.17 -1.78 0.00	35.53 -2.65 0.00	36.31 -3.13 0.00	49.39 -3.81 0.00	57.50 -5.06 0.00	34.08 -3.30 0.00	34.43 -2.85 0.00	34.11 -1.80 0.00	32.76 -0.83 0.00
NINE_MILE_1 23575	36.86 -1.17 0.00	36.89 -1.16 0.00	33.83 -1.08 0.00	34.10 -1.09 0.00	29.55 -0.95 0.00	27.95 -0.88 0.00	30.44 -0.96 0.00	35.06 -1.08 0.00	32.33 -0.98 0.00	25.60 -0.83 0.00	22.62 -0.77 0.00	30.11 -1.08 0.00	32.35 -1.16 0.00	36.03 -1.27 0.00	35.15 -1.22 0.00	36.67 -1.27 0.00	36.90 -1.28 0.00	38.11 -1.33 0.00	51.49 -1.71 0.00	60.52 -2.05 0.00	36.14 -1.24 0.00	36.06 -1.22 0.00	34.79 -1.13 0.00	32.56 -1.03 0.00
NINE_MILE_2 23744	36.86 -1.16 0.00	36.89 -1.16 0.00	33.83 -1.08 0.00	34.10 -1.09 0.00	29.55 -0.95 0.00	27.95 -0.88 0.00	30.45 -0.96 0.00	35.06 -1.08 0.00	32.33 -0.98 0.00	25.60 -0.83 0.00	22.62 -0.77 0.00	30.11 -1.08 0.00	32.35 -1.16 0.00	36.03 -1.27 0.00	35.15 -1.21 0.00	36.67 -1.27 0.00	36.90 -1.28 0.00	38.11 -1.33 0.00	51.49 -1.71 0.00	60.52 -2.04 0.00	36.14 -1.24 0.00	36.06 -1.22 0.00	34.79 -1.12 0.00	32.56 -1.03 0.00
NM_CAPITAL___DRP 24208	38.33 0.30 0.00	38.32 0.26 0.00	35.07 0.16 0.00	35.39 0.19 0.00	30.78 0.27 0.00	29.03 0.19 0.00	31.63 0.22 0.00	36.35 0.22 0.00	33.46 0.15 0.00	26.62 0.20 0.00	23.68 0.29 0.00	31.63 0.45 0.00	33.87 0.36 0.00	37.68 0.38 0.00	36.77 0.41 0.00	38.47 0.53 0.00	38.73 0.56 0.00	39.92 0.48 0.00	53.55 0.35 0.00	63.08 0.52 0.00	37.86 0.49 0.00	37.75 0.47 0.00	36.18 0.27 0.00	33.74 0.15 0.00
NM_CENTRAL___DRP 24181	37.53 -0.50 0.00	37.55 -0.51 0.00	34.43 -0.49 0.00	34.69 -0.50 0.00	30.05 -0.45 0.00	28.43 -0.40 0.00	30.97 -0.43 0.00	35.68 -0.45 0.00	32.90 -0.41 0.00	26.05 -0.38 0.00	22.97 -0.42 0.00	30.57 -0.61 0.00	32.84 -0.67 0.00	36.58 -0.72 0.00	35.71 -0.65 0.00	37.29 -0.65 0.00	37.51 -0.67 0.00	38.77 -0.67 0.00	52.42 -0.79 0.00	61.58 -0.98 0.00	36.77 -0.61 0.00	36.69 -0.59 0.00	35.42 -0.49 0.00	33.14 -0.45 0.00

NM_FRONTIER___DRP 24179	36.93 -1.10 0.00	37.18 -0.88 0.00	34.14 -0.78 0.00	34.32 -0.87 0.00	29.55 -0.96 0.00	28.39 -0.44 0.00	30.69 -0.71 0.00	35.44 -0.70 0.00	32.79 -0.52 0.00	26.09 -0.33 0.00	22.90 -0.49 0.00	29.92 -1.26 0.00	32.25 -1.25 0.00	35.93 -1.36 0.00	35.09 -1.27 0.00	36.05 -1.90 0.00	35.41 -2.77 0.00	36.09 -3.35 0.00	48.89 -4.31 0.00	56.86 -5.70 0.00	33.71 -3.67 0.00	34.07 -3.21 0.00	33.80 -2.11 0.00	32.50 -1.09 0.00
NM_ST_REGIS___HYD 24053	39.11 1.08 0.00	39.08 1.02 0.00	35.89 0.97 0.00	36.24 1.04 0.00	31.47 0.96 0.00	29.81 0.98 0.00	32.52 1.11 0.00	37.44 1.30 0.00	34.40 1.09 0.00	27.08 0.65 0.00	23.84 0.46 0.00	31.75 0.57 0.00	34.17 0.66 0.00	37.99 0.70 0.00	36.91 0.54 0.00	38.45 0.51 0.00	39.25 1.07 0.00	40.56 1.12 0.00	55.11 1.90 0.00	64.46 1.90 0.00	38.38 1.00 0.00	38.28 1.00 0.00	37.04 1.12 0.00	34.72 1.13 0.00
NORTHPORT___1 23551	39.18 1.15 0.00	38.63 0.58 0.00	35.43 0.51 0.00	35.65 0.45 0.00	30.86 0.35 0.00	29.32 0.50 0.00	31.71 0.31 0.00	36.31 0.17 0.00	33.64 0.34 0.01	26.92 0.50 0.00	24.56 1.14 -0.03	32.85 1.72 0.05	35.45 1.82 -0.12	39.16 1.87 0.00	37.82 1.45 0.00	38.87 0.93 0.00	38.89 0.70 0.00	40.07 0.63 0.00	53.54 0.36 0.03	45.46 0.69 17.79	37.94 0.57 0.00	37.93 0.65 0.00	36.35 0.44 0.00	33.94 0.35 0.00
NORTHPORT___2 23552	39.18 1.15 0.00	38.63 0.58 0.00	35.43 0.51 0.00	35.65 0.45 0.00	30.86 0.35 0.00	29.32 0.50 0.00	31.71 0.31 0.00	36.31 0.17 0.00	33.64 0.34 0.01	26.92 0.50 0.00	24.56 1.14 -0.03	32.85 1.72 0.05	35.45 1.82 -0.12	39.16 1.87 0.00	37.82 1.45 0.00	38.87 0.93 0.00	38.89 0.70 0.00	40.07 0.63 0.00	53.54 0.36 0.03	45.46 0.69 17.79	37.94 0.57 0.00	37.93 0.65 0.00	36.35 0.44 0.00	33.94 0.35 0.00
NORTHPORT___3 23553	38.87 0.84 0.00	38.38 0.32 0.00	35.20 0.28 0.00	35.43 0.23 0.00	30.68 0.17 0.00	29.11 0.28 0.00	31.50 0.10 0.00	36.07 -0.07 0.00	33.39 0.08 0.01	26.78 0.36 0.00	24.39 0.97 -0.03	32.66 1.52 0.04	35.24 1.59 -0.14	38.88 1.59 0.00	37.55 1.19 0.00	38.63 0.69 0.00	38.61 0.43 0.00	39.83 0.39 0.00	53.20 0.03 0.03	45.35 0.31 17.53	37.72 0.35 0.00	37.71 0.43 0.00	36.15 0.24 0.00	33.74 0.15 0.00
NORTHPORT___4 23650	38.87 0.84 0.00	38.38 0.32 0.00	35.20 0.28 0.00	35.43 0.23 0.00	30.68 0.17 0.00	29.11 0.28 0.00	31.50 0.10 0.00	36.07 -0.07 0.00	33.39 0.08 0.01	26.78 0.36 0.00	24.39 0.97 -0.03	32.66 1.52 0.04	35.24 1.59 -0.14	38.88 1.59 0.00	37.55 1.19 0.00	38.63 0.69 0.00	38.61 0.43 0.00	39.83 0.39 0.00	53.20 0.03 0.03	45.35 0.31 17.53	37.72 0.35 0.00	37.71 0.43 0.00	36.15 0.24 0.00	33.74 0.15 0.00
NORTHPORT___IC 23718	39.18 1.15 0.00	38.63 0.57 0.00	35.43 0.52 0.00	35.65 0.45 0.00	30.86 0.35 0.00	29.32 0.49 0.00	31.71 0.31 0.00	36.30 0.17 0.00	33.64 0.33 0.01	26.92 0.50 0.00	24.56 1.14 -0.03	32.85 1.72 0.05	35.46 1.82 -0.12	39.16 1.87 0.00	37.82 1.45 0.00	38.86 0.92 0.00	38.88 0.70 0.00	40.07 0.64 0.00	53.54 0.36 0.03	45.47 0.70 17.79	37.94 0.57 0.00	37.93 0.65 0.00	36.35 0.44 0.00	33.94 0.35 0.00
NORTH___COUNTRY_ESR 323785	38.57 0.54 0.00	38.55 0.50 0.00	35.37 0.45 0.00	35.71 0.52 0.00	31.06 0.55 0.00	29.39 0.57 0.00	32.05 0.64 0.00	36.80 0.66 0.00	33.87 0.56 0.00	26.91 0.48 0.00	23.82 0.43 0.00	31.73 0.55 0.00	34.11 0.60 0.00	37.93 0.64 0.00	36.81 0.44 0.00	38.31 0.37 0.00	38.90 0.72 0.00	40.44 1.00 0.00	54.64 1.43 0.00	63.73 1.17 0.00	37.87 0.50 0.00	37.55 0.28 0.00	36.34 0.42 0.00	34.08 0.49 0.00
NPX_GEN_1385_PROXY 323591	38.99 0.97 0.00	38.45 0.40 0.00	35.20 0.28 0.00	35.28 0.09 0.00	30.46 -0.04 0.00	29.12 0.30 0.00	31.44 0.03 0.00	35.86 -0.14 0.13	33.52 0.21 0.01	26.64 0.22 0.00	24.31 0.89 -0.03	32.47 1.34 0.05	35.02 1.39 -0.12	38.91 1.62 0.00	37.58 1.22 0.00	38.60 0.66 0.00	38.88 0.70 0.00	39.96 0.52 0.00	53.07 -0.10 0.03	44.96 0.19 17.79	37.64 0.27 0.00	37.63 0.36 0.00	35.94 0.02 0.00	33.53 -0.06 0.00
NPX_GEN_CSC 323557	39.01 0.99 0.00	38.45 0.39 0.00	35.14 0.22 0.00	35.33 0.14 0.00	30.59 0.09 0.00	29.08 0.25 0.00	31.49 0.09 0.00	35.95 -0.05 0.13	33.30 -0.01 0.01	26.64 0.21 0.00	24.44 1.02 -0.03	32.55 1.41 0.03	35.17 1.51 -0.15	38.81 1.52 0.00	37.50 1.14 0.00	38.63 0.68 0.00	38.70 0.52 0.00	39.91 0.47 0.00	53.18 0.01 0.03	45.30 0.28 17.54	37.75 0.37 0.00	37.66 0.38 0.00	36.00 0.09 0.00	33.51 -0.07 0.00
NSINS_S_GLNS_FALLS 23858	39.38 1.35 0.00	39.28 1.22 0.00	35.85 0.93 0.00	36.13 0.93 0.00	31.44 0.93 0.00	29.74 0.91 0.00	32.48 1.07 0.00	37.31 1.18 0.00	34.26 0.95 0.00	27.07 0.64 0.00	24.11 0.72 0.00	32.22 1.04 0.00	34.54 1.03 0.00	38.32 1.03 0.00	37.43 1.06 0.00	39.31 1.37 0.00	39.89 1.71 0.00	41.25 1.81 0.00	55.38 2.17 0.00	65.19 2.63 0.00	39.17 1.79 0.00	38.94 1.66 0.00	37.30 1.39 0.00	34.53 0.94 0.00
NUCOR_STEEL___DRP 24197	37.96 -0.07 0.00	38.13 0.08 0.00	34.84 -0.07 0.00	35.23 0.04 0.00	30.49 -0.02 0.00	28.88 0.05 0.00	31.49 0.09 0.00	36.26 0.12 0.00	33.42 0.11 0.00	26.31 -0.12 0.00	23.17 -0.22 0.00	30.79 -0.39 0.00	33.10 -0.41 0.00	36.90 -0.39 0.00	36.06 -0.31 0.00	37.55 -0.39 0.00	37.93 -0.26 0.00	39.31 -0.13 0.00	53.30 0.10 0.00	62.64 0.07 0.00	37.37 -0.01 0.00	37.29 0.01 0.00	35.94 0.03 0.00	33.65 0.06 0.00
NUMBER_THREE_WT_PWR 323818	38.76 0.73 0.00	38.55 0.49 0.00	35.32 0.40 0.00	35.87 0.68 0.00	31.22 0.71 0.00	29.51 0.68 0.00	32.08 0.68 0.00	37.12 0.99 0.00	33.98 0.67 0.00	26.59 0.17 0.00	23.30 -0.08 0.00	30.99 -0.19 0.00	33.36 -0.15 0.00	36.99 -0.30 0.00	35.91 -0.45 0.00	37.62 -0.32 0.00	38.23 0.05 0.00	39.89 0.45 0.00	54.71 1.51 0.00	64.38 1.82 0.00	38.18 0.80 0.00	37.86 0.58 0.00	36.53 0.62 0.00	34.14 0.56 0.00
NYISO_LBMP_REFERENCE 24008	38.03 0.00 0.00	38.06 0.00 0.00	34.92 0.00 0.00	35.19 0.00 0.00	30.51 0.00 0.00	28.83 0.00 0.00	31.40 0.00 0.00	36.14 0.00 0.00	33.31 0.00 0.00	26.42 0.00 0.00	23.39 0.00 0.00	31.18 0.00 0.00	33.51 0.00 0.00	37.29 0.00 0.00	36.36 0.00 0.00	37.94 0.00 0.00	38.18 0.00 0.00	39.44 0.00 0.00	53.20 0.00 0.00	62.56 0.00 0.00	37.38 0.00 0.00	37.28 0.00 0.00	35.91 0.00 0.00	33.58 0.00 0.00
NYPA_BRENTWD____GT 24164	39.48 1.45 0.00	38.91 0.86 0.00	35.65 0.74 0.00	35.89 0.70 0.00	31.07 0.56 0.00	29.49 0.66 0.00	31.94 0.54 0.00	36.57 0.44 0.00	33.93 0.62 0.01	27.15 0.73 0.00	24.75 1.31 -0.05	33.08 1.90 0.00	35.77 2.05 -0.21	39.50 2.21 0.00	38.15 1.79 0.00	39.29 1.35 0.00	39.36 1.18 0.00	40.58 1.14 0.00	54.14 0.97 0.03	47.03 1.35 16.89	38.38 1.01 0.00	38.33 1.05 0.00	36.71 0.80 0.00	34.23 0.65 0.00

NYPA_GOWANUS____GT5 24156	39.48 1.45 0.00	39.41 1.36 0.00	35.97 1.05 0.00	36.22 1.02 0.00	31.42 0.91 0.00	29.77 0.94 0.00	32.40 0.99 0.00	37.16 1.03 0.00	34.56 1.25 0.00	27.62 1.19 0.00	24.64 1.25 0.00	32.89 1.71 0.00	35.24 1.74 0.00	38.99 1.70 0.00	37.97 1.61 0.00	39.52 1.58 0.00	39.51 1.33 0.00	40.82 1.38 0.00	54.86 1.66 0.00	64.69 2.13 0.00	38.79 1.41 0.00	38.75 1.48 0.00	37.22 1.31 0.00	34.71 1.13 0.00
NYPA_GOWANUS____GT6 24157	39.48 1.45 0.00	39.41 1.36 0.00	35.97 1.05 0.00	36.22 1.02 0.00	31.42 0.91 0.00	29.77 0.94 0.00	32.40 0.99 0.00	37.16 1.03 0.00	34.56 1.25 0.00	27.62 1.19 0.00	24.64 1.25 0.00	32.89 1.71 0.00	35.24 1.74 0.00	38.99 1.70 0.00	37.97 1.61 0.00	39.52 1.58 0.00	39.51 1.33 0.00	40.82 1.38 0.00	54.86 1.66 0.00	64.69 2.13 0.00	38.79 1.41 0.00	38.75 1.48 0.00	37.22 1.31 0.00	34.71 1.13 0.00
NYPA_HARLEM__RVR__GT1 24160	39.54 1.52 0.00	39.47 1.41 0.00	35.98 1.06 0.00	35.89 0.71 0.01	31.16 0.66 0.01	29.59 0.76 0.00	32.21 0.81 0.00	36.98 0.84 0.00	34.36 1.04 0.00	27.43 1.00 0.00	24.49 1.10 0.00	32.76 1.59 0.00	35.18 1.68 0.00	39.00 1.70 0.00	37.96 1.60 0.00	39.52 1.58 0.00	39.55 1.36 0.00	40.79 1.35 0.00	54.81 1.61 0.00	64.64 2.07 0.00	38.76 1.38 0.00	38.77 1.49 0.00	37.16 1.25 0.00	34.65 1.06 0.00
NYPA_HARLEM__RVR__GT2 24161	39.54 1.52 0.00	39.47 1.41 0.00	35.98 1.06 0.00	35.89 0.71 0.01	31.16 0.66 0.01	29.59 0.76 0.00	32.21 0.81 0.00	36.98 0.84 0.00	34.36 1.04 0.00	27.43 1.00 0.00	24.49 1.10 0.00	32.76 1.59 0.00	35.18 1.68 0.00	39.00 1.70 0.00	37.96 1.60 0.00	39.52 1.58 0.00	39.55 1.36 0.00	40.79 1.35 0.00	54.81 1.61 0.00	64.64 2.07 0.00	38.76 1.38 0.00	38.77 1.49 0.00	37.16 1.25 0.00	34.65 1.06 0.00
NYPA_KENT____GT 24152	39.51 1.48 0.00	39.44 1.39 0.00	35.99 1.08 0.00	36.23 1.04 0.00	31.44 0.93 0.00	29.79 0.96 0.00	32.42 1.01 0.00	37.18 1.05 0.00	34.56 1.25 0.00	27.62 1.20 0.00	24.65 1.26 0.00	32.92 1.74 0.00	35.31 1.80 0.00	39.07 1.78 0.00	38.03 1.67 0.00	39.57 1.63 0.00	39.59 1.41 0.00	40.89 1.45 0.00	54.92 1.72 0.00	64.76 2.19 0.00	38.83 1.45 0.00	38.80 1.52 0.00	37.26 1.34 0.00	34.74 1.16 0.00
NYPA_POUCH1____GT 24155	39.40 1.38 0.00	39.36 1.31 0.00	35.92 1.00 0.00	36.24 1.05 0.00	31.44 0.93 0.00	29.79 0.96 0.00	32.42 1.01 0.00	37.16 1.02 0.00	34.59 1.28 0.00	27.63 1.20 0.00	24.64 1.26 0.00	32.81 1.64 0.00	35.09 1.58 0.00	38.79 1.50 0.00	37.81 1.45 0.00	39.35 1.41 0.00	39.37 1.18 0.00	40.68 1.24 0.00	54.67 1.47 0.00	64.48 1.92 0.00	38.68 1.30 0.00	38.63 1.36 0.00	37.13 1.22 0.00	34.65 1.07 0.00
NYPA_VERNON____GT2 24162	39.54 1.52 0.00	39.47 1.42 0.00	36.02 1.10 0.00	36.25 1.06 0.00	31.46 0.95 0.00	29.80 0.97 0.00	32.43 1.03 0.00	37.21 1.07 0.00	34.55 1.24 0.00	27.63 1.21 0.00	24.66 1.27 0.00	32.97 1.79 0.00	35.37 1.87 0.00	39.16 1.86 0.00	38.10 1.74 0.00	39.63 1.69 0.00	39.68 1.50 0.00	40.96 1.52 0.00	54.99 1.79 0.00	64.83 2.27 0.00	38.87 1.49 0.00	38.85 1.58 0.00	37.29 1.38 0.00	34.79 1.20 0.00
NYPA_VERNON____GT3 24163	39.54 1.52 0.00	39.47 1.42 0.00	36.02 1.10 0.00	36.25 1.06 0.00	31.46 0.95 0.00	29.80 0.97 0.00	32.43 1.03 0.00	37.21 1.07 0.00	34.55 1.24 0.00	27.63 1.21 0.00	24.66 1.27 0.00	32.97 1.79 0.00	35.37 1.87 0.00	39.16 1.86 0.00	38.10 1.74 0.00	39.63 1.69 0.00	39.68 1.50 0.00	40.96 1.52 0.00	54.99 1.79 0.00	64.83 2.27 0.00	38.87 1.49 0.00	38.85 1.58 0.00	37.29 1.38 0.00	34.79 1.20 0.00
NYPA__ASTORIA_CC1 323568	39.52 1.49 0.00	39.46 1.41 0.00	36.00 1.09 0.00	36.20 1.01 0.00	31.42 0.91 0.00	29.78 0.95 0.00	32.41 1.01 0.00	37.16 1.03 0.00	34.53 1.22 0.00	27.61 1.18 0.00	24.64 1.25 0.00	32.94 1.76 0.00	35.34 1.83 0.00	39.11 1.82 0.00	38.05 1.69 0.00	39.60 1.66 0.00	39.63 1.45 0.00	40.90 1.46 0.00	54.91 1.71 0.00	64.73 2.17 0.00	38.83 1.45 0.00	38.81 1.53 0.00	37.26 1.35 0.00	34.76 1.17 0.00
NYPA__ASTORIA_CC2 323569	39.52 1.49 0.00	39.46 1.41 0.00	36.00 1.09 0.00	36.20 1.01 0.00	31.42 0.91 0.00	29.78 0.95 0.00	32.41 1.01 0.00	37.16 1.03 0.00	34.53 1.22 0.00	27.61 1.18 0.00	24.64 1.25 0.00	32.94 1.76 0.00	35.34 1.83 0.00	39.11 1.82 0.00	38.05 1.69 0.00	39.60 1.66 0.00	39.63 1.45 0.00	40.90 1.46 0.00	54.91 1.71 0.00	64.73 2.17 0.00	38.83 1.45 0.00	38.81 1.53 0.00	37.26 1.35 0.00	34.76 1.17 0.00
NYPA__HOLTSVILL 23794	39.27 1.25 0.00	38.72 0.66 0.00	35.43 0.51 0.00	35.64 0.45 0.00	30.86 0.35 0.00	29.32 0.49 0.00	31.74 0.34 0.00	36.38 0.24 0.00	33.63 0.33 0.01	26.89 0.47 0.00	24.57 1.15 -0.03	32.81 1.67 0.04	35.43 1.78 -0.14	39.12 1.82 0.00	37.80 1.44 0.00	38.94 1.00 0.00	39.01 0.83 0.00	40.22 0.78 0.00	53.59 0.42 0.03	45.74 0.76 17.59	38.06 0.68 0.00	38.00 0.72 0.00	36.35 0.44 0.00	33.86 0.27 0.00
NYPA__HELLGATE_GT1 24158	39.54 1.52 0.00	39.47 1.41 0.00	35.98 1.06 0.00	35.89 0.71 0.01	31.16 0.66 0.01	29.59 0.76 0.00	32.21 0.80 0.00	36.98 0.84 0.00	34.36 1.04 0.00	27.43 1.00 0.00	24.49 1.10 0.00	32.76 1.59 0.00	35.18 1.68 0.00	39.00 1.70 0.00	37.96 1.60 0.00	39.52 1.58 0.00	39.56 1.37 0.00	40.86 1.42 0.00	54.89 1.69 0.00	64.73 2.16 0.00	38.82 1.44 0.00	38.77 1.49 0.00	37.16 1.25 0.00	34.65 1.06 0.00
NYPA__HELLGATE_GT2 24159	39.54 1.52 0.00	39.47 1.41 0.00	35.98 1.06 0.00	35.89 0.71 0.01	31.16 0.66 0.01	29.59 0.76 0.00	32.21 0.80 0.00	36.98 0.84 0.00	34.36 1.04 0.00	27.43 1.00 0.00	24.49 1.10 0.00	32.76 1.59 0.00	35.18 1.68 0.00	39.00 1.70 0.00	37.96 1.60 0.00	39.52 1.58 0.00	39.56 1.37 0.00	40.86 1.42 0.00	54.89 1.69 0.00	64.73 2.16 0.00	38.82 1.44 0.00	38.77 1.49 0.00	37.16 1.25 0.00	34.65 1.06 0.00
NYS_BARGE__HYD 23848	37.31 -0.72 0.00	37.54 -0.52 0.00	34.44 -0.48 0.00	34.64 -0.56 0.00	29.82 -0.69 0.00	28.65 -0.18 0.00	31.00 -0.41 0.00	35.78 -0.36 0.00	33.09 -0.22 0.00	26.31 -0.12 0.00	23.04 -0.35 0.00	30.07 -1.11 0.00	32.40 -1.11 0.00	36.08 -1.21 0.00	35.27 -1.09 0.00	36.30 -1.64 0.00	35.60 -2.58 0.00	36.43 -3.01 0.00	49.69 -3.51 0.00	57.88 -4.69 0.00	34.33 -3.05 0.00	34.68 -2.60 0.00	34.40 -1.51 0.00	33.00 -0.58 0.00
OAK ORCHARD__HYD 24046	37.76 -0.27 0.00	37.84 -0.22 0.00	34.70 -0.22 0.00	34.93 -0.27 0.00	30.17 -0.34 0.00	28.75 -0.08 0.00	31.26 -0.14 0.00	36.08 -0.06 0.00	33.32 0.00 0.00	26.38 -0.05 0.00	23.16 -0.23 0.00	30.56 -0.62 0.00	32.88 -0.62 0.00	36.69 -0.60 0.00	35.85 -0.52 0.00	37.21 -0.73 0.00	37.18 -1.00 0.00	38.38 -1.06 0.00	52.14 -1.06 0.00	61.05 -1.51 0.00	36.28 -1.09 0.00	36.33 -0.94 0.00	35.37 -0.54 0.00	33.41 -0.18 0.00

OAKDALE___35_KV_LOAD 356122	38.06 0.04 0.00	38.13 0.08 0.00	34.93 0.01 0.00	35.15 -0.04 0.00	30.44 -0.07 0.00	28.80 -0.03 0.00	31.37 -0.03 0.00	36.13 0.00 0.00	33.37 0.06 0.00	26.42 -0.01 0.00	23.33 -0.06 0.00	31.08 -0.10 0.00	33.36 -0.15 0.00	37.14 -0.15 0.00	36.23 -0.13 0.00	37.80 -0.14 0.00	38.03 -0.15 0.00	39.25 -0.19 0.00	53.14 -0.06 0.00	62.44 -0.13 0.00	37.31 -0.07 0.00	37.28 0.00 0.00	35.90 -0.01 0.00	33.57 -0.01 0.00
OCC_CHEM___DRP 24175	36.98 -1.05 0.00	37.23 -0.83 0.00	34.17 -0.74 0.00	34.37 -0.83 0.00	29.58 -0.92 0.00	28.43 -0.40 0.00	30.73 -0.67 0.00	35.48 -0.65 0.00	32.83 -0.48 0.00	26.13 -0.30 0.00	22.93 -0.46 0.00	29.95 -1.23 0.00	32.29 -1.22 0.00	35.98 -1.31 0.00	35.13 -1.23 0.00	36.10 -1.85 0.00	35.45 -2.73 0.00	36.13 -3.30 0.00	49.00 -4.20 0.00	56.97 -5.59 0.00	33.77 -3.61 0.00	34.13 -3.15 0.00	33.87 -2.05 0.00	32.55 -1.03 0.00
OH_GEN_PROXY 24063	37.05 -0.98 0.00	37.27 -0.78 0.00	34.19 -0.72 0.00	34.41 -0.79 0.00	29.63 -0.88 0.00	28.44 -0.39 0.00	30.77 -0.64 0.00	35.40 -0.60 0.13	32.88 -0.43 0.00	26.15 -0.27 0.00	22.96 -0.43 0.00	30.04 -1.14 0.00	32.34 -1.17 0.00	36.05 -1.24 0.00	35.20 -1.16 0.00	36.22 -1.73 0.00	35.63 -2.55 0.00	36.43 -3.01 0.00	49.57 -3.64 0.00	57.73 -4.84 0.00	34.21 -3.17 0.00	34.54 -2.74 0.00	34.17 -1.75 0.00	32.76 -0.82 0.00
OLIN_CORP_DRP 24177	36.92 -1.10 0.00	37.18 -0.88 0.00	34.13 -0.79 0.00	34.31 -0.88 0.00	29.53 -0.98 0.00	28.40 -0.43 0.00	30.69 -0.71 0.00	35.44 -0.70 0.00	32.77 -0.55 0.00	26.08 -0.35 0.00	22.88 -0.51 0.00	29.85 -1.33 0.00	32.16 -1.35 0.00	35.82 -1.48 0.00	35.01 -1.35 0.00	36.02 -1.93 0.00	35.22 -2.96 0.00	35.95 -3.49 0.00	48.97 -4.24 0.00	56.96 -5.60 0.00	33.79 -3.59 0.00	34.17 -3.10 0.00	34.00 -1.92 0.00	32.67 -0.91 0.00
OLIN_CORP_DSASP 323712	36.99 -1.04 0.00	37.22 -0.83 0.00	34.17 -0.74 0.00	34.38 -0.82 0.00	29.58 -0.92 0.00	28.43 -0.40 0.00	30.73 -0.67 0.00	35.48 -0.66 0.00	32.83 -0.48 0.00	26.13 -0.30 0.00	22.93 -0.46 0.00	29.95 -1.23 0.00	32.29 -1.22 0.00	35.98 -1.32 0.00	35.13 -1.23 0.00	36.11 -1.84 0.00	35.45 -2.73 0.00	36.14 -3.30 0.00	48.99 -4.21 0.00	56.99 -5.58 0.00	33.76 -3.62 0.00	34.13 -3.15 0.00	33.86 -2.05 0.00	32.56 -1.03 0.00
ONEIDA_HERK_LFGE 323681	38.66 0.64 0.00	38.59 0.53 0.00	35.42 0.50 0.00	35.83 0.64 0.00	31.11 0.61 0.00	29.40 0.57 0.00	32.02 0.62 0.00	36.95 0.81 0.00	33.93 0.61 0.00	26.71 0.29 0.00	23.51 0.12 0.00	31.29 0.11 0.00	33.63 0.12 0.00	37.43 0.13 0.00	36.49 0.13 0.00	38.22 0.28 0.00	38.64 0.46 0.00	40.13 0.69 0.00	54.56 1.36 0.00	64.17 1.60 0.00	38.22 0.84 0.00	37.99 0.71 0.00	36.57 0.66 0.00	34.16 0.58 0.00
ONEIDA___115KV_TB4 55905	38.61 0.58 0.00	38.62 0.57 0.00	35.42 0.51 0.00	35.76 0.57 0.00	31.02 0.51 0.00	29.32 0.49 0.00	31.93 0.53 0.00	36.80 0.67 0.00	33.82 0.51 0.00	26.68 0.25 0.00	23.47 0.08 0.00	31.24 0.06 0.00	33.57 0.06 0.00	37.46 0.16 0.00	36.65 0.28 0.00	38.32 0.37 0.00	38.80 0.62 0.00	40.20 0.76 0.00	54.45 1.25 0.00	63.99 1.42 0.00	38.17 0.78 0.00	37.98 0.71 0.00	36.54 0.63 0.00	34.13 0.54 0.00
ONONDAGA_REF_OCCRA 23987	37.76 -0.26 0.00	37.79 -0.27 0.00	34.64 -0.27 0.00	34.89 -0.30 0.00	30.23 -0.28 0.00	28.60 -0.23 0.00	31.17 -0.24 0.00	35.91 -0.22 0.00	33.11 -0.20 0.00	26.19 -0.23 0.00	23.08 -0.31 0.00	30.72 -0.46 0.00	33.00 -0.50 0.00	36.76 -0.53 0.00	35.90 -0.47 0.00	37.50 -0.44 0.00	37.79 -0.39 0.00	39.08 -0.36 0.00	52.85 -0.36 0.00	62.08 -0.48 0.00	37.06 -0.32 0.00	36.98 -0.29 0.00	35.66 -0.25 0.00	33.35 -0.23 0.00
ONONDAGA___COGEN 23986	37.72 -0.31 0.00	37.76 -0.29 0.00	34.61 -0.31 0.00	34.87 -0.32 0.00	30.22 -0.29 0.00	28.58 -0.25 0.00	31.15 -0.26 0.00	35.88 -0.26 0.00	33.08 -0.23 0.00	26.16 -0.26 0.00	23.06 -0.33 0.00	30.68 -0.50 0.00	32.98 -0.53 0.00	36.72 -0.57 0.00	35.87 -0.50 0.00	37.46 -0.49 0.00	37.72 -0.46 0.00	39.03 -0.41 0.00	52.79 -0.41 0.00	62.02 -0.54 0.00	37.02 -0.36 0.00	36.95 -0.33 0.00	35.62 -0.29 0.00	33.32 -0.27 0.00
ONTARIO___LFGE 23819	38.08 0.05 0.00	38.08 0.02 0.00	34.88 -0.04 0.00	35.11 -0.09 0.00	30.39 -0.12 0.00	28.87 0.04 0.00	31.48 0.07 0.00	36.34 0.20 0.00	33.52 0.21 0.00	26.38 -0.04 0.00	23.14 -0.25 0.00	30.67 -0.50 0.00	32.96 -0.55 0.00	36.78 -0.52 0.00	35.92 -0.44 0.00	37.48 -0.46 0.00	37.71 -0.47 0.00	39.01 -0.43 0.00	53.14 -0.06 0.00	62.53 -0.03 0.00	37.26 -0.12 0.00	37.24 -0.04 0.00	35.93 0.02 0.00	33.69 0.10 0.00
ORANGEVILLE_WT_PWR 323706	37.09 -0.94 0.00	37.39 -0.66 0.00	34.31 -0.61 0.00	34.42 -0.77 0.00	29.74 -0.76 0.00	28.51 -0.32 0.00	30.94 -0.46 0.00	35.71 -0.43 0.00	33.03 -0.29 0.00	26.06 -0.37 0.00	22.77 -0.62 0.00	29.95 -1.22 0.00	32.35 -1.16 0.00	36.08 -1.22 0.00	35.21 -1.15 0.00	36.24 -1.70 0.00	35.89 -2.29 0.00	36.83 -2.61 0.00	50.37 -2.83 0.00	58.99 -3.58 0.00	35.07 -2.31 0.00	35.43 -1.85 0.00	34.66 -1.25 0.00	32.76 -0.83 0.00
ORANGEVILLE___ESR 323794	37.09 -0.94 0.00	37.39 -0.66 0.00	34.31 -0.61 0.00	34.42 -0.77 0.00	29.74 -0.76 0.00	28.51 -0.32 0.00	30.94 -0.46 0.00	35.71 -0.43 0.00	33.03 -0.29 0.00	26.06 -0.37 0.00	22.77 -0.62 0.00	29.95 -1.22 0.00	32.35 -1.16 0.00	36.08 -1.22 0.00	35.21 -1.15 0.00	36.24 -1.70 0.00	35.89 -2.29 0.00	36.83 -2.61 0.00	50.37 -2.83 0.00	58.99 -3.58 0.00	35.07 -2.31 0.00	35.43 -1.85 0.00	34.66 -1.25 0.00	32.76 -0.83 0.00
OSWEGATCHIE___HYD 24044	38.89 0.86 0.00	38.78 0.73 0.00	35.59 0.68 0.00	36.02 0.83 0.00	31.30 0.79 0.00	29.62 0.80 0.00	32.27 0.87 0.00	37.26 1.13 0.00	34.15 0.84 0.00	26.76 0.34 0.00	23.48 0.09 0.00	31.25 0.08 0.00	33.62 0.12 0.00	37.32 0.03 0.00	36.25 -0.11 0.00	37.85 -0.09 0.00	38.55 0.37 0.00	39.98 0.54 0.00	54.62 1.42 0.00	64.22 1.66 0.00	38.21 0.84 0.00	38.07 0.80 0.00	36.79 0.88 0.00	34.43 0.84 0.00
OSWEGO___5 23606	37.13 -0.89 0.00	37.18 -0.88 0.00	34.09 -0.83 0.00	34.35 -0.85 0.00	29.77 -0.74 0.00	28.16 -0.67 0.00	30.67 -0.73 0.00	35.32 -0.82 0.00	32.56 -0.75 0.00	25.79 -0.64 0.00	22.78 -0.61 0.00	30.31 -0.87 0.00	32.57 -0.94 0.00	36.26 -1.03 0.00	35.38 -0.98 0.00	36.92 -1.02 0.00	37.13 -1.05 0.00	38.37 -1.06 0.00	51.85 -1.35 0.00	60.96 -1.60 0.00	36.40 -0.98 0.00	36.32 -0.96 0.00	35.04 -0.88 0.00	32.79 -0.79 0.00
OSWEGO___6 23613	37.13 -0.89 0.00	37.18 -0.88 0.00	34.09 -0.83 0.00	34.35 -0.85 0.00	29.77 -0.74 0.00	28.16 -0.67 0.00	30.67 -0.73 0.00	35.32 -0.82 0.00	32.56 -0.75 0.00	25.79 -0.64 0.00	22.78 -0.61 0.00	30.31 -0.87 0.00	32.57 -0.94 0.00	36.26 -1.03 0.00	35.38 -0.98 0.00	36.92 -1.02 0.00	37.13 -1.05 0.00	38.37 -1.06 0.00	51.85 -1.35 0.00	60.96 -1.60 0.00	36.40 -0.98 0.00	36.32 -0.96 0.00	35.04 -0.88 0.00	32.79 -0.79 0.00

OUTOKUMPU-AB___DRP 24206	37.50 -0.53 0.00	37.72 -0.34 0.00	34.60 -0.32 0.00	34.79 -0.40 0.00	29.96 -0.55 0.00	28.78 -0.05 0.00	31.14 -0.27 0.00	35.97 -0.17 0.00	33.27 -0.04 0.00	26.46 0.03 0.00	23.20 -0.18 0.00	30.32 -0.86 0.00	32.68 -0.83 0.00	36.41 -0.89 0.00	35.56 -0.80 0.00	36.58 -1.36 0.00	35.95 -2.23 0.00	36.77 -2.67 0.00	50.03 -3.18 0.00	58.25 -4.31 0.00	34.54 -2.84 0.00	34.89 -2.38 0.00	34.54 -1.37 0.00	33.10 -0.48 0.00
OXBOW___BTM 323836	37.20 -0.83 0.00	37.44 -0.61 0.00	34.35 -0.57 0.00	34.54 -0.65 0.00	29.74 -0.77 0.00	28.57 -0.26 0.00	30.90 -0.50 0.00	35.69 -0.44 0.00	33.02 -0.29 0.00	26.27 -0.16 0.00	23.05 -0.34 0.00	30.12 -1.06 0.00	32.46 -1.05 0.00	36.17 -1.13 0.00	35.33 -1.04 0.00	36.33 -1.61 0.00	35.69 -2.49 0.00	36.43 -3.00 0.00	49.48 -3.73 0.00	57.60 -4.97 0.00	34.13 -3.25 0.00	34.49 -2.79 0.00	34.18 -1.73 0.00	32.80 -0.78 0.00
OXBOW___ 24026	37.20 -0.83 0.00	37.44 -0.62 0.00	34.35 -0.57 0.00	34.54 -0.66 0.00	29.74 -0.77 0.00	28.57 -0.26 0.00	30.90 -0.50 0.00	35.70 -0.44 0.00	33.02 -0.29 0.00	26.27 -0.15 0.00	23.05 -0.34 0.00	30.11 -1.06 0.00	32.46 -1.05 0.00	36.16 -1.13 0.00	35.32 -1.04 0.00	36.31 -1.63 0.00	35.69 -2.49 0.00	36.43 -3.01 0.00	49.49 -3.72 0.00	57.59 -4.97 0.00	34.14 -3.24 0.00	34.49 -2.79 0.00	34.18 -1.73 0.00	32.80 -0.78 0.00
OXY_CHEM_DSASP 323612	36.98 -1.05 0.00	37.23 -0.83 0.00	34.17 -0.74 0.00	34.37 -0.83 0.00	29.58 -0.92 0.00	28.43 -0.40 0.00	30.73 -0.67 0.00	35.48 -0.65 0.00	32.83 -0.48 0.00	26.13 -0.30 0.00	22.93 -0.46 0.00	29.95 -1.23 0.00	32.29 -1.22 0.00	35.98 -1.31 0.00	35.13 -1.23 0.00	36.10 -1.85 0.00	35.45 -2.73 0.00	36.13 -3.30 0.00	49.00 -4.20 0.00	56.97 -5.59 0.00	33.77 -3.61 0.00	34.13 -3.15 0.00	33.87 -2.05 0.00	32.55 -1.03 0.00
OZONE_PARK_ESR 323760	39.84 1.82 0.00	39.73 1.67 0.00	36.27 1.35 0.00	36.56 1.37 0.00	31.70 1.19 0.00	30.01 1.18 0.00	32.66 1.26 0.00	37.52 1.38 0.00	34.83 1.52 0.00	27.83 1.41 0.00	24.83 1.45 0.00	33.23 2.05 0.00	35.69 2.19 0.00	39.58 2.28 0.00	38.50 2.14 0.00	40.06 2.11 0.00	40.14 1.96 0.00	41.45 2.01 0.00	55.69 2.49 0.00	65.67 3.11 0.00	39.33 1.95 0.00	39.32 2.04 0.00	37.69 1.78 0.00	35.11 1.52 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	36.98 -1.05 0.00	37.23 -0.83 0.00	34.17 -0.74 0.00	34.37 -0.83 0.00	29.58 -0.92 0.00	28.43 -0.40 0.00	30.73 -0.67 0.00	35.48 -0.65 0.00	32.83 -0.48 0.00	26.13 -0.30 0.00	22.93 -0.46 0.00	29.95 -1.23 0.00	32.29 -1.22 0.00	35.98 -1.31 0.00	35.13 -1.23 0.00	36.10 -1.85 0.00	35.45 -2.73 0.00	36.13 -3.30 0.00	49.00 -4.20 0.00	56.97 -5.59 0.00	33.77 -3.61 0.00	34.13 -3.15 0.00	33.87 -2.05 0.00	32.55 -1.03 0.00
PACKARD___115KV_DUPONT_184 80571	36.98 -1.05 0.00	37.23 -0.83 0.00	34.17 -0.74 0.00	34.37 -0.83 0.00	29.58 -0.92 0.00	28.43 -0.40 0.00	30.73 -0.67 0.00	35.48 -0.65 0.00	32.83 -0.48 0.00	26.13 -0.30 0.00	22.93 -0.46 0.00	29.95 -1.23 0.00	32.29 -1.22 0.00	35.98 -1.31 0.00	35.13 -1.23 0.00	36.10 -1.85 0.00	35.45 -2.73 0.00	36.13 -3.30 0.00	49.00 -4.20 0.00	56.97 -5.59 0.00	33.77 -3.61 0.00	34.13 -3.15 0.00	33.87 -2.05 0.00	32.55 -1.03 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	39.58 1.55 0.00	39.50 1.45 0.00	36.01 1.10 0.00	36.00 0.81 0.00	31.27 0.75 0.00	29.68 0.85 0.00	32.31 0.91 0.00	37.09 0.95 0.00	34.45 1.15 0.00	27.52 1.09 0.00	24.55 1.17 0.00	32.82 1.64 0.00	35.20 1.69 0.00	39.02 1.72 0.00	37.99 1.63 0.00	39.54 1.60 0.00	39.58 1.40 0.00	40.87 1.44 0.00	54.92 1.72 0.00	64.77 2.21 0.00	38.83 1.45 0.00	38.79 1.51 0.00	37.19 1.28 0.00	34.67 1.08 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	40.30 2.27 0.00	40.24 2.19 0.00	36.70 1.78 0.00	36.69 1.50 0.00	31.87 1.36 0.00	30.28 1.45 0.00	32.96 1.56 0.00	37.86 1.73 0.00	35.16 1.85 0.00	28.07 1.65 0.00	25.03 1.65 0.00	33.45 2.27 0.00	35.88 2.37 0.00	39.79 2.49 0.00	38.72 2.36 0.00	40.30 2.36 0.00	40.33 2.15 0.00	41.62 2.19 0.00	55.98 2.77 0.00	65.97 3.41 0.00	39.53 2.15 0.00	39.49 2.21 0.00	37.86 1.95 0.00	35.31 1.73 0.00
PATROON___115KV_TB1 80586	38.35 0.32 0.00	38.35 0.29 0.00	35.11 0.19 0.00	35.41 0.21 0.00	30.81 0.30 0.00	29.05 0.22 0.00	31.66 0.25 0.00	36.40 0.27 0.00	33.50 0.19 0.00	26.64 0.22 0.00	23.69 0.30 0.00	31.66 0.48 0.00	33.91 0.40 0.00	37.69 0.39 0.00	36.80 0.44 0.00	38.51 0.57 0.00	38.79 0.60 0.00	39.97 0.53 0.00	53.66 0.46 0.00	63.17 0.61 0.00	37.90 0.52 0.00	37.78 0.50 0.00	36.21 0.30 0.00	33.78 0.19 0.00
PATTRSNVILLE___SOLAR 323815	38.77 0.74 0.00	38.81 0.75 0.00	35.55 0.64 0.00	35.82 0.63 0.00	31.05 0.54 0.00	29.32 0.49 0.00	31.97 0.56 0.00	36.77 0.63 0.00	33.61 0.30 0.00	26.51 0.08 0.00	23.51 0.12 0.00	31.46 0.28 0.00	33.83 0.32 0.00	37.61 0.32 0.00	36.63 0.27 0.00	38.34 0.39 0.00	38.77 0.59 0.00	40.34 0.90 0.00	54.41 1.21 0.00	64.05 1.48 0.00	38.30 0.91 0.00	38.14 0.87 0.00	36.64 0.73 0.00	34.16 0.58 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	37.47 -0.56 0.00	37.67 -0.38 0.00	34.50 -0.41 0.00	34.70 -0.50 0.00	29.93 -0.58 0.00	28.69 -0.14 0.00	31.08 -0.33 0.00	35.90 -0.23 0.00	33.25 -0.07 0.00	26.42 -0.01 0.00	23.17 -0.22 0.00	30.36 -0.82 0.00	32.66 -0.85 0.00	36.41 -0.88 0.00	35.54 -0.82 0.00	36.58 -1.37 0.00	36.12 -2.06 0.00	37.05 -2.39 0.00	50.52 -2.68 0.00	58.94 -3.63 0.00	34.99 -2.38 0.00	35.29 -1.99 0.00	34.74 -1.17 0.00	33.17 -0.42 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	39.60 1.58 0.00	39.51 1.45 0.00	36.09 1.17 0.00	36.37 1.18 0.00	31.54 1.03 0.00	29.82 0.99 0.00	32.47 1.06 0.00	37.35 1.21 0.00	34.60 1.29 0.00	27.64 1.21 0.00	24.64 1.25 0.00	32.96 1.78 0.00	35.40 1.89 0.00	39.32 2.03 0.00	38.32 1.95 0.00	39.91 1.97 0.00	40.07 1.89 0.00	41.37 1.94 0.00	55.60 2.40 0.00	65.54 2.98 0.00	39.25 1.87 0.00	39.17 1.89 0.00	37.50 1.59 0.00	34.91 1.32 0.00
PEEKSKILL___ 23653	39.28 1.26 0.00	39.19 1.13 0.00	35.78 0.86 0.00	36.09 0.89 0.00	31.28 0.77 0.00	29.58 0.75 0.00	32.19 0.78 0.00	37.00 0.86 0.00	34.30 0.99 0.00	27.37 0.94 0.00	24.41 1.03 0.00	32.68 1.50 0.00	35.08 1.58 0.00	38.95 1.66 0.00	37.92 1.56 0.00	39.48 1.54 0.00	39.63 1.45 0.00	40.90 1.46 0.00	54.99 1.79 0.00	64.87 2.31 0.00	38.85 1.47 0.00	38.81 1.53 0.00	37.17 1.26 0.00	34.63 1.04 0.00
PGE MADISON___WINDPWR 24146	39.37 1.34 0.00	39.78 1.72 0.00	36.59 1.67 0.00	36.80 1.61 0.00	31.99 1.49 0.00	30.27 1.44 0.00	32.82 1.42 0.00	37.67 1.53 0.00	34.55 1.23 0.00	27.04 0.62 0.00	23.60 0.21 0.00	31.45 0.27 0.00	33.89 0.38 0.00	37.76 0.47 0.00	37.00 0.63 0.00	39.31 1.37 0.00	39.81 1.63 0.00	41.40 1.96 0.00	57.16 3.96 0.00	66.33 3.77 0.00	39.39 2.01 0.00	38.81 1.53 0.00	37.33 1.42 0.00	34.64 1.05 0.00

PIERCEFIELD___HYD 23852	39.08 1.05 0.00	39.04 0.99 0.00	35.87 0.95 0.00	36.21 1.02 0.00	31.43 0.92 0.00	29.78 0.95 0.00	32.46 1.06 0.00	37.41 1.27 0.00	34.35 1.03 0.00	27.00 0.58 0.00	23.76 0.37 0.00	31.63 0.45 0.00	34.07 0.56 0.00	37.87 0.57 0.00	36.81 0.45 0.00	38.38 0.44 0.00	38.99 0.81 0.00	40.24 0.80 0.00	54.70 1.50 0.00	64.25 1.68 0.00	38.32 0.94 0.00	38.27 1.00 0.00	37.02 1.11 0.00	34.70 1.12 0.00
PINELAWN_CC_1 323563	39.36 1.33 0.00	38.85 0.79 0.00	35.59 0.68 0.00	35.81 0.61 0.00	31.00 0.50 0.00	29.43 0.60 0.00	31.86 0.45 0.00	36.53 0.39 0.00	33.84 0.53 0.01	27.12 0.69 0.00	24.70 1.23 -0.08	33.13 1.86 -0.09	35.86 1.99 -0.37	39.34 2.04 0.00	38.03 1.66 0.00	39.25 1.32 0.00	39.35 1.17 0.00	40.57 1.13 0.00	54.22 1.05 0.03	49.15 1.51 14.92	38.42 1.04 0.00	38.35 1.07 0.00	36.70 0.79 0.00	34.23 0.64 0.00
PJM_GEN_HTTP_PROXY 323702	39.50 1.47 0.00	39.40 1.34 0.00	35.98 1.06 0.00	36.29 1.09 0.00	31.47 0.95 0.00	29.78 0.95 0.00	32.41 1.00 0.00	37.21 1.08 0.00	34.52 1.21 0.00	27.57 1.15 0.00	24.60 1.21 0.00	32.91 1.73 0.00	35.35 1.84 0.00	39.19 1.90 0.00	38.12 1.76 0.00	39.66 1.72 0.00	39.75 1.57 0.00	41.05 1.61 0.00	55.12 1.92 0.00	64.99 2.43 0.00	38.94 1.56 0.00	38.92 1.64 0.00	37.31 1.40 0.00	34.76 1.18 0.00
PJM_GEN_KEystone 24065	38.27 0.25 0.00	38.30 0.24 0.00	34.98 0.06 0.00	35.25 0.06 0.00	26.83 -0.02 3.66	28.98 0.15 0.00	31.49 0.09 0.00	36.27 0.14 0.00	35.76 0.31 -2.14	26.74 0.32 0.00	23.69 0.30 0.00	31.51 0.33 0.00	33.81 0.30 0.00	37.60 0.30 0.00	36.61 0.25 0.00	38.00 0.06 0.00	37.98 -0.20 0.00	39.13 -0.31 0.00	52.92 -0.28 0.00	62.23 -0.33 0.00	37.16 -0.22 0.00	37.27 -0.01 0.00	36.01 0.09 0.00	33.84 0.26 0.00
PJM_GEN_NEPTUNE_PROXY 323594	39.06 1.03 0.00	38.62 0.56 0.00	35.37 0.45 0.00	35.60 0.41 0.00	30.84 0.33 0.00	29.26 0.43 0.00	31.69 0.29 0.00	36.35 0.22 0.00	33.67 0.36 0.01	26.97 0.55 0.00	24.41 1.02 -0.01	32.67 1.60 0.10	35.20 1.66 -0.03	38.93 1.63 0.00	37.67 1.31 0.00	38.95 1.01 0.00	39.06 0.88 0.00	40.27 0.83 0.00	53.92 0.75 0.04	44.92 1.16 18.80	38.21 0.83 0.00	38.17 0.89 0.00	36.54 0.63 0.00	34.09 0.50 0.00
PJM_GEN_VFT_PROXY 323633	39.31 1.29 0.00	39.22 1.16 0.00	35.79 0.87 0.00	36.08 0.89 0.00	31.29 0.78 0.00	29.62 0.80 0.00	32.22 0.82 0.00	37.00 0.87 0.00	34.34 1.03 0.00	27.45 1.03 0.00	24.49 1.10 0.00	32.79 1.61 0.00	35.22 1.71 0.00	39.04 1.75 0.00	37.98 1.62 0.00	39.49 1.55 0.00	39.59 1.41 0.00	40.89 1.45 0.00	54.93 1.73 0.00	64.77 2.21 0.00	38.80 1.42 0.00	38.80 1.52 0.00	37.19 1.28 0.00	34.66 1.08 0.00
PLATSBURG_115KV_PMLD1 355749	39.33 1.30 0.00	39.19 1.13 0.00	35.84 0.93 0.00	36.18 0.99 0.00	31.63 1.12 0.00	29.96 1.13 0.00	32.71 1.31 0.00	37.42 1.29 0.00	34.34 1.03 0.00	27.34 0.92 0.00	24.33 0.94 0.00	32.34 1.16 0.00	34.70 1.19 0.00	38.62 1.33 0.00	37.41 1.04 0.00	38.96 1.02 0.00	39.75 1.57 0.00	41.44 2.00 0.00	55.82 2.62 0.00	64.61 2.04 0.00	38.47 1.09 0.00	37.97 0.69 0.00	36.68 0.77 0.00	34.38 0.80 0.00
PLEASANTVLY___LBMP 24000	39.13 1.11 0.00	39.07 1.01 0.00	35.69 0.77 0.00	35.98 0.79 0.00	31.21 0.70 0.00	29.49 0.66 0.00	32.11 0.70 0.00	36.89 0.76 0.00	34.15 0.84 0.00	27.25 0.82 0.00	24.30 0.91 0.00	32.50 1.32 0.00	34.90 1.39 0.00	38.76 1.47 0.00	37.74 1.38 0.00	39.33 1.39 0.00	39.51 1.33 0.00	40.76 1.32 0.00	54.74 1.54 0.00	64.52 1.96 0.00	38.68 1.30 0.00	38.62 1.34 0.00	36.99 1.08 0.00	34.45 0.86 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	39.39 1.36 0.00	39.30 1.25 0.00	35.89 0.97 0.00	36.19 1.00 0.00	31.39 0.88 0.00	29.68 0.85 0.00	32.29 0.89 0.00	37.11 0.97 0.00	34.38 1.07 0.00	27.46 1.03 0.00	24.51 1.12 0.00	32.77 1.59 0.00	35.20 1.69 0.00	39.07 1.78 0.00	38.03 1.66 0.00	39.59 1.65 0.00	39.73 1.55 0.00	41.00 1.57 0.00	55.08 1.88 0.00	64.96 2.40 0.00	38.92 1.54 0.00	38.87 1.59 0.00	37.24 1.33 0.00	34.69 1.10 0.00
PLSNTVLE_13_KV_13KVDSA_REV_LBMP_I 345020	39.39 1.36 0.00	39.30 1.25 0.00	35.89 0.97 0.00	36.19 1.00 0.00	31.39 0.88 0.00	29.68 0.85 0.00	32.29 0.89 0.00	37.11 0.97 0.00	34.38 1.07 0.00	27.46 1.03 0.00	24.51 1.12 0.00	32.77 1.59 0.00	35.20 1.69 0.00	39.07 1.78 0.00	38.03 1.66 0.00	39.59 1.65 0.00	39.73 1.55 0.00	41.00 1.57 0.00	55.08 1.88 0.00	64.96 2.40 0.00	38.92 1.54 0.00	38.87 1.59 0.00	37.24 1.33 0.00	34.69 1.10 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	39.45 1.42 0.00	39.38 1.32 0.00	35.97 1.05 0.00	36.25 1.05 0.00	31.43 0.92 0.00	29.71 0.88 0.00	32.35 0.95 0.00	37.21 1.08 0.00	34.45 1.14 0.00	27.51 1.08 0.00	24.52 1.13 0.00	32.77 1.60 0.00	35.19 1.68 0.00	39.09 1.80 0.00	38.11 1.74 0.00	39.73 1.78 0.00	39.94 1.76 0.00	41.22 1.78 0.00	55.41 2.21 0.00	65.30 2.73 0.00	39.10 1.72 0.00	39.02 1.74 0.00	37.35 1.44 0.00	34.76 1.18 0.00
POLETTI_____ 23519	39.13 1.11 0.00	39.05 1.00 0.00	35.59 0.67 0.00	35.49 0.29 0.00	30.81 0.31 0.00	29.24 0.41 0.00	31.83 0.43 0.00	36.54 0.41 0.00	33.95 0.64 0.00	27.12 0.69 0.00	24.21 0.82 0.00	32.41 1.23 0.00	34.83 1.32 0.00	38.60 1.31 0.00	37.57 1.21 0.00	39.12 1.18 0.00	39.15 0.97 0.00	40.42 0.98 0.00	54.30 1.10 0.00	64.04 1.48 0.00	38.41 1.03 0.00	38.37 1.10 0.00	36.78 0.87 0.00	34.29 0.70 0.00
POMONA___ESR 323819	39.32 1.29 0.00	39.22 1.16 0.00	35.80 0.88 0.00	36.11 0.91 0.00	31.30 0.79 0.00	29.59 0.77 0.00	32.20 0.80 0.00	37.02 0.88 0.00	34.33 1.02 0.00	27.39 0.96 0.00	24.42 1.03 0.00	32.69 1.51 0.00	35.10 1.59 0.00	38.98 1.69 0.00	37.95 1.59 0.00	39.52 1.58 0.00	39.67 1.49 0.00	40.95 1.51 0.00	55.11 1.90 0.00	65.01 2.45 0.00	38.92 1.54 0.00	38.88 1.60 0.00	37.24 1.33 0.00	34.69 1.10 0.00
PORT_JEFF_3 23555	39.33 1.31 0.00	38.78 0.73 0.00	35.49 0.57 0.00	35.70 0.50 0.00	30.91 0.40 0.00	29.37 0.54 0.00	31.80 0.40 0.00	36.43 0.30 0.00	33.69 0.39 0.01	26.95 0.53 0.00	24.63 1.20 -0.03	32.90 1.75 0.03	35.53 1.87 -0.15	39.22 1.93 0.00	37.90 1.53 0.00	39.04 1.10 0.00	39.11 0.93 0.00	40.32 0.88 0.00	53.63 0.46 0.03	45.84 0.83 17.55	38.15 0.77 0.00	38.09 0.81 0.00	36.43 0.52 0.00	33.93 0.34 0.00
PORT_JEFF_4 23616	39.33 1.31 0.00	38.78 0.73 0.00	35.49 0.57 0.00	35.70 0.50 0.00	30.91 0.40 0.00	29.37 0.54 0.00	31.80 0.40 0.00	36.43 0.30 0.00	33.69 0.39 0.01	26.95 0.53 0.00	24.63 1.20 -0.03	32.90 1.75 0.03	35.53 1.87 -0.15	39.22 1.93 0.00	37.90 1.53 0.00	39.04 1.10 0.00	39.11 0.93 0.00	40.32 0.88 0.00	53.63 0.46 0.03	45.84 0.83 17.55	38.15 0.77 0.00	38.09 0.81 0.00	36.43 0.52 0.00	33.93 0.34 0.00

PORT_JEFF_IC 23713	39.40 1.37 0.00	38.83 0.78 0.00	35.53 0.62 0.00	35.75 0.55 0.00	30.95 0.44 0.00	29.40 0.57 0.00	31.84 0.43 0.00	36.48 0.34 0.00	33.74 0.43 0.01	27.00 0.57 0.00	24.67 1.25 -0.04	32.96 1.81 0.03	35.60 1.93 -0.16	39.30 2.00 0.00	37.97 1.61 0.00	39.10 1.16 0.00	39.18 1.00 0.00	40.39 0.95 0.00	53.52 0.35 0.03	45.86 0.73 17.43	38.22 0.84 0.00	38.14 0.87 0.00	36.49 0.58 0.00	33.97 0.39 0.00
PPL PILGRIM_ST_GT1 24216	39.48 1.45 0.00	38.91 0.86 0.00	35.65 0.74 0.00	35.89 0.70 0.00	31.07 0.56 0.00	29.49 0.66 0.00	31.94 0.54 0.00	36.57 0.44 0.00	33.93 0.62 0.01	27.15 0.73 0.00	24.75 1.31 -0.05	33.08 1.90 0.00	35.77 2.05 -0.21	39.50 2.21 0.00	38.15 1.79 0.00	39.29 1.35 0.00	39.36 1.18 0.00	40.58 1.14 0.00	54.14 0.97 0.03	47.03 1.35 16.89	38.38 1.01 0.00	38.33 1.05 0.00	36.71 0.80 0.00	34.23 0.65 0.00
PPL PILGRIM_ST_GT2 24217	39.48 1.45 0.00	38.91 0.86 0.00	35.65 0.74 0.00	35.89 0.70 0.00	31.07 0.56 0.00	29.49 0.66 0.00	31.94 0.54 0.00	36.57 0.44 0.00	33.93 0.62 0.01	27.15 0.73 0.00	24.75 1.31 -0.05	33.08 1.90 0.00	35.77 2.05 -0.21	39.50 2.21 0.00	38.15 1.79 0.00	39.29 1.35 0.00	39.36 1.18 0.00	40.58 1.14 0.00	54.14 0.97 0.03	47.03 1.35 16.89	38.38 1.01 0.00	38.33 1.05 0.00	36.71 0.80 0.00	34.23 0.65 0.00
PPL_SHRM_GT3 24213	39.00 0.97 0.00	38.43 0.37 0.00	35.11 0.20 0.00	35.30 0.11 0.00	30.57 0.06 0.00	29.06 0.23 0.00	31.47 0.06 0.00	36.07 -0.07 0.00	33.27 -0.04 0.01	26.61 0.19 0.00	24.44 1.02 -0.04	32.54 1.39 0.03	35.14 1.48 -0.15	38.80 1.50 0.00	37.48 1.12 0.00	38.61 0.67 0.00	38.68 0.50 0.00	39.90 0.46 0.00	53.18 0.01 0.03	45.34 0.26 17.49	37.73 0.35 0.00	37.63 0.35 0.00	35.95 0.04 0.00	33.46 -0.13 0.00
PPL_SHRM_GT4 24214	39.00 0.97 0.00	38.43 0.37 0.00	35.11 0.20 0.00	35.30 0.11 0.00	30.57 0.06 0.00	29.06 0.23 0.00	31.47 0.06 0.00	36.07 -0.07 0.00	33.27 -0.04 0.01	26.61 0.19 0.00	24.44 1.02 -0.04	32.54 1.39 0.03	35.14 1.48 -0.15	38.80 1.50 0.00	37.48 1.12 0.00	38.61 0.67 0.00	38.68 0.50 0.00	39.90 0.46 0.00	53.18 0.01 0.03	45.34 0.26 17.49	37.73 0.35 0.00	37.63 0.35 0.00	35.95 0.04 0.00	33.46 -0.13 0.00
PROJECT___ORANGE 1 24174	37.54 -0.49 0.00	37.57 -0.49 0.00	34.44 -0.47 0.00	34.70 -0.50 0.00	30.06 -0.45 0.00	28.44 -0.39 0.00	30.99 -0.42 0.00	35.70 -0.44 0.00	32.91 -0.40 0.00	26.06 -0.37 0.00	22.98 -0.41 0.00	30.58 -0.60 0.00	32.85 -0.66 0.00	36.59 -0.70 0.00	35.73 -0.63 0.00	37.31 -0.63 0.00	37.54 -0.64 0.00	38.79 -0.65 0.00	52.44 -0.76 0.00	61.61 -0.95 0.00	36.78 -0.60 0.00	36.71 -0.57 0.00	35.43 -0.48 0.00	33.15 -0.44 0.00
PROJECT___ORANGE 2 24166	37.54 -0.49 0.00	37.57 -0.49 0.00	34.44 -0.47 0.00	34.70 -0.50 0.00	30.06 -0.45 0.00	28.44 -0.39 0.00	30.99 -0.42 0.00	35.70 -0.44 0.00	32.91 -0.40 0.00	26.06 -0.37 0.00	22.98 -0.41 0.00	30.58 -0.60 0.00	32.85 -0.66 0.00	36.59 -0.70 0.00	35.73 -0.63 0.00	37.31 -0.63 0.00	37.54 -0.64 0.00	38.79 -0.65 0.00	52.44 -0.76 0.00	61.61 -0.95 0.00	36.78 -0.60 0.00	36.71 -0.57 0.00	35.43 -0.48 0.00	33.15 -0.44 0.00
PUCKETT___SOLAR 323809	38.31 0.28 0.00	38.55 0.50 0.00	35.35 0.43 0.00	35.56 0.37 0.00	30.82 0.31 0.00	29.14 0.31 0.00	31.69 0.28 0.00	36.48 0.34 0.00	33.57 0.25 0.00	26.45 0.03 0.00	23.22 -0.17 0.00	30.91 -0.27 0.00	33.24 -0.27 0.00	37.02 -0.27 0.00	36.32 -0.04 0.00	38.11 0.17 0.00	38.39 0.21 0.00	39.74 0.30 0.00	54.24 1.04 0.00	63.38 0.81 0.00	37.80 0.41 0.00	37.63 0.35 0.00	36.19 0.27 0.00	33.79 0.20 0.00
PYRITES___HYD 24023	39.60 1.58 0.00	39.59 1.53 0.00	36.40 1.48 0.00	36.73 1.53 0.00	31.85 1.34 0.00	30.19 1.36 0.00	32.93 1.53 0.00	37.94 1.81 0.00	34.74 1.43 0.00	27.13 0.71 0.00	23.83 0.44 0.00	31.74 0.56 0.00	34.19 0.68 0.00	38.03 0.74 0.00	36.98 0.62 0.00	38.56 0.61 0.00	39.39 1.21 0.00	40.82 1.38 0.00	55.57 2.37 0.00	65.44 2.88 0.00	38.94 1.56 0.00	38.87 1.59 0.00	37.59 1.68 0.00	35.25 1.67 0.00
QUAKERRD_115KV_BK1 80622	37.00 -1.03 0.00	37.08 -0.98 0.00	34.00 -0.92 0.00	34.23 -0.96 0.00	29.60 -0.91 0.00	28.15 -0.67 0.00	30.64 -0.77 0.00	35.35 -0.78 0.00	32.63 -0.68 0.00	25.83 -0.60 0.00	22.70 -0.69 0.00	29.99 -1.19 0.00	32.27 -1.24 0.00	36.00 -1.29 0.00	35.16 -1.20 0.00	36.55 -1.39 0.00	36.60 -1.59 0.00	37.83 -1.62 0.00	51.31 -1.89 0.00	60.11 -2.45 0.00	35.76 -1.62 0.00	35.77 -1.51 0.00	34.73 -1.18 0.00	32.74 -0.85 0.00
QUENSBRY_115KV_TB8 356137	39.41 1.38 0.00	39.28 1.22 0.00	35.83 0.92 0.00	36.10 0.91 0.00	31.45 0.94 0.00	29.75 0.92 0.00	32.50 1.10 0.00	37.32 1.19 0.00	34.26 0.95 0.00	27.07 0.64 0.00	24.11 0.72 0.00	32.24 1.06 0.00	34.57 1.06 0.00	38.35 1.06 0.00	37.44 1.08 0.00	39.32 1.38 0.00	39.94 1.76 0.00	41.30 1.86 0.00	55.43 2.23 0.00	65.25 2.68 0.00	39.23 1.85 0.00	38.98 1.71 0.00	37.34 1.43 0.00	34.52 0.93 0.00
RAMAPO___LBMP 323565	39.18 1.15 0.00	39.10 1.04 0.00	35.68 0.77 0.00	35.99 0.79 0.00	31.19 0.68 0.00	29.50 0.67 0.00	32.09 0.69 0.00	36.89 0.76 0.00	34.22 0.91 0.00	27.29 0.87 0.00	24.33 0.94 0.00	32.57 1.39 0.00	34.97 1.46 0.00	38.82 1.53 0.00	37.80 1.44 0.00	39.37 1.43 0.00	39.53 1.34 0.00	40.80 1.36 0.00	54.92 1.71 0.00	64.80 2.24 0.00	38.79 1.42 0.00	38.76 1.48 0.00	37.12 1.21 0.00	34.59 1.00 0.00
RANKINE____ 23646	37.53 -0.50 0.00	37.75 -0.30 0.00	34.58 -0.34 0.00	34.77 -0.43 0.00	29.98 -0.53 0.00	28.77 -0.06 0.00	31.15 -0.25 0.00	35.99 -0.14 0.00	33.32 0.00 0.00	26.48 0.05 0.00	23.22 -0.17 0.00	30.41 -0.77 0.00	32.76 -0.75 0.00	36.53 -0.77 0.00	35.63 -0.73 0.00	36.65 -1.30 0.00	36.12 -2.06 0.00	37.02 -2.43 0.00	50.46 -2.75 0.00	58.83 -3.74 0.00	34.90 -2.48 0.00	35.23 -2.05 0.00	34.76 -1.15 0.00	33.21 -0.38 0.00
RAVENSWOOD_GT2_1 24244	39.51 1.48 0.00	39.41 1.35 0.00	35.98 1.07 0.00	36.27 1.08 0.00	31.46 0.95 0.00	29.78 0.95 0.00	32.41 1.00 0.00	37.21 1.07 0.00	34.53 1.21 0.00	27.59 1.17 0.00	24.62 1.23 0.00	32.92 1.75 0.00	35.35 1.84 0.00	39.20 1.91 0.00	38.13 1.77 0.00	39.67 1.72 0.00	39.75 1.57 0.00	41.05 1.61 0.00	55.12 1.92 0.00	64.99 2.43 0.00	38.94 1.56 0.00	38.93 1.65 0.00	37.33 1.42 0.00	34.78 1.19 0.00
RAVENSWOOD_GT2_2 24245	39.51 1.48 0.00	39.41 1.35 0.00	35.98 1.07 0.00	36.27 1.08 0.00	31.46 0.95 0.00	29.78 0.95 0.00	32.41 1.00 0.00	37.21 1.07 0.00	34.53 1.21 0.00	27.59 1.17 0.00	24.62 1.23 0.00	32.92 1.75 0.00	35.35 1.84 0.00	39.20 1.91 0.00	38.13 1.77 0.00	39.67 1.72 0.00	39.75 1.57 0.00	41.05 1.61 0.00	55.12 1.92 0.00	64.99 2.43 0.00	38.94 1.56 0.00	38.93 1.65 0.00	37.33 1.42 0.00	34.78 1.19 0.00

RAVENSWOOD_GT2_3 24246	39.52 1.49 0.00	39.42 1.36 0.00	36.00 1.08 0.00	36.29 1.10 0.00	31.48 0.97 0.00	29.80 0.97 0.00	32.42 1.02 0.00	37.23 1.09 0.00	34.54 1.23 0.00	27.60 1.17 0.00	24.63 1.24 0.00	32.94 1.76 0.00	35.37 1.86 0.00	39.21 1.92 0.00	38.15 1.79 0.00	39.69 1.75 0.00	39.77 1.59 0.00	41.06 1.62 0.00	55.15 1.95 0.00	65.02 2.46 0.00	38.96 1.58 0.00	38.94 1.67 0.00	37.34 1.43 0.00	34.80 1.21 0.00
RAVENSWOOD_GT2_4 24247	39.52 1.49 0.00	39.42 1.36 0.00	36.00 1.08 0.00	36.29 1.10 0.00	31.48 0.97 0.00	29.80 0.97 0.00	32.42 1.02 0.00	37.23 1.09 0.00	34.54 1.23 0.00	27.60 1.17 0.00	24.63 1.24 0.00	32.94 1.76 0.00	35.37 1.86 0.00	39.21 1.92 0.00	38.15 1.79 0.00	39.69 1.75 0.00	39.77 1.59 0.00	41.06 1.62 0.00	55.15 1.95 0.00	65.02 2.46 0.00	38.96 1.58 0.00	38.94 1.67 0.00	37.34 1.43 0.00	34.80 1.21 0.00
RAVENSWOOD_GT3_1 24248	39.51 1.48 0.00	39.41 1.35 0.00	35.98 1.07 0.00	36.27 1.08 0.00	31.46 0.95 0.00	29.78 0.96 0.00	32.41 1.00 0.00	37.21 1.07 0.00	34.53 1.21 0.00	27.59 1.17 0.00	24.62 1.23 0.00	32.92 1.75 0.00	35.35 1.84 0.00	39.20 1.91 0.00	38.13 1.77 0.00	39.67 1.73 0.00	39.75 1.57 0.00	41.05 1.61 0.00	55.12 1.92 0.00	65.00 2.43 0.00	38.94 1.56 0.00	38.93 1.65 0.00	37.33 1.42 0.00	34.78 1.19 0.00
RAVENSWOOD_GT3_2 24249	39.51 1.48 0.00	39.41 1.35 0.00	35.98 1.07 0.00	36.27 1.08 0.00	31.46 0.95 0.00	29.78 0.96 0.00	32.41 1.00 0.00	37.21 1.07 0.00	34.53 1.21 0.00	27.59 1.17 0.00	24.62 1.23 0.00	32.92 1.75 0.00	35.35 1.84 0.00	39.20 1.91 0.00	38.13 1.77 0.00	39.67 1.73 0.00	39.75 1.57 0.00	41.05 1.61 0.00	55.12 1.92 0.00	65.00 2.43 0.00	38.94 1.56 0.00	38.93 1.65 0.00	37.33 1.42 0.00	34.78 1.19 0.00
RAVENSWOOD_GT3_3 24250	39.55 1.53 0.00	39.46 1.40 0.00	36.03 1.11 0.00	36.32 1.13 0.00	31.50 0.99 0.00	29.82 0.99 0.00	32.45 1.05 0.00	37.26 1.13 0.00	34.57 1.26 0.00	27.62 1.20 0.00	24.65 1.26 0.00	32.97 1.79 0.00	35.41 1.90 0.00	39.26 1.96 0.00	38.19 1.83 0.00	39.73 1.79 0.00	39.81 1.63 0.00	41.10 1.66 0.00	55.21 2.00 0.00	65.09 2.52 0.00	39.00 1.62 0.00	38.99 1.71 0.00	37.37 1.46 0.00	34.83 1.25 0.00
RAVENSWOOD_GT3_4 24251	39.55 1.53 0.00	39.46 1.40 0.00	36.03 1.11 0.00	36.32 1.13 0.00	31.50 0.99 0.00	29.82 0.99 0.00	32.45 1.05 0.00	37.26 1.13 0.00	34.57 1.26 0.00	27.62 1.20 0.00	24.65 1.26 0.00	32.97 1.79 0.00	35.41 1.90 0.00	39.26 1.96 0.00	38.19 1.83 0.00	39.73 1.79 0.00	39.81 1.63 0.00	41.10 1.66 0.00	55.21 2.00 0.00	65.09 2.52 0.00	39.00 1.62 0.00	38.99 1.71 0.00	37.37 1.46 0.00	34.83 1.25 0.00
RAVENSWOOD_GT_1 23729	39.54 1.52 0.00	39.47 1.42 0.00	36.02 1.10 0.00	36.25 1.06 0.00	31.46 0.95 0.00	29.80 0.97 0.00	32.43 1.03 0.00	37.21 1.07 0.00	34.55 1.24 0.00	27.63 1.21 0.00	24.66 1.27 0.00	32.97 1.79 0.00	35.37 1.87 0.00	39.16 1.86 0.00	38.10 1.74 0.00	39.63 1.69 0.00	39.68 1.50 0.00	40.96 1.52 0.00	54.99 1.79 0.00	64.83 2.26 0.00	38.87 1.49 0.00	38.85 1.58 0.00	37.29 1.38 0.00	34.79 1.21 0.00
RAVENSWOOD_GT_10 24258	39.51 1.48 0.00	39.41 1.35 0.00	35.98 1.07 0.00	36.28 1.09 0.00	31.46 0.96 0.00	29.78 0.96 0.00	32.41 1.00 0.00	37.22 1.08 0.00	34.53 1.22 0.00	27.59 1.17 0.00	24.62 1.23 0.00	32.92 1.75 0.00	35.35 1.85 0.00	39.20 1.91 0.00	38.14 1.78 0.00	39.67 1.73 0.00	39.77 1.59 0.00	41.05 1.62 0.00	55.14 1.94 0.00	65.01 2.45 0.00	38.95 1.57 0.00	38.94 1.66 0.00	37.33 1.42 0.00	34.78 1.19 0.00
RAVENSWOOD_GT_11 24259	39.51 1.48 0.00	39.41 1.35 0.00	35.98 1.07 0.00	36.28 1.09 0.00	31.46 0.96 0.00	29.78 0.96 0.00	32.41 1.00 0.00	37.22 1.08 0.00	34.53 1.22 0.00	27.59 1.17 0.00	24.62 1.23 0.00	32.92 1.75 0.00	35.35 1.85 0.00	39.20 1.91 0.00	38.14 1.78 0.00	39.67 1.73 0.00	39.77 1.59 0.00	41.05 1.62 0.00	55.14 1.94 0.00	65.01 2.45 0.00	38.95 1.57 0.00	38.94 1.66 0.00	37.33 1.42 0.00	34.78 1.19 0.00
RAVENSWOOD_GT_4 24252	39.52 1.49 0.00	39.41 1.36 0.00	35.99 1.07 0.00	36.30 1.11 0.00	31.48 0.97 0.00	29.79 0.96 0.00	32.42 1.02 0.00	37.23 1.10 0.00	34.54 1.23 0.00	27.59 1.17 0.00	24.62 1.23 0.00	32.93 1.75 0.00	35.36 1.85 0.00	39.22 1.93 0.00	38.16 1.80 0.00	39.70 1.75 0.00	39.79 1.61 0.00	41.09 1.65 0.00	55.18 1.97 0.00	65.07 2.51 0.00	38.98 1.60 0.00	38.97 1.69 0.00	37.35 1.44 0.00	34.79 1.21 0.00
RAVENSWOOD_GT_5 24254	39.52 1.49 0.00	39.41 1.36 0.00	35.99 1.07 0.00	36.30 1.11 0.00	31.48 0.97 0.00	29.79 0.96 0.00	32.42 1.02 0.00	37.23 1.10 0.00	34.54 1.23 0.00	27.59 1.17 0.00	24.62 1.23 0.00	32.93 1.75 0.00	35.36 1.85 0.00	39.22 1.93 0.00	38.16 1.80 0.00	39.70 1.75 0.00	39.79 1.61 0.00	41.09 1.65 0.00	55.18 1.97 0.00	65.07 2.51 0.00	38.98 1.60 0.00	38.97 1.69 0.00	37.35 1.44 0.00	34.79 1.21 0.00
RAVENSWOOD_GT_6 24253	39.52 1.49 0.00	39.41 1.36 0.00	35.99 1.07 0.00	36.30 1.11 0.00	31.48 0.97 0.00	29.79 0.96 0.00	32.42 1.02 0.00	37.23 1.10 0.00	34.54 1.23 0.00	27.59 1.17 0.00	24.62 1.23 0.00	32.93 1.75 0.00	35.36 1.85 0.00	39.22 1.93 0.00	38.16 1.80 0.00	39.70 1.75 0.00	39.79 1.61 0.00	41.09 1.65 0.00	55.18 1.97 0.00	65.07 2.51 0.00	38.98 1.60 0.00	38.97 1.69 0.00	37.35 1.44 0.00	34.79 1.21 0.00
RAVENSWOOD_GT_7 24255	39.52 1.49 0.00	39.41 1.36 0.00	35.99 1.07 0.00	36.30 1.11 0.00	31.48 0.97 0.00	29.79 0.96 0.00	32.42 1.02 0.00	37.23 1.10 0.00	34.54 1.23 0.00	27.59 1.17 0.00	24.62 1.23 0.00	32.93 1.75 0.00	35.36 1.85 0.00	39.22 1.93 0.00	38.16 1.80 0.00	39.70 1.75 0.00	39.79 1.61 0.00	41.09 1.65 0.00	55.18 1.97 0.00	65.07 2.51 0.00	38.98 1.60 0.00	38.97 1.69 0.00	37.35 1.44 0.00	34.79 1.21 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	39.51 1.48 0.00	39.41 1.35 0.00	35.98 1.07 0.00	36.28 1.09 0.00	31.46 0.96 0.00	29.78 0.96 0.00	32.41 1.00 0.00	37.22 1.08 0.00	34.53 1.22 0.00	27.59 1.17 0.00	24.62 1.23 0.00	32.92 1.75 0.00	35.35 1.85 0.00	39.20 1.91 0.00	38.14 1.78 0.00	39.67 1.73 0.00	39.77 1.59 0.00	41.05 1.62 0.00	55.14 1.94 0.00	65.01 2.45 0.00	38.95 1.57 0.00	38.94 1.66 0.00	37.33 1.42 0.00	34.78 1.19 0.00
RAVENSWOOD_GT_9 24257	39.51 1.48 0.00	39.41 1.35 0.00	35.98 1.07 0.00	36.28 1.09 0.00	31.46 0.96 0.00	29.78 0.96 0.00	32.41 1.00 0.00	37.22 1.08 0.00	34.53 1.22 0.00	27.59 1.17 0.00	24.62 1.23 0.00	32.92 1.75 0.00	35.35 1.85 0.00	39.20 1.91 0.00	38.14 1.78 0.00	39.67 1.73 0.00	39.77 1.59 0.00	41.05 1.62 0.00	55.14 1.94 0.00	65.01 2.45 0.00	38.95 1.57 0.00	38.94 1.66 0.00	37.33 1.42 0.00	34.78 1.19 0.00

RAVENSWOOD___1 23533	39.50 1.48 0.00	39.43 1.38 0.00	35.99 1.07 0.00	36.22 1.02 0.00	31.43 0.93 0.00	29.78 0.95 0.00	32.41 1.00 0.00	37.17 1.03 0.00	34.51 1.20 0.00	27.60 1.17 0.00	24.64 1.25 0.00	32.94 1.76 0.00	35.34 1.84 0.00	39.13 1.83 0.00	38.07 1.71 0.00	39.60 1.66 0.00	39.64 1.46 0.00	40.92 1.48 0.00	54.95 1.75 0.00	64.78 2.22 0.00	38.85 1.47 0.00	38.82 1.55 0.00	37.27 1.36 0.00	34.76 1.18 0.00
RAVENSWOOD___2 23534	39.28 1.25 0.00	39.21 1.16 0.00	35.77 0.85 0.00	36.08 0.88 0.00	31.38 0.87 0.00	29.73 0.90 0.00	32.34 0.94 0.00	37.01 0.87 0.00	34.32 1.01 0.00	27.52 1.10 0.00	24.60 1.21 0.00	32.88 1.71 0.00	35.28 1.77 0.00	38.97 1.68 0.00	37.85 1.49 0.00	39.32 1.38 0.00	39.38 1.19 0.00	40.63 1.19 0.00	54.53 1.33 0.00	64.29 1.73 0.00	38.57 1.19 0.00	38.54 1.27 0.00	37.05 1.14 0.00	34.66 1.07 0.00
RAVENSWOOD___3 23535	39.50 1.48 0.00	39.41 1.36 0.00	35.98 1.07 0.00	36.27 1.08 0.00	31.46 0.95 0.00	29.79 0.96 0.00	32.41 1.00 0.00	37.21 1.08 0.00	34.53 1.22 0.00	27.59 1.17 0.00	24.62 1.23 0.00	32.93 1.75 0.00	35.35 1.84 0.00	39.20 1.90 0.00	38.13 1.77 0.00	39.67 1.73 0.00	39.76 1.58 0.00	41.05 1.61 0.00	55.12 1.92 0.00	65.00 2.44 0.00	38.95 1.57 0.00	38.93 1.65 0.00	37.33 1.42 0.00	34.78 1.20 0.00
RAVENSWOOD___4 23820	39.50 1.48 0.00	39.43 1.38 0.00	35.99 1.07 0.00	36.22 1.02 0.00	31.43 0.93 0.00	29.78 0.95 0.00	32.41 1.00 0.00	37.17 1.03 0.00	34.51 1.20 0.00	27.60 1.17 0.00	24.64 1.25 0.00	32.94 1.76 0.00	35.34 1.84 0.00	39.13 1.83 0.00	38.07 1.71 0.00	39.60 1.66 0.00	39.64 1.46 0.00	40.92 1.48 0.00	54.95 1.75 0.00	64.78 2.22 0.00	38.85 1.47 0.00	38.82 1.55 0.00	37.27 1.36 0.00	34.76 1.18 0.00
RCPL_TRUST___DRP 24196	39.54 1.51 0.00	39.45 1.39 0.00	36.01 1.10 0.00	36.33 1.14 0.00	31.51 1.00 0.00	29.81 0.99 0.00	32.45 1.04 0.00	37.26 1.13 0.00	34.56 1.26 0.00	27.61 1.19 0.00	24.63 1.24 0.00	32.95 1.77 0.00	35.39 1.88 0.00	39.24 1.95 0.00	38.16 1.80 0.00	39.70 1.76 0.00	39.79 1.61 0.00	41.09 1.65 0.00	55.18 1.97 0.00	65.06 2.49 0.00	38.97 1.60 0.00	38.95 1.68 0.00	37.35 1.44 0.00	34.80 1.22 0.00
RED___ROCHESTER 323720	37.89 -0.13 0.00	37.96 -0.09 0.00	34.79 -0.13 0.00	35.03 -0.17 0.00	30.26 -0.25 0.00	28.83 0.00 0.00	31.35 -0.05 0.00	36.19 0.06 0.00	33.43 0.11 0.00	26.46 0.03 0.00	23.23 -0.15 0.00	30.68 -0.50 0.00	33.03 -0.48 0.00	36.86 -0.44 0.00	36.00 -0.36 0.00	37.38 -0.56 0.00	37.36 -0.82 0.00	38.59 -0.85 0.00	52.44 -0.76 0.00	61.40 -1.16 0.00	36.48 -0.90 0.00	36.52 -0.75 0.00	35.53 -0.38 0.00	33.54 -0.05 0.00
REGAN___SOLAR 323812	38.96 0.93 0.00	39.02 0.96 0.00	35.82 0.91 0.00	36.08 0.89 0.00	31.26 0.75 0.00	29.54 0.71 0.00	32.23 0.82 0.00	37.11 0.98 0.00	33.67 0.35 0.00	26.11 -0.32 0.00	23.16 -0.23 0.00	31.10 -0.08 0.00	33.53 0.02 0.00	37.24 -0.05 0.00	36.31 -0.05 0.00	38.20 0.25 0.00	38.89 0.71 0.00	40.76 1.32 0.00	55.15 1.94 0.00	64.91 2.35 0.00	38.70 1.32 0.00	38.49 1.21 0.00	36.96 1.05 0.00	34.44 0.85 0.00
RENSSELAER___COGEN 23796	38.15 0.13 0.00	38.16 0.11 0.00	34.94 0.03 0.00	35.25 0.05 0.00	30.66 0.15 0.00	28.91 0.08 0.00	31.50 0.09 0.00	36.21 0.08 0.00	33.34 0.03 0.00	26.53 0.11 0.00	23.59 0.20 0.00	31.50 0.32 0.00	33.73 0.23 0.00	37.51 0.22 0.00	36.62 0.26 0.00	38.30 0.36 0.00	38.56 0.38 0.00	39.74 0.30 0.00	53.33 0.13 0.00	62.81 0.25 0.00	37.71 0.33 0.00	37.57 0.29 0.00	36.03 0.11 0.00	33.60 0.02 0.00
REPUBLIC_115KV_BARTNBK 55605	41.72 3.69 0.00	41.40 3.34 0.00	37.57 2.65 0.00	37.72 2.53 0.00	33.18 2.67 0.00	31.48 2.65 0.00	34.46 3.06 0.00	39.52 3.38 0.00	36.16 2.85 0.00	28.43 2.00 0.00	25.42 2.04 0.00	34.01 2.84 0.00	36.50 2.99 0.00	40.29 3.00 0.00	39.42 3.06 0.00	41.54 3.60 0.00	42.31 4.13 0.00	43.69 4.25 0.00	58.48 5.28 0.00	68.95 6.39 0.00	41.81 4.44 0.00	41.46 4.19 0.00	39.69 3.78 0.00	36.27 2.68 0.00
REVERE_CPPR_DRP 24186	38.92 0.90 0.00	38.90 0.85 0.00	35.68 0.76 0.00	36.05 0.86 0.00	31.28 0.77 0.00	29.56 0.73 0.00	32.22 0.81 0.00	37.15 1.01 0.00	34.11 0.80 0.00	26.84 0.41 0.00	23.58 0.19 0.00	31.39 0.21 0.00	33.72 0.21 0.00	37.63 0.34 0.00	36.81 0.45 0.00	38.59 0.66 0.00	39.05 0.87 0.00	40.53 1.09 0.00	54.99 1.79 0.00	64.63 2.06 0.00	38.53 1.15 0.00	38.31 1.03 0.00	36.85 0.93 0.00	34.42 0.84 0.00
REYNLDPA_13_KV_LD 356490	38.68 0.65 0.00	38.71 0.65 0.00	35.55 0.64 0.00	35.84 0.65 0.00	31.06 0.55 0.00	29.41 0.59 0.00	32.04 0.64 0.00	36.86 0.72 0.00	33.97 0.66 0.00	26.94 0.52 0.00	23.80 0.41 0.00	31.73 0.55 0.00	34.16 0.65 0.00	38.03 0.73 0.00	37.03 0.67 0.00	38.58 0.64 0.00	38.78 0.60 0.00	40.10 0.66 0.00	54.20 1.00 0.00	63.69 1.13 0.00	37.89 0.51 0.00	37.76 0.48 0.00	36.54 0.63 0.00	34.27 0.69 0.00
REYNOLDS_115KV_TB3 80639	38.47 0.44 0.00	38.45 0.39 0.00	35.17 0.26 0.00	35.51 0.32 0.00	30.87 0.36 0.00	29.11 0.28 0.00	31.72 0.32 0.00	36.45 0.31 0.00	33.54 0.23 0.00	26.69 0.27 0.00	23.74 0.36 0.00	31.71 0.54 0.00	33.97 0.46 0.00	37.80 0.51 0.00	36.88 0.52 0.00	38.58 0.64 0.00	38.84 0.65 0.00	40.03 0.59 0.00	53.69 0.49 0.00	63.25 0.68 0.00	37.98 0.60 0.00	37.86 0.58 0.00	36.30 0.39 0.00	33.84 0.26 0.00
RIVERBAY____ 323610	40.30 2.27 0.00	40.24 2.19 0.00	36.70 1.78 0.00	36.69 1.50 0.00	31.87 1.36 0.00	30.28 1.45 0.00	32.96 1.56 0.00	37.86 1.73 0.00	35.16 1.85 0.00	28.07 1.65 0.00	25.03 1.65 0.00	33.45 2.27 0.00	35.88 2.37 0.00	39.79 2.49 0.00	38.72 2.36 0.00	40.30 2.36 0.00	40.33 2.15 0.00	41.62 2.19 0.00	55.98 2.77 0.00	65.97 3.41 0.00	39.53 2.15 0.00	39.49 2.21 0.00	37.86 1.95 0.00	35.31 1.73 0.00
RIVERSDE_115KV_TB3 55908	38.33 0.30 0.00	38.32 0.26 0.00	35.07 0.16 0.00	35.39 0.19 0.00	30.78 0.27 0.00	29.03 0.19 0.00	31.63 0.22 0.00	36.35 0.22 0.00	33.46 0.15 0.00	26.62 0.20 0.00	23.68 0.29 0.00	31.63 0.45 0.00	33.87 0.36 0.00	37.68 0.38 0.00	36.77 0.41 0.00	38.47 0.53 0.00	38.73 0.56 0.00	39.92 0.48 0.00	53.55 0.35 0.00	63.08 0.52 0.00	37.86 0.49 0.00	37.75 0.47 0.00	36.18 0.27 0.00	33.74 0.15 0.00
ROARING___BROOK_WT_PWR 323790	37.60 -0.43 0.00	37.74 -0.32 0.00	34.72 -0.20 0.00	35.14 -0.05 0.00	30.50 -0.01 0.00	28.77 -0.06 0.00	31.30 -0.10 0.00	36.05 -0.08 0.00	33.27 -0.04 0.00	26.35 -0.08 0.00	23.31 -0.08 0.00	31.10 -0.07 0.00	33.52 0.01 0.00	37.24 -0.06 0.00	36.28 -0.08 0.00	37.74 -0.20 0.00	37.91 -0.27 0.00	39.40 -0.04 0.00	53.21 0.01 0.00	62.48 -0.09 0.00	37.20 -0.18 0.00	37.03 -0.25 0.00	35.55 -0.36 0.00	33.30 -0.29 0.00

ROCHESRG_115KV_T4 355643	37.63 -0.39 0.00	37.72 -0.34 0.00	34.59 -0.33 0.00	34.82 -0.37 0.00	30.09 -0.42 0.00	28.66 -0.16 0.00	31.16 -0.24 0.00	35.95 -0.18 0.00	33.20 -0.11 0.00	26.30 -0.13 0.00	23.10 -0.29 0.00	30.49 -0.69 0.00	32.80 -0.70 0.00	36.60 -0.69 0.00	35.75 -0.61 0.00	37.10 -0.84 0.00	37.06 -1.12 0.00	38.25 -1.19 0.00	51.93 -1.27 0.00	60.81 -1.75 0.00	36.15 -1.23 0.00	36.21 -1.07 0.00	35.25 -0.66 0.00	33.29 -0.29 0.00
ROCHESTER_9_IC 23652	37.79 -0.24 0.00	37.87 -0.19 0.00	34.72 -0.20 0.00	34.95 -0.24 0.00	30.20 -0.31 0.00	28.78 -0.06 0.00	31.28 -0.12 0.00	36.10 -0.04 0.00	33.34 0.03 0.00	26.40 -0.03 0.00	23.18 -0.20 0.00	30.60 -0.58 0.00	32.93 -0.57 0.00	36.75 -0.55 0.00	35.89 -0.47 0.00	37.26 -0.68 0.00	37.23 -0.95 0.00	38.45 -0.99 0.00	52.21 -0.99 0.00	61.14 -1.42 0.00	36.34 -1.04 0.00	36.39 -0.89 0.00	35.41 -0.50 0.00	33.44 -0.14 0.00
ROCKVIEW_13_KV_LD 356306	39.52 1.49 0.00	39.41 1.36 0.00	35.99 1.07 0.00	36.31 1.12 0.00	31.49 0.98 0.00	29.78 0.95 0.00	32.40 1.00 0.00	37.23 1.10 0.00	34.52 1.21 0.00	27.57 1.14 0.00	24.62 1.23 0.00	32.93 1.75 0.00	35.38 1.87 0.00	39.26 1.96 0.00	38.20 1.83 0.00	39.75 1.80 0.00	39.87 1.69 0.00	41.14 1.71 0.00	55.31 2.11 0.00	65.21 2.65 0.00	39.05 1.67 0.00	39.01 1.73 0.00	37.39 1.48 0.00	34.82 1.24 0.00
ROME____115KV_TB2 80656	38.92 0.90 0.00	38.90 0.85 0.00	35.68 0.76 0.00	36.05 0.86 0.00	31.28 0.77 0.00	29.56 0.73 0.00	32.22 0.81 0.00	37.15 1.01 0.00	34.11 0.80 0.00	26.84 0.41 0.00	23.58 0.19 0.00	31.39 0.21 0.00	33.72 0.21 0.00	37.63 0.34 0.00	36.81 0.45 0.00	38.59 0.66 0.00	39.05 0.87 0.00	40.53 1.09 0.00	54.99 1.79 0.00	64.63 2.06 0.00	38.53 1.15 0.00	38.31 1.03 0.00	36.85 0.93 0.00	34.42 0.84 0.00
ROSETON___1 23587	39.14 1.11 0.00	39.08 1.02 0.00	35.72 0.80 0.00	36.00 0.81 0.00	31.23 0.72 0.00	29.50 0.67 0.00	32.11 0.70 0.00	36.90 0.77 0.00	34.16 0.85 0.00	27.25 0.83 0.00	24.31 0.92 0.00	32.50 1.32 0.00	34.90 1.39 0.00	38.76 1.47 0.00	37.74 1.38 0.00	39.32 1.38 0.00	39.49 1.31 0.00	40.76 1.32 0.00	54.74 1.54 0.00	64.52 1.96 0.00	38.67 1.29 0.00	38.62 1.34 0.00	37.00 1.09 0.00	34.46 0.87 0.00
ROSETON___2 23588	39.14 1.11 0.00	39.08 1.02 0.00	35.72 0.80 0.00	36.00 0.81 0.00	31.23 0.72 0.00	29.50 0.67 0.00	32.11 0.70 0.00	36.90 0.77 0.00	34.16 0.85 0.00	27.25 0.83 0.00	24.31 0.92 0.00	32.50 1.32 0.00	34.90 1.39 0.00	38.76 1.47 0.00	37.74 1.38 0.00	39.32 1.38 0.00	39.49 1.31 0.00	40.76 1.32 0.00	54.74 1.54 0.00	64.52 1.96 0.00	38.67 1.29 0.00	38.62 1.34 0.00	37.00 1.09 0.00	34.46 0.87 0.00
ROTRRDAM_115KV_TB3 80664	38.74 0.72 0.00	38.76 0.70 0.00	35.50 0.58 0.00	35.78 0.59 0.00	31.03 0.52 0.00	29.29 0.46 0.00	31.93 0.52 0.00	36.71 0.57 0.00	33.77 0.46 0.00	26.78 0.36 0.00	23.79 0.40 0.00	31.78 0.60 0.00	34.12 0.61 0.00	37.92 0.63 0.00	36.98 0.62 0.00	38.65 0.71 0.00	38.98 0.80 0.00	40.29 0.84 0.00	54.21 1.01 0.00	63.82 1.25 0.00	38.22 0.84 0.00	38.12 0.84 0.00	36.60 0.69 0.00	34.12 0.53 0.00
RUSSELL___1 23602	37.89 -0.14 0.00	37.96 -0.10 0.00	34.79 -0.12 0.00	35.02 -0.17 0.00	30.26 -0.25 0.00	28.83 0.00 0.00	31.35 -0.05 0.00	36.20 0.06 0.00	33.42 0.11 0.00	26.46 0.03 0.00	23.23 -0.15 0.00	30.68 -0.50 0.00	33.03 -0.48 0.00	36.86 -0.44 0.00	36.00 -0.36 0.00	37.38 -0.56 0.00	37.36 -0.82 0.00	38.59 -0.85 0.00	52.44 -0.76 0.00	61.40 -1.16 0.00	36.49 -0.89 0.00	36.52 -0.75 0.00	35.54 -0.38 0.00	33.54 -0.05 0.00
RUSSELL___2 23532	37.89 -0.14 0.00	37.96 -0.10 0.00	34.79 -0.12 0.00	35.02 -0.17 0.00	30.26 -0.25 0.00	28.83 0.00 0.00	31.35 -0.05 0.00	36.20 0.06 0.00	33.42 0.11 0.00	26.46 0.03 0.00	23.23 -0.15 0.00	30.68 -0.50 0.00	33.03 -0.48 0.00	36.86 -0.44 0.00	36.00 -0.36 0.00	37.38 -0.56 0.00	37.36 -0.82 0.00	38.59 -0.85 0.00	52.44 -0.76 0.00	61.40 -1.16 0.00	36.49 -0.89 0.00	36.52 -0.75 0.00	35.54 -0.38 0.00	33.54 -0.05 0.00
RUSSELL___3 23549	37.89 -0.14 0.00	37.96 -0.10 0.00	34.79 -0.12 0.00	35.02 -0.17 0.00	30.26 -0.25 0.00	28.83 0.00 0.00	31.35 -0.05 0.00	36.20 0.06 0.00	33.42 0.11 0.00	26.46 0.03 0.00	23.23 -0.15 0.00	30.68 -0.50 0.00	33.03 -0.48 0.00	36.86 -0.44 0.00	36.00 -0.36 0.00	37.38 -0.56 0.00	37.36 -0.82 0.00	38.59 -0.85 0.00	52.44 -0.76 0.00	61.40 -1.16 0.00	36.49 -0.89 0.00	36.52 -0.75 0.00	35.54 -0.38 0.00	33.54 -0.05 0.00
RUSSELL___4 23556	37.89 -0.14 0.00	37.96 -0.10 0.00	34.79 -0.12 0.00	35.02 -0.17 0.00	30.26 -0.25 0.00	28.83 0.00 0.00	31.35 -0.05 0.00	36.20 0.06 0.00	33.42 0.11 0.00	26.46 0.03 0.00	23.23 -0.15 0.00	30.68 -0.50 0.00	33.03 -0.48 0.00	36.86 -0.44 0.00	36.00 -0.36 0.00	37.38 -0.56 0.00	37.36 -0.82 0.00	38.59 -0.85 0.00	52.44 -0.76 0.00	61.40 -1.16 0.00	36.49 -0.89 0.00	36.52 -0.75 0.00	35.54 -0.38 0.00	33.54 -0.05 0.00
RUSSELL___STATION 23914	37.89 -0.14 0.00	37.96 -0.10 0.00	34.79 -0.12 0.00	35.02 -0.17 0.00	30.26 -0.25 0.00	28.83 0.00 0.00	31.35 -0.05 0.00	36.20 0.06 0.00	33.42 0.11 0.00	26.46 0.03 0.00	23.23 -0.15 0.00	30.68 -0.50 0.00	33.03 -0.48 0.00	36.86 -0.44 0.00	36.00 -0.36 0.00	37.38 -0.56 0.00	37.36 -0.82 0.00	38.59 -0.85 0.00	52.44 -0.76 0.00	61.40 -1.16 0.00	36.49 -0.89 0.00	36.52 -0.75 0.00	35.54 -0.38 0.00	33.54 -0.05 0.00
S SALMON___HYD 24043	37.76 -0.27 0.00	37.73 -0.33 0.00	34.63 -0.29 0.00	34.96 -0.24 0.00	30.32 -0.18 0.00	28.69 -0.14 0.00	31.20 -0.20 0.00	36.02 -0.12 0.00	33.15 -0.16 0.00	26.10 -0.32 0.00	22.94 -0.45 0.00	30.51 -0.67 0.00	32.72 -0.79 0.00	36.33 -0.96 0.00	35.39 -0.97 0.00	36.96 -0.98 0.00	37.37 -0.81 0.00	38.75 -0.69 0.00	52.81 -0.39 0.00	62.13 -0.44 0.00	37.11 -0.27 0.00	36.90 -0.37 0.00	35.64 -0.28 0.00	33.32 -0.27 0.00
S.PERRY__115KV_TB1 80734	38.67 0.65 0.00	38.77 0.71 0.00	35.49 0.57 0.00	35.63 0.43 0.00	30.79 0.28 0.00	29.43 0.60 0.00	32.03 0.63 0.00	37.07 0.93 0.00	34.29 0.98 0.00	26.89 0.46 0.00	23.27 -0.11 0.00	30.70 -0.48 0.00	33.07 -0.44 0.00	36.91 -0.38 0.00	36.16 -0.21 0.00	37.40 -0.54 0.00	37.74 -0.44 0.00	38.80 -0.64 0.00	53.35 0.15 0.00	62.82 0.26 0.00	37.44 0.06 0.00	37.49 0.21 0.00	36.33 0.41 0.00	34.19 0.60 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	37.36 -0.67 0.00	37.58 -0.47 0.00	34.45 -0.47 0.00	34.65 -0.55 0.00	29.84 -0.67 0.00	28.65 -0.18 0.00	31.00 -0.41 0.00	35.82 -0.32 0.00	33.15 -0.16 0.00	26.37 -0.05 0.00	23.14 -0.25 0.00	30.28 -0.90 0.00	32.61 -0.90 0.00	36.36 -0.93 0.00	35.48 -0.88 0.00	36.49 -1.45 0.00	35.93 -2.25 0.00	36.77 -2.67 0.00	50.04 -3.16 0.00	58.28 -4.28 0.00	34.56 -2.82 0.00	34.88 -2.39 0.00	34.50 -1.42 0.00	33.05 -0.53 0.00

SAWYER___23_KV_LOAD 55526	37.36 -0.67 0.00	37.58 -0.47 0.00	34.45 -0.47 0.00	34.65 -0.55 0.00	29.84 -0.67 0.00	28.65 -0.18 0.00	31.00 -0.41 0.00	35.82 -0.32 0.00	33.15 -0.16 0.00	26.37 -0.05 0.00	23.14 -0.25 0.00	30.28 -0.90 0.00	32.61 -0.90 0.00	36.36 -0.93 0.00	35.48 -0.88 0.00	36.49 -1.45 0.00	35.93 -2.25 0.00	36.77 -2.67 0.00	50.04 -3.16 0.00	58.28 -4.28 0.00	34.56 -2.82 0.00	34.88 -2.39 0.00	34.50 -1.42 0.00	33.05 -0.53 0.00
SELKIRK___I 23801	38.52 0.49 0.00	38.55 0.50 0.00	35.34 0.43 0.00	35.62 0.43 0.00	30.95 0.44 0.00	29.18 0.35 0.00	31.80 0.39 0.00	36.55 0.42 0.00	33.64 0.33 0.00	26.66 0.24 0.00	23.69 0.31 0.00	31.65 0.48 0.00	33.93 0.43 0.00	37.70 0.41 0.00	36.79 0.43 0.00	38.58 0.64 0.00	38.87 0.68 0.00	40.06 0.62 0.00	53.79 0.59 0.00	63.32 0.76 0.00	37.99 0.61 0.00	37.88 0.60 0.00	36.36 0.44 0.00	33.91 0.33 0.00
SELKIRK___II 23799	38.34 0.31 0.00	38.35 0.30 0.00	35.14 0.22 0.00	35.43 0.23 0.00	30.78 0.27 0.00	29.02 0.19 0.00	31.62 0.21 0.00	36.35 0.22 0.00	33.50 0.19 0.00	26.64 0.21 0.00	23.67 0.29 0.00	31.62 0.44 0.00	33.89 0.38 0.00	37.68 0.39 0.00	36.76 0.40 0.00	38.44 0.49 0.00	38.68 0.50 0.00	39.88 0.44 0.00	53.57 0.36 0.00	63.06 0.50 0.00	37.83 0.45 0.00	37.73 0.45 0.00	36.20 0.29 0.00	33.77 0.18 0.00
SENECA OSWGO___HYD 24041	37.23 -0.80 0.00	37.24 -0.82 0.00	34.15 -0.77 0.00	34.41 -0.78 0.00	29.83 -0.68 0.00	28.21 -0.62 0.00	30.72 -0.68 0.00	35.38 -0.76 0.00	32.64 -0.67 0.00	25.83 -0.59 0.00	22.78 -0.61 0.00	30.32 -0.86 0.00	32.57 -0.94 0.00	36.26 -1.04 0.00	35.38 -0.98 0.00	36.94 -1.00 0.00	37.18 -1.00 0.00	38.41 -1.03 0.00	51.97 -1.24 0.00	61.08 -1.48 0.00	36.48 -0.90 0.00	36.39 -0.89 0.00	35.12 -0.79 0.00	32.86 -0.72 0.00
SENECA___115KV_TB3 355854	37.58 -0.45 0.00	37.81 -0.25 0.00	34.64 -0.28 0.00	34.81 -0.38 0.00	30.02 -0.49 0.00	28.81 -0.02 0.00	31.19 -0.22 0.00	36.03 -0.10 0.00	33.36 0.05 0.00	26.51 0.09 0.00	23.25 -0.14 0.00	30.45 -0.73 0.00	32.80 -0.71 0.00	36.57 -0.73 0.00	35.67 -0.70 0.00	36.70 -1.25 0.00	36.17 -2.01 0.00	37.07 -2.37 0.00	50.53 -2.67 0.00	58.92 -3.64 0.00	34.96 -2.42 0.00	35.28 -2.00 0.00	34.81 -1.11 0.00	33.26 -0.32 0.00
SENECA___ENERGY 23797	37.84 -0.18 0.00	37.89 -0.16 0.00	34.71 -0.20 0.00	34.96 -0.23 0.00	30.27 -0.24 0.00	28.72 -0.11 0.00	31.31 -0.10 0.00	36.10 -0.03 0.00	33.31 0.00 0.00	26.26 -0.16 0.00	23.05 -0.34 0.00	30.58 -0.60 0.00	32.86 -0.65 0.00	36.64 -0.65 0.00	35.79 -0.57 0.00	37.33 -0.61 0.00	37.60 -0.58 0.00	38.89 -0.55 0.00	52.87 -0.33 0.00	62.19 -0.37 0.00	37.07 -0.31 0.00	37.02 -0.26 0.00	35.70 -0.21 0.00	33.48 -0.10 0.00
SHOEMAKER___GT 23640	39.22 1.19 0.00	39.17 1.12 0.00	35.79 0.87 0.00	36.07 0.88 0.00	31.26 0.75 0.00	29.54 0.71 0.00	32.16 0.75 0.00	36.98 0.85 0.00	34.27 0.95 0.00	27.30 0.87 0.00	24.29 0.90 0.00	32.47 1.30 0.00	34.85 1.34 0.00	38.69 1.40 0.00	37.71 1.35 0.00	39.35 1.41 0.00	39.55 1.37 0.00	40.83 1.39 0.00	54.98 1.77 0.00	64.85 2.29 0.00	38.82 1.44 0.00	38.76 1.49 0.00	37.14 1.23 0.00	34.61 1.02 0.00
SHOEMAKR_138KV_BK 111 55601	39.19 1.17 0.00	39.14 1.08 0.00	35.76 0.84 0.00	36.05 0.85 0.00	31.24 0.73 0.00	29.52 0.69 0.00	32.14 0.74 0.00	36.96 0.82 0.00	34.24 0.93 0.00	27.27 0.85 0.00	24.28 0.89 0.00	32.46 1.29 0.00	34.85 1.33 0.00	38.69 1.40 0.00	37.71 1.35 0.00	39.34 1.39 0.00	39.53 1.34 0.00	40.79 1.36 0.00	54.93 1.73 0.00	64.82 2.26 0.00	38.79 1.41 0.00	38.73 1.45 0.00	37.12 1.21 0.00	34.59 1.00 0.00
SHOREHAM_IC_1 23715	39.00 0.97 0.00	38.43 0.37 0.00	35.11 0.20 0.00	35.30 0.11 0.00	30.57 0.06 0.00	29.06 0.23 0.00	31.47 0.06 0.00	36.07 -0.07 0.00	33.27 -0.04 0.01	26.61 0.19 0.00	24.44 1.02 -0.04	32.54 1.39 0.03	35.14 1.48 -0.15	38.80 1.50 0.00	37.48 1.12 0.00	38.61 0.67 0.00	38.68 0.50 0.00	39.90 0.46 0.00	53.18 0.01 0.03	45.34 0.26 17.49	37.73 0.35 0.00	37.63 0.35 0.00	35.95 0.04 0.00	33.46 -0.13 0.00
SHOREHAM_IC_2 23716	39.00 0.98 0.00	38.42 0.37 0.00	35.12 0.20 0.00	35.30 0.11 0.00	30.57 0.06 0.00	29.06 0.23 0.00	31.47 0.06 0.00	36.07 -0.07 0.00	33.27 -0.04 0.01	26.61 0.19 0.00	24.44 1.02 -0.04	32.54 1.39 0.03	35.14 1.48 -0.15	38.80 1.50 0.00	37.48 1.12 0.00	38.61 0.67 0.00	38.68 0.50 0.00	39.90 0.46 0.00	53.19 0.02 0.03	45.34 0.27 17.49	37.73 0.35 0.00	37.63 0.35 0.00	35.95 0.04 0.00	33.46 -0.13 0.00
SISSONVILLE____ 23735	39.08 1.05 0.00	39.04 0.99 0.00	35.87 0.95 0.00	36.21 1.02 0.00	31.43 0.92 0.00	29.78 0.95 0.00	32.46 1.06 0.00	37.41 1.27 0.00	34.35 1.03 0.00	27.00 0.58 0.00	23.76 0.37 0.00	31.63 0.45 0.00	34.07 0.56 0.00	37.87 0.57 0.00	36.81 0.45 0.00	38.38 0.44 0.00	38.99 0.81 0.00	40.24 0.80 0.00	54.70 1.50 0.00	64.25 1.68 0.00	38.32 0.94 0.00	38.27 1.00 0.00	37.02 1.11 0.00	34.70 1.12 0.00
SITHE_IND_GS1 24169	36.87 -1.16 0.00	36.90 -1.16 0.00	33.84 -1.07 0.00	34.10 -1.09 0.00	29.55 -0.95 0.00	27.96 -0.87 0.00	30.45 -0.96 0.00	35.06 -1.08 0.00	32.33 -0.98 0.00	25.61 -0.82 0.00	22.62 -0.77 0.00	30.11 -1.08 0.00	32.35 -1.16 0.00	36.03 -1.27 0.00	35.16 -1.21 0.00	36.67 -1.27 0.00	36.90 -1.28 0.00	38.11 -1.33 0.00	51.49 -1.71 0.00	60.52 -2.05 0.00	36.14 -1.24 0.00	36.06 -1.22 0.00	34.79 -1.12 0.00	32.56 -1.03 0.00
SITHE_IND_GS2 24170	36.87 -1.16 0.00	36.90 -1.16 0.00	33.84 -1.07 0.00	34.10 -1.09 0.00	29.55 -0.95 0.00	27.96 -0.87 0.00	30.45 -0.96 0.00	35.06 -1.08 0.00	32.33 -0.98 0.00	25.61 -0.82 0.00	22.62 -0.77 0.00	30.11 -1.08 0.00	32.35 -1.16 0.00	36.03 -1.27 0.00	35.16 -1.21 0.00	36.67 -1.27 0.00	36.90 -1.28 0.00	38.11 -1.33 0.00	51.49 -1.71 0.00	60.52 -2.05 0.00	36.14 -1.24 0.00	36.06 -1.22 0.00	34.79 -1.12 0.00	32.56 -1.03 0.00
SITHE_IND_GS3 24171	36.87 -1.16 0.00	36.90 -1.16 0.00	33.84 -1.07 0.00	34.10 -1.09 0.00	29.55 -0.95 0.00	27.96 -0.87 0.00	30.45 -0.96 0.00	35.06 -1.08 0.00	32.33 -0.98 0.00	25.61 -0.82 0.00	22.62 -0.77 0.00	30.11 -1.08 0.00	32.35 -1.16 0.00	36.03 -1.27 0.00	35.16 -1.21 0.00	36.67 -1.27 0.00	36.90 -1.28 0.00	38.11 -1.33 0.00	51.49 -1.71 0.00	60.52 -2.05 0.00	36.14 -1.24 0.00	36.06 -1.22 0.00	34.79 -1.12 0.00	32.56 -1.03 0.00
SITHE_IND_GS4 24172	36.87 -1.16 0.00	36.90 -1.16 0.00	33.84 -1.07 0.00	34.10 -1.09 0.00	29.55 -0.95 0.00	27.96 -0.87 0.00	30.45 -0.96 0.00	35.06 -1.08 0.00	32.33 -0.98 0.00	25.61 -0.82 0.00	22.62 -0.77 0.00	30.11 -1.08 0.00	32.35 -1.16 0.00	36.03 -1.27 0.00	35.16 -1.21 0.00	36.67 -1.27 0.00	36.90 -1.28 0.00	38.11 -1.33 0.00	51.49 -1.71 0.00	60.52 -2.05 0.00	36.14 -1.24 0.00	36.06 -1.22 0.00	34.79 -1.12 0.00	32.56 -1.03 0.00

SITHE___BATAVIA 24024	38.25 0.22 0.00	38.41 0.35 0.00	35.23 0.31 0.00	35.43 0.24 0.00	30.54 0.03 0.00	29.28 0.44 0.00	31.76 0.35 0.00	36.67 0.54 0.00	33.89 0.57 0.00	26.83 0.41 0.00	23.41 0.02 0.00	30.47 -0.71 0.00	32.76 -0.75 0.00	36.54 -0.75 0.00	35.80 -0.57 0.00	36.96 -0.98 0.00	36.66 -1.53 0.00	37.84 -1.60 0.00	51.82 -1.38 0.00	60.57 -1.99 0.00	35.92 -1.46 0.00	36.13 -1.15 0.00	35.52 -0.39 0.00	33.84 0.25 0.00
SITHE___INDEPEND 23800	36.87 -1.16 0.00	36.90 -1.15 0.00	33.84 -1.07 0.00	34.10 -1.09 0.00	29.55 -0.95 0.00	27.96 -0.87 0.00	30.45 -0.96 0.00	35.06 -1.07 0.00	32.33 -0.98 0.00	25.61 -0.82 0.00	22.62 -0.76 0.00	30.11 -1.07 0.00	32.35 -1.16 0.00	36.03 -1.27 0.00	35.16 -1.21 0.00	36.68 -1.26 0.00	36.90 -1.28 0.00	38.11 -1.33 0.00	51.49 -1.71 0.00	60.52 -2.04 0.00	36.14 -1.24 0.00	36.06 -1.22 0.00	34.79 -1.12 0.00	32.56 -1.03 0.00
SITHE___MASSENA 23902	38.68 0.66 0.00	38.72 0.66 0.00	35.57 0.65 0.00	35.86 0.67 0.00	31.08 0.57 0.00	29.43 0.60 0.00	32.06 0.65 0.00	36.89 0.76 0.00	33.97 0.66 0.00	26.91 0.49 0.00	23.77 0.38 0.00	31.68 0.50 0.00	34.11 0.60 0.00	37.97 0.68 0.00	36.97 0.61 0.00	38.53 0.58 0.00	38.78 0.60 0.00	40.08 0.64 0.00	54.19 0.99 0.00	63.80 1.24 0.00	37.96 0.58 0.00	37.84 0.57 0.00	36.61 0.70 0.00	34.34 0.75 0.00
SITHE___OGDNSBRG 24021	39.46 1.43 0.00	39.47 1.41 0.00	36.29 1.37 0.00	36.60 1.41 0.00	31.72 1.21 0.00	30.07 1.24 0.00	32.79 1.39 0.00	37.77 1.63 0.00	34.60 1.29 0.00	27.09 0.67 0.00	23.84 0.45 0.00	31.76 0.59 0.00	34.22 0.71 0.00	38.08 0.78 0.00	37.05 0.69 0.00	38.63 0.69 0.00	39.29 1.11 0.00	40.72 1.27 0.00	55.35 2.14 0.00	65.28 2.71 0.00	38.82 1.44 0.00	38.70 1.42 0.00	37.44 1.52 0.00	35.12 1.53 0.00
SITHE___STERLING 23777	38.62 0.59 0.00	38.62 0.57 0.00	35.42 0.51 0.00	35.76 0.57 0.00	31.02 0.51 0.00	29.32 0.49 0.00	31.93 0.53 0.00	36.80 0.67 0.00	33.82 0.51 0.00	26.68 0.25 0.00	23.47 0.08 0.00	31.24 0.06 0.00	33.57 0.06 0.00	37.46 0.17 0.00	36.65 0.28 0.00	38.32 0.38 0.00	38.80 0.62 0.00	40.20 0.76 0.00	54.45 1.25 0.00	63.99 1.43 0.00	38.16 0.78 0.00	37.98 0.70 0.00	36.54 0.63 0.00	34.13 0.54 0.00
SLEIGHT__34_KV_TB1 80719	37.59 -0.44 0.00	37.66 -0.39 0.00	34.51 -0.41 0.00	34.77 -0.42 0.00	30.07 -0.43 0.00	28.58 -0.25 0.00	31.13 -0.27 0.00	35.92 -0.21 0.00	33.14 -0.17 0.00	26.17 -0.25 0.00	22.95 -0.44 0.00	30.35 -0.83 0.00	32.65 -0.86 0.00	36.44 -0.85 0.00	35.59 -0.77 0.00	37.05 -0.89 0.00	37.18 -1.00 0.00	38.54 -0.90 0.00	52.36 -0.84 0.00	61.40 -1.16 0.00	36.54 -0.84 0.00	36.52 -0.75 0.00	35.38 -0.53 0.00	33.27 -0.31 0.00
SMITHTWN_69_KV_BK 1 55830	39.42 1.39 0.00	38.87 0.81 0.00	35.58 0.66 0.00	35.78 0.59 0.00	30.98 0.47 0.00	29.44 0.60 0.00	31.87 0.47 0.00	36.52 0.38 0.00	33.79 0.49 0.01	27.05 0.63 0.00	24.71 1.29 -0.04	33.05 1.89 0.02	35.71 2.03 -0.17	39.40 2.11 0.00	38.07 1.71 0.00	39.20 1.26 0.00	39.27 1.09 0.00	40.49 1.05 0.00	53.87 0.70 0.03	46.33 1.08 17.32	38.30 0.92 0.00	38.23 0.95 0.00	36.58 0.67 0.00	34.07 0.48 0.00
SOUTH CAIRO___GT 23612	39.21 1.19 0.00	39.20 1.14 0.00	35.89 0.97 0.00	36.17 0.98 0.00	31.46 0.95 0.00	29.68 0.86 0.00	32.39 0.99 0.00	37.35 1.22 0.00	34.44 1.13 0.00	27.27 0.84 0.00	24.10 0.71 0.00	32.21 1.03 0.00	34.55 1.04 0.00	38.21 0.91 0.00	37.27 0.91 0.00	39.45 1.51 0.00	39.99 1.81 0.00	41.34 1.90 0.00	55.51 2.30 0.00	65.14 2.57 0.00	39.01 1.63 0.00	38.78 1.50 0.00	37.12 1.21 0.00	34.55 0.96 0.00
SOUTH HAMPTN___IC 23720	39.06 1.03 0.00	38.45 0.40 0.00	35.14 0.22 0.00	35.32 0.13 0.00	30.58 0.07 0.00	29.11 0.28 0.00	31.52 0.12 0.00	36.14 0.01 0.00	33.40 0.09 0.01	26.75 0.33 0.00	24.54 1.12 -0.04	32.73 1.58 0.03	35.35 1.69 -0.15	39.02 1.73 0.00	37.69 1.33 0.00	38.82 0.88 0.00	38.90 0.72 0.00	40.13 0.69 0.00	53.48 0.31 0.03	45.61 0.58 17.53	37.92 0.54 0.00	37.79 0.51 0.00	36.09 0.17 0.00	33.58 -0.01 0.00
SOUTHDOW_115KV_TB1 355954	38.10 0.07 0.00	38.37 0.32 0.00	34.89 -0.02 0.00	34.98 -0.21 0.00	30.21 -0.30 0.00	29.00 0.17 0.00	31.38 -0.02 0.00	36.36 0.23 0.00	33.95 0.64 0.00	27.04 0.62 0.00	23.72 0.34 0.00	31.25 0.07 0.00	33.56 0.05 0.00	37.45 0.16 0.00	36.24 -0.13 0.00	37.31 -0.63 0.00	37.09 -1.10 0.00	38.09 -1.35 0.00	51.58 -1.62 0.00	60.24 -2.32 0.00	35.73 -1.65 0.00	35.91 -1.36 0.00	35.41 -0.50 0.00	33.84 0.25 0.00
SOUTHOLD_69_KV_BK 2 55809	38.74 0.71 0.00	38.03 -0.02 0.00	34.74 -0.18 0.00	34.90 -0.30 0.00	30.21 -0.30 0.00	28.83 0.00 0.00	31.23 -0.17 0.00	35.83 -0.31 0.00	33.15 -0.16 0.01	26.59 0.17 0.00	24.44 1.01 -0.04	32.59 1.44 0.03	35.21 1.55 -0.15	38.88 1.59 0.00	37.54 1.18 0.00	38.65 0.71 0.00	38.73 0.55 0.00	39.98 0.54 0.00	53.27 0.10 0.03	45.34 0.30 17.53	37.72 0.34 0.00	37.53 0.25 0.00	35.79 -0.12 0.00	33.27 -0.31 0.00
SOUTHOLD___IC 23719	38.73 0.71 0.00	38.03 -0.02 0.00	34.74 -0.18 0.00	34.89 -0.30 0.00	30.21 -0.30 0.00	28.83 0.00 0.00	31.23 -0.17 0.00	35.83 -0.31 0.00	33.15 -0.16 0.01	26.59 0.17 0.00	24.44 1.01 -0.04	32.59 1.44 0.03	35.21 1.55 -0.15	38.88 1.59 0.00	37.54 1.18 0.00	38.65 0.71 0.00	38.73 0.55 0.00	39.98 0.54 0.00	53.27 0.10 0.03	45.33 0.29 17.53	37.72 0.34 0.00	37.53 0.25 0.00	35.79 -0.12 0.00	33.27 -0.31 0.00
SOUTH_FORK_WT_PWR 323839	38.14 0.11 0.00	37.39 -0.67 0.00	34.14 -0.78 0.00	34.27 -0.93 0.00	29.67 -0.84 0.00	28.36 -0.47 0.00	30.72 -0.69 0.00	35.23 -0.90 0.00	32.60 -0.70 0.01	26.17 -0.26 0.00	24.07 0.64 -0.04	32.11 0.96 0.03	34.69 1.03 -0.15	38.30 1.01 0.00	36.99 0.63 0.00	38.07 0.13 0.00	38.15 -0.03 0.00	39.39 -0.05 0.00	52.48 -0.69 0.03	44.40 -0.63 17.53	37.17 -0.21 0.00	36.96 -0.31 0.00	35.22 -0.69 0.00	32.74 -0.85 0.00
SPIERFLS_115KV_TB 1 80737	39.12 1.09 0.00	39.03 0.97 0.00	35.63 0.71 0.00	35.91 0.72 0.00	31.24 0.73 0.00	29.55 0.71 0.00	32.26 0.86 0.00	37.07 0.94 0.00	34.05 0.74 0.00	26.91 0.48 0.00	23.95 0.56 0.00	32.02 0.85 0.00	34.35 0.84 0.00	38.11 0.82 0.00	37.21 0.85 0.00	39.07 1.12 0.00	39.63 1.45 0.00	41.00 1.56 0.00	55.05 1.85 0.00	64.79 2.23 0.00	38.92 1.54 0.00	38.69 1.42 0.00	37.06 1.15 0.00	34.33 0.74 0.00
ST LAWRENCE____ 23600	38.24 0.22 0.00	38.28 0.22 0.00	35.16 0.24 0.00	35.44 0.25 0.00	30.71 0.20 0.00	29.07 0.24 0.00	31.67 0.26 0.00	36.42 0.29 0.00	33.58 0.27 0.00	26.64 0.22 0.00	23.55 0.16 0.00	31.40 0.22 0.00	33.80 0.29 0.00	37.63 0.34 0.00	36.64 0.27 0.00	38.18 0.24 0.00	38.44 0.25 0.00	39.74 0.30 0.00	53.69 0.49 0.00	63.07 0.51 0.00	37.57 0.19 0.00	37.40 0.12 0.00	36.15 0.24 0.00	33.89 0.31 0.00

STATE_CA_115KV_115_LB 55624	38.35 0.32 0.00	38.35 0.30 0.00	35.12 0.20 0.00	35.41 0.22 0.00	30.81 0.30 0.00	29.06 0.22 0.00	31.66 0.26 0.00	36.40 0.27 0.00	33.50 0.19 0.00	26.64 0.22 0.00	23.69 0.31 0.00	31.66 0.48 0.00	33.91 0.40 0.00	37.69 0.40 0.00	36.80 0.44 0.00	38.51 0.57 0.00	38.79 0.61 0.00	39.97 0.53 0.00	53.66 0.46 0.00	63.19 0.63 0.00	37.91 0.53 0.00	37.78 0.50 0.00	36.21 0.30 0.00	33.78 0.19 0.00
STATE_ST_34_KV_LOAD 55959	38.01 -0.02 0.00	38.16 0.10 0.00	34.88 -0.04 0.00	35.25 0.05 0.00	30.52 0.01 0.00	28.90 0.07 0.00	31.52 0.12 0.00	36.29 0.16 0.00	33.46 0.14 0.00	26.33 -0.10 0.00	23.18 -0.21 0.00	30.80 -0.39 0.00	33.10 -0.41 0.00	36.91 -0.38 0.00	36.06 -0.30 0.00	37.57 -0.37 0.00	37.93 -0.25 0.00	39.34 -0.10 0.00	53.34 0.14 0.00	62.70 0.14 0.00	37.41 0.03 0.00	37.32 0.05 0.00	35.97 0.06 0.00	33.68 0.10 0.00
STATION_5_MISC_HYD 23604	37.79 -0.24 0.00	37.87 -0.19 0.00	34.72 -0.20 0.00	34.95 -0.24 0.00	30.20 -0.31 0.00	28.77 -0.06 0.00	31.28 -0.12 0.00	36.09 -0.04 0.00	33.34 0.03 0.00	26.40 -0.03 0.00	23.18 -0.21 0.00	30.60 -0.58 0.00	32.93 -0.58 0.00	36.75 -0.54 0.00	35.89 -0.47 0.00	37.27 -0.67 0.00	37.23 -0.95 0.00	38.45 -0.99 0.00	52.21 -0.99 0.00	61.15 -1.42 0.00	36.33 -1.05 0.00	36.39 -0.89 0.00	35.41 -0.50 0.00	33.44 -0.14 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	37.78 -0.25 0.00	37.83 -0.22 0.00	34.67 -0.25 0.00	34.91 -0.28 0.00	30.21 -0.30 0.00	28.72 -0.11 0.00	31.26 -0.14 0.00	36.07 -0.06 0.00	33.29 -0.02 0.00	26.30 -0.12 0.00	23.11 -0.28 0.00	30.56 -0.61 0.00	32.87 -0.64 0.00	36.68 -0.62 0.00	35.84 -0.53 0.00	37.31 -0.63 0.00	37.42 -0.76 0.00	38.69 -0.75 0.00	52.54 -0.66 0.00	61.62 -0.94 0.00	36.68 -0.69 0.00	36.67 -0.61 0.00	35.52 -0.39 0.00	33.43 -0.16 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	37.57 -0.46 0.00	37.65 -0.41 0.00	34.52 -0.40 0.00	34.74 -0.45 0.00	30.03 -0.48 0.00	28.60 -0.23 0.00	31.11 -0.30 0.00	35.90 -0.23 0.00	33.15 -0.16 0.00	26.24 -0.18 0.00	23.05 -0.34 0.00	30.44 -0.74 0.00	32.76 -0.76 0.00	36.55 -0.75 0.00	35.71 -0.66 0.00	37.08 -0.86 0.00	37.08 -1.10 0.00	38.31 -1.13 0.00	52.01 -1.20 0.00	60.91 -1.66 0.00	36.20 -1.18 0.00	36.23 -1.04 0.00	35.23 -0.68 0.00	33.25 -0.34 0.00
STA_56___34_KV_BUS2 355983	37.57 -0.46 0.00	37.65 -0.41 0.00	34.52 -0.40 0.00	34.74 -0.45 0.00	30.03 -0.48 0.00	28.60 -0.23 0.00	31.11 -0.30 0.00	35.90 -0.23 0.00	33.15 -0.16 0.00	26.24 -0.18 0.00	23.05 -0.34 0.00	30.44 -0.74 0.00	32.76 -0.76 0.00	36.55 -0.75 0.00	35.71 -0.66 0.00	37.08 -0.86 0.00	37.08 -1.10 0.00	38.31 -1.13 0.00	52.01 -1.20 0.00	60.91 -1.66 0.00	36.20 -1.18 0.00	36.23 -1.04 0.00	35.23 -0.68 0.00	33.25 -0.34 0.00
STA_67___115KV_BK2 355882	37.74 -0.29 0.00	37.82 -0.23 0.00	34.67 -0.24 0.00	34.90 -0.29 0.00	30.17 -0.34 0.00	28.73 -0.10 0.00	31.24 -0.16 0.00	36.06 -0.08 0.00	33.29 -0.02 0.00	26.36 -0.07 0.00	23.15 -0.23 0.00	30.56 -0.62 0.00	32.88 -0.63 0.00	36.68 -0.61 0.00	35.84 -0.52 0.00	37.20 -0.74 0.00	37.17 -1.01 0.00	38.37 -1.07 0.00	52.10 -1.10 0.00	61.01 -1.55 0.00	36.27 -1.11 0.00	36.32 -0.95 0.00	35.35 -0.57 0.00	33.39 -0.19 0.00
STA_7___115KV_9TRANS 80674	37.89 -0.14 0.00	37.96 -0.10 0.00	34.79 -0.12 0.00	35.02 -0.17 0.00	30.26 -0.25 0.00	28.83 0.00 0.00	31.35 -0.05 0.00	36.20 0.06 0.00	33.42 0.11 0.00	26.46 0.03 0.00	23.23 -0.15 0.00	30.68 -0.50 0.00	33.03 -0.48 0.00	36.86 -0.44 0.00	36.00 -0.36 0.00	37.38 -0.56 0.00	37.36 -0.82 0.00	38.59 -0.85 0.00	52.44 -0.76 0.00	61.40 -1.16 0.00	36.49 -0.89 0.00	36.52 -0.75 0.00	35.54 -0.38 0.00	33.54 -0.05 0.00
STA_82___115KV_TB1 80780	37.75 -0.28 0.00	37.83 -0.23 0.00	34.69 -0.23 0.00	34.91 -0.28 0.00	30.17 -0.34 0.00	28.75 -0.09 0.00	31.26 -0.15 0.00	36.06 -0.07 0.00	33.30 -0.01 0.00	26.37 -0.05 0.00	23.16 -0.23 0.00	30.56 -0.62 0.00	32.88 -0.63 0.00	36.69 -0.60 0.00	35.84 -0.52 0.00	37.21 -0.74 0.00	37.17 -1.01 0.00	38.38 -1.06 0.00	52.13 -1.07 0.00	61.03 -1.53 0.00	36.28 -1.10 0.00	36.33 -0.95 0.00	35.36 -0.55 0.00	33.40 -0.19 0.00
STEEL___WIND 323596	37.54 -0.49 0.00	37.75 -0.31 0.00	34.58 -0.33 0.00	34.78 -0.42 0.00	29.99 -0.52 0.00	28.78 -0.05 0.00	31.16 -0.24 0.00	35.99 -0.14 0.00	33.32 0.01 0.00	26.48 0.06 0.00	23.22 -0.16 0.00	30.41 -0.77 0.00	32.76 -0.75 0.00	36.53 -0.77 0.00	35.62 -0.74 0.00	36.65 -1.29 0.00	36.09 -2.09 0.00	37.01 -2.43 0.00	50.46 -2.74 0.00	58.84 -3.73 0.00	34.90 -2.48 0.00	35.24 -2.04 0.00	34.77 -1.14 0.00	33.23 -0.36 0.00
STEPHTWN_115KV_BK_2 55603	38.59 0.57 0.00	38.56 0.51 0.00	35.25 0.34 0.00	35.60 0.41 0.00	30.92 0.41 0.00	29.18 0.35 0.00	31.82 0.42 0.00	36.64 0.50 0.00	33.68 0.36 0.00	26.80 0.38 0.00	23.85 0.46 0.00	31.90 0.72 0.00	34.15 0.64 0.00	37.90 0.60 0.00	37.04 0.67 0.00	38.80 0.86 0.00	39.15 0.97 0.00	40.27 0.83 0.00	54.06 0.86 0.00	63.67 1.11 0.00	38.12 0.74 0.00	38.01 0.73 0.00	36.45 0.53 0.00	33.96 0.38 0.00
STEBEN_REC_LFGE 323667	37.14 -0.88 0.00	37.48 -0.58 0.00	34.12 -0.80 0.00	34.10 -1.09 0.00	29.50 -1.01 0.00	28.38 -0.45 0.00	30.75 -0.65 0.00	35.61 -0.52 0.00	33.07 -0.24 0.00	26.06 -0.36 0.00	22.72 -0.67 0.00	30.07 -1.11 0.00	32.38 -1.13 0.00	36.10 -1.19 0.00	35.30 -1.07 0.00	36.49 -1.45 0.00	36.25 -1.93 0.00	37.11 -2.33 0.00	50.87 -2.33 0.00	60.31 -2.25 0.00	36.26 -1.12 0.00	36.27 -1.01 0.00	34.92 -0.99 0.00	32.86 -0.72 0.00
STILLWATER___SOLAR 323814	39.25 1.22 0.00	39.23 1.18 0.00	35.86 0.94 0.00	36.15 0.96 0.00	31.39 0.88 0.00	29.66 0.83 0.00	32.37 0.96 0.00	37.20 1.06 0.00	34.15 0.84 0.00	27.04 0.62 0.00	24.05 0.66 0.00	32.12 0.94 0.00	34.44 0.93 0.00	38.24 0.95 0.00	37.37 1.00 0.00	39.18 1.24 0.00	39.65 1.47 0.00	40.98 1.54 0.00	55.03 1.83 0.00	64.75 2.19 0.00	38.86 1.48 0.00	38.69 1.42 0.00	37.10 1.19 0.00	34.49 0.91 0.00
STONY___BROOK 24151	39.43 1.40 0.00	38.88 0.82 0.00	35.58 0.66 0.00	35.78 0.59 0.00	30.98 0.47 0.00	29.44 0.60 0.00	31.87 0.47 0.00	36.52 0.39 0.00	33.79 0.48 0.01	27.03 0.61 0.00	24.70 1.28 -0.04	33.02 1.86 0.03	35.67 2.00 -0.16	39.37 2.08 0.00	38.04 1.68 0.00	39.18 1.24 0.00	39.25 1.07 0.00	40.47 1.04 0.00	53.72 0.55 0.03	46.11 0.94 17.39	38.29 0.91 0.00	38.21 0.94 0.00	36.56 0.65 0.00	34.04 0.45 0.00
STURGEON_POOL_HYD 23609	39.30 1.27 0.00	39.24 1.19 0.00	35.88 0.96 0.00	36.15 0.96 0.00	31.33 0.82 0.00	29.59 0.77 0.00	32.22 0.81 0.00	37.05 0.92 0.00	34.33 1.02 0.00	27.42 1.00 0.00	24.43 1.04 0.00	32.65 1.47 0.00	35.06 1.55 0.00	38.92 1.63 0.00	37.93 1.56 0.00	39.53 1.59 0.00	39.70 1.52 0.00	40.96 1.52 0.00	55.07 1.86 0.00	64.95 2.39 0.00	38.92 1.54 0.00	38.85 1.57 0.00	37.20 1.29 0.00	34.64 1.05 0.00

ST_LAW_115_BK7_LBMP 345037	38.27 0.25 0.00	38.31 0.26 0.00	35.19 0.27 0.00	35.48 0.28 0.00	30.73 0.23 0.00	29.10 0.27 0.00	31.71 0.30 0.00	36.47 0.33 0.00	33.62 0.31 0.00	26.66 0.24 0.00	23.57 0.18 0.00	31.41 0.24 0.00	33.83 0.32 0.00	37.66 0.36 0.00	36.66 0.30 0.00	38.21 0.26 0.00	38.47 0.28 0.00	39.75 0.31 0.00	53.73 0.52 0.00	63.13 0.57 0.00	37.59 0.21 0.00	37.43 0.15 0.00	36.19 0.28 0.00	33.94 0.36 0.00
ST_LAW_115_BK8_LBMP 345038	38.27 0.25 0.00	38.31 0.26 0.00	35.19 0.27 0.00	35.48 0.28 0.00	30.73 0.23 0.00	29.10 0.27 0.00	31.71 0.30 0.00	36.47 0.33 0.00	33.62 0.31 0.00	26.66 0.24 0.00	23.57 0.18 0.00	31.41 0.24 0.00	33.83 0.32 0.00	37.66 0.36 0.00	36.66 0.30 0.00	38.21 0.26 0.00	38.47 0.28 0.00	39.75 0.31 0.00	53.73 0.52 0.00	63.13 0.57 0.00	37.59 0.21 0.00	37.43 0.15 0.00	36.19 0.28 0.00	33.94 0.36 0.00
ST_LAW_230_BK5_LBMP 345035	38.24 0.22 0.00	38.28 0.22 0.00	35.16 0.24 0.00	35.44 0.25 0.00	30.71 0.20 0.00	29.07 0.24 0.00	31.67 0.26 0.00	36.42 0.29 0.00	33.58 0.27 0.00	26.64 0.22 0.00	23.55 0.16 0.00	31.40 0.22 0.00	33.80 0.29 0.00	37.63 0.34 0.00	36.64 0.27 0.00	38.18 0.24 0.00	38.44 0.25 0.00	39.74 0.30 0.00	53.69 0.49 0.00	63.07 0.51 0.00	37.57 0.19 0.00	37.40 0.12 0.00	36.15 0.24 0.00	33.89 0.31 0.00
ST_LAW_230_BK6_LBMP 345036	38.24 0.22 0.00	38.28 0.22 0.00	35.16 0.24 0.00	35.44 0.25 0.00	30.71 0.20 0.00	29.07 0.24 0.00	31.67 0.26 0.00	36.42 0.29 0.00	33.58 0.27 0.00	26.64 0.22 0.00	23.55 0.16 0.00	31.40 0.22 0.00	33.80 0.29 0.00	37.63 0.34 0.00	36.64 0.27 0.00	38.18 0.24 0.00	38.44 0.25 0.00	39.74 0.30 0.00	53.69 0.49 0.00	63.07 0.51 0.00	37.57 0.19 0.00	37.40 0.12 0.00	36.15 0.24 0.00	33.89 0.31 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	39.25 1.22 0.00	39.18 1.12 0.00	35.78 0.86 0.00	36.07 0.88 0.00	31.26 0.75 0.00	29.55 0.72 0.00	32.16 0.76 0.00	36.98 0.85 0.00	34.29 0.98 0.00	27.33 0.91 0.00	24.35 0.96 0.00	32.58 1.41 0.00	34.98 1.47 0.00	38.85 1.56 0.00	37.85 1.49 0.00	39.45 1.50 0.00	39.62 1.44 0.00	40.89 1.45 0.00	55.04 1.84 0.00	64.95 2.39 0.00	38.87 1.50 0.00	38.83 1.55 0.00	37.20 1.29 0.00	34.65 1.07 0.00
SWANROAD_115KV_TB1 355699	36.97 -1.06 0.00	37.22 -0.84 0.00	34.16 -0.76 0.00	34.35 -0.85 0.00	29.56 -0.95 0.00	28.43 -0.40 0.00	30.73 -0.68 0.00	35.47 -0.66 0.00	32.80 -0.52 0.00	26.09 -0.33 0.00	22.89 -0.50 0.00	29.85 -1.33 0.00	32.16 -1.35 0.00	35.81 -1.48 0.00	35.01 -1.36 0.00	36.01 -1.93 0.00	35.21 -2.97 0.00	35.96 -3.48 0.00	49.01 -4.20 0.00	57.02 -5.54 0.00	33.83 -3.55 0.00	34.21 -3.07 0.00	34.03 -1.88 0.00	32.71 -0.87 0.00
SYNERGY___BIOGAS 323694	38.24 0.22 0.00	38.41 0.35 0.00	35.23 0.31 0.00	35.42 0.23 0.00	30.53 0.02 0.00	29.28 0.44 0.00	31.76 0.36 0.00	36.68 0.55 0.00	33.89 0.58 0.00	26.83 0.41 0.00	23.41 0.02 0.00	30.47 -0.71 0.00	32.76 -0.75 0.00	36.54 -0.75 0.00	35.80 -0.56 0.00	36.95 -0.99 0.00	36.65 -1.53 0.00	37.84 -1.60 0.00	51.82 -1.38 0.00	60.56 -2.00 0.00	35.93 -1.45 0.00	36.13 -1.15 0.00	35.52 -0.39 0.00	33.84 0.25 0.00
SYRACUSE___ENERGY_ST1 323597	37.72 -0.31 0.00	37.76 -0.29 0.00	34.61 -0.31 0.00	34.87 -0.32 0.00	30.22 -0.29 0.00	28.58 -0.25 0.00	31.15 -0.26 0.00	35.88 -0.26 0.00	33.08 -0.23 0.00	26.16 -0.26 0.00	23.06 -0.33 0.00	30.68 -0.50 0.00	32.98 -0.53 0.00	36.72 -0.57 0.00	35.87 -0.50 0.00	37.46 -0.49 0.00	37.72 -0.46 0.00	39.03 -0.41 0.00	52.79 -0.41 0.00	62.02 -0.54 0.00	37.02 -0.36 0.00	36.95 -0.33 0.00	35.62 -0.29 0.00	33.32 -0.27 0.00
SYRACUSE___ENERGY_ST2 323598	37.72 -0.31 0.00	37.76 -0.29 0.00	34.61 -0.31 0.00	34.87 -0.32 0.00	30.22 -0.29 0.00	28.58 -0.25 0.00	31.15 -0.26 0.00	35.88 -0.26 0.00	33.08 -0.23 0.00	26.16 -0.26 0.00	23.06 -0.33 0.00	30.68 -0.50 0.00	32.98 -0.53 0.00	36.72 -0.57 0.00	35.87 -0.50 0.00	37.46 -0.49 0.00	37.72 -0.46 0.00	39.03 -0.41 0.00	52.79 -0.41 0.00	62.02 -0.54 0.00	37.02 -0.36 0.00	36.95 -0.33 0.00	35.62 -0.29 0.00	33.32 -0.27 0.00
SYRACUSE___POWER 24017	37.72 -0.30 0.00	37.75 -0.31 0.00	34.61 -0.31 0.00	34.86 -0.33 0.00	30.21 -0.30 0.00	28.57 -0.26 0.00	31.13 -0.27 0.00	35.88 -0.26 0.00	33.07 -0.23 0.00	26.17 -0.26 0.00	23.07 -0.33 0.00	30.69 -0.49 0.00	32.98 -0.53 0.00	36.73 -0.56 0.00	35.87 -0.50 0.00	37.47 -0.48 0.00	37.74 -0.44 0.00	39.03 -0.41 0.00	52.77 -0.43 0.00	62.01 -0.55 0.00	37.01 -0.37 0.00	36.93 -0.35 0.00	35.62 -0.29 0.00	33.32 -0.27 0.00
TALLMAN_138KV_BK151 55660	39.27 1.24 0.00	39.17 1.12 0.00	35.75 0.83 0.00	36.06 0.87 0.00	31.25 0.74 0.00	29.55 0.73 0.00	32.15 0.75 0.00	36.96 0.83 0.00	34.29 0.98 0.00	27.35 0.93 0.00	24.38 0.99 0.00	32.65 1.47 0.00	35.06 1.55 0.00	38.92 1.63 0.00	37.90 1.54 0.00	39.47 1.53 0.00	39.62 1.44 0.00	40.90 1.46 0.00	55.05 1.85 0.00	64.96 2.40 0.00	38.88 1.50 0.00	38.85 1.57 0.00	37.20 1.29 0.00	34.66 1.07 0.00
TEALLAVE_115KV_TB7 355573	37.53 -0.50 0.00	37.55 -0.51 0.00	34.43 -0.49 0.00	34.69 -0.50 0.00	30.05 -0.45 0.00	28.43 -0.40 0.00	30.97 -0.43 0.00	35.68 -0.45 0.00	32.90 -0.41 0.00	26.05 -0.38 0.00	22.97 -0.42 0.00	30.57 -0.61 0.00	32.84 -0.67 0.00	36.58 -0.72 0.00	35.71 -0.65 0.00	37.29 -0.65 0.00	37.51 -0.67 0.00	38.77 -0.67 0.00	52.42 -0.79 0.00	61.58 -0.98 0.00	36.77 -0.61 0.00	36.69 -0.59 0.00	35.42 -0.49 0.00	33.14 -0.45 0.00
TELGRAPH_34_KV_EAST 80808	37.62 -0.40 0.00	37.83 -0.23 0.00	34.70 -0.22 0.00	34.89 -0.30 0.00	30.06 -0.45 0.00	28.86 0.03 0.00	31.25 -0.15 0.00	36.08 -0.05 0.00	33.36 0.05 0.00	26.49 0.06 0.00	23.16 -0.23 0.00	30.24 -0.94 0.00	32.56 -0.95 0.00	36.28 -1.01 0.00	35.47 -0.89 0.00	36.55 -1.40 0.00	35.97 -2.21 0.00	36.94 -2.50 0.00	50.45 -2.75 0.00	58.84 -3.73 0.00	34.91 -2.47 0.00	35.20 -2.07 0.00	34.79 -1.12 0.00	33.28 -0.30 0.00
TEMPLE___115KV_TB 2 55572	37.54 -0.49 0.00	37.57 -0.49 0.00	34.44 -0.47 0.00	34.70 -0.50 0.00	30.06 -0.45 0.00	28.44 -0.39 0.00	30.99 -0.42 0.00	35.70 -0.44 0.00	32.91 -0.40 0.00	26.06 -0.37 0.00	22.98 -0.41 0.00	30.58 -0.60 0.00	32.85 -0.66 0.00	36.59 -0.70 0.00	35.73 -0.63 0.00	37.31 -0.63 0.00	37.54 -0.64 0.00	38.79 -0.65 0.00	52.44 -0.76 0.00	61.61 -0.95 0.00	36.78 -0.60 0.00	36.71 -0.57 0.00	35.43 -0.48 0.00	33.15 -0.44 0.00
TIANA____69_KV_BK 1 55817	39.16 1.14 0.00	38.57 0.51 0.00	35.25 0.34 0.00	35.44 0.25 0.00	30.69 0.18 0.00	29.20 0.36 0.00	31.61 0.21 0.00	36.24 0.11 0.00	33.48 0.18 0.01	26.81 0.38 0.00	24.59 1.17 -0.04	32.79 1.64 0.03	35.42 1.76 -0.15	39.09 1.80 0.00	37.77 1.41 0.00	38.90 0.96 0.00	38.98 0.79 0.00	40.21 0.77 0.00	53.59 0.42 0.03	45.75 0.72 17.53	38.00 0.62 0.00	37.89 0.61 0.00	36.18 0.27 0.00	33.67 0.09 0.00

TILDEN___115KV_TB1 80814	37.72 -0.30 0.00	37.75 -0.31 0.00	34.61 -0.31 0.00	34.86 -0.33 0.00	30.21 -0.30 0.00	28.57 -0.26 0.00	31.13 -0.27 0.00	35.88 -0.26 0.00	33.07 -0.23 0.00	26.17 -0.26 0.00	23.07 -0.33 0.00	30.69 -0.49 0.00	32.98 -0.53 0.00	36.73 -0.56 0.00	35.87 -0.50 0.00	37.47 -0.48 0.00	37.74 -0.44 0.00	39.03 -0.41 0.00	52.77 -0.43 0.00	62.01 -0.55 0.00	37.01 -0.37 0.00	36.93 -0.35 0.00	35.62 -0.29 0.00	33.32 -0.27 0.00
TRIGEN___CC 323695	39.31 1.28 0.00	38.91 0.86 0.00	35.62 0.70 0.00	35.86 0.67 0.00	31.07 0.56 0.00	29.47 0.64 0.00	31.94 0.54 0.00	36.64 0.51 0.00	33.96 0.65 0.01	27.19 0.77 0.00	24.85 1.16 -0.31	33.60 1.78 -0.64	36.70 1.86 -1.34	39.15 1.85 0.00	37.91 1.55 0.00	39.27 1.33 0.00	39.39 1.21 0.00	40.62 1.18 0.00	54.43 1.24 0.01	60.63 1.72 3.66	38.54 1.16 0.00	38.50 1.22 0.00	36.87 0.95 0.00	34.39 0.80 0.00
TRINITY___115KV___4 BK 55933	38.21 0.18 0.00	38.20 0.15 0.00	34.98 0.06 0.00	35.28 0.09 0.00	30.69 0.19 0.00	28.95 0.12 0.00	31.55 0.14 0.00	36.26 0.13 0.00	33.37 0.06 0.00	26.56 0.13 0.00	23.62 0.23 0.00	31.54 0.36 0.00	33.77 0.26 0.00	37.56 0.27 0.00	36.66 0.30 0.00	38.36 0.42 0.00	38.62 0.44 0.00	39.80 0.36 0.00	53.40 0.20 0.00	62.90 0.33 0.00	37.75 0.37 0.00	37.63 0.35 0.00	36.07 0.16 0.00	33.64 0.06 0.00
UNION___PROCESSING_DRP 323587	37.75 -0.27 0.00	37.84 -0.21 0.00	34.70 -0.22 0.00	34.92 -0.27 0.00	30.17 -0.34 0.00	28.75 -0.08 0.00	31.26 -0.14 0.00	36.08 -0.05 0.00	33.32 0.00 0.00	26.38 -0.05 0.00	23.16 -0.23 0.00	30.56 -0.62 0.00	32.89 -0.62 0.00	36.69 -0.60 0.00	35.85 -0.52 0.00	37.21 -0.73 0.00	37.18 -1.00 0.00	38.38 -1.06 0.00	52.14 -1.06 0.00	61.05 -1.52 0.00	36.29 -1.09 0.00	36.33 -0.94 0.00	35.37 -0.54 0.00	33.41 -0.18 0.00
UPPER HUDSON___HYD 24058	39.12 1.09 0.00	39.03 0.97 0.00	35.63 0.71 0.00	35.91 0.72 0.00	31.24 0.73 0.00	29.54 0.71 0.00	32.26 0.86 0.00	37.07 0.94 0.00	34.05 0.74 0.00	26.91 0.48 0.00	23.95 0.56 0.00	32.02 0.85 0.00	34.35 0.84 0.00	38.11 0.82 0.00	37.21 0.85 0.00	39.07 1.12 0.00	39.63 1.45 0.00	41.00 1.56 0.00	55.05 1.85 0.00	64.79 2.23 0.00	38.92 1.54 0.00	38.69 1.42 0.00	37.06 1.15 0.00	34.33 0.74 0.00
UPPER RAQUET___HYD 24056	39.07 1.05 0.00	39.04 0.99 0.00	35.87 0.95 0.00	36.21 1.02 0.00	31.43 0.92 0.00	29.77 0.94 0.00	32.46 1.06 0.00	37.41 1.27 0.00	34.35 1.03 0.00	27.00 0.58 0.00	23.76 0.37 0.00	31.64 0.45 0.00	34.07 0.56 0.00	37.87 0.57 0.00	36.81 0.45 0.00	38.38 0.44 0.00	38.99 0.81 0.00	40.23 0.80 0.00	54.70 1.50 0.00	64.25 1.68 0.00	38.32 0.94 0.00	38.27 1.00 0.00	37.02 1.11 0.00	34.70 1.12 0.00
VALLEY44_115KV_TB2 355964	37.76 -0.27 0.00	37.97 -0.08 0.00	34.72 -0.20 0.00	34.95 -0.25 0.00	30.17 -0.34 0.00	28.88 0.05 0.00	31.30 -0.10 0.00	36.16 0.03 0.00	33.51 0.20 0.00	26.58 0.16 0.00	23.32 -0.07 0.00	30.68 -0.50 0.00	32.80 -0.71 0.00	36.57 -0.73 0.00	35.61 -0.76 0.00	36.71 -1.24 0.00	36.52 -1.67 0.00	37.56 -1.88 0.00	51.27 -1.93 0.00	60.04 -2.52 0.00	35.74 -1.64 0.00	36.08 -1.20 0.00	35.25 -0.66 0.00	33.55 -0.03 0.00
VALLEY___115KV_TB 1-4 80826	39.13 1.11 0.00	39.22 1.16 0.00	35.90 0.99 0.00	36.16 0.96 0.00	31.40 0.89 0.00	29.64 0.81 0.00	32.34 0.93 0.00	37.15 1.02 0.00	33.85 0.54 0.00	26.67 0.24 0.00	23.56 0.17 0.00	31.66 0.48 0.00	33.94 0.43 0.00	37.80 0.51 0.00	36.94 0.58 0.00	38.67 0.72 0.00	39.35 1.17 0.00	40.92 1.48 0.00	55.10 1.89 0.00	64.76 2.20 0.00	38.72 1.34 0.00	38.42 1.14 0.00	36.76 0.85 0.00	34.29 0.70 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	39.17 1.14 0.00	39.29 1.24 0.00	36.06 1.14 0.00	36.28 1.08 0.00	31.42 0.91 0.00	29.63 0.81 0.00	32.28 0.88 0.00	37.18 1.05 0.00	34.36 1.05 0.00	27.27 0.85 0.00	24.18 0.79 0.00	32.25 1.07 0.00	34.65 1.14 0.00	38.52 1.23 0.00	37.52 1.16 0.00	39.27 1.33 0.00	39.54 1.36 0.00	40.84 1.40 0.00	54.85 1.65 0.00	64.83 2.27 0.00	38.74 1.36 0.00	38.62 1.35 0.00	37.09 1.18 0.00	34.60 1.01 0.00
VISCHER___FERRY HYD 24020	38.84 0.81 0.00	38.80 0.74 0.00	35.47 0.55 0.00	35.79 0.59 0.00	31.06 0.55 0.00	29.33 0.50 0.00	31.97 0.57 0.00	36.74 0.61 0.00	33.79 0.48 0.00	26.85 0.42 0.00	23.88 0.49 0.00	31.90 0.72 0.00	34.17 0.66 0.00	38.03 0.74 0.00	37.10 0.74 0.00	38.84 0.90 0.00	39.20 1.02 0.00	40.43 0.99 0.00	54.25 1.05 0.00	63.88 1.32 0.00	38.35 0.97 0.00	38.21 0.93 0.00	36.66 0.75 0.00	34.13 0.55 0.00
V_A_10_SYNC_DSASP 323832	37.37 -0.66 0.00	37.57 -0.48 0.00	34.46 -0.46 0.00	34.67 -0.52 0.00	29.88 -0.63 0.00	28.64 -0.19 0.00	31.01 -0.40 0.00	35.81 -0.32 0.00	33.12 -0.19 0.00	26.31 -0.11 0.00	23.10 -0.29 0.00	30.29 -0.88 0.00	32.59 -0.92 0.00	36.34 -0.95 0.00	35.49 -0.88 0.00	36.57 -1.37 0.00	36.12 -2.06 0.00	37.00 -2.44 0.00	50.34 -2.87 0.00	58.70 -3.87 0.00	34.83 -2.55 0.00	35.10 -2.17 0.00	34.60 -1.31 0.00	33.07 -0.51 0.00
V_CMM_10_SYNC_DSASP 323787	38.47 0.44 0.00	38.50 0.45 0.00	35.37 0.45 0.00	35.66 0.46 0.00	30.90 0.39 0.00	29.25 0.42 0.00	31.87 0.47 0.00	36.66 0.52 0.00	33.79 0.48 0.00	26.79 0.37 0.00	23.68 0.29 0.00	31.57 0.39 0.00	33.99 0.48 0.00	37.83 0.54 0.00	36.84 0.48 0.00	38.39 0.45 0.00	38.62 0.44 0.00	39.92 0.48 0.00	53.95 0.75 0.00	63.42 0.85 0.00	37.75 0.37 0.00	37.60 0.32 0.00	36.36 0.45 0.00	34.11 0.52 0.00
V_CMP_10_SYNC_DSASP 323788	39.33 1.30 0.00	39.19 1.13 0.00	35.84 0.93 0.00	36.18 0.99 0.00	31.63 1.12 0.00	29.96 1.13 0.00	32.71 1.31 0.00	37.42 1.29 0.00	34.34 1.03 0.00	27.34 0.91 0.00	24.33 0.95 0.00	32.34 1.16 0.00	34.70 1.19 0.00	38.62 1.33 0.00	37.41 1.04 0.00	38.96 1.02 0.00	39.75 1.57 0.00	41.44 2.00 0.00	55.82 2.62 0.00	64.61 2.04 0.00	38.46 1.09 0.00	37.96 0.69 0.00	36.68 0.77 0.00	34.38 0.79 0.00
V_D_10_SYNC_DSASP 323841	38.68 0.66 0.00	38.71 0.66 0.00	35.56 0.64 0.00	35.86 0.66 0.00	31.07 0.56 0.00	29.42 0.59 0.00	32.06 0.65 0.00	36.88 0.75 0.00	33.97 0.66 0.00	26.91 0.49 0.00	23.76 0.38 0.00	31.68 0.50 0.00	34.11 0.60 0.00	37.97 0.67 0.00	36.97 0.61 0.00	38.52 0.58 0.00	38.78 0.60 0.00	40.07 0.63 0.00	54.18 0.97 0.00	63.80 1.24 0.00	37.96 0.58 0.00	37.83 0.56 0.00	36.60 0.69 0.00	34.33 0.75 0.00
V_E_10_SYNC_DSASP 323830	39.37 1.34 0.00	39.78 1.72 0.00	36.58 1.67 0.00	36.80 1.61 0.00	31.99 1.49 0.00	30.27 1.44 0.00	32.82 1.42 0.00	37.67 1.53 0.00	34.55 1.23 0.00	27.04 0.62 0.00	23.60 0.21 0.00	31.45 0.27 0.00	33.89 0.38 0.00	37.76 0.47 0.00	36.99 0.63 0.00	39.31 1.37 0.00	39.81 1.63 0.00	41.40 1.96 0.00	57.16 3.96 0.00	66.33 3.77 0.00	39.39 2.01 0.00	38.81 1.53 0.00	37.33 1.42 0.00	34.64 1.05 0.00

V_F_30_NSYNC___DSASP 323816	39.29 1.27 0.00	39.28 1.23 0.00	35.90 0.98 0.00	36.20 1.00 0.00	31.42 0.92 0.00	29.70 0.86 0.00	32.41 1.00 0.00	37.24 1.10 0.00	34.20 0.89 0.00	27.09 0.66 0.00	24.08 0.70 0.00	32.18 1.00 0.00	34.51 1.00 0.00	38.32 1.02 0.00	37.43 1.07 0.00	39.24 1.30 0.00	39.70 1.52 0.00	41.02 1.58 0.00	55.11 1.91 0.00	64.84 2.28 0.00	38.90 1.52 0.00	38.74 1.46 0.00	37.14 1.23 0.00	34.54 0.96 0.00
V_F_30_SYNC_DSASP 323786	38.35 0.32 0.00	38.35 0.29 0.00	35.11 0.19 0.00	35.41 0.21 0.00	30.81 0.30 0.00	29.05 0.22 0.00	31.66 0.25 0.00	36.40 0.27 0.00	33.50 0.19 0.00	26.64 0.22 0.00	23.69 0.30 0.00	31.66 0.48 0.00	33.91 0.40 0.00	37.69 0.39 0.00	36.80 0.44 0.00	38.51 0.57 0.00	38.79 0.60 0.00	39.97 0.53 0.00	53.66 0.46 0.00	63.17 0.61 0.00	37.90 0.52 0.00	37.78 0.50 0.00	36.21 0.30 0.00	33.78 0.19 0.00
V_XM_10_SYNC_DSASP 323789	39.33 1.30 0.00	39.19 1.13 0.00	35.84 0.93 0.00	36.18 0.99 0.00	31.63 1.12 0.00	29.96 1.13 0.00	32.71 1.31 0.00	37.42 1.29 0.00	34.34 1.03 0.00	27.34 0.91 0.00	24.33 0.95 0.00	32.34 1.16 0.00	34.70 1.19 0.00	38.62 1.33 0.00	37.41 1.04 0.00	38.96 1.02 0.00	39.75 1.57 0.00	41.44 2.00 0.00	55.82 2.62 0.00	64.61 2.04 0.00	38.46 1.09 0.00	37.96 0.69 0.00	36.68 0.77 0.00	34.38 0.79 0.00
W.BABYLN_69_KV_BK1 56697	39.67 1.64 0.00	39.14 1.09 0.00	35.85 0.94 0.00	36.06 0.87 0.00	31.22 0.71 0.00	29.64 0.81 0.00	32.09 0.68 0.00	36.79 0.65 0.00	34.10 0.79 0.01	27.33 0.91 0.00	24.93 1.44 -0.10	33.43 2.12 -0.13	36.23 2.28 -0.44	39.71 2.42 0.00	38.38 2.02 0.00	39.59 1.65 0.00	39.68 1.50 0.00	40.92 1.48 0.00	54.65 1.48 0.03	49.88 1.99 14.68	38.75 1.37 0.00	38.65 1.38 0.00	36.99 1.08 0.00	34.47 0.89 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	39.46 1.43 0.00	39.37 1.31 0.00	35.93 1.01 0.00	36.23 1.04 0.00	31.40 0.89 0.00	29.70 0.87 0.00	32.32 0.92 0.00	37.16 1.02 0.00	34.46 1.15 0.00	27.49 1.07 0.00	24.51 1.12 0.00	32.81 1.63 0.00	35.24 1.73 0.00	39.13 1.83 0.00	38.11 1.75 0.00	39.68 1.74 0.00	39.83 1.65 0.00	41.13 1.69 0.00	55.35 2.15 0.00	65.28 2.71 0.00	39.08 1.70 0.00	39.03 1.76 0.00	37.38 1.47 0.00	34.82 1.23 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	39.56 1.53 0.00	39.45 1.39 0.00	36.03 1.12 0.00	36.35 1.16 0.00	31.52 1.02 0.00	29.83 1.00 0.00	32.47 1.06 0.00	37.28 1.14 0.00	34.58 1.27 0.00	27.63 1.21 0.00	24.65 1.26 0.00	32.98 1.80 0.00	35.42 1.91 0.00	39.27 1.97 0.00	38.18 1.82 0.00	39.72 1.78 0.00	39.81 1.63 0.00	41.11 1.67 0.00	55.21 2.00 0.00	65.07 2.51 0.00	38.98 1.60 0.00	38.97 1.70 0.00	37.36 1.46 0.00	34.81 1.23 0.00
W50THST__13_KV_LOAD 356117	39.75 1.73 0.00	39.64 1.59 0.00	36.20 1.29 0.00	36.55 1.36 0.00	31.70 1.19 0.00	30.01 1.18 0.00	32.66 1.25 0.00	37.49 1.36 0.00	34.78 1.47 0.00	27.80 1.38 0.00	24.81 1.42 0.00	33.19 2.01 0.00	35.63 2.12 0.00	39.49 2.20 0.00	38.39 2.03 0.00	39.93 1.99 0.00	40.01 1.83 0.00	41.30 1.86 0.00	55.47 2.27 0.00	65.37 2.81 0.00	39.16 1.78 0.00	39.15 1.88 0.00	37.55 1.64 0.00	35.01 1.42 0.00
WADING RIVER_IC_1 23522	39.01 0.99 0.00	38.45 0.39 0.00	35.14 0.22 0.00	35.33 0.14 0.00	30.59 0.09 0.00	29.08 0.25 0.00	31.49 0.09 0.00	36.09 -0.05 0.00	33.29 -0.02 0.01	26.63 0.20 0.00	24.44 1.02 -0.03	32.55 1.40 0.03	35.16 1.50 -0.15	38.81 1.51 0.00	37.49 1.13 0.00	38.61 0.67 0.00	38.69 0.51 0.00	39.90 0.46 0.00	53.17 0.00 0.03	45.28 0.25 17.54	37.74 0.36 0.00	37.66 0.38 0.00	35.99 0.07 0.00	33.50 -0.09 0.00
WADING RIVER_IC_2 23547	39.01 0.99 0.00	38.45 0.39 0.00	35.14 0.22 0.00	35.33 0.14 0.00	30.59 0.09 0.00	29.08 0.25 0.00	31.49 0.09 0.00	36.09 -0.05 0.00	33.29 -0.02 0.01	26.63 0.20 0.00	24.44 1.02 -0.03	32.55 1.40 0.03	35.16 1.50 -0.15	38.81 1.51 0.00	37.49 1.13 0.00	38.61 0.67 0.00	38.69 0.51 0.00	39.90 0.46 0.00	53.17 0.00 0.03	45.28 0.25 17.54	37.74 0.36 0.00	37.66 0.38 0.00	35.99 0.07 0.00	33.50 -0.09 0.00
WADING RIVER_IC_3 23601	39.01 0.99 0.00	38.45 0.39 0.00	35.14 0.22 0.00	35.33 0.14 0.00	30.59 0.09 0.00	29.08 0.25 0.00	31.49 0.09 0.00	36.09 -0.05 0.00	33.29 -0.02 0.01	26.63 0.20 0.00	24.44 1.02 -0.03	32.55 1.40 0.03	35.16 1.50 -0.15	38.81 1.51 0.00	37.49 1.13 0.00	38.61 0.67 0.00	38.69 0.51 0.00	39.90 0.46 0.00	53.17 0.00 0.03	45.28 0.25 17.54	37.74 0.36 0.00	37.66 0.38 0.00	35.99 0.07 0.00	33.50 -0.09 0.00
WALDENNY_12_KV_BK2 80841	37.58 -0.44 0.00	37.80 -0.25 0.00	34.64 -0.27 0.00	34.82 -0.37 0.00	30.02 -0.49 0.00	28.81 -0.02 0.00	31.20 -0.21 0.00	36.04 -0.09 0.00	33.36 0.05 0.00	26.52 0.09 0.00	23.26 -0.13 0.00	30.45 -0.72 0.00	32.81 -0.70 0.00	36.57 -0.72 0.00	35.69 -0.67 0.00	36.71 -1.23 0.00	36.17 -2.01 0.00	37.05 -2.39 0.00	50.50 -2.70 0.00	58.86 -3.70 0.00	34.92 -2.46 0.00	35.25 -2.03 0.00	34.81 -1.10 0.00	33.28 -0.30 0.00
WALDEN___HYDRO 24148	39.43 1.41 0.00	39.35 1.29 0.00	35.94 1.02 0.00	36.22 1.03 0.00	31.39 0.88 0.00	29.68 0.85 0.00	32.30 0.90 0.00	37.16 1.02 0.00	34.45 1.14 0.00	27.48 1.06 0.00	24.48 1.09 0.00	32.74 1.56 0.00	35.14 1.64 0.00	39.03 1.74 0.00	38.04 1.67 0.00	39.65 1.71 0.00	39.83 1.65 0.00	41.12 1.68 0.00	55.34 2.14 0.00	65.31 2.74 0.00	39.08 1.71 0.00	39.03 1.75 0.00	37.38 1.47 0.00	34.81 1.22 0.00
WARRENSBURG____ 23737	39.12 1.09 0.00	39.03 0.97 0.00	35.63 0.71 0.00	35.91 0.72 0.00	31.24 0.73 0.00	29.55 0.71 0.00	32.26 0.86 0.00	37.07 0.94 0.00	34.05 0.74 0.00	26.91 0.48 0.00	23.95 0.56 0.00	32.02 0.85 0.00	34.35 0.84 0.00	38.11 0.82 0.00	37.21 0.85 0.00	39.07 1.12 0.00	39.63 1.45 0.00	41.00 1.56 0.00	55.05 1.85 0.00	64.79 2.23 0.00	38.92 1.54 0.00	38.69 1.42 0.00	37.06 1.15 0.00	34.33 0.74 0.00
WATERSIDE___6 8 9 23538	39.51 1.48 0.00	39.43 1.38 0.00	35.99 1.07 0.00	36.22 1.02 0.00	31.43 0.93 0.00	29.78 0.95 0.00	32.41 1.00 0.00	37.17 1.03 0.00	34.51 1.20 0.00	27.60 1.18 0.00	24.64 1.25 0.00	32.94 1.76 0.00	35.35 1.84 0.00	39.13 1.83 0.00	38.07 1.70 0.00	39.60 1.66 0.00	39.64 1.46 0.00	40.92 1.48 0.00	54.94 1.74 0.00	64.78 2.22 0.00	38.85 1.47 0.00	38.82 1.55 0.00	37.27 1.36 0.00	34.76 1.18 0.00
WATKINRD_115KV_LN8_ILLION 55919	38.79 0.76 0.00	38.85 0.79 0.00	35.59 0.67 0.00	35.86 0.67 0.00	31.13 0.62 0.00	29.38 0.55 0.00	32.03 0.63 0.00	36.83 0.69 0.00	33.67 0.36 0.00	26.57 0.15 0.00	23.52 0.13 0.00	31.53 0.35 0.00	33.82 0.31 0.00	37.64 0.35 0.00	36.76 0.40 0.00	38.45 0.51 0.00	38.99 0.81 0.00	40.47 1.03 0.00	54.53 1.33 0.00	64.11 1.55 0.00	38.33 0.95 0.00	38.13 0.85 0.00	36.54 0.63 0.00	34.08 0.49 0.00

WDELAWARE___HYD 323627	38.91 0.89 0.00	38.86 0.81 0.00	35.51 0.60 0.00	35.76 0.57 0.00	31.00 0.49 0.00	29.28 0.46 0.00	31.90 0.49 0.00	36.71 0.58 0.00	34.03 0.72 0.00	27.13 0.71 0.00	24.12 0.73 0.00	32.23 1.05 0.00	34.42 0.91 0.00	37.34 0.05 0.00	36.42 0.06 0.00	38.04 0.10 0.00	38.33 0.15 0.00	39.62 0.18 0.00	53.50 0.29 0.00	64.61 2.05 0.00	38.65 1.27 0.00	38.56 1.28 0.00	36.92 1.01 0.00	34.36 0.77 0.00
WEST BABYLON___IC 23714	39.67 1.64 0.00	39.14 1.09 0.00	35.85 0.94 0.00	36.06 0.87 0.00	31.22 0.71 0.00	29.64 0.81 0.00	32.09 0.68 0.00	36.79 0.65 0.00	34.10 0.79 0.01	27.33 0.91 0.00	24.93 1.44 -0.10	33.43 2.12 -0.13	36.23 2.28 -0.44	39.71 2.42 0.00	38.38 2.02 0.00	39.59 1.65 0.00	39.68 1.50 0.00	40.92 1.48 0.00	54.65 1.48 0.03	49.88 1.99 14.68	38.75 1.37 0.00	38.65 1.38 0.00	36.99 1.08 0.00	34.47 0.89 0.00
WEST CANADA___HYD 24049	38.06 0.04 0.00	38.10 0.04 0.00	34.95 0.04 0.00	35.23 0.04 0.00	30.54 0.03 0.00	28.84 0.01 0.00	31.41 0.01 0.00	36.14 0.01 0.00	33.31 0.00 0.00	26.41 -0.01 0.00	23.39 0.01 0.00	31.21 0.03 0.00	33.54 0.02 0.00	37.30 0.01 0.00	36.40 0.04 0.00	38.00 0.06 0.00	38.26 0.08 0.00	39.53 0.09 0.00	53.30 0.10 0.00	62.69 0.13 0.00	37.49 0.11 0.00	37.38 0.11 0.00	35.95 0.04 0.00	33.58 0.00 0.00
WESTERN_NY_WIND 24143	38.21 0.18 0.00	38.38 0.32 0.00	35.20 0.28 0.00	35.39 0.20 0.00	30.50 -0.01 0.00	29.26 0.43 0.00	31.73 0.32 0.00	36.64 0.51 0.00	33.86 0.55 0.00	26.81 0.39 0.00	23.39 0.00 0.00	30.45 -0.74 0.00	32.73 -0.78 0.00	36.51 -0.78 0.00	35.76 -0.60 0.00	36.90 -1.04 0.00	36.58 -1.60 0.00	37.76 -1.68 0.00	51.73 -1.48 0.00	60.43 -2.13 0.00	35.85 -1.53 0.00	36.06 -1.21 0.00	35.47 -0.44 0.00	33.81 0.22 0.00
WESTOVER___LESR 323668	38.12 0.09 0.00	38.20 0.14 0.00	34.96 0.05 0.00	35.19 0.00 0.00	30.47 -0.04 0.00	28.83 0.00 0.00	31.42 0.02 0.00	36.20 0.06 0.00	33.42 0.10 0.00	26.45 0.03 0.00	23.35 -0.04 0.00	31.11 -0.07 0.00	33.38 -0.12 0.00	37.17 -0.12 0.00	36.25 -0.11 0.00	37.83 -0.11 0.00	38.07 -0.11 0.00	39.30 -0.14 0.00	53.22 0.02 0.00	62.56 -0.01 0.00	37.37 -0.02 0.00	37.35 0.07 0.00	35.96 0.05 0.00	33.62 0.04 0.00
WETHRSFD_WT_PWR 323626	37.09 -0.94 0.00	37.39 -0.66 0.00	34.31 -0.61 0.00	34.41 -0.78 0.00	29.74 -0.77 0.00	28.49 -0.34 0.00	30.94 -0.46 0.00	35.71 -0.43 0.00	33.02 -0.29 0.00	26.04 -0.39 0.00	22.75 -0.64 0.00	29.95 -1.23 0.00	32.33 -1.18 0.00	36.06 -1.23 0.00	35.20 -1.16 0.00	36.24 -1.70 0.00	35.91 -2.27 0.00	36.85 -2.59 0.00	50.40 -2.80 0.00	59.05 -3.52 0.00	35.12 -2.26 0.00	35.47 -1.80 0.00	34.69 -1.23 0.00	32.76 -0.82 0.00
WHAVSTOR_138KV_BK127 55557	39.24 1.21 0.00	39.15 1.10 0.00	35.74 0.82 0.00	36.04 0.85 0.00	31.24 0.73 0.00	29.54 0.71 0.00	32.15 0.74 0.00	36.95 0.82 0.00	34.27 0.95 0.00	27.33 0.91 0.00	24.38 0.99 0.00	32.63 1.45 0.00	35.04 1.53 0.00	38.90 1.60 0.00	37.87 1.51 0.00	39.45 1.50 0.00	39.59 1.41 0.00	40.86 1.42 0.00	54.98 1.77 0.00	64.86 2.30 0.00	38.83 1.45 0.00	38.79 1.51 0.00	37.16 1.25 0.00	34.62 1.03 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	39.24 1.21 0.00	39.15 1.10 0.00	35.74 0.82 0.00	36.04 0.85 0.00	31.24 0.73 0.00	29.54 0.71 0.00	32.15 0.74 0.00	36.95 0.82 0.00	34.27 0.95 0.00	27.33 0.91 0.00	24.38 0.99 0.00	32.63 1.45 0.00	35.04 1.53 0.00	38.90 1.60 0.00	37.87 1.51 0.00	39.45 1.50 0.00	39.59 1.41 0.00	40.86 1.42 0.00	54.98 1.77 0.00	64.86 2.30 0.00	38.83 1.45 0.00	38.79 1.51 0.00	37.16 1.25 0.00	34.62 1.03 0.00
WHITEHAL_115KV_TB1 80871	40.27 2.25 0.00	40.01 1.96 0.00	36.32 1.40 0.00	36.49 1.29 0.00	32.08 1.57 0.00	30.42 1.59 0.00	33.26 1.85 0.00	38.05 1.91 0.00	34.88 1.57 0.00	27.50 1.08 0.00	24.59 1.20 0.00	32.90 1.72 0.00	35.28 1.77 0.00	39.10 1.80 0.00	38.13 1.77 0.00	40.11 2.17 0.00	40.86 2.68 0.00	42.11 2.67 0.00	56.20 3.00 0.00	66.22 3.66 0.00	40.20 2.82 0.00	39.91 2.63 0.00	38.26 2.35 0.00	34.99 1.40 0.00
WHITEPLN_13_KV_LOAD 356215	39.70 1.67 0.00	39.58 1.53 0.00	36.13 1.22 0.00	36.44 1.24 0.00	31.58 1.07 0.00	29.88 1.05 0.00	32.52 1.12 0.00	37.36 1.23 0.00	34.65 1.34 0.00	27.67 1.25 0.00	24.70 1.31 0.00	33.05 1.87 0.00	35.51 2.00 0.00	39.43 2.14 0.00	38.38 2.01 0.00	39.94 2.00 0.00	40.08 1.90 0.00	41.37 1.93 0.00	55.60 2.40 0.00	65.54 2.98 0.00	39.25 1.87 0.00	39.20 1.92 0.00	37.56 1.65 0.00	34.96 1.38 0.00
WM_FLOYD_69_KV_BK2 356380	39.36 1.33 0.00	38.79 0.73 0.00	35.47 0.56 0.00	35.67 0.48 0.00	30.88 0.37 0.00	29.35 0.52 0.00	31.79 0.39 0.00	36.43 0.30 0.00	33.66 0.35 0.01	26.92 0.50 0.00	24.66 1.24 -0.04	32.90 1.75 0.03	35.55 1.88 -0.15	39.24 1.94 0.00	37.90 1.54 0.00	39.04 1.10 0.00	39.13 0.94 0.00	40.35 0.91 0.00	53.78 0.60 0.03	46.05 0.96 17.48	38.16 0.78 0.00	38.07 0.79 0.00	36.39 0.48 0.00	33.88 0.29 0.00
WOODARD__115KV_TB2 355635	37.47 -0.55 0.00	37.50 -0.56 0.00	34.38 -0.54 0.00	34.64 -0.56 0.00	30.02 -0.49 0.00	28.39 -0.44 0.00	30.93 -0.47 0.00	35.62 -0.51 0.00	32.85 -0.47 0.00	26.01 -0.42 0.00	22.95 -0.45 0.00	30.53 -0.65 0.00	32.80 -0.70 0.00	36.54 -0.76 0.00	35.67 -0.70 0.00	37.25 -0.69 0.00	37.47 -0.71 0.00	38.75 -0.69 0.00	52.37 -0.83 0.00	61.53 -1.03 0.00	36.74 -0.64 0.00	36.66 -0.62 0.00	35.37 -0.54 0.00	33.09 -0.49 0.00
WOODMERE_69_KV_BK1 55827	39.64 1.61 0.00	39.19 1.14 0.00	35.87 0.96 0.00	36.13 0.94 0.00	31.31 0.80 0.00	29.71 0.87 0.00	32.20 0.80 0.00	36.90 0.77 0.00	34.20 0.89 0.01	27.41 0.99 0.00	25.38 1.40 -0.59	34.76 2.11 -1.46	38.31 2.23 -2.57	39.55 2.25 0.00	38.29 1.93 0.00	39.64 1.70 0.00	39.77 1.59 0.00	41.02 1.58 0.00	55.01 1.81 0.01	63.75 2.35 1.17	38.91 1.53 0.00	38.86 1.58 0.00	37.18 1.27 0.00	34.69 1.11 0.00
YORK___WARBASSE 23770	39.48 1.45 0.00	39.41 1.36 0.00	35.97 1.05 0.00	36.22 1.03 0.00	31.42 0.91 0.00	29.77 0.94 0.00	32.39 0.99 0.00	37.16 1.02 0.00	34.56 1.25 0.00	27.62 1.19 0.00	24.64 1.25 0.00	32.89 1.71 0.00	35.25 1.74 0.00	38.99 1.70 0.00	37.97 1.61 0.00	39.53 1.59 0.00	39.52 1.34 0.00	40.82 1.38 0.00	54.85 1.65 0.00	64.70 2.14 0.00	38.79 1.41 0.00	38.75 1.48 0.00	37.22 1.31 0.00	34.71 1.13 0.00