

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

### --- Marginal Cost of Congestion

## Generator Data

08/25/2024

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	35.35	27.25	25.87	24.95	24.34	23.11	24.94	23.13	23.73	20.14	20.52	27.82	36.28	40.19	42.53	40.90	45.56	46.88	46.28	45.38	59.02	65.15	39.61	33.34
24138	1.52	1.06	0.92	0.83	0.81	0.77	0.74	0.83	0.95	0.98	1.02	1.61	2.28	2.90	2.92	2.89	3.23	3.56	3.19	2.78	3.65	3.60	2.18	1.85
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	35.39	27.30	25.95	25.02	24.39	23.15	25.01	23.19	23.77	20.18	20.56	27.89	36.38	40.26	42.61	41.00	45.66	46.97	46.41	45.54	59.23	65.38	39.75	33.43
24260	1.56	1.11	1.00	0.91	0.86	0.81	0.81	0.88	1.00	1.02	1.05	1.68	2.38	2.98	3.01	2.99	3.33	3.66	3.32	2.93	3.85	3.84	2.32	1.95
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	35.39	27.30	25.95	25.02	24.39	23.15	25.01	23.19	23.77	20.18	20.56	27.89	36.38	40.26	42.61	41.00	45.66	46.97	46.41	45.54	59.23	65.38	39.75	33.43
24261	1.56	1.11	1.00	0.91	0.86	0.81	0.81	0.88	1.00	1.02	1.05	1.68	2.38	2.98	3.01	2.99	3.33	3.66	3.32	2.93	3.85	3.84	2.32	1.95
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	35.97	27.72	26.43	25.60	24.87	23.63	25.57	23.45	23.94	20.00	20.21	27.20	35.39	39.10	41.98	40.33	45.04	46.58	46.68	46.08	59.85	65.88	40.15	33.80
24011	2.14	1.53	1.48	1.48	1.33	1.29	1.37	1.15	1.16	0.84	0.70	0.99	1.38	1.81	2.37	2.33	2.71	3.27	3.59	3.47	4.48	4.33	2.72	2.31
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	36.23	27.89	26.56	25.73	25.00	23.78	25.74	23.61	24.08	20.10	20.26	27.29	35.49	39.22	42.23	40.55	45.31	46.91	47.12	46.52	60.45	66.44	40.49	34.13
23798	2.40	1.70	1.61	1.62	1.47	1.43	1.54	1.30	1.30	0.93	0.76	1.08	1.49	1.94	2.62	2.54	2.99	3.59	4.03	3.91	5.08	4.89	3.06	2.64
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	35.97	27.72	26.43	25.60	24.87	23.63	25.57	23.45	23.94	20.00	20.21	27.20	35.39	39.10	41.98	40.33	45.04	46.58	46.68	46.08	59.85	65.88	40.15	33.80
24028	2.14	1.53	1.48	1.48	1.33	1.29	1.37	1.15	1.16	0.84	0.70	0.99	1.38	1.81	2.37	2.33	2.71	3.27	3.59	3.47	4.48	4.33	2.72	2.31
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	34.97	27.09	26.00	25.22	24.62	23.39	25.22	23.08	23.54	19.72	19.98	26.89	34.87	38.43	40.99	39.22	43.28	44.56	44.44	43.98	57.12	63.33	38.50	32.61
23527	1.14	0.91	1.05	1.10	1.08	1.05	1.03	0.77	0.77	0.56	0.48	0.68	0.87	1.14	1.38	1.21	0.95	1.24	1.35	1.38	1.74	1.78	1.07	1.13
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	33.67	26.02	24.93	24.32	23.72	22.55	24.36	22.48	22.93	19.16	19.46	26.07	33.89	37.39	39.82	38.21	42.46	43.65	43.41	42.82	55.68	61.58	37.40	31.52
24190	-0.16	-0.17	-0.02	0.20	0.19	0.21	0.16	0.18	0.15	0.00	-0.04	-0.14	-0.11	0.11	0.21	0.20	0.13	0.33	0.32	0.22	0.30	0.03	-0.03	0.03
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	34.23	26.54	25.28	24.39	23.79	22.57	24.49	22.56	23.05	19.40	19.79	26.56	34.31	37.36	39.68	38.00	42.21	42.75	42.56	42.39	55.10	61.43	37.37	31.45
355683	0.40	0.35	0.32	0.27	0.26	0.22	0.29	0.27	0.27	0.24	0.29	0.35	0.31	0.08	0.07	-0.01	-0.12	-0.56	-0.54	-0.22	-0.27	-0.11	-0.06	-0.04
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	34.47	26.65	25.51	24.82	24.22	23.02	24.88	22.94	23.34	19.49	19.73	26.44	34.33	37.86	40.33	38.79	43.20	44.46	44.37	43.83	56.98	63.07	38.32	32.23
323833	0.64	0.46	0.56	0.70	0.69	0.67	0.68	0.63	0.56	0.32	0.23	0.23	0.32	0.58	0.72	0.78	0.87	1.14	1.28	1.22	1.60	1.53	0.89	0.75
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	34.47	26.65	25.51	24.82	24.21	23.01	24.87	22.93	23.33	19.48	19.73	26.43	34.32	37.85	40.32	38.78	43.19	44.45	44.34	43.81	56.97	63.05	38.31	32.22
323834	0.64	0.46	0.56	0.70	0.68	0.67	0.68	0.63	0.55	0.32	0.23	0.22	0.32	0.57	0.71	0.77	0.86	1.13	1.24	1.20	1.59	1.51	0.88	0.74
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	33.67	26.02	24.93	24.32	23.72	22.55	24.36	22.48	22.93	19.16	19.46	26.07	33.89	37.39	39.82	38.21	42.46	43.65	43.41	42.82	55.68	61.58	37.40	31.52
23571	-0.16	-0.17	-0.02	0.20	0.19	0.21	0.16	0.18	0.15	0.00	-0.04	-0.14	-0.11	0.11	0.21	0.20	0.13	0.33	0.32	0.22	0.30	0.03	-0.03	0.03
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	33.67 -0.16 0.00	26.02 -0.17 0.00	24.93 -0.02 0.00	24.32 0.20 0.00	23.72 0.19 0.00	22.55 0.21 0.00	24.36 0.16 0.00	22.48 0.18 0.00	22.93 0.15 0.00	19.16 0.00 0.00	19.46 -0.04 0.00	26.07 -0.14 0.00	33.89 -0.11 0.00	37.39 0.11 0.00	39.82 0.21 0.00	38.21 0.20 0.00	42.46 0.13 0.00	43.65 0.33 0.00	43.41 0.32 0.00	42.82 0.22 0.00	55.68 0.30 0.00	61.58 0.03 0.00	37.40 -0.03 0.00	31.52 0.03 0.00
ALBANY___3 23573	33.67 -0.16 0.00	26.02 -0.17 0.00	24.93 -0.02 0.00	24.32 0.20 0.00	23.72 0.19 0.00	22.55 0.21 0.00	24.36 0.16 0.00	22.48 0.18 0.00	22.93 0.15 0.00	19.16 0.00 0.00	19.46 -0.04 0.00	26.07 -0.14 0.00	33.89 -0.11 0.00	37.39 0.11 0.00	39.82 0.21 0.00	38.21 0.20 0.00	42.46 0.13 0.00	43.65 0.33 0.00	43.41 0.32 0.00	42.82 0.22 0.00	55.68 0.30 0.00	61.58 0.03 0.00	37.40 -0.03 0.00	31.52 0.03 0.00
ALBANY___4 23574	33.67 -0.16 0.00	26.02 -0.17 0.00	24.93 -0.02 0.00	24.32 0.20 0.00	23.72 0.19 0.00	22.55 0.21 0.00	24.36 0.16 0.00	22.48 0.18 0.00	22.93 0.15 0.00	19.16 0.00 0.00	19.46 -0.04 0.00	26.07 -0.14 0.00	33.89 -0.11 0.00	37.39 0.11 0.00	39.82 0.21 0.00	38.21 0.20 0.00	42.46 0.13 0.00	43.65 0.33 0.00	43.41 0.32 0.00	42.82 0.22 0.00	55.68 0.30 0.00	61.58 0.03 0.00	37.40 -0.03 0.00	31.52 0.03 0.00
ALBANY___LFGE 323615	34.04 0.20 0.00	26.31 0.12 0.00	25.19 0.23 0.00	24.53 0.41 0.00	23.93 0.40 0.00	22.74 0.40 0.00	24.57 0.37 0.00	22.66 0.36 0.00	23.11 0.34 0.00	19.33 0.17 0.00	19.64 0.13 0.00	26.34 0.13 0.00	34.27 0.27 0.00	37.80 0.52 0.00	40.28 0.68 0.00	38.67 0.67 0.00	42.99 0.66 0.00	44.23 0.91 0.00	43.99 0.90 0.00	43.38 0.78 0.00	56.39 1.02 0.00	62.35 0.81 0.00	37.86 0.43 0.00	31.88 0.40 0.00
ALCOA_PA_115KV_PL-6C 55860	34.38 0.55 0.00	26.66 0.47 0.00	25.40 0.45 0.00	24.49 0.38 0.00	23.89 0.35 0.00	22.66 0.32 0.00	24.58 0.38 0.00	22.65 0.35 0.00	23.12 0.35 0.00	19.46 0.29 0.00	19.84 0.34 0.00	26.62 0.41 0.00	34.37 0.37 0.00	37.44 0.16 0.00	39.77 0.16 0.00	38.06 0.05 0.00	42.28 -0.05 0.00	42.51 -0.80 0.00	42.39 -0.70 0.00	42.56 -0.05 0.00	55.35 -0.03 0.00	61.69 0.14 0.00	37.52 0.08 0.00	31.57 0.08 0.00
ALCOA_RYNLDS___DRP 24188	34.38 0.55 0.00	26.66 0.47 0.00	25.40 0.45 0.00	24.49 0.38 0.00	23.89 0.35 0.00	22.66 0.32 0.00	24.58 0.38 0.00	22.65 0.35 0.00	23.12 0.35 0.00	19.46 0.29 0.00	19.84 0.34 0.00	26.62 0.41 0.00	34.37 0.37 0.00	37.44 0.16 0.00	39.77 0.16 0.00	38.06 0.05 0.00	42.28 -0.05 0.00	42.51 -0.80 0.00	42.39 -0.70 0.00	42.56 -0.05 0.00	55.35 -0.03 0.00	61.69 0.14 0.00	37.52 0.08 0.00	31.57 0.08 0.00
ALCOA___DSASP 323711	34.38 0.55 0.00	26.66 0.47 0.00	25.40 0.45 0.00	24.49 0.38 0.00	23.89 0.35 0.00	22.66 0.31 0.00	24.58 0.38 0.00	22.65 0.35 0.00	23.12 0.35 0.00	19.46 0.29 0.00	19.84 0.34 0.00	26.62 0.41 0.00	34.37 0.37 0.00	37.44 0.16 0.00	39.77 0.16 0.00	38.06 0.05 0.00	42.28 -0.05 0.00	42.51 -0.80 0.00	42.39 -0.70 0.00	42.56 -0.05 0.00	55.35 -0.03 0.00	61.69 0.14 0.00	37.52 0.08 0.00	31.57 0.08 0.00
ALLEGHENY___COGEN 23514	34.05 0.22 0.00	26.43 0.24 0.00	25.08 0.12 0.00	24.00 -0.11 0.00	23.48 -0.05 0.00	22.23 -0.11 0.00	24.27 0.08 0.00	22.25 -0.05 0.00	22.57 -0.21 0.00	18.83 -0.33 0.00	19.38 -0.13 0.00	26.17 -0.04 0.00	34.10 0.10 0.00	37.52 0.24 0.00	39.72 0.11 0.00	38.24 0.23 0.00	42.99 0.66 0.00	44.44 1.13 0.00	45.02 1.92 0.00	44.83 2.23 0.00	58.76 3.39 0.00	65.28 3.73 0.00	39.78 2.35 0.00	33.13 1.65 0.00
ALTAMONT_115KV_TB 2 55880	34.13 0.30 0.00	26.38 0.19 0.00	25.20 0.25 0.00	24.45 0.34 0.00	23.86 0.33 0.00	22.66 0.32 0.00	24.50 0.30 0.00	22.58 0.28 0.00	23.06 0.28 0.00	19.35 0.19 0.00	19.65 0.15 0.00	26.41 0.20 0.00	34.33 0.33 0.00	37.85 0.57 0.00	40.27 0.66 0.00	38.65 0.64 0.00	42.99 0.66 0.00	44.20 0.88 0.00	43.97 0.88 0.00	43.39 0.79 0.00	56.43 1.05 0.00	62.44 0.89 0.00	37.94 0.51 0.00	31.96 0.48 0.00
ALTONA_WT_PWR 323606	34.82 0.99 0.00	27.00 0.81 0.00	25.76 0.81 0.00	24.89 0.77 0.00	24.29 0.76 0.00	23.08 0.73 0.00	25.06 0.86 0.00	23.14 0.85 0.00	23.53 0.75 0.00	19.80 0.64 0.00	20.24 0.74 0.00	27.25 1.04 0.00	35.19 1.18 0.00	38.61 1.33 0.00	41.10 1.49 0.00	39.13 1.12 0.00	43.55 1.22 0.00	44.53 1.21 0.00	44.35 1.25 0.00	44.06 1.46 0.00	57.39 2.01 0.00	63.70 2.16 0.00	38.90 1.48 0.00	32.61 1.13 0.00
AMERICAN_REF_FUEL 24010	31.50 -2.33 0.00	24.60 -1.59 0.00	23.37 -1.58 0.00	22.27 -1.84 0.00	21.81 -1.72 0.00	20.62 -1.73 0.00	22.61 -1.59 0.00	20.67 -1.63 0.00	21.23 -1.54 0.00	17.96 -1.20 0.00	18.62 -0.88 0.00	25.07 -1.14 0.00	32.47 -1.54 0.00	35.65 -1.63 0.00	37.63 -1.98 0.00	36.22 -1.78 0.00	40.62 -1.72 0.00	41.85 -1.46 0.00	42.23 -0.86 0.00	41.48 -1.13 0.00	53.92 -1.45 0.00	60.39 -1.15 0.00	37.20 -0.23 0.00	31.12 -0.37 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	32.92 -0.91 0.00	25.64 -0.55 0.00	24.34 -0.61 0.00	23.24 -0.87 0.00	22.74 -0.79 0.00	21.50 -0.84 0.00	23.53 -0.67 0.00	21.57 -0.73 0.00	22.11 -0.66 0.00	18.71 -0.45 0.00	19.37 -0.13 0.00	26.30 0.09 0.00	34.29 0.28 0.00	37.67 0.39 0.00	39.73 0.12 0.00	38.20 0.19 0.00	43.06 0.73 0.00	44.42 1.11 0.00	44.75 1.66 0.00	44.03 1.42 0.00	57.03 1.66 0.00	63.44 1.90 0.00	38.88 1.45 0.00	32.43 0.95 0.00
ARTHUR KILL_GT_1 23520	35.42 1.59 0.00	27.34 1.16 0.00	25.99 1.03 0.00	25.04 0.92 0.00	24.36 0.82 0.00	23.12 0.77 0.00	24.97 0.77 0.00	23.14 0.83 -0.01	23.71 0.93 0.00	20.07 0.91 0.00	20.44 0.93 0.00	27.81 1.60 0.00	36.28 2.27 0.00	40.14 2.85 -0.01	42.51 2.90 0.00	41.03 3.02 0.00	45.59 3.26 0.00	46.87 3.55 0.00	46.28 3.19 0.00	45.39 2.78 0.00	59.00 3.63 0.00	65.15 3.61 0.00	39.66 2.23 0.00	200.31 1.89 -166.93
ARTHUR_KILL_2 23512	35.31 1.48 0.00	27.27 1.08 0.00	25.92 0.97 0.00	24.97 0.86 0.00	24.29 0.76 0.00	23.06 0.71 0.00	24.91 0.71 0.00	23.08 0.77 -0.01	23.65 0.87 0.00	20.02 0.86 0.00	20.38 0.87 0.00	27.73 1.52 0.00	36.18 2.17 0.00	40.01 2.72 -0.01	42.36 2.75 0.00	40.88 2.87 0.00	45.42 3.09 0.00	46.69 3.38 0.00	46.11 3.01 0.00	45.22 2.61 0.00	58.77 3.40 0.00	64.90 3.36 0.00	39.52 2.09 0.00	200.19 1.78 -166.93
ARTHUR_KILL_3 23513	34.97 1.14 0.00	26.96 0.77 0.00	25.62 0.67 0.00	24.70 0.59 0.00	24.09 0.55 0.00	22.86 0.52 0.00	24.69 0.50 0.00	22.89 0.60 0.00	23.47 0.69 0.00	19.91 0.75 0.00	20.27 0.77 0.00	27.52 1.30 0.00	35.91 1.90 0.00	39.77 2.48 0.00	42.08 2.47 0.00	40.44 2.44 0.00	45.06 2.73 0.00	46.34 3.02 0.00	45.76 2.66 0.00	44.90 2.29 0.00	58.42 3.04 0.00	64.50 2.96 0.00	39.22 1.79 0.00	150.05 1.53 -117.04

ARTHUR_KILL_COGEN 323718	35.42 1.59 0.00	27.34 1.16 0.00	25.99 1.03 0.00	25.04 0.92 0.00	24.36 0.82 0.00	23.12 0.77 0.00	24.97 0.77 0.00	23.14 0.83 -0.01	23.71 0.93 0.00	20.07 0.91 0.00	20.44 0.93 0.00	27.81 1.60 0.00	36.28 2.27 0.00	40.14 2.85 -0.01	42.51 2.90 0.00	41.03 3.02 0.00	45.59 3.26 0.00	46.87 3.55 0.00	46.28 3.19 0.00	45.39 2.78 0.00	59.00 3.63 0.00	65.15 3.61 0.00	39.66 2.23 0.00	200.31 1.89 -166.93
ASHOKAN____ 23654	34.37 0.54 0.00	26.49 0.30 0.00	25.27 0.32 0.00	24.52 0.41 0.00	23.92 0.39 0.00	22.73 0.39 0.00	24.58 0.39 0.00	22.71 0.41 0.00	23.15 0.37 0.00	19.50 0.33 0.00	19.71 0.21 0.00	26.49 0.28 0.00	34.44 0.44 0.00	38.16 0.88 0.00	40.65 1.04 0.00	39.26 1.25 0.00	43.78 1.45 0.00	45.22 1.91 0.00	45.10 2.01 0.00	44.46 1.86 0.00	57.79 2.42 0.00	63.69 2.15 0.00	38.56 1.13 0.00	32.33 0.85 0.00
ASTORIA_EAST_ENERGY_CC1 323581	35.14 1.31 0.00	27.18 0.99 0.00	25.81 0.85 0.00	24.90 0.79 0.00	24.27 0.73 0.00	23.05 0.71 0.00	24.84 0.64 0.00	23.07 0.76 -0.01	23.65 0.87 0.00	20.07 0.90 0.00	20.43 0.93 0.00	27.72 1.51 0.00	36.16 2.15 0.00	39.98 2.69 0.00	42.29 2.68 0.00	40.71 2.70 0.00	45.29 2.96 0.00	46.58 3.27 0.00	46.04 2.94 0.00	45.15 2.55 0.00	58.68 3.31 0.00	64.81 3.26 0.00	39.53 2.10 0.00	33.23 1.74 0.00
ASTORIA_EAST_ENERGY_CC2 323582	35.14 1.31 0.00	27.18 0.99 0.00	25.81 0.85 0.00	24.90 0.79 0.00	24.27 0.73 0.00	23.05 0.70 0.00	24.84 0.64 0.00	23.07 0.76 -0.01	23.65 0.87 0.00	20.06 0.90 0.00	20.43 0.93 0.00	27.72 1.51 0.00	36.16 2.15 0.00	39.98 2.69 0.00	42.29 2.68 0.00	40.71 2.70 0.00	45.29 2.96 0.00	46.58 3.27 0.00	46.04 2.94 0.00	45.15 2.55 0.00	58.68 3.31 0.00	64.81 3.26 0.00	39.53 2.10 0.00	33.23 1.74 0.00
ASTORIA_GT2_1 24094	35.17 1.33 0.00	27.19 1.00 0.00	25.82 0.87 0.00	24.91 0.80 0.00	24.28 0.74 0.00	23.06 0.71 0.00	24.86 0.67 0.00	23.07 0.77 -0.01	23.65 0.88 0.00	20.07 0.91 0.00	20.44 0.94 0.00	27.73 1.52 0.00	36.18 2.18 0.00	40.00 2.72 0.00	42.31 2.70 0.00	40.73 2.73 0.00	45.31 2.98 0.00	46.62 3.30 0.00	46.07 2.97 0.00	45.17 2.56 0.00	58.71 3.34 0.00	64.85 3.30 0.00	39.55 2.12 0.00	33.25 1.77 0.00
ASTORIA_GT2_2 24095	35.17 1.33 0.00	27.19 1.00 0.00	25.82 0.87 0.00	24.91 0.80 0.00	24.28 0.74 0.00	23.06 0.71 0.00	24.86 0.67 0.00	23.07 0.77 -0.01	23.65 0.88 0.00	20.07 0.91 0.00	20.44 0.94 0.00	27.73 1.52 0.00	36.18 2.18 0.00	40.00 2.72 0.00	42.31 2.70 0.00	40.73 2.73 0.00	45.31 2.98 0.00	46.62 3.30 0.00	46.07 2.97 0.00	45.17 2.56 0.00	58.71 3.34 0.00	64.85 3.30 0.00	39.55 2.12 0.00	33.25 1.77 0.00
ASTORIA_GT2_3 24096	35.17 1.33 0.00	27.19 1.00 0.00	25.82 0.87 0.00	24.91 0.80 0.00	24.28 0.74 0.00	23.06 0.71 0.00	24.86 0.67 0.00	23.07 0.77 -0.01	23.65 0.88 0.00	20.07 0.91 0.00	20.44 0.94 0.00	27.73 1.52 0.00	36.18 2.18 0.00	40.00 2.72 0.00	42.31 2.70 0.00	40.73 2.73 0.00	45.31 2.98 0.00	46.62 3.30 0.00	46.07 2.97 0.00	45.17 2.56 0.00	58.71 3.34 0.00	64.85 3.30 0.00	39.55 2.12 0.00	33.25 1.77 0.00
ASTORIA_GT2_4 24097	35.17 1.33 0.00	27.19 1.00 0.00	25.82 0.87 0.00	24.91 0.80 0.00	24.28 0.74 0.00	23.06 0.71 0.00	24.86 0.67 0.00	23.07 0.77 -0.01	23.65 0.88 0.00	20.07 0.91 0.00	20.44 0.94 0.00	27.73 1.52 0.00	36.18 2.18 0.00	40.00 2.72 0.00	42.31 2.70 0.00	40.73 2.73 0.00	45.31 2.98 0.00	46.62 3.30 0.00	46.07 2.97 0.00	45.17 2.56 0.00	58.71 3.34 0.00	64.85 3.30 0.00	39.55 2.12 0.00	33.25 1.77 0.00
ASTORIA_GT3_1 24098	35.17 1.33 0.00	27.19 1.00 0.00	25.82 0.87 0.00	24.91 0.80 0.00	24.28 0.74 0.00	23.06 0.71 0.00	24.86 0.67 0.00	23.07 0.77 -0.01	23.65 0.88 0.00	20.07 0.91 0.00	20.44 0.94 0.00	27.73 1.52 0.00	36.18 2.18 0.00	40.00 2.72 0.00	42.31 2.70 0.00	40.73 2.73 0.00	45.31 2.98 0.00	46.62 3.30 0.00	46.07 2.97 0.00	45.17 2.56 0.00	58.71 3.34 0.00	64.85 3.30 0.00	39.55 2.12 0.00	33.25 1.77 0.00
ASTORIA_GT3_2 24099	35.17 1.33 0.00	27.19 1.00 0.00	25.82 0.87 0.00	24.91 0.80 0.00	24.28 0.74 0.00	23.06 0.71 0.00	24.86 0.67 0.00	23.07 0.77 -0.01	23.65 0.88 0.00	20.07 0.91 0.00	20.44 0.94 0.00	27.73 1.52 0.00	36.18 2.18 0.00	40.00 2.72 0.00	42.31 2.70 0.00	40.73 2.73 0.00	45.31 2.98 0.00	46.62 3.30 0.00	46.07 2.97 0.00	45.17 2.56 0.00	58.71 3.34 0.00	64.85 3.30 0.00	39.55 2.12 0.00	33.25 1.77 0.00
ASTORIA_GT3_3 24100	35.17 1.33 0.00	27.19 1.00 0.00	25.82 0.87 0.00	24.91 0.80 0.00	24.28 0.74 0.00	23.06 0.71 0.00	24.86 0.67 0.00	23.07 0.77 -0.01	23.65 0.88 0.00	20.07 0.91 0.00	20.44 0.94 0.00	27.73 1.52 0.00	36.18 2.18 0.00	40.00 2.72 0.00	42.31 2.70 0.00	40.73 2.73 0.00	45.31 2.98 0.00	46.62 3.30 0.00	46.07 2.97 0.00	45.17 2.56 0.00	58.71 3.34 0.00	64.85 3.30 0.00	39.55 2.12 0.00	33.25 1.77 0.00
ASTORIA_GT3_4 24101	35.17 1.33 0.00	27.19 1.00 0.00	25.82 0.87 0.00	24.91 0.80 0.00	24.28 0.74 0.00	23.06 0.71 0.00	24.86 0.67 0.00	23.07 0.77 -0.01	23.65 0.88 0.00	20.07 0.91 0.00	20.44 0.94 0.00	27.73 1.52 0.00	36.18 2.18 0.00	40.00 2.72 0.00	42.31 2.70 0.00	40.73 2.73 0.00	45.31 2.98 0.00	46.62 3.30 0.00	46.07 2.97 0.00	45.17 2.56 0.00	58.71 3.34 0.00	64.85 3.30 0.00	39.55 2.12 0.00	33.25 1.77 0.00
ASTORIA_GT4_1 24102	35.17 1.33 0.00	27.19 1.00 0.00	25.82 0.87 0.00	24.91 0.80 0.00	24.28 0.74 0.00	23.06 0.71 0.00	24.86 0.67 0.00	23.07 0.77 -0.01	23.65 0.88 0.00	20.07 0.91 0.00	20.44 0.94 0.00	27.73 1.52 0.00	36.18 2.18 0.00	40.00 2.72 0.00	42.31 2.70 0.00	40.73 2.73 0.00	45.31 2.98 0.00	46.62 3.30 0.00	46.07 2.97 0.00	45.17 2.56 0.00	58.71 3.34 0.00	64.85 3.30 0.00	39.55 2.12 0.00	33.25 1.77 0.00
ASTORIA_GT4_2 24103	35.17 1.33 0.00	27.19 1.00 0.00	25.82 0.87 0.00	24.91 0.80 0.00	24.28 0.74 0.00	23.06 0.71 0.00	24.86 0.67 0.00	23.07 0.77 -0.01	23.65 0.88 0.00	20.07 0.91 0.00	20.44 0.94 0.00	27.73 1.52 0.00	36.18 2.18 0.00	40.00 2.72 0.00	42.31 2.70 0.00	40.73 2.73 0.00	45.31 2.98 0.00	46.62 3.30 0.00	46.07 2.97 0.00	45.17 2.56 0.00	58.71 3.34 0.00	64.85 3.30 0.00	39.55 2.12 0.00	33.25 1.77 0.00
ASTORIA_GT4_3 24104	35.17 1.33 0.00	27.19 1.00 0.00	25.82 0.87 0.00	24.91 0.80 0.00	24.28 0.74 0.00	23.06 0.71 0.00	24.86 0.67 0.00	23.07 0.77 -0.01	23.65 0.88 0.00	20.07 0.91 0.00	20.44 0.94 0.00	27.73 1.52 0.00	36.18 2.18 0.00	40.00 2.72 0.00	42.31 2.70 0.00	40.73 2.73 0.00	45.31 2.98 0.00	46.62 3.30 0.00	46.07 2.97 0.00	45.17 2.56 0.00	58.71 3.34 0.00	64.85 3.30 0.00	39.55 2.12 0.00	33.25 1.77 0.00

ASTORIA_GT4_4 24105	35.17 1.33 0.00	27.19 1.00 0.00	25.82 0.87 0.00	24.91 0.80 0.00	24.28 0.74 0.00	23.06 0.71 0.00	24.86 0.67 0.00	23.07 0.77 -0.01	23.65 0.88 0.00	20.07 0.91 0.00	20.44 0.94 0.00	27.73 1.52 0.00	36.18 2.18 0.00	40.00 2.72 0.00	42.31 2.70 0.00	40.73 2.73 0.00	45.31 2.98 0.00	46.62 3.30 0.00	46.07 2.97 0.00	45.17 2.56 0.00	58.71 3.34 0.00	64.85 3.30 0.00	39.55 2.12 0.00	33.25 1.77 0.00
ASTORIA_GT_1 23523	35.23 1.40 0.00	27.24 1.05 0.00	25.86 0.91 0.00	24.95 0.84 0.00	24.32 0.78 0.00	23.09 0.75 0.00	24.90 0.70 0.00	23.11 0.81 -0.01	23.70 0.92 0.00	20.11 0.94 0.00	20.48 0.98 0.00	27.80 1.59 0.00	36.25 2.25 0.00	40.10 2.81 0.00	42.41 2.80 0.00	40.83 2.82 0.00	45.42 3.09 0.00	46.72 3.40 0.00	46.18 3.09 0.00	45.29 2.68 0.00	58.85 3.48 0.00	64.99 3.45 0.00	39.65 2.22 0.00	33.32 1.83 0.00
ASTORIA_GT_10 24110	35.17 1.34 0.00	27.14 0.95 0.00	25.80 0.84 0.00	24.89 0.77 0.00	24.26 0.73 0.00	23.05 0.71 0.00	24.86 0.67 0.00	23.07 0.77 -0.01	23.65 0.87 0.00	20.07 0.91 0.00	20.45 0.94 0.00	27.70 1.50 0.00	36.15 2.14 0.00	39.99 2.71 0.00	42.33 2.72 0.00	40.73 2.73 0.00	45.33 3.00 0.00	46.65 3.33 0.00	46.09 3.00 0.00	45.21 2.60 0.00	58.81 3.43 0.00	64.91 3.36 0.00	39.52 2.09 0.00	33.24 1.75 0.00
ASTORIA_GT_11 24225	35.17 1.34 0.00	27.14 0.95 0.00	25.80 0.84 0.00	24.89 0.77 0.00	24.26 0.73 0.00	23.05 0.71 0.00	24.86 0.67 0.00	23.07 0.77 -0.01	23.65 0.87 0.00	20.07 0.91 0.00	20.45 0.94 0.00	27.70 1.50 0.00	36.15 2.14 0.00	39.99 2.71 0.00	42.33 2.72 0.00	40.73 2.73 0.00	45.33 3.00 0.00	46.65 3.33 0.00	46.09 3.00 0.00	45.21 2.60 0.00	58.81 3.43 0.00	64.91 3.36 0.00	39.52 2.09 0.00	33.24 1.75 0.00
ASTORIA_GT_12 24226	35.17 1.34 0.00	27.14 0.95 0.00	25.80 0.84 0.00	24.89 0.77 0.00	24.26 0.73 0.00	23.05 0.71 0.00	24.86 0.67 0.00	23.07 0.77 -0.01	23.65 0.87 0.00	20.07 0.91 0.00	20.45 0.94 0.00	27.70 1.50 0.00	36.15 2.14 0.00	39.99 2.71 0.00	42.33 2.72 0.00	40.73 2.73 0.00	45.33 3.00 0.00	46.65 3.33 0.00	46.09 3.00 0.00	45.21 2.60 0.00	58.81 3.43 0.00	64.91 3.36 0.00	39.52 2.09 0.00	33.24 1.75 0.00
ASTORIA_GT_13 24227	35.17 1.34 0.00	27.14 0.95 0.00	25.80 0.84 0.00	24.89 0.77 0.00	24.26 0.73 0.00	23.05 0.71 0.00	24.86 0.67 0.00	23.07 0.77 -0.01	23.65 0.87 0.00	20.07 0.91 0.00	20.45 0.94 0.00	27.70 1.50 0.00	36.15 2.14 0.00	39.99 2.71 0.00	42.33 2.72 0.00	40.73 2.73 0.00	45.33 3.00 0.00	46.65 3.33 0.00	46.09 3.00 0.00	45.21 2.60 0.00	58.81 3.43 0.00	64.91 3.36 0.00	39.52 2.09 0.00	33.24 1.75 0.00
ASTORIA_GT_5 24106	35.23 1.40 0.00	27.24 1.05 0.00	25.86 0.91 0.00	24.95 0.84 0.00	24.32 0.78 0.00	23.10 0.75 0.00	24.90 0.70 0.00	23.12 0.81 -0.01	23.70 0.92 0.00	20.11 0.94 0.00	20.48 0.98 0.00	27.79 1.58 0.00	36.25 2.25 0.00	40.09 2.81 0.00	42.42 2.81 0.00	40.83 2.82 0.00	45.43 3.10 0.00	46.72 3.40 0.00	46.18 3.08 0.00	45.29 2.68 0.00	58.85 3.48 0.00	64.99 3.45 0.00	39.65 2.22 0.00	33.32 1.84 0.00
ASTORIA_GT_7 24107	35.23 1.40 0.00	27.24 1.05 0.00	25.86 0.91 0.00	24.95 0.84 0.00	24.32 0.78 0.00	23.10 0.75 0.00	24.90 0.70 0.00	23.12 0.81 -0.01	23.70 0.92 0.00	20.11 0.94 0.00	20.48 0.98 0.00	27.79 1.58 0.00	36.25 2.25 0.00	40.09 2.81 0.00	42.42 2.81 0.00	40.83 2.82 0.00	45.43 3.10 0.00	46.72 3.40 0.00	46.18 3.08 0.00	45.29 2.68 0.00	58.85 3.48 0.00	64.99 3.45 0.00	39.65 2.22 0.00	33.32 1.84 0.00
ASTORIA_GT_8 24108	35.23 1.40 0.00	27.24 1.05 0.00	25.86 0.91 0.00	24.95 0.84 0.00	24.32 0.78 0.00	23.10 0.75 0.00	24.90 0.70 0.00	23.12 0.81 -0.01	23.70 0.92 0.00	20.11 0.94 0.00	20.48 0.98 0.00	27.79 1.58 0.00	36.25 2.25 0.00	40.09 2.81 0.00	42.42 2.81 0.00	40.83 2.82 0.00	45.43 3.10 0.00	46.72 3.40 0.00	46.18 3.08 0.00	45.29 2.68 0.00	58.85 3.48 0.00	64.99 3.45 0.00	39.65 2.22 0.00	33.32 1.84 0.00
ASTORIA___2 24149	35.17 1.33 0.00	27.18 1.00 0.00	25.82 0.87 0.00	24.91 0.80 0.00	24.28 0.74 0.00	23.05 0.71 0.00	24.86 0.66 0.00	23.07 0.77 -0.01	23.65 0.88 0.00	20.07 0.91 0.00	20.44 0.94 0.00	27.74 1.53 0.00	36.18 2.17 0.00	40.00 2.71 0.00	42.31 2.71 0.00	40.74 2.73 0.00	45.32 2.98 0.00	46.62 3.30 0.00	46.06 2.97 0.00	45.17 2.56 0.00	58.71 3.34 0.00	64.85 3.30 0.00	39.55 2.12 0.00	33.25 1.76 0.00
ASTORIA___3 23516	35.17 1.34 0.00	27.14 0.95 0.00	25.80 0.84 0.00	24.89 0.78 0.00	24.26 0.73 0.00	23.05 0.71 0.00	24.86 0.66 0.00	23.07 0.77 -0.01	23.65 0.87 0.00	20.07 0.91 0.00	20.45 0.94 0.00	27.70 1.49 0.00	36.15 2.14 0.00	39.99 2.71 0.00	42.32 2.72 0.00	40.74 2.73 0.00	45.34 3.00 0.00	46.65 3.34 0.00	46.09 3.00 0.00	45.21 2.60 0.00	58.81 3.43 0.00	64.90 3.36 0.00	39.52 2.09 0.00	33.24 1.75 0.00
ASTORIA___4 23517	35.17 1.34 0.00	27.14 0.95 0.00	25.80 0.84 0.00	24.89 0.77 0.00	24.26 0.73 0.00	23.05 0.71 0.00	24.86 0.67 0.00	23.07 0.77 -0.01	23.65 0.87 0.00	20.07 0.91 0.00	20.45 0.94 0.00	27.70 1.50 0.00	36.15 2.14 0.00	39.99 2.71 0.00	42.33 2.72 0.00	40.73 2.73 0.00	45.33 3.00 0.00	46.65 3.33 0.00	46.09 3.00 0.00	45.21 2.60 0.00	58.81 3.43 0.00	64.91 3.36 0.00	39.52 2.09 0.00	33.24 1.75 0.00
ASTORIA___5 23518	35.17 1.34 0.00	27.14 0.95 0.00	25.80 0.84 0.00	24.89 0.78 0.00	24.26 0.73 0.00	23.05 0.71 0.00	24.86 0.66 0.00	23.07 0.77 -0.01	23.65 0.87 0.00	20.07 0.91 0.00	20.45 0.94 0.00	27.70 1.49 0.00	36.15 2.14 0.00	39.99 2.71 0.00	42.32 2.72 0.00	40.74 2.73 0.00	45.34 3.00 0.00	46.65 3.34 0.00	46.09 3.00 0.00	45.21 2.60 0.00	58.81 3.43 0.00	64.90 3.36 0.00	39.52 2.09 0.00	33.24 1.75 0.00
AST_ENERGY_2_CC3 323677	35.06 1.23 0.00	27.04 0.86 0.00	25.71 0.75 0.00	24.79 0.68 0.00	24.17 0.63 0.00	22.94 0.60 0.00	24.77 0.57 0.00	22.97 0.67 0.00	23.54 0.77 0.00	19.99 0.83 0.00	20.35 0.84 0.00	27.58 1.37 0.00	35.97 1.97 0.00	39.82 2.54 0.00	42.15 2.54 0.00	40.54 2.53 0.00	45.15 2.82 0.00	46.45 3.13 0.00	45.88 2.79 0.00	45.00 2.40 0.00	58.54 3.17 0.00	64.64 3.10 0.00	39.31 1.88 0.00	33.09 1.60 0.00
AST_ENERGY_2_CC4 323678	35.06 1.23 0.00	27.04 0.86 0.00	25.71 0.75 0.00	24.79 0.68 0.00	24.17 0.63 0.00	22.94 0.60 0.00	24.77 0.57 0.00	22.97 0.67 0.00	23.54 0.77 0.00	19.99 0.83 0.00	20.35 0.84 0.00	27.58 1.37 0.00	35.97 1.97 0.00	39.82 2.54 0.00	42.15 2.54 0.00	40.54 2.53 0.00	45.15 2.82 0.00	46.45 3.13 0.00	45.88 2.79 0.00	45.00 2.40 0.00	58.54 3.17 0.00	64.64 3.10 0.00	39.31 1.88 0.00	33.09 1.60 0.00

ATHENS_STG_1 23668	34.18 0.35 0.00	26.41 0.22 0.00	25.18 0.23 0.00	24.39 0.28 0.00	23.79 0.26 0.00	22.61 0.27 0.00	24.43 0.23 0.00	22.55 0.24 0.00	23.04 0.27 0.00	19.42 0.26 0.00	19.74 0.23 0.00	26.62 0.41 0.00	34.64 0.64 0.00	38.24 0.96 0.00	40.62 1.01 0.00	39.00 0.99 0.00	43.38 1.05 0.00	44.58 1.27 0.00	44.24 1.15 0.00	43.56 0.96 0.00	56.66 1.29 0.00	62.67 1.12 0.00	38.09 0.66 0.00	32.09 0.60 0.00
ATHENS_STG_2 23670	34.18 0.35 0.00	26.41 0.22 0.00	25.18 0.23 0.00	24.39 0.28 0.00	23.79 0.26 0.00	22.61 0.27 0.00	24.43 0.23 0.00	22.55 0.24 0.00	23.04 0.27 0.00	19.42 0.26 0.00	19.74 0.23 0.00	26.62 0.41 0.00	34.64 0.64 0.00	38.24 0.96 0.00	40.62 1.01 0.00	39.00 0.99 0.00	43.38 1.05 0.00	44.58 1.27 0.00	44.24 1.15 0.00	43.56 0.96 0.00	56.66 1.29 0.00	62.67 1.12 0.00	38.09 0.66 0.00	32.09 0.60 0.00
ATHENS_STG_3 23677	34.18 0.35 0.00	26.41 0.22 0.00	25.18 0.23 0.00	24.39 0.28 0.00	23.79 0.26 0.00	22.61 0.27 0.00	24.43 0.23 0.00	22.55 0.24 0.00	23.04 0.27 0.00	19.42 0.26 0.00	19.74 0.23 0.00	26.62 0.41 0.00	34.64 0.64 0.00	38.24 0.96 0.00	40.62 1.01 0.00	39.00 0.99 0.00	43.38 1.05 0.00	44.58 1.27 0.00	44.24 1.15 0.00	43.56 0.96 0.00	56.66 1.29 0.00	62.67 1.12 0.00	38.09 0.66 0.00	32.09 0.60 0.00
AUBURN___LFGE 323710	33.84 0.01 0.00	26.25 0.06 0.00	24.93 -0.02 0.00	24.04 -0.07 0.00	23.46 -0.07 0.00	22.29 -0.06 0.00	24.19 0.00 0.00	22.22 -0.08 0.00	22.66 -0.11 0.00	19.03 -0.13 0.00	19.35 -0.15 0.00	26.01 -0.20 0.00	33.85 -0.15 0.00	37.41 0.12 0.00	39.55 -0.06 0.00	38.19 0.18 0.00	42.79 0.46 0.00	43.95 0.64 0.00	43.96 0.87 0.00	43.61 1.00 0.00	56.53 1.16 0.00	62.66 1.12 0.00	37.96 0.52 0.00	31.94 -0.46 0.00
BABYLON_RES_REC 323704	35.73 1.90 0.00	29.50 1.41 -1.91	26.21 1.25 0.00	25.20 1.08 0.00	24.55 1.01 0.00	23.29 0.95 0.00	25.12 0.92 0.00	23.28 0.98 0.00	24.51 1.24 -0.49	20.93 1.13 -0.64	20.67 1.16 0.00	30.29 1.80 -2.28	37.11 2.55 -0.56	52.43 2.89 -12.26	42.34 2.74 0.00	40.70 2.69 0.00	45.15 2.82 0.00	46.33 3.02 0.00	45.62 2.53 0.00	44.60 2.00 0.00	58.31 2.93 0.00	64.55 3.00 0.00	39.73 2.30 0.00	33.44 1.96 0.00
BABYLON__69_KV_BK2 356345	36.10 2.27 0.00	29.79 1.70 -1.90	26.47 1.52 0.00	25.43 1.32 0.00	24.78 1.24 0.00	23.51 1.16 0.00	25.36 1.17 0.00	23.51 1.21 0.00	24.77 1.51 -0.49	21.16 1.36 -0.63	20.91 1.40 0.00	30.65 2.16 -2.28	37.56 3.00 -0.56	53.22 3.68 -12.26	43.26 3.65 0.00	41.66 3.65 0.00	46.31 3.98 0.00	47.51 4.19 0.00	46.75 3.66 0.00	45.67 3.07 0.00	59.72 4.35 0.00	65.80 4.25 0.00	40.18 2.75 0.00	33.79 2.30 0.00
BALL_HILL_WT_PWR 323825	32.50 -1.33 0.00	25.33 -0.86 0.00	24.06 -0.90 0.00	22.97 -1.15 0.00	22.48 -1.06 0.00	21.25 -1.09 0.00	23.26 -0.94 0.00	21.31 -0.99 0.00	21.86 -0.92 0.00	18.50 -0.67 0.00	19.15 -0.35 0.00	25.94 -0.27 0.00	33.77 -0.23 0.00	37.11 -0.17 0.00	39.15 -0.46 0.00	37.65 -0.36 0.00	42.37 0.04 0.00	43.67 0.36 0.00	43.97 0.87 0.00	43.21 0.60 0.00	56.00 0.63 0.00	62.39 0.85 0.00	38.29 0.86 0.00	31.98 0.50 0.00
BARON_WINDS___WT_PWR 323822	32.93 -0.90 0.00	25.62 -0.57 0.00	24.34 -0.62 0.00	23.34 -0.77 0.00	22.83 -0.70 0.00	21.62 -0.73 0.00	23.55 -0.64 0.00	21.64 -0.66 0.00	22.13 -0.65 0.00	18.67 -0.49 0.00	19.20 -0.30 0.00	26.04 -0.17 0.00	33.94 -0.07 0.00	37.26 -0.02 0.00	39.37 -0.24 0.00	37.85 -0.16 0.00	42.60 0.27 0.00	43.89 0.58 0.00	43.99 0.90 0.00	43.29 0.68 0.00	56.04 0.67 0.00	62.22 0.68 0.00	38.07 0.64 0.00	31.85 0.36 0.00
BARRETT_IC_1 23704	35.46 1.62 0.00	29.27 1.18 -1.91	26.01 1.05 0.00	25.02 0.90 0.00	24.37 0.84 0.00	23.13 0.79 0.00	24.91 0.72 0.00	23.08 0.78 0.00	24.26 1.00 -0.49	20.77 0.97 -0.64	20.58 1.08 0.00	30.19 1.70 -2.28	36.84 2.27 -0.56	52.42 2.88 -12.26	42.35 2.75 0.00	40.71 2.70 0.00	45.17 2.84 0.00	46.41 3.09 0.00	45.73 2.64 0.00	44.74 2.13 0.00	58.37 3.00 0.00	64.49 2.94 0.00	39.58 2.15 0.00	33.33 1.84 0.00
BARRETT_IC_10 23701	35.46 1.62 0.00	29.27 1.18 -1.91	26.01 1.05 0.00	25.02 0.90 0.00	24.37 0.84 0.00	23.13 0.79 0.00	24.91 0.72 0.00	23.08 0.78 0.00	24.26 1.00 -0.49	20.77 0.97 -0.64	20.58 1.08 0.00	30.19 1.70 -2.28	36.84 2.27 -0.56	52.42 2.88 -12.26	42.35 2.75 0.00	40.71 2.70 0.00	45.17 2.84 0.00	46.41 3.09 0.00	45.73 2.64 0.00	44.74 2.13 0.00	58.37 3.00 0.00	64.49 2.94 0.00	39.58 2.15 0.00	33.33 1.84 0.00
BARRETT_IC_11 23702	35.46 1.62 0.00	29.27 1.18 -1.91	26.01 1.05 0.00	25.02 0.90 0.00	24.37 0.84 0.00	23.13 0.79 0.00	24.91 0.72 0.00	23.08 0.78 0.00	24.26 1.00 -0.49	20.77 0.97 -0.64	20.58 1.08 0.00	30.19 1.70 -2.28	36.84 2.27 -0.56	52.42 2.88 -12.26	42.35 2.75 0.00	40.71 2.70 0.00	45.17 2.84 0.00	46.41 3.09 0.00	45.73 2.64 0.00	44.74 2.13 0.00	58.37 3.00 0.00	64.49 2.94 0.00	39.58 2.15 0.00	33.33 1.84 0.00
BARRETT_IC_12 23703	35.46 1.62 0.00	29.27 1.18 -1.91	26.01 1.05 0.00	25.02 0.90 0.00	24.37 0.84 0.00	23.13 0.79 0.00	24.91 0.72 0.00	23.08 0.78 0.00	24.26 1.00 -0.49	20.77 0.97 -0.64	20.58 1.08 0.00	30.19 1.70 -2.28	36.84 2.27 -0.56	52.42 2.88 -12.26	42.35 2.75 0.00	40.71 2.70 0.00	45.17 2.84 0.00	46.41 3.09 0.00	45.73 2.64 0.00	44.74 2.13 0.00	58.37 3.00 0.00	64.49 2.94 0.00	39.58 2.15 0.00	33.33 1.84 0.00
BARRETT_IC_2 23705	35.46 1.62 0.00	29.27 1.18 -1.91	26.01 1.05 0.00	25.02 0.90 0.00	24.37 0.84 0.00	23.13 0.79 0.00	24.91 0.72 0.00	23.08 0.78 0.00	24.26 1.00 -0.49	20.77 0.97 -0.64	20.58 1.08 0.00	30.19 1.70 -2.28	36.84 2.27 -0.56	52.42 2.88 -12.26	42.35 2.75 0.00	40.71 2.70 0.00	45.17 2.84 0.00	46.41 3.09 0.00	45.73 2.64 0.00	44.74 2.13 0.00	58.37 3.00 0.00	64.49 2.94 0.00	39.58 2.15 0.00	33.33 1.84 0.00
BARRETT_IC_3 23706	35.46 1.62 0.00	29.27 1.18 -1.91	26.01 1.05 0.00	25.02 0.90 0.00	24.37 0.84 0.00	23.13 0.79 0.00	24.91 0.72 0.00	23.08 0.78 0.00	24.26 1.00 -0.49	20.77 0.97 -0.64	20.58 1.08 0.00	30.19 1.70 -2.28	36.84 2.27 -0.56	52.42 2.88 -12.26	42.35 2.75 0.00	40.71 2.70 0.00	45.17 2.84 0.00	46.41 3.09 0.00	45.73 2.64 0.00	44.74 2.13 0.00	58.37 3.00 0.00	64.49 2.94 0.00	39.58 2.15 0.00	33.33 1.84 0.00
BARRETT_IC_4 23707	35.46 1.62 0.00	29.27 1.18 -1.91	26.01 1.05 0.00	25.02 0.90 0.00	24.37 0.84 0.00	23.13 0.79 0.00	24.91 0.72 0.00	23.08 0.78 0.00	24.26 1.00 -0.49	20.77 0.97 -0.64	20.58 1.08 0.00	30.19 1.70 -2.28	36.84 2.27 -0.56	52.42 2.88 -12.26	42.35 2.75 0.00	40.71 2.70 0.00	45.17 2.84 0.00	46.41 3.09 0.00	45.73 2.64 0.00	44.74 2.13 0.00	58.37 3.00 0.00	64.49 2.94 0.00	39.58 2.15 0.00	33.33 1.84 0.00

BARRETT_IC_5 23708	35.46 1.62 0.00	29.27 1.18 -1.91	26.01 1.05 0.00	25.02 0.90 0.00	24.37 0.84 0.00	23.13 0.79 0.00	24.91 0.72 0.00	23.08 0.78 0.00	24.26 1.00 -0.49	20.77 0.97 -0.64	20.58 1.08 0.00	30.19 1.70 -2.28	36.84 2.27 -0.56	52.42 2.88 -12.26	42.35 2.75 0.00	40.71 2.70 0.00	45.17 2.84 0.00	46.41 3.09 0.00	45.73 2.64 0.00	44.74 2.13 0.00	58.37 3.00 0.00	64.49 2.94 0.00	39.58 2.15 0.00	33.33 1.84 0.00
BARRETT_IC_6 23709	35.46 1.62 0.00	29.27 1.18 -1.91	26.01 1.05 0.00	25.02 0.90 0.00	24.37 0.84 0.00	23.13 0.79 0.00	24.91 0.72 0.00	23.08 0.78 0.00	24.26 1.00 -0.49	20.77 0.97 -0.64	20.58 1.08 0.00	30.19 1.70 -2.28	36.84 2.27 -0.56	52.42 2.88 -12.26	42.35 2.75 0.00	40.71 2.70 0.00	45.17 2.84 0.00	46.41 3.09 0.00	45.73 2.64 0.00	44.74 2.13 0.00	58.37 3.00 0.00	64.49 2.94 0.00	39.58 2.15 0.00	33.33 1.84 0.00
BARRETT_IC_7 23710	35.46 1.62 0.00	29.27 1.18 -1.90	26.01 1.05 0.00	25.02 0.90 0.00	24.37 0.84 0.00	23.13 0.79 0.00	24.92 0.72 0.00	23.08 0.78 0.00	24.26 1.00 -0.49	20.77 0.97 -0.63	20.58 1.08 0.00	30.19 1.70 -2.28	36.84 2.28 -0.56	52.42 2.88 -12.26	42.36 2.76 0.00	40.71 2.71 0.00	45.17 2.84 0.00	46.41 3.09 0.00	45.73 2.64 0.00	44.74 2.13 0.00	58.37 3.00 0.00	64.49 2.94 0.00	39.58 2.15 0.00	33.33 1.84 0.00
BARRETT_IC_8 23711	35.46 1.62 0.00	29.27 1.18 -1.91	26.01 1.05 0.00	25.02 0.90 0.00	24.37 0.84 0.00	23.13 0.79 0.00	24.91 0.72 0.00	23.08 0.78 0.00	24.26 1.00 -0.49	20.77 0.97 -0.64	20.58 1.08 0.00	30.19 1.70 -2.28	36.84 2.27 -0.56	52.42 2.88 -12.26	42.35 2.75 0.00	40.71 2.70 0.00	45.17 2.84 0.00	46.41 3.09 0.00	45.73 2.64 0.00	44.74 2.13 0.00	58.37 3.00 0.00	64.49 2.94 0.00	39.58 2.15 0.00	33.33 1.84 0.00
BARRETT_IC_9 23700	35.46 1.62 0.00	29.27 1.18 -1.91	26.01 1.05 0.00	25.02 0.90 0.00	24.37 0.84 0.00	23.13 0.79 0.00	24.91 0.72 0.00	23.08 0.78 0.00	24.26 1.00 -0.49	20.77 0.97 -0.64	20.58 1.08 0.00	30.19 1.70 -2.28	36.84 2.27 -0.56	52.42 2.88 -12.26	42.35 2.75 0.00	40.71 2.70 0.00	45.17 2.84 0.00	46.41 3.09 0.00	45.73 2.64 0.00	44.74 2.13 0.00	58.37 3.00 0.00	64.49 2.94 0.00	39.58 2.15 0.00	33.33 1.84 0.00
BARRETT___1 23545	35.46 1.62 0.00	29.27 1.18 -1.91	26.01 1.05 0.00	25.02 0.90 0.00	24.37 0.84 0.00	23.13 0.79 0.00	24.91 0.72 0.00	23.08 0.78 0.00	24.26 1.00 -0.49	20.77 0.97 -0.64	20.58 1.08 0.00	30.19 1.70 -2.28	36.84 2.27 -0.56	52.42 2.88 -12.26	42.35 2.75 0.00	40.71 2.70 0.00	45.17 2.84 0.00	46.41 3.09 0.00	45.73 2.64 0.00	44.74 2.13 0.00	58.37 3.00 0.00	64.49 2.94 0.00	39.58 2.15 0.00	33.33 1.84 0.00
BARRETT___2 23546	35.46 1.62 0.00	29.27 1.18 -1.91	26.01 1.05 0.00	25.02 0.90 0.00	24.37 0.84 0.00	23.13 0.79 0.00	24.91 0.72 0.00	23.08 0.78 0.00	24.26 1.00 -0.49	20.77 0.97 -0.64	20.58 1.08 0.00	30.19 1.70 -2.28	36.84 2.27 -0.56	52.42 2.88 -12.26	42.35 2.75 0.00	40.71 2.70 0.00	45.17 2.84 0.00	46.41 3.09 0.00	45.73 2.64 0.00	44.74 2.13 0.00	58.37 3.00 0.00	64.49 2.94 0.00	39.58 2.15 0.00	33.33 1.84 0.00
BATAVIA__115KV_TB1 55881	32.96 -0.87 0.00	25.67 -0.52 0.00	24.36 -0.59 0.00	23.25 -0.86 0.00	22.75 -0.78 0.00	21.52 -0.82 0.00	23.55 -0.64 0.00	21.57 -0.73 0.00	22.06 -0.71 0.00	18.58 -0.59 0.00	19.19 -0.31 0.00	25.95 -0.26 0.00	33.63 -0.37 0.00	36.99 -0.29 0.00	39.22 -0.39 0.00	37.78 -0.23 0.00	42.49 0.16 0.00	44.00 0.69 0.00	44.62 1.53 0.00	43.91 1.31 0.00	57.10 1.73 0.00	63.57 2.02 0.00	38.90 1.47 0.00	32.44 0.96 0.00
BAYONEEC___CTG1 323682	35.11 1.28 0.00	27.08 0.89 0.00	25.74 0.78 0.00	24.82 0.70 0.00	24.19 0.65 0.00	22.96 0.62 0.00	24.79 0.60 0.00	22.98 0.69 0.00	23.56 0.79 0.00	19.99 0.83 0.00	20.36 0.86 0.00	27.62 1.41 0.00	36.03 2.03 0.00	39.89 2.61 0.00	42.21 2.60 0.00	40.59 2.58 0.00	45.20 2.87 0.00	46.51 3.19 0.00	45.93 2.84 0.00	45.06 2.46 0.00	58.62 3.25 0.00	64.72 3.17 0.00	39.37 1.93 0.00	33.13 1.65 0.00
BAYONEEC___CTG10 323750	35.11 1.28 0.00	27.08 0.89 0.00	25.74 0.78 0.00	24.82 0.70 0.00	24.19 0.65 0.00	22.96 0.62 0.00	24.79 0.60 0.00	22.98 0.69 0.00	23.56 0.79 0.00	19.99 0.83 0.00	20.36 0.86 0.00	27.62 1.41 0.00	36.03 2.03 0.00	39.89 2.61 0.00	42.21 2.60 0.00	40.59 2.58 0.00	45.20 2.87 0.00	46.51 3.19 0.00	45.93 2.84 0.00	45.06 2.46 0.00	58.62 3.25 0.00	64.72 3.17 0.00	39.37 1.93 0.00	33.13 1.65 0.00
BAYONEEC___CTG2 323683	35.11 1.28 0.00	27.08 0.89 0.00	25.74 0.78 0.00	24.82 0.70 0.00	24.19 0.65 0.00	22.96 0.62 0.00	24.79 0.60 0.00	22.98 0.69 0.00	23.56 0.79 0.00	19.99 0.83 0.00	20.36 0.86 0.00	27.62 1.41 0.00	36.03 2.03 0.00	39.89 2.61 0.00	42.21 2.60 0.00	40.59 2.58 0.00	45.20 2.87 0.00	46.51 3.19 0.00	45.93 2.84 0.00	45.06 2.46 0.00	58.62 3.25 0.00	64.72 3.17 0.00	39.37 1.93 0.00	33.13 1.65 0.00
BAYONEEC___CTG3 323684	35.11 1.28 0.00	27.08 0.89 0.00	25.74 0.78 0.00	24.82 0.70 0.00	24.19 0.65 0.00	22.96 0.62 0.00	24.79 0.60 0.00	22.98 0.69 0.00	23.56 0.79 0.00	19.99 0.83 0.00	20.36 0.86 0.00	27.62 1.41 0.00	36.03 2.03 0.00	39.89 2.61 0.00	42.21 2.60 0.00	40.59 2.58 0.00	45.20 2.87 0.00	46.51 3.19 0.00	45.93 2.84 0.00	45.06 2.46 0.00	58.62 3.25 0.00	64.72 3.17 0.00	39.37 1.93 0.00	33.13 1.65 0.00
BAYONEEC___CTG4 323685	35.11 1.28 0.00	27.08 0.89 0.00	25.74 0.78 0.00	24.82 0.70 0.00	24.19 0.65 0.00	22.96 0.62 0.00	24.79 0.60 0.00	22.98 0.69 0.00	23.56 0.79 0.00	19.99 0.83 0.00	20.36 0.86 0.00	27.62 1.41 0.00	36.03 2.03 0.00	39.89 2.61 0.00	42.21 2.60 0.00	40.59 2.58 0.00	45.20 2.87 0.00	46.51 3.19 0.00	45.93 2.84 0.00	45.06 2.46 0.00	58.62 3.25 0.00	64.72 3.17 0.00	39.37 1.93 0.00	33.13 1.65 0.00
BAYONEEC___CTG5 323686	35.11 1.28 0.00	27.08 0.89 0.00	25.74 0.78 0.00	24.82 0.70 0.00	24.19 0.65 0.00	22.96 0.62 0.00	24.79 0.60 0.00	22.98 0.69 0.00	23.56 0.79 0.00	19.99 0.83 0.00	20.36 0.86 0.00	27.62 1.41 0.00	36.03 2.03 0.00	39.89 2.61 0.00	42.21 2.60 0.00	40.59 2.58 0.00	45.20 2.87 0.00	46.51 3.19 0.00	45.93 2.84 0.00	45.06 2.46 0.00	58.62 3.25 0.00	64.72 3.17 0.00	39.37 1.93 0.00	33.13 1.65 0.00
BAYONEEC___CTG6 323687	35.11 1.28 0.00	27.08 0.89 0.00	25.74 0.78 0.00	24.82 0.70 0.00	24.19 0.65 0.00	22.96 0.62 0.00	24.79 0.60 0.00	22.98 0.69 0.00	23.56 0.79 0.00	19.99 0.83 0.00	20.36 0.86 0.00	27.62 1.41 0.00	36.03 2.03 0.00	39.89 2.61 0.00	42.21 2.60 0.00	40.59 2.58 0.00	45.20 2.87 0.00	46.51 3.19 0.00	45.93 2.84 0.00	45.06 2.46 0.00	58.62 3.25 0.00	64.72 3.17 0.00	39.37 1.93 0.00	33.13 1.65 0.00

BAYONEEC___CTG7 323688	35.11 1.28 0.00	27.08 0.89 0.00	25.74 0.78 0.00	24.82 0.70 0.00	24.19 0.65 0.00	22.96 0.62 0.00	24.79 0.60 0.00	22.98 0.69 0.00	23.56 0.79 0.00	19.99 0.83 0.00	20.36 0.86 0.00	27.62 1.41 0.00	36.03 2.03 0.00	39.89 2.61 0.00	42.21 2.60 0.00	40.59 2.58 0.00	45.20 2.87 0.00	46.51 3.19 0.00	45.93 2.84 0.00	45.06 2.46 0.00	58.62 3.25 0.00	64.72 3.17 0.00	39.37 1.93 0.00	33.13 1.65 0.00
BAYONEEC___CTG8 323689	35.11 1.28 0.00	27.08 0.89 0.00	25.74 0.78 0.00	24.82 0.70 0.00	24.19 0.65 0.00	22.96 0.62 0.00	24.79 0.60 0.00	22.98 0.69 0.00	23.56 0.79 0.00	19.99 0.83 0.00	20.36 0.86 0.00	27.62 1.41 0.00	36.03 2.03 0.00	39.89 2.61 0.00	42.21 2.60 0.00	40.59 2.58 0.00	45.20 2.87 0.00	46.51 3.19 0.00	45.93 2.84 0.00	45.06 2.46 0.00	58.62 3.25 0.00	64.72 3.17 0.00	39.37 1.93 0.00	33.13 1.65 0.00
BAYONEEC___CTG9 323749	35.11 1.28 0.00	27.08 0.89 0.00	25.74 0.78 0.00	24.82 0.70 0.00	24.19 0.65 0.00	22.96 0.62 0.00	24.79 0.60 0.00	22.98 0.69 0.00	23.56 0.79 0.00	19.99 0.83 0.00	20.36 0.86 0.00	27.62 1.41 0.00	36.03 2.03 0.00	39.89 2.61 0.00	42.21 2.60 0.00	40.59 2.58 0.00	45.20 2.87 0.00	46.51 3.19 0.00	45.93 2.84 0.00	45.06 2.46 0.00	58.62 3.25 0.00	64.72 3.17 0.00	39.37 1.93 0.00	33.13 1.65 0.00
BEACON___LESR 323632	34.22 0.39 0.00	26.34 0.15 0.00	25.23 0.27 0.00	24.55 0.44 0.00	23.96 0.42 0.00	22.76 0.42 0.00	24.61 0.41 0.00	22.68 0.38 0.00	23.14 0.36 0.00	19.38 0.22 0.00	19.72 0.22 0.00	26.46 0.25 0.00	34.47 0.46 0.00	38.00 0.71 0.00	40.38 0.78 0.00	38.83 0.82 0.00	43.29 0.96 0.00	44.55 1.24 0.00	44.27 1.18 0.00	43.67 1.07 0.00	56.75 1.38 0.00	62.66 1.11 0.00	38.00 0.57 0.00	32.00 0.52 0.00
BEAVER RIVER___HYD 24048	33.97 0.14 0.00	26.27 0.08 0.00	24.96 0.00 0.00	24.11 0.00 0.00	23.53 -0.01 0.00	22.33 -0.01 0.00	24.23 0.03 0.00	22.30 0.00 0.00	22.63 -0.15 0.00	18.91 -0.26 0.00	19.17 -0.33 0.00	25.69 -0.52 0.00	33.32 -0.69 0.00	36.65 -0.63 0.00	38.99 -0.62 0.00	37.43 -0.58 0.00	41.86 -0.48 0.00	43.01 -0.31 0.00	43.41 0.32 0.00	43.43 0.82 0.00	56.67 1.29 0.00	62.72 1.17 0.00	37.99 0.56 0.00	31.77 0.28 0.00
BEEBEE_GT_13 23619	32.90 -0.93 0.00	25.57 -0.62 0.00	24.29 -0.66 0.00	23.27 -0.85 0.00	22.76 -0.77 0.00	21.55 -0.79 0.00	23.49 -0.70 0.00	21.56 -0.74 0.00	22.08 -0.70 0.00	18.61 -0.55 0.00	19.16 -0.34 0.00	25.77 -0.44 0.00	33.56 -0.45 0.00	36.99 -0.30 0.00	39.17 -0.44 0.00	37.74 -0.27 0.00	42.34 0.01 0.00	43.68 0.37 0.00	43.88 0.79 0.00	43.18 0.57 0.00	56.03 0.65 0.00	62.34 0.79 0.00	38.04 0.60 0.00	31.81 0.32 0.00
BENSHRST_27_KV_BENSHRST_1 355998	35.58 1.75 0.00	27.46 1.27 0.00	26.08 1.13 0.00	25.14 1.03 0.00	24.51 0.97 0.00	23.26 0.92 0.00	25.11 0.92 0.00	23.29 0.99 -0.01	23.89 1.11 0.00	20.27 1.11 0.00	20.65 1.15 0.00	28.04 1.83 0.00	36.60 2.59 0.00	40.48 3.19 -0.01	42.83 3.22 0.00	41.25 3.25 0.00	45.91 3.58 0.00	47.21 3.89 0.00	46.67 3.57 0.00	45.75 3.15 0.00	59.50 4.13 0.00	65.70 4.15 0.00	40.00 2.57 0.00	200.57 2.15 -166.93
BETHLEHEM___GRP 23843	33.67 -0.16 0.00	26.02 -0.17 0.00	24.93 -0.02 0.00	24.32 0.20 0.00	23.72 0.19 0.00	22.55 0.21 0.00	24.36 0.16 0.00	22.48 0.18 0.00	22.93 0.15 0.00	19.16 0.00 0.00	19.46 -0.04 0.00	26.07 -0.14 0.00	33.89 -0.11 0.00	37.39 0.11 0.00	39.82 0.21 0.00	38.21 0.20 0.00	42.46 0.13 0.00	43.65 0.33 0.00	43.41 0.32 0.00	42.82 0.22 0.00	55.68 0.30 0.00	61.58 0.03 0.00	37.40 -0.03 0.00	31.52 0.03 0.00
BETHLEHEM___GS1 323560	33.67 -0.16 0.00	26.02 -0.16 0.00	24.93 -0.02 0.00	24.32 0.20 0.00	23.72 0.19 0.00	22.55 0.21 0.00	24.36 0.16 0.00	22.48 0.18 0.00	22.93 0.15 0.00	19.16 0.00 0.00	19.46 -0.04 0.00	26.07 -0.14 0.00	33.89 -0.11 0.00	37.39 0.11 0.00	39.82 0.21 0.00	38.21 0.21 0.00	42.46 0.13 0.00	43.65 0.33 0.00	43.41 0.32 0.00	42.82 0.22 0.00	55.68 0.30 0.00	61.58 0.03 0.00	37.40 -0.03 0.00	31.52 0.03 0.00
BETHLEHEM___GS2 323561	33.67 -0.16 0.00	26.02 -0.16 0.00	24.93 -0.02 0.00	24.32 0.20 0.00	23.72 0.19 0.00	22.55 0.21 0.00	24.36 0.16 0.00	22.48 0.18 0.00	22.93 0.15 0.00	19.16 0.00 0.00	19.46 -0.04 0.00	26.07 -0.14 0.00	33.89 -0.11 0.00	37.39 0.11 0.00	39.82 0.21 0.00	38.21 0.21 0.00	42.46 0.13 0.00	43.65 0.33 0.00	43.41 0.32 0.00	42.82 0.22 0.00	55.68 0.30 0.00	61.58 0.03 0.00	37.40 -0.03 0.00	31.52 0.03 0.00
BETHLEHEM___GS3 323562	33.67 -0.16 0.00	26.02 -0.16 0.00	24.93 -0.02 0.00	24.32 0.20 0.00	23.72 0.19 0.00	22.55 0.21 0.00	24.36 0.16 0.00	22.48 0.18 0.00	22.93 0.15 0.00	19.16 0.00 0.00	19.46 -0.04 0.00	26.07 -0.14 0.00	33.89 -0.11 0.00	37.39 0.11 0.00	39.82 0.21 0.00	38.21 0.21 0.00	42.46 0.13 0.00	43.65 0.33 0.00	43.41 0.32 0.00	42.82 0.22 0.00	55.68 0.30 0.00	61.58 0.03 0.00	37.40 -0.03 0.00	31.52 0.03 0.00
BETHLEHEM___STEEL 23779	32.41 -1.42 0.00	25.27 -0.92 0.00	24.00 -0.96 0.00	22.89 -1.22 0.00	22.41 -1.12 0.00	21.19 -1.15 0.00	23.20 -1.00 0.00	21.24 -1.06 0.00	21.81 -0.97 0.00	18.45 -0.71 0.00	19.13 -0.37 0.00	25.82 -0.39 0.00	33.56 -0.44 0.00	36.91 -0.37 0.00	38.97 -0.64 0.00	37.51 -0.49 0.00	42.16 -0.16 0.00	43.44 0.13 0.00	43.76 0.67 0.00	42.96 0.35 0.00	55.79 0.41 0.00	62.23 0.69 0.00	38.22 0.79 0.00	31.95 0.47 0.00
BETHLHEM_115KV_TB1 79974	33.76 -0.07 0.00	26.10 -0.09 0.00	24.99 0.03 0.00	24.34 0.23 0.00	23.75 0.22 0.00	22.57 0.23 0.00	24.38 0.18 0.00	22.50 0.20 0.00	22.95 0.18 0.00	19.20 0.04 0.00	19.50 0.00 0.00	26.15 -0.06 0.00	34.00 0.00 0.00	37.50 0.22 0.00	39.92 0.32 0.00	38.32 0.31 0.00	42.58 0.25 0.00	43.77 0.46 0.00	43.53 0.43 0.00	42.93 0.33 0.00	55.82 0.45 0.00	61.75 0.20 0.00	37.51 0.08 0.00	31.61 0.12 0.00
BETHPAGE_CC_5 323564	35.62 1.78 0.00	29.42 1.32 -1.91	26.12 1.17 0.00	25.13 1.01 0.00	24.48 0.95 0.00	23.23 0.88 0.00	25.05 0.86 0.00	23.22 0.92 0.00	24.43 1.17 -0.49	20.89 1.09 -0.64	20.64 1.14 0.00	30.24 1.75 -2.28	36.96 2.40 -0.56	52.56 3.02 -12.26	42.52 2.91 0.00	40.88 2.87 0.00	45.44 3.11 0.00	46.63 3.32 0.00	45.92 2.83 0.00	44.89 2.29 0.00	58.62 3.25 0.00	64.62 3.08 0.00	39.58 2.15 0.00	33.32 1.83 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	32.53 -1.31 0.00	25.36 -0.83 0.00	24.09 -0.86 0.00	22.98 -1.13 0.00	22.50 -1.03 0.00	21.27 -1.08 0.00	23.29 -0.91 0.00	21.33 -0.97 0.00	21.89 -0.88 0.00	18.53 -0.63 0.00	19.21 -0.29 0.00	25.94 -0.27 0.00	33.73 -0.28 0.00	37.09 -0.19 0.00	39.16 -0.44 0.00	37.71 -0.30 0.00	42.39 0.06 0.00	43.70 0.38 0.00	43.99 0.90 0.00	43.20 0.60 0.00	56.06 0.69 0.00	62.49 0.94 0.00	38.37 0.94 0.00	32.07 0.59 0.00

BINGHAMTON___COGEN 23790	33.61 -0.23 0.00	26.04 -0.14 0.00	24.78 -0.18 0.00	23.89 -0.22 0.00	23.33 -0.20 0.00	22.13 -0.21 0.00	24.01 -0.18 0.00	22.11 -0.19 0.00	22.58 -0.20 0.00	19.03 -0.13 0.00	19.43 -0.08 0.00	26.26 0.05 0.00	34.23 0.22 0.00	37.65 0.36 0.00	39.88 0.27 0.00	38.32 0.31 0.00	42.93 0.60 0.00	44.17 0.85 0.00	44.06 0.97 0.00	43.42 0.82 0.00	56.25 0.88 0.00	62.32 0.77 0.00	37.95 0.52 0.00	31.83 0.34 0.00
BIXINCNT_115KV_LOAD 355685	32.95 -0.88 0.00	25.68 -0.51 0.00	24.38 -0.58 0.00	23.30 -0.82 0.00	22.79 -0.74 0.00	21.57 -0.78 0.00	23.58 -0.61 0.00	21.62 -0.68 0.00	22.18 -0.59 0.00	18.78 -0.38 0.00	19.43 -0.07 0.00	26.29 0.08 0.00	34.22 0.22 0.00	37.63 0.35 0.00	39.66 0.05 0.00	38.16 0.15 0.00	42.97 0.64 0.00	44.32 1.00 0.00	44.57 1.48 0.00	43.75 1.14 0.00	56.74 1.37 0.00	63.09 1.54 0.00	38.70 1.27 0.00	32.32 0.84 0.00
BLACK RIVER___HYD 24047	33.93 0.10 0.00	26.21 0.02 0.00	24.82 -0.13 0.00	24.05 -0.06 0.00	23.47 -0.06 0.00	22.29 -0.05 0.00	24.19 0.00 0.00	22.25 -0.06 0.00	22.54 -0.24 0.00	18.79 -0.37 0.00	19.03 -0.48 0.00	25.48 -0.72 0.00	33.10 -0.90 0.00	36.50 -0.79 0.00	38.73 -0.89 0.00	37.18 -0.82 0.00	41.70 -0.63 0.00	43.05 -0.26 0.00	43.61 0.51 0.00	43.63 1.03 0.00	57.00 1.63 0.00	62.99 1.44 0.00	38.18 0.75 0.00	31.88 0.39 0.00
BLACKRVR_115KV_TB2 79977	33.93 0.10 0.00	26.21 0.02 0.00	24.82 -0.13 0.00	24.05 -0.06 0.00	23.47 -0.06 0.00	22.29 -0.05 0.00	24.19 0.00 0.00	22.25 -0.06 0.00	22.54 -0.24 0.00	18.79 -0.37 0.00	19.03 -0.48 0.00	25.48 -0.72 0.00	33.10 -0.90 0.00	36.50 -0.79 0.00	38.72 -0.89 0.00	37.18 -0.82 0.00	41.70 -0.63 0.00	43.05 -0.26 0.00	43.60 0.51 0.00	43.63 1.03 0.00	57.00 1.63 0.00	62.98 1.44 0.00	38.18 0.75 0.00	31.88 0.39 0.00
BLISS_WT_PWR 323608	32.95 -0.88 0.00	25.68 -0.51 0.00	24.38 -0.58 0.00	23.30 -0.82 0.00	22.79 -0.74 0.00	21.57 -0.78 0.00	23.58 -0.61 0.00	21.62 -0.68 0.00	22.18 -0.59 0.00	18.78 -0.38 0.00	19.44 -0.06 0.00	26.30 0.09 0.00	34.24 0.24 0.00	37.64 0.35 0.00	39.68 0.07 0.00	38.17 0.16 0.00	42.97 0.64 0.00	44.33 1.02 0.00	44.58 1.48 0.00	43.77 1.16 0.00	56.75 1.38 0.00	63.11 1.57 0.00	38.70 1.27 0.00	32.32 0.84 0.00
BLUESTONE___WT_PWR 323821	34.95 1.12 0.00	27.01 0.82 0.00	25.68 0.73 0.00	24.77 0.65 0.00	24.17 0.64 0.00	22.95 0.61 0.00	24.89 0.70 0.00	22.95 0.65 0.00	23.40 0.63 0.00	19.68 0.52 0.00	20.04 0.53 0.00	27.06 0.85 0.00	35.26 1.26 0.00	38.87 1.59 0.00	41.18 1.57 0.00	39.65 1.65 0.00	44.49 2.16 0.00	46.03 2.72 0.00	46.08 2.99 0.00	45.48 2.87 0.00	58.82 3.44 0.00	64.98 3.43 0.00	39.36 1.93 0.00	33.04 1.55 0.00
BLUE_CIRC_CHEM_DRP 24182	34.23 0.40 0.00	26.46 0.28 0.00	25.33 0.38 0.00	24.63 0.51 0.00	24.04 0.51 0.00	22.84 0.50 0.00	24.69 0.49 0.00	22.76 0.46 0.00	23.18 0.41 0.00	19.39 0.23 0.00	19.66 0.15 0.00	26.36 0.15 0.00	34.24 0.23 0.00	37.75 0.46 0.00	40.19 0.58 0.00	38.60 0.59 0.00	42.95 0.62 0.00	44.14 0.83 0.00	43.99 0.89 0.00	43.43 0.83 0.00	56.48 1.11 0.00	62.53 0.98 0.00	38.00 0.57 0.00	32.00 0.51 0.00
BOC_GAS_DRP 24189	33.99 0.16 0.00	26.28 0.09 0.00	25.11 0.15 0.00	24.37 0.25 0.00	23.78 0.24 0.00	22.59 0.25 0.00	24.41 0.22 0.00	22.52 0.22 0.00	22.99 0.21 0.00	19.30 0.14 0.00	19.61 0.11 0.00	26.37 0.16 0.00	34.28 0.28 0.00	37.78 0.50 0.00	40.18 0.57 0.00	38.56 0.55 0.00	42.86 0.53 0.00	44.03 0.72 0.00	43.76 0.67 0.00	43.16 0.55 0.00	56.14 0.76 0.00	62.13 0.58 0.00	37.77 0.34 0.00	31.83 0.34 0.00
BOONVILLE_115KV_TB1 79983	34.32 0.49 0.00	26.53 0.34 0.00	25.24 0.28 0.00	24.40 0.28 0.00	23.81 0.28 0.00	22.61 0.27 0.00	24.51 0.31 0.00	22.58 0.28 0.00	22.96 0.19 0.00	19.26 0.10 0.00	19.55 0.05 0.00	26.26 0.05 0.00	34.12 0.12 0.00	37.54 0.26 0.00	39.93 0.32 0.00	38.37 0.36 0.00	42.87 0.54 0.00	44.15 0.83 0.00	44.29 1.20 0.00	43.96 1.36 0.00	57.22 1.85 0.00	63.36 1.81 0.00	38.40 0.96 0.00	32.17 0.68 0.00
BORALEX_4TH_BRANCH 23824	34.97 1.14 0.00	27.09 0.91 0.00	26.00 1.05 0.00	25.22 1.10 0.00	24.62 1.08 0.00	23.39 1.05 0.00	25.22 1.03 0.00	23.08 0.77 0.00	23.54 0.77 0.00	19.72 0.56 0.00	19.98 0.48 0.00	26.89 0.68 0.00	34.87 0.87 0.00	38.43 1.14 0.00	40.99 1.38 0.00	39.22 1.21 0.00	43.28 0.95 0.00	44.56 1.24 0.00	44.44 1.35 0.00	43.98 1.37 0.00	57.12 1.74 0.00	63.33 1.78 0.00	38.50 1.07 0.00	32.61 1.13 0.00
BOWLINE___1 23526	34.80 0.97 0.00	26.84 0.65 0.00	25.52 0.56 0.00	24.61 0.50 0.00	23.99 0.46 0.00	22.78 0.44 0.00	24.62 0.42 0.00	22.79 0.49 0.00	23.36 0.59 0.00	19.78 0.61 0.00	20.15 0.65 0.00	27.33 1.12 0.00	35.65 1.65 0.00	39.48 2.19 0.00	41.84 2.23 0.00	40.17 2.16 0.00	44.78 2.45 0.00	46.10 2.78 0.00	45.61 2.52 0.00	44.78 2.18 0.00	58.24 2.86 0.00	64.26 2.71 0.00	39.03 1.60 0.00	32.83 1.35 0.00
BOWLINE___2 23595	34.80 0.97 0.00	26.84 0.65 0.00	25.52 0.56 0.00	24.61 0.50 0.00	23.99 0.46 0.00	22.78 0.44 0.00	24.62 0.42 0.00	22.79 0.50 0.00	23.36 0.59 0.00	19.78 0.61 0.00	20.15 0.65 0.00	27.33 1.12 0.00	35.65 1.65 0.00	39.48 2.19 0.00	41.84 2.23 0.00	40.17 2.16 0.00	44.79 2.46 0.00	46.10 2.78 0.00	45.61 2.52 0.00	44.78 2.18 0.00	58.24 2.86 0.00	64.26 2.71 0.00	39.03 1.61 0.00	32.83 1.35 0.00
BRADY___115KV_TB2 356060	34.73 0.90 0.00	26.93 0.74 0.00	25.65 0.69 0.00	24.72 0.60 0.00	24.10 0.57 0.00	22.85 0.51 0.00	24.80 0.60 0.00	22.85 0.55 0.00	23.22 0.44 0.00	19.50 0.34 0.00	19.87 0.36 0.00	26.64 0.43 0.00	34.36 0.36 0.00	37.45 0.17 0.00	39.83 0.22 0.00	38.08 0.07 0.00	42.29 -0.04 0.00	42.56 -0.76 0.00	42.62 -0.48 0.00	43.04 0.44 0.00	56.08 0.70 0.00	62.47 0.92 0.00	37.93 0.49 0.00	31.87 0.39 0.00
BRANSCOMB___SOLAR 323811	35.38 1.55 0.00	27.30 1.12 0.00	26.07 1.11 0.00	25.27 1.15 0.00	24.60 1.06 0.00	23.37 1.03 0.00	25.27 1.07 0.00	23.20 0.90 0.00	23.69 0.92 0.00	19.82 0.66 0.00	20.05 0.55 0.00	26.96 0.75 0.00	35.06 1.06 0.00	38.70 1.42 0.00	41.40 1.79 0.00	39.77 1.76 0.00	44.33 2.00 0.00	45.77 2.46 0.00	45.74 2.65 0.00	45.17 2.56 0.00	58.68 3.31 0.00	64.73 3.19 0.00	39.38 1.95 0.00	33.17 1.69 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	35.91 2.08 0.00	29.65 1.55 -1.90	26.35 1.40 0.00	25.32 1.21 0.00	24.67 1.14 0.00	23.41 1.07 0.00	25.26 1.06 0.00	23.41 1.11 0.00	24.68 1.42 -0.49	21.04 1.25 -0.63	20.77 1.27 0.00	30.44 1.95 -2.28	37.24 2.68 -0.56	52.89 3.35 -12.26	42.91 3.30 0.00	41.30 3.29 0.00	45.84 3.51 0.00	47.02 3.70 0.00	46.22 3.13 0.00	45.17 2.56 0.00	59.11 3.73 0.00	65.16 3.62 0.00	39.77 2.34 0.00	33.49 2.01 0.00



BRISTLHL_115KV_TB1 79998	33.15 -0.68 0.00	25.67 -0.52 0.00	24.43 -0.53 0.00	23.57 -0.54 0.00	23.02 -0.51 0.00	21.85 -0.49 0.00	23.68 -0.51 0.00	21.82 -0.48 0.00	22.28 -0.49 0.00	18.72 -0.44 0.00	19.03 -0.48 0.00	25.51 -0.70 0.00	33.16 -0.84 0.00	36.48 -0.80 0.00	38.77 -0.84 0.00	37.26 -0.74 0.00	41.64 -0.69 0.00	42.80 -0.52 0.00	42.78 -0.31 0.00	42.24 -0.37 0.00	54.84 -0.53 0.00	60.85 -0.69 0.00	37.00 -0.43 0.00	31.06 -0.42 0.00
BROOKHAVEN___DRP 24191	35.51 1.68 0.00	29.39 1.30 -1.90	26.10 1.15 0.00	25.07 0.96 0.00	24.44 0.91 0.00	23.20 0.85 0.00	25.01 0.82 0.00	23.21 0.91 0.00	24.57 1.31 -0.49	20.88 1.08 -0.63	20.59 1.09 0.00	30.12 1.63 -2.28	36.88 2.32 -0.56	52.57 3.03 -12.26	42.59 2.98 0.00	41.00 2.99 0.00	45.65 3.32 0.00	46.77 3.45 0.00	45.95 2.86 0.00	44.88 2.27 0.00	58.78 3.41 0.00	64.59 3.05 0.00	39.28 1.85 0.00	33.05 1.56 0.00
BROOKLYN_NAVY_YARD 23515	35.11 1.28 0.00	27.08 0.89 0.00	25.73 0.78 0.00	24.82 0.70 0.00	24.21 0.67 0.00	22.97 0.63 0.00	24.79 0.60 0.00	23.00 0.70 0.00	23.57 0.80 0.00	20.01 0.85 0.00	20.37 0.87 0.00	27.62 1.42 0.00	36.03 2.03 0.00	39.89 2.61 0.00	42.23 2.62 0.00	40.61 2.60 0.00	45.24 2.90 0.00	46.54 3.23 0.00	45.97 2.88 0.00	45.12 2.51 0.00	58.65 3.28 0.00	64.78 3.23 0.00	39.38 1.95 0.00	33.15 1.67 0.00
BROOKLYN___ARMY_DRP 323595	35.38 1.55 0.00	27.30 1.12 0.00	25.94 0.98 0.00	25.01 0.90 0.00	24.38 0.85 0.00	23.15 0.80 0.00	24.99 0.80 0.00	23.18 0.87 -0.01	23.76 0.98 0.00	20.16 0.99 0.00	20.53 1.02 0.00	27.86 1.65 0.00	36.35 2.34 0.00	40.20 2.91 -0.01	42.53 2.92 0.00	40.96 2.95 0.00	45.57 3.24 0.00	46.86 3.55 0.00	46.32 3.23 0.00	45.42 2.82 0.00	59.08 3.71 0.00	65.22 3.68 0.00	39.72 2.29 0.00	200.34 1.92 -166.93
BROOKVLE_69_KV_TB1 55790	35.79 1.96 0.00	29.52 1.43 -1.90	26.22 1.27 0.00	25.23 1.11 0.00	24.58 1.04 0.00	23.31 0.97 0.00	25.15 0.96 0.00	23.30 1.00 0.00	24.50 1.24 -0.49	20.97 1.18 -0.63	20.77 1.27 0.00	30.47 1.98 -2.28	37.32 2.76 -0.56	52.99 3.45 -12.26	43.04 3.43 0.00	41.42 3.41 0.00	45.91 3.58 0.00	47.12 3.81 0.00	46.44 3.34 0.00	45.38 2.77 0.00	59.18 3.81 0.00	65.22 3.67 0.00	40.01 2.58 0.00	33.63 2.14 0.00
BROOME_2_LFGE 323671	33.61 -0.22 0.00	26.05 -0.14 0.00	24.78 -0.18 0.00	23.89 -0.22 0.00	23.33 -0.20 0.00	22.13 -0.21 0.00	24.01 -0.19 0.00	22.11 -0.19 0.00	22.58 -0.20 0.00	19.03 -0.13 0.00	19.43 -0.08 0.00	26.26 0.06 0.00	34.23 0.23 0.00	37.65 0.36 0.00	39.87 0.27 0.00	38.32 0.31 0.00	42.93 0.60 0.00	44.17 0.85 0.00	44.06 0.97 0.00	43.43 0.83 0.00	56.25 0.88 0.00	62.33 0.78 0.00	37.95 0.52 0.00	31.83 0.34 0.00
BROOME___LFGE 323600	33.61 -0.22 0.00	26.05 -0.14 0.00	24.78 -0.18 0.00	23.89 -0.22 0.00	23.33 -0.20 0.00	22.13 -0.21 0.00	24.01 -0.19 0.00	22.11 -0.19 0.00	22.58 -0.20 0.00	19.03 -0.13 0.00	19.43 -0.08 0.00	26.26 0.06 0.00	34.23 0.23 0.00	37.65 0.36 0.00	39.87 0.27 0.00	38.32 0.31 0.00	42.93 0.60 0.00	44.17 0.85 0.00	44.06 0.97 0.00	43.43 0.83 0.00	56.25 0.88 0.00	62.33 0.78 0.00	37.95 0.52 0.00	31.83 0.34 0.00
BROWNFLS_115KV_TB_3_5 80003	34.02 0.19 0.00	26.34 0.15 0.00	25.13 0.17 0.00	24.17 0.06 0.00	23.56 0.03 0.00	22.34 0.00 0.00	24.24 0.05 0.00	22.33 0.03 0.00	22.69 -0.09 0.00	19.01 -0.15 0.00	19.32 -0.19 0.00	25.89 -0.32 0.00	33.48 -0.53 0.00	36.73 -0.56 0.00	39.17 -0.44 0.00	37.49 -0.52 0.00	41.79 -0.54 0.00	42.50 -0.82 0.00	42.76 -0.34 0.00	42.92 0.32 0.00	55.97 0.59 0.00	62.08 0.53 0.00	37.62 0.19 0.00	31.53 0.04 0.00
BROWNSV1_27_KV_LOAD 356125	35.53 1.70 0.00	27.37 1.18 0.00	26.01 1.05 0.00	25.07 0.96 0.00	24.42 0.88 0.00	23.18 0.84 0.00	25.03 0.84 0.00	23.19 0.89 0.00	23.79 1.02 0.00	20.20 1.04 0.00	20.58 1.08 0.00	27.94 1.73 0.00	36.46 2.45 0.00	40.35 3.07 0.00	42.73 3.12 0.00	41.09 3.08 0.00	45.79 3.46 0.00	47.10 3.78 0.00	46.52 3.43 0.00	45.64 3.03 0.00	59.41 4.04 0.00	65.58 4.03 0.00	39.87 2.44 0.00	33.54 2.05 0.00
BURROWS___LYONSDAL 23803	34.25 0.42 0.00	26.47 0.28 0.00	25.17 0.22 0.00	24.33 0.22 0.00	23.75 0.21 0.00	22.54 0.20 0.00	24.45 0.25 0.00	22.52 0.22 0.00	22.89 0.12 0.00	19.18 0.02 0.00	19.47 -0.04 0.00	26.13 -0.08 0.00	33.94 -0.07 0.00	37.34 0.05 0.00	39.71 0.10 0.00	38.16 0.15 0.00	42.65 0.32 0.00	43.90 0.59 0.00	44.11 1.02 0.00	43.86 1.25 0.00	57.13 1.75 0.00	63.23 1.68 0.00	38.32 0.89 0.00	32.09 0.61 0.00
CAITHNESS_CC_1 323624	35.49 1.66 0.00	29.37 1.28 -1.91	26.09 1.14 0.00	25.06 0.95 0.00	24.44 0.90 0.00	23.18 0.84 0.00	25.00 0.80 0.00	23.20 0.89 0.00	24.54 1.27 -0.49	20.87 1.07 -0.64	20.57 1.07 0.00	30.10 1.61 -2.28	36.83 2.26 -0.56	52.51 2.96 -12.26	42.52 2.91 0.00	40.92 2.92 0.00	45.56 3.23 0.00	46.67 3.36 0.00	45.86 2.77 0.00	44.79 2.18 0.00	58.67 3.29 0.00	64.51 2.97 0.00	39.25 1.82 0.00	33.03 1.54 0.00
CALPINE BETH_PAGE_GT4 24209	35.65 1.82 0.00	29.45 1.35 -1.90	26.15 1.20 0.00	25.16 1.04 0.00	24.51 0.97 0.00	23.26 0.92 0.00	25.09 0.89 0.00	23.25 0.95 0.00	24.46 1.19 -0.49	20.91 1.12 -0.63	20.68 1.18 0.00	30.30 1.81 -2.28	37.01 2.45 -0.56	52.62 3.08 -12.26	42.59 2.98 0.00	40.88 2.87 0.00	45.44 3.11 0.00	46.64 3.33 0.00	45.93 2.84 0.00	44.91 2.31 0.00	58.62 3.25 0.00	64.64 3.09 0.00	39.65 2.22 0.00	33.36 1.87 0.00
CALPINE_BETH_PAGE_GT_4 323586	35.65 1.82 0.00	29.45 1.35 -1.91	26.15 1.20 0.00	25.16 1.04 0.00	24.51 0.97 0.00	23.26 0.91 0.00	25.08 0.89 0.00	23.25 0.95 0.00	24.46 1.19 -0.49	20.91 1.12 -0.64	20.68 1.18 0.00	30.30 1.81 -2.28	37.01 2.45 -0.56	52.62 3.08 -12.26	42.59 2.98 0.00	40.89 2.88 0.00	45.44 3.11 0.00	46.64 3.33 0.00	45.93 2.84 0.00	44.91 2.31 0.00	58.62 3.25 0.00	64.64 3.09 0.00	39.65 2.22 0.00	33.36 1.87 0.00
CALPINE_BP_GT1 23823	35.65 1.82 0.00	29.45 1.35 -1.91	26.15 1.20 0.00	25.16 1.04 0.00	24.51 0.97 0.00	23.26 0.91 0.00	25.08 0.89 0.00	23.25 0.95 0.00	24.46 1.19 -0.49	20.91 1.12 -0.64	20.68 1.18 0.00	30.30 1.81 -2.28	37.01 2.45 -0.56	52.62 3.08 -12.26	42.59 2.98 0.00	40.89 2.88 0.00	45.44 3.11 0.00	46.64 3.33 0.00	45.93 2.84 0.00	44.91 2.31 0.00	58.62 3.25 0.00	64.64 3.09 0.00	39.65 2.22 0.00	33.36 1.87 0.00
CALSPAN___DRP 24200	32.41 -1.42 0.00	25.27 -0.92 0.00	24.00 -0.96 0.00	22.89 -1.22 0.00	22.41 -1.12 0.00	21.19 -1.15 0.00	23.20 -1.00 0.00	21.24 -1.06 0.00	21.81 -0.97 0.00	18.45 -0.71 0.00	19.13 -0.37 0.00	25.82 -0.39 0.00	33.56 -0.44 0.00	36.91 -0.37 0.00	38.97 -0.64 0.00	37.51 -0.49 0.00	42.16 -0.16 0.00	43.44 0.13 0.00	43.76 0.67 0.00	42.96 0.35 0.00	55.79 0.41 0.00	62.23 0.69 0.00	38.22 0.79 0.00	31.95 0.47 0.00

CALVERTON___SOLAR 323806	35.58 1.75 0.00	29.44 1.34 -1.91	26.15 1.20 0.00	25.12 1.00 0.00	24.48 0.95 0.00	23.23 0.88 0.00	25.05 0.86 0.00	23.25 0.95 0.00	24.64 1.38 -0.49	20.94 1.14 -0.64	20.64 1.14 0.00	30.21 1.72 -2.28	37.00 2.43 -0.56	52.73 3.19 -12.26	42.76 3.15 0.00	41.16 3.15 0.00	45.84 3.51 0.00	46.97 3.65 0.00	46.13 3.04 0.00	45.04 2.43 0.00	58.98 3.61 0.00	64.80 3.25 0.00	39.38 1.95 0.00	33.09 1.61 0.00
CANDIGU_WT_PWR 323617	32.93 -0.90 0.00	25.62 -0.57 0.00	24.34 -0.62 0.00	23.34 -0.77 0.00	22.83 -0.70 0.00	21.62 -0.73 0.00	23.55 -0.64 0.00	21.64 -0.66 0.00	22.13 -0.65 0.00	18.67 -0.49 0.00	19.20 -0.30 0.00	26.04 -0.17 0.00	33.94 -0.07 0.00	37.26 -0.02 0.00	39.37 -0.24 0.00	37.85 -0.16 0.00	42.60 0.27 0.00	43.89 0.58 0.00	43.99 0.90 0.00	43.29 0.68 0.00	56.04 0.67 0.00	62.22 0.68 0.00	38.07 0.64 0.00	31.85 0.36 0.00
CARR STREET_E_SYR 24060	33.43 -0.40 0.00	25.88 -0.31 0.00	24.64 -0.32 0.00	23.76 -0.35 0.00	23.21 -0.33 0.00	22.02 -0.32 0.00	23.88 -0.32 0.00	21.99 -0.30 0.00	22.46 -0.31 0.00	18.89 -0.27 0.00	19.23 -0.28 0.00	25.83 -0.38 0.00	33.59 -0.41 0.00	36.97 -0.31 0.00	39.26 -0.34 0.00	37.74 -0.27 0.00	42.11 -0.23 0.00	43.30 -0.02 0.00	43.23 0.13 0.00	42.63 0.02 0.00	55.31 -0.07 0.00	61.38 -0.16 0.00	37.40 -0.03 0.00	31.40 -0.09 0.00
CARTHAGE___PAPER 23857	34.18 0.35 0.00	26.42 0.23 0.00	25.07 0.12 0.00	24.25 0.14 0.00	23.68 0.14 0.00	22.48 0.13 0.00	24.39 0.19 0.00	22.43 0.13 0.00	22.73 -0.04 0.00	18.95 -0.21 0.00	19.19 -0.31 0.00	25.69 -0.52 0.00	33.34 -0.66 0.00	36.71 -0.57 0.00	39.01 -0.60 0.00	37.46 -0.55 0.00	41.96 -0.37 0.00	43.25 -0.06 0.00	43.81 0.72 0.00	43.89 1.28 0.00	57.29 1.92 0.00	63.36 1.81 0.00	38.38 0.95 0.00	32.05 0.56 0.00
CASSADAGA_WT_PWR 323784	33.22 -0.61 0.00	25.86 -0.33 0.00	24.55 -0.41 0.00	23.44 -0.68 0.00	22.94 -0.60 0.00	21.69 -0.65 0.00	23.73 -0.47 0.00	21.75 -0.54 0.00	22.32 -0.45 0.00	18.90 -0.26 0.00	19.56 0.06 0.00	26.57 0.36 0.00	34.65 0.65 0.00	38.08 0.79 0.00	40.14 0.53 0.00	38.61 0.60 0.00	43.55 1.22 0.00	44.95 1.63 0.00	45.27 2.18 0.00	44.51 1.90 0.00	57.63 2.25 0.00	64.03 2.49 0.00	39.23 1.80 0.00	32.71 1.22 0.00
CE_DUNWOOD___DRP 24194	35.00 1.17 0.00	26.99 0.81 0.00	25.67 0.71 0.00	24.76 0.64 0.00	24.14 0.61 0.00	22.92 0.58 0.00	24.75 0.56 0.00	22.92 0.62 0.00	23.50 0.72 0.00	19.90 0.74 0.00	20.27 0.77 0.00	27.48 1.27 0.00	35.83 1.83 0.00	39.66 2.38 0.00	42.03 2.42 0.00	40.38 2.37 0.00	44.99 2.66 0.00	46.30 2.98 0.00	45.78 2.69 0.00	44.93 2.33 0.00	58.43 3.06 0.00	64.49 2.95 0.00	39.21 1.78 0.00	33.00 1.51 0.00
CE_MILLWOOD___DRP 24193	34.93 1.10 0.00	26.94 0.75 0.00	25.62 0.66 0.00	24.71 0.60 0.00	24.10 0.56 0.00	22.88 0.54 0.00	24.72 0.52 0.00	22.89 0.58 0.00	23.45 0.68 0.00	19.86 0.70 0.00	20.22 0.72 0.00	27.41 1.20 0.00	35.75 1.75 0.00	39.57 2.28 0.00	41.93 2.32 0.00	40.29 2.29 0.00	44.89 2.56 0.00	46.21 2.90 0.00	45.70 2.61 0.00	44.86 2.25 0.00	58.34 2.96 0.00	64.39 2.84 0.00	39.14 1.71 0.00	32.93 1.44 0.00
CE_NYC2_DRP 24202	35.20 1.36 0.00	27.16 0.97 0.00	25.81 0.86 0.00	24.90 0.79 0.00	24.27 0.74 0.00	23.06 0.72 0.00	24.87 0.68 0.00	23.08 0.77 -0.01	23.66 0.88 0.00	20.08 0.92 0.00	20.46 0.95 0.00	27.72 1.52 0.00	36.17 2.17 0.00	40.02 2.73 0.00	42.35 2.74 0.00	40.74 2.73 0.00	45.37 3.04 0.00	46.67 3.36 0.00	46.12 3.03 0.00	45.23 2.63 0.00	58.84 3.46 0.00	64.94 3.39 0.00	39.53 2.10 0.00	33.25 1.77 0.00
CE_NYC_DRP 24195	35.16 1.33 0.00	27.11 0.93 0.00	25.77 0.82 0.00	24.85 0.74 0.00	24.23 0.69 0.00	23.00 0.66 0.00	24.82 0.63 0.00	23.01 0.71 0.00	23.60 0.82 0.00	20.03 0.87 0.00	20.39 0.89 0.00	27.66 1.45 0.00	36.08 2.08 0.00	39.94 2.65 0.00	42.27 2.66 0.00	40.65 2.64 0.00	45.28 2.95 0.00	46.59 3.27 0.00	46.02 2.92 0.00	45.14 2.53 0.00	58.71 3.34 0.00	64.83 3.28 0.00	39.42 1.98 0.00	33.18 1.70 0.00
CHAFFEE___LFGE 323603	32.56 -1.27 0.00	25.39 -0.80 0.00	24.12 -0.84 0.00	23.00 -1.11 0.00	22.52 -1.02 0.00	21.29 -1.05 0.00	23.30 -0.90 0.00	21.34 -0.96 0.00	21.91 -0.87 0.00	18.54 -0.63 0.00	19.22 -0.28 0.00	25.96 -0.24 0.00	33.76 -0.24 0.00	37.12 -0.16 0.00	39.18 -0.43 0.00	37.73 -0.28 0.00	42.44 0.11 0.00	43.75 0.44 0.00	44.07 0.98 0.00	43.26 0.66 0.00	56.16 0.79 0.00	62.64 1.09 0.00	38.43 1.00 0.00	32.12 0.64 0.00
CHATEAUG_35_KV_LOAD 355732	34.44 0.61 0.00	26.73 0.54 0.00	25.49 0.53 0.00	24.60 0.48 0.00	24.01 0.47 0.00	22.80 0.45 0.00	24.76 0.57 0.00	22.88 0.57 0.00	23.27 0.49 0.00	19.55 0.38 0.00	20.01 0.51 0.00	26.91 0.70 0.00	34.72 0.71 0.00	37.98 0.70 0.00	40.44 0.83 0.00	38.51 0.50 0.00	42.86 0.53 0.00	43.68 0.37 0.00	43.60 0.51 0.00	43.40 0.80 0.00	56.51 1.14 0.00	62.83 1.29 0.00	38.28 0.84 0.00	32.06 0.57 0.00
CHATEAUG_WT_PWR 323614	34.36 0.53 0.00	26.66 0.47 0.00	25.42 0.47 0.00	24.54 0.42 0.00	23.95 0.42 0.00	22.75 0.41 0.00	24.70 0.51 0.00	22.82 0.53 0.00	23.21 0.44 0.00	19.53 0.37 0.00	20.00 0.49 0.00	26.89 0.68 0.00	34.71 0.70 0.00	37.99 0.70 0.00	40.41 0.80 0.00	38.53 0.52 0.00	42.84 0.51 0.00	43.68 0.36 0.00	43.54 0.45 0.00	43.32 0.71 0.00	56.36 0.99 0.00	62.67 1.12 0.00	38.18 0.75 0.00	32.00 0.51 0.00
CHAT_HIGH_FALL_HYD 323578	34.44 0.61 0.00	26.73 0.54 0.00	25.49 0.53 0.00	24.60 0.48 0.00	24.01 0.47 0.00	22.80 0.45 0.00	24.76 0.57 0.00	22.88 0.57 0.00	23.27 0.49 0.00	19.55 0.38 0.00	20.01 0.51 0.00	26.91 0.70 0.00	34.72 0.71 0.00	37.98 0.70 0.00	40.44 0.83 0.00	38.51 0.50 0.00	42.86 0.53 0.00	43.68 0.37 0.00	43.60 0.51 0.00	43.40 0.80 0.00	56.51 1.14 0.00	62.83 1.29 0.00	38.28 0.84 0.00	32.06 0.57 0.00
CHAUTAUQUA___LFGE 323629	32.78 -1.05 0.00	25.54 -0.65 0.00	24.25 -0.71 0.00	23.15 -0.96 0.00	22.66 -0.87 0.00	21.43 -0.92 0.00	23.44 -0.76 0.00	21.49 -0.82 0.00	22.02 -0.76 0.00	18.63 -0.53 0.00	19.28 -0.23 0.00	26.18 -0.03 0.00	34.12 0.12 0.00	37.50 0.22 0.00	39.54 -0.07 0.00	38.01 0.00 0.00	42.84 0.51 0.00	44.17 0.85 0.00	44.48 1.39 0.00	43.76 1.15 0.00	56.69 1.32 0.00	63.07 1.53 0.00	38.67 1.24 0.00	32.27 0.78 0.00
CHERRYST_13_KV_LD 356241	35.25 1.42 0.00	27.19 1.00 0.00	25.84 0.88 0.00	24.92 0.81 0.00	24.29 0.75 0.00	23.05 0.71 0.00	24.89 0.70 0.00	23.08 0.78 0.00	23.66 0.89 0.00	20.09 0.92 0.00	20.46 0.96 0.00	27.76 1.55 0.00	36.20 2.20 0.00	40.07 2.79 0.00	42.41 2.81 0.00	40.79 2.78 0.00	45.43 3.10 0.00	46.75 3.43 0.00	46.18 3.08 0.00	45.29 2.69 0.00	58.90 3.53 0.00	65.03 3.48 0.00	39.54 2.11 0.00	33.27 1.79 0.00

CHESTROR_138KV_BK263 355645	34.65 0.81 0.00	26.73 0.54 0.00	25.42 0.47 0.00	24.54 0.42 0.00	23.92 0.39 0.00	22.71 0.37 0.00	24.55 0.36 0.00	22.71 0.41 0.00	23.27 0.49 0.00	19.66 0.50 0.00	20.02 0.52 0.00	27.12 0.91 0.00	35.36 1.36 0.00	39.12 1.83 0.00	41.49 1.88 0.00	39.85 1.84 0.00	44.45 2.12 0.00	45.76 2.44 0.00	45.33 2.24 0.00	44.56 1.95 0.00	57.92 2.55 0.00	63.94 2.40 0.00	38.83 1.40 0.00	32.66 1.17 0.00
CH_MIDHUDSON___DRP 24192	34.87 1.04 0.00	26.89 0.70 0.00	25.58 0.63 0.00	24.70 0.58 0.00	24.09 0.56 0.00	22.88 0.54 0.00	24.72 0.53 0.00	22.87 0.57 0.00	23.44 0.67 0.00	19.81 0.65 0.00	20.17 0.67 0.00	27.31 1.10 0.00	35.61 1.61 0.00	39.41 2.13 0.00	41.84 2.23 0.00	40.21 2.20 0.00	44.78 2.45 0.00	46.13 2.82 0.00	45.72 2.62 0.00	44.88 2.28 0.00	58.34 2.97 0.00	64.35 2.81 0.00	39.08 1.65 0.00	32.89 1.41 0.00
CH_MISC_IPPS 23765	35.06 1.23 0.00	27.04 0.85 0.00	25.70 0.75 0.00	24.81 0.69 0.00	24.19 0.65 0.00	22.97 0.63 0.00	24.83 0.63 0.00	22.97 0.67 0.00	23.55 0.78 0.00	19.91 0.75 0.00	20.28 0.78 0.00	27.48 1.27 0.00	35.86 1.86 0.00	39.72 2.43 0.00	42.16 2.55 0.00	40.55 2.54 0.00	45.21 2.88 0.00	46.58 3.27 0.00	46.16 3.07 0.00	45.32 2.71 0.00	58.87 3.50 0.00	64.93 3.38 0.00	39.40 1.97 0.00	33.13 1.65 0.00
CH_RES_BVR_FALLS 23983	33.91 0.08 0.00	26.27 0.08 0.00	25.01 0.06 0.00	24.17 0.06 0.00	23.59 0.06 0.00	22.39 0.05 0.00	24.27 0.07 0.00	22.37 0.07 0.00	22.84 0.06 0.00	19.21 0.05 0.00	19.58 0.08 0.00	26.29 0.08 0.00	34.03 0.02 0.00	37.19 -0.10 0.00	39.51 -0.10 0.00	37.86 -0.15 0.00	42.11 -0.21 0.00	42.88 -0.44 0.00	42.67 -0.42 0.00	42.35 -0.25 0.00	55.05 -0.32 0.00	61.29 -0.26 0.00	37.28 -0.15 0.00	31.36 -0.12 0.00
CH_RES_NIAGARA 23895	31.33 -2.51 0.00	24.46 -1.73 0.00	23.25 -1.71 0.00	22.16 -1.95 0.00	21.71 -1.82 0.00	20.50 -1.84 0.00	22.48 -1.72 0.00	20.57 -1.73 0.00	21.14 -1.64 0.00	17.88 -1.28 0.00	18.56 -0.94 0.00	24.94 -1.27 0.00	32.29 -1.71 0.00	35.48 -1.80 0.00	37.42 -2.19 0.00	36.03 -1.98 0.00	40.36 -1.98 0.00	41.56 -1.76 0.00	41.93 -1.17 0.00	41.16 -1.44 0.00	53.53 -1.84 0.00	59.97 -1.57 0.00	36.97 -0.46 0.00	30.95 -0.53 0.00
CH_RES_SYRACUSE 23985	33.65 -0.19 0.00	26.05 -0.14 0.00	24.79 -0.17 0.00	23.91 -0.20 0.00	23.35 -0.18 0.00	22.17 -0.18 0.00	24.03 -0.16 0.00	22.13 -0.17 0.00	22.59 -0.18 0.00	18.99 -0.17 0.00	19.32 -0.18 0.00	25.96 -0.25 0.00	33.78 -0.23 0.00	37.19 -0.09 0.00	39.49 -0.12 0.00	37.98 -0.02 0.00	42.47 0.14 0.00	43.68 0.36 0.00	43.60 0.51 0.00	43.04 0.43 0.00	55.83 0.45 0.00	61.92 0.37 0.00	37.62 0.19 0.00	31.59 0.10 0.00
CLINTON_WT_PWR 323605	34.36 0.53 0.00	26.66 0.47 0.00	25.42 0.47 0.00	24.54 0.42 0.00	23.95 0.42 0.00	22.75 0.41 0.00	24.70 0.51 0.00	22.82 0.53 0.00	23.21 0.44 0.00	19.53 0.37 0.00	20.00 0.49 0.00	26.89 0.68 0.00	34.71 0.70 0.00	37.99 0.70 0.00	40.41 0.80 0.00	38.53 0.52 0.00	42.84 0.51 0.00	43.68 0.36 0.00	43.54 0.45 0.00	43.32 0.71 0.00	56.36 0.99 0.00	62.67 1.12 0.00	38.18 0.75 0.00	32.00 0.51 0.00
CLINTON___LFGE 323618	35.04 1.21 0.00	27.16 0.97 0.00	25.89 0.94 0.00	25.02 0.91 0.00	24.42 0.89 0.00	23.20 0.85 0.00	25.20 1.00 0.00	23.27 0.97 0.00	23.66 0.89 0.00	19.93 0.77 0.00	20.34 0.84 0.00	27.41 1.20 0.00	35.38 1.38 0.00	38.85 1.57 0.00	41.46 1.86 0.00	39.40 1.39 0.00	43.89 1.56 0.00	44.96 1.65 0.00	44.77 1.68 0.00	44.49 1.88 0.00	57.95 2.58 0.00	64.24 2.69 0.00	39.23 1.80 0.00	32.87 1.39 0.00
COBBLENY_34_KV_TB1 80064	32.56 -1.27 0.00	25.39 -0.80 0.00	24.11 -0.84 0.00	23.00 -1.11 0.00	22.52 -1.02 0.00	21.29 -1.05 0.00	23.30 -0.90 0.00	21.34 -0.96 0.00	21.91 -0.87 0.00	18.54 -0.63 0.00	19.22 -0.28 0.00	25.95 -0.25 0.00	33.74 -0.26 0.00	37.12 -0.16 0.00	39.18 -0.43 0.00	37.73 -0.28 0.00	42.44 0.11 0.00	43.75 0.44 0.00	44.07 0.98 0.00	43.26 0.66 0.00	56.16 0.79 0.00	62.63 1.08 0.00	38.43 1.00 0.00	32.12 0.64 0.00
COFFEEN___115KV_TB3 355620	34.08 0.25 0.00	26.31 0.13 0.00	24.92 -0.04 0.00	24.13 0.02 0.00	23.56 0.02 0.00	22.38 0.03 0.00	24.29 0.09 0.00	22.32 0.02 0.00	22.60 -0.18 0.00	18.81 -0.35 0.00	19.04 -0.46 0.00	25.51 -0.70 0.00	33.13 -0.88 0.00	36.57 -0.72 0.00	38.76 -0.84 0.00	37.23 -0.77 0.00	41.78 -0.55 0.00	43.22 -0.10 0.00	43.81 0.72 0.00	43.88 1.28 0.00	57.31 1.94 0.00	63.28 1.73 0.00	38.37 0.94 0.00	32.02 0.53 0.00
COLDSPRG_115KV_BK1 355956	33.51 -0.32 0.00	26.08 -0.10 0.00	24.75 -0.20 0.00	23.66 -0.45 0.00	23.14 -0.39 0.00	21.90 -0.44 0.00	23.94 -0.25 0.00	21.97 -0.33 0.00	22.54 -0.24 0.00	19.10 -0.06 0.00	19.75 0.25 0.00	26.83 0.62 0.00	35.01 1.00 0.00	38.46 1.17 0.00	40.48 0.87 0.00	38.94 0.94 0.00	43.97 1.64 0.00	45.40 2.09 0.00	45.67 2.57 0.00	44.84 2.24 0.00	58.05 2.68 0.00	64.41 2.87 0.00	39.47 2.04 0.00	32.92 1.43 0.00
COLONIE_LFGE___ 323577	34.64 0.80 0.00	26.78 0.59 0.00	25.61 0.66 0.00	24.85 0.74 0.00	24.24 0.70 0.00	23.02 0.67 0.00	24.88 0.68 0.00	22.86 0.56 0.00	23.33 0.56 0.00	19.55 0.39 0.00	19.83 0.33 0.00	26.66 0.45 0.00	34.64 0.64 0.00	38.20 0.91 0.00	40.74 1.14 0.00	39.07 1.06 0.00	43.37 1.03 0.00	44.67 1.36 0.00	44.51 1.42 0.00	43.97 1.37 0.00	57.13 1.75 0.00	63.19 1.64 0.00	38.41 0.98 0.00	32.40 0.91 0.00
COOPERNY_115KV_TB1 80082	34.43 0.60 0.00	26.59 0.40 0.00	25.30 0.35 0.00	24.42 0.31 0.00	23.82 0.28 0.00	22.61 0.27 0.00	24.46 0.26 0.00	22.60 0.30 0.00	23.13 0.35 0.00	19.54 0.37 0.00	19.89 0.39 0.00	26.91 0.71 0.00	35.05 1.05 0.00	38.71 1.42 0.00	41.08 1.47 0.00	39.45 1.44 0.00	43.98 1.65 0.00	45.24 1.93 0.00	44.88 1.79 0.00	44.15 1.54 0.00	57.38 2.01 0.00	63.41 1.87 0.00	38.52 1.09 0.00	32.40 0.91 0.00
COPENHAGEN_WT_PWR 323753	33.83 0.00 0.00	26.13 -0.06 0.00	24.73 -0.22 0.00	23.98 -0.13 0.00	23.41 -0.12 0.00	22.24 -0.10 0.00	24.13 -0.07 0.00	22.18 -0.11 0.00	22.50 -0.28 0.00	18.76 -0.40 0.00	19.01 -0.49 0.00	25.47 -0.74 0.00	33.08 -0.92 0.00	36.47 -0.82 0.00	38.70 -0.92 0.00	37.16 -0.85 0.00	41.64 -0.70 0.00	42.96 -0.36 0.00	43.46 0.37 0.00	43.43 0.82 0.00	56.78 1.41 0.00	62.78 1.23 0.00	38.07 0.64 0.00	31.80 0.31 0.00
CORNELL_____ 23752	34.16 0.33 0.00	26.44 0.25 0.00	25.14 0.18 0.00	24.23 0.12 0.00	23.67 0.13 0.00	22.46 0.11 0.00	24.37 0.17 0.00	22.44 0.14 0.00	22.86 0.09 0.00	19.19 0.03 0.00	19.50 -0.01 0.00	26.24 0.03 0.00	34.16 0.15 0.00	37.63 0.35 0.00	39.93 0.32 0.00	38.46 0.46 0.00	43.12 0.79 0.00	44.49 1.18 0.00	44.64 1.54 0.00	44.19 1.58 0.00	57.31 1.94 0.00	63.46 1.91 0.00	38.52 1.09 0.00	32.27 0.78 0.00

CORONAAV_69_KV_TB1 355595	35.67 1.83 0.00	29.43 1.34 -1.90	26.14 1.19 0.00	25.16 1.04 0.00	24.51 0.97 0.00	23.26 0.92 0.00	25.08 0.88 0.00	23.24 0.94 0.00	24.42 1.15 -0.49	20.90 1.10 -0.63	20.69 1.19 0.00	30.36 1.87 -2.28	37.14 2.58 -0.56	52.77 3.23 -12.26	42.81 3.20 0.00	41.19 3.18 0.00	45.80 3.47 0.00	47.05 3.74 0.00	46.39 3.29 0.00	45.39 2.78 0.00	59.18 3.80 0.00	65.29 3.75 0.00	39.90 2.47 0.00	33.57 2.08 0.00
CORTLAND_115KV_TB3 80093	33.91 0.08 0.00	26.25 0.06 0.00	24.97 0.02 0.00	24.09 -0.02 0.00	23.53 0.00 0.00	22.33 -0.01 0.00	24.22 0.02 0.00	22.30 0.00 0.00	22.74 -0.04 0.00	19.11 -0.05 0.00	19.44 -0.06 0.00	26.17 -0.04 0.00	34.07 0.07 0.00	37.50 0.22 0.00	39.81 0.20 0.00	38.28 0.27 0.00	42.86 0.54 0.00	44.15 0.83 0.00	44.16 1.07 0.00	43.65 1.05 0.00	56.63 1.26 0.00	62.73 1.18 0.00	38.13 0.70 0.00	31.96 0.47 0.00
COXSACKIE___GT 23611	35.39 1.56 0.00	27.32 1.13 0.00	26.16 1.20 0.00	25.48 1.37 0.00	24.88 1.34 0.00	23.64 1.30 0.00	25.57 1.38 0.00	23.60 1.30 0.00	23.92 1.15 0.00	19.93 0.77 0.00	20.10 0.60 0.00	26.69 0.48 0.00	34.65 0.65 0.00	38.35 1.06 0.00	41.05 1.44 0.00	39.67 1.66 0.00	44.24 1.91 0.00	46.05 2.74 0.00	46.10 3.01 0.00	45.80 3.20 0.00	59.51 4.14 0.00	65.66 4.12 0.00	39.71 2.28 0.00	33.27 1.79 0.00
CPV_VALLEY___CC1 323721	34.41 0.57 0.00	26.57 0.38 0.00	25.27 0.32 0.00	24.40 0.29 0.00	23.79 0.26 0.00	22.59 0.25 0.00	24.42 0.22 0.00	22.58 0.28 0.00	23.13 0.35 0.00	19.55 0.39 0.00	19.91 0.40 0.00	26.94 0.74 0.00	35.11 1.10 0.00	38.82 1.53 0.00	41.16 1.55 0.00	39.54 1.53 0.00	44.07 1.75 0.00	45.35 2.03 0.00	44.92 1.83 0.00	44.17 1.56 0.00	57.42 2.05 0.00	63.42 1.87 0.00	38.52 1.09 0.00	32.41 0.93 0.00
CPV_VALLEY___CC2 323722	34.41 0.57 0.00	26.57 0.38 0.00	25.27 0.32 0.00	24.40 0.29 0.00	23.79 0.26 0.00	22.59 0.25 0.00	24.42 0.22 0.00	22.58 0.28 0.00	23.13 0.35 0.00	19.55 0.39 0.00	19.91 0.40 0.00	26.94 0.74 0.00	35.11 1.10 0.00	38.82 1.53 0.00	41.16 1.55 0.00	39.54 1.53 0.00	44.07 1.75 0.00	45.35 2.03 0.00	44.92 1.83 0.00	44.17 1.56 0.00	57.42 2.05 0.00	63.42 1.87 0.00	38.52 1.09 0.00	32.41 0.93 0.00
CRESCENT___HYD 24018	34.64 0.80 0.00	26.78 0.59 0.00	25.61 0.66 0.00	24.85 0.74 0.00	24.24 0.70 0.00	23.02 0.67 0.00	24.88 0.68 0.00	22.86 0.56 0.00	23.33 0.56 0.00	19.55 0.39 0.00	19.83 0.33 0.00	26.66 0.45 0.00	34.64 0.64 0.00	38.20 0.91 0.00	40.74 1.14 0.00	39.07 1.06 0.00	43.37 1.03 0.00	44.67 1.36 0.00	44.51 1.42 0.00	43.97 1.37 0.00	57.13 1.75 0.00	63.19 1.64 0.00	38.41 0.98 0.00	32.40 0.91 0.00
CRICKET___VALLEY_CC1 323756	34.53 0.69 0.00	26.63 0.44 0.00	25.35 0.40 0.00	24.50 0.39 0.00	23.91 0.37 0.00	22.71 0.36 0.00	24.54 0.35 0.00	22.68 0.38 0.00	23.24 0.47 0.00	19.61 0.44 0.00	19.94 0.44 0.00	26.97 0.76 0.00	35.11 1.10 0.00	38.82 1.54 0.00	41.24 1.63 0.00	39.60 1.59 0.00	44.01 1.68 0.00	45.37 2.05 0.00	45.00 1.91 0.00	44.22 1.61 0.00	57.45 2.07 0.00	63.40 1.86 0.00	38.48 1.05 0.00	32.46 0.98 0.00
CRICKET___VALLEY_CC2 323757	34.53 0.69 0.00	26.63 0.44 0.00	25.35 0.40 0.00	24.50 0.39 0.00	23.91 0.37 0.00	22.71 0.36 0.00	24.54 0.35 0.00	22.68 0.38 0.00	23.24 0.47 0.00	19.61 0.44 0.00	19.94 0.44 0.00	26.97 0.76 0.00	35.11 1.10 0.00	38.82 1.54 0.00	41.24 1.63 0.00	39.60 1.59 0.00	44.01 1.68 0.00	45.37 2.05 0.00	45.00 1.91 0.00	44.22 1.61 0.00	57.45 2.07 0.00	63.40 1.86 0.00	38.48 1.05 0.00	32.46 0.98 0.00
CRICKET___VALLEY_CC3 323758	34.53 0.69 0.00	26.63 0.44 0.00	25.35 0.40 0.00	24.50 0.39 0.00	23.91 0.37 0.00	22.71 0.36 0.00	24.54 0.35 0.00	22.68 0.38 0.00	23.24 0.47 0.00	19.61 0.44 0.00	19.94 0.44 0.00	26.97 0.76 0.00	35.11 1.10 0.00	38.82 1.54 0.00	41.24 1.63 0.00	39.60 1.59 0.00	44.01 1.68 0.00	45.37 2.05 0.00	45.00 1.91 0.00	44.22 1.61 0.00	57.45 2.07 0.00	63.40 1.86 0.00	38.48 1.05 0.00	32.46 0.98 0.00
CRUCIBLE_METL_DRP 24180	33.65 -0.19 0.00	26.05 -0.14 0.00	24.79 -0.17 0.00	23.91 -0.20 0.00	23.35 -0.18 0.00	22.17 -0.18 0.00	24.03 -0.16 0.00	22.13 -0.17 0.00	22.60 -0.18 0.00	18.99 -0.17 0.00	19.32 -0.18 0.00	25.96 -0.25 0.00	33.78 -0.23 0.00	37.19 -0.09 0.00	39.49 -0.12 0.00	37.98 -0.02 0.00	42.47 0.14 0.00	43.68 0.36 0.00	43.60 0.51 0.00	43.04 0.43 0.00	55.83 0.45 0.00	61.90 0.35 0.00	37.62 0.19 0.00	31.58 0.10 0.00
DAHOWA___HYDRO 323763	35.58 1.74 0.00	27.44 1.25 0.00	26.19 1.24 0.00	25.38 1.27 0.00	24.70 1.16 0.00	23.47 1.12 0.00	25.38 1.19 0.00	23.29 0.99 0.00	23.79 1.02 0.00	19.89 0.73 0.00	20.11 0.61 0.00	27.05 0.85 0.00	35.18 1.18 0.00	38.84 1.56 0.00	41.60 1.99 0.00	39.96 1.95 0.00	44.57 2.24 0.00	46.05 2.74 0.00	46.05 2.96 0.00	45.48 2.88 0.00	59.09 3.71 0.00	65.15 3.60 0.00	39.64 2.21 0.00	33.39 1.90 0.00
DANC___LFGE 323619	33.49 -0.34 0.00	25.88 -0.30 0.00	24.56 -0.39 0.00	23.76 -0.35 0.00	23.20 -0.33 0.00	22.03 -0.31 0.00	23.90 -0.29 0.00	21.98 -0.31 0.00	22.35 -0.43 0.00	18.70 -0.46 0.00	18.96 -0.54 0.00	25.41 -0.80 0.00	33.02 -0.99 0.00	36.39 -0.90 0.00	38.62 -0.98 0.00	37.10 -0.90 0.00	41.53 -0.80 0.00	42.82 -0.49 0.00	43.11 0.02 0.00	42.90 0.30 0.00	56.03 0.65 0.00	62.05 0.50 0.00	37.66 0.23 0.00	31.51 0.02 0.00
DANSKAMMER___1 23586	35.06 1.23 0.00	27.04 0.85 0.00	25.70 0.75 0.00	24.81 0.69 0.00	24.19 0.65 0.00	22.97 0.63 0.00	24.83 0.63 0.00	22.97 0.67 0.00	23.55 0.78 0.00	19.91 0.75 0.00	20.28 0.78 0.00	27.48 1.27 0.00	35.86 1.86 0.00	39.72 2.43 0.00	42.16 2.55 0.00	40.55 2.54 0.00	45.21 2.88 0.00	46.58 3.27 0.00	46.16 3.07 0.00	45.32 2.71 0.00	58.87 3.50 0.00	64.93 3.38 0.00	39.40 1.97 0.00	33.13 1.65 0.00
DANSKAMMER___2 23589	35.06 1.23 0.00	27.04 0.85 0.00	25.70 0.75 0.00	24.81 0.69 0.00	24.19 0.65 0.00	22.97 0.63 0.00	24.83 0.63 0.00	22.97 0.67 0.00	23.55 0.78 0.00	19.91 0.75 0.00	20.28 0.78 0.00	27.48 1.27 0.00	35.86 1.86 0.00	39.72 2.43 0.00	42.16 2.55 0.00	40.55 2.54 0.00	45.21 2.88 0.00	46.58 3.27 0.00	46.16 3.07 0.00	45.32 2.71 0.00	58.87 3.50 0.00	64.93 3.38 0.00	39.40 1.97 0.00	33.13 1.65 0.00
DANSKAMMER___3 23590	35.06 1.23 0.00	27.04 0.85 0.00	25.70 0.75 0.00	24.81 0.69 0.00	24.19 0.65 0.00	22.97 0.63 0.00	24.83 0.63 0.00	22.97 0.67 0.00	23.55 0.78 0.00	19.91 0.75 0.00	20.28 0.78 0.00	27.48 1.27 0.00	35.86 1.86 0.00	39.72 2.43 0.00	42.16 2.55 0.00	40.55 2.54 0.00	45.21 2.88 0.00	46.58 3.27 0.00	46.16 3.07 0.00	45.32 2.71 0.00	58.87 3.50 0.00	64.93 3.38 0.00	39.40 1.97 0.00	33.13 1.65 0.00

DANSKAMMER___4 23591	35.06 1.23 0.00	27.04 0.85 0.00	25.70 0.75 0.00	24.81 0.69 0.00	24.19 0.65 0.00	22.97 0.63 0.00	24.83 0.63 0.00	22.97 0.67 0.00	23.55 0.78 0.00	19.91 0.75 0.00	20.28 0.78 0.00	27.48 1.27 0.00	35.86 1.86 0.00	39.72 2.43 0.00	42.16 2.55 0.00	40.55 2.54 0.00	45.21 2.88 0.00	46.58 3.27 0.00	46.16 3.07 0.00	45.32 2.71 0.00	58.87 3.50 0.00	64.93 3.38 0.00	39.40 1.97 0.00	33.13 1.65 0.00
DANSKAMMER___DIESEL 23592	35.06 1.23 0.00	27.04 0.85 0.00	25.70 0.75 0.00	24.81 0.69 0.00	24.19 0.66 0.00	22.97 0.63 0.00	24.83 0.63 0.00	22.97 0.67 0.00	23.55 0.78 0.00	19.91 0.75 0.00	20.28 0.78 0.00	27.48 1.27 0.00	35.87 1.87 0.00	39.72 2.43 0.00	42.16 2.56 0.00	40.54 2.54 0.00	45.21 2.88 0.00	46.58 3.26 0.00	46.16 3.07 0.00	45.31 2.71 0.00	58.88 3.51 0.00	64.93 3.38 0.00	39.40 1.97 0.00	33.13 1.65 0.00
DARBY___SOLAR 323810	35.41 1.59 0.00	27.33 1.14 0.00	26.09 1.14 0.00	25.28 1.17 0.00	24.61 1.07 0.00	23.38 1.04 0.00	25.28 1.08 0.00	23.21 0.90 0.00	23.70 0.92 0.00	19.82 0.66 0.00	20.02 0.52 0.00	26.93 0.72 0.00	35.01 1.01 0.00	38.66 1.37 0.00	41.38 1.77 0.00	39.75 1.74 0.00	44.33 2.00 0.00	45.80 2.49 0.00	45.79 2.69 0.00	45.22 2.61 0.00	58.75 3.37 0.00	64.79 3.25 0.00	39.42 1.99 0.00	33.20 1.72 0.00
DASHVILLE___HYD 23610	34.47 0.64 0.00	26.57 0.38 0.00	25.24 0.29 0.00	24.33 0.22 0.00	23.73 0.19 0.00	22.53 0.19 0.00	24.35 0.16 0.00	22.54 0.24 0.00	23.12 0.34 0.00	19.62 0.46 0.00	19.99 0.48 0.00	27.12 0.91 0.00	35.39 1.39 0.00	39.21 1.92 0.00	41.55 1.94 0.00	39.93 1.92 0.00	44.49 2.16 0.00	45.80 2.48 0.00	45.30 2.21 0.00	44.42 1.81 0.00	57.75 2.38 0.00	63.69 2.15 0.00	38.66 1.23 0.00	32.53 1.05 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	36.28 2.45 0.00	29.94 1.85 -1.90	26.61 1.65 0.00	25.55 1.44 0.00	24.89 1.35 0.00	23.63 1.28 0.00	25.52 1.32 0.00	23.68 1.38 0.00	25.20 1.94 -0.49	21.49 1.69 -0.63	21.28 1.78 0.00	31.05 2.56 -2.28	38.13 3.56 -0.56	53.98 4.43 -12.26	44.08 4.47 0.00	42.44 4.43 0.00	47.25 4.92 0.00	48.30 4.98 0.00	47.34 4.25 0.00	46.14 3.53 0.00	60.42 5.05 0.00	66.25 4.71 0.00	40.13 2.70 0.00	33.55 2.07 0.00
DELAWARE___LFGE 323621	34.35 0.52 0.00	26.56 0.37 0.00	25.29 0.33 0.00	24.43 0.32 0.00	23.84 0.30 0.00	22.63 0.29 0.00	24.52 0.33 0.00	22.62 0.32 0.00	23.09 0.32 0.00	19.47 0.31 0.00	19.85 0.34 0.00	26.77 0.56 0.00	34.83 0.83 0.00	38.38 1.09 0.00	40.72 1.11 0.00	39.09 1.09 0.00	43.63 1.30 0.00	44.84 1.53 0.00	44.63 1.53 0.00	43.99 1.39 0.00	57.15 1.77 0.00	63.27 1.73 0.00	38.47 1.04 0.00	32.32 0.83 0.00
DERFIELD_115KV_TB7 355931	33.81 -0.02 0.00	26.16 -0.03 0.00	24.93 -0.02 0.00	24.11 0.00 0.00	23.53 0.00 0.00	22.35 0.00 0.00	24.19 0.00 0.00	22.30 0.00 0.00	22.77 0.00 0.00	19.14 -0.02 0.00	19.46 -0.04 0.00	26.16 -0.05 0.00	33.98 -0.03 0.00	37.33 0.05 0.00	39.69 0.08 0.00	38.08 0.07 0.00	42.42 0.09 0.00	43.51 0.20 0.00	43.31 0.21 0.00	42.78 0.17 0.00	55.59 0.22 0.00	61.69 0.15 0.00	37.52 0.09 0.00	31.57 0.08 0.00
DOGLEVILLE___HYD 23807	33.50 -0.33 0.00	25.85 -0.34 0.00	24.70 -0.25 0.00	23.98 -0.13 0.00	23.39 -0.15 0.00	22.24 -0.11 0.00	24.01 -0.18 0.00	22.08 -0.22 0.00	22.45 -0.33 0.00	18.62 -0.55 0.00	18.74 -0.77 0.00	25.13 -1.08 0.00	32.86 -1.15 0.00	36.36 -0.93 0.00	38.88 -0.73 0.00	37.50 -0.51 0.00	41.69 -0.64 0.00	43.17 -0.15 0.00	43.32 0.23 0.00	42.97 0.37 0.00	55.81 0.44 0.00	61.78 0.23 0.00	37.41 -0.02 0.00	31.48 0.00 0.00
DUNKIRK___115KV_TB_200 55889	32.71 -1.12 0.00	25.48 -0.70 0.00	24.20 -0.75 0.00	23.11 -1.01 0.00	22.61 -0.92 0.00	21.38 -0.96 0.00	23.39 -0.81 0.00	21.44 -0.86 0.00	21.98 -0.80 0.00	18.59 -0.57 0.00	19.24 -0.26 0.00	26.13 -0.08 0.00	34.04 0.04 0.00	37.42 0.14 0.00	39.46 -0.15 0.00	37.93 -0.07 0.00	42.75 0.42 0.00	44.07 0.76 0.00	44.38 1.29 0.00	43.66 1.05 0.00	56.55 1.17 0.00	62.91 1.36 0.00	38.58 1.15 0.00	32.19 0.71 0.00
DUNKIRK___1 23563	32.71 -1.12 0.00	25.48 -0.70 0.00	24.20 -0.75 0.00	23.11 -1.01 0.00	22.61 -0.92 0.00	21.38 -0.96 0.00	23.39 -0.81 0.00	21.44 -0.86 0.00	21.98 -0.80 0.00	18.59 -0.57 0.00	19.24 -0.26 0.00	26.13 -0.08 0.00	34.04 0.04 0.00	37.42 0.14 0.00	39.46 -0.15 0.00	37.93 -0.07 0.00	42.75 0.42 0.00	44.07 0.76 0.00	44.38 1.29 0.00	43.66 1.05 0.00	56.55 1.17 0.00	62.91 1.36 0.00	38.58 1.15 0.00	32.19 0.71 0.00
DUNKIRK___2 23564	32.71 -1.12 0.00	25.48 -0.70 0.00	24.20 -0.75 0.00	23.11 -1.01 0.00	22.61 -0.92 0.00	21.38 -0.96 0.00	23.39 -0.81 0.00	21.44 -0.86 0.00	21.98 -0.80 0.00	18.59 -0.57 0.00	19.24 -0.26 0.00	26.13 -0.08 0.00	34.04 0.04 0.00	37.42 0.14 0.00	39.46 -0.15 0.00	37.93 -0.07 0.00	42.75 0.42 0.00	44.07 0.76 0.00	44.38 1.29 0.00	43.66 1.05 0.00	56.55 1.17 0.00	62.91 1.36 0.00	38.58 1.15 0.00	32.19 0.71 0.00
DUNKIRK___3 23565	32.57 -1.26 0.00	25.38 -0.81 0.00	24.10 -0.85 0.00	23.01 -1.10 0.00	22.52 -1.02 0.00	21.29 -1.05 0.00	23.30 -0.90 0.00	21.35 -0.95 0.00	21.89 -0.88 0.00	18.53 -0.64 0.00	19.17 -0.33 0.00	26.00 -0.20 0.00	33.86 -0.14 0.00	37.22 -0.06 0.00	39.26 -0.36 0.00	37.74 -0.27 0.00	42.50 0.17 0.00	43.81 0.49 0.00	44.10 1.01 0.00	43.35 0.75 0.00	56.17 0.80 0.00	62.52 0.97 0.00	38.36 0.93 0.00	32.03 0.55 0.00
DUNKIRK___4 23566	32.57 -1.26 0.00	25.38 -0.81 0.00	24.10 -0.85 0.00	23.01 -1.10 0.00	22.52 -1.02 0.00	21.29 -1.05 0.00	23.30 -0.90 0.00	21.35 -0.95 0.00	21.89 -0.88 0.00	18.53 -0.64 0.00	19.17 -0.33 0.00	26.00 -0.20 0.00	33.86 -0.14 0.00	37.22 -0.06 0.00	39.26 -0.36 0.00	37.74 -0.27 0.00	42.50 0.17 0.00	43.81 0.49 0.00	44.10 1.01 0.00	43.35 0.75 0.00	56.17 0.80 0.00	62.52 0.97 0.00	38.36 0.93 0.00	32.03 0.55 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	35.12 1.29 0.00	27.08 0.90 0.00	25.75 0.79 0.00	24.83 0.72 0.00	24.21 0.68 0.00	22.98 0.64 0.00	24.82 0.62 0.00	22.98 0.68 0.00	23.56 0.78 0.00	19.96 0.80 0.00	20.33 0.83 0.00	27.55 1.34 0.00	35.93 1.93 0.00	39.77 2.49 0.00	42.12 2.52 0.00	40.49 2.48 0.00	45.11 2.78 0.00	46.40 3.09 0.00	45.88 2.79 0.00	45.02 2.41 0.00	58.56 3.19 0.00	64.64 3.10 0.00	39.30 1.87 0.00	33.08 1.59 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	34.82 0.98 0.00	26.86 0.67 0.00	25.54 0.59 0.00	24.64 0.52 0.00	24.02 0.49 0.00	22.81 0.47 0.00	24.66 0.46 0.00	22.81 0.51 0.00	23.38 0.60 0.00	19.77 0.61 0.00	20.13 0.63 0.00	27.28 1.07 0.00	35.59 1.58 0.00	39.39 2.11 0.00	41.79 2.18 0.00	40.17 2.16 0.00	44.80 2.47 0.00	46.15 2.83 0.00	45.73 2.63 0.00	44.92 2.31 0.00	58.38 3.01 0.00	64.42 2.87 0.00	39.09 1.66 0.00	32.87 1.39 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	35.11 1.28 0.00	27.14 0.95 0.00	25.79 0.83 0.00	24.89 0.77 0.00	24.25 0.72 0.00	23.03 0.68 0.00	24.85 0.65 0.00	23.04 0.74 -0.01	23.61 0.83 0.00	20.01 0.85 0.00	20.39 0.89 0.00	27.66 1.45 0.00	36.09 2.09 0.00	39.92 2.63 0.00	42.26 2.66 0.00	40.67 2.66 0.00	45.25 2.92 0.00	46.57 3.25 0.00	46.04 2.95 0.00	45.16 2.55 0.00	58.72 3.35 0.00	64.82 3.28 0.00	39.50 2.07 0.00	33.20 1.71 0.00
E179THST_13_KV_LOAD 356214	35.29 1.46 0.00	27.28 1.09 0.00	25.91 0.96 0.00	25.00 0.89 0.00	24.36 0.83 0.00	23.14 0.79 0.00	24.96 0.76 0.00	23.15 0.84 -0.01	23.72 0.94 0.00	20.11 0.95 0.00	20.50 0.99 0.00	27.82 1.61 0.00	36.29 2.29 0.00	40.14 2.86 0.00	42.50 2.89 0.00	40.90 2.89 0.00	45.52 3.19 0.00	46.83 3.51 0.00	46.30 3.21 0.00	45.41 2.81 0.00	59.06 3.68 0.00	65.19 3.65 0.00	39.73 2.30 0.00	33.39 1.90 0.00
EAST HAMPTON___GT 23717	36.72 2.89 0.00	30.25 2.15 -1.91	26.89 1.94 0.00	25.84 1.72 0.00	25.16 1.63 0.00	23.90 1.56 0.00	25.85 1.65 0.00	23.99 1.70 0.00	25.61 2.34 -0.49	21.90 2.10 -0.64	21.73 2.23 0.00	31.59 3.10 -2.28	38.82 4.25 -0.56	54.73 5.19 -12.26	44.82 5.21 0.00	43.14 5.14 0.00	47.97 5.64 0.00	48.88 5.56 0.00	47.79 4.69 0.00	46.55 3.94 0.00	61.04 5.67 0.00	66.93 5.38 0.00	40.45 3.02 0.00	33.65 2.16 0.00
EAST RIVER___6 23660	35.18 1.35 0.00	27.15 0.96 0.00	25.80 0.84 0.00	24.88 0.76 0.00	24.24 0.71 0.00	23.02 0.68 0.00	24.83 0.64 0.00	23.01 0.71 0.00	23.61 0.83 0.00	20.05 0.88 0.00	20.42 0.91 0.00	27.68 1.47 0.00	36.09 2.09 0.00	39.94 2.66 0.00	42.28 2.67 0.00	40.67 2.66 0.00	45.27 2.94 0.00	46.62 3.30 0.00	46.07 2.97 0.00	45.17 2.56 0.00	58.72 3.34 0.00	64.82 3.27 0.00	39.44 2.01 0.00	33.20 1.71 0.00
EAST RIVER___7 23524	35.18 1.35 0.00	27.15 0.96 0.00	25.80 0.84 0.00	24.88 0.76 0.00	24.24 0.71 0.00	23.02 0.68 0.00	24.83 0.64 0.00	23.01 0.71 0.00	23.61 0.83 0.00	20.05 0.88 0.00	20.42 0.91 0.00	27.68 1.47 0.00	36.09 2.09 0.00	39.94 2.66 0.00	42.28 2.67 0.00	40.67 2.66 0.00	45.27 2.94 0.00	46.62 3.30 0.00	46.07 2.97 0.00	45.17 2.56 0.00	58.72 3.34 0.00	64.82 3.27 0.00	39.44 2.01 0.00	33.20 1.71 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	35.00 1.17 0.00	26.99 0.81 0.00	25.67 0.71 0.00	24.76 0.64 0.00	24.14 0.61 0.00	22.92 0.58 0.00	24.75 0.56 0.00	22.92 0.62 0.00	23.50 0.72 0.00	19.90 0.74 0.00	20.27 0.77 0.00	27.48 1.27 0.00	35.83 1.83 0.00	39.66 2.38 0.00	42.03 2.42 0.00	40.38 2.37 0.00	44.99 2.66 0.00	46.30 2.98 0.00	45.78 2.69 0.00	44.93 2.33 0.00	58.43 3.06 0.00	64.49 2.95 0.00	39.21 1.78 0.00	33.00 1.51 0.00
EAST_HAMPTON___DIESEL 23722	36.71 2.88 0.00	30.24 2.14 -1.91	26.88 1.93 0.00	25.84 1.72 0.00	25.16 1.63 0.00	23.90 1.55 0.00	25.85 1.65 0.00	24.00 1.70 0.00	25.62 2.36 -0.49	21.91 2.11 -0.64	21.75 2.25 0.00	31.61 3.12 -2.28	38.83 4.27 -0.56	54.75 5.21 -12.26	44.85 5.24 0.00	43.15 5.15 0.00	47.97 5.64 0.00	48.86 5.55 0.00	47.76 4.67 0.00	46.53 3.92 0.00	61.01 5.64 0.00	66.87 5.32 0.00	40.41 2.98 0.00	33.60 2.12 0.00
EAST_POINT___SOLAR 323840	36.02 2.19 0.00	27.85 1.67 0.00	26.48 1.52 0.00	25.50 1.39 0.00	24.89 1.36 0.00	23.63 1.29 0.00	25.64 1.44 0.00	23.47 1.17 0.00	23.70 0.92 0.00	19.67 0.51 0.00	19.89 0.38 0.00	26.56 0.36 0.00	34.79 0.79 0.00	38.39 1.10 0.00	41.22 1.61 0.00	39.84 1.84 0.00	44.62 2.29 0.00	46.08 2.76 0.00	46.31 3.22 0.00	46.21 3.60 0.00	60.10 4.73 0.00	66.70 5.15 0.00	40.47 3.04 0.00	33.89 2.41 0.00
EAST_PULASKI___ESR 323781	33.28 -0.55 0.00	25.74 -0.44 0.00	24.47 -0.48 0.00	23.64 -0.47 0.00	23.09 -0.44 0.00	21.92 -0.42 0.00	23.76 -0.43 0.00	21.87 -0.43 0.00	22.29 -0.48 0.00	18.69 -0.47 0.00	18.98 -0.52 0.00	25.45 -0.76 0.00	33.08 -0.92 0.00	36.43 -0.86 0.00	38.70 -0.91 0.00	37.18 -0.82 0.00	41.56 -0.77 0.00	42.81 -0.50 0.00	42.92 -0.18 0.00	42.52 -0.09 0.00	55.43 0.06 0.00	61.46 -0.09 0.00	37.33 -0.10 0.00	31.28 -0.20 0.00
EAST_RIVER___1 323558	35.16 1.33 0.00	27.11 0.92 0.00	25.77 0.82 0.00	24.85 0.74 0.00	24.22 0.69 0.00	23.00 0.66 0.00	24.82 0.63 0.00	23.01 0.71 0.00	23.60 0.82 0.00	20.03 0.87 0.00	20.39 0.89 0.00	27.66 1.45 0.00	36.08 2.07 0.00	39.94 2.65 0.00	42.26 2.66 0.00	40.65 2.65 0.00	45.28 2.95 0.00	46.59 3.27 0.00	46.02 2.92 0.00	45.14 2.53 0.00	58.71 3.34 0.00	64.81 3.27 0.00	39.41 1.98 0.00	33.17 1.69 0.00
EAST_RIVER___2 323559	35.18 1.35 0.00	27.15 0.96 0.00	25.80 0.84 0.00	24.88 0.76 0.00	24.24 0.71 0.00	23.02 0.68 0.00	24.83 0.64 0.00	23.01 0.71 0.00	23.61 0.83 0.00	20.05 0.88 0.00	20.42 0.91 0.00	27.68 1.47 0.00	36.09 2.09 0.00	39.94 2.66 0.00	42.28 2.67 0.00	40.67 2.66 0.00	45.27 2.94 0.00	46.62 3.30 0.00	46.07 2.97 0.00	45.17 2.56 0.00	58.72 3.34 0.00	64.82 3.27 0.00	39.44 2.01 0.00	33.20 1.71 0.00
EAST___DELAWARE_HYD 23607	33.77 -0.07 0.00	26.02 -0.17 0.00	24.70 -0.25 0.00	23.82 -0.30 0.00	23.21 -0.33 0.00	22.04 -0.30 0.00	23.83 -0.37 0.00	22.04 -0.26 0.00	22.59 -0.19 0.00	19.10 -0.05 0.00	19.44 -0.06 0.00	26.32 0.11 0.00	34.46 0.46 0.00	38.09 0.80 0.00	40.52 0.91 0.00	38.96 0.95 0.00	43.47 1.14 0.00	44.97 1.65 0.00	44.58 1.48 0.00	43.77 1.17 0.00	56.84 1.47 0.00	62.65 1.11 0.00	37.96 0.52 0.00	31.85 0.36 0.00
EIGHT_POINT___WT_PWR 323820	34.78 0.95 0.00	27.00 0.81 0.00	25.65 0.70 0.00	24.57 0.45 0.00	24.00 0.47 0.00	22.73 0.39 0.00	24.78 0.59 0.00	22.84 0.54 0.00	23.32 0.54 0.00	19.62 0.45 0.00	20.11 0.60 0.00	27.25 1.04 0.00	35.65 1.65 0.00	39.11 1.82 0.00	41.28 1.67 0.00	39.75 1.75 0.00	45.04 2.70 0.00	46.84 3.52 0.00	47.30 4.20 0.00	46.58 3.97 0.00	60.38 5.01 0.00	66.76 5.22 0.00	40.78 3.35 0.00	33.94 2.46 0.00
ELBRIDGE_115KV_TB2 80188	33.45 -0.38 0.00	25.92 -0.27 0.00	24.66 -0.30 0.00	23.79 -0.33 0.00	23.23 -0.31 0.00	22.05 -0.29 0.00	23.91 -0.28 0.00	22.00 -0.30 0.00	22.46 -0.31 0.00	18.89 -0.28 0.00	19.21 -0.29 0.00	25.80 -0.40 0.00	33.56 -0.44 0.00	36.99 -0.30 0.00	39.21 -0.40 0.00	37.74 -0.27 0.00	42.21 -0.12 0.00	43.37 0.06 0.00	43.30 0.21 0.00	42.79 0.19 0.00	55.51 0.14 0.00	61.59 0.05 0.00	37.40 -0.03 0.00	31.43 -0.05 0.00
ELEC_TRO_TEK 24086	35.48 1.65 0.00	29.28 1.20 -1.90	26.01 1.06 0.00	25.04 0.92 0.00	24.40 0.86 0.00	23.16 0.81 0.00	24.98 0.78 0.00	23.14 0.84 0.00	24.31 1.05 -0.49	20.81 1.01 -0.63	20.58 1.08 0.00	30.19 1.70 -2.28	36.90 2.34 -0.56	52.52 2.97 -12.26	42.52 2.92 0.00	40.90 2.90 0.00	45.46 3.13 0.00	46.69 3.37 0.00	46.03 2.93 0.00	45.04 2.43 0.00	58.74 3.37 0.00	64.79 3.24 0.00	39.59 2.16 0.00	33.32 1.84 0.00

ELLENBURG_WT_PWR 323604	34.36 0.53 0.00	26.66 0.47 0.00	25.42 0.47 0.00	24.54 0.42 0.00	23.95 0.42 0.00	22.75 0.41 0.00	24.70 0.51 0.00	22.82 0.53 0.00	23.21 0.44 0.00	19.53 0.37 0.00	20.00 0.49 0.00	26.89 0.68 0.00	34.71 0.70 0.00	37.99 0.70 0.00	40.41 0.80 0.00	38.53 0.52 0.00	42.84 0.51 0.00	43.68 0.36 0.00	43.54 0.45 0.00	43.32 0.71 0.00	56.36 0.99 0.00	62.67 1.12 0.00	38.18 0.75 0.00	32.00 0.51 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	32.21 -1.62 0.00	25.12 -1.07 0.00	23.87 -1.09 0.00	22.77 -1.35 0.00	22.29 -1.24 0.00	21.07 -1.28 0.00	23.07 -1.12 0.00	21.13 -1.17 0.00	21.69 -1.09 0.00	18.36 -0.81 0.00	19.03 -0.48 0.00	25.66 -0.55 0.00	33.33 -0.67 0.00	36.65 -0.63 0.00	38.68 -0.93 0.00	37.23 -0.78 0.00	41.81 -0.52 0.00	43.09 -0.22 0.00	43.40 0.31 0.00	42.62 0.02 0.00	55.35 -0.02 0.00	61.79 0.24 0.00	37.98 0.55 0.00	31.76 0.27 0.00
EMPIRE_CC_1 323656	33.96 0.13 0.00	26.27 0.08 0.00	25.24 0.29 0.00	24.51 0.40 0.00	23.92 0.38 0.00	22.73 0.38 0.00	24.52 0.32 0.00	22.56 0.26 0.00	23.06 0.28 0.00	19.33 0.16 0.00	19.62 0.12 0.00	26.29 0.08 0.00	34.13 0.13 0.00	37.65 0.37 0.00	40.09 0.48 0.00	38.40 0.39 0.00	42.55 0.22 0.00	43.77 0.46 0.00	43.53 0.43 0.00	42.96 0.36 0.00	55.86 0.48 0.00	61.82 0.27 0.00	37.60 0.17 0.00	31.75 0.27 0.00
EMPIRE_CC_2 323658	33.96 0.13 0.00	26.27 0.08 0.00	25.24 0.29 0.00	24.51 0.40 0.00	23.92 0.38 0.00	22.73 0.38 0.00	24.52 0.32 0.00	22.56 0.26 0.00	23.06 0.28 0.00	19.33 0.16 0.00	19.62 0.12 0.00	26.29 0.08 0.00	34.13 0.13 0.00	37.65 0.37 0.00	40.09 0.48 0.00	38.40 0.39 0.00	42.55 0.22 0.00	43.77 0.46 0.00	43.53 0.43 0.00	42.96 0.36 0.00	55.86 0.48 0.00	61.82 0.27 0.00	37.60 0.17 0.00	31.75 0.27 0.00
ENORWICH_115KV_TB1 80156	35.60 1.77 0.00	27.52 1.34 0.00	26.15 1.19 0.00	25.19 1.08 0.00	24.62 1.08 0.00	23.37 1.03 0.00	25.38 1.19 0.00	23.40 1.10 0.00	23.74 0.97 0.00	19.82 0.66 0.00	20.13 0.63 0.00	27.08 0.88 0.00	35.27 1.27 0.00	38.93 1.65 0.00	41.37 1.76 0.00	40.05 2.04 0.00	45.10 2.77 0.00	46.57 3.26 0.00	47.01 3.91 0.00	46.64 4.03 0.00	60.44 5.07 0.00	66.67 5.12 0.00	40.36 2.93 0.00	33.72 2.24 0.00
ERIE_ST_34_KV_TB1-2 80199	32.96 -0.87 0.00	25.66 -0.53 0.00	24.36 -0.59 0.00	23.25 -0.86 0.00	22.76 -0.77 0.00	21.51 -0.83 0.00	23.53 -0.67 0.00	21.57 -0.73 0.00	22.14 -0.64 0.00	18.74 -0.42 0.00	19.40 -0.10 0.00	26.23 0.02 0.00	34.13 0.13 0.00	37.59 0.31 0.00	39.73 0.12 0.00	38.27 0.26 0.00	43.10 0.77 0.00	44.48 1.16 0.00	44.79 1.70 0.00	43.93 1.33 0.00	56.94 1.56 0.00	63.37 1.83 0.00	38.86 1.43 0.00	32.43 0.95 0.00
ERIE_WT_PWR 323693	32.43 -1.41 0.00	25.28 -0.91 0.00	24.02 -0.93 0.00	22.91 -1.21 0.00	22.43 -1.11 0.00	21.20 -1.14 0.00	23.22 -0.98 0.00	21.25 -1.05 0.00	21.82 -0.96 0.00	18.46 -0.71 0.00	19.14 -0.36 0.00	25.84 -0.37 0.00	33.59 -0.41 0.00	36.93 -0.35 0.00	39.00 -0.61 0.00	37.52 -0.48 0.00	42.19 -0.14 0.00	43.45 0.14 0.00	43.79 0.70 0.00	43.00 0.39 0.00	55.84 0.47 0.00	62.28 0.73 0.00	38.25 0.82 0.00	31.98 0.49 0.00
ESPRGFLD_115KV_TB1 80157	35.45 1.61 0.00	27.43 1.24 0.00	26.05 1.10 0.00	25.05 0.94 0.00	24.45 0.91 0.00	23.20 0.86 0.00	25.19 0.99 0.00	23.24 0.94 0.00	23.70 0.92 0.00	19.97 0.81 0.00	20.39 0.89 0.00	27.46 1.25 0.00	35.74 1.73 0.00	39.26 1.98 0.00	41.65 2.04 0.00	39.96 1.96 0.00	44.75 2.42 0.00	46.03 2.72 0.00	45.95 2.85 0.00	45.51 2.90 0.00	59.07 3.70 0.00	65.57 4.03 0.00	39.87 2.44 0.00	33.41 1.92 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	34.11 0.27 0.00	26.41 0.22 0.00	25.11 0.16 0.00	24.21 0.10 0.00	23.64 0.11 0.00	22.44 0.09 0.00	24.34 0.15 0.00	22.42 0.11 0.00	22.83 0.06 0.00	19.16 0.00 0.00	19.48 -0.03 0.00	26.21 0.00 0.00	34.12 0.11 0.00	37.58 0.30 0.00	39.88 0.27 0.00	38.41 0.40 0.00	43.05 0.72 0.00	44.40 1.09 0.00	44.52 1.43 0.00	44.08 1.47 0.00	57.19 1.81 0.00	63.33 1.79 0.00	38.44 1.01 0.00	32.21 0.72 0.00
ETNA____115KV_TB2 80207	34.11 0.27 0.00	26.41 0.22 0.00	25.11 0.16 0.00	24.21 0.10 0.00	23.64 0.11 0.00	22.44 0.09 0.00	24.34 0.15 0.00	22.42 0.11 0.00	22.83 0.06 0.00	19.16 0.00 0.00	19.48 -0.03 0.00	26.21 0.00 0.00	34.12 0.11 0.00	37.58 0.30 0.00	39.88 0.27 0.00	38.41 0.40 0.00	43.05 0.72 0.00	44.40 1.09 0.00	44.52 1.43 0.00	44.08 1.47 0.00	57.19 1.81 0.00	63.33 1.79 0.00	38.44 1.01 0.00	32.21 0.72 0.00
EUCLID____115KV_TB2 356179	33.28 -0.55 0.00	25.77 -0.42 0.00	24.53 -0.42 0.00	23.67 -0.45 0.00	23.11 -0.42 0.00	21.94 -0.40 0.00	23.79 -0.41 0.00	21.91 -0.39 0.00	22.37 -0.40 0.00	18.81 -0.35 0.00	19.15 -0.35 0.00	25.70 -0.51 0.00	33.41 -0.59 0.00	36.77 -0.51 0.00	39.04 -0.57 0.00	37.53 -0.48 0.00	41.91 -0.43 0.00	43.09 -0.22 0.00	43.02 -0.08 0.00	42.44 -0.17 0.00	55.07 -0.30 0.00	61.12 -0.42 0.00	37.18 -0.25 0.00	31.22 -0.26 0.00
E_CANADA_CAP_HY 24051	35.93 2.10 0.00	27.82 1.63 0.00	26.43 1.48 0.00	25.42 1.30 0.00	24.80 1.27 0.00	23.54 1.20 0.00	25.55 1.36 0.00	23.55 1.25 0.00	23.93 1.16 0.00	20.05 0.89 0.00	20.42 0.91 0.00	27.35 1.14 0.00	35.59 1.58 0.00	39.05 1.77 0.00	41.60 1.99 0.00	39.91 1.90 0.00	44.62 2.29 0.00	45.93 2.62 0.00	45.97 2.88 0.00	45.74 3.13 0.00	59.46 4.09 0.00	66.16 4.61 0.00	40.25 2.82 0.00	33.75 2.27 0.00
E_CANADA_MHWK_HY 24050	33.50 -0.33 0.00	25.85 -0.34 0.00	24.70 -0.25 0.00	23.98 -0.13 0.00	23.39 -0.15 0.00	22.24 -0.11 0.00	24.01 -0.18 0.00	22.08 -0.22 0.00	22.45 -0.33 0.00	18.62 -0.55 0.00	18.74 -0.77 0.00	25.13 -1.08 0.00	32.86 -1.15 0.00	36.36 -0.93 0.00	38.88 -0.73 0.00	37.50 -0.51 0.00	41.69 -0.64 0.00	43.17 -0.15 0.00	43.32 0.23 0.00	42.97 0.37 0.00	55.81 0.44 0.00	61.78 0.23 0.00	37.41 -0.02 0.00	31.48 0.00 0.00
E_FISHKILL____LBMP 23776	34.72 0.88 0.00	26.78 0.59 0.00	25.48 0.52 0.00	24.61 0.49 0.00	24.00 0.47 0.00	22.79 0.45 0.00	24.63 0.43 0.00	22.78 0.48 0.00	23.35 0.58 0.00	19.74 0.58 0.00	20.09 0.59 0.00	27.21 1.00 0.00	35.46 1.45 0.00	39.22 1.93 0.00	41.59 1.98 0.00	39.95 1.94 0.00	44.48 2.15 0.00	45.78 2.46 0.00	45.33 2.24 0.00	44.53 1.93 0.00	57.91 2.54 0.00	63.92 2.38 0.00	38.85 1.42 0.00	32.70 1.22 0.00
FALCON____SEABRD_CC1 323796	35.14 1.31 0.00	27.24 1.05 0.00	25.99 1.03 0.00	25.12 1.01 0.00	24.53 0.99 0.00	23.30 0.96 0.00	25.29 1.10 0.00	23.36 1.07 0.00	23.75 0.97 0.00	19.99 0.83 0.00	20.41 0.90 0.00	27.50 1.29 0.00	35.52 1.52 0.00	39.04 1.76 0.00	41.56 1.96 0.00	39.52 1.52 0.00	44.01 1.68 0.00	45.09 1.78 0.00	44.89 1.79 0.00	44.55 1.95 0.00	58.04 2.66 0.00	64.39 2.84 0.00	39.38 1.95 0.00	33.02 1.53 0.00

FALCON___SEABRD_CC2 323797	35.14 1.31 0.00	27.24 1.05 0.00	25.99 1.03 0.00	25.12 1.01 0.00	24.53 0.99 0.00	23.30 0.96 0.00	25.29 1.10 0.00	23.36 1.07 0.00	23.75 0.97 0.00	19.99 0.83 0.00	20.41 0.90 0.00	27.50 1.29 0.00	35.52 1.52 0.00	39.04 1.76 0.00	41.56 1.96 0.00	39.52 1.52 0.00	44.01 1.68 0.00	45.09 1.78 0.00	44.89 1.79 0.00	44.55 1.95 0.00	58.04 2.66 0.00	64.39 2.84 0.00	39.38 1.95 0.00	33.02 1.53 0.00
FAR ROCKAWAY___4 23548	35.95 2.12 0.00	29.64 1.55 -1.90	26.33 1.38 0.00	25.34 1.22 0.00	24.69 1.15 0.00	23.43 1.08 0.00	25.27 1.07 0.00	23.41 1.11 0.00	24.60 1.33 -0.49	21.07 1.27 -0.63	20.88 1.38 0.00	30.63 2.14 -2.28	37.50 2.94 -0.56	53.19 3.65 -12.26	43.25 3.64 0.00	41.64 3.63 0.00	46.31 3.98 0.00	47.59 4.28 0.00	46.92 3.82 0.00	45.87 3.26 0.00	59.81 4.44 0.00	65.98 4.43 0.00	40.29 2.85 0.00	33.87 2.38 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	35.16 1.33 0.00	27.11 0.93 0.00	25.78 0.82 0.00	24.85 0.74 0.00	24.23 0.70 0.00	23.00 0.66 0.00	24.84 0.64 0.00	23.02 0.72 0.00	23.60 0.83 0.00	20.03 0.87 0.00	20.40 0.90 0.00	27.67 1.46 0.00	36.10 2.09 0.00	39.95 2.67 0.00	42.29 2.68 0.00	40.66 2.65 0.00	45.29 2.96 0.00	46.60 3.29 0.00	46.03 2.94 0.00	45.16 2.55 0.00	58.74 3.37 0.00	64.84 3.29 0.00	39.43 2.00 0.00	33.18 1.70 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	35.36 1.53 0.00	27.15 0.96 0.00	25.80 0.85 0.00	24.87 0.76 0.00	24.21 0.68 0.00	22.99 0.65 0.00	24.81 0.62 0.00	23.00 0.70 0.00	23.58 0.81 0.00	20.01 0.85 0.00	20.38 0.87 0.00	27.64 1.43 0.00	36.05 2.05 0.00	39.90 2.62 0.00	42.24 2.63 0.00	40.62 2.61 0.00	45.24 2.91 0.00	46.55 3.23 0.00	45.97 2.88 0.00	45.11 2.51 0.00	58.82 3.44 0.00	64.91 3.37 0.00	39.48 2.05 0.00	33.22 1.74 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	35.16 1.33 0.00	27.11 0.93 0.00	25.77 0.82 0.00	24.85 0.74 0.00	24.23 0.70 0.00	23.00 0.66 0.00	24.84 0.64 0.00	23.02 0.72 0.00	23.60 0.82 0.00	20.03 0.87 0.00	20.39 0.89 0.00	27.66 1.45 0.00	36.08 2.08 0.00	39.94 2.66 0.00	42.27 2.66 0.00	40.65 2.65 0.00	45.28 2.95 0.00	46.58 3.26 0.00	46.02 2.92 0.00	45.14 2.53 0.00	58.72 3.35 0.00	64.83 3.28 0.00	39.42 1.99 0.00	33.18 1.70 0.00
FARRAGUT___LBMP 323566	35.14 1.30 0.00	27.10 0.91 0.00	25.76 0.80 0.00	24.84 0.72 0.00	24.21 0.68 0.00	22.99 0.65 0.00	24.81 0.62 0.00	23.00 0.70 0.00	23.58 0.81 0.00	20.01 0.85 0.00	20.38 0.87 0.00	27.64 1.43 0.00	36.05 2.05 0.00	39.90 2.62 0.00	42.24 2.63 0.00	40.62 2.61 0.00	45.24 2.91 0.00	46.55 3.23 0.00	45.97 2.88 0.00	45.10 2.50 0.00	58.67 3.30 0.00	64.78 3.23 0.00	39.39 1.96 0.00	33.15 1.66 0.00
FENNER___WINDPWR 24204	34.23 0.39 0.00	26.48 0.29 0.00	25.19 0.24 0.00	24.32 0.21 0.00	23.75 0.21 0.00	22.54 0.20 0.00	24.44 0.24 0.00	22.51 0.21 0.00	22.92 0.14 0.00	19.26 0.09 0.00	19.57 0.07 0.00	26.33 0.12 0.00	34.25 0.24 0.00	37.69 0.41 0.00	40.04 0.44 0.00	38.51 0.50 0.00	43.07 0.74 0.00	44.34 1.03 0.00	44.38 1.29 0.00	43.93 1.32 0.00	57.03 1.66 0.00	63.19 1.64 0.00	38.36 0.93 0.00	32.15 0.67 0.00
FIBERTEK___ENERGY 23856	33.65 -0.19 0.00	26.05 -0.14 0.00	24.79 -0.17 0.00	23.91 -0.20 0.00	23.35 -0.18 0.00	22.17 -0.18 0.00	24.03 -0.16 0.00	22.13 -0.17 0.00	22.60 -0.18 0.00	18.99 -0.17 0.00	19.32 -0.18 0.00	25.96 -0.25 0.00	33.78 -0.23 0.00	37.19 -0.09 0.00	39.49 -0.12 0.00	37.98 -0.02 0.00	42.47 0.14 0.00	43.68 0.36 0.00	43.60 0.51 0.00	43.04 0.43 0.00	55.83 0.45 0.00	61.90 0.35 0.00	37.62 0.19 0.00	31.58 0.10 0.00
FITZPATRICK____ 23598	32.92 -0.91 0.00	25.51 -0.68 0.00	24.28 -0.67 0.00	23.44 -0.67 0.00	22.89 -0.64 0.00	21.73 -0.62 0.00	23.55 -0.65 0.00	21.69 -0.60 0.00	22.15 -0.62 0.00	18.62 -0.54 0.00	18.94 -0.56 0.00	25.37 -0.84 0.00	32.96 -1.04 0.00	36.24 -1.04 0.00	38.48 -1.12 0.00	36.97 -1.04 0.00	41.26 -1.07 0.00	42.35 -0.96 0.00	42.24 -0.85 0.00	41.71 -0.90 0.00	54.16 -1.21 0.00	60.14 -1.40 0.00	36.59 -0.84 0.00	30.75 -0.73 0.00
FLOWRFLD_69_KV_BK1 356044	35.77 1.94 0.00	29.56 1.47 -1.90	26.26 1.31 0.00	25.23 1.11 0.00	24.58 1.05 0.00	23.33 0.99 0.00	25.17 0.98 0.00	23.34 1.04 0.00	24.66 1.39 -0.49	21.02 1.22 -0.63	20.74 1.24 0.00	30.38 1.89 -2.28	37.22 2.66 -0.56	52.96 3.41 -12.26	43.02 3.41 0.00	41.41 3.41 0.00	46.09 3.76 0.00	47.09 3.78 0.00	46.25 3.16 0.00	45.19 2.59 0.00	59.32 3.95 0.00	65.21 3.66 0.00	39.67 2.24 0.00	33.37 1.88 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	35.13 1.30 0.00	27.09 0.90 0.00	25.75 0.79 0.00	24.85 0.74 0.00	24.23 0.70 0.00	23.01 0.67 0.00	24.87 0.68 0.00	23.01 0.71 0.00	23.60 0.82 0.00	19.96 0.80 0.00	20.33 0.83 0.00	27.54 1.33 0.00	35.96 1.96 0.00	39.81 2.53 0.00	42.27 2.66 0.00	40.65 2.64 0.00	45.33 3.00 0.00	46.71 3.39 0.00	46.29 3.19 0.00	45.43 2.82 0.00	59.03 3.65 0.00	65.08 3.53 0.00	39.49 2.06 0.00	33.21 1.72 0.00
FORT ORANGE____ 23900	34.04 0.20 0.00	26.30 0.11 0.00	25.18 0.23 0.00	24.53 0.41 0.00	23.93 0.40 0.00	22.75 0.41 0.00	24.57 0.38 0.00	22.67 0.37 0.00	23.11 0.34 0.00	19.33 0.16 0.00	19.61 0.10 0.00	26.27 0.06 0.00	34.14 0.14 0.00	37.67 0.39 0.00	40.13 0.52 0.00	38.54 0.53 0.00	42.86 0.53 0.00	44.11 0.80 0.00	43.94 0.84 0.00	43.38 0.78 0.00	56.41 1.04 0.00	62.37 0.82 0.00	37.87 0.44 0.00	31.88 0.40 0.00
FORT_DRUM_COGEN 23780	33.94 0.10 0.00	26.21 0.03 0.00	24.83 -0.12 0.00	24.05 -0.06 0.00	23.48 -0.05 0.00	22.30 -0.04 0.00	24.19 0.00 0.00	22.25 -0.05 0.00	22.54 -0.23 0.00	18.79 -0.37 0.00	19.04 -0.47 0.00	25.50 -0.71 0.00	33.11 -0.89 0.00	36.50 -0.78 0.00	38.74 -0.87 0.00	37.21 -0.80 0.00	41.71 -0.62 0.00	43.07 -0.24 0.00	43.64 0.55 0.00	43.66 1.06 0.00	57.03 1.65 0.00	63.02 1.48 0.00	38.22 0.79 0.00	31.89 0.41 0.00
FOX_HILLS___ESR 323835	35.40 1.57 0.00	27.32 1.13 0.00	25.96 1.01 0.00	25.03 0.91 0.00	24.38 0.85 0.00	23.14 0.79 0.00	24.99 0.80 0.00	23.16 0.86 -0.01	23.75 0.97 0.00	20.14 0.97 0.00	20.50 0.99 0.00	27.81 1.60 0.00	36.30 2.29 0.00	40.15 2.86 -0.01	42.49 2.88 0.00	40.95 2.94 0.00	45.53 3.20 0.00	46.83 3.51 0.00	46.25 3.16 0.00	45.35 2.75 0.00	58.97 3.60 0.00	65.11 3.57 0.00	39.65 2.22 0.00	200.30 1.88 -166.93
FPL FAR_ROCK_GT1 24212	35.95 2.12 0.00	29.64 1.55 -1.91	26.33 1.38 0.00	25.34 1.22 0.00	24.69 1.15 0.00	23.42 1.08 0.00	25.26 1.07 0.00	23.41 1.11 0.00	24.60 1.33 -0.49	21.07 1.27 -0.64	20.88 1.38 0.00	30.63 2.14 -2.28	37.50 2.93 -0.56	53.20 3.66 -12.26	43.25 3.64 0.00	41.64 3.63 0.00	46.31 3.98 0.00	47.59 4.28 0.00	46.92 3.82 0.00	45.86 3.26 0.00	59.81 4.44 0.00	65.99 4.44 0.00	40.28 2.86 0.00	33.87 2.38 0.00



FPL FAR_ROCK_GT2 23815	35.95 2.12 0.00	29.64 1.55 -1.91	26.33 1.38 0.00	25.34 1.22 0.00	24.69 1.15 0.00	23.42 1.08 0.00	25.26 1.07 0.00	23.41 1.11 0.00	24.60 1.33 -0.49	21.07 1.27 -0.64	20.88 1.38 0.00	30.63 2.14 -2.28	37.50 2.93 -0.56	53.20 3.66 -12.26	43.25 3.64 0.00	41.64 3.63 0.00	46.31 3.98 0.00	47.59 4.28 0.00	46.92 3.82 0.00	45.86 3.26 0.00	59.81 4.44 0.00	65.99 4.44 0.00	40.28 2.86 0.00	33.87 2.38 0.00
FRANKLIN_FALL_HYD 24054	34.59 0.76 0.00	26.82 0.64 0.00	25.57 0.62 0.00	24.66 0.55 0.00	24.06 0.53 0.00	22.83 0.49 0.00	24.80 0.61 0.00	22.91 0.61 0.00	23.33 0.56 0.00	19.62 0.46 0.00	20.06 0.56 0.00	26.96 0.75 0.00	34.78 0.77 0.00	38.04 0.76 0.00	40.47 0.87 0.00	38.63 0.62 0.00	42.95 0.62 0.00	43.69 0.37 0.00	43.66 0.56 0.00	43.54 0.93 0.00	56.66 1.29 0.00	62.96 1.41 0.00	38.28 0.85 0.00	32.08 0.59 0.00
FREEPORT_EQUS_GT1 23764	35.72 1.89 0.00	29.47 1.38 -1.91	26.17 1.22 0.00	25.18 1.07 0.00	24.53 1.00 0.00	23.28 0.93 0.00	25.10 0.90 0.00	23.27 0.97 0.00	24.46 1.20 -0.49	20.94 1.14 -0.64	20.73 1.23 0.00	30.39 1.91 -2.28	37.19 2.63 -0.56	52.81 3.27 -12.26	42.74 3.13 0.00	41.12 3.11 0.00	45.69 3.36 0.00	46.94 3.63 0.00	46.27 3.18 0.00	45.21 2.60 0.00	58.99 3.62 0.00	65.04 3.49 0.00	39.92 2.49 0.00	33.55 2.06 0.00
FREEPORT___CT2 23818	35.72 1.89 0.00	29.47 1.38 -1.91	26.17 1.22 0.00	25.18 1.07 0.00	24.53 1.00 0.00	23.28 0.93 0.00	25.10 0.90 0.00	23.27 0.97 0.00	24.46 1.20 -0.49	20.94 1.14 -0.64	20.73 1.23 0.00	30.39 1.91 -2.28	37.19 2.63 -0.56	52.81 3.27 -12.26	42.74 3.13 0.00	41.12 3.11 0.00	45.69 3.36 0.00	46.94 3.63 0.00	46.27 3.18 0.00	45.21 2.60 0.00	58.99 3.62 0.00	65.04 3.49 0.00	39.92 2.49 0.00	33.55 2.06 0.00
FRESHKLS_33_KV_LOAD 356253	35.42 1.58 0.00	27.34 1.16 0.00	25.99 1.03 0.00	25.04 0.92 0.00	24.36 0.82 0.00	23.12 0.77 0.00	24.98 0.78 0.00	23.14 0.83 -0.01	23.71 0.93 0.00	20.08 0.91 0.00	20.44 0.93 0.00	27.81 1.60 0.00	36.28 2.28 0.00	40.14 2.85 -0.01	42.52 2.91 0.00	41.02 3.01 0.00	45.59 3.26 0.00	46.87 3.55 0.00	46.28 3.19 0.00	45.39 2.78 0.00	59.00 3.63 0.00	65.15 3.61 0.00	39.66 2.23 0.00	200.31 1.89 -166.93
FULTON COGEN____ 23766	33.15 -0.68 0.00	25.67 -0.52 0.00	24.43 -0.53 0.00	23.57 -0.54 0.00	23.02 -0.51 0.00	21.85 -0.49 0.00	23.68 -0.51 0.00	21.82 -0.48 0.00	22.28 -0.49 0.00	18.72 -0.44 0.00	19.03 -0.48 0.00	25.51 -0.70 0.00	33.16 -0.84 0.00	36.48 -0.80 0.00	38.77 -0.84 0.00	37.26 -0.74 0.00	41.64 -0.69 0.00	42.80 -0.52 0.00	42.78 -0.31 0.00	42.24 -0.37 0.00	54.84 -0.53 0.00	60.85 -0.69 0.00	37.00 -0.43 0.00	31.06 -0.42 0.00
FULTON___LFGE 323630	35.71 1.88 0.00	27.61 1.42 0.00	26.27 1.31 0.00	25.32 1.21 0.00	24.71 1.18 0.00	23.46 1.12 0.00	25.43 1.24 0.00	23.43 1.13 0.00	23.74 0.96 0.00	19.73 0.56 0.00	19.88 0.38 0.00	26.55 0.34 0.00	34.55 0.55 0.00	38.05 0.76 0.00	40.76 1.15 0.00	39.01 1.01 0.00	43.86 1.53 0.00	45.40 2.08 0.00	45.74 2.65 0.00	45.68 3.08 0.00	59.48 4.11 0.00	65.96 4.41 0.00	40.05 2.62 0.00	33.57 2.08 0.00
G.F.CEMENT___DRP 24184	35.97 2.14 0.00	27.72 1.53 0.00	26.43 1.48 0.00	25.60 1.48 0.00	24.87 1.33 0.00	23.63 1.29 0.00	25.57 1.37 0.00	23.45 1.15 0.00	23.94 1.16 0.00	20.00 0.84 0.00	20.21 0.70 0.00	27.20 0.99 0.00	35.39 1.38 0.00	39.10 1.81 0.00	41.98 2.37 0.00	40.33 2.33 0.00	45.04 2.71 0.00	46.58 3.27 0.00	46.68 3.59 0.00	46.08 3.47 0.00	59.85 4.48 0.00	65.88 4.33 0.00	40.15 2.72 0.00	33.80 2.31 0.00
GARDENVILLE___LBMP 24039	32.34 -1.49 0.00	25.22 -0.97 0.00	23.95 -1.00 0.00	22.85 -1.26 0.00	22.37 -1.16 0.00	21.15 -1.19 0.00	23.16 -1.04 0.00	21.20 -1.10 0.00	21.76 -1.02 0.00	18.42 -0.75 0.00	19.09 -0.42 0.00	25.77 -0.44 0.00	33.49 -0.51 0.00	36.83 -0.46 0.00	38.87 -0.74 0.00	37.41 -0.60 0.00	42.04 -0.29 0.00	43.32 0.00 0.00	43.63 0.54 0.00	42.85 0.24 0.00	55.62 0.25 0.00	62.05 0.50 0.00	38.12 0.70 0.00	31.87 0.39 0.00
GARDNVLA_35_KV_LD 355827	32.45 -1.38 0.00	25.30 -0.89 0.00	24.03 -0.93 0.00	22.92 -1.20 0.00	22.44 -1.10 0.00	21.20 -1.14 0.00	23.22 -0.98 0.00	21.27 -1.04 0.00	21.83 -0.95 0.00	18.47 -0.69 0.00	19.16 -0.34 0.00	25.87 -0.34 0.00	33.62 -0.38 0.00	36.99 -0.29 0.00	39.07 -0.54 0.00	37.60 -0.40 0.00	42.27 -0.06 0.00	43.56 0.24 0.00	43.86 0.77 0.00	43.07 0.47 0.00	55.90 0.53 0.00	62.35 0.81 0.00	38.29 0.86 0.00	32.01 0.53 0.00
GELCKHM__115KV_LOAD 80723	33.41 -0.42 0.00	25.88 -0.31 0.00	24.63 -0.33 0.00	23.76 -0.35 0.00	23.20 -0.33 0.00	22.02 -0.32 0.00	23.88 -0.32 0.00	21.99 -0.31 0.00	22.46 -0.32 0.00	18.88 -0.29 0.00	19.22 -0.28 0.00	25.80 -0.41 0.00	33.55 -0.46 0.00	36.93 -0.35 0.00	39.22 -0.39 0.00	37.70 -0.31 0.00	42.13 -0.20 0.00	43.32 0.00 0.00	43.23 0.14 0.00	42.66 0.05 0.00	55.36 -0.02 0.00	61.42 -0.12 0.00	37.34 -0.09 0.00	31.35 -0.14 0.00
GENERAL___MILLS 23808	32.41 -1.42 0.00	25.27 -0.92 0.00	24.00 -0.96 0.00	22.89 -1.22 0.00	22.41 -1.12 0.00	21.19 -1.15 0.00	23.20 -1.00 0.00	21.24 -1.06 0.00	21.81 -0.97 0.00	18.45 -0.71 0.00	19.13 -0.37 0.00	25.82 -0.39 0.00	33.56 -0.44 0.00	36.91 -0.37 0.00	38.97 -0.64 0.00	37.51 -0.49 0.00	42.16 -0.16 0.00	43.44 0.13 0.00	43.76 0.67 0.00	42.96 0.35 0.00	55.79 0.41 0.00	62.23 0.69 0.00	38.22 0.79 0.00	31.95 0.47 0.00
GE_PLASTICS___DRP 24183	33.99 0.16 0.00	26.27 0.08 0.00	25.13 0.17 0.00	24.43 0.31 0.00	23.84 0.30 0.00	22.64 0.30 0.00	24.47 0.28 0.00	22.57 0.27 0.00	23.03 0.25 0.00	19.31 0.14 0.00	19.61 0.10 0.00	26.32 0.11 0.00	34.21 0.21 0.00	37.73 0.45 0.00	40.16 0.55 0.00	38.54 0.53 0.00	42.84 0.51 0.00	44.04 0.72 0.00	43.79 0.70 0.00	43.20 0.59 0.00	56.18 0.81 0.00	62.17 0.62 0.00	37.77 0.35 0.00	31.82 0.34 0.00
GILBOA___1 23756	34.12 0.29 0.00	26.38 0.19 0.00	25.16 0.20 0.00	24.43 0.31 0.00	23.83 0.30 0.00	22.63 0.29 0.00	24.47 0.27 0.00	22.55 0.25 0.00	22.99 0.22 0.00	19.37 0.20 0.00	19.69 0.19 0.00	26.55 0.33 0.00	34.53 0.53 0.00	38.08 0.80 0.00	40.45 0.84 0.00	38.81 0.80 0.00	43.15 0.82 0.00	44.26 0.95 0.00	43.95 0.85 0.00	43.32 0.72 0.00	56.42 1.04 0.00	62.42 0.87 0.00	38.01 0.58 0.00	32.02 0.54 0.00
GILBOA___2 23757	34.12 0.29 0.00	26.38 0.19 0.00	25.16 0.20 0.00	24.43 0.31 0.00	23.83 0.30 0.00	22.63 0.29 0.00	24.47 0.27 0.00	22.55 0.25 0.00	22.99 0.22 0.00	19.37 0.20 0.00	19.69 0.19 0.00	26.55 0.33 0.00	34.53 0.53 0.00	38.08 0.80 0.00	40.45 0.84 0.00	38.81 0.80 0.00	43.15 0.82 0.00	44.26 0.95 0.00	43.95 0.85 0.00	43.32 0.72 0.00	56.42 1.04 0.00	62.42 0.87 0.00	38.01 0.58 0.00	32.02 0.54 0.00

GILBOA___3 23758	34.12 0.29 0.00	26.38 0.19 0.00	25.16 0.20 0.00	24.43 0.31 0.00	23.83 0.30 0.00	22.63 0.29 0.00	24.47 0.27 0.00	22.55 0.25 0.00	22.99 0.22 0.00	19.37 0.20 0.00	19.69 0.19 0.00	26.55 0.33 0.00	34.53 0.53 0.00	38.08 0.80 0.00	40.45 0.84 0.00	38.81 0.80 0.00	43.15 0.82 0.00	44.26 0.95 0.00	43.95 0.85 0.00	43.32 0.72 0.00	56.42 1.04 0.00	62.42 0.87 0.00	38.01 0.58 0.00	32.02 0.54 0.00
GILBOA___4 23759	34.12 0.29 0.00	26.38 0.19 0.00	25.16 0.20 0.00	24.43 0.31 0.00	23.83 0.30 0.00	22.63 0.29 0.00	24.47 0.27 0.00	22.55 0.25 0.00	22.99 0.22 0.00	19.37 0.20 0.00	19.69 0.19 0.00	26.55 0.33 0.00	34.53 0.53 0.00	38.08 0.80 0.00	40.45 0.84 0.00	38.81 0.80 0.00	43.15 0.82 0.00	44.26 0.95 0.00	43.95 0.85 0.00	43.32 0.72 0.00	56.42 1.04 0.00	62.42 0.87 0.00	38.01 0.58 0.00	32.02 0.54 0.00
GILBOA___ 23599	34.13 0.29 0.00	26.38 0.19 0.00	25.16 0.21 0.00	24.43 0.31 0.00	23.83 0.30 0.00	22.63 0.29 0.00	24.48 0.28 0.00	22.55 0.25 0.00	22.99 0.22 0.00	19.36 0.20 0.00	19.69 0.19 0.00	26.55 0.34 0.00	34.53 0.52 0.00	38.08 0.79 0.00	40.45 0.84 0.00	38.81 0.80 0.00	43.15 0.82 0.00	44.26 0.94 0.00	43.95 0.85 0.00	43.32 0.72 0.00	56.42 1.05 0.00	62.42 0.88 0.00	38.01 0.58 0.00	32.03 0.54 0.00
GINNA___ 23603	31.64 -2.19 0.00	24.56 -1.63 0.00	23.35 -1.61 0.00	22.40 -1.72 0.00	21.89 -1.64 0.00	20.75 -1.60 0.00	22.59 -1.61 0.00	20.75 -1.55 0.00	21.23 -1.54 0.00	17.90 -1.26 0.00	18.40 -1.11 0.00	24.71 -1.50 0.00	32.20 -1.80 0.00	35.50 -1.78 0.00	37.61 -2.00 0.00	36.27 -1.74 0.00	40.67 -1.66 0.00	41.98 -1.33 0.00	42.12 -0.97 0.00	41.45 -1.16 0.00	53.74 -1.63 0.00	59.73 -1.81 0.00	36.38 -1.05 0.00	30.42 -1.06 0.00
GLEN PARK___ 23778	33.99 0.15 0.00	26.25 0.05 0.00	24.86 -0.10 0.00	24.08 -0.03 0.00	23.51 -0.02 0.00	22.33 -0.01 0.00	24.23 0.03 0.00	22.27 -0.03 0.00	22.55 -0.23 0.00	18.78 -0.38 0.00	19.02 -0.49 0.00	25.47 -0.74 0.00	33.08 -0.93 0.00	36.51 -0.78 0.00	38.70 -0.91 0.00	37.17 -0.84 0.00	41.69 -0.64 0.00	43.09 -0.22 0.00	43.66 0.57 0.00	43.71 1.11 0.00	57.08 1.71 0.00	63.04 1.49 0.00	38.26 0.82 0.00	31.92 0.44 0.00
GLENDALE_27_KV_LOAD 356172	35.37 1.53 0.00	27.29 1.10 0.00	25.93 0.97 0.00	25.01 0.89 0.00	24.38 0.84 0.00	23.15 0.80 0.00	24.99 0.79 0.00	23.17 0.86 -0.01	23.76 0.98 0.00	20.17 1.00 0.00	20.55 1.05 0.00	27.86 1.65 0.00	36.37 2.37 0.00	40.23 2.95 0.00	42.57 2.97 0.00	40.97 2.96 0.00	45.62 3.29 0.00	46.94 3.63 0.00	46.39 3.30 0.00	45.49 2.89 0.00	59.17 3.80 0.00	65.32 3.78 0.00	39.76 2.33 0.00	33.44 1.96 0.00
GLENWOOD_IC_1_G1 23712	35.65 1.82 0.00	29.42 1.33 -1.90	26.13 1.18 0.00	25.14 1.03 0.00	24.50 0.96 0.00	23.25 0.90 0.00	25.07 0.88 0.00	23.23 0.93 0.00	24.42 1.16 -0.49	20.90 1.11 -0.63	20.69 1.19 0.00	30.37 1.88 -2.28	37.16 2.60 -0.56	52.82 3.28 -12.26	42.88 3.27 0.00	41.24 3.23 0.00	45.55 3.23 0.00	46.77 3.45 0.00	46.06 2.97 0.00	45.03 2.43 0.00	58.73 3.35 0.00	64.78 3.24 0.00	39.84 2.41 0.00	33.51 2.03 0.00
GLENWOOD_IC_2_G1 23688	35.55 1.72 0.00	29.34 1.25 -1.91	26.06 1.11 0.00	25.08 0.97 0.00	24.44 0.90 0.00	23.20 0.85 0.00	25.02 0.82 0.00	23.18 0.88 0.00	24.36 1.09 -0.49	20.85 1.05 -0.64	20.62 1.12 0.00	30.26 1.77 -2.28	37.02 2.45 -0.56	52.64 3.10 -12.26	42.70 3.09 0.00	41.07 3.07 0.00	45.62 3.29 0.00	46.84 3.53 0.00	46.16 3.06 0.00	45.14 2.53 0.00	58.86 3.49 0.00	64.91 3.36 0.00	39.72 2.29 0.00	33.41 1.92 0.00
GLENWOOD_IC_3_G1 23689	35.55 1.72 0.00	29.34 1.25 -1.91	26.06 1.11 0.00	25.08 0.97 0.00	24.44 0.90 0.00	23.20 0.85 0.00	25.02 0.82 0.00	23.18 0.88 0.00	24.36 1.09 -0.49	20.85 1.05 -0.64	20.62 1.12 0.00	30.26 1.77 -2.28	37.02 2.45 -0.56	52.64 3.10 -12.26	42.70 3.09 0.00	41.07 3.07 0.00	45.62 3.29 0.00	46.84 3.53 0.00	46.16 3.06 0.00	45.14 2.53 0.00	58.86 3.49 0.00	64.91 3.36 0.00	39.72 2.29 0.00	33.41 1.92 0.00
GLENWOOD___4 23550	35.65 1.82 0.00	29.42 1.33 -1.90	26.13 1.18 0.00	25.14 1.03 0.00	24.50 0.96 0.00	23.25 0.90 0.00	25.07 0.88 0.00	23.23 0.93 0.00	24.42 1.16 -0.49	20.90 1.11 -0.63	20.69 1.19 0.00	30.37 1.88 -2.28	37.16 2.60 -0.56	52.82 3.28 -12.26	42.88 3.27 0.00	41.25 3.24 0.00	45.67 3.34 0.00	46.89 3.58 0.00	46.18 3.09 0.00	45.15 2.55 0.00	58.89 3.52 0.00	64.92 3.38 0.00	39.84 2.41 0.00	33.51 2.03 0.00
GLENWOOD___5 23614	35.65 1.82 0.00	29.42 1.33 -1.90	26.13 1.18 0.00	25.14 1.03 0.00	24.50 0.96 0.00	23.25 0.90 0.00	25.07 0.88 0.00	23.23 0.93 0.00	24.42 1.16 -0.49	20.90 1.11 -0.63	20.69 1.19 0.00	30.37 1.88 -2.28	37.16 2.60 -0.56	52.82 3.28 -12.26	42.88 3.27 0.00	41.25 3.24 0.00	45.67 3.34 0.00	46.89 3.58 0.00	46.18 3.09 0.00	45.15 2.55 0.00	58.89 3.52 0.00	64.92 3.38 0.00	39.84 2.41 0.00	33.51 2.03 0.00
GLOBAL GREEN_PORT_GT1 23814	36.66 2.82 0.00	30.21 2.11 -1.91	26.85 1.90 0.00	25.79 1.67 0.00	25.12 1.58 0.00	23.85 1.51 0.00	25.77 1.58 0.00	23.93 1.63 0.00	25.52 2.25 -0.49	21.80 2.00 -0.64	21.62 2.12 0.00	31.48 2.99 -2.28	38.68 4.12 -0.56	54.61 5.07 -12.26	44.72 5.11 0.00	43.06 5.06 0.00	47.92 5.59 0.00	48.91 5.59 0.00	47.89 4.79 0.00	46.65 4.04 0.00	61.10 5.73 0.00	66.99 5.44 0.00	40.51 3.08 0.00	33.76 2.27 0.00
GLOBE___DSASP 323697	31.26 -2.57 0.00	24.42 -1.77 0.00	23.20 -1.75 0.00	22.12 -1.99 0.00	21.67 -1.87 0.00	20.46 -1.88 0.00	22.44 -1.76 0.00	20.52 -1.77 0.00	21.09 -1.68 0.00	17.84 -1.32 0.00	18.52 -0.98 0.00	24.89 -1.32 0.00	32.22 -1.79 0.00	35.40 -1.89 0.00	37.33 -2.27 0.00	35.94 -2.07 0.00	40.26 -2.08 0.00	41.45 -1.86 0.00	41.82 -1.27 0.00	41.07 -1.53 0.00	53.41 -1.97 0.00	59.82 -1.73 0.00	36.89 -0.54 0.00	30.89 -0.60 0.00
GOETHSLN___LBMP 323567	34.96 1.13 0.00	26.96 0.77 0.00	25.62 0.67 0.00	24.70 0.59 0.00	24.08 0.55 0.00	22.86 0.52 0.00	24.69 0.50 0.00	22.89 0.59 0.00	23.46 0.69 0.00	19.90 0.74 0.00	20.27 0.77 0.00	27.51 1.30 0.00	35.90 1.89 0.00	39.76 2.47 0.00	42.07 2.46 0.00	40.43 2.42 0.00	45.04 2.71 0.00	46.33 3.02 0.00	45.76 2.66 0.00	44.89 2.29 0.00	58.40 3.03 0.00	64.50 2.96 0.00	39.21 1.78 0.00	33.01 1.52 0.00
GOLAH___69_KV_TB 1_2 80279	33.01 -0.82 0.00	25.66 -0.53 0.00	24.37 -0.58 0.00	23.33 -0.79 0.00	22.82 -0.72 0.00	21.60 -0.74 0.00	23.57 -0.62 0.00	21.62 -0.68 0.00	22.12 -0.66 0.00	18.63 -0.53 0.00	19.18 -0.32 0.00	25.81 -0.40 0.00	33.57 -0.43 0.00	36.99 -0.29 0.00	39.18 -0.43 0.00	37.76 -0.25 0.00	42.41 0.09 0.00	43.83 0.52 0.00	44.17 1.08 0.00	43.48 0.87 0.00	56.47 1.10 0.00	62.84 1.29 0.00	38.35 0.92 0.00	32.04 0.55 0.00

GOODYEAR_LAKE_HYD 323669	34.76 0.93 0.00	26.89 0.70 0.00	25.57 0.62 0.00	24.66 0.54 0.00	24.06 0.52 0.00	22.84 0.50 0.00	24.77 0.57 0.00	22.85 0.55 0.00	23.34 0.56 0.00	19.69 0.52 0.00	20.08 0.58 0.00	27.09 0.88 0.00	35.28 1.27 0.00	38.85 1.57 0.00	41.21 1.60 0.00	39.57 1.56 0.00	44.25 1.92 0.00	45.51 2.19 0.00	45.33 2.24 0.00	44.74 2.14 0.00	58.08 2.70 0.00	64.31 2.76 0.00	39.08 1.65 0.00	32.78 1.29 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	33.62 -0.21 0.00	26.06 -0.13 0.00	24.78 -0.17 0.00	23.90 -0.21 0.00	23.34 -0.20 0.00	22.14 -0.20 0.00	24.02 -0.17 0.00	22.12 -0.19 0.00	22.59 -0.18 0.00	19.04 -0.13 0.00	19.44 -0.07 0.00	26.29 0.08 0.00	34.27 0.26 0.00	37.68 0.40 0.00	39.90 0.29 0.00	38.33 0.32 0.00	42.96 0.63 0.00	44.19 0.87 0.00	44.08 0.99 0.00	43.45 0.84 0.00	56.25 0.88 0.00	62.34 0.79 0.00	37.97 0.54 0.00	31.84 0.36 0.00
GOUDEY___7 23579	33.62 -0.21 0.00	26.06 -0.13 0.00	24.78 -0.17 0.00	23.90 -0.21 0.00	23.34 -0.20 0.00	22.14 -0.20 0.00	24.02 -0.17 0.00	22.12 -0.19 0.00	22.59 -0.18 0.00	19.04 -0.13 0.00	19.44 -0.07 0.00	26.29 0.08 0.00	34.27 0.26 0.00	37.68 0.40 0.00	39.90 0.29 0.00	38.33 0.32 0.00	42.96 0.63 0.00	44.19 0.87 0.00	44.08 0.99 0.00	43.45 0.84 0.00	56.25 0.88 0.00	62.34 0.79 0.00	37.97 0.54 0.00	31.84 0.36 0.00
GOUDEY___8 23580	33.62 -0.21 0.00	26.06 -0.13 0.00	24.78 -0.17 0.00	23.90 -0.21 0.00	23.34 -0.20 0.00	22.14 -0.20 0.00	24.02 -0.17 0.00	22.12 -0.19 0.00	22.59 -0.18 0.00	19.04 -0.13 0.00	19.44 -0.07 0.00	26.29 0.08 0.00	34.27 0.26 0.00	37.68 0.40 0.00	39.90 0.29 0.00	38.33 0.32 0.00	42.96 0.63 0.00	44.19 0.87 0.00	44.08 0.99 0.00	43.45 0.84 0.00	56.25 0.88 0.00	62.34 0.79 0.00	37.97 0.54 0.00	31.84 0.36 0.00
GOWANUS_GT1_1 24077	35.38 1.55 0.00	27.30 1.12 0.00	25.94 0.98 0.00	25.01 0.90 0.00	24.38 0.85 0.00	23.15 0.80 0.00	24.99 0.80 0.00	23.18 0.87 -0.01	23.76 0.98 0.00	20.16 0.99 0.00	20.53 1.02 0.00	27.86 1.65 0.00	36.35 2.34 0.00	40.20 2.91 -0.01	42.53 2.92 0.00	40.96 2.95 0.00	45.57 3.24 0.00	46.86 3.55 0.00	46.32 3.23 0.00	45.42 2.82 0.00	59.08 3.71 0.00	65.22 3.68 0.00	39.72 2.29 0.00	200.34 1.92 -166.93
GOWANUS_GT1_2 24078	35.38 1.55 0.00	27.30 1.12 0.00	25.94 0.98 0.00	25.01 0.90 0.00	24.38 0.85 0.00	23.15 0.80 0.00	24.99 0.80 0.00	23.18 0.87 -0.01	23.76 0.98 0.00	20.16 0.99 0.00	20.53 1.02 0.00	27.86 1.65 0.00	36.35 2.34 0.00	40.20 2.91 -0.01	42.53 2.92 0.00	40.96 2.95 0.00	45.57 3.24 0.00	46.86 3.55 0.00	46.32 3.23 0.00	45.42 2.82 0.00	59.08 3.71 0.00	65.22 3.68 0.00	39.72 2.29 0.00	200.34 1.92 -166.93
GOWANUS_GT1_3 24079	35.38 1.55 0.00	27.30 1.12 0.00	25.94 0.98 0.00	25.01 0.90 0.00	24.38 0.85 0.00	23.15 0.80 0.00	24.99 0.80 0.00	23.18 0.87 -0.01	23.76 0.98 0.00	20.16 0.99 0.00	20.53 1.02 0.00	27.86 1.65 0.00	36.35 2.34 0.00	40.20 2.91 -0.01	42.53 2.92 0.00	40.96 2.95 0.00	45.57 3.24 0.00	46.86 3.55 0.00	46.32 3.23 0.00	45.42 2.82 0.00	59.08 3.71 0.00	65.22 3.68 0.00	39.72 2.29 0.00	200.34 1.92 -166.93
GOWANUS_GT1_4 24080	35.38 1.55 0.00	27.30 1.12 0.00	25.94 0.98 0.00	25.01 0.90 0.00	24.38 0.85 0.00	23.15 0.80 0.00	24.99 0.80 0.00	2																

GOWANUS_GT2_4 24117	35.38 1.55 0.00	27.30 1.12 0.00	25.94 0.99 0.00	25.01 0.90 0.00	24.38 0.85 0.00	23.15 0.80 0.00	24.99 0.80 0.00	23.18 0.87 -0.01	23.76 0.98 0.00	20.16 0.99 0.00	20.53 1.02 0.00	27.86 1.65 0.00	36.34 2.34 0.00	40.20 2.91 -0.01	42.52 2.91 0.00	40.96 2.95 0.00	45.57 3.24 0.00	46.87 3.55 0.00	46.32 3.23 0.00	45.43 2.82 0.00	59.08 3.71 0.00	65.22 3.68 0.00	39.72 2.29 0.00	200.34 1.93 -166.93
GOWANUS_GT2_5 24118	35.38 1.55 0.00	27.30 1.12 0.00	25.94 0.99 0.00	25.01 0.90 0.00	24.38 0.85 0.00	23.15 0.80 0.00	24.99 0.80 0.00	23.18 0.87 -0.01	23.76 0.98 0.00	20.16 0.99 0.00	20.53 1.02 0.00	27.86 1.65 0.00	36.34 2.34 0.00	40.20 2.91 -0.01	42.52 2.91 0.00	40.96 2.95 0.00	45.57 3.24 0.00	46.87 3.55 0.00	46.32 3.23 0.00	45.43 2.82 0.00	59.08 3.71 0.00	65.22 3.68 0.00	39.72 2.29 0.00	200.34 1.93 -166.93
GOWANUS_GT2_6 24119	35.38 1.55 0.00	27.30 1.12 0.00	25.94 0.99 0.00	25.01 0.90 0.00	24.38 0.85 0.00	23.15 0.80 0.00	24.99 0.80 0.00	23.18 0.87 -0.01	23.76 0.98 0.00	20.16 0.99 0.00	20.53 1.02 0.00	27.86 1.65 0.00	36.34 2.34 0.00	40.20 2.91 -0.01	42.52 2.91 0.00	40.96 2.95 0.00	45.57 3.24 0.00	46.87 3.55 0.00	46.32 3.23 0.00	45.43 2.82 0.00	59.08 3.71 0.00	65.22 3.68 0.00	39.72 2.29 0.00	200.34 1.93 -166.93
GOWANUS_GT2_7 24120	35.38 1.55 0.00	27.30 1.12 0.00	25.94 0.99 0.00	25.01 0.90 0.00	24.38 0.85 0.00	23.15 0.80 0.00	24.99 0.80 0.00	23.18 0.87 -0.01	23.76 0.98 0.00	20.16 0.99 0.00	20.53 1.02 0.00	27.86 1.65 0.00	36.34 2.34 0.00	40.20 2.91 -0.01	42.52 2.91 0.00	40.96 2.95 0.00	45.57 3.24 0.00	46.87 3.55 0.00	46.32 3.23 0.00	45.43 2.82 0.00	59.08 3.71 0.00	65.22 3.68 0.00	39.72 2.29 0.00	200.34 1.93 -166.93
GOWANUS_GT2_8 24121	35.38 1.55 0.00	27.30 1.12 0.00	25.94 0.99 0.00	25.01 0.90 0.00	24.38 0.85 0.00	23.15 0.80 0.00	24.99 0.80 0.00	23.18 0.87 -0.01	23.76 0.98 0.00	20.16 0.99 0.00	20.53 1.02 0.00	27.86 1.65 0.00	36.34 2.34 0.00	40.20 2.91 -0.01	42.52 2.91 0.00	40.96 2.95 0.00	45.57 3.24 0.00	46.87 3.55 0.00	46.32 3.23 0.00	45.43 2.82 0.00	59.08 3.71 0.00	65.22 3.68 0.00	39.72 2.29 0.00	200.34 1.93 -166.93
GOWANUS_GT3_1 24122	35.38 1.55 0.00	27.30 1.12 0.00	25.94 0.99 0.00	25.01 0.90 0.00	24.38 0.85 0.00	23.15 0.80 0.00	24.99 0.80 0.00	23.18 0.87 -0.01	23.76 0.98 0.00	20.16 0.99 0.00	20.53 1.02 0.00	27.86 1.65 0.00	36.34 2.34 0.00	40.20 2.91 -0.01	42.52 2.91 0.00	40.96 2.95 0.00	45.57 3.24 0.00	46.87 3.55 0.00	46.32 3.23 0.00	45.43 2.82 0.00	59.08 3.71 0.00	65.22 3.68 0.00	39.72 2.29 0.00	200.34 1.93 -166.93
GOWANUS_GT3_2 24123	35.38 1.55 0.00	27.30 1.12 0.00	25.94 0.99 0.00	25.01 0.90 0.00	24.38 0.85 0.00	23.15 0.80 0.00	24.99 0.80 0.00	23.18 0.87 -0.01	23.76 0.98 0.00	20.16 0.99 0.00	20.53 1.02 0.00	27.86 1.65 0.00	36.34 2.34 0.00	40.20 2.91 -0.01	42.52 2.91 0.00	40.96 2.95 0.00	45.57 3.24 0.00	46.87 3.55 0.00	46.32 3.23 0.00	45.43 2.82 0.00	59.08 3.71 0.00	65.22 3.68 0.00	39.72 2.29 0.00	200.34 1.93 -166.93
GOWANUS_GT3_3 24124	35.38 1.55 0.00	27.30 1.12 0.00	25.94 0.99 0.00	25.01 0.90 0.00	24.38 0.85 0.00	23.15 0.80 0.00	24.99 0.80 0.00	23.18 0.87 -0.01	23.76 0.98 0.00	20.16 0.99 0.00	20.53 1.02 0.00	27.86 1.65 0.00	36.34 2.34 0.00	40.20 2.91 -0.01	42.52 2.91 0.00	40.96 2.95 0.00	45.57 3.24 0.00	46.87 3.55 0.00	46.32 3.23 0.00	45.43 2.82 0.00	59.08 3.71 0.00	65.22 3.68 0.00	39.72 2.29 0.00	200.34 1.93 -166.93
GOWANUS_GT3_4 24125	35.38 1.55 0.00	27.30 1.12 0.00	25.94 0.99 0.00	25.01 0.90 0.00	24.38 0.85 0.00	23.15 0.80 0.00	24.99 0.80 0.00	23.18 0.87 -0.01	23.76 0.98 0.00	20.16 0.99 0.00	20.53 1.02 0.00	27.86 1.65 0.00	36.34 2.34 0.00	40.20 2.91 -0.01	42.52 2.91 0.00	40.96 2.95 0.00	45.57 3.24 0.00	46.87 3.55 0.00	46.32 3.23 0.00	45.43 2.82 0.00	59.08 3.71 0.00	65.22 3.68 0.00	39.72 2.29 0.00	200.34 1.93 -166.93
GOWANUS_GT3_5 24126	35.38 1.55 0.00	27.30 1.12 0.00	25.94 0.99 0.00	25.01 0.90 0.00	24.38 0.85 0.00	23.15 0.80 0.00	24.99 0.80 0.00	23.18 0.87 -0.01	23.76 0.98 0.00	20.16 0.99 0.00	20.53 1.02 0.00	27.86 1.65 0.00	36.34 2.34 0.00	40.20 2.91 -0.01	42.52 2.91 0.00	40.96 2.95 0.00	45.57 3.24 0.00	46.87 3.55 0.00	46.32 3.23 0.00	45.43 2.82 0.00	59.08 3.71 0.00	65.22 3.68 0.00	39.72 2.29 0.00	200.34 1.93 -166.93
GOWANUS_GT3_6 24127	35.38 1.55 0.00	27.30 1.12 0.00	25.94 0.99 0.00	25.01 0.90 0.00	24.38 0.85 0.00	23.15 0.80 0.00	24.99 0.80 0.00	23.18 0.87 -0.01	23.76 0.98 0.00	20.16 0.99 0.00	20.53 1.02 0.00	27.86 1.65 0.00	36.34 2.34 0.00	40.20 2.91 -0.01	42.52 2.91 0.00	40.96 2.95 0.00	45.57 3.24 0.00	46.87 3.55 0.00	46.32 3.23 0.00	45.43 2.82 0.00	59.08 3.71 0.00	65.22 3.68 0.00	39.72 2.29 0.00	200.34 1.93 -166.93
GOWANUS_GT3_7 24128	35.38 1.55 0.00	27.30 1.12 0.00	25.94 0.99 0.00	25.01 0.90 0.00	24.38 0.85 0.00	23.15 0.80 0.00	24.99 0.80 0.00	23.18 0.87 -0.01	23.76 0.98 0.00	20.16 0.99 0.00	20.53 1.02 0.00	27.86 1.65 0.00	36.34 2.34 0.00	40.20 2.91 -0.01	42.52 2.91 0.00	40.96 2.95 0.00	45.57 3.24 0.00	46.87 3.55 0.00	46.32 3.23 0.00	45.43 2.82 0.00	59.08 3.71 0.00	65.22 3.68 0.00	39.72 2.29 0.00	200.34 1.93 -166.93
GOWANUS_GT3_8 24129	35.38 1.55 0.00	27.30 1.12 0.00	25.94 0.99 0.00	25.01 0.90 0.00	24.38 0.85 0.00	23.15 0.80 0.00	24.99 0.80 0.00	23.18 0.87 -0.01	23.76 0.98 0.00	20.16 0.99 0.00	20.53 1.02 0.00	27.86 1.65 0.00	36.34 2.34 0.00	40.20 2.91 -0.01	42.52 2.91 0.00	40.96 2.95 0.00	45.57 3.24 0.00	46.87 3.55 0.00	46.32 3.23 0.00	45.43 2.82 0.00	59.08 3.71 0.00	65.22 3.68 0.00	39.72 2.29 0.00	200.34 1.93 -166.93
GOWANUS_GT4_1 24130	35.38 1.55 0.00	27.30 1.12 0.00	25.94 0.98 0.00	25.01 0.90 0.00	24.38 0.85 0.00	23.15 0.80 0.00	24.99 0.80 0.00	23.18 0.87 -0.01	23.76 0.98 0.00	20.16 0.99 0.00	20.53 1.02 0.00	27.86 1.65 0.00	36.35 2.34 0.00	40.20 2.91 -0.01	42.53 2.92 0.00	40.96 2.95 0.00	45.57 3.24 0.00	46.86 3.55 0.00	46.32 3.23 0.00	45.42 2.82 0.00	59.08 3.71 0.00	65.22 3.68 0.00	39.72 2.29 0.00	200.34 1.92 -166.93
GOWANUS_GT4_2 24131	35.38 1.55 0.00	27.30 1.12 0.00	25.94 0.98 0.00	25.01 0.90 0.00	24.38 0.85 0.00	23.15 0.80 0.00	24.99 0.80 0.00	23.18 0.87 -0.01	23.76 0.98 0.00	20.16 0.99 0.00	20.53 1.02 0.00	27.86 1.65 0.00	36.35 2.34 0.00	40.20 2.91 -0.01	42.53 2.92 0.00	40.96 2.95 0.00	45.57 3.24 0.00	46.86 3.55 0.00	46.32 3.23 0.00	45.42 2.82 0.00	59.08 3.71 0.00	65.22 3.68 0.00	39.72 2.29 0.00	200.34 1.92 -166.93

GOWANUS_GT4_3 24132	35.38 1.55 0.00	27.30 1.12 0.00	25.94 0.98 0.00	25.01 0.90 0.00	24.38 0.85 0.00	23.15 0.80 0.00	24.99 0.80 0.00	23.18 0.87 -0.01	23.76 0.98 0.00	20.16 0.99 0.00	20.53 1.02 0.00	27.86 1.65 0.00	36.35 2.34 0.00	40.20 2.91 -0.01	42.53 2.92 0.00	40.96 2.95 0.00	45.57 3.24 0.00	46.86 3.55 0.00	46.32 3.23 0.00	45.42 2.82 0.00	59.08 3.71 0.00	65.22 3.68 0.00	39.72 2.29 0.00	200.34 1.92 -166.93
GOWANUS_GT4_4 24133	35.38 1.55 0.00	27.30 1.12 0.00	25.94 0.98 0.00	25.01 0.90 0.00	24.38 0.85 0.00	23.15 0.80 0.00	24.99 0.80 0.00	23.18 0.87 -0.01	23.76 0.98 0.00	20.16 0.99 0.00	20.53 1.02 0.00	27.86 1.65 0.00	36.35 2.34 0.00	40.20 2.91 -0.01	42.53 2.92 0.00	40.96 2.95 0.00	45.57 3.24 0.00	46.86 3.55 0.00	46.32 3.23 0.00	45.42 2.82 0.00	59.08 3.71 0.00	65.22 3.68 0.00	39.72 2.29 0.00	200.34 1.92 -166.93
GOWANUS_GT4_5 24134	35.38 1.55 0.00	27.30 1.12 0.00	25.94 0.98 0.00	25.01 0.90 0.00	24.38 0.85 0.00	23.15 0.80 0.00	24.99 0.80 0.00	23.18 0.87 -0.01	23.76 0.98 0.00	20.16 0.99 0.00	20.53 1.02 0.00	27.86 1.65 0.00	36.35 2.34 0.00	40.20 2.91 -0.01	42.53 2.92 0.00	40.96 2.95 0.00	45.57 3.24 0.00	46.86 3.55 0.00	46.32 3.23 0.00	45.42 2.82 0.00	59.08 3.71 0.00	65.22 3.68 0.00	39.72 2.29 0.00	200.34 1.92 -166.93
GOWANUS_GT4_6 24135	35.38 1.55 0.00	27.30 1.12 0.00	25.94 0.98 0.00	25.01 0.90 0.00	24.38 0.85 0.00	23.15 0.80 0.00	24.99 0.80 0.00	23.18 0.87 -0.01	23.76 0.98 0.00	20.16 0.99 0.00	20.53 1.02 0.00	27.86 1.65 0.00	36.35 2.34 0.00	40.20 2.91 -0.01	42.53 2.92 0.00	40.96 2.95 0.00	45.57 3.24 0.00	46.86 3.55 0.00	46.32 3.23 0.00	45.42 2.82 0.00	59.08 3.71 0.00	65.22 3.68 0.00	39.72 2.29 0.00	200.34 1.92 -166.93
GOWANUS_GT4_7 24136	35.38 1.55 0.00	27.30 1.12 0.00	25.94 0.98 0.00	25.01 0.90 0.00	24.38 0.85 0.00	23.15 0.80 0.00	24.99 0.80 0.00	23.18 0.87 -0.01	23.76 0.98 0.00	20.16 0.99 0.00	20.53 1.02 0.00	27.86 1.65 0.00	36.35 2.34 0.00	40.20 2.91 -0.01	42.53 2.92 0.00	40.96 2.95 0.00	45.57 3.24 0.00	46.86 3.55 0.00	46.32 3.23 0.00	45.42 2.82 0.00	59.08 3.71 0.00	65.22 3.68 0.00	39.72 2.29 0.00	200.34 1.92 -166.93
GOWANUS_GT4_8 24137	35.38 1.55 0.00	27.30 1.12 0.00	25.94 0.98 0.00	25.01 0.90 0.00	24.38 0.85 0.00	23.15 0.80 0.00	24.99 0.80 0.00	23.18 0.87 -0.01	23.76 0.98 0.00	20.16 0.99 0.00	20.53 1.02 0.00	27.86 1.65 0.00	36.35 2.34 0.00	40.20 2.91 -0.01	42.53 2.92 0.00	40.96 2.95 0.00	45.57 3.24 0.00	46.86 3.55 0.00	46.32 3.23 0.00	45.42 2.82 0.00	59.08 3.71 0.00	65.22 3.68 0.00	39.72 2.29 0.00	200.34 1.92 -166.93
GREENBSH_115KV_TB3 55895	33.84 0.00 0.00	26.15 -0.03 0.00	25.05 0.10 0.00	24.40 0.29 0.00	23.82 0.28 0.00	22.63 0.29 0.00	24.45 0.25 0.00	22.55 0.25 0.00	23.00 0.23 0.00	19.24 0.08 0.00	19.54 0.03 0.00	26.19 -0.02 0.00	34.05 0.05 0.00	37.56 0.27 0.00	39.99 0.39 0.00	38.38 0.37 0.00	42.64 0.31 0.00	43.85 0.54 0.00	43.62 0.53 0.00	43.04 0.43 0.00	55.96 0.58 0.00	61.89 0.34 0.00	37.59 0.16 0.00	31.68 0.20 0.00
GREENDGE_115KV_TB5 80291	33.50 -0.33 0.00	26.04 -0.15 0.00	24.73 -0.22 0.00	23.77 -0.34 0.00	23.22 -0.31 0.00	22.00 -0.34 0.00	23.96 -0.24 0.00	22.04 -0.26 0.00	22.50 -0.27 0.00	18.90 -0.27 0.00	19.31 -0.20 0.00	26.06 -0.15 0.00	33.94 -0.06 0.00	37.27 -0.01 0.00	39.34 -0.27 0.00	37.92 -0.09 0.00	42.66 0.32 0.00	44.17 0.85 0.00	44.41 1.31 0.00	43.83 1.23 0.00	56.70 1.32 0.00	62.75 1.21 0.00	38.30 0.87 0.00	32.18 0.69 0.00
GREENIDGE___3 23582	33.50 -0.33 0.00	26.04 -0.15 0.00	24.73 -0.22 0.00	23.77 -0.34 0.00	23.22 -0.31 0.00	22.00 -0.34 0.00	23.96 -0.24 0.00	22.04 -0.26 0.00	22.50 -0.27 0.00	18.90 -0.27 0.00	19.31 -0.20 0.00	26.06 -0.15 0.00	33.94 -0.06 0.00	37.27 -0.01 0.00	39.34 -0.27 0.00	37.92 -0.09 0.00	42.66 0.32 0.00	44.17 0.85 0.00	44.41 1.31 0.00	43.83 1.23 0.00	56.70 1.32 0.00	62.75 1.21 0.00	38.30 0.87 0.00	32.18 0.69 0.00
GREENIDGE___4 23583	33.50 -0.33 0.00	26.04 -0.15 0.00	24.73 -0.22 0.00	23.77 -0.34 0.00	23.22 -0.31 0.00	22.01 -0.34 0.00	23.96 -0.24 0.00	22.04 -0.26 0.00	22.50 -0.28 0.00	18.90 -0.27 0.00	19.31 -0.20 0.00	26.07 -0.14 0.00	33.95 -0.05 0.00	37.27 -0.01 0.00	39.34 -0.27 0.00	37.92 -0.09 0.00	42.66 0.32 0.00	44.17 0.85 0.00	44.41 1.31 0.00	43.83 1.23 0.00	56.70 1.32 0.00	62.75 1.21 0.00	38.30 0.87 0.00	32.17 0.68 0.00
GREENLWN_69_KV_BK 3 55738	35.56 1.73 0.00	29.39 1.30 -1.90	26.12 1.17 0.00	25.12 1.01 0.00	24.48 0.95 0.00	23.23 0.89 0.00	25.05 0.85 0.00	23.19 0.89 0.00	24.41 1.15 -0.49	20.86 1.07 -0.63	20.61 1.11 0.00	30.21 1.72 -2.28	36.82 2.26 -0.56	52.40 2.86 -12.26	42.43 2.82 0.00	40.83 2.83 0.00	45.42 3.09 0.00	46.59 3.28 0.00	45.84 2.75 0.00	44.79 2.19 0.00	58.53 3.15 0.00	64.48 2.93 0.00	39.32 1.89 0.00	33.17 1.69 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	35.38 1.55 0.00	27.30 1.12 0.00	25.94 0.98 0.00	25.01 0.90 0.00	24.38 0.85 0.00	23.15 0.80 0.00	24.99 0.80 0.00	23.18 0.87 -0.01	23.76 0.98 0.00	20.16 0.99 0.00	20.53 1.02 0.00	27.86 1.65 0.00	36.35 2.34 0.00	40.20 2.91 -0.01	42.53 2.92 0.00	40.96 2.95 0.00	45.57 3.24 0.00	46.86 3.55 0.00	46.32 3.23 0.00	45.42 2.82 0.00	59.08 3.71 0.00	65.22 3.68 0.00	39.72 2.29 0.00	200.34 1.92 -166.93
GRISSOM___SOLAR 323813	35.56 1.72 0.00	27.50 1.31 0.00	26.17 1.22 0.00	25.24 1.13 0.00	24.64 1.10 0.00	23.39 1.05 0.00	25.34 1.15 0.00	23.35 1.05 0.00	23.64 0.87 0.00	19.60 0.44 0.00	19.67 0.17 0.00	26.25 0.04 0.00	34.15 0.14 0.00	37.65 0.37 0.00	40.39 0.78 0.00	38.61 0.60 0.00	43.50 1.17 0.00	45.02 1.71 0.00	45.47 2.38 0.00	45.47 2.87 0.00	59.22 3.85 0.00	65.65 4.10 0.00	39.85 2.42 0.00	33.43 1.95 0.00
GROVEVILLE___HYD 323602	35.13 1.30 0.00	27.09 0.90 0.00	25.75 0.79 0.00	24.85 0.74 0.00	24.23 0.70 0.00	23.01 0.67 0.00	24.87 0.68 0.00	23.01 0.71 0.00	23.60 0.82 0.00	19.96 0.80 0.00	20.33 0.83 0.00	27.54 1.33 0.00	35.96 1.96 0.00	39.81 2.53 0.00	42.27 2.66 0.00	40.65 2.64 0.00	45.33 3.00 0.00	46.71 3.39 0.00	46.29 3.19 0.00	45.43 2.82 0.00	59.03 3.65 0.00	65.08 3.53 0.00	39.49 2.06 0.00	33.21 1.72 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	33.65 -0.19 0.00	26.05 -0.14 0.00	24.79 -0.17 0.00	23.91 -0.20 0.00	23.35 -0.18 0.00	22.17 -0.18 0.00	24.03 -0.16 0.00	22.13 -0.17 0.00	22.60 -0.18 0.00	18.99 -0.17 0.00	19.32 -0.18 0.00	25.96 -0.25 0.00	33.78 -0.23 0.00	37.19 -0.09 0.00	39.49 -0.12 0.00	37.98 -0.02 0.00	42.47 0.14 0.00	43.68 0.36 0.00	43.60 0.51 0.00	43.04 0.43 0.00	55.83 0.45 0.00	61.90 0.35 0.00	37.62 0.19 0.00	31.58 0.10 0.00

HAMLTNNY_34_KV_TB 80303	33.63 -0.20 0.00	26.06 -0.13 0.00	24.79 -0.17 0.00	23.90 -0.22 0.00	23.34 -0.19 0.00	22.15 -0.19 0.00	24.03 -0.17 0.00	22.12 -0.17 0.00	22.58 -0.20 0.00	18.97 -0.19 0.00	19.31 -0.19 0.00	25.94 -0.27 0.00	33.76 -0.25 0.00	37.22 -0.06 0.00	39.46 -0.15 0.00	38.00 0.00 0.00	42.53 0.20 0.00	43.74 0.43 0.00	43.69 0.60 0.00	43.16 0.55 0.00	55.97 0.60 0.00	62.08 0.53 0.00	37.68 0.25 0.00	31.63 0.14 0.00
HAMPSHIRE___PAPER_HYD 323593	34.02 0.19 0.00	26.34 0.15 0.00	25.13 0.17 0.00	24.17 0.06 0.00	23.56 0.03 0.00	22.34 0.00 0.00	24.24 0.05 0.00	22.33 0.03 0.00	22.69 -0.09 0.00	19.01 -0.15 0.00	19.32 -0.19 0.00	25.89 -0.32 0.00	33.48 -0.53 0.00	36.72 -0.56 0.00	39.17 -0.44 0.00	37.49 -0.52 0.00	41.79 -0.54 0.00	42.50 -0.82 0.00	42.76 -0.34 0.00	42.92 0.32 0.00	55.97 0.60 0.00	62.08 0.53 0.00	37.62 0.19 0.00	31.53 0.04 0.00
HARDSCRABBLE_WT_PWR 323673	33.66 -0.17 0.00	25.99 -0.20 0.00	24.82 -0.14 0.00	24.07 -0.04 0.00	23.48 -0.06 0.00	22.32 -0.02 0.00	24.11 -0.08 0.00	22.18 -0.12 0.00	22.57 -0.20 0.00	18.79 -0.37 0.00	18.95 -0.55 0.00	25.44 -0.77 0.00	33.21 -0.79 0.00	36.70 -0.59 0.00	39.19 -0.42 0.00	37.74 -0.27 0.00	42.01 -0.31 0.00	43.41 0.10 0.00	43.48 0.39 0.00	43.08 0.47 0.00	55.91 0.54 0.00	61.88 0.34 0.00	37.54 0.10 0.00	31.58 0.10 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	34.96 1.13 0.00	26.95 0.76 0.00	25.62 0.67 0.00	24.71 0.59 0.00	24.08 0.55 0.00	22.87 0.53 0.00	24.72 0.53 0.00	22.89 0.59 0.00	23.45 0.67 0.00	19.85 0.69 0.00	20.24 0.74 0.00	27.46 1.25 0.00	35.86 1.86 0.00	39.73 2.44 0.00	42.13 2.52 0.00	40.47 2.46 0.00	45.18 2.85 0.00	46.52 3.21 0.00	46.06 2.97 0.00	45.21 2.61 0.00	58.76 3.38 0.00	64.80 3.25 0.00	39.31 1.88 0.00	33.03 1.54 0.00
HARSNRAD_115KV_TB1 81005	31.93 -1.90 0.00	24.92 -1.27 0.00	23.67 -1.28 0.00	22.56 -1.56 0.00	22.09 -1.44 0.00	20.88 -1.46 0.00	22.89 -1.30 0.00	20.94 -1.37 0.00	21.49 -1.28 0.00	18.17 -0.99 0.00	18.85 -0.65 0.00	25.41 -0.81 0.00	32.92 -1.09 0.00	36.18 -1.11 0.00	38.21 -1.40 0.00	36.80 -1.21 0.00	41.28 -1.05 0.00	42.57 -0.74 0.00	42.96 -0.13 0.00	42.21 -0.40 0.00	54.87 -0.50 0.00	61.33 -0.21 0.00	37.73 0.30 0.00	31.55 0.07 0.00
HARZA MOOSE___RIVER 24016	34.25 0.42 0.00	26.47 0.28 0.00	25.17 0.22 0.00	24.33 0.22 0.00	23.75 0.21 0.00	22.54 0.20 0.00	24.45 0.25 0.00	22.52 0.22 0.00	22.89 0.12 0.00	19.18 0.02 0.00	19.47 -0.04 0.00	26.13 -0.08 0.00	33.94 -0.07 0.00	37.34 0.05 0.00	39.71 0.10 0.00	38.16 0.15 0.00	42.65 0.32 0.00	43.90 0.59 0.00	44.11 1.02 0.00	43.86 1.25 0.00	57.13 1.75 0.00	63.23 1.68 0.00	38.32 0.89 0.00	32.09 0.61 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	33.41 -0.42 0.00	25.88 -0.31 0.00	24.62 -0.33 0.00	23.76 -0.36 0.00	23.20 -0.34 0.00	22.02 -0.32 0.00	23.86 -0.33 0.00	21.98 -0.32 0.00	22.45 -0.32 0.00	18.88 -0.28 0.00	19.23 -0.28 0.00	25.83 -0.38 0.00	33.57 -0.43 0.00	36.96 -0.32 0.00	39.25 -0.35 0.00	37.73 -0.28 0.00	42.14 -0.19 0.00	43.34 0.03 0.00	43.27 0.18 0.00	42.67 0.07 0.00	55.36 -0.01 0.00	61.42 -0.12 0.00	37.39 -0.04 0.00	31.37 -0.11 0.00
HELLGATE_13_KV_LD 55870	35.19 1.35 0.00	27.16 0.97 0.00	25.81 0.85 0.00	24.90 0.78 0.00	24.27 0.74 0.00	23.06 0.71 0.00	24.87 0.67 0.00	23.08 0.78 -0.01	23.65 0.87 0.00	20.08 0.92 0.00	20.45 0.95 0.00	27.72 1.51 0.00	36.17 2.17 0.00	40.01 2.72 0.00	42.34 2.73 0.00	40.74 2.73 0.00	45.36 3.03 0.00	46.67 3.35 0.00	46.12 3.03 0.00	45.23 2.63 0.00	58.83 3.45 0.00	64.93 3.39 0.00	39.53 2.10 0.00	33.25 1.77 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	35.19 1.35 0.00	27.16 0.97 0.00	25.81 0.85 0.00	24.90 0.78 0.00	24.27 0.74 0.00	23.06 0.71 0.00	24.87 0.67 0.00	23.08 0.78 -0.01	23.65 0.87 0.00	20.08 0.92 0.00	20.45 0.95 0.00	27.72 1.51 0.00	36.17 2.17 0.00	40.01 2.72 0.00	42.34 2.73 0.00	40.74 2.73 0.00	45.36 3.03 0.00	46.67 3.35 0.00	46.12 3.03 0.00	45.23 2.63 0.00	58.83 3.45 0.00	64.93 3.39 0.00	39.53 2.10 0.00	33.25 1.77 0.00
HEMPSTEAD____ 23647	35.49 1.66 0.00	29.30 1.21 -1.91	26.02 1.07 0.00	25.04 0.92 0.00	24.39 0.86 0.00	23.14 0.80 0.00	24.96 0.77 0.00	23.13 0.83 0.00	24.33 1.06 -0.49	20.82 1.02 -0.64	20.59 1.09 0.00	30.21 1.72 -2.28	36.94 2.38 -0.56	52.56 3.02 -12.26	42.55 2.94 0.00	40.94 2.93 0.00	45.45 3.12 0.00	46.66 3.35 0.00	45.96 2.87 0.00	44.95 2.34 0.00	58.63 3.26 0.00	64.65 3.10 0.00	39.61 2.18 0.00	33.31 1.83 0.00
HEWLETT_69_KV_BK3 55828	35.78 1.95 0.00	29.51 1.42 -1.90	26.21 1.26 0.00	25.23 1.11 0.00	24.58 1.05 0.00	23.33 0.99 0.00	25.16 0.96 0.00	23.30 1.01 0.00	24.49 1.23 -0.49	20.97 1.17 -0.63	20.77 1.27 0.00	30.47 1.98 -2.28	37.28 2.72 -0.56	52.94 3.40 -12.26	42.99 3.38 0.00	41.37 3.36 0.00	46.01 3.68 0.00	47.27 3.96 0.00	46.61 3.52 0.00	45.58 2.97 0.00	59.44 4.07 0.00	65.58 4.03 0.00	40.05 2.62 0.00	33.68 2.20 0.00
HICKLING___1 23621	33.33 -0.50 0.00	25.90 -0.29 0.00	24.60 -0.35 0.00	23.65 -0.46 0.00	23.11 -0.42 0.00	21.89 -0.45 0.00	23.82 -0.38 0.00	21.91 -0.39 0.00	22.38 -0.40 0.00	18.87 -0.30 0.00	19.35 -0.16 0.00	26.29 0.08 0.00	34.33 0.33 0.00	37.70 0.42 0.00	39.85 0.24 0.00	38.31 0.30 0.00	43.16 0.83 0.00	44.51 1.19 0.00	44.53 1.44 0.00	43.84 1.23 0.00	56.62 1.25 0.00	62.71 1.17 0.00	38.30 0.86 0.00	32.02 0.53 0.00
HICKLING___2 23622	33.33 -0.50 0.00	25.90 -0.29 0.00	24.60 -0.35 0.00	23.65 -0.46 0.00	23.11 -0.42 0.00	21.89 -0.45 0.00	23.82 -0.38 0.00	21.91 -0.39 0.00	22.38 -0.40 0.00	18.87 -0.30 0.00	19.35 -0.16 0.00	26.29 0.08 0.00	34.33 0.33 0.00	37.70 0.42 0.00	39.85 0.24 0.00	38.31 0.30 0.00	43.16 0.83 0.00	44.51 1.19 0.00	44.53 1.44 0.00	43.84 1.23 0.00	56.62 1.25 0.00	62.71 1.17 0.00	38.30 0.86 0.00	32.02 0.53 0.00
HIGH FALLS___HY 23754	34.90 1.07 0.00	26.89 0.70 0.00	25.51 0.56 0.00	24.55 0.43 0.00	23.93 0.39 0.00	22.72 0.37 0.00	24.56 0.37 0.00	22.72 0.43 0.00	23.32 0.55 0.00	19.79 0.63 0.00	20.15 0.65 0.00	27.33 1.12 0.00	35.81 1.81 0.00	39.58 2.30 0.00	42.03 2.42 0.00	40.44 2.43 0.00	45.13 2.80 0.00	46.72 3.40 0.00	46.24 3.15 0.00	45.34 2.73 0.00	58.89 3.52 0.00	64.90 3.35 0.00	39.34 1.91 0.00	33.02 1.53 0.00
HIGH_RIVER___SOLAR 323847	34.90 1.07 0.00	26.98 0.79 0.00	25.71 0.75 0.00	24.84 0.73 0.00	24.24 0.70 0.00	23.01 0.67 0.00	24.91 0.71 0.00	22.96 0.65 0.00	23.31 0.53 0.00	19.41 0.24 0.00	19.69 0.19 0.00	26.22 0.01 0.00	34.08 0.08 0.00	37.58 0.29 0.00	40.08 0.47 0.00	38.53 0.52 0.00	43.12 0.79 0.00	44.58 1.27 0.00	44.72 1.63 0.00	44.46 1.85 0.00	57.85 2.48 0.00	64.07 2.52 0.00	38.93 1.50 0.00	32.73 1.24 0.00

HILLBURN___GT 23639	34.89 1.06 0.00	26.90 0.71 0.00	25.57 0.62 0.00	24.65 0.54 0.00	24.03 0.50 0.00	22.82 0.47 0.00	24.66 0.47 0.00	22.84 0.54 0.00	23.41 0.64 0.00	19.83 0.67 0.00	20.21 0.71 0.00	27.44 1.23 0.00	35.82 1.81 0.00	39.68 2.40 0.00	42.05 2.44 0.00	40.37 2.37 0.00	45.05 2.72 0.00	46.35 3.04 0.00	45.86 2.77 0.00	45.01 2.40 0.00	58.54 3.17 0.00	64.57 3.02 0.00	39.20 1.77 0.00	32.95 1.47 0.00
HILLSIDE_115KV_TB1 80332	32.92 -0.91 0.00	25.57 -0.62 0.00	24.30 -0.65 0.00	23.39 -0.72 0.00	22.84 -0.69 0.00	21.65 -0.69 0.00	23.53 -0.66 0.00	21.66 -0.64 0.00	22.11 -0.66 0.00	18.66 -0.50 0.00	19.12 -0.38 0.00	26.02 -0.19 0.00	33.98 -0.02 0.00	37.30 0.02 0.00	39.39 -0.21 0.00	37.84 -0.17 0.00	42.59 0.26 0.00	43.84 0.52 0.00	43.76 0.66 0.00	43.08 0.48 0.00	55.61 0.24 0.00	61.61 0.06 0.00	37.63 0.20 0.00	31.49 0.00 0.00
HISHELDN_WT_PWR 323625	32.40 -1.43 0.00	25.27 -0.92 0.00	24.00 -0.95 0.00	22.92 -1.19 0.00	22.44 -1.10 0.00	21.22 -1.13 0.00	23.21 -0.99 0.00	21.27 -1.04 0.00	21.80 -0.97 0.00	18.43 -0.73 0.00	19.07 -0.43 0.00	25.77 -0.44 0.00	33.51 -0.50 0.00	36.81 -0.47 0.00	38.86 -0.75 0.00	37.40 -0.61 0.00	42.04 -0.30 0.00	43.31 -0.01 0.00	43.56 0.47 0.00	42.82 0.22 0.00	55.56 0.19 0.00	61.90 0.35 0.00	38.01 0.58 0.00	31.79 0.31 0.00
HOLTSVILLE_IC_1 23690	35.59 1.76 0.00	29.43 1.34 -1.91	26.15 1.19 0.00	25.13 1.01 0.00	24.49 0.95 0.00	23.24 0.90 0.00	25.06 0.86 0.00	23.24 0.94 0.00	24.55 1.28 -0.49	20.91 1.11 -0.64	20.60 1.10 0.00	30.16 1.68 -2.28	36.88 2.32 -0.56	52.54 3.00 -12.26	42.56 2.95 0.00	40.97 2.96 0.00	45.59 3.26 0.00	46.69 3.37 0.00	45.89 2.80 0.00	44.83 2.23 0.00	58.73 3.36 0.00	64.60 3.05 0.00	39.34 1.92 0.00	33.12 1.64 0.00
HOLTSVILLE_IC_10 23699	35.74 1.91 0.00	29.54 1.45 -1.91	26.25 1.29 0.00	25.21 1.10 0.00	24.58 1.04 0.00	23.31 0.97 0.00	25.15 0.95 0.00	23.33 1.03 0.00	24.65 1.38 -0.49	20.99 1.19 -0.64	20.71 1.20 0.00	30.33 1.84 -2.28	37.13 2.57 -0.56	52.85 3.31 -12.26	42.89 3.28 0.00	41.29 3.29 0.00	45.97 3.65 0.00	47.07 3.75 0.00	46.26 3.16 0.00	45.18 2.57 0.00	59.20 3.82 0.00	65.08 3.54 0.00	39.60 2.17 0.00	33.31 1.83 0.00
HOLTSVILLE_IC_2 23691	35.59 1.76 0.00	29.43 1.34 -1.91	26.15 1.19 0.00	25.13 1.01 0.00	24.49 0.95 0.00	23.24 0.90 0.00	25.06 0.86 0.00	23.24 0.94 0.00	24.55 1.28 -0.49	20.91 1.11 -0.64	20.60 1.10 0.00	30.16 1.68 -2.28	36.88 2.32 -0.56	52.54 3.00 -12.26	42.56 2.95 0.00	40.97 2.96 0.00	45.59 3.26 0.00	46.69 3.37 0.00	45.89 2.80 0.00	44.83 2.23 0.00	58.73 3.36 0.00	64.60 3.05 0.00	39.34 1.92 0.00	33.12 1.64 0.00
HOLTSVILLE_IC_3 23692	35.59 1.76 0.00	29.43 1.34 -1.91	26.15 1.19 0.00	25.13 1.01 0.00	24.49 0.95 0.00	23.24 0.90 0.00	25.06 0.86 0.00	23.24 0.94 0.00	24.55 1.28 -0.49	20.91 1.11 -0.64	20.60 1.10 0.00	30.16 1.68 -2.28	36.88 2.32 -0.56	52.54 3.00 -12.26	42.56 2.95 0.00	40.97 2.96 0.00	45.59 3.26 0.00	46.69 3.37 0.00	45.89 2.80 0.00	44.83 2.23 0.00	58.73 3.36 0.00	64.60 3.05 0.00	39.34 1.92 0.00	33.12 1.64 0.00
HOLTSVILLE_IC_4 23693	35.59 1.76 0.00	29.43 1.34 -1.91	26.15 1.19 0.00	25.13 1.01 0.00	24.49 0.95 0.00	23.24 0.90 0.00	25.06 0.86 0.00	23.24 0.94 0.00	24.55 1.28 -0.49	20.91 1.11 -0.64	20.60 1.10 0.00	30.16 1.68 -2.28	36.88 2.32 -0.56	52.54 3.00 -12.26	42.56 2.95 0.00	40.97 2.96 0.00	45.59 3.26 0.00	46.69 3.37 0.00	45.89 2.80 0.00	44.83 2.23 0.00	58.73 3.36 0.00	64.60 3.05 0.00	39.34 1.92 0.00	33.12 1.64 0.00
HOLTSVILLE_IC_5 23694	35.59 1.76 0.00	29.43 1.34 -1.91	26.15 1.19 0.00	25.13 1.01 0.00	24.49 0.95 0.00	23.24 0.90 0.00	25.06 0.86 0.00	23.24 0.94 0.00	24.55 1.28 -0.49	20.91 1.11 -0.64	20.60 1.10 0.00	30.16 1.68 -2.28	36.88 2.32 -0.56	52.54 3.00 -12.26	42.56 2.95 0.00	40.97 2.96 0.00	45.59 3.26 0.00	46.69 3.37 0.00	45.89 2.80 0.00	44.83 2.23 0.00	58.73 3.36 0.00	64.60 3.05 0.00	39.34 1.92 0.00	33.12 1.64 0.00
HOLTSVILLE_IC_6 23695	35.74 1.91 0.00	29.54 1.45 -1.91	26.25 1.29 0.00	25.21 1.10 0.00	24.58 1.04 0.00	23.31 0.97 0.00	25.15 0.95 0.00	23.33 1.03 0.00	24.65 1.38 -0.49	20.99 1.19 -0.64	20.71 1.20 0.00	30.33 1.84 -2.28	37.13 2.57 -0.56	52.85 3.31 -12.26	42.89 3.28 0.00	41.29 3.29 0.00	45.97 3.65 0.00	47.07 3.75 0.00	46.26 3.16 0.00	45.18 2.57 0.00	59.20 3.82 0.00	65.08 3.54 0.00	39.60 2.17 0.00	33.31 1.83 0.00
HOLTSVILLE_IC_7 23696	35.74 1.91 0.00	29.54 1.45 -1.91	26.25 1.29 0.00	25.21 1.10 0.00	24.58 1.04 0.00	23.31 0.97 0.00	25.15 0.95 0.00	23.33 1.03 0.00	24.65 1.38 -0.49	20.99 1.19 -0.64	20.71 1.20 0.00	30.33 1.84 -2.28	37.13 2.57 -0.56	52.85 3.31 -12.26	42.89 3.28 0.00	41.29 3.29 0.00	45.97 3.65 0.00	47.07 3.75 0.00	46.26 3.16 0.00	45.18 2.57 0.00	59.20 3.82 0.00	65.08 3.54 0.00	39.60 2.17 0.00	33.31 1.83 0.00
HOLTSVILLE_IC_8 23697	35.74 1.91 0.00	29.54 1.45 -1.91	26.25 1.29 0.00	25.21 1.10 0.00	24.58 1.04 0.00	23.31 0.97 0.00	25.15 0.95 0.00	23.33 1.03 0.00	24.65 1.38 -0.49	20.99 1.19 -0.64	20.71 1.20 0.00	30.33 1.84 -2.28	37.13 2.57 -0.56	52.85 3.31 -12.26	42.89 3.28 0.00	41.29 3.29 0.00	45.97 3.65 0.00	47.07 3.75 0.00	46.26 3.16 0.00	45.18 2.57 0.00	59.20 3.82 0.00	65.08 3.54 0.00	39.60 2.17 0.00	33.31 1.83 0.00
HOLTSVILLE_IC_9 23698	35.74 1.91 0.00	29.54 1.45 -1.91	26.25 1.29 0.00	25.21 1.10 0.00	24.58 1.04 0.00	23.31 0.97 0.00	25.15 0.95 0.00	23.33 1.03 0.00	24.65 1.38 -0.49	20.99 1.19 -0.64	20.71 1.20 0.00	30.33 1.84 -2.28	37.13 2.57 -0.56	52.85 3.31 -12.26	42.89 3.28 0.00	41.29 3.29 0.00	45.97 3.65 0.00	47.07 3.75 0.00	46.26 3.16 0.00	45.18 2.57 0.00	59.20 3.82 0.00	65.08 3.54 0.00	39.60 2.17 0.00	33.31 1.83 0.00
HOMER_HL_115KV_TB2 355744	33.12 -0.72 0.00	25.81 -0.38 0.00	24.49 -0.46 0.00	23.45 -0.66 0.00	22.95 -0.58 0.00	21.73 -0.61 0.00	23.72 -0.47 0.00	21.77 -0.53 0.00	22.30 -0.47 0.00	18.90 -0.26 0.00	19.51 0.00 0.00	26.47 0.26 0.00	34.53 0.53 0.00	37.91 0.63 0.00	39.81 0.20 0.00	38.23 0.23 0.00	43.15 0.82 0.00	44.55 1.23 0.00	44.71 1.62 0.00	43.83 1.23 0.00	56.79 1.41 0.00	62.94 1.39 0.00	38.64 1.21 0.00	32.30 0.81 0.00
HOWARD_WT_PWR 323690	34.73 0.90 0.00	26.96 0.78 0.00	25.61 0.66 0.00	24.53 0.42 0.00	23.96 0.42 0.00	22.70 0.35 0.00	24.75 0.56 0.00	22.81 0.51 0.00	23.28 0.51 0.00	19.59 0.42 0.00	20.08 0.58 0.00	27.21 1.00 0.00	35.59 1.59 0.00	39.05 1.76 0.00	41.22 1.62 0.00	39.70 1.69 0.00	44.96 2.63 0.00	46.76 3.45 0.00	47.22 4.13 0.00	46.49 3.88 0.00	60.26 4.88 0.00	66.65 5.10 0.00	40.71 3.28 0.00	33.89 2.40 0.00

HQ_GEN_CEDARS 23644	34.38 0.55 0.00	26.66 0.47 0.00	25.40 0.44 0.00	24.49 0.38 0.00	23.88 0.35 0.00	22.64 0.30 0.00	24.56 0.37 0.00	22.65 0.34 0.00	23.10 0.33 0.00	19.44 0.28 0.00	19.83 0.32 0.00	26.60 0.38 0.00	34.33 0.32 0.00	37.39 0.11 0.00	39.73 0.12 0.00	38.01 0.00 0.00	42.21 -0.12 0.00	42.24 -1.08 0.00	42.15 -0.95 0.00	42.53 -0.08 0.00	55.32 -0.06 0.00	61.64 0.09 0.00	37.48 0.05 0.00	31.54 0.05 0.00
HQ_GEN_CEDARS_PROXY 323590	34.38 0.55 0.00	26.66 0.47 0.00	25.40 0.44 0.00	24.49 0.38 0.00	23.88 0.35 0.00	22.34 0.30 0.30	24.56 0.37 0.00	22.65 0.34 0.00	23.10 0.33 0.00	19.11 0.28 0.33	19.83 0.32 0.00	26.60 0.39 0.00	34.33 0.32 0.00	37.40 0.11 0.00	39.73 0.12 0.00	38.01 0.00 0.00	42.21 -0.12 0.00	42.24 -1.08 0.00	42.15 -0.95 0.00	42.53 -0.08 0.00	55.32 -0.06 0.00	61.64 0.09 0.00	37.48 0.05 0.00	31.54 0.05 0.00
HQ_GEN_IMPORT 323601	34.03 0.20 0.00	26.37 0.18 0.00	25.13 0.17 0.00	24.26 0.15 0.00	23.67 0.14 0.00	22.46 0.12 0.00	24.35 0.15 0.00	22.44 0.14 0.00	22.91 0.14 0.00	19.29 0.13 0.00	20.44 0.15 -0.79	26.39 0.18 0.00	34.12 0.12 0.00	37.15 -0.13 0.00	39.47 -0.14 0.00	37.82 -0.19 0.00	42.07 -0.26 0.00	42.72 -0.59 0.00	42.47 -0.62 0.00	42.17 -0.44 0.00	54.81 -0.56 0.00	58.53 -0.35 2.66	37.23 -0.20 0.00	31.32 -0.16 0.00
HQ_GEN_WHEEL 23651	34.03 0.20 0.00	26.37 0.18 0.00	25.13 0.17 0.00	24.26 0.15 0.00	23.67 0.14 0.00	22.46 0.12 0.00	24.35 0.15 0.00	22.44 0.14 0.00	22.91 0.14 0.00	19.29 0.13 0.00	20.44 0.15 -0.79	26.39 0.18 0.00	34.12 0.12 0.00	37.15 -0.13 0.00	39.47 -0.14 0.00	37.82 -0.19 0.00	42.07 -0.26 0.00	42.72 -0.59 0.00	42.47 -0.62 0.00	42.17 -0.44 0.00	54.81 -0.56 0.00	58.53 -0.35 2.66	37.23 -0.20 0.00	31.32 -0.16 0.00
HUDSON AVE_GT_3 23810	35.24 1.40 0.00	27.16 0.97 0.00	25.81 0.86 0.00	24.89 0.78 0.00	24.26 0.73 0.00	23.03 0.69 0.00	24.87 0.67 0.00	23.06 0.76 0.00	23.64 0.86 0.00	20.06 0.90 0.00	20.43 0.93 0.00	27.72 1.51 0.00	36.15 2.15 0.00	40.03 2.74 0.00	42.37 2.76 0.00	40.74 2.73 0.00	45.37 3.04 0.00	46.70 3.38 0.00	46.11 3.02 0.00	45.23 2.62 0.00	58.85 3.47 0.00	64.96 3.42 0.00	39.51 2.08 0.00	33.24 1.76 0.00
HUDSON AVE_GT_4 23540	35.24 1.40 0.00	27.16 0.97 0.00	25.81 0.86 0.00	24.89 0.78 0.00	24.26 0.73 0.00	23.03 0.69 0.00	24.87 0.67 0.00	23.06 0.76 0.00	23.64 0.86 0.00	20.06 0.90 0.00	20.43 0.93 0.00	27.72 1.51 0.00	36.15 2.15 0.00	40.03 2.74 0.00	42.37 2.76 0.00	40.74 2.73 0.00	45.37 3.04 0.00	46.70 3.38 0.00	46.11 3.02 0.00	45.23 2.62 0.00	58.85 3.47 0.00	64.96 3.42 0.00	39.51 2.08 0.00	33.24 1.76 0.00
HUDSON AVE_GT_5 23657	35.24 1.40 0.00	27.16 0.97 0.00	25.81 0.86 0.00	24.89 0.78 0.00	24.26 0.73 0.00	23.03 0.69 0.00	24.87 0.67 0.00	23.06 0.76 0.00	23.64 0.86 0.00	20.06 0.90 0.00	20.43 0.93 0.00	27.72 1.51 0.00	36.15 2.15 0.00	40.03 2.74 0.00	42.37 2.76 0.00	40.74 2.73 0.00	45.37 3.04 0.00	46.70 3.38 0.00	46.11 3.02 0.00	45.23 2.62 0.00	58.85 3.47 0.00	64.96 3.42 0.00	39.51 2.08 0.00	33.24 1.76 0.00
HUDSON_AVE_10 24168	35.11 1.28 0.00	27.08 0.89 0.00	25.73 0.78 0.00	24.82 0.70 0.00	24.21 0.68 0.00	22.97 0.63 0.00	24.80 0.60 0.00	23.00 0.70 0.00	23.57 0.80 0.00	20.01 0.85 0.00	20.37 0.87 0.00	27.63 1.42 0.00	36.04 2.04 0.00	39.89 2.61 0.00	42.23 2.62 0.00	40.60 2.60 0.00	45.23 2.90 0.00	46.54 3.23 0.00	45.97 2.88 0.00	45.12 2.51 0.00	58.65 3.28 0.00	64.78 3.23 0.00	39.38 1.95 0.00	33.15 1.67 0.00
HUDSON___115KV_TB 4 355613	34.54 0.71 0.00	26.68 0.49 0.00	25.54 0.58 0.00	24.87 0.75 0.00	24.27 0.73 0.00	23.06 0.72 0.00	24.93 0.73 0.00	22.99 0.69 0.00	23.39 0.61 0.00	19.55 0.39 0.00	19.80 0.29 0.00	26.46 0.25 0.00	34.36 0.35 0.00	37.96 0.68 0.00	40.47 0.86 0.00	38.97 0.96 0.00	43.42 1.09 0.00	44.80 1.48 0.00	44.78 1.69 0.00	44.26 1.65 0.00	57.55 2.18 0.00	63.58 2.04 0.00	38.55 1.12 0.00	32.39 0.90 0.00
HUNTER MOUNT___DRP 323613	34.69 0.86 0.00	26.80 0.61 0.00	25.67 0.71 0.00	25.02 0.91 0.00	24.42 0.88 0.00	23.21 0.87 0.00	25.09 0.90 0.00	23.14 0.84 0.00	23.51 0.73 0.00	19.61 0.45 0.00	19.82 0.32 0.00	26.44 0.23 0.00	34.32 0.32 0.00	37.92 0.64 0.00	40.51 0.91 0.00	39.02 1.02 0.00	43.47 1.14 0.00	44.95 1.63 0.00	44.96 1.87 0.00	44.52 1.92 0.00	57.87 2.50 0.00	63.94 2.40 0.00	38.73 1.30 0.00	32.52 1.04 0.00
HUNTINGTON_RES_REC 323705	35.65 1.82 0.00	29.47 1.38 -1.91	26.18 1.23 0.00	25.16 1.05 0.00	24.52 0.99 0.00	23.27 0.93 0.00	25.09 0.90 0.00	23.26 0.96 0.00	24.52 1.26 -0.49	20.93 1.14 -0.64	20.67 1.17 0.00	30.29 1.80 -2.28	37.03 2.46 -0.56	52.69 3.14 -12.26	42.76 3.16 0.00	41.16 3.15 0.00	45.79 3.46 0.00	46.90 3.58 0.00	46.10 3.01 0.00	45.03 2.43 0.00	58.94 3.57 0.00	64.85 3.30 0.00	39.48 2.05 0.00	33.26 1.78 0.00
HUNTLEY___63 23557	32.11 -1.72 0.00	25.06 -1.13 0.00	23.80 -1.16 0.00	22.69 -1.43 0.00	22.21 -1.33 0.00	20.98 -1.37 0.00	23.00 -1.19 0.00	21.04 -1.26 0.00	21.62 -1.16 0.00	18.29 -0.87 0.00	18.99 -0.51 0.00	25.59 -0.62 0.00	33.20 -0.80 0.00	36.51 -0.77 0.00	38.57 -1.03 0.00	37.16 -0.85 0.00	41.69 -0.64 0.00	42.97 -0.34 0.00	43.32 0.23 0.00	42.53 -0.08 0.00	55.26 -0.12 0.00	61.74 0.20 0.00	37.98 0.55 0.00	31.75 0.27 0.00
HUNTLEY___64 23558	32.11 -1.72 0.00	25.06 -1.13 0.00	23.80 -1.16 0.00	22.69 -1.43 0.00	22.21 -1.33 0.00	20.98 -1.37 0.00	23.00 -1.19 0.00	21.04 -1.26 0.00	21.62 -1.16 0.00	18.29 -0.87 0.00	18.99 -0.51 0.00	25.59 -0.62 0.00	33.20 -0.80 0.00	36.51 -0.77 0.00	38.57 -1.03 0.00	37.16 -0.85 0.00	41.69 -0.64 0.00	42.97 -0.34 0.00	43.32 0.23 0.00	42.53 -0.08 0.00	55.26 -0.12 0.00	61.74 0.20 0.00	37.98 0.55 0.00	31.75 0.27 0.00
HUNTLEY___65 23559	32.11 -1.72 0.00	25.06 -1.13 0.00	23.80 -1.16 0.00	22.69 -1.43 0.00	22.21 -1.33 0.00	20.98 -1.37 0.00	23.00 -1.19 0.00	21.04 -1.26 0.00	21.62 -1.16 0.00	18.29 -0.87 0.00	18.99 -0.51 0.00	25.59 -0.62 0.00	33.20 -0.80 0.00	36.51 -0.77 0.00	38.57 -1.03 0.00	37.16 -0.85 0.00	41.69 -0.64 0.00	42.97 -0.34 0.00	43.32 0.23 0.00	42.53 -0.08 0.00	55.26 -0.12 0.00	61.74 0.20 0.00	37.98 0.55 0.00	31.75 0.27 0.00
HUNTLEY___66 23560	32.11 -1.72 0.00	25.06 -1.13 0.00	23.80 -1.16 0.00	22.69 -1.43 0.00	22.21 -1.33 0.00	20.98 -1.37 0.00	23.00 -1.19 0.00	21.04 -1.26 0.00	21.62 -1.16 0.00	18.29 -0.87 0.00	18.99 -0.51 0.00	25.59 -0.62 0.00	33.20 -0.80 0.00	36.51 -0.77 0.00	38.57 -1.03 0.00	37.16 -0.85 0.00	41.69 -0.64 0.00	42.97 -0.34 0.00	43.32 0.23 0.00	42.53 -0.08 0.00	55.26 -0.12 0.00	61.74 0.20 0.00	37.98 0.55 0.00	31.75 0.27 0.00



HUNTLEY___67 23561	31.96 -1.87 0.00	24.94 -1.25 0.00	23.69 -1.26 0.00	22.60 -1.51 0.00	22.13 -1.41 0.00	20.91 -1.43 0.00	22.91 -1.28 0.00	20.96 -1.34 0.00	21.53 -1.25 0.00	18.22 -0.94 0.00	18.89 -0.62 0.00	25.44 -0.77 0.00	33.02 -0.98 0.00	36.30 -0.98 0.00	38.30 -1.31 0.00	36.87 -1.13 0.00	41.39 -0.94 0.00	42.64 -0.67 0.00	42.97 -0.12 0.00	42.21 -0.40 0.00	54.84 -0.53 0.00	61.29 -0.26 0.00	37.68 0.25 0.00	31.52 0.04 0.00
HUNTLEY___68 23562	31.96 -1.87 0.00	24.94 -1.25 0.00	23.69 -1.26 0.00	22.60 -1.51 0.00	22.13 -1.41 0.00	20.91 -1.43 0.00	22.91 -1.28 0.00	20.96 -1.34 0.00	21.53 -1.25 0.00	18.22 -0.94 0.00	18.89 -0.62 0.00	25.44 -0.77 0.00	33.02 -0.98 0.00	36.30 -0.98 0.00	38.30 -1.31 0.00	36.87 -1.13 0.00	41.39 -0.94 0.00	42.64 -0.67 0.00	42.97 -0.12 0.00	42.21 -0.40 0.00	54.84 -0.53 0.00	61.29 -0.26 0.00	37.68 0.25 0.00	31.52 0.04 0.00
HYLAND___LFGE 323620	34.17 0.34 0.00	26.51 0.32 0.00	25.15 0.20 0.00	24.07 -0.04 0.00	23.55 0.01 0.00	22.30 -0.04 0.00	24.35 0.16 0.00	22.31 0.01 0.00	22.60 -0.17 0.00	18.81 -0.35 0.00	19.35 -0.15 0.00	26.13 -0.08 0.00	34.06 0.05 0.00	37.47 0.18 0.00	39.67 0.06 0.00	38.19 0.18 0.00	42.94 0.61 0.00	44.38 1.07 0.00	45.01 1.91 0.00	44.94 2.33 0.00	59.03 3.65 0.00	65.58 4.03 0.00	39.95 2.52 0.00	33.25 1.77 0.00
INDECK___CORINTH 23802	35.87 2.03 0.00	27.63 1.44 0.00	26.34 1.39 0.00	25.50 1.39 0.00	24.72 1.19 0.00	23.50 1.16 0.00	25.42 1.22 0.00	23.29 0.99 0.00	23.79 1.02 0.00	19.89 0.73 0.00	20.11 0.61 0.00	27.08 0.87 0.00	35.24 1.24 0.00	38.94 1.66 0.00	41.78 2.17 0.00	40.16 2.16 0.00	44.86 2.53 0.00	46.38 3.06 0.00	46.44 3.35 0.00	45.83 3.22 0.00	59.52 4.15 0.00	65.52 3.97 0.00	39.99 2.56 0.00	33.65 2.16 0.00
INDECK___ILION 23567	33.74 -0.09 0.00	26.08 -0.11 0.00	24.88 -0.08 0.00	24.10 -0.01 0.00	23.51 -0.02 0.00	22.34 0.00 0.00	24.16 -0.03 0.00	22.24 -0.06 0.00	22.68 -0.10 0.00	18.97 -0.19 0.00	19.21 -0.29 0.00	25.81 -0.40 0.00	33.61 -0.40 0.00	37.03 -0.25 0.00	39.46 -0.14 0.00	37.94 -0.07 0.00	42.25 -0.08 0.00	43.50 0.19 0.00	43.45 0.35 0.00	42.97 0.36 0.00	55.84 0.46 0.00	61.89 0.34 0.00	37.56 0.13 0.00	31.60 0.11 0.00
INDECK___OLEAN 23982	33.12 -0.72 0.00	25.81 -0.38 0.00	24.49 -0.46 0.00	23.45 -0.66 0.00	22.95 -0.58 0.00	21.73 -0.61 0.00	23.72 -0.47 0.00	21.77 -0.53 0.00	22.31 -0.47 0.00	18.90 -0.27 0.00	19.51 0.01 0.00	26.47 0.26 0.00	34.54 0.54 0.00	37.92 0.63 0.00	39.81 0.20 0.00	38.23 0.23 0.00	43.15 0.82 0.00	44.54 1.23 0.00	44.71 1.62 0.00	43.83 1.22 0.00	56.78 1.40 0.00	62.95 1.40 0.00	38.64 1.21 0.00	32.30 0.81 0.00
INDECK___OSWEGO 23783	33.07 -0.77 0.00	25.60 -0.59 0.00	24.37 -0.58 0.00	23.53 -0.59 0.00	22.97 -0.56 0.00	21.81 -0.53 0.00	23.64 -0.56 0.00	21.77 -0.53 0.00	22.22 -0.55 0.00	18.67 -0.49 0.00	18.97 -0.53 0.00	25.43 -0.78 0.00	33.05 -0.95 0.00	36.36 -0.92 0.00	38.62 -0.99 0.00	37.11 -0.90 0.00	41.44 -0.89 0.00	42.61 -0.70 0.00	42.55 -0.54 0.00	42.03 -0.57 0.00	54.61 -0.76 0.00	60.61 -0.93 0.00	36.85 -0.58 0.00	30.95 -0.54 0.00
INDECK___YERKES 23781	32.14 -1.70 0.00	25.07 -1.12 0.00	23.82 -1.13 0.00	22.70 -1.41 0.00	22.23 -1.31 0.00	21.00 -1.34 0.00	23.02 -1.18 0.00	21.06 -1.24 0.00	21.64 -1.14 0.00	18.30 -0.86 0.00	19.00 -0.50 0.00	25.62 -0.59 0.00	33.25 -0.75 0.00	36.55 -0.73 0.00	38.62 -0.99 0.00	37.19 -0.82 0.00	41.73 -0.60 0.00	43.02 -0.30 0.00	43.36 0.27 0.00	42.56 -0.05 0.00	55.31 -0.07 0.00	61.81 0.26 0.00	38.01 0.57 0.00	31.78 0.30 0.00
INDIAN POINT_GT_1 24139	34.90 1.06 0.00	26.92 0.72 0.00	25.59 0.64 0.00	24.68 0.57 0.00	24.07 0.53 0.00	22.85 0.51 0.00	24.69 0.49 0.00	22.85 0.55 0.00	23.43 0.65 0.00	19.83 0.67 0.00	20.20 0.70 0.00	27.39 1.18 0.00	35.72 1.72 0.00	39.55 2.26 0.00	41.92 2.31 0.00	40.26 2.25 0.00	44.87 2.54 0.00	46.17 2.86 0.00	45.68 2.59 0.00	44.84 2.24 0.00	58.32 2.95 0.00	64.37 2.82 0.00	39.11 1.68 0.00	32.91 1.42 0.00
INDIAN POINT_GT_2 23659	34.90 1.06 0.00	26.92 0.72 0.00	25.59 0.64 0.00	24.68 0.57 0.00	24.07 0.53 0.00	22.85 0.51 0.00	24.69 0.49 0.00	22.85 0.55 0.00	23.43 0.65 0.00	19.83 0.67 0.00	20.20 0.70 0.00	27.39 1.18 0.00	35.72 1.72 0.00	39.55 2.26 0.00	41.92 2.31 0.00	40.26 2.25 0.00	44.87 2.54 0.00	46.17 2.86 0.00	45.68 2.59 0.00	44.84 2.24 0.00	58.32 2.95 0.00	64.37 2.82 0.00	39.11 1.68 0.00	32.91 1.42 0.00
INDIAN POINT_GT_3 24019	34.90 1.06 0.00	26.92 0.72 0.00	25.59 0.64 0.00	24.68 0.57 0.00	24.07 0.53 0.00	22.85 0.51 0.00	24.69 0.49 0.00	22.85 0.55 0.00	23.43 0.65 0.00	19.83 0.67 0.00	20.20 0.70 0.00	27.39 1.18 0.00	35.72 1.72 0.00	39.55 2.26 0.00	41.92 2.31 0.00	40.26 2.25 0.00	44.87 2.54 0.00	46.17 2.86 0.00	45.68 2.59 0.00	44.84 2.24 0.00	58.32 2.95 0.00	64.37 2.82 0.00	39.11 1.68 0.00	32.91 1.42 0.00
INDIAN POINT___2 23530	34.86 1.03 0.00	26.89 0.70 0.00	25.56 0.61 0.00	24.65 0.54 0.00	24.03 0.50 0.00	22.82 0.47 0.00	24.65 0.46 0.00	22.82 0.53 0.00	23.40 0.63 0.00	19.81 0.65 0.00	20.18 0.68 0.00	27.37 1.16 0.00	35.70 1.70 0.00	39.52 2.24 0.00	41.88 2.27 0.00	40.23 2.22 0.00	44.84 2.51 0.00	46.14 2.82 0.00	45.65 2.56 0.00	44.81 2.20 0.00	58.27 2.90 0.00	64.32 2.78 0.00	39.08 1.65 0.00	32.88 1.39 0.00
INDIAN POINT___3 23531	34.86 1.03 0.00	26.89 0.70 0.00	25.57 0.61 0.00	24.66 0.55 0.00	24.05 0.51 0.00	22.84 0.49 0.00	24.67 0.48 0.00	22.84 0.54 0.00	23.41 0.63 0.00	19.82 0.66 0.00	20.18 0.68 0.00	27.36 1.15 0.00	35.69 1.69 0.00	39.51 2.23 0.00	41.87 2.26 0.00	40.21 2.21 0.00	44.81 2.48 0.00	46.12 2.81 0.00	45.62 2.53 0.00	44.79 2.19 0.00	58.27 2.89 0.00	64.29 2.75 0.00	39.07 1.64 0.00	32.87 1.39 0.00
INGHAM_C_115KV_TB7 356103	33.51 -0.33 0.00	25.85 -0.34 0.00	24.70 -0.25 0.00	23.98 -0.13 0.00	23.38 -0.15 0.00	22.24 -0.11 0.00	24.01 -0.18 0.00	22.08 -0.22 0.00	22.45 -0.33 0.00	18.62 -0.55 0.00	18.74 -0.77 0.00	25.13 -1.08 0.00	32.86 -1.14 0.00	36.36 -0.93 0.00	38.88 -0.73 0.00	37.50 -0.51 0.00	41.69 -0.64 0.00	43.17 -0.15 0.00	43.32 0.23 0.00	42.97 0.37 0.00	55.81 0.44 0.00	61.79 0.24 0.00	37.41 -0.02 0.00	31.48 0.00 0.00
IP CORINTH___1 23988	35.87 2.03 0.00	27.63 1.44 0.00	26.34 1.39 0.00	25.50 1.39 0.00	24.72 1.19 0.00	23.50 1.16 0.00	25.42 1.22 0.00	23.29 0.99 0.00	23.79 1.02 0.00	19.89 0.73 0.00	20.11 0.61 0.00	27.08 0.87 0.00	35.24 1.24 0.00	38.94 1.66 0.00	41.78 2.17 0.00	40.17 2.16 0.00	44.86 2.53 0.00	46.38 3.06 0.00	46.44 3.35 0.00	45.83 3.22 0.00	59.52 4.15 0.00	65.52 3.97 0.00	39.99 2.56 0.00	33.65 2.16 0.00

IP___TICONDEROGA 23804	37.34 3.51 0.00	28.68 2.49 0.00	27.28 2.32 0.00	26.41 2.30 0.00	25.77 2.23 0.00	24.52 2.18 0.00	26.61 2.42 0.00	24.43 2.13 0.00	24.85 2.08 0.00	20.71 1.54 0.00	20.74 1.24 0.00	28.02 1.81 0.00	36.39 2.39 0.00	40.26 2.97 0.00	43.52 3.91 0.00	41.72 3.71 0.00	46.66 4.33 0.00	48.51 5.19 0.00	48.98 5.88 0.00	48.47 5.87 0.00	63.13 7.76 0.00	69.06 7.51 0.00	42.02 4.59 0.00	35.52 4.03 0.00
ISLIP_RES_REC 323679	35.89 2.06 0.00	29.65 1.56 -1.91	26.34 1.39 0.00	25.30 1.18 0.00	24.65 1.12 0.00	23.40 1.05 0.00	25.23 1.03 0.00	23.41 1.11 0.00	24.74 1.47 -0.49	21.08 1.28 -0.64	20.80 1.30 0.00	30.46 1.98 -2.28	37.35 2.78 -0.56	53.11 3.57 -12.26	43.16 3.55 0.00	41.57 3.56 0.00	46.31 3.98 0.00	47.41 4.10 0.00	46.59 3.50 0.00	45.49 2.88 0.00	59.59 4.22 0.00	65.49 3.94 0.00	39.83 2.40 0.00	33.49 2.01 0.00
JAMAICA__27_KV_LOAD 355505	35.38 1.54 0.00	27.26 1.08 0.00	25.91 0.95 0.00	24.98 0.87 0.00	24.37 0.84 0.00	23.16 0.82 0.00	25.00 0.80 0.00	23.23 0.93 0.00	23.78 1.00 0.00	20.19 1.03 0.00	20.56 1.05 0.00	27.86 1.65 0.00	36.32 2.32 0.00	40.21 2.92 0.00	42.59 2.98 0.00	40.94 2.93 0.00	45.63 3.30 0.00	46.98 3.66 0.00	46.35 3.25 0.00	45.42 2.82 0.00	59.16 3.79 0.00	65.40 3.85 0.00	39.75 2.32 0.00	33.49 2.01 0.00
JANIS___SOLAR 323808	34.83 0.99 0.00	26.95 0.76 0.00	25.60 0.65 0.00	24.67 0.56 0.00	24.10 0.57 0.00	22.87 0.53 0.00	24.84 0.65 0.00	22.86 0.56 0.00	23.16 0.38 0.00	19.33 0.17 0.00	19.60 0.10 0.00	26.34 0.14 0.00	34.30 0.30 0.00	37.81 0.52 0.00	40.16 0.55 0.00	38.78 0.78 0.00	43.64 1.31 0.00	45.13 1.82 0.00	45.62 2.53 0.00	45.37 2.77 0.00	58.87 3.50 0.00	65.05 3.50 0.00	39.43 2.00 0.00	32.97 1.48 0.00
JARVIS____ 23743	33.81 -0.02 0.00	26.16 -0.03 0.00	24.93 -0.02 0.00	24.11 0.00 0.00	23.53 0.00 0.00	22.35 0.00 0.00	24.19 0.00 0.00	22.30 0.00 0.00	22.77 0.00 0.00	19.14 -0.02 0.00	19.46 -0.04 0.00	26.16 -0.05 0.00	33.98 -0.03 0.00	37.33 0.05 0.00	39.69 0.08 0.00	38.08 0.07 0.00	42.42 0.09 0.00	43.51 0.20 0.00	43.31 0.21 0.00	42.78 0.17 0.00	55.59 0.22 0.00	61.69 0.15 0.00	37.52 0.09 0.00	31.57 0.08 0.00
JENNISON___1 23625	34.86 1.03 0.00	26.95 0.76 0.00	25.63 0.68 0.00	24.72 0.61 0.00	24.13 0.59 0.00	22.91 0.56 0.00	24.85 0.66 0.00	22.91 0.61 0.00	23.35 0.58 0.00	19.62 0.46 0.00	19.97 0.46 0.00	26.94 0.74 0.00	35.11 1.11 0.00	38.70 1.42 0.00	41.03 1.42 0.00	39.52 1.52 0.00	44.37 2.04 0.00	45.84 2.53 0.00	45.91 2.82 0.00	45.35 2.74 0.00	58.72 3.35 0.00	64.88 3.33 0.00	39.34 1.91 0.00	32.97 1.48 0.00
JENNISON___2 23626	34.86 1.03 0.00	26.95 0.76 0.00	25.63 0.68 0.00	24.72 0.61 0.00	24.13 0.59 0.00	22.91 0.56 0.00	24.85 0.66 0.00	22.91 0.61 0.00	23.35 0.58 0.00	19.62 0.46 0.00	19.97 0.46 0.00	26.94 0.74 0.00	35.11 1.11 0.00	38.70 1.42 0.00	41.03 1.42 0.00	39.52 1.52 0.00	44.37 2.04 0.00	45.84 2.53 0.00	45.91 2.82 0.00	45.35 2.74 0.00	58.72 3.35 0.00	64.88 3.33 0.00	39.34 1.91 0.00	32.97 1.48 0.00
JERICHO_RISE_WT_PWR 323719	34.37 0.54 0.00	26.67 0.48 0.00	25.43 0.48 0.00	24.55 0.43 0.00	23.96 0.42 0.00	22.75 0.41 0.00	24.72 0.52 0.00	22.83 0.53 0.00	23.22 0.44 0.00	19.54 0.38 0.00	20.00 0.50 0.00	26.90 0.69 0.00	34.72 0.71 0.00	37.96 0.67 0.00	40.39 0.78 0.00	38.51 0.50 0.00	42.81 0.48 0.00	43.62 0.31 0.00	43.49 0.40 0.00	43.26 0.66 0.00	56.29 0.92 0.00	62.60 1.06 0.00	38.14 0.71 0.00	31.96 0.48 0.00
KATONAH__115KV_46KV_TB4 355592	35.04 1.21 0.00	27.00 0.81 0.00	25.67 0.72 0.00	24.78 0.67 0.00	24.16 0.63 0.00	22.95 0.61 0.00	24.79 0.60 0.00	22.95 0.65 0.00	23.57 0.79 0.00	19.96 0.80 0.00	20.33 0.83 0.00	27.57 1.36 0.00	35.95 1.95 0.00	39.81 2.52 0.00	42.21 2.60 0.00	40.58 2.57 0.00	45.21 2.88 0.00	46.53 3.22 0.00	46.04 2.95 0.00	45.18 2.57 0.00	58.73 3.35 0.00	64.77 3.23 0.00	39.34 1.91 0.00	33.09 1.60 0.00
KCE_NY_1 323755	35.50 1.67 0.00	27.37 1.19 0.00	26.13 1.17 0.00	25.32 1.21 0.00	24.64 1.11 0.00	23.42 1.07 0.00	25.33 1.13 0.00	23.25 0.95 0.00	23.74 0.96 0.00	19.87 0.71 0.00	20.13 0.63 0.00	27.09 0.87 0.00	35.25 1.24 0.00	38.96 1.67 0.00	41.63 2.02 0.00	39.99 1.99 0.00	44.60 2.27 0.00	46.08 2.77 0.00	46.01 2.92 0.00	45.40 2.80 0.00	59.01 3.64 0.00	65.06 3.51 0.00	39.51 2.08 0.00	33.26 1.78 0.00
KCE_NY_6_ESR 323823	32.43 -1.41 0.00	25.28 -0.91 0.00	24.02 -0.93 0.00	22.91 -1.21 0.00	22.43 -1.11 0.00	21.20 -1.14 0.00	23.22 -0.98 0.00	21.25 -1.05 0.00	21.82 -0.96 0.00	18.46 -0.71 0.00	19.14 -0.36 0.00	25.84 -0.37 0.00	33.59 -0.41 0.00	36.93 -0.35 0.00	39.00 -0.61 0.00	37.52 -0.48 0.00	42.19 -0.14 0.00	43.45 0.14 0.00	43.79 0.70 0.00	43.00 0.39 0.00	55.84 0.47 0.00	62.28 0.73 0.00	38.25 0.82 0.00	31.98 0.49 0.00
KEDC_PORT_JEFF_GT2 24210	35.69 1.86 0.00	29.51 1.42 -1.91	26.22 1.26 0.00	25.18 1.07 0.00	24.54 1.01 0.00	23.29 0.95 0.00	25.12 0.92 0.00	23.30 1.00 0.00	24.62 1.36 -0.49	20.97 1.17 -0.64	20.69 1.18 0.00	30.30 1.81 -2.28	37.08 2.52 -0.56	52.80 3.26 -12.26	42.85 3.24 0.00	41.25 3.24 0.00	45.91 3.57 0.00	46.77 3.45 0.00	45.95 2.86 0.00	44.91 2.30 0.00	59.10 3.73 0.00	64.96 3.41 0.00	39.53 2.10 0.00	33.26 1.78 0.00
KEDC_PORT_JEFF_GT3 24211	35.69 1.86 0.00	29.51 1.42 -1.91	26.22 1.26 0.00	25.18 1.07 0.00	24.54 1.01 0.00	23.29 0.95 0.00	25.12 0.92 0.00	23.30 1.00 0.00	24.62 1.36 -0.49	20.97 1.17 -0.64	20.69 1.18 0.00	30.30 1.81 -2.28	37.08 2.52 -0.56	52.80 3.26 -12.26	42.85 3.24 0.00	41.25 3.24 0.00	45.91 3.57 0.00	46.77 3.45 0.00	45.95 2.86 0.00	44.91 2.30 0.00	59.10 3.73 0.00	64.96 3.41 0.00	39.53 2.10 0.00	33.26 1.78 0.00
KEDC_GLWD_GT4 24219	35.65 1.82 0.00	29.42 1.33 -1.91	26.13 1.18 0.00	25.14 1.03 0.00	24.50 0.96 0.00	23.25 0.90 0.00	25.07 0.88 0.00	23.23 0.93 0.00	24.42 1.16 -0.49	20.91 1.11 -0.64	20.69 1.19 0.00	30.37 1.88 -2.28	37.16 2.60 -0.56	52.82 3.28 -12.26	42.87 3.26 0.00	41.24 3.23 0.00	45.56 3.23 0.00	46.77 3.45 0.00	46.06 2.97 0.00	45.03 2.43 0.00	58.73 3.35 0.00	64.78 3.23 0.00	39.85 2.42 0.00	33.51 2.03 0.00
KEDC_GLWD_GT5 24220	35.65 1.82 0.00	29.42 1.33 -1.91	26.13 1.18 0.00	25.14 1.03 0.00	24.50 0.96 0.00	23.25 0.90 0.00	25.07 0.88 0.00	23.23 0.93 0.00	24.42 1.16 -0.49	20.91 1.11 -0.64	20.69 1.19 0.00	30.37 1.88 -2.28	37.16 2.60 -0.56	52.82 3.28 -12.26	42.87 3.26 0.00	41.24 3.23 0.00	45.56 3.23 0.00	46.77 3.45 0.00	46.06 2.97 0.00	45.03 2.43 0.00	58.73 3.35 0.00	64.78 3.23 0.00	39.85 2.42 0.00	33.51 2.03 0.00

KENSICO____ 23655	35.00 1.17 0.00	26.99 0.81 0.00	25.67 0.71 0.00	24.76 0.64 0.00	24.14 0.61 0.00	22.92 0.58 0.00	24.75 0.56 0.00	22.92 0.62 0.00	23.50 0.72 0.00	19.90 0.74 0.00	20.27 0.77 0.00	27.48 1.27 0.00	35.83 1.83 0.00	39.66 2.38 0.00	42.03 2.42 0.00	40.38 2.37 0.00	44.99 2.66 0.00	46.30 2.98 0.00	45.78 2.69 0.00	44.93 2.33 0.00	58.43 3.06 0.00	64.49 2.95 0.00	39.21 1.78 0.00	33.00 1.51 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	34.87 1.04 0.00	26.87 0.68 0.00	25.51 0.55 0.00	24.57 0.46 0.00	23.95 0.42 0.00	22.74 0.40 0.00	24.59 0.39 0.00	22.74 0.44 0.00	23.32 0.55 0.00	19.76 0.60 0.00	20.10 0.60 0.00	27.23 1.02 0.00	35.68 1.68 0.00	39.43 2.14 0.00	41.90 2.29 0.00	40.32 2.32 0.00	44.99 2.66 0.00	46.57 3.26 0.00	46.14 3.05 0.00	45.28 2.67 0.00	58.82 3.45 0.00	64.81 3.26 0.00	39.28 1.85 0.00	32.97 1.48 0.00
KIAC_JFK_GT1 23816	35.16 1.33 0.00	27.10 0.91 0.00	25.76 0.80 0.00	24.84 0.73 0.00	24.23 0.70 0.00	23.03 0.68 0.00	24.85 0.66 0.00	23.09 0.78 0.00	23.63 0.86 0.00	20.07 0.91 0.00	20.43 0.92 0.00	27.69 1.48 0.00	36.06 2.06 0.00	39.80 2.52 0.00	42.17 2.57 0.00	40.53 2.52 0.00	45.16 2.83 0.00	46.49 3.18 0.00	45.88 2.79 0.00	44.98 2.38 0.00	58.56 3.18 0.00	64.70 3.16 0.00	39.34 1.91 0.00	33.24 1.76 0.00
KIAC_JFK_GT2 23817	35.16 1.33 0.00	27.10 0.91 0.00	25.76 0.80 0.00	24.84 0.73 0.00	24.23 0.70 0.00	23.03 0.68 0.00	24.85 0.66 0.00	23.09 0.78 0.00	23.63 0.86 0.00	20.07 0.91 0.00	20.43 0.92 0.00	27.69 1.48 0.00	36.06 2.06 0.00	39.80 2.52 0.00	42.17 2.57 0.00	40.53 2.52 0.00	45.16 2.83 0.00	46.49 3.18 0.00	45.88 2.79 0.00	44.98 2.38 0.00	58.56 3.18 0.00	64.70 3.16 0.00	39.34 1.91 0.00	33.24 1.76 0.00
KIAC_JFK____ 323774	35.16 1.33 0.00	27.10 0.91 0.00	25.76 0.80 0.00	24.84 0.73 0.00	24.23 0.70 0.00	23.03 0.68 0.00	24.85 0.66 0.00	23.08 0.78 0.00	23.64 0.86 0.00	20.07 0.91 0.00	20.43 0.92 0.00	27.69 1.48 0.00	36.06 2.06 0.00	39.81 2.52 0.00	42.17 2.56 0.00	40.53 2.53 0.00	45.16 2.83 0.00	46.49 3.18 0.00	45.88 2.79 0.00	44.98 2.38 0.00	58.55 3.18 0.00	64.70 3.15 0.00	39.33 1.91 0.00	33.24 1.76 0.00
KINTIGH____ 23543	32.01 -1.83 0.00	24.95 -1.23 0.00	23.71 -1.24 0.00	22.66 -1.45 0.00	22.18 -1.35 0.00	20.98 -1.36 0.00	22.94 -1.26 0.00	21.01 -1.29 0.00	21.56 -1.22 0.00	18.22 -0.94 0.00	18.84 -0.67 0.00	25.34 -0.87 0.00	32.91 -1.10 0.00	36.19 -1.09 0.00	38.20 -1.41 0.00	36.77 -1.24 0.00	41.22 -1.11 0.00	42.48 -0.84 0.00	42.74 -0.35 0.00	41.99 -0.62 0.00	54.57 -0.80 0.00	60.91 -0.63 0.00	37.38 -0.05 0.00	31.29 -0.20 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	35.04 1.21 0.00	27.16 0.97 0.00	25.89 0.94 0.00	25.02 0.91 0.00	24.42 0.89 0.00	23.20 0.85 0.00	25.20 1.00 0.00	23.27 0.97 0.00	23.66 0.89 0.00	19.93 0.77 0.00	20.34 0.84 0.00	27.41 1.20 0.00	35.38 1.38 0.00	38.85 1.57 0.00	41.46 1.85 0.00	39.40 1.39 0.00	43.89 1.56 0.00	44.96 1.65 0.00	44.77 1.68 0.00	44.49 1.88 0.00	57.95 2.58 0.00	64.24 2.69 0.00	39.23 1.80 0.00	32.87 1.39 0.00
LACHUTE____HYDRO 323717	37.34 3.51 0.00	28.68 2.49 0.00	27.27 2.32 0.00	26.41 2.30 0.00	25.77 2.23 0.00	24.52 2.18 0.00	26.61 2.42 0.00	24.43 2.13 0.00	24.85 2.08 0.00	20.71 1.54 0.00	20.74 1.24 0.00	28.02 1.81 0.00	36.39 2.39 0.00	40.26 2.97 0.00	43.52 3.91 0.00	41.72 3.71 0.00	46.66 4.33 0.00	48.51 5.19 0.00	48.98 5.88 0.00	48.47 5.87 0.00	63.13 7.76 0.00	69.05 7.51 0.00	42.02 4.59 0.00	35.52 4.03 0.00
LAWRNCV_115KV_TB1 80681	34.35 0.52 0.00	26.63 0.44 0.00	25.38 0.42 0.00	24.45 0.34 0.00	23.82 0.28 0.00	22.54 0.20 0.00	24.47 0.27 0.00	22.56 0.26 0.00	22.98 0.21 0.00	19.33 0.17 0.00	19.71 0.20 0.00	26.41 0.20 0.00	34.03 0.03 0.00	37.16 -0.12 0.00	39.52 -0.09 0.00	37.73 -0.28 0.00	41.90 -0.43 0.00	42.07 -1.25 0.00	42.12 -0.97 0.00	42.42 -0.19 0.00	55.24 -0.14 0.00	61.49 -0.05 0.00	37.35 -0.08 0.00	31.38 -0.10 0.00
LEDERLE____ 23769	35.04 1.20 0.00	27.01 0.82 0.00	25.67 0.72 0.00	24.75 0.64 0.00	24.13 0.60 0.00	22.91 0.57 0.00	24.76 0.57 0.00	22.93 0.63 0.00	23.51 0.73 0.00	19.91 0.75 0.00	20.29 0.79 0.00	27.55 1.35 0.00	35.99 1.98 0.00	39.85 2.57 0.00	42.24 2.63 0.00	40.57 2.56 0.00	45.26 2.93 0.00	46.58 3.27 0.00	46.09 2.99 0.00	45.24 2.63 0.00	58.82 3.44 0.00	64.87 3.33 0.00	39.38 1.95 0.00	33.10 1.61 0.00
LIGHTHSE_115KV_TB6 355974	33.27 -0.56 0.00	25.73 -0.46 0.00	24.45 -0.50 0.00	23.63 -0.48 0.00	23.08 -0.45 0.00	21.91 -0.43 0.00	23.76 -0.44 0.00	21.87 -0.43 0.00	22.27 -0.50 0.00	18.67 -0.49 0.00	18.96 -0.55 0.00	25.41 -0.80 0.00	33.03 -0.98 0.00	36.37 -0.91 0.00	38.64 -0.97 0.00	37.12 -0.89 0.00	41.51 -0.82 0.00	42.78 -0.54 0.00	42.91 -0.18 0.00	42.56 -0.05 0.00	55.54 0.16 0.00	61.58 0.03 0.00	37.40 -0.03 0.00	31.33 -0.16 0.00
LINDEN COGEN____ 23786	34.95 1.12 0.00	26.95 0.76 0.00	25.61 0.65 0.00	24.69 0.58 0.00	24.07 0.54 0.00	22.85 0.51 0.00	24.69 0.49 0.00	22.88 0.58 0.00	23.45 0.68 0.00	19.89 0.73 0.00	20.26 0.76 0.00	27.49 1.29 0.00	35.88 1.87 0.00	39.74 2.45 0.00	42.05 2.44 0.00	40.43 2.42 0.00	45.03 2.70 0.00	46.31 3.00 0.00	45.73 2.64 0.00	44.87 2.26 0.00	58.38 3.00 0.00	64.46 2.92 0.00	39.19 1.76 0.00	32.99 1.51 0.00
LINDHRST_69_KV_BK1 356055	35.95 2.12 0.00	29.67 1.58 -1.90	26.36 1.40 0.00	25.33 1.22 0.00	24.68 1.14 0.00	23.42 1.07 0.00	25.26 1.07 0.00	23.41 1.11 0.00	24.66 1.40 -0.49	21.07 1.28 -0.63	20.83 1.33 0.00	30.54 2.05 -2.28	37.40 2.84 -0.56	53.05 3.51 -12.26	43.05 3.45 0.00	41.44 3.43 0.00	46.08 3.75 0.00	47.30 3.99 0.00	46.57 3.47 0.00	45.50 2.90 0.00	59.46 4.09 0.00	65.52 3.98 0.00	40.02 2.60 0.00	33.69 2.21 0.00
LIPA_MISC_IPP 23656	35.51 1.68 0.00	29.39 1.30 -1.90	26.10 1.15 0.00	25.07 0.96 0.00	24.44 0.91 0.00	23.20 0.85 0.00	25.01 0.82 0.00	23.21 0.91 0.00	24.57 1.31 -0.49	20.88 1.08 -0.63	20.59 1.09 0.00	30.12 1.63 -2.28	36.88 2.32 -0.56	52.57 3.03 -12.26	42.59 2.98 0.00	41.00 2.99 0.00	45.65 3.32 0.00	46.77 3.45 0.00	45.95 2.86 0.00	44.88 2.27 0.00	58.78 3.41 0.00	64.59 3.05 0.00	39.28 1.85 0.00	33.05 1.56 0.00
LISF____SOLAR 323691	35.58 1.75 0.00	29.44 1.34 -1.91	26.15 1.19 0.00	25.12 1.00 0.00	24.48 0.95 0.00	23.22 0.88 0.00	25.05 0.85 0.00	23.24 0.94 0.00	24.61 1.35 -0.49	20.91 1.12 -0.64	20.61 1.11 0.00	30.15 1.66 -2.28	36.92 2.36 -0.56	52.64 3.10 -12.26	42.66 3.05 0.00	41.07 3.06 0.00	45.75 3.43 0.00	46.89 3.58 0.00	46.08 2.99 0.00	45.00 2.40 0.00	58.96 3.58 0.00	64.77 3.22 0.00	39.38 1.95 0.00	33.11 1.63 0.00

LITTLE FALLS___HYD 24013	33.51 -0.33 0.00	25.85 -0.34 0.00	24.70 -0.25 0.00	23.98 -0.13 0.00	23.38 -0.15 0.00	22.24 -0.11 0.00	24.01 -0.18 0.00	22.08 -0.22 0.00	22.45 -0.33 0.00	18.62 -0.55 0.00	18.74 -0.77 0.00	25.13 -1.08 0.00	32.86 -1.14 0.00	36.36 -0.93 0.00	38.88 -0.73 0.00	37.50 -0.51 0.00	41.69 -0.64 0.00	43.17 -0.15 0.00	43.32 0.23 0.00	42.97 0.37 0.00	55.81 0.44 0.00	61.79 0.24 0.00	37.41 -0.02 0.00	31.48 0.00 0.00
LITTLRIV_115KV_TB1 356100	34.78 0.95 0.00	26.96 0.77 0.00	25.68 0.73 0.00	24.73 0.62 0.00	24.09 0.56 0.00	22.81 0.47 0.00	24.78 0.58 0.00	22.83 0.53 0.00	23.20 0.42 0.00	19.47 0.30 0.00	19.82 0.32 0.00	26.55 0.34 0.00	34.22 0.21 0.00	37.34 0.05 0.00	39.76 0.15 0.00	37.95 -0.06 0.00	42.15 -0.18 0.00	42.42 -0.89 0.00	42.61 -0.48 0.00	43.07 0.46 0.00	56.12 0.75 0.00	62.47 0.92 0.00	37.90 0.47 0.00	31.82 0.33 0.00
LI_NEWBRDGE___DRP 323616	35.35 1.52 0.00	29.20 1.11 -1.90	25.93 0.98 0.00	24.96 0.84 0.00	24.32 0.79 0.00	23.08 0.74 0.00	24.90 0.70 0.00	23.07 0.77 0.00	24.24 0.98 -0.49	20.74 0.94 -0.63	20.48 0.98 0.00	30.06 1.57 -2.28	36.72 2.15 -0.56	52.30 2.75 -12.26	42.31 2.70 0.00	40.70 2.69 0.00	45.24 2.91 0.00	46.46 3.14 0.00	45.77 2.68 0.00	44.79 2.18 0.00	58.45 3.08 0.00	64.44 2.89 0.00	39.35 1.92 0.00	33.13 1.65 0.00
LOCKPORT_115KV_TB60_63_64 80432	31.96 -1.87 0.00	24.94 -1.25 0.00	23.69 -1.27 0.00	22.58 -1.54 0.00	22.10 -1.43 0.00	20.89 -1.45 0.00	22.90 -1.30 0.00	20.95 -1.35 0.00	21.51 -1.27 0.00	18.18 -0.98 0.00	18.86 -0.65 0.00	25.42 -0.79 0.00	32.93 -1.07 0.00	36.20 -1.08 0.00	38.25 -1.36 0.00	36.84 -1.17 0.00	41.32 -1.01 0.00	42.62 -0.69 0.00	43.04 -0.05 0.00	42.27 -0.33 0.00	54.96 -0.42 0.00	61.43 -0.11 0.00	37.78 0.35 0.00	31.58 0.10 0.00
LOCKPORT___CC1 323769	31.93 -1.90 0.00	24.92 -1.27 0.00	23.67 -1.29 0.00	22.56 -1.55 0.00	22.09 -1.44 0.00	20.88 -1.46 0.00	22.89 -1.31 0.00	20.93 -1.37 0.00	21.49 -1.28 0.00	18.17 -0.99 0.00	18.85 -0.65 0.00	25.41 -0.80 0.00	32.93 -1.07 0.00	36.18 -1.10 0.00	38.21 -1.40 0.00	36.80 -1.21 0.00	41.28 -1.05 0.00	42.57 -0.74 0.00	42.96 -0.13 0.00	42.20 -0.40 0.00	54.87 -0.50 0.00	61.35 -0.20 0.00	37.73 0.30 0.00	31.55 0.07 0.00
LOCKPORT___CC2 323770	31.93 -1.90 0.00	24.92 -1.27 0.00	23.67 -1.29 0.00	22.56 -1.55 0.00	22.09 -1.44 0.00	20.88 -1.46 0.00	22.89 -1.31 0.00	20.93 -1.37 0.00	21.49 -1.28 0.00	18.17 -0.99 0.00	18.85 -0.65 0.00	25.41 -0.80 0.00	32.93 -1.07 0.00	36.18 -1.10 0.00	38.21 -1.40 0.00	36.80 -1.21 0.00	41.28 -1.05 0.00	42.57 -0.74 0.00	42.96 -0.13 0.00	42.20 -0.40 0.00	54.87 -0.50 0.00	61.35 -0.20 0.00	37.73 0.30 0.00	31.55 0.07 0.00
LOCKPORT___CC3 323771	31.93 -1.90 0.00	24.92 -1.27 0.00	23.67 -1.29 0.00	22.56 -1.55 0.00	22.09 -1.44 0.00	20.88 -1.46 0.00	22.89 -1.31 0.00	20.93 -1.37 0.00	21.49 -1.28 0.00	18.17 -0.99 0.00	18.85 -0.65 0.00	25.41 -0.80 0.00	32.93 -1.07 0.00	36.18 -1.10 0.00	38.21 -1.40 0.00	36.80 -1.21 0.00	41.28 -1.05 0.00	42.57 -0.74 0.00	42.96 -0.13 0.00	42.20 -0.40 0.00	54.87 -0.50 0.00	61.35 -0.20 0.00	37.73 0.30 0.00	31.55 0.07 0.00
LONG_LAKE_PHOENIX 24014	33.15 -0.68 0.00	25.67 -0.52 0.00	24.43 -0.53 0.00	23.57 -0.54 0.00	23.02 -0.51 0.00	21.85 -0.49 0.00	23.68 -0.51 0.00	21.82 -0.48 0.00	22.28 -0.49 0.00	18.72 -0.44 0.00	19.03 -0.48 0.00	25.51 -0.70 0.00	33.16 -0.84 0.00	36.48 -0.80 0.00	38.77 -0.84 0.00	37.26 -0.74 0.00	41.64 -0.69 0.00	42.80 -0.52 0.00	42.78 -0.31 0.00	42.24 -0.37 0.00	54.84 -0.53 0.00	60.85 -0.69 0.00	37.00 -0.43 0.00	31.06 -0.42 0.00
LOVETT___3 23632	34.83 0.99 0.00	26.86 0.67 0.00	25.54 0.58 0.00	24.62 0.51 0.00	24.01 0.47 0.00	22.79 0.45 0.00	24.63 0.44 0.00	22.80 0.51 0.00	23.38 0.60 0.00	19.79 0.63 0.00	20.17 0.66 0.00	27.36 1.15 0.00	35.70 1.70 0.00	39.53 2.25 0.00	41.89 2.28 0.00	40.23 2.22 0.00	44.86 2.53 0.00	46.17 2.85 0.00	45.66 2.57 0.00	44.83 2.22 0.00	58.32 2.95 0.00	64.32 2.78 0.00	39.08 1.65 0.00	32.87 1.39 0.00
LOVETT___4 23642	34.83 0.99 0.00	26.86 0.67 0.00	25.54 0.58 0.00	24.62 0.51 0.00	24.01 0.47 0.00	22.79 0.45 0.00	24.63 0.44 0.00	22.80 0.51 0.00	23.38 0.60 0.00	19.79 0.63 0.00	20.17 0.66 0.00	27.36 1.15 0.00	35.70 1.70 0.00	39.53 2.25 0.00	41.89 2.28 0.00	40.23 2.22 0.00	44.86 2.53 0.00	46.17 2.85 0.00	45.66 2.57 0.00	44.83 2.22 0.00	58.32 2.95 0.00	64.32 2.78 0.00	39.08 1.65 0.00	32.87 1.39 0.00
LOVETT___5 23593	34.83 0.99 0.00	26.86 0.67 0.00	25.54 0.58 0.00	24.62 0.51 0.00	24.01 0.47 0.00	22.79 0.45 0.00	24.63 0.44 0.00	22.80 0.51 0.00	23.38 0.60 0.00	19.79 0.63 0.00	20.17 0.66 0.00	27.36 1.15 0.00	35.70 1.70 0.00	39.53 2.25 0.00	41.89 2.28 0.00	40.23 2.22 0.00	44.86 2.53 0.00	46.17 2.85 0.00	45.66 2.57 0.00	44.83 2.22 0.00	58.32 2.95 0.00	64.32 2.78 0.00	39.08 1.65 0.00	32.87 1.39 0.00
LOWER RAQUET___HYD 24057	34.35 0.51 0.00	26.62 0.43 0.00	25.37 0.42 0.00	24.44 0.32 0.00	23.79 0.26 0.00	22.52 0.17 0.00	24.44 0.24 0.00	22.53 0.23 0.00	22.94 0.16 0.00	19.30 0.14 0.00	19.67 0.16 0.00	26.35 0.14 0.00	33.94 -0.07 0.00	37.08 -0.20 0.00	39.44 -0.16 0.00	37.63 -0.38 0.00	41.81 -0.52 0.00	42.01 -1.31 0.00	42.13 -0.97 0.00	42.38 -0.22 0.00	55.21 -0.16 0.00	61.47 -0.08 0.00	37.32 -0.11 0.00	31.34 -0.14 0.00
LOWER___HUDSON 24059	34.64 0.80 0.00	26.78 0.59 0.00	25.61 0.66 0.00	24.85 0.74 0.00	24.24 0.70 0.00	23.02 0.67 0.00	24.88 0.68 0.00	22.86 0.56 0.00	23.33 0.56 0.00	19.55 0.39 0.00	19.83 0.33 0.00	26.66 0.45 0.00	34.64 0.64 0.00	38.20 0.91 0.00	40.74 1.14 0.00	39.07 1.06 0.00	43.37 1.03 0.00	44.67 1.36 0.00	44.51 1.42 0.00	43.97 1.37 0.00	57.13 1.75 0.00	63.19 1.64 0.00	38.41 0.98 0.00	32.40 0.91 0.00
LOWVILLE_115KV_TB2 356335	34.21 0.38 0.00	26.45 0.26 0.00	25.12 0.17 0.00	24.30 0.18 0.00	23.70 0.17 0.00	22.51 0.16 0.00	24.41 0.21 0.00	22.48 0.18 0.00	22.81 0.04 0.00	19.08 -0.08 0.00	19.34 -0.17 0.00	25.92 -0.29 0.00	33.64 -0.36 0.00	37.03 -0.26 0.00	39.38 -0.22 0.00	37.85 -0.16 0.00	42.31 -0.02 0.00	43.54 0.22 0.00	43.90 0.81 0.00	43.81 1.20 0.00	57.15 1.78 0.00	63.24 1.70 0.00	38.30 0.88 0.00	32.05 0.56 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	35.49 1.66 0.00	27.38 1.19 0.00	26.13 1.18 0.00	25.32 1.21 0.00	24.65 1.11 0.00	23.42 1.08 0.00	25.32 1.13 0.00	23.26 0.96 0.00	23.76 0.98 0.00	19.88 0.72 0.00	20.13 0.63 0.00	27.09 0.87 0.00	35.23 1.23 0.00	38.90 1.62 0.00	41.60 1.99 0.00	39.99 1.98 0.00	44.57 2.24 0.00	46.02 2.71 0.00	45.96 2.87 0.00	45.36 2.76 0.00	58.93 3.56 0.00	65.01 3.46 0.00	39.51 2.08 0.00	33.26 1.78 0.00

LUTHERNY_35_KV_BK2 355980	35.50 1.67 0.00	27.37 1.19 0.00	26.13 1.17 0.00	25.32 1.21 0.00	24.64 1.11 0.00	23.42 1.07 0.00	25.33 1.13 0.00	23.25 0.95 0.00	23.74 0.96 0.00	19.87 0.71 0.00	20.13 0.63 0.00	27.09 0.87 0.00	35.25 1.24 0.00	38.96 1.67 0.00	41.63 2.02 0.00	39.99 1.99 0.00	44.60 2.27 0.00	46.08 2.77 0.00	46.01 2.92 0.00	45.40 2.80 0.00	59.01 3.64 0.00	65.06 3.51 0.00	39.51 2.08 0.00	33.26 1.78 0.00
LWR___OSWEGATCHIE_HYD 23850	34.02 0.19 0.00	26.34 0.15 0.00	25.13 0.17 0.00	24.17 0.06 0.00	23.56 0.03 0.00	22.34 0.00 0.00	24.24 0.05 0.00	22.33 0.03 0.00	22.69 -0.09 0.00	19.01 -0.15 0.00	19.32 -0.19 0.00	25.89 -0.32 0.00	33.48 -0.53 0.00	36.73 -0.56 0.00	39.17 -0.44 0.00	37.49 -0.52 0.00	41.79 -0.54 0.00	42.50 -0.82 0.00	42.76 -0.34 0.00	42.92 0.32 0.00	55.97 0.59 0.00	62.08 0.53 0.00	37.62 0.19 0.00	31.53 0.04 0.00
LYONS_FALL_HYD 23570	34.25 0.42 0.00	26.47 0.28 0.00	25.17 0.22 0.00	24.33 0.22 0.00	23.75 0.21 0.00	22.54 0.20 0.00	24.45 0.25 0.00	22.52 0.22 0.00	22.89 0.12 0.00	19.18 0.02 0.00	19.47 -0.04 0.00	26.13 -0.08 0.00	33.94 -0.07 0.00	37.34 0.05 0.00	39.71 0.10 0.00	38.16 0.15 0.00	42.65 0.33 0.00	43.90 0.59 0.00	44.11 1.02 0.00	43.86 1.25 0.00	57.13 1.75 0.00	63.23 1.68 0.00	38.32 0.89 0.00	32.09 0.61 0.00
MADISON___COUNTY_LFGE 323628	34.42 0.58 0.00	26.61 0.42 0.00	25.32 0.37 0.00	24.45 0.34 0.00	23.87 0.33 0.00	22.66 0.32 0.00	24.57 0.37 0.00	22.63 0.33 0.00	23.02 0.24 0.00	19.34 0.17 0.00	19.64 0.14 0.00	26.41 0.20 0.00	34.36 0.36 0.00	37.84 0.55 0.00	40.24 0.63 0.00	38.69 0.68 0.00	43.26 0.93 0.00	44.59 1.28 0.00	44.67 1.58 0.00	44.23 1.62 0.00	57.46 2.09 0.00	63.63 2.09 0.00	38.59 1.16 0.00	32.34 0.86 0.00
MALONE___115KV_TB1 356076	34.59 0.76 0.00	26.82 0.64 0.00	25.57 0.62 0.00	24.66 0.55 0.00	24.06 0.53 0.00	22.83 0.49 0.00	24.80 0.61 0.00	22.91 0.61 0.00	23.33 0.56 0.00	19.62 0.46 0.00	20.06 0.56 0.00	26.96 0.75 0.00	34.78 0.77 0.00	38.04 0.76 0.00	40.47 0.87 0.00	38.63 0.62 0.00	42.95 0.62 0.00	43.69 0.37 0.00	43.66 0.56 0.00	43.54 0.93 0.00	56.66 1.29 0.00	62.96 1.41 0.00	38.28 0.85 0.00	32.08 0.59 0.00
MAPLEWOD_115KV_TB3 80458	34.29 0.45 0.00	26.50 0.31 0.00	25.37 0.41 0.00	24.66 0.54 0.00	24.06 0.52 0.00	22.86 0.52 0.00	24.69 0.50 0.00	22.75 0.45 0.00	23.22 0.44 0.00	19.44 0.28 0.00	19.73 0.23 0.00	26.48 0.27 0.00	34.43 0.43 0.00	37.99 0.70 0.00	40.49 0.88 0.00	38.87 0.86 0.00	43.20 0.87 0.00	44.47 1.16 0.00	44.29 1.20 0.00	43.70 1.10 0.00	56.80 1.42 0.00	62.80 1.25 0.00	38.14 0.71 0.00	32.13 0.64 0.00
MAPLE_RIDGE_WT_1 323574	33.91 0.08 0.00	26.26 0.07 0.00	25.00 0.05 0.00	24.17 0.06 0.00	23.59 0.06 0.00	22.39 0.05 0.00	24.27 0.07 0.00	22.37 0.07 0.00	22.84 0.06 0.00	19.21 0.05 0.00	19.58 0.08 0.00	26.29 0.08 0.00	34.03 0.02 0.00	37.18 -0.10 0.00	39.51 -0.10 0.00	37.86 -0.15 0.00	42.11 -0.21 0.00	42.88 -0.44 0.00	42.67 -0.43 0.00	42.35 -0.25 0.00	55.05 -0.32 0.00	61.29 -0.26 0.00	37.28 -0.15 0.00	31.36 -0.12 0.00
MAPLE_RIDGE_WT_2 323611	33.91 0.08 0.00	26.26 0.07 0.00	25.00 0.05 0.00	24.17 0.06 0.00	23.59 0.06 0.00	22.39 0.05 0.00	24.27 0.07 0.00	22.37 0.07 0.00	22.84 0.06 0.00	19.21 0.05 0.00	19.58 0.08 0.00	26.29 0.08 0.00	34.03 0.02 0.00	37.18 -0.10 0.00	39.51 -0.10 0.00	37.86 -0.15 0.00	42.11 -0.21 0.00	42.88 -0.44 0.00	42.67 -0.43 0.00	42.35 -0.25 0.00	55.05 -0.32 0.00	61.29 -0.26 0.00	37.28 -0.15 0.00	31.36 -0.12 0.00
MARBLE_RIVER_WT_PWR 323696	34.53 0.69 0.00	26.79 0.59 0.00	25.54 0.59 0.00	24.66 0.55 0.00	24.08 0.55 0.00	22.87 0.52 0.00	24.84 0.65 0.00	22.94 0.64 0.00	23.32 0.55 0.00	19.63 0.47 0.00	20.09 0.58 0.00	27.02 0.81 0.00	34.88 0.88 0.00	38.22 0.94 0.00	40.66 1.05 0.00	38.76 0.75 0.00	43.11 0.78 0.00	43.98 0.67 0.00	43.84 0.75 0.00	43.59 0.98 0.00	56.74 1.37 0.00	63.05 1.51 0.00	38.46 1.02 0.00	32.22 0.74 0.00
MARSHVLE_115KV_TB1 80742	35.93 2.10 0.00	27.81 1.62 0.00	26.43 1.47 0.00	25.43 1.31 0.00	24.81 1.28 0.00	23.55 1.21 0.00	25.56 1.36 0.00	23.54 1.23 0.00	23.90 1.12 0.00	19.99 0.83 0.00	20.32 0.82 0.00	27.20 0.99 0.00	35.42 1.41 0.00	38.91 1.62 0.00	41.50 1.89 0.00	39.84 1.83 0.00	44.58 2.25 0.00	45.93 2.62 0.00	46.03 2.94 0.00	45.81 3.21 0.00	59.59 4.21 0.00	66.23 4.68 0.00	40.27 2.84 0.00	33.76 2.27 0.00
MARSH_HILL_WT_PWR 323713	34.78 0.95 0.00	27.00 0.81 0.00	25.65 0.70 0.00	24.57 0.45 0.00	24.00 0.47 0.00	22.73 0.39 0.00	24.78 0.59 0.00	22.84 0.54 0.00	23.32 0.54 0.00	19.62 0.45 0.00	20.11 0.60 0.00	27.25 1.04 0.00	35.65 1.65 0.00	39.11 1.82 0.00	41.28 1.67 0.00	39.75 1.75 0.00	45.04 2.70 0.00	46.84 3.52 0.00	47.30 4.20 0.00	46.58 3.97 0.00	60.38 5.01 0.00	66.76 5.22 0.00	40.78 3.35 0.00	33.94 2.46 0.00
MCINTYRE_115KV_TB2 80467	35.02 1.19 0.00	27.15 0.97 0.00	25.86 0.90 0.00	24.91 0.79 0.00	24.28 0.75 0.00	23.00 0.66 0.00	24.98 0.78 0.00	23.01 0.71 0.00	23.33 0.56 0.00	19.56 0.40 0.00	19.91 0.41 0.00	26.68 0.47 0.00	34.39 0.39 0.00	37.46 0.18 0.00	39.88 0.27 0.00	38.10 0.09 0.00	42.31 -0.02 0.00	42.58 -0.74 0.00	42.78 -0.31 0.00	43.36 0.76 0.00	56.56 1.18 0.00	62.99 1.45 0.00	38.20 0.77 0.00	32.08 0.59 0.00
MECO_____69_KV_BK1 80468	35.95 2.12 0.00	27.79 1.60 0.00	26.43 1.48 0.00	25.48 1.37 0.00	24.86 1.32 0.00	23.61 1.27 0.00	25.59 1.39 0.00	23.60 1.30 0.00	23.89 1.12 0.00	19.80 0.64 0.00	19.97 0.47 0.00	26.61 0.40 0.00	34.64 0.63 0.00	38.14 0.86 0.00	40.91 1.31 0.00	39.15 1.14 0.00	44.00 1.67 0.00	45.77 2.45 0.00	46.19 3.09 0.00	46.17 3.56 0.00	60.11 4.73 0.00	66.59 5.04 0.00	40.38 2.95 0.00	33.84 2.35 0.00
MENANDS___115KV_TB5 355628	34.06 0.23 0.00	26.33 0.14 0.00	25.23 0.27 0.00	24.55 0.43 0.00	23.96 0.43 0.00	22.76 0.42 0.00	24.57 0.38 0.00	22.65 0.35 0.00	23.12 0.35 0.00	19.35 0.19 0.00	19.65 0.15 0.00	26.36 0.16 0.00	34.28 0.28 0.00	37.81 0.53 0.00	40.29 0.68 0.00	38.65 0.64 0.00	42.93 0.59 0.00	44.16 0.84 0.00	43.92 0.83 0.00	43.33 0.73 0.00	56.34 0.96 0.00	62.30 0.75 0.00	37.84 0.41 0.00	31.90 0.42 0.00
MG INDUSTRY___DRP 24185	34.23 0.40 0.00	26.46 0.28 0.00	25.33 0.38 0.00	24.63 0.51 0.00	24.04 0.51 0.00	22.84 0.50 0.00	24.69 0.49 0.00	22.76 0.46 0.00	23.18 0.41 0.00	19.39 0.23 0.00	19.66 0.15 0.00	26.36 0.15 0.00	34.24 0.23 0.00	37.75 0.46 0.00	40.19 0.58 0.00	38.60 0.59 0.00	42.95 0.62 0.00	44.14 0.83 0.00	43.99 0.89 0.00	43.43 0.83 0.00	56.48 1.11 0.00	62.53 0.98 0.00	38.00 0.57 0.00	32.00 0.51 0.00

MID___OSWEGATCHIE_HYD 23849	34.02 0.19 0.00	26.34 0.15 0.00	25.13 0.17 0.00	24.17 0.06 0.00	23.56 0.03 0.00	22.34 0.00 0.00	24.24 0.05 0.00	22.33 0.03 0.00	22.69 -0.09 0.00	19.01 -0.15 0.00	19.32 -0.19 0.00	25.89 -0.32 0.00	33.48 -0.53 0.00	36.73 -0.56 0.00	39.17 -0.44 0.00	37.49 -0.52 0.00	41.79 -0.54 0.00	42.50 -0.82 0.00	42.76 -0.34 0.00	42.92 0.32 0.00	55.97 0.59 0.00	62.08 0.53 0.00	37.62 0.19 0.00	31.53 0.04 0.00
MID___RAQUETTE_HYD 23851	34.34 0.51 0.00	26.62 0.43 0.00	25.37 0.42 0.00	24.44 0.32 0.00	23.79 0.26 0.00	22.52 0.17 0.00	24.44 0.24 0.00	22.53 0.23 0.00	22.94 0.16 0.00	19.30 0.14 0.00	19.67 0.16 0.00	26.35 0.14 0.00	33.94 -0.07 0.00	37.08 -0.20 0.00	39.45 -0.16 0.00	37.63 -0.38 0.00	41.81 -0.52 0.00	42.01 -1.31 0.00	42.13 -0.97 0.00	42.38 -0.22 0.00	55.21 -0.16 0.00	61.47 -0.08 0.00	37.32 -0.11 0.00	31.34 -0.14 0.00
MILLIKEN___1 23584	34.14 0.31 0.00	26.43 0.25 0.00	25.13 0.18 0.00	24.23 0.12 0.00	23.66 0.12 0.00	22.46 0.11 0.00	24.37 0.17 0.00	22.43 0.12 0.00	22.85 0.08 0.00	19.18 0.02 0.00	19.48 -0.02 0.00	26.20 -0.01 0.00	34.11 0.11 0.00	37.62 0.33 0.00	39.88 0.27 0.00	38.43 0.43 0.00	43.09 0.76 0.00	44.41 1.09 0.00	44.52 1.43 0.00	44.11 1.50 0.00	57.22 1.85 0.00	63.39 1.84 0.00	38.44 1.01 0.00	32.23 0.74 0.00
MILLIKEN___2 23585	34.14 0.31 0.00	26.43 0.25 0.00	25.13 0.18 0.00	24.23 0.12 0.00	23.66 0.12 0.00	22.46 0.11 0.00	24.37 0.17 0.00	22.43 0.12 0.00	22.85 0.08 0.00	19.18 0.02 0.00	19.48 -0.02 0.00	26.20 -0.01 0.00	34.11 0.11 0.00	37.62 0.33 0.00	39.88 0.27 0.00	38.43 0.43 0.00	43.09 0.76 0.00	44.41 1.09 0.00	44.52 1.43 0.00	44.11 1.50 0.00	57.22 1.85 0.00	63.39 1.84 0.00	38.44 1.01 0.00	32.23 0.74 0.00
MILLIKEN___DIESEL 23629	34.14 0.31 0.00	26.43 0.25 0.00	25.13 0.18 0.00	24.23 0.12 0.00	23.66 0.12 0.00	22.46 0.11 0.00	24.37 0.17 0.00	22.43 0.12 0.00	22.85 0.08 0.00	19.18 0.02 0.00	19.48 -0.02 0.00	26.20 -0.01 0.00	34.11 0.11 0.00	37.62 0.33 0.00	39.88 0.27 0.00	38.43 0.43 0.00	43.09 0.76 0.00	44.41 1.09 0.00	44.52 1.43 0.00	44.11 1.50 0.00	57.22 1.85 0.00	63.39 1.84 0.00	38.44 1.01 0.00	32.23 0.74 0.00
MILLSEAT___LFGE 323607	32.64 -1.19 0.00	25.43 -0.75 0.00	24.14 -0.81 0.00	23.03 -1.08 0.00	22.54 -1.00 0.00	21.31 -1.03 0.00	23.34 -0.85 0.00	21.36 -0.94 0.00	21.88 -0.89 0.00	18.45 -0.72 0.00	19.09 -0.41 0.00	25.79 -0.42 0.00	33.43 -0.57 0.00	36.75 -0.54 0.00	38.92 -0.69 0.00	37.49 -0.52 0.00	42.14 -0.19 0.00	43.59 0.27 0.00	44.14 1.05 0.00	43.40 0.80 0.00	56.44 1.06 0.00	62.92 1.38 0.00	38.54 1.11 0.00	32.17 0.69 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	34.93 1.10 0.00	26.94 0.75 0.00	25.62 0.66 0.00	24.71 0.60 0.00	24.10 0.56 0.00	22.88 0.54 0.00	24.72 0.52 0.00	22.89 0.58 0.00	23.45 0.68 0.00	19.86 0.70 0.00	20.22 0.72 0.00	27.41 1.20 0.00	35.75 1.75 0.00	39.57 2.28 0.00	41.93 2.32 0.00	40.29 2.29 0.00	44.89 2.56 0.00	46.21 2.90 0.00	45.70 2.61 0.00	44.86 2.25 0.00	58.34 2.96 0.00	64.39 2.84 0.00	39.14 1.71 0.00	32.93 1.44 0.00
MILLWOOD_13_KV_LOAD 356217	35.01 1.17 0.00	27.01 0.82 0.00	25.68 0.72 0.00	24.77 0.66 0.00	24.15 0.62 0.00	22.93 0.58 0.00	24.77 0.57 0.00	22.93 0.63 0.00	23.51 0.74 0.00	19.91 0.75 0.00	20.28 0.78 0.00	27.50 1.29 0.00	35.86 1.86 0.00	39.70 2.42 0.00	42.08 2.47 0.00	40.44 2.43 0.00	45.05 2.72 0.00	46.39 3.07 0.00	45.87 2.78 0.00	45.02 2.42 0.00	58.54 3.17 0.00	64.60 3.06 0.00	39.26 1.83 0.00	33.03 1.55 0.00
MODEL_CITY_ENERGY 24167	31.64 -2.19 0.00	24.70 -1.49 0.00	23.46 -1.49 0.00	22.36 -1.75 0.00	21.89 -1.64 0.00	20.70 -1.65 0.00	22.69 -1.50 0.00	20.75 -1.55 0.00	21.31 -1.47 0.00	18.02 -1.15 0.00	18.69 -0.82 0.00	25.17 -1.05 0.00	32.60 -1.41 0.00	35.81 -1.47 0.00	37.81 -1.80 0.00	36.41 -1.59 0.00	40.81 -1.52 0.00	42.09 -1.23 0.00	42.48 -0.62 0.00	41.72 -0.89 0.00	54.25 -1.12 0.00	60.70 -0.84 0.00	37.37 -0.06 0.00	31.26 -0.23 0.00
MODERN_LFGE___ 323580	31.64 -2.19 0.00	24.70 -1.49 0.00	23.46 -1.49 0.00	22.36 -1.75 0.00	21.89 -1.64 0.00	20.70 -1.65 0.00	22.69 -1.50 0.00	20.75 -1.55 0.00	21.31 -1.47 0.00	18.02 -1.15 0.00	18.69 -0.82 0.00	25.17 -1.05 0.00	32.60 -1.41 0.00	35.81 -1.47 0.00	37.81 -1.80 0.00	36.41 -1.59 0.00	40.81 -1.52 0.00	42.09 -1.23 0.00	42.48 -0.62 0.00	41.72 -0.89 0.00	54.25 -1.12 0.00	60.70 -0.84 0.00	37.37 -0.06 0.00	31.26 -0.23 0.00
MOHAWK_PAPER___DRP 24187	34.29 0.45 0.00	26.50 0.31 0.00	25.37 0.41 0.00	24.66 0.54 0.00	24.06 0.52 0.00	22.86 0.52 0.00	24.69 0.50 0.00	22.75 0.45 0.00	23.22 0.44 0.00	19.44 0.28 0.00	19.73 0.23 0.00	26.48 0.27 0.00	34.43 0.43 0.00	37.99 0.70 0.00	40.49 0.88 0.00	38.87 0.86 0.00	43.20 0.87 0.00	44.47 1.16 0.00	44.29 1.20 0.00	43.70 1.10 0.00	56.80 1.42 0.00	62.80 1.25 0.00	38.14 0.71 0.00	32.13 0.64 0.00
MOHICAN___35_KV_115KV_LD 80490	35.97 2.14 0.00	27.72 1.53 0.00	26.43 1.48 0.00	25.60 1.48 0.00	24.87 1.33 0.00	23.63 1.29 0.00	25.57 1.37 0.00	23.45 1.15 0.00	23.94 1.16 0.00	20.00 0.84 0.00	20.21 0.70 0.00	27.20 0.99 0.00	35.39 1.38 0.00	39.10 1.81 0.00	41.98 2.37 0.00	40.33 2.33 0.00	45.04 2.71 0.00	46.58 3.27 0.00	46.68 3.59 0.00	46.08 3.47 0.00	59.85 4.48 0.00	65.88 4.33 0.00	40.15 2.72 0.00	33.80 2.31 0.00
MONGAUP___HYD 23641	34.95 1.12 0.00	26.97 0.78 0.00	25.63 0.68 0.00	24.74 0.62 0.00	24.12 0.59 0.00	22.90 0.55 0.00	24.77 0.57 0.00	22.89 0.59 0.00	23.40 0.63 0.00	19.68 0.52 0.00	19.95 0.45 0.00	26.94 0.73 0.00	35.12 1.12 0.00	38.88 1.59 0.00	41.32 1.71 0.00	39.94 1.93 0.00	44.59 2.26 0.00	45.95 2.64 0.00	45.66 2.56 0.00	45.06 2.45 0.00	58.64 3.27 0.00	64.84 3.29 0.00	39.31 1.87 0.00	33.00 1.51 0.00
MONTAUK___DIESEL 23721	36.72 2.89 0.00	30.24 2.15 -1.90	26.89 1.93 0.00	25.84 1.73 0.00	25.16 1.63 0.00	23.90 1.56 0.00	25.85 1.66 0.00	24.00 1.70 0.00	25.60 2.34 -0.49	21.89 2.10 -0.63	21.73 2.23 0.00	31.59 3.10 -2.28	38.82 4.26 -0.56	54.73 5.19 -12.26	44.83 5.23 0.00	43.15 5.14 0.00	47.97 5.64 0.00	48.88 5.56 0.00	47.79 4.70 0.00	46.55 3.94 0.00	61.04 5.67 0.00	66.94 5.39 0.00	40.45 3.02 0.00	33.65 2.16 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	33.23 -0.61 0.00	25.86 -0.33 0.00	24.55 -0.41 0.00	23.44 -0.68 0.00	22.94 -0.60 0.00	21.69 -0.65 0.00	23.73 -0.47 0.00	21.75 -0.54 0.00	22.32 -0.46 0.00	18.90 -0.27 0.00	19.56 0.05 0.00	26.56 0.35 0.00	34.64 0.64 0.00	38.08 0.80 0.00	40.14 0.53 0.00	38.61 0.60 0.00	43.55 1.22 0.00	44.95 1.63 0.00	45.27 2.18 0.00	44.50 1.90 0.00	57.62 2.25 0.00	64.02 2.47 0.00	39.23 1.80 0.00	32.71 1.22 0.00

MORRIS_RIDGE___SOLAR 323848	32.73 -1.10 0.00	25.50 -0.69 0.00	24.21 -0.74 0.00	23.19 -0.92 0.00	22.68 -0.85 0.00	21.47 -0.88 0.00	23.43 -0.76 0.00	21.50 -0.80 0.00	22.01 -0.76 0.00	18.58 -0.58 0.00	19.16 -0.34 0.00	25.94 -0.27 0.00	33.77 -0.24 0.00	37.10 -0.19 0.00	39.18 -0.43 0.00	37.70 -0.31 0.00	42.41 0.08 0.00	43.69 0.38 0.00	43.87 0.78 0.00	43.16 0.56 0.00	55.92 0.54 0.00	62.15 0.61 0.00	38.10 0.67 0.00	31.86 0.38 0.00
MORTIMER_115KV_TB3 55949	32.85 -0.98 0.00	25.53 -0.66 0.00	24.26 -0.70 0.00	23.24 -0.87 0.00	22.73 -0.81 0.00	21.52 -0.82 0.00	23.46 -0.73 0.00	21.53 -0.76 0.00	22.05 -0.73 0.00	18.59 -0.57 0.00	19.14 -0.36 0.00	25.73 -0.48 0.00	33.49 -0.51 0.00	36.91 -0.38 0.00	39.08 -0.53 0.00	37.65 -0.36 0.00	42.23 -0.10 0.00	43.57 0.26 0.00	43.78 0.69 0.00	43.07 0.47 0.00	55.92 0.54 0.00	62.22 0.67 0.00	37.96 0.53 0.00	31.75 0.26 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	35.14 1.31 0.00	27.11 0.92 0.00	25.77 0.82 0.00	24.85 0.74 0.00	24.23 0.70 0.00	23.00 0.66 0.00	24.84 0.64 0.00	23.02 0.72 0.00	23.60 0.82 0.00	20.01 0.85 0.00	20.38 0.88 0.00	27.64 1.43 0.00	36.05 2.05 0.00	39.90 2.61 0.00	42.25 2.64 0.00	40.62 2.61 0.00	45.24 2.91 0.00	46.54 3.22 0.00	46.00 2.91 0.00	45.13 2.52 0.00	58.71 3.34 0.00	64.80 3.25 0.00	39.41 1.98 0.00	33.16 1.68 0.00
MUNSVILLE_WIND_PWR 323609	35.78 1.95 0.00	27.66 1.47 0.00	26.28 1.32 0.00	25.32 1.20 0.00	24.74 1.20 0.00	23.49 1.15 0.00	25.52 1.32 0.00	23.52 1.22 0.00	23.88 1.10 0.00	19.93 0.77 0.00	20.24 0.74 0.00	27.24 1.03 0.00	35.47 1.46 0.00	39.16 1.87 0.00	41.62 2.01 0.00	40.29 2.28 0.00	45.40 3.07 0.00	46.88 3.57 0.00	47.32 4.23 0.00	46.95 4.34 0.00	60.84 5.46 0.00	67.05 5.50 0.00	40.59 3.16 0.00	33.90 2.42 0.00
N SALMON___HYD 24042	34.59 0.76 0.00	26.82 0.64 0.00	25.57 0.62 0.00	24.66 0.55 0.00	24.06 0.53 0.00	22.83 0.49 0.00	24.80 0.61 0.00	22.92 0.61 0.00	23.33 0.56 0.00	19.62 0.46 0.00	20.06 0.56 0.00	26.96 0.75 0.00	34.78 0.77 0.00	38.04 0.76 0.00	40.47 0.87 0.00	38.62 0.62 0.00	42.95 0.62 0.00	43.69 0.37 0.00	43.66 0.56 0.00	43.54 0.93 0.00	56.66 1.29 0.00	62.96 1.41 0.00	38.28 0.85 0.00	32.08 0.59 0.00
N.AKRON__115KV_KNAPP 355671	32.49 -1.35 0.00	25.32 -0.87 0.00	24.04 -0.92 0.00	22.92 -1.19 0.00	22.45 -1.09 0.00	21.22 -1.13 0.00	23.24 -0.95 0.00	21.27 -1.03 0.00	21.81 -0.97 0.00	18.41 -0.76 0.00	19.07 -0.43 0.00	25.91 -0.30 0.00	33.47 -0.53 0.00	36.72 -0.56 0.00	38.94 -0.67 0.00	37.46 -0.55 0.00	42.01 -0.32 0.00	43.41 0.10 0.00	43.90 0.81 0.00	43.16 0.55 0.00	56.11 0.74 0.00	62.60 1.05 0.00	38.40 0.97 0.00	32.06 0.57 0.00
N.BELMOR_69_KV_BK1 55787	35.67 1.84 0.00	29.43 1.34 -1.90	26.14 1.19 0.00	25.15 1.03 0.00	24.50 0.96 0.00	23.25 0.90 0.00	25.07 0.88 0.00	23.23 0.93 0.00	24.43 1.17 -0.49	20.91 1.11 -0.63	20.69 1.19 0.00	30.35 1.86 -2.28	37.13 2.57 -0.56	52.75 3.21 -12.26	42.72 3.11 0.00	41.10 3.10 0.00	45.68 3.35 0.00	46.91 3.60 0.00	46.23 3.14 0.00	45.19 2.59 0.00	58.97 3.59 0.00	65.01 3.46 0.00	39.84 2.41 0.00	33.49 2.01 0.00
N.E_GEN_SANDY PD 24062	34.50 0.67 0.00	26.66 0.47 0.00	25.47 0.51 0.00	24.67 0.55 0.00	24.08 0.55 0.00	22.87 0.53 0.00	24.71 0.51 0.00	22.75 0.45 0.00	23.33 0.49 -0.06	19.57 0.41 0.00	20.66 0.37 -0.79	26.80 0.59 0.00	34.83 0.83 0.00	38.46 1.18 0.00	40.93 1.32 0.00	39.48 1.21 -0.26	39.10 1.16 4.39	44.77 1.46 0.00	44.50 1.40 0.00	43.85 1.25 0.00	56.99 1.62 0.00	60.66 1.45 2.34	38.26 0.83 0.00	34.03 0.84 -1.70
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	34.90 1.07 0.00	26.91 0.72 0.00	25.58 0.63 0.00	24.67 0.55 0.00	24.05 0.51 0.00	22.83 0.49 0.00	24.67 0.48 0.00	22.84 0.54 0.00	23.42 0.64 0.00	19.83 0.67 0.00	20.21 0.71 0.00	27.44 1.22 0.00	35.82 1.81 0.00	39.66 2.38 0.00	42.04 2.43 0.00	40.36 2.36 0.00	45.02 2.69 0.00	46.33 3.02 0.00	45.83 2.74 0.00	44.99 2.38 0.00	58.49 3.12 0.00	64.53 2.98 0.00	39.19 1.76 0.00	32.95 1.47 0.00
N.QUEENS_27_KV_LOAD 356247	35.23 1.40 0.00	27.24 1.05 0.00	25.86 0.91 0.00	24.95 0.84 0.00	24.32 0.78 0.00	23.10 0.75 0.00	24.90 0.70 0.00	23.12 0.81 -0.01	23.70 0.92 0.00	20.11 0.94 0.00	20.48 0.98 0.00	27.79 1.58 0.00	36.25 2.25 0.00	40.09 2.81 0.00	42.42 2.81 0.00	40.83 2.82 0.00	45.43 3.10 0.00	46.72 3.40 0.00	46.18 3.08 0.00	45.29 2.68 0.00	58.85 3.48 0.00	64.99 3.45 0.00	39.65 2.22 0.00	33.32 1.84 0.00
N.TROY___115KV_TB1 355778	34.64 0.81 0.00	26.78 0.59 0.00	25.61 0.66 0.00	24.85 0.74 0.00	24.24 0.70 0.00	23.02 0.68 0.00	24.87 0.68 0.00	22.86 0.56 0.00	23.33 0.56 0.00	19.56 0.39 0.00	19.83 0.33 0.00	26.66 0.45 0.00	34.64 0.64 0.00	38.20 0.92 0.00	40.74 1.13 0.00	39.07 1.07 0.00	43.37 1.04 0.00	44.67 1.36 0.00	44.51 1.42 0.00	43.97 1.37 0.00	57.13 1.75 0.00	63.19 1.64 0.00	38.41 0.98 0.00	32.40 0.91 0.00
NARROWS_GT1_1 24228	35.38 1.55 0.00	27.30 1.12 0.00	25.94 0.99 0.00	25.01 0.90 0.00	24.38 0.85 0.00	23.15 0.80 0.00	24.99 0.80 0.00	23.18 0.87 -0.01	23.76 0.98 0.00	20.16 0.99 0.00	20.53 1.02 0.00	27.86 1.65 0.00	36.34 2.34 0.00	40.20 2.91 -0.01	42.52 2.91 0.00	40.96 2.95 0.00	45.57 3.24 0.00	46.87 3.55 0.00	46.32 3.23 0.00	45.43 2.82 0.00	59.08 3.71 0.00	65.22 3.68 0.00	39.72 2.29 0.00	200.34 1.93 -166.93
NARROWS_GT1_2 24229	35.38 1.55 0.00	27.30 1.12 0.00	25.94 0.99 0.00	25.01 0.90 0.00	24.38 0.85 0.00	23.15 0.80 0.00	24.99 0.80 0.00	23.18 0.87 -0.01	23.76 0.98 0.00	20.16 0.99 0.00	20.53 1.02 0.00	27.86 1.65 0.00	36.34 2.34 0.00	40.20 2.91 -0.01	42.52 2.91 0.00	40.96 2.95 0.00	45.57 3.24 0.00	46.87 3.55 0.00	46.32 3.23 0.00	45.43 2.82 0.00	59.08 3.71 0.00	65.22 3.68 0.00	39.72 2.29 0.00	200.34 1.93 -166.93
NARROWS_GT1_3 24230	35.38 1.55 0.00	27.30 1.12 0.00	25.94 0.99 0.00	25.01 0.90 0.00	24.38 0.85 0.00	23.15 0.80 0.00	24.99 0.80 0.00	23.18 0.87 -0.01	23.76 0.98 0.00	20.16 0.99 0.00	20.53 1.02 0.00	27.86 1.65 0.00	36.34 2.34 0.00	40.20 2.91 -0.01	42.52 2.91 0.00	40.96 2.95 0.00	45.57 3.24 0.00	46.87 3.55 0.00	46.32 3.23 0.00	45.43 2.82 0.00	59.08 3.71 0.00	65.22 3.68 0.00	39.72 2.29 0.00	200.34 1.93 -166.93
NARROWS_GT1_4 24231	35.38 1.55 0.00	27.30 1.12 0.00	25.94 0.99 0.00	25.01 0.90 0.00	24.38 0.85 0.00	23.15 0.80 0.00	24.99 0.80 0.00	23.18 0.87 -0.01	23.76 0.98 0.00	20.16 0.99 0.00	20.53 1.02 0.00	27.86 1.65 0.00	36.34 2.34 0.00	40.20 2.91 -0.01	42.52 2.91 0.00	40.96 2.95 0.00	45.57 3.24 0.00	46.87 3.55 0.00	46.32 3.23 0.00	45.43 2.82 0.00	59.08 3.71 0.00	65.22 3.68 0.00	39.72 2.29 0.00	200.34 1.93 -166.93

NARROWS_GT1_5 24232	35.38 1.55 0.00	27.30 1.12 0.00	25.94 0.99 0.00	25.01 0.90 0.00	24.38 0.85 0.00	23.15 0.80 0.00	24.99 0.80 0.00	23.18 0.87 -0.01	23.76 0.98 0.00	20.16 0.99 0.00	20.53 1.02 0.00	27.86 1.65 0.00	36.34 2.34 0.00	40.20 2.91 -0.01	42.52 2.91 0.00	40.96 2.95 0.00	45.57 3.24 0.00	46.87 3.55 0.00	46.32 3.23 0.00	45.43 2.82 0.00	59.08 3.71 0.00	65.22 3.68 0.00	39.72 2.29 0.00	200.34 1.93 -166.93
NARROWS_GT1_6 24233	35.38 1.55 0.00	27.30 1.12 0.00	25.94 0.99 0.00	25.01 0.90 0.00	24.38 0.85 0.00	23.15 0.80 0.00	24.99 0.80 0.00	23.18 0.87 -0.01	23.76 0.98 0.00	20.16 0.99 0.00	20.53 1.02 0.00	27.86 1.65 0.00	36.34 2.34 0.00	40.20 2.91 -0.01	42.52 2.91 0.00	40.96 2.95 0.00	45.57 3.24 0.00	46.87 3.55 0.00	46.32 3.23 0.00	45.43 2.82 0.00	59.08 3.71 0.00	65.22 3.68 0.00	39.72 2.29 0.00	200.34 1.93 -166.93
NARROWS_GT1_7 24234	35.38 1.55 0.00	27.30 1.12 0.00	25.94 0.99 0.00	25.01 0.90 0.00	24.38 0.85 0.00	23.15 0.80 0.00	24.99 0.80 0.00	23.18 0.87 -0.01	23.76 0.98 0.00	20.16 0.99 0.00	20.53 1.02 0.00	27.86 1.65 0.00	36.34 2.34 0.00	40.20 2.91 -0.01	42.52 2.91 0.00	40.96 2.95 0.00	45.57 3.24 0.00	46.87 3.55 0.00	46.32 3.23 0.00	45.43 2.82 0.00	59.08 3.71 0.00	65.22 3.68 0.00	39.72 2.29 0.00	200.34 1.93 -166.93
NARROWS_GT1_8 24235	35.38 1.55 0.00	27.30 1.12 0.00	25.94 0.99 0.00	25.01 0.90 0.00	24.38 0.85 0.00	23.15 0.80 0.00	24.99 0.80 0.00	23.18 0.87 -0.01	23.76 0.98 0.00	20.16 0.99 0.00	20.53 1.02 0.00	27.86 1.65 0.00	36.34 2.34 0.00	40.20 2.91 -0.01	42.52 2.91 0.00	40.96 2.95 0.00	45.57 3.24 0.00	46.87 3.55 0.00	46.32 3.23 0.00	45.43 2.82 0.00	59.08 3.71 0.00	65.22 3.68 0.00	39.72 2.29 0.00	200.34 1.93 -166.93
NARROWS_GT2_1 24236	35.38 1.55 0.00	27.30 1.12 0.00	25.94 0.99 0.00	25.01 0.90 0.00	24.38 0.85 0.00	23.15 0.80 0.00	24.99 0.80 0.00	23.18 0.87 -0.01	23.76 0.98 0.00	20.16 0.99 0.00	20.53 1.02 0.00	27.86 1.65 0.00	36.34 2.34 0.00	40.20 2.91 -0.01	42.52 2.91 0.00	40.96 2.95 0.00	45.57 3.24 0.00	46.87 3.55 0.00	46.32 3.23 0.00	45.43 2.82 0.00	59.08 3.71 0.00	65.22 3.68 0.00	39.72 2.29 0.00	200.34 1.93 -166.93
NARROWS_GT2_2 24237	35.38 1.55 0.00	27.30 1.12 0.00	25.94 0.99 0.00	25.01 0.90 0.00	24.38 0.85 0.00	23.15 0.80 0.00	24.99 0.80 0.00	23.18 0.87 -0.01	23.76 0.98 0.00	20.16 0.99 0.00	20.53 1.02 0.00	27.86 1.65 0.00	36.34 2.34 0.00	40.20 2.91 -0.01	42.52 2.91 0.00	40.96 2.95 0.00	45.57 3.24 0.00	46.87 3.55 0.00	46.32 3.23 0.00	45.43 2.82 0.00	59.08 3.71 0.00	65.22 3.68 0.00	39.72 2.29 0.00	200.34 1.93 -166.93
NARROWS_GT2_3 24238	35.38 1.55 0.00	27.30 1.12 0.00	25.94 0.99 0.00	25.01 0.90 0.00	24.38 0.85 0.00	23.15 0.80 0.00	24.99 0.80 0.00	23.18 0.87 -0.01	23.76 0.98 0.00	20.16 0.99 0.00	20.53 1.02 0.00	27.86 1.65 0.00	36.34 2.34 0.00	40.20 2.91 -0.01	42.52 2.91 0.00	40.96 2.95 0.00	45.57 3.24 0.00	46.87 3.55 0.00	46.32 3.23 0.00	45.43 2.82 0.00	59.08 3.71 0.00	65.22 3.68 0.00	39.72 2.29 0.00	200.34 1.93 -166.93
NARROWS_GT2_4 24239	35.38 1.55 0.00	27.30 1.12 0.00	25.94 0.99 0.00	25.01 0.90 0.00	24.38 0.85 0.00	23.15 0.80 0.00	24.99 0.80 0.00	23.18 0.87 -0.01	23.76 0.98 0.00	20.16 0.99 0.00	20.53 1.02 0.00	27.86 1.65 0.00	36.34 2.34 0.00	40.20 2.91 -0.01	42.52 2.91 0.00	40.96 2.95 0.00	45.57 3.24 0.00	46.87 3.55 0.00	46.32 3.23 0.00	45.43 2.82 0.00	59.08 3.71 0.00	65.22 3.68 0.00	39.72 2.29 0.00	200.34 1.93 -166.93
NARROWS_GT2_5 24240	35.38 1.55 0.00	27.30 1.12 0.00	25.94 0.99 0.00	25.01 0.90 0.00	24.38 0.85 0.00	23.15 0.80 0.00	24.99 0.80 0.00	23.18 0.87 -0.01	23.76 0.98 0.00	20.16 0.99 0.00	20.53 1.02 0.00	27.86 1.65 0.00	36.34 2.34 0.00	40.20 2.91 -0.01	42.52 2.91 0.00	40.96 2.95 0.00	45.57 3.24 0.00	46.87 3.55 0.00	46.32 3.23 0.00	45.43 2.82 0.00	59.08 3.71 0.00	65.22 3.68 0.00	39.72 2.29 0.00	200.34 1.93 -166.93
NARROWS_GT2_6 24241	35.38 1.55 0.00	27.30 1.12 0.00	25.94 0.99 0.00	25.01 0.90 0.00	24.38 0.85 0.00	23.15 0.80 0.00	24.99 0.80 0.00	23.18 0.87 -0.01	23.76 0.98 0.00	20.16 0.99 0.00	20.53 1.02 0.00	27.86 1.65 0.00	36.34 2.34 0.00	40.20 2.91 -0.01	42.52 2.91 0.00	40.96 2.95 0.00	45.57 3.24 0.00	46.87 3.55 0.00	46.32 3.23 0.00	45.43 2.82 0.00	59.08 3.71 0.00	65.22 3.68 0.00	39.72 2.29 0.00	200.34 1.93 -166.93
NARROWS_GT2_7 24242	35.38 1.55 0.00	27.30 1.12 0.00	25.94 0.99 0.00	25.01 0.90 0.00	24.38 0.85 0.00	23.15 0.80 0.00	24.99 0.80 0.00	23.18 0.87 -0.01	23.76 0.98 0.00	20.16 0.99 0.00	20.53 1.02 0.00	27.86 1.65 0.00	36.34 2.34 0.00	40.20 2.91 -0.01	42.52 2.91 0.00	40.96 2.95 0.00	45.57 3.24 0.00	46.87 3.55 0.00	46.32 3.23 0.00	45.43 2.82 0.00	59.08 3.71 0.00	65.22 3.68 0.00	39.72 2.29 0.00	200.34 1.93 -166.93
NARROWS_GT2_8 24243	35.38 1.55 0.00	27.30 1.12 0.00	25.94 0.99 0.00	25.01 0.90 0.00	24.38 0.85 0.00	23.15 0.80 0.00	24.99 0.80 0.00	23.18 0.87 -0.01	23.76 0.98 0.00	20.16 0.99 0.00	20.53 1.02 0.00	27.86 1.65 0.00	36.34 2.34 0.00	40.20 2.91 -0.01	42.52 2.91 0.00	40.96 2.95 0.00	45.57 3.24 0.00	46.87 3.55 0.00	46.32 3.23 0.00	45.43 2.82 0.00	59.08 3.71 0.00	65.22 3.68 0.00	39.72 2.29 0.00	200.34 1.93 -166.93
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	34.69 0.86 0.00	26.80 0.61 0.00	25.67 0.71 0.00	25.02 0.91 0.00	24.42 0.88 0.00	23.21 0.87 0.00	25.09 0.90 0.00	23.14 0.84 0.00	23.51 0.73 0.00	19.61 0.45 0.00	19.82 0.32 0.00	26.44 0.23 0.00	34.32 0.32 0.00	37.92 0.64 0.00	40.51 0.91 0.00	39.02 1.02 0.00	43.47 1.14 0.00	44.95 1.63 0.00	44.96 1.87 0.00	44.52 1.92 0.00	57.87 2.50 0.00	63.94 2.40 0.00	38.73 1.30 0.00	32.52 1.04 0.00
NCHELSEA_115KV_TR2 355582	35.08 1.25 0.00	27.04 0.85 0.00	25.71 0.76 0.00	24.81 0.70 0.00	24.20 0.67 0.00	22.98 0.63 0.00	24.84 0.65 0.00	22.98 0.68 0.00	23.56 0.79 0.00	19.93 0.77 0.00	20.30 0.80 0.00	27.49 1.28 0.00	35.89 1.89 0.00	39.74 2.45 0.00	42.18 2.57 0.00	40.57 2.56 0.00	45.24 2.91 0.00	46.61 3.29 0.00	46.19 3.10 0.00	45.34 2.73 0.00	58.90 3.53 0.00	64.95 3.40 0.00	39.42 1.99 0.00	33.15 1.66 0.00
NEG CAPITAL___MECHNVIL 23645	35.41 1.58 0.00	27.33 1.14 0.00	26.08 1.13 0.00	25.27 1.16 0.00	24.62 1.08 0.00	23.38 1.04 0.00	25.28 1.08 0.00	23.23 0.93 0.00	23.73 0.95 0.00	19.86 0.70 0.00	20.12 0.62 0.00	27.08 0.87 0.00	35.22 1.22 0.00	38.87 1.59 0.00	41.56 1.96 0.00	40.02 2.01 0.00	44.55 2.22 0.00	45.98 2.66 0.00	45.88 2.79 0.00	45.30 2.69 0.00	58.81 3.44 0.00	64.90 3.36 0.00	39.41 1.98 0.00	33.17 1.69 0.00



NEG CENTRAL_HIGH_ACRES 23767	32.47 -1.37 0.00	25.21 -0.98 0.00	23.97 -0.99 0.00	22.99 -1.13 0.00	22.47 -1.06 0.00	21.30 -1.05 0.00	23.20 -1.00 0.00	21.30 -1.00 0.00	21.81 -0.97 0.00	18.38 -0.79 0.00	18.87 -0.64 0.00	25.36 -0.85 0.00	33.02 -0.98 0.00	36.40 -0.88 0.00	38.57 -1.04 0.00	37.19 -0.82 0.00	41.69 -0.64 0.00	43.03 -0.29 0.00	43.18 0.09 0.00	42.47 -0.13 0.00	55.07 -0.30 0.00	61.18 -0.36 0.00	37.27 -0.16 0.00	31.19 -0.30 0.00
NEG CENTRAL___DRP 24199	33.53 -0.31 0.00	26.01 -0.18 0.00	24.72 -0.23 0.00	23.79 -0.32 0.00	23.24 -0.30 0.00	22.04 -0.31 0.00	23.95 -0.25 0.00	22.03 -0.26 0.00	22.50 -0.27 0.00	18.90 -0.26 0.00	19.28 -0.23 0.00	25.96 -0.25 0.00	33.81 -0.19 0.00	37.24 -0.05 0.00	39.41 -0.20 0.00	37.99 -0.01 0.00	42.64 0.31 0.00	44.02 0.71 0.00	44.12 1.02 0.00	43.59 0.99 0.00	56.44 1.07 0.00	62.55 1.01 0.00	38.04 0.61 0.00	31.91 0.43 0.00
NEG CENTRAL___INDECK 23768	33.82 -0.01 0.00	26.25 0.07 0.00	24.93 -0.03 0.00	23.86 -0.25 0.00	23.35 -0.19 0.00	22.10 -0.24 0.00	24.12 -0.07 0.00	22.13 -0.18 0.00	22.51 -0.27 0.00	18.86 -0.30 0.00	19.42 -0.08 0.00	26.22 0.01 0.00	34.18 0.18 0.00	37.61 0.33 0.00	39.81 0.20 0.00	38.32 0.31 0.00	43.09 0.76 0.00	44.53 1.22 0.00	45.05 1.95 0.00	44.64 2.03 0.00	58.24 2.87 0.00	64.69 3.15 0.00	39.45 2.02 0.00	32.88 1.40 0.00
NEG CENTRAL___SENECA 23627	33.51 -0.32 0.00	26.02 -0.17 0.00	24.72 -0.23 0.00	23.76 -0.35 0.00	23.21 -0.32 0.00	22.00 -0.34 0.00	23.94 -0.25 0.00	22.03 -0.27 0.00	22.50 -0.28 0.00	18.90 -0.26 0.00	19.31 -0.19 0.00	26.05 -0.15 0.00	33.95 -0.05 0.00	37.35 0.06 0.00	39.50 -0.11 0.00	38.10 0.09 0.00	42.83 0.50 0.00	44.31 0.99 0.00	44.49 1.40 0.00	43.90 1.30 0.00	56.81 1.44 0.00	62.91 1.36 0.00	38.33 0.90 0.00	32.12 0.64 0.00
NEG CENTRAL___STATE_STREET 24147	33.84 0.01 0.00	26.25 0.06 0.00	24.93 -0.02 0.00	24.04 -0.07 0.00	23.46 -0.07 0.00	22.29 -0.06 0.00	24.19 0.00 0.00	22.22 -0.08 0.00	22.66 -0.11 0.00	19.03 -0.13 0.00	19.35 -0.15 0.00	26.01 -0.20 0.00	33.85 -0.15 0.00	37.41 0.12 0.00	39.55 -0.06 0.00	38.19 0.18 0.00	42.79 0.46 0.00	43.95 0.64 0.00	43.96 0.87 0.00	43.61 1.00 0.00	56.53 1.16 0.00	62.66 1.12 0.00	37.96 0.52 0.00	31.94 0.46 0.00
NEG MILLWOOD___DRP 24198	35.17 1.34 0.00	27.11 0.92 0.00	25.77 0.81 0.00	24.86 0.75 0.00	24.25 0.71 0.00	23.02 0.68 0.00	24.88 0.68 0.00	23.03 0.73 0.00	23.65 0.87 0.00	20.01 0.85 0.00	20.39 0.89 0.00	27.64 1.43 0.00	36.07 2.07 0.00	39.94 2.66 0.00	42.41 2.80 0.00	40.77 2.76 0.00	45.44 3.12 0.00	46.82 3.50 0.00	46.33 3.24 0.00	45.47 2.87 0.00	59.10 3.73 0.00	65.14 3.60 0.00	39.53 2.11 0.00	33.23 1.75 0.00
NEG NORTH_FLCN_SEA 23793	35.14 1.31 0.00	27.24 1.06 0.00	25.99 1.03 0.00	25.12 1.00 0.00	24.53 0.99 0.00	23.30 0.96 0.00	25.29 1.10 0.00	23.36 1.07 0.00	23.75 0.97 0.00	19.99 0.82 0.00	20.41 0.90 0.00	27.50 1.29 0.00	35.52 1.51 0.00	39.04 1.76 0.00	41.57 1.96 0.00	39.53 1.52 0.00	44.01 1.68 0.00	45.09 1.78 0.00	44.89 1.79 0.00	44.55 1.95 0.00	58.04 2.67 0.00	64.40 2.85 0.00	39.38 1.95 0.00	33.02 1.53 0.00
NEG NORTH_KES_CHATEGAY 23792	34.44 0.61 0.00	26.73 0.54 0.00	25.49 0.53 0.00	24.60 0.48 0.00	24.01 0.47 0.00	22.80 0.45 0.00	24.76 0.57 0.00	22.88 0.57 0.00	23.27 0.49 0.00	19.55 0.38 0.00	20.01 0.51 0.00	26.91 0.70 0.00	34.72 0.71 0.00	37.98 0.70 0.00	40.44 0.83 0.00	38.51 0.50 0.00	42.86 0.53 0.00	43.68 0.37 0.00	43.60 0.51 0.00	43.40 0.80 0.00	56.51 1.14 0.00	62.83 1.29 0.00	38.28 0.84 0.00	32.06 0.57 0.00
NEG NORTH___ALICE_FALLS 23915	35.04 1.21 0.00	27.16 0.97 0.00	25.89 0.94 0.00	25.02 0.91 0.00	24.42 0.89 0.00	23.20 0.85 0.00	25.20 1.00 0.00	23.27 0.97 0.00	23.66 0.89 0.00	19.93 0.77 0.00	20.34 0.84 0.00	27.41 1.20 0.00	35.38 1.38 0.00	38.85 1.57 0.00	41.46 1.85 0.00	39.40 1.39 0.00	43.89 1.56 0.00	44.96 1.65 0.00	44.77 1.68 0.00	44.49 1.88 0.00	57.95 2.58 0.00	64.24 2.69 0.00	39.23 1.80 0.00	32.87 1.39 0.00
NEG NORTH___LWR_SARANAC 23913	35.04 1.21 0.00	27.16 0.97 0.00	25.89 0.94 0.00	25.02 0.91 0.00	24.42 0.89 0.00	23.20 0.85 0.00	25.20 1.00 0.00	23.27 0.97 0.00	23.66 0.89 0.00	19.93 0.77 0.00	20.34 0.84 0.00	27.41 1.20 0.00	35.38 1.38 0.00	38.85 1.57 0.00	41.46 1.85 0.00	39.40 1.39 0.00	43.89 1.56 0.00	44.96 1.65 0.00	44.77 1.68 0.00	44.49 1.88 0.00	57.95 2.58 0.00	64.24 2.69 0.00	39.23 1.80 0.00	32.87 1.39 0.00
NEG NORTH___PLATTSBURG 23628	35.04 1.21 0.00	27.16 0.97 0.00	25.89 0.94 0.00	25.02 0.91 0.00	24.42 0.89 0.00	23.20 0.85 0.00	25.20 1.00 0.00	23.27 0.97 0.00	23.66 0.89 0.00	19.93 0.77 0.00	20.34 0.84 0.00	27.41 1.20 0.00	35.38 1.38 0.00	38.85 1.57 0.00	41.46 1.86 0.00	39.40 1.39 0.00	43.89 1.56 0.00	44.96 1.65 0.00	44.77 1.68 0.00	44.49 1.88 0.00	57.95 2.58 0.00	64.24 2.69 0.00	39.23 1.80 0.00	32.87 1.39 0.00
NEG WEST_LEA_LOCKPORT 23791	31.93 -1.90 0.00	24.92 -1.27 0.00	23.67 -1.28 0.00	22.56 -1.56 0.00	22.09 -1.44 0.00	20.88 -1.46 0.00	22.89 -1.30 0.00	20.94 -1.37 0.00	21.49 -1.28 0.00	18.17 -0.99 0.00	18.85 -0.65 0.00	25.41 -0.81 0.00	32.92 -1.09 0.00	36.18 -1.11 0.00	38.21 -1.40 0.00	36.80 -1.21 0.00	41.28 -1.05 0.00	42.57 -0.74 0.00	42.96 -0.13 0.00	42.21 -0.40 0.00	54.87 -0.50 0.00	61.33 -0.21 0.00	37.73 0.30 0.00	31.55 0.07 0.00
NEG WEST___LANCASTER 23811	32.77 -1.06 0.00	25.53 -0.65 0.00	24.25 -0.70 0.00	23.18 -0.94 0.00	22.68 -0.85 0.00	21.45 -0.89 0.00	23.46 -0.74 0.00	21.51 -0.79 0.00	22.06 -0.71 0.00	18.67 -0.49 0.00	19.31 -0.19 0.00	26.09 -0.12 0.00	33.94 -0.06 0.00	37.31 0.03 0.00	39.36 -0.25 0.00	37.88 -0.12 0.00	42.61 0.28 0.00	43.92 0.60 0.00	44.18 1.09 0.00	43.37 0.77 0.00	56.26 0.89 0.00	62.64 1.10 0.00	38.43 1.00 0.00	32.13 0.65 0.00
NEG_PENN_ALLEGHNY 23528	33.68 -0.15 0.00	26.10 -0.09 0.00	24.83 -0.13 0.00	23.94 -0.17 0.00	23.38 -0.15 0.00	22.18 -0.16 0.00	24.06 -0.14 0.00	22.16 -0.14 0.00	22.63 -0.15 0.00	19.08 -0.09 0.00	19.47 -0.03 0.00	26.33 0.12 0.00	34.33 0.32 0.00	37.76 0.47 0.00	40.00 0.39 0.00	38.44 0.43 0.00	43.07 0.74 0.00	44.33 1.01 0.00	44.22 1.13 0.00	43.58 0.97 0.00	56.42 1.05 0.00	62.53 0.98 0.00	38.06 0.63 0.00	31.91 0.42 0.00
NEG___GEN_MONROE 24207	33.01 -0.82 0.00	25.66 -0.53 0.00	24.37 -0.58 0.00	23.33 -0.79 0.00	22.82 -0.72 0.00	21.60 -0.74 0.00	23.57 -0.62 0.00	21.62 -0.68 0.00	22.12 -0.66 0.00	18.63 -0.53 0.00	19.18 -0.32 0.00	25.81 -0.40 0.00	33.57 -0.43 0.00	36.99 -0.29 0.00	39.18 -0.43 0.00	37.76 -0.25 0.00	42.41 0.09 0.00	43.83 0.52 0.00	44.17 1.08 0.00	43.48 0.87 0.00	56.47 1.10 0.00	62.84 1.29 0.00	38.35 0.92 0.00	32.04 0.55 0.00

NEPA___ENERGY 23901	32.44 -1.39 0.00	25.28 -0.91 0.00	24.01 -0.95 0.00	22.95 -1.16 0.00	22.45 -1.09 0.00	21.24 -1.10 0.00	23.21 -0.99 0.00	21.29 -1.01 0.00	21.80 -0.97 0.00	18.46 -0.70 0.00	19.07 -0.43 0.00	25.99 -0.22 0.00	33.92 -0.08 0.00	37.26 -0.02 0.00	39.25 -0.36 0.00	37.68 -0.33 0.00	42.52 0.19 0.00	43.80 0.49 0.00	44.02 0.93 0.00	43.27 0.66 0.00	55.92 0.54 0.00	62.13 0.58 0.00	38.10 0.66 0.00	31.81 0.32 0.00
NEVERSink___HYD 23608	33.94 0.11 0.00	26.15 -0.04 0.00	24.84 -0.11 0.00	23.94 -0.17 0.00	23.33 -0.20 0.00	22.15 -0.19 0.00	23.95 -0.24 0.00	22.16 -0.14 0.00	22.70 -0.07 0.00	19.20 0.04 0.00	19.54 0.04 0.00	26.46 0.25 0.00	34.63 0.63 0.00	38.27 0.99 0.00	40.72 1.11 0.00	39.14 1.14 0.00	43.69 1.37 0.00	45.18 1.86 0.00	44.80 1.70 0.00	43.99 1.39 0.00	57.13 1.76 0.00	62.97 1.42 0.00	38.14 0.71 0.00	32.01 0.53 0.00
NEWKRMKL_115KV_TB1 55635	33.93 0.09 0.00	26.22 0.03 0.00	25.11 0.16 0.00	24.47 0.36 0.00	23.87 0.34 0.00	22.69 0.34 0.00	24.50 0.31 0.00	22.61 0.31 0.00	23.06 0.29 0.00	19.28 0.12 0.00	19.59 0.08 0.00	26.26 0.05 0.00	34.16 0.16 0.00	37.68 0.40 0.00	40.15 0.55 0.00	38.54 0.53 0.00	42.84 0.51 0.00	44.06 0.75 0.00	43.82 0.73 0.00	43.22 0.61 0.00	56.18 0.80 0.00	62.12 0.57 0.00	37.72 0.29 0.00	31.78 0.29 0.00
NEWTON___FALLS_HYD 23847	34.02 0.19 0.00	26.34 0.15 0.00	25.13 0.17 0.00	24.17 0.06 0.00	23.56 0.03 0.00	22.34 0.00 0.00	24.24 0.05 0.00	22.33 0.03 0.00	22.69 -0.09 0.00	19.01 -0.15 0.00	19.32 -0.19 0.00	25.89 -0.32 0.00	33.48 -0.53 0.00	36.73 -0.56 0.00	39.17 -0.44 0.00	37.49 -0.52 0.00	41.79 -0.54 0.00	42.50 -0.82 0.00	42.76 -0.34 0.00	42.92 0.32 0.00	55.97 0.59 0.00	62.08 0.53 0.00	37.62 0.19 0.00	31.53 0.04 0.00
NGRID_A1_DSASP 323792	31.32 -2.51 0.00	24.46 -1.73 0.00	23.25 -1.71 0.00	22.16 -1.95 0.00	21.71 -1.82 0.00	20.50 -1.84 0.00	22.48 -1.72 0.00	20.57 -1.73 0.00	21.14 -1.64 0.00	17.88 -1.28 0.00	18.56 -0.94 0.00	24.95 -1.26 0.00	32.31 -1.69 0.00	35.48 -1.80 0.00	37.42 -2.18 0.00	36.03 -1.98 0.00	40.36 -1.97 0.00	41.56 -1.75 0.00	41.92 -1.17 0.00	41.16 -1.44 0.00	53.53 -1.84 0.00	59.99 -1.56 0.00	36.97 -0.46 0.00	30.95 -0.53 0.00
NGRID_A2_DSASP 323793	31.32 -2.51 0.00	24.46 -1.73 0.00	23.25 -1.71 0.00	22.16 -1.95 0.00	21.71 -1.82 0.00	20.50 -1.84 0.00	22.48 -1.72 0.00	20.57 -1.73 0.00	21.14 -1.64 0.00	17.88 -1.28 0.00	18.56 -0.94 0.00	24.95 -1.26 0.00	32.31 -1.69 0.00	35.48 -1.80 0.00	37.42 -2.18 0.00	36.03 -1.98 0.00	40.36 -1.97 0.00	41.56 -1.75 0.00	41.92 -1.17 0.00	41.16 -1.44 0.00	53.53 -1.84 0.00	59.99 -1.56 0.00	36.97 -0.46 0.00	30.95 -0.53 0.00
NGRID_A4_DSASP 323807	31.32 -2.51 0.00	24.46 -1.73 0.00	23.25 -1.71 0.00	22.16 -1.95 0.00	21.71 -1.82 0.00	20.50 -1.84 0.00	22.48 -1.72 0.00	20.57 -1.73 0.00	21.14 -1.64 0.00	17.88 -1.28 0.00	18.56 -0.94 0.00	24.95 -1.26 0.00	32.31 -1.69 0.00	35.48 -1.80 0.00	37.42 -2.18 0.00	36.03 -1.98 0.00	40.36 -1.97 0.00	41.56 -1.75 0.00	41.92 -1.17 0.00	41.16 -1.44 0.00	53.53 -1.84 0.00	59.99 -1.56 0.00	36.97 -0.46 0.00	30.95 -0.53 0.00
NIAGARA_115E_LBMP 323715	31.46 -2.38 0.00	24.57 -1.62 0.00	23.34 -1.61 0.00	22.24 -1.87 0.00	21.78 -1.75 0.00	20.59 -1.76 0.00	22.58 -1.61 0.00	20.64 -1.66 0.00	21.20 -1.57 0.00	17.93 -1.23 0.00	18.60 -0.90 0.00	25.03 -1.18 0.00	32.42 -1.58 0.00	35.60 -1.68 0.00	37.56 -2.05 0.00	36.17 -1.84 0.00	40.55 -1.78 0.00	41.79 -1.53 0.00	42.16 -0.93 0.00	41.41 -1.19 0.00	53.86 -1.52 0.00	60.30 -1.25 0.00	37.15 -0.28 0.00	31.08 -0.40 0.00
NIAGARA_115W_LBMP 323714	31.26 -2.57 0.00	24.41 -1.78 0.00	23.20 -1.75 0.00	22.12 -1.99 0.00	21.67 -1.87 0.00	20.46 -1.88 0.00	22.44 -1.76 0.00	20.52 -1.77 0.00	21.09 -1.68 0.00	17.84 -1.32 0.00	18.52 -0.98 0.00	24.90 -1.31 0.00	32.24 -1.77 0.00	35.40 -1.89 0.00	37.34 -2.27 0.00	35.94 -2.07 0.00	40.26 -2.08 0.00	41.46 -1.86 0.00	41.83 -1.27 0.00	41.07 -1.53 0.00	53.41 -1.97 0.00	59.83 -1.72 0.00	36.89 -0.54 0.00	30.89 -0.60 0.00
NIAGARA_230_LBMP 323716	31.55 -2.29 0.00	24.63 -1.55 0.00	23.41 -1.55 0.00	22.33 -1.78 0.00	21.87 -1.66 0.00	20.66 -1.68 0.00	22.64 -1.56 0.00	20.72 -1.59 0.00	21.27 -1.50 0.00	18.00 -1.16 0.00	18.66 -0.84 0.00	25.10 -1.11 0.00	32.53 -1.48 0.00	35.73 -1.55 0.00	37.68 -1.93 0.00	36.27 -1.74 0.00	40.66 -1.67 0.00	41.88 -1.43 0.00	42.22 -0.87 0.00	41.47 -1.14 0.00	53.94 -1.44 0.00	60.37 -1.17 0.00	37.15 -0.28 0.00	31.11 -0.38 0.00
NIAGARA___115KV_198_GIBSON 55903	31.26 -2.57 0.00	24.42 -1.77 0.00	23.20 -1.75 0.00	22.12 -1.99 0.00	21.67 -1.87 0.00	20.46 -1.88 0.00	22.44 -1.76 0.00	20.52 -1.77 0.00	21.09 -1.68 0.00	17.84 -1.32 0.00	18.52 -0.98 0.00	24.89 -1.32 0.00	32.22 -1.79 0.00	35.40 -1.89 0.00	37.33 -2.27 0.00	35.94 -2.07 0.00	40.26 -2.08 0.00	41.45 -1.86 0.00	41.82 -1.27 0.00	41.07 -1.53 0.00	53.41 -1.97 0.00	59.82 -1.73 0.00	36.89 -0.54 0.00	30.89 -0.60 0.00
NIAGARA___ 23760	31.55 -2.29 0.00	24.63 -1.55 0.00	23.41 -1.55 0.00	22.33 -1.78 0.00	21.87 -1.66 0.00	20.66 -1.68 0.00	22.64 -1.56 0.00	20.72 -1.59 0.00	21.27 -1.50 0.00	18.00 -1.16 0.00	18.66 -0.84 0.00	25.10 -1.11 0.00	32.53 -1.48 0.00	35.73 -1.55 0.00	37.68 -1.93 0.00	36.27 -1.74 0.00	40.66 -1.67 0.00	41.88 -1.43 0.00	42.22 -0.87 0.00	41.47 -1.14 0.00	53.94 -1.44 0.00	60.37 -1.17 0.00	37.15 -0.28 0.00	31.11 -0.38 0.00
NINE_MILE_1 23575	32.92 -0.91 0.00	25.50 -0.69 0.00	24.28 -0.68 0.00	23.44 -0.67 0.00	22.88 -0.65 0.00	21.72 -0.62 0.00	23.54 -0.65 0.00	21.69 -0.61 0.00	22.15 -0.62 0.00	18.62 -0.54 0.00	18.93 -0.57 0.00	25.37 -0.84 0.00	32.96 -1.05 0.00	36.23 -1.05 0.00	38.47 -1.13 0.00	36.96 -1.04 0.00	41.25 -1.08 0.00	42.34 -0.97 0.00	42.24 -0.85 0.00	41.71 -0.90 0.00	54.16 -1.21 0.00	60.13 -1.41 0.00	36.59 -0.84 0.00	30.75 -0.74 0.00
NINE_MILE_2 23744	32.92 -0.91 0.00	25.50 -0.68 0.00	24.28 -0.67 0.00	23.44 -0.67 0.00	22.89 -0.65 0.00	21.72 -0.62 0.00	23.55 -0.65 0.00	21.69 -0.60 0.00	22.15 -0.62 0.00	18.62 -0.54 0.00	18.94 -0.56 0.00	25.37 -0.84 0.00	32.96 -1.05 0.00	36.24 -1.04 0.00	38.48 -1.12 0.00	36.97 -1.04 0.00	41.26 -1.07 0.00	42.35 -0.97 0.00	42.24 -0.85 0.00	41.71 -0.90 0.00	54.16 -1.21 0.00	60.14 -1.41 0.00	36.59 -0.84 0.00	30.75 -0.74 0.00
NM_CAPITAL___DRP 24208	33.99 0.15 0.00	26.27 0.08 0.00	25.17 0.21 0.00	24.51 0.39 0.00	23.91 0.38 0.00	22.72 0.38 0.00	24.54 0.34 0.00	22.62 0.32 0.00	23.08 0.31 0.00	19.31 0.15 0.00	19.61 0.11 0.00	26.30 0.09 0.00	34.20 0.20 0.00	37.72 0.44 0.00	40.19 0.58 0.00	38.56 0.55 0.00	42.82 0.49 0.00	44.04 0.73 0.00	43.82 0.72 0.00	43.23 0.62 0.00	56.19 0.81 0.00	62.16 0.61 0.00	37.74 0.32 0.00	31.82 0.33 0.00

NM_CENTRAL___DRP 24181	33.45 -0.38 0.00	25.90 -0.28 0.00	24.65 -0.30 0.00	23.78 -0.33 0.00	23.22 -0.31 0.00	22.04 -0.30 0.00	23.90 -0.30 0.00	22.00 -0.30 0.00	22.47 -0.30 0.00	18.90 -0.26 0.00	19.25 -0.26 0.00	25.85 -0.36 0.00	33.61 -0.39 0.00	37.00 -0.28 0.00	39.30 -0.31 0.00	37.77 -0.24 0.00	42.19 -0.14 0.00	43.40 0.09 0.00	43.34 0.25 0.00	42.74 0.14 0.00	55.45 0.08 0.00	61.53 -0.02 0.00	37.44 0.01 0.00	31.42 -0.07 0.00
NM_FRONTIER___DRP 24179	31.26 -2.57 0.00	24.42 -1.77 0.00	23.20 -1.75 0.00	22.12 -1.99 0.00	21.67 -1.87 0.00	20.46 -1.88 0.00	22.44 -1.76 0.00	20.52 -1.77 0.00	21.09 -1.68 0.00	17.84 -1.32 0.00	18.52 -0.98 0.00	24.89 -1.32 0.00	32.22 -1.79 0.00	35.40 -1.89 0.00	37.33 -2.27 0.00	35.94 -2.07 0.00	40.26 -2.08 0.00	41.45 -1.86 0.00	41.82 -1.27 0.00	41.07 -1.53 0.00	53.41 -1.97 0.00	59.82 -1.73 0.00	36.89 -0.54 0.00	30.89 -0.60 0.00
NM_ST_REGIS___HYD 24053	34.44 0.61 0.00	26.69 0.50 0.00	25.44 0.48 0.00	24.52 0.40 0.00	23.88 0.35 0.00	22.62 0.27 0.00	24.56 0.36 0.00	22.65 0.35 0.00	23.06 0.29 0.00	19.40 0.24 0.00	19.79 0.29 0.00	26.54 0.33 0.00	34.19 0.18 0.00	37.37 0.08 0.00	39.76 0.15 0.00	37.92 -0.09 0.00	42.15 -0.19 0.00	42.48 -0.84 0.00	42.56 -0.54 0.00	42.72 0.11 0.00	55.63 0.26 0.00	61.89 0.35 0.00	37.59 0.16 0.00	31.55 0.07 0.00
NORTHPORT___1 23551	35.52 1.68 0.00	29.37 1.28 -1.91	26.10 1.15 0.00	25.10 0.99 0.00	24.46 0.93 0.00	23.20 0.86 0.00	25.03 0.84 0.00	23.20 0.90 0.00	24.44 1.17 -0.49	20.84 1.04 -0.64	20.52 1.01 0.00	30.07 1.58 -2.28	36.66 2.09 -0.56	52.19 2.65 -12.26	42.16 2.55 0.00	40.58 2.57 0.00	45.10 2.76 0.00	46.22 2.91 0.00	45.42 2.33 0.00	44.42 1.81 0.00	58.19 2.81 0.00	64.10 2.55 0.00	39.10 1.67 0.00	32.98 1.50 0.00
NORTHPORT___2 23552	35.52 1.68 0.00	29.37 1.28 -1.91	26.10 1.15 0.00	25.10 0.99 0.00	24.46 0.93 0.00	23.20 0.86 0.00	25.03 0.84 0.00	23.20 0.90 0.00	24.44 1.17 -0.49	20.84 1.04 -0.64	20.52 1.01 0.00	30.07 1.58 -2.28	36.66 2.09 -0.56	52.19 2.65 -12.26	42.16 2.55 0.00	40.58 2.57 0.00	45.10 2.76 0.00	46.22 2.91 0.00	45.42 2.33 0.00	44.42 1.81 0.00	58.19 2.81 0.00	64.10 2.55 0.00	39.10 1.67 0.00	32.98 1.50 0.00
NORTHPORT___3 23553	35.49 1.66 0.00	29.36 1.27 -1.91	26.10 1.14 0.00	25.10 0.98 0.00	24.46 0.92 0.00	23.21 0.87 0.00	25.02 0.83 0.00	23.16 0.86 0.00	24.38 1.12 -0.49	20.83 1.03 -0.64	20.57 1.06 0.00	30.11 1.62 -2.28	36.66 2.09 -0.56	52.21 2.67 -12.26	42.21 2.61 0.00	40.63 2.62 0.00	45.17 2.83 0.00	46.33 3.02 0.00	45.58 2.49 0.00	44.54 1.94 0.00	58.24 2.87 0.00	64.17 2.62 0.00	39.15 1.71 0.00	33.05 1.56 0.00
NORTHPORT___4 23650	35.49 1.66 0.00	29.36 1.27 -1.91	26.10 1.14 0.00	25.10 0.98 0.00	24.46 0.92 0.00	23.21 0.87 0.00	25.02 0.83 0.00	23.16 0.86 0.00	24.38 1.12 -0.49	20.83 1.03 -0.64	20.57 1.06 0.00	30.11 1.62 -2.28	36.66 2.09 -0.56	52.21 2.67 -12.26	42.21 2.61 0.00	40.63 2.62 0.00	45.17 2.83 0.00	46.33 3.02 0.00	45.58 2.49 0.00	44.54 1.94 0.00	58.24 2.87 0.00	64.17 2.62 0.00	39.15 1.71 0.00	33.05 1.56 0.00
NORTHPORT___IC 23718	35.52 1.69 0.00	29.37 1.28 -1.90	26.10 1.15 0.00	25.10 0.99 0.00	24.46 0.93 0.00	23.20 0.86 0.00	25.04 0.84 0.00	23.20 0.90 0.00	24.43 1.17 -0.49	20.84 1.04 -0.63	20.52 1.02 0.00	30.07 1.58 -2.28	36.66 2.10 -0.56	52.19 2.65 -12.26	42.16 2.55 0.00	40.58 2.57 0.00	45.09 2.76 0.00	46.22 2.90 0.00	45.42 2.33 0.00	44.42 1.81 0.00	58.19 2.82 0.00	64.10 2.55 0.00	39.10 1.67 0.00	32.99 1.51 0.00
NORTH___COUNTRY_ESR 323785	34.37 0.54 0.00	26.67 0.48 0.00	25.43 0.48 0.00	24.55 0.43 0.00	23.96 0.42 0.00	22.75 0.41 0.00	24.72 0.52 0.00	22.83 0.53 0.00	23.22 0.44 0.00	19.54 0.38 0.00	20.00 0.50 0.00	26.90 0.69 0.00	34.72 0.71 0.00	37.96 0.67 0.00	40.39 0.78 0.00	38.51 0.50 0.00	42.81 0.48 0.00	43.62 0.31 0.00	43.49 0.40 0.00	43.26 0.66 0.00	56.29 0.92 0.00	62.60 1.06 0.00	38.14 0.71 0.00	31.96 0.48 0.00
NPX_GEN_1385_PROXY 323591	35.23 1.40 0.00	29.27 1.18 -1.91	26.10 1.15 0.00	25.10 0.99 0.00	24.46 0.93 0.00	22.90 0.86 0.30	25.03 0.83 0.00	23.20 0.89 0.00	24.39 1.13 -0.49	20.27 0.80 -0.31	10.85 0.45 9.10	17.32 0.81 9.70	35.68 1.11 -0.56	47.60 1.55 -8.77	41.06 1.45 0.00	39.68 1.67 0.00	43.98 1.65 0.00	45.27 1.95 0.00	44.12 1.03 0.00	43.27 0.67 0.00	57.67 2.29 0.00	63.54 2.00 0.00	38.62 1.19 0.00	32.44 0.96 0.00
NPX_GEN_CSC 323557	35.36 1.53 0.00	29.30 1.21 -1.91	26.01 1.06 0.00	24.98 0.86 0.00	24.35 0.81 0.00	22.81 0.76 0.30	24.92 0.72 0.00	23.13 0.83 0.00	24.55 1.29 -0.49	20.49 1.02 -0.31	20.52 1.02 0.00	30.04 1.55 -2.28	36.79 2.22 -0.56	52.49 2.95 -12.26	42.52 2.90 0.00	40.93 2.92 0.00	45.59 3.26 0.00	46.69 3.38 0.00	45.86 2.77 0.00	44.76 2.16 0.00	58.64 3.27 0.00	64.40 2.86 0.00	39.15 1.72 0.00	32.90 1.42 0.00
NSINS_S___GLNS_FALLS 23858	35.96 2.13 0.00	27.71 1.52 0.00	26.41 1.46 0.00	25.58 1.46 0.00	24.83 1.30 0.00	23.60 1.26 0.00	25.53 1.34 0.00	23.41 1.11 0.00	23.91 1.13 0.00	19.98 0.82 0.00	20.19 0.69 0.00	27.19 0.98 0.00	35.37 1.37 0.00	39.08 1.80 0.00	41.95 2.34 0.00	40.32 2.31 0.00	45.03 2.70 0.00	46.57 3.26 0.00	46.65 3.56 0.00	46.04 3.44 0.00	59.80 4.43 0.00	65.83 4.29 0.00	40.13 2.70 0.00	33.78 2.29 0.00
NUCOR_STEEL___DRP 24197	33.83 -0.01 0.00	26.24 0.05 0.00	24.92 -0.03 0.00	24.04 -0.07 0.00	23.46 -0.07 0.00	22.29 -0.06 0.00	24.19 0.00 0.00	22.20 -0.10 0.00	22.65 -0.13 0.00	19.03 -0.14 0.00	19.34 -0.17 0.00	25.99 -0.22 0.00	33.82 -0.18 0.00	37.39 0.11 0.00	39.52 -0.09 0.00	38.17 0.17 0.00	42.76 0.43 0.00	43.88 0.57 0.00	43.86 0.77 0.00	43.52 0.91 0.00	56.43 1.06 0.00	62.58 1.04 0.00	37.88 0.45 0.00	31.90 0.41 0.00
NUMBER_THREE_WT_PWR 323818	34.17 0.34 0.00	26.42 0.23 0.00	25.09 0.14 0.00	24.27 0.15 0.00	23.68 0.14 0.00	22.48 0.14 0.00	24.38 0.18 0.00	22.45 0.15 0.00	22.79 0.02 0.00	19.06 -0.11 0.00	19.32 -0.19 0.00	25.90 -0.31 0.00	33.61 -0.40 0.00	36.99 -0.30 0.00	39.34 -0.27 0.00	37.80 -0.21 0.00	42.25 -0.08 0.00	43.47 0.16 0.00	43.83 0.73 0.00	43.74 1.14 0.00	57.06 1.69 0.00	63.15 1.60 0.00	38.25 0.82 0.00	32.00 0.51 0.00
NYISO_LBMP_REFERENCE 24008	33.83 0.00 0.00	26.19 0.00 0.00	24.95 0.00 0.00	24.11 0.00 0.00	23.53 0.00 0.00	22.34 0.00 0.00	24.19 0.00 0.00	22.30 0.00 0.00	22.77 0.00 0.00	19.16 0.00 0.00	19.50 0.00 0.00	26.21 0.00 0.00	34.00 0.00 0.00	37.28 0.00 0.00	39.61 0.00 0.00	38.01 0.00 0.00	42.33 0.00 0.00	43.32 0.00 0.00	43.09 0.00 0.00	42.61 0.00 0.00	55.37 0.00 0.00	61.55 0.00 0.00	37.43 0.00 0.00	31.48 0.00 0.00

NYPA_BRENTWD____GT 24164	35.91 2.07 0.00	29.65 1.55 -1.91	26.35 1.39 0.00	25.32 1.21 0.00	24.67 1.14 0.00	23.41 1.07 0.00	25.25 1.06 0.00	23.41 1.11 0.00	24.68 1.42 -0.49	21.04 1.25 -0.64	20.77 1.27 0.00	30.44 1.95 -2.28	37.24 2.67 -0.56	52.89 3.35 -12.26	42.91 3.30 0.00	41.31 3.31 0.00	45.84 3.51 0.00	47.02 3.70 0.00	46.22 3.13 0.00	45.17 2.56 0.00	59.11 3.73 0.00	65.16 3.62 0.00	39.77 2.34 0.00	33.49 2.01 0.00
NYPA_GOWANUS____GT5 24156	35.38 1.55 0.00	27.30 1.12 0.00	25.94 0.99 0.00	25.01 0.90 0.00	24.38 0.85 0.00	23.15 0.80 0.00	24.99 0.80 0.00	23.18 0.87 -0.01	23.76 0.98 0.00	20.16 0.99 0.00	20.53 1.02 0.00	27.86 1.65 0.00	36.34 2.34 0.00	40.19 2.90 -0.01	42.51 2.90 0.00	40.95 2.94 0.00	45.56 3.23 0.00	46.85 3.54 0.00	46.30 3.21 0.00	45.40 2.80 0.00	59.05 3.68 0.00	65.19 3.65 0.00	39.72 2.29 0.00	200.33 1.92 -166.93
NYPA_GOWANUS____GT6 24157	35.38 1.55 0.00	27.30 1.12 0.00	25.94 0.99 0.00	25.01 0.90 0.00	24.38 0.85 0.00	23.15 0.80 0.00	24.99 0.80 0.00	23.18 0.87 -0.01	23.76 0.98 0.00	20.16 0.99 0.00	20.53 1.02 0.00	27.86 1.65 0.00	36.34 2.34 0.00	40.19 2.90 -0.01	42.51 2.90 0.00	40.95 2.94 0.00	45.56 3.23 0.00	46.85 3.54 0.00	46.30 3.21 0.00	45.40 2.80 0.00	59.05 3.68 0.00	65.19 3.65 0.00	39.72 2.29 0.00	200.33 1.92 -166.93
NYPA_HARLEM__RVR__GT1 24160	35.15 1.32 0.00	27.17 0.98 0.00	25.81 0.86 0.00	24.90 0.79 0.00	24.27 0.74 0.00	23.05 0.70 0.00	24.85 0.66 0.00	23.07 0.76 -0.01	23.64 0.87 0.00	20.05 0.89 0.00	20.42 0.92 0.00	27.72 1.51 0.00	36.15 2.15 0.00	39.97 2.68 0.00	42.29 2.68 0.00	40.71 2.71 0.00	45.28 2.95 0.00	46.58 3.26 0.00	46.03 2.94 0.00	45.14 2.53 0.00	58.68 3.31 0.00	64.80 3.26 0.00	39.53 2.10 0.00	33.23 1.74 0.00
NYPA_HARLEM__RVR__GT2 24161	35.15 1.32 0.00	27.17 0.98 0.00	25.81 0.86 0.00	24.90 0.79 0.00	24.27 0.74 0.00	23.05 0.70 0.00	24.85 0.66 0.00	23.07 0.76 -0.01	23.64 0.87 0.00	20.05 0.89 0.00	20.42 0.92 0.00	27.72 1.51 0.00	36.15 2.15 0.00	39.97 2.68 0.00	42.29 2.68 0.00	40.71 2.71 0.00	45.28 2.95 0.00	46.58 3.26 0.00	46.03 2.94 0.00	45.14 2.53 0.00	58.68 3.31 0.00	64.80 3.26 0.00	39.53 2.10 0.00	33.23 1.74 0.00
NYPA_KENT____GT 24152	35.30 1.47 0.00	27.24 1.06 0.00	25.89 0.93 0.00	24.96 0.85 0.00	24.34 0.81 0.00	23.11 0.77 0.00	24.94 0.75 0.00	23.14 0.84 -0.01	23.72 0.95 0.00	20.13 0.96 0.00	20.50 0.99 0.00	27.81 1.60 0.00	36.28 2.28 0.00	40.12 2.84 0.00	42.43 2.82 0.00	40.85 2.84 0.00	45.46 3.13 0.00	46.76 3.45 0.00	46.20 3.11 0.00	45.32 2.72 0.00	58.95 3.58 0.00	65.07 3.52 0.00	39.64 2.21 0.00	134.07 1.86 -100.72
NYPA_POUCH1____GT 24155	35.40 1.57 0.00	27.32 1.13 0.00	25.96 1.01 0.00	25.03 0.91 0.00	24.38 0.85 0.00	23.14 0.79 0.00	24.99 0.80 0.00	23.16 0.86 -0.01	23.75 0.98 0.00	20.14 0.97 0.00	20.50 0.99 0.00	27.82 1.61 0.00	36.29 2.29 0.00	40.15 2.86 -0.01	42.47 2.86 0.00	40.95 2.94 0.00	45.54 3.21 0.00	46.83 3.51 0.00	46.24 3.15 0.00	45.35 2.75 0.00	58.97 3.60 0.00	65.11 3.57 0.00	39.65 2.22 0.00	200.30 1.88 -166.93
NYPA_VERNON____GT2 24162	35.24 1.41 0.00	27.19 1.00 0.00	25.83 0.87 0.00	24.91 0.79 0.00	24.30 0.77 0.00	23.08 0.74 0.00	24.90 0.70 0.00	23.10 0.80 -0.01	23.68 0.91 0.00	20.11 0.94 0.00	20.47 0.97 0.00	27.75 1.54 0.00	36.21 2.21 0.00	40.06 2.78 0.00	42.38 2.77 0.00	40.78 2.77 0.00	45.41 3.08 0.00	46.71 3.40 0.00	46.16 3.07 0.00	45.27 2.67 0.00	58.88 3.51 0.00	65.00 3.45 0.00	39.58 2.15 0.00	67.81 1.81 -34.52
NYPA_VERNON____GT3 24163	35.24 1.41 0.00	27.19 1.00 0.00	25.83 0.87 0.00	24.91 0.79 0.00	24.30 0.77 0.00	23.08 0.74 0.00	24.90 0.70 0.00	23.10 0.80 -0.01	23.68 0.91 0.00	20.11 0.94 0.00	20.47 0.97 0.00	27.75 1.54 0.00	36.21 2.21 0.00	40.06 2.78 0.00	42.38 2.77 0.00	40.78 2.77 0.00	45.41 3.08 0.00	46.71 3.40 0.00	46.16 3.07 0.00	45.27 2.67 0.00	58.88 3.51 0.00	65.00 3.45 0.00	39.58 2.15 0.00	67.81 1.81 -34.52
NYPA__ASTORIA_CC1 323568	35.17 1.34 0.00	27.14 0.95 0.00	25.80 0.84 0.00	24.89 0.78 0.00	24.26 0.73 0.00	23.05 0.71 0.00	24.86 0.66 0.00	23.07 0.77 -0.01	23.65 0.87 0.00	20.07 0.91 0.00	20.45 0.94 0.00	27.70 1.49 0.00	36.15 2.14 0.00	39.99 2.71 0.00	42.32 2.72 0.00	40.74 2.73 0.00	45.34 3.00 0.00	46.65 3.34 0.00	46.09 3.00 0.00	45.21 2.60 0.00	58.81 3.43 0.00	64.90 3.36 0.00	39.52 2.09 0.00	33.24 1.75 0.00
NYPA__ASTORIA_CC2 323569	35.17 1.34 0.00	27.14 0.95 0.00	25.80 0.84 0.00	24.89 0.78 0.00	24.26 0.73 0.00	23.05 0.71 0.00	24.86 0.66 0.00	23.07 0.77 -0.01	23.65 0.87 0.00	20.07 0.91 0.00	20.45 0.94 0.00	27.70 1.49 0.00	36.15 2.14 0.00	39.99 2.71 0.00	42.32 2.72 0.00	40.74 2.73 0.00	45.34 3.00 0.00	46.65 3.34 0.00	46.09 3.00 0.00	45.21 2.60 0.00	58.81 3.43 0.00	64.90 3.36 0.00	39.52 2.09 0.00	33.24 1.75 0.00
NYPA__HOLTSVILL 23794	35.59 1.76 0.00	29.43 1.34 -1.91	26.15 1.19 0.00	25.13 1.01 0.00	24.49 0.95 0.00	23.24 0.90 0.00	25.06 0.86 0.00	23.24 0.94 0.00	24.55 1.28 -0.49	20.90 1.11 -0.64	20.60 1.09 0.00	30.16 1.67 -2.28	36.88 2.31 -0.56	52.54 2.99 -12.26	42.54 2.93 0.00	40.95 2.94 0.00	45.58 3.24 0.00	46.68 3.37 0.00	45.88 2.78 0.00	44.82 2.21 0.00	58.71 3.34 0.00	64.59 3.05 0.00	39.32 1.89 0.00	33.11 1.63 0.00
NYPA__HELLGATE_GT1 24158	35.15 1.32 0.00	27.17 0.98 0.00	25.81 0.86 0.00	24.90 0.79 0.00	24.27 0.74 0.00	23.05 0.70 0.00	24.85 0.66 0.00	23.07 0.76 -0.01	23.64 0.87 0.00	20.05 0.89 0.00	20.42 0.92 0.00	27.72 1.51 0.00	36.15 2.15 0.00	39.97 2.68 0.00	42.27 2.66 0.00	40.69 2.69 0.00	45.27 2.94 0.00	46.58 3.26 0.00	46.03 2.94 0.00	45.14 2.53 0.00	58.68 3.31 0.00	64.81 3.27 0.00	39.53 2.10 0.00	33.23 1.74 0.00
NYPA__HELLGATE_GT2 24159	35.15 1.32 0.00	27.17 0.98 0.00	25.81 0.86 0.00	24.90 0.79 0.00	24.27 0.74 0.00	23.05 0.70 0.00	24.85 0.66 0.00	23.07 0.76 -0.01	23.64 0.87 0.00	20.05 0.89 0.00	20.42 0.92 0.00	27.72 1.51 0.00	36.15 2.15 0.00	39.97 2.68 0.00	42.27 2.66 0.00	40.69 2.69 0.00	45.27 2.94 0.00	46.58 3.26 0.00	46.03 2.94 0.00	45.14 2.53 0.00	58.68 3.31 0.00	64.81 3.27 0.00	39.53 2.10 0.00	33.23 1.74 0.00
NYS_BARGE__HYD 23848	31.96 -1.87 0.00	24.94 -1.25 0.00	23.69 -1.27 0.00	22.57 -1.54 0.00	22.10 -1.43 0.00	20.89 -1.45 0.00	22.90 -1.30 0.00	20.95 -1.35 0.00	21.51 -1.27 0.00	18.18 -0.99 0.00	18.86 -0.65 0.00	25.42 -0.79 0.00	32.95 -1.06 0.00	36.20 -1.08 0.00	38.25 -1.36 0.00	36.84 -1.17 0.00	41.32 -1.01 0.00	42.63 -0.69 0.00	43.04 -0.05 0.00	42.27 -0.33 0.00	54.96 -0.41 0.00	61.45 -0.10 0.00	37.78 0.35 0.00	31.58 0.10 0.00

OAK ORCHARD___HYD 24046	32.85 -0.98 0.00	25.53 -0.66 0.00	24.26 -0.70 0.00	23.24 -0.87 0.00	22.73 -0.80 0.00	21.53 -0.82 0.00	23.46 -0.73 0.00	21.53 -0.77 0.00	22.05 -0.73 0.00	18.59 -0.57 0.00	19.14 -0.36 0.00	25.74 -0.47 0.00	33.50 -0.50 0.00	36.91 -0.38 0.00	39.08 -0.53 0.00	37.65 -0.36 0.00	42.24 -0.09 0.00	43.58 0.26 0.00	43.78 0.69 0.00	43.07 0.47 0.00	55.91 0.54 0.00	62.22 0.67 0.00	37.96 0.53 0.00	31.75 0.26 0.00
OAKDALE___35_KV_LOAD 356122	33.56 -0.27 0.00	26.01 -0.18 0.00	24.75 -0.21 0.00	23.86 -0.25 0.00	23.30 -0.23 0.00	22.10 -0.24 0.00	23.98 -0.21 0.00	22.08 -0.22 0.00	22.55 -0.22 0.00	19.01 -0.15 0.00	19.41 -0.10 0.00	26.23 0.03 0.00	34.19 0.18 0.00	37.60 0.32 0.00	39.82 0.21 0.00	38.26 0.25 0.00	42.85 0.53 0.00	44.08 0.76 0.00	43.96 0.87 0.00	43.32 0.72 0.00	56.14 0.77 0.00	62.20 0.65 0.00	37.89 0.46 0.00	31.78 0.29 0.00
OCC_CHEM___DRP 24175	31.33 -2.51 0.00	24.46 -1.73 0.00	23.25 -1.71 0.00	22.16 -1.95 0.00	21.71 -1.82 0.00	20.50 -1.84 0.00	22.48 -1.72 0.00	20.57 -1.73 0.00	21.14 -1.64 0.00	17.88 -1.28 0.00	18.56 -0.94 0.00	24.94 -1.27 0.00	32.29 -1.71 0.00	35.48 -1.80 0.00	37.42 -2.19 0.00	36.03 -1.98 0.00	40.36 -1.98 0.00	41.56 -1.76 0.00	41.93 -1.17 0.00	41.16 -1.44 0.00	53.53 -1.84 0.00	59.97 -1.57 0.00	36.97 -0.46 0.00	30.95 -0.53 0.00
OH_GEN_PROXY 24063	31.59 -2.25 0.00	24.66 -1.52 0.00	23.43 -1.52 0.00	22.36 -1.75 0.00	21.90 -1.64 0.00	20.39 -1.65 0.30	22.66 -1.53 0.00	20.74 -1.56 0.00	21.30 -1.48 0.00	8.11 -1.15 9.90	18.67 -0.83 0.00	25.13 -1.08 0.00	32.60 -1.41 0.00	35.81 -1.48 0.00	37.76 -1.85 0.00	36.34 -1.67 0.00	40.75 -1.58 0.00	41.97 -1.34 0.00	42.30 -0.79 0.00	41.54 -1.07 0.00	54.02 -1.35 0.00	60.44 -1.11 0.00	37.17 -0.26 0.00	31.11 -0.37 0.00
OLIN_CORP_DRP 24177	31.50 -2.33 0.00	24.60 -1.59 0.00	23.37 -1.58 0.00	22.27 -1.84 0.00	21.81 -1.72 0.00	20.62 -1.73 0.00	22.61 -1.59 0.00	20.67 -1.63 0.00	21.23 -1.54 0.00	17.96 -1.20 0.00	18.62 -0.88 0.00	25.06 -1.16 0.00	32.45 -1.56 0.00	35.65 -1.63 0.00	37.62 -1.99 0.00	36.23 -1.78 0.00	40.61 -1.72 0.00	41.85 -1.46 0.00	42.23 -0.87 0.00	41.48 -1.13 0.00	53.93 -1.45 0.00	60.38 -1.17 0.00	37.20 -0.23 0.00	31.12 -0.37 0.00
OLIN_CORP_DSASP 323712	31.32 -2.51 0.00	24.46 -1.73 0.00	23.25 -1.71 0.00	22.16 -1.95 0.00	21.71 -1.82 0.00	20.50 -1.84 0.00	22.48 -1.72 0.00	20.57 -1.73 0.00	21.14 -1.64 0.00	17.88 -1.28 0.00	18.56 -0.94 0.00	24.95 -1.26 0.00	32.31 -1.69 0.00	35.48 -1.80 0.00	37.42 -2.18 0.00	36.03 -1.98 0.00	40.36 -1.97 0.00	41.56 -1.75 0.00	41.92 -1.17 0.00	41.16 -1.44 0.00	53.53 -1.84 0.00	59.99 -1.56 0.00	36.97 -0.46 0.00	30.95 -0.53 0.00
ONEIDA_HERK_LFGE 323681	34.29 0.46 0.00	26.51 0.33 0.00	25.22 0.27 0.00	24.38 0.27 0.00	23.79 0.26 0.00	22.59 0.25 0.00	24.49 0.29 0.00	22.57 0.27 0.00	22.96 0.18 0.00	19.26 0.10 0.00	19.55 0.05 0.00	26.26 0.05 0.00	34.11 0.11 0.00	37.53 0.25 0.00	39.92 0.31 0.00	38.36 0.35 0.00	42.87 0.54 0.00	44.12 0.81 0.00	44.24 1.15 0.00	43.91 1.30 0.00	57.14 1.76 0.00	63.28 1.74 0.00	38.35 0.92 0.00	32.14 0.65 0.00
ONEIDA___115KV_TB4 55905	34.42 0.58 0.00	26.61 0.42 0.00	25.32 0.37 0.00	24.45 0.34 0.00	23.87 0.33 0.00	22.66 0.32 0.00	24.57 0.37 0.00	22.63 0.33 0.00	23.02 0.24 0.00	19.34 0.17 0.00	19.64 0.14 0.00	26.41 0.20 0.00	34.36 0.36 0.00	37.84 0.55 0.00	40.24 0.63 0.00	38.69 0.68 0.00	43.26 0.93 0.00	44.59 1.28 0.00	44.67 1.58 0.00	44.23 1.62 0.00	57.46 2.09 0.00	63.63 2.09 0.00	38.59 1.16 0.00	32.34 0.86 0.00
ONONDAGA_REF_OCCRA 23987	33.65 -0.18 0.00	26.05 -0.14 0.00	24.79 -0.17 0.00	23.91 -0.20 0.00	23.35 -0.19 0.00	22.16 -0.18 0.00	24.02 -0.17 0.00	22.13 -0.17 0.00	22.59 -0.18 0.00	18.99 -0.17 0.00	19.34 -0.16 0.00	25.99 -0.22 0.00	33.81 -0.19 0.00	37.22 -0.06 0.00	39.53 -0.07 0.00	38.00 -0.01 0.00	42.47 0.14 0.00	43.70 0.39 0.00	43.65 0.56 0.00	43.08 0.48 0.00	55.90 0.52 0.00	61.97 0.42 0.00	37.69 0.26 0.00	31.62 0.14 0.00
ONONDAGA___COGEN 23986	33.65 -0.19 0.00	26.05 -0.14 0.00	24.79 -0.17 0.00	23.91 -0.20 0.00	23.35 -0.18 0.00	22.17 -0.18 0.00	24.03 -0.16 0.00	22.13 -0.17 0.00	22.60 -0.18 0.00	18.99 -0.17 0.00	19.32 -0.18 0.00	25.96 -0.25 0.00	33.78 -0.23 0.00	37.19 -0.09 0.00	39.49 -0.12 0.00	37.98 -0.02 0.00	42.47 0.14 0.00	43.68 0.36 0.00	43.60 0.51 0.00	43.04 0.43 0.00	55.83 0.45 0.00	61.90 0.35 0.00	37.62 0.19 0.00	31.58 0.10 0.00
ONTARIO___LFGE 23819	33.51 -0.32 0.00	26.02 -0.17 0.00	24.72 -0.23 0.00	23.76 -0.36 0.00	23.21 -0.32 0.00	22.00 -0.34 0.00	23.94 -0.25 0.00	22.03 -0.27 0.00	22.50 -0.28 0.00	18.90 -0.26 0.00	19.31 -0.19 0.00	26.06 -0.15 0.00	33.96 -0.05 0.00	37.35 0.06 0.00	39.50 -0.11 0.00	38.10 0.09 0.00	42.83 0.50 0.00	44.31 1.00 0.00	44.49 1.40 0.00	43.90 1.29 0.00	56.81 1.43 0.00	62.93 1.38 0.00	38.33 0.89 0.00	32.12 0.64 0.00
ORANGEVILLE_WT_PWR 323706	32.48 -1.36 0.00	25.33 -0.86 0.00	24.05 -0.90 0.00	23.00 -1.12 0.00	22.51 -1.03 0.00	21.29 -1.06 0.00	23.27 -0.92 0.00	21.33 -0.97 0.00	21.86 -0.91 0.00	18.47 -0.69 0.00	19.09 -0.41 0.00	25.82 -0.39 0.00	33.58 -0.42 0.00	36.89 -0.39 0.00	38.94 -0.67 0.00	37.49 -0.52 0.00	42.16 -0.18 0.00	43.42 0.10 0.00	43.64 0.55 0.00	42.91 0.31 0.00	55.65 0.27 0.00	61.97 0.42 0.00	38.03 0.60 0.00	31.82 0.33 0.00
ORANGEVILLE___ESR 323794	32.48 -1.36 0.00	25.33 -0.86 0.00	24.05 -0.90 0.00	23.00 -1.12 0.00	22.51 -1.03 0.00	21.29 -1.06 0.00	23.27 -0.92 0.00	21.33 -0.97 0.00	21.86 -0.91 0.00	18.47 -0.69 0.00	19.09 -0.41 0.00	25.82 -0.39 0.00	33.58 -0.42 0.00	36.89 -0.39 0.00	38.94 -0.67 0.00	37.49 -0.52 0.00	42.16 -0.18 0.00	43.42 0.10 0.00	43.64 0.55 0.00	42.91 0.31 0.00	55.65 0.27 0.00	61.97 0.42 0.00	38.03 0.60 0.00	31.82 0.33 0.00
OSWEGATCHIE___HYD 24044	34.02 0.19 0.00	26.34 0.15 0.00	25.13 0.17 0.00	24.17 0.06 0.00	23.56 0.03 0.00	22.34 0.00 0.00	24.24 0.05 0.00	22.33 0.03 0.00	22.69 -0.09 0.00	19.01 -0.15 0.00	19.32 -0.19 0.00	25.89 -0.32 0.00	33.48 -0.53 0.00	36.72 -0.56 0.00	39.17 -0.44 0.00	37.49 -0.52 0.00	41.79 -0.54 0.00	42.50 -0.82 0.00	42.76 -0.34 0.00	42.92 0.32 0.00	55.97 0.60 0.00	62.08 0.53 0.00	37.62 0.19 0.00	31.53 0.04 0.00
OSWEGO___5 23606	33.10 -0.73 0.00	25.64 -0.55 0.00	24.42 -0.54 0.00	23.56 -0.55 0.00	23.01 -0.52 0.00	21.84 -0.51 0.00	23.67 -0.52 0.00	21.81 -0.50 0.00	22.27 -0.51 0.00	18.72 -0.44 0.00	19.05 -0.45 0.00	25.54 -0.67 0.00	33.19 -0.81 0.00	36.50 -0.79 0.00	38.74 -0.87 0.00	37.23 -0.77 0.00	41.56 -0.77 0.00	42.68 -0.63 0.00	42.59 -0.51 0.00	42.05 -0.56 0.00	54.59 -0.78 0.00	60.62 -0.93 0.00	36.87 -0.56 0.00	30.97 -0.51 0.00

OSWEGO___6 23613	33.10 -0.73 0.00	25.64 -0.55 0.00	24.42 -0.54 0.00	23.56 -0.55 0.00	23.01 -0.52 0.00	21.84 -0.51 0.00	23.67 -0.52 0.00	21.81 -0.50 0.00	22.27 -0.51 0.00	18.72 -0.44 0.00	19.05 -0.45 0.00	25.54 -0.67 0.00	33.19 -0.81 0.00	36.50 -0.79 0.00	38.74 -0.87 0.00	37.23 -0.77 0.00	41.56 -0.77 0.00	42.68 -0.63 0.00	42.59 -0.51 0.00	42.05 -0.56 0.00	54.59 -0.78 0.00	60.62 -0.93 0.00	36.87 -0.56 0.00	30.97 -0.51 0.00
OUTOKUMPU-AB___DRP 24206	32.11 -1.72 0.00	25.06 -1.13 0.00	23.80 -1.16 0.00	22.69 -1.43 0.00	22.21 -1.33 0.00	20.98 -1.37 0.00	23.00 -1.19 0.00	21.04 -1.26 0.00	21.62 -1.16 0.00	18.29 -0.87 0.00	18.99 -0.51 0.00	25.59 -0.62 0.00	33.20 -0.80 0.00	36.51 -0.77 0.00	38.57 -1.03 0.00	37.16 -0.85 0.00	41.69 -0.64 0.00	42.97 -0.34 0.00	43.32 0.23 0.00	42.53 -0.08 0.00	55.26 -0.12 0.00	61.74 0.20 0.00	37.98 0.55 0.00	31.75 0.27 0.00
OXBOW___BTM 323836	31.72 -2.11 0.00	24.76 -1.43 0.00	23.52 -1.43 0.00	22.42 -1.69 0.00	21.95 -1.58 0.00	20.74 -1.60 0.00	22.74 -1.45 0.00	20.80 -1.50 0.00	21.37 -1.40 0.00	18.09 -1.08 0.00	18.78 -0.73 0.00	25.29 -0.92 0.00	32.80 -1.20 0.00	36.04 -1.25 0.00	38.06 -1.56 0.00	36.65 -1.36 0.00	41.09 -1.24 0.00	42.35 -0.96 0.00	42.70 -0.39 0.00	41.92 -0.69 0.00	54.48 -0.89 0.00	60.96 -0.58 0.00	37.51 0.08 0.00	31.38 -0.11 0.00
OXBOW____ 24026	31.72 -2.11 0.00	24.76 -1.43 0.00	23.52 -1.43 0.00	22.42 -1.69 0.00	21.96 -1.58 0.00	20.74 -1.60 0.00	22.74 -1.45 0.00	20.80 -1.50 0.00	21.37 -1.40 0.00	18.09 -1.08 0.00	18.78 -0.73 0.00	25.28 -0.93 0.00	32.78 -1.22 0.00	36.04 -1.25 0.00	38.05 -1.56 0.00	36.65 -1.36 0.00	41.09 -1.24 0.00	42.34 -0.97 0.00	42.70 -0.39 0.00	41.92 -0.69 0.00	54.48 -0.89 0.00	60.94 -0.61 0.00	37.51 0.08 0.00	31.38 -0.11 0.00
OXY_CHEM_DSASP 323612	31.33 -2.51 0.00	24.46 -1.73 0.00	23.25 -1.71 0.00	22.16 -1.95 0.00	21.71 -1.82 0.00	20.50 -1.84 0.00	22.48 -1.72 0.00	20.57 -1.73 0.00	21.14 -1.64 0.00	17.88 -1.28 0.00	18.56 -0.94 0.00	24.94 -1.27 0.00	32.29 -1.71 0.00	35.48 -1.80 0.00	37.42 -2.19 0.00	36.03 -1.98 0.00	40.36 -1.98 0.00	41.56 -1.76 0.00	41.93 -1.17 0.00	41.16 -1.44 0.00	53.53 -1.84 0.00	59.97 -1.57 0.00	36.97 -0.46 0.00	30.95 -0.53 0.00
OZONE_PARK_ESR 323760	35.56 1.73 0.00	27.38 1.19 0.00	26.01 1.06 0.00	25.08 0.97 0.00	24.44 0.90 0.00	23.19 0.85 0.00	25.05 0.85 0.00	23.21 0.91 0.00	23.81 1.03 0.00	20.21 1.05 0.00	20.60 1.10 0.00	27.94 1.73 0.00	36.47 2.47 0.00	40.38 3.10 0.00	42.75 3.14 0.00	41.11 3.11 0.00	45.82 3.49 0.00	47.14 3.82 0.00	46.57 3.48 0.00	45.68 3.07 0.00	59.43 4.06 0.00	65.60 4.06 0.00	39.89 2.46 0.00	33.55 2.07 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	31.33 -2.51 0.00	24.46 -1.73 0.00	23.25 -1.71 0.00	22.16 -1.95 0.00	21.71 -1.82 0.00	20.50 -1.84 0.00	22.48 -1.72 0.00	20.57 -1.73 0.00	21.14 -1.64 0.00	17.88 -1.28 0.00	18.56 -0.94 0.00	24.94 -1.27 0.00	32.29 -1.71 0.00	35.48 -1.80 0.00	37.42 -2.19 0.00	36.03 -1.98 0.00	40.36 -1.98 0.00	41.56 -1.76 0.00	41.93 -1.17 0.00	41.16 -1.44 0.00	53.53 -1.84 0.00	59.97 -1.57 0.00	36.97 -0.46 0.00	30.95 -0.53 0.00
PACKARD__115KV_DUPONT_184 80571	31.33 -2.51 0.00	24.46 -1.73 0.00	23.25 -1.71 0.00	22.16 -1.95 0.00	21.71 -1.82 0.00	20.50 -1.84 0.00	22.48 -1.72 0.00	20.57 -1.73 0.00	21.14 -1.64 0.00	17.88 -1.28 0.00	18.56 -0.94 0.00	24.94 -1.27 0.00	32.29 -1.71 0.00	35.48 -1.80 0.00	37.42 -2.19 0.00	36.03 -1.98 0.00	40.36 -1.98 0.00	41.56 -1.76 0.00	41.93 -1.17 0.00	41.16 -1.44 0.00	53.53 -1.84 0.00	59.97 -1.57 0.00	36.97 -0.46 0.00	30.95 -0.53 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	35.10 1.27 0.00	27.13 0.95 0.00	25.78 0.83 0.00	24.88 0.76 0.00	24.25 0.71 0.00	23.03 0.68 0.00	24.84 0.64 0.00	23.04 0.73 -0.01	23.60 0.83 0.00	20.00 0.84 0.00	20.38 0.88 0.00	27.66 1.45 0.00	36.08 2.08 0.00	39.90 2.61 0.00	42.26 2.65 0.00	40.66 2.65 0.00	45.24 2.91 0.00	46.54 3.23 0.00	46.03 2.93 0.00	45.14 2.54 0.00	58.72 3.34 0.00	64.81 3.27 0.00	39.50 2.07 0.00	33.19 1.70 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	35.11 1.28 0.00	27.17 0.98 0.00	25.83 0.88 0.00	24.93 0.82 0.00	24.29 0.76 0.00	23.06 0.72 0.00	24.87 0.68 0.00	23.06 0.76 -0.01	23.61 0.84 0.00	20.03 0.87 0.00	20.39 0.88 0.00	27.71 1.50 0.00	36.17 2.16 0.00	40.00 2.71 0.00	42.36 2.75 0.00	40.80 2.80 0.00	45.40 3.07 0.00	46.67 3.36 0.00	46.09 2.99 0.00	45.24 2.63 0.00	58.93 3.56 0.00	64.98 3.44 0.00	39.68 2.25 0.00	33.33 1.84 0.00
PATROON__115KV_TB1 80586	34.03 0.20 0.00	26.31 0.12 0.00	25.19 0.23 0.00	24.53 0.41 0.00	23.93 0.40 0.00	22.74 0.40 0.00	24.57 0.37 0.00	22.66 0.36 0.00	23.11 0.34 0.00	19.33 0.17 0.00	19.63 0.13 0.00	26.34 0.13 0.00	34.28 0.27 0.00	37.81 0.52 0.00	40.29 0.68 0.00	38.68 0.67 0.00	43.00 0.66 0.00	44.23 0.91 0.00	43.99 0.90 0.00	43.38 0.78 0.00	56.39 1.02 0.00	62.35 0.81 0.00	37.86 0.43 0.00	31.88 0.40 0.00
PATTRSNVILLE__SOLAR 323815	34.77 0.94 0.00	26.89 0.70 0.00	25.62 0.67 0.00	24.77 0.66 0.00	24.17 0.63 0.00	22.95 0.60 0.00	24.83 0.63 0.00	22.88 0.58 0.00	23.28 0.50 0.00	19.46 0.29 0.00	19.75 0.25 0.00	26.41 0.20 0.00	34.34 0.33 0.00	37.83 0.55 0.00	40.34 0.73 0.00	38.74 0.73 0.00	43.28 0.95 0.00	44.63 1.32 0.00	44.65 1.56 0.00	44.28 1.68 0.00	57.61 2.24 0.00	63.80 2.26 0.00	38.77 1.34 0.00	32.60 1.11 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	32.87 -0.96 0.00	25.60 -0.59 0.00	24.31 -0.65 0.00	23.22 -0.90 0.00	22.72 -0.82 0.00	21.48 -0.86 0.00	23.50 -0.70 0.00	21.54 -0.76 0.00	22.10 -0.67 0.00	18.71 -0.45 0.00	19.37 -0.14 0.00	26.17 -0.04 0.00	34.05 0.05 0.00	37.47 0.19 0.00	39.58 -0.03 0.00	38.11 0.10 0.00	42.88 0.55 0.00	44.24 0.92 0.00	44.53 1.44 0.00	43.70 1.09 0.00	56.66 1.28 0.00	63.07 1.52 0.00	38.68 1.25 0.00	32.30 0.82 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	35.17 1.34 0.00	27.11 0.92 0.00	25.77 0.81 0.00	24.86 0.75 0.00	24.25 0.71 0.00	23.02 0.68 0.00	24.88 0.68 0.00	23.03 0.73 0.00	23.65 0.87 0.00	20.01 0.85 0.00	20.39 0.89 0.00	27.64 1.43 0.00	36.07 2.07 0.00	39.94 2.66 0.00	42.41 2.80 0.00	40.77 2.76 0.00	45.44 3.12 0.00	46.82 3.50 0.00	46.33 3.24 0.00	45.47 2.87 0.00	59.10 3.73 0.00	65.14 3.60 0.00	39.53 2.11 0.00	33.23 1.75 0.00
PEEKSKILL____ 23653	34.90 1.06 0.00	26.91 0.72 0.00	25.59 0.64 0.00	24.68 0.57 0.00	24.06 0.53 0.00	22.85 0.51 0.00	24.69 0.49 0.00	22.85 0.55 0.00	23.43 0.65 0.00	19.83 0.67 0.00	20.20 0.70 0.00	27.39 1.18 0.00	35.72 1.72 0.00	39.55 2.27 0.00	41.91 2.30 0.00	40.27 2.26 0.00	44.87 2.54 0.00	46.17 2.86 0.00	45.68 2.59 0.00	44.84 2.24 0.00	58.32 2.95 0.00	64.37 2.82 0.00	39.11 1.68 0.00	32.91 1.42 0.00

PGE MADISON___WINDPWR 24146	35.78 1.95 0.00	27.66 1.47 0.00	26.28 1.32 0.00	25.32 1.20 0.00	24.74 1.20 0.00	23.49 1.15 0.00	25.52 1.32 0.00	23.52 1.22 0.00	23.88 1.10 0.00	19.93 0.77 0.00	20.24 0.74 0.00	27.24 1.03 0.00	35.47 1.46 0.00	39.16 1.87 0.00	41.62 2.01 0.00	40.29 2.28 0.00	45.40 3.07 0.00	46.88 3.57 0.00	47.32 4.23 0.00	46.95 4.34 0.00	60.84 5.46 0.00	67.05 5.50 0.00	40.59 3.16 0.00	33.90 2.42 0.00
PIERCEFIELD___HYD 23852	34.34 0.51 0.00	26.62 0.43 0.00	25.37 0.42 0.00	24.44 0.32 0.00	23.79 0.26 0.00	22.52 0.17 0.00	24.44 0.24 0.00	22.53 0.23 0.00	22.94 0.16 0.00	19.30 0.14 0.00	19.67 0.16 0.00	26.35 0.14 0.00	33.94 -0.07 0.00	37.08 -0.20 0.00	39.45 -0.16 0.00	37.63 -0.38 0.00	41.81 -0.52 0.00	42.01 -1.31 0.00	42.13 -0.97 0.00	42.38 -0.22 0.00	55.21 -0.16 0.00	61.47 -0.08 0.00	37.32 -0.11 0.00	31.34 -0.14 0.00
PINELAWN_CC_1 323563	35.73 1.90 0.00	29.50 1.41 -1.91	26.21 1.25 0.00	25.20 1.08 0.00	24.55 1.01 0.00	23.29 0.95 0.00	25.12 0.92 0.00	23.28 0.98 0.00	24.51 1.24 -0.49	20.93 1.13 -0.64	20.67 1.16 0.00	30.29 1.80 -2.28	37.11 2.55 -0.56	52.43 2.89 -12.26	42.34 2.74 0.00	40.70 2.69 0.00	45.15 2.82 0.00	46.33 3.02 0.00	45.62 2.53 0.00	44.60 2.00 0.00	58.31 2.93 0.00	64.55 3.00 0.00	39.73 2.30 0.00	33.44 1.96 0.00
PJM_GEN_HTP_PROXY 323702	35.11 1.28 0.00	27.08 0.90 0.00	25.74 0.78 0.00	24.83 0.71 0.00	24.20 0.67 0.00	22.96 0.62 0.00	24.79 0.60 0.00	22.98 0.68 0.00	23.56 0.78 0.00	19.98 0.82 0.00	21.14 0.85 -0.79	27.60 1.39 0.00	36.00 2.00 0.00	39.85 2.57 0.00	42.18 2.58 0.00	40.57 2.57 0.00	45.20 2.87 0.00	46.50 3.18 0.00	45.92 2.82 0.00	45.04 2.44 0.00	58.60 3.23 0.00	62.02 3.14 2.66	39.33 1.90 0.00	33.10 1.61 0.00
PJM_GEN_KEystone 24065	33.48 -0.36 0.00	25.93 -0.26 0.00	14.34 -0.31 10.30	13.13 -0.43 10.55	14.86 -0.40 8.27	17.06 -0.41 4.86	17.93 -0.39 5.87	13.81 -0.35 8.13	13.75 -0.28 8.74	19.04 -0.12 0.00	20.29 0.00 -0.79	26.49 0.28 0.00	34.56 0.55 0.00	38.11 0.83 0.00	40.25 0.65 0.00	38.65 0.64 0.00	43.29 0.95 0.00	44.56 1.24 0.00	44.35 1.26 0.00	43.56 0.95 0.00	56.51 1.13 0.00	59.88 1.00 2.66	38.16 0.73 0.00	32.02 0.53 0.00
PJM_GEN_NEPTUNE_PROXY 323594	35.32 1.49 0.00	28.30 1.09 -1.02	25.92 0.96 0.00	24.94 0.83 0.00	24.30 0.76 0.00	23.07 0.73 0.00	24.88 0.68 0.00	23.05 0.75 0.00	24.00 0.97 -0.26	20.43 0.93 -0.34	21.26 0.97 -0.79	28.97 1.54 -1.22	36.43 2.13 -0.30	46.57 2.73 -6.56	42.28 2.67 0.00	40.66 2.66 0.00	45.21 2.88 0.00	46.42 3.11 0.00	45.75 2.65 0.00	44.75 2.14 0.00	58.40 3.03 0.00	61.73 2.85 2.66	39.32 1.89 0.00	33.11 1.62 0.00
PJM_GEN_VFT_PROXY 323633	34.95 1.12 0.00	26.95 0.76 0.00	25.61 0.65 0.00	24.69 0.58 0.00	24.07 0.54 0.00	22.85 0.51 0.00	24.69 0.49 0.00	22.88 0.58 0.00	23.45 0.68 0.00	19.89 0.73 0.00	21.05 0.76 -0.79	27.49 1.29 0.00	35.88 1.87 0.00	39.74 2.45 0.00	42.05 2.44 0.00	40.43 2.42 0.00	45.03 2.70 0.00	46.31 3.00 0.00	45.73 2.64 0.00	44.87 2.26 0.00	58.38 3.00 0.00	61.80 2.92 2.66	39.19 1.76 0.00	32.99 1.51 0.00
PLATSBURG_115KV_PMLD1 355749	35.12 1.29 0.00	27.23 1.04 0.00	25.97 1.02 0.00	25.10 0.99 0.00	24.51 0.98 0.00	23.29 0.94 0.00	25.28 1.08 0.00	23.35 1.05 0.00	23.73 0.96 0.00	19.98 0.81 0.00	20.40 0.90 0.00	27.48 1.28 0.00	35.50 1.50 0.00	39.01 1.73 0.00	41.53 1.92 0.00	39.49 1.49 0.00	43.98 1.66 0.00	45.06 1.75 0.00	44.85 1.76 0.00	44.51 1.91 0.00	58.00 2.63 0.00	64.34 2.80 0.00	39.35 1.92 0.00	32.99 1.51 0.00
PLEASANTVLY___LBMP 24000	34.69 0.86 0.00	26.76 0.57 0.00	25.47 0.52 0.00	24.60 0.48 0.00	24.00 0.46 0.00	22.79 0.44 0.00	24.63 0.43 0.00	22.77 0.47 0.00	23.34 0.56 0.00	19.72 0.56 0.00	20.07 0.56 0.00	27.15 0.94 0.00	35.39 1.38 0.00	39.13 1.85 0.00	41.52 1.91 0.00	39.88 1.88 0.00	44.39 2.06 0.00	45.69 2.37 0.00	45.25 2.16 0.00	44.46 1.86 0.00	57.81 2.44 0.00	63.84 2.30 0.00	38.78 1.35 0.00	32.66 1.18 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	35.03 1.19 0.00	27.03 0.84 0.00	25.70 0.75 0.00	24.80 0.68 0.00	24.17 0.64 0.00	22.95 0.61 0.00	24.80 0.60 0.00	22.95 0.65 0.00	23.50 0.72 0.00	19.89 0.73 0.00	20.25 0.75 0.00	27.45 1.24 0.00	35.80 1.80 0.00	39.63 2.34 0.00	42.00 2.39 0.00	40.35 2.34 0.00	44.96 2.63 0.00	46.27 2.96 0.00	45.79 2.69 0.00	44.96 2.35 0.00	58.46 3.09 0.00	64.50 2.96 0.00	39.18 1.76 0.00	32.98 1.50 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	35.03 1.19 0.00	27.03 0.84 0.00	25.70 0.75 0.00	24.80 0.68 0.00	24.17 0.64 0.00	22.95 0.61 0.00	24.80 0.60 0.00	22.95 0.65 0.00	23.50 0.72 0.00	19.89 0.73 0.00	20.25 0.75 0.00	27.45 1.24 0.00	35.80 1.80 0.00	39.63 2.34 0.00	42.00 2.39 0.00	40.35 2.34 0.00	44.96 2.63 0.00	46.27 2.96 0.00	45.79 2.69 0.00	44.96 2.35 0.00	58.46 3.09 0.00	64.50 2.96 0.00	39.18 1.76 0.00	32.98 1.50 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	34.96 1.13 0.00	26.95 0.76 0.00	25.63 0.67 0.00	24.74 0.63 0.00	24.13 0.59 0.00	22.92 0.57 0.00	24.77 0.58 0.00	22.92 0.62 0.00	23.49 0.71 0.00	19.85 0.69 0.00	20.20 0.70 0.00	27.36 1.15 0.00	35.67 1.67 0.00	39.48 2.20 0.00	41.95 2.34 0.00	40.33 2.33 0.00	44.96 2.63 0.00	46.35 3.03 0.00	45.95 2.86 0.00	45.11 2.50 0.00	58.57 3.20 0.00	64.60 3.06 0.00	39.20 1.77 0.00	32.98 1.50 0.00
POLETTI___ 23519	35.06 1.23 0.00	27.05 0.86 0.00	25.71 0.75 0.00	24.80 0.68 0.00	24.17 0.64 0.00	22.95 0.60 0.00	24.77 0.58 0.00	22.97 0.67 0.00	23.55 0.77 0.00	19.99 0.83 0.00	20.35 0.84 0.00	27.59 1.38 0.00	35.98 1.98 0.00	39.83 2.54 0.00	42.15 2.55 0.00	40.54 2.53 0.00	45.16 2.83 0.00	46.45 3.13 0.00	45.89 2.79 0.00	45.02 2.41 0.00	58.55 3.18 0.00	64.65 3.10 0.00	39.32 1.89 0.00	33.09 1.60 0.00
POMONA___ESR 323819	34.90 1.07 0.00	26.91 0.72 0.00	25.58 0.63 0.00	24.67 0.55 0.00	24.04 0.51 0.00	22.83 0.48 0.00	24.67 0.48 0.00	22.84 0.54 0.00	23.42 0.64 0.00	19.83 0.67 0.00	20.21 0.71 0.00	27.44 1.22 0.00	35.81 1.81 0.00	39.66 2.38 0.00	42.04 2.43 0.00	40.36 2.36 0.00	45.02 2.69 0.00	46.33 3.02 0.00	45.83 2.74 0.00	44.99 2.38 0.00	58.49 3.11 0.00	64.51 2.97 0.00	39.19 1.75 0.00	32.95 1.47 0.00
PORT_JEFF_3 23555	35.67 1.84 0.00	29.49 1.39 -1.91	26.20 1.25 0.00	25.18 1.06 0.00	24.54 1.00 0.00	23.29 0.94 0.00	25.11 0.91 0.00	23.29 0.99 0.00	24.60 1.34 -0.49	20.95 1.16 -0.64	20.66 1.16 0.00	30.26 1.77 -2.28	37.02 2.46 -0.56	52.72 3.18 -12.26	42.75 3.14 0.00	41.14 3.14 0.00	45.79 3.46 0.00	46.83 3.52 0.00	46.02 2.92 0.00	44.96 2.35 0.00	58.98 3.61 0.00	64.86 3.31 0.00	39.49 2.06 0.00	33.23 1.74 0.00

PORT_JEFF_4 23616	35.67 1.84 0.00	29.49 1.39 -1.91	26.20 1.25 0.00	25.18 1.06 0.00	24.54 1.00 0.00	23.29 0.94 0.00	25.11 0.91 0.00	23.29 0.99 0.00	24.60 1.34 -0.49	20.95 1.16 -0.64	20.66 1.16 0.00	30.26 1.77 -2.28	37.02 2.46 -0.56	52.72 3.18 -12.26	42.75 3.14 0.00	41.14 3.14 0.00	45.79 3.46 0.00	46.83 3.52 0.00	46.02 2.92 0.00	44.96 2.35 0.00	58.98 3.61 0.00	64.86 3.31 0.00	39.49 2.06 0.00	33.23 1.74 0.00
PORT_JEFF_IC 23713	35.69 1.86 0.00	29.51 1.42 -1.90	26.21 1.26 0.00	25.18 1.07 0.00	24.54 1.01 0.00	23.29 0.95 0.00	25.13 0.93 0.00	23.30 1.00 0.00	24.62 1.35 -0.49	20.97 1.17 -0.63	20.68 1.18 0.00	30.30 1.81 -2.28	37.09 2.52 -0.56	52.81 3.26 -12.26	42.84 3.24 0.00	41.24 3.23 0.00	45.91 3.57 0.00	46.77 3.45 0.00	45.95 2.85 0.00	44.91 2.30 0.00	59.10 3.73 0.00	64.98 3.43 0.00	39.53 2.10 0.00	33.26 1.78 0.00
PPL_PILGRIM_ST_GT1 24216	35.91 2.07 0.00	29.65 1.55 -1.91	26.35 1.39 0.00	25.32 1.21 0.00	24.67 1.14 0.00	23.41 1.07 0.00	25.25 1.06 0.00	23.41 1.11 0.00	24.68 1.42 -0.49	21.04 1.25 -0.64	20.77 1.27 0.00	30.44 1.95 -2.28	37.24 2.67 -0.56	52.89 3.35 -12.26	42.91 3.30 0.00	41.31 3.31 0.00	45.84 3.51 0.00	47.02 3.70 0.00	46.22 3.13 0.00	45.17 2.56 0.00	59.11 3.73 0.00	65.16 3.62 0.00	39.77 2.34 0.00	33.49 2.01 0.00
PPL_PILGRIM_ST_GT2 24217	35.91 2.07 0.00	29.65 1.55 -1.91	26.35 1.39 0.00	25.32 1.21 0.00	24.67 1.14 0.00	23.41 1.07 0.00	25.25 1.06 0.00	23.41 1.11 0.00	24.68 1.42 -0.49	21.04 1.25 -0.64	20.77 1.27 0.00	30.44 1.95 -2.28	37.24 2.67 -0.56	52.89 3.35 -12.26	42.91 3.30 0.00	41.31 3.31 0.00	45.84 3.51 0.00	47.02 3.70 0.00	46.22 3.13 0.00	45.17 2.56 0.00	59.11 3.73 0.00	65.16 3.62 0.00	39.77 2.34 0.00	33.49 2.01 0.00
PPL_SHRM_GT3 24213	35.39 1.55 0.00	29.31 1.22 -1.91	26.03 1.07 0.00	24.99 0.88 0.00	24.36 0.83 0.00	23.12 0.78 0.00	24.93 0.74 0.00	23.14 0.84 0.00	24.57 1.30 -0.49	20.82 1.02 -0.64	20.52 1.02 0.00	30.04 1.55 -2.28	36.80 2.23 -0.56	52.50 2.96 -12.26	42.52 2.91 0.00	40.95 2.94 0.00	45.61 3.28 0.00	46.76 3.44 0.00	45.93 2.83 0.00	44.83 2.23 0.00	58.70 3.32 0.00	64.46 2.92 0.00	39.18 1.74 0.00	32.92 1.43 0.00
PPL_SHRM_GT4 24214	35.39 1.55 0.00	29.31 1.22 -1.91	26.03 1.07 0.00	24.99 0.88 0.00	24.36 0.83 0.00	23.12 0.78 0.00	24.93 0.74 0.00	23.14 0.84 0.00	24.57 1.30 -0.49	20.82 1.02 -0.64	20.52 1.02 0.00	30.04 1.55 -2.28	36.80 2.23 -0.56	52.50 2.96 -12.26	42.52 2.91 0.00	40.95 2.94 0.00	45.61 3.28 0.00	46.76 3.44 0.00	45.93 2.83 0.00	44.83 2.23 0.00	58.70 3.32 0.00	64.46 2.92 0.00	39.18 1.74 0.00	32.92 1.43 0.00
PROJECT___ORANGE 1 24174	33.48 -0.36 0.00	25.91 -0.28 0.00	24.66 -0.29 0.00	23.79 -0.32 0.00	23.23 -0.30 0.00	22.05 -0.29 0.00	23.91 -0.29 0.00	22.02 -0.28 0.00	22.49 -0.29 0.00	18.91 -0.25 0.00	19.26 -0.24 0.00	25.86 -0.35 0.00	33.64 -0.36 0.00	37.03 -0.25 0.00	39.33 -0.28 0.00	37.81 -0.20 0.00	42.22 -0.11 0.00	43.44 0.13 0.00	43.37 0.28 0.00	42.77 0.17 0.00	55.49 0.12 0.00	61.56 0.02 0.00	37.47 0.04 0.00	31.44 -0.05 0.00
PROJECT___ORANGE 2 24166	33.48 -0.36 0.00	25.91 -0.28 0.00	24.66 -0.29 0.00	23.79 -0.32 0.00	23.23 -0.30 0.00	22.05 -0.29 0.00	23.91 -0.29 0.00	22.02 -0.28 0.00	22.49 -0.29 0.00	18.91 -0.25 0.00	19.26 -0.24 0.00	25.86 -0.35 0.00	33.64 -0.36 0.00	37.03 -0.25 0.00	39.33 -0.28 0.00	37.81 -0.20 0.00	42.22 -0.11 0.00	43.44 0.13 0.00	43.37 0.28 0.00	42.77 0.17 0.00	55.49 0.12 0.00	61.56 0.02 0.00	37.47 0.04 0.00	31.44 -0.05 0.00
PUCKETT___SOLAR 323809	34.07 0.24 0.00	26.38 0.19 0.00	25.09 0.13 0.00	24.19 0.08 0.00	23.62 0.09 0.00	22.42 0.08 0.00	24.32 0.12 0.00	22.39 0.09 0.00	22.81 0.04 0.00	19.19 0.02 0.00	19.49 -0.01 0.00	26.31 0.10 0.00	34.29 0.28 0.00	37.77 0.48 0.00	40.00 0.39 0.00	38.47 0.46 0.00	43.22 0.89 0.00	44.68 1.37 0.00	44.70 1.61 0.00	44.15 1.54 0.00	57.19 1.82 0.00	63.32 1.77 0.00	38.50 1.07 0.00	32.27 0.78 0.00
PYRITES___HYD 24023	34.96 1.13 0.00	27.10 0.92 0.00	25.81 0.86 0.00	24.86 0.74 0.00	24.22 0.69 0.00	22.95 0.60 0.00	24.91 0.72 0.00	22.95 0.65 0.00	23.30 0.52 0.00	19.53 0.37 0.00	19.86 0.36 0.00	26.61 0.40 0.00	34.28 0.28 0.00	37.40 0.12 0.00	39.84 0.23 0.00	38.04 0.04 0.00	42.25 -0.08 0.00	42.55 -0.77 0.00	42.79 -0.31 0.00	43.33 0.73 0.00	56.50 1.13 0.00	62.88 1.33 0.00	38.14 0.71 0.00	32.01 0.53 0.00
QUAKERRD_115KV_BK1 80622	32.34 -1.49 0.00	25.11 -1.08 0.00	23.87 -1.08 0.00	22.91 -1.21 0.00	22.39 -1.14 0.00	21.22 -1.13 0.00	23.11 -1.09 0.00	21.22 -1.08 0.00	21.72 -1.06 0.00	18.31 -0.86 0.00	18.80 -0.70 0.00	25.26 -0.95 0.00	32.88 -1.12 0.00	36.23 -1.05 0.00	38.38 -1.23 0.00	36.99 -1.02 0.00	41.45 -0.88 0.00	42.74 -0.57 0.00	42.87 -0.22 0.00	42.20 -0.41 0.00	54.75 -0.62 0.00	60.87 -0.67 0.00	37.11 -0.32 0.00	31.06 -0.43 0.00
QUEENSBRY_115KV_TB8 356137	36.06 2.23 0.00	27.77 1.58 0.00	26.47 1.51 0.00	25.63 1.52 0.00	24.87 1.33 0.00	23.64 1.29 0.00	25.57 1.38 0.00	23.45 1.15 0.00	23.95 1.17 0.00	20.00 0.84 0.00	20.21 0.71 0.00	27.22 1.01 0.00	35.42 1.41 0.00	39.14 1.86 0.00	42.06 2.45 0.00	40.42 2.41 0.00	45.17 2.83 0.00	46.71 3.40 0.00	46.85 3.75 0.00	46.22 3.61 0.00	60.03 4.66 0.00	66.02 4.47 0.00	40.27 2.84 0.00	33.89 2.41 0.00
RAMAPO___LBMP 323565	34.76 0.92 0.00	26.80 0.62 0.00	25.48 0.53 0.00	24.57 0.46 0.00	23.96 0.42 0.00	22.75 0.41 0.00	24.58 0.39 0.00	22.76 0.46 0.00	23.33 0.55 0.00	19.75 0.59 0.00	20.11 0.61 0.00	27.29 1.08 0.00	35.60 1.60 0.00	39.42 2.14 0.00	41.78 2.17 0.00	40.10 2.09 0.00	44.72 2.39 0.00	46.03 2.72 0.00	45.54 2.45 0.00	44.73 2.12 0.00	58.16 2.78 0.00	64.19 2.65 0.00	38.98 1.55 0.00	32.79 1.31 0.00
RANKINE____ 23646	32.41 -1.42 0.00	25.27 -0.92 0.00	24.00 -0.96 0.00	22.89 -1.22 0.00	22.41 -1.12 0.00	21.19 -1.15 0.00	23.20 -1.00 0.00	21.24 -1.06 0.00	21.81 -0.97 0.00	18.45 -0.71 0.00	19.13 -0.37 0.00	25.82 -0.39 0.00	33.56 -0.44 0.00	36.91 -0.37 0.00	38.97 -0.64 0.00	37.51 -0.49 0.00	42.16 -0.16 0.00	43.44 0.13 0.00	43.76 0.67 0.00	42.96 0.35 0.00	55.79 0.41 0.00	62.23 0.69 0.00	38.22 0.79 0.00	31.95 0.47 0.00
RAVENSWOOD_GT2_1 24244	35.14 1.31 0.00	27.11 0.92 0.00	25.77 0.82 0.00	24.85 0.74 0.00	24.23 0.69 0.00	23.00 0.65 0.00	24.83 0.64 0.00	23.02 0.72 0.00	23.60 0.82 0.00	20.02 0.86 0.00	20.38 0.88 0.00	27.65 1.44 0.00	36.06 2.06 0.00	39.90 2.62 0.00	42.25 2.64 0.00	40.63 2.62 0.00	45.24 2.91 0.00	46.55 3.23 0.00	46.00 2.91 0.00	45.12 2.51 0.00	58.71 3.34 0.00	64.80 3.25 0.00	39.41 1.98 0.00	33.16 1.68 0.00



RAVENSWOOD_GT2_2 24245	35.14 1.31 0.00	27.11 0.92 0.00	25.77 0.82 0.00	24.85 0.74 0.00	24.23 0.69 0.00	23.00 0.65 0.00	24.83 0.64 0.00	23.02 0.72 0.00	23.60 0.82 0.00	20.02 0.86 0.00	20.38 0.88 0.00	27.65 1.44 0.00	36.06 2.06 0.00	39.90 2.62 0.00	42.25 2.64 0.00	40.63 2.62 0.00	45.24 2.91 0.00	46.55 3.23 0.00	46.00 2.91 0.00	45.12 2.51 0.00	58.71 3.34 0.00	64.80 3.25 0.00	39.41 1.98 0.00	33.16 1.68 0.00
RAVENSWOOD_GT2_3 24246	35.16 1.33 0.00	27.12 0.94 0.00	25.78 0.83 0.00	24.86 0.75 0.00	24.24 0.70 0.00	23.01 0.67 0.00	24.84 0.65 0.00	23.03 0.73 0.00	23.61 0.83 0.00	20.03 0.87 0.00	20.39 0.89 0.00	27.65 1.45 0.00	36.08 2.08 0.00	39.93 2.65 0.00	42.27 2.66 0.00	40.65 2.64 0.00	45.28 2.95 0.00	46.58 3.27 0.00	46.03 2.93 0.00	45.16 2.55 0.00	58.74 3.37 0.00	64.84 3.29 0.00	39.43 2.00 0.00	33.18 1.70 0.00
RAVENSWOOD_GT2_4 24247	35.16 1.33 0.00	27.12 0.94 0.00	25.78 0.83 0.00	24.86 0.75 0.00	24.24 0.70 0.00	23.01 0.67 0.00	24.84 0.65 0.00	23.03 0.73 0.00	23.61 0.83 0.00	20.03 0.87 0.00	20.39 0.89 0.00	27.65 1.45 0.00	36.08 2.08 0.00	39.93 2.65 0.00	42.27 2.66 0.00	40.65 2.64 0.00	45.28 2.95 0.00	46.58 3.27 0.00	46.03 2.93 0.00	45.16 2.55 0.00	58.74 3.37 0.00	64.84 3.29 0.00	39.43 2.00 0.00	33.18 1.70 0.00
RAVENSWOOD_GT3_1 24248	35.14 1.31 0.00	27.11 0.92 0.00	25.77 0.82 0.00	24.85 0.74 0.00	24.23 0.69 0.00	23.00 0.65 0.00	24.83 0.64 0.00	23.02 0.72 0.00	23.60 0.82 0.00	20.02 0.86 0.00	20.38 0.88 0.00	27.65 1.44 0.00	36.06 2.06 0.00	39.90 2.62 0.00	42.25 2.64 0.00	40.63 2.62 0.00	45.24 2.91 0.00	46.55 3.24 0.00	46.00 2.91 0.00	45.13 2.52 0.00	58.71 3.34 0.00	64.80 3.25 0.00	39.41 1.98 0.00	33.16 1.68 0.00
RAVENSWOOD_GT3_2 24249	35.14 1.31 0.00	27.11 0.92 0.00	25.77 0.82 0.00	24.85 0.74 0.00	24.23 0.69 0.00	23.00 0.65 0.00	24.83 0.64 0.00	23.02 0.72 0.00	23.60 0.82 0.00	20.02 0.86 0.00	20.38 0.88 0.00	27.65 1.44 0.00	36.06 2.06 0.00	39.90 2.62 0.00	42.25 2.64 0.00	40.63 2.62 0.00	45.24 2.91 0.00	46.55 3.24 0.00	46.00 2.91 0.00	45.13 2.52 0.00	58.71 3.34 0.00	64.80 3.25 0.00	39.41 1.98 0.00	33.16 1.68 0.00
RAVENSWOOD_GT3_3 24250	35.20 1.37 0.00	27.15 0.96 0.00	25.81 0.85 0.00	24.89 0.77 0.00	24.26 0.73 0.00	23.03 0.69 0.00	24.87 0.67 0.00	23.06 0.76 0.00	23.63 0.86 0.00	20.05 0.89 0.00	20.42 0.92 0.00	27.70 1.49 0.00	36.14 2.13 0.00	39.98 2.69 0.00	42.33 2.72 0.00	40.70 2.69 0.00	45.33 3.00 0.00	46.65 3.33 0.00	46.09 3.00 0.00	45.21 2.61 0.00	58.82 3.45 0.00	64.92 3.37 0.00	39.49 2.06 0.00	33.23 1.74 0.00
RAVENSWOOD_GT3_4 24251	35.20 1.37 0.00	27.15 0.96 0.00	25.81 0.85 0.00	24.89 0.77 0.00	24.26 0.73 0.00	23.03 0.69 0.00	24.87 0.67 0.00	23.06 0.76 0.00	23.63 0.86 0.00	20.05 0.89 0.00	20.42 0.92 0.00	27.70 1.49 0.00	36.14 2.13 0.00	39.98 2.69 0.00	42.33 2.72 0.00	40.70 2.69 0.00	45.33 3.00 0.00	46.65 3.33 0.00	46.09 3.00 0.00	45.21 2.61 0.00	58.82 3.45 0.00	64.92 3.37 0.00	39.49 2.06 0.00	33.23 1.74 0.00
RAVENSWOOD_GT_1 23729	35.24 1.41 0.00	27.19 1.00 0.00	25.83 0.87 0.00	24.91 0.79 0.00	24.30 0.77 0.00	23.08 0.74 0.00	24.90 0.71 0.00	23.11 0.80 -0.01	23.69 0.91 0.00	20.11 0.94 0.00	20.47 0.97 0.00	27.76 1.55 0.00	36.21 2.21 0.00	40.06 2.78 0.00	42.38 2.77 0.00	40.78 2.77 0.00	45.40 3.07 0.00	46.71 3.40 0.00	46.16 3.07 0.00	45.27 2.67 0.00	58.88 3.50 0.00	64.99 3.45 0.00	39.58 2.15 0.00	67.81 1.81 -34.52
RAVENSWOOD_GT_10 24258	35.14 1.31 0.00	27.11 0.92 0.00	25.77 0.82 0.00	24.85 0.74 0.00	24.23 0.69 0.00	22.99 0.65 0.00	24.83 0.64 0.00	23.01 0.71 0.00	23.59 0.82 0.00	20.02 0.85 0.00	20.38 0.88 0.00	27.65 1.44 0.00	36.05 2.05 0.00	39.90 2.62 0.00	42.25 2.64 0.00	40.62 2.62 0.00	45.24 2.91 0.00	46.55 3.23 0.00	46.00 2.90 0.00	45.12 2.51 0.00	58.71 3.34 0.00	64.79 3.25 0.00	39.41 1.98 0.00	37.14 1.68 -3.98
RAVENSWOOD_GT_11 24259	35.14 1.31 0.00	27.11 0.92 0.00	25.77 0.82 0.00	24.85 0.74 0.00	24.23 0.69 0.00	22.99 0.65 0.00	24.83 0.64 0.00	23.01 0.71 0.00	23.59 0.82 0.00	20.02 0.85 0.00	20.38 0.88 0.00	27.65 1.44 0.00	36.05 2.05 0.00	39.90 2.62 0.00	42.25 2.64 0.00	40.62 2.62 0.00	45.24 2.91 0.00	46.55 3.23 0.00	46.00 2.90 0.00	45.12 2.51 0.00	58.71 3.34 0.00	64.79 3.25 0.00	39.41 1.98 0.00	37.14 1.68 -3.98
RAVENSWOOD_GT_4 24252	35.14 1.31 0.00	27.11 0.92 0.00	25.76 0.81 0.00	24.84 0.73 0.00	24.22 0.69 0.00	22.99 0.65 0.00	24.83 0.63 0.00	23.01 0.71 0.00	23.59 0.81 0.00	20.01 0.85 0.00	20.38 0.88 0.00	27.63 1.42 0.00	36.05 2.04 0.00	39.90 2.61 0.00	42.24 2.64 0.00	40.61 2.60 0.00	45.24 2.91 0.00	46.54 3.22 0.00	45.98 2.89 0.00	45.12 2.51 0.00	58.69 3.31 0.00	64.78 3.23 0.00	39.40 1.97 0.00	59.44 1.67 -26.28
RAVENSWOOD_GT_5 24254	35.14 1.31 0.00	27.11 0.92 0.00	25.76 0.81 0.00	24.84 0.73 0.00	24.22 0.69 0.00	22.99 0.65 0.00	24.83 0.63 0.00	23.01 0.71 0.00	23.59 0.81 0.00	20.01 0.85 0.00	20.38 0.88 0.00	27.63 1.42 0.00	36.05 2.04 0.00	39.90 2.61 0.00	42.24 2.64 0.00	40.61 2.60 0.00	45.24 2.91 0.00	46.54 3.22 0.00	45.98 2.89 0.00	45.12 2.51 0.00	58.69 3.31 0.00	64.78 3.23 0.00	39.40 1.97 0.00	59.44 1.67 -26.28
RAVENSWOOD_GT_6 24253	35.14 1.31 0.00	27.11 0.92 0.00	25.76 0.81 0.00	24.84 0.73 0.00	24.22 0.69 0.00	22.99 0.65 0.00	24.83 0.63 0.00	23.01 0.71 0.00	23.59 0.81 0.00	20.01 0.85 0.00	20.38 0.88 0.00	27.63 1.42 0.00	36.05 2.04 0.00	39.90 2.61 0.00	42.24 2.64 0.00	40.61 2.60 0.00	45.24 2.91 0.00	46.54 3.22 0.00	45.98 2.89 0.00	45.12 2.51 0.00	58.69 3.31 0.00	64.78 3.23 0.00	39.40 1.97 0.00	59.44 1.67 -26.28
RAVENSWOOD_GT_7 24255	35.14 1.31 0.00	27.11 0.92 0.00	25.76 0.81 0.00	24.84 0.73 0.00	24.22 0.69 0.00	22.99 0.65 0.00	24.83 0.63 0.00	23.01 0.71 0.00	23.59 0.81 0.00	20.01 0.85 0.00	20.38 0.88 0.00	27.63 1.42 0.00	36.05 2.04 0.00	39.90 2.61 0.00	42.24 2.64 0.00	40.61 2.60 0.00	45.24 2.91 0.00	46.54 3.22 0.00	45.98 2.89 0.00	45.12 2.51 0.00	58.69 3.31 0.00	64.78 3.23 0.00	39.40 1.97 0.00	59.44 1.67 -26.28
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	35.14 1.31 0.00	27.11 0.92 0.00	25.77 0.82 0.00	24.85 0.74 0.00	24.23 0.69 0.00	22.99 0.65 0.00	24.83 0.64 0.00	23.01 0.71 0.00	23.59 0.82 0.00	20.02 0.85 0.00	20.38 0.88 0.00	27.65 1.44 0.00	36.05 2.05 0.00	39.90 2.62 0.00	42.25 2.64 0.00	40.62 2.62 0.00	45.24 2.91 0.00	46.55 3.23 0.00	46.00 2.90 0.00	45.12 2.51 0.00	58.71 3.34 0.00	64.79 3.25 0.00	39.41 1.98 0.00	37.14 1.68 -3.98

RAVENSWOOD_GT_9 24257	35.14 1.31 0.00	27.11 0.92 0.00	25.77 0.82 0.00	24.85 0.74 0.00	24.23 0.69 0.00	22.99 0.65 0.00	24.83 0.64 0.00	23.01 0.71 0.00	23.59 0.82 0.00	20.02 0.85 0.00	20.38 0.88 0.00	27.65 1.44 0.00	36.05 2.05 0.00	39.90 2.62 0.00	42.25 2.64 0.00	40.62 2.62 0.00	45.24 2.91 0.00	46.55 3.23 0.00	46.00 2.90 0.00	45.12 2.51 0.00	58.71 3.34 0.00	64.79 3.25 0.00	39.41 1.98 0.00	37.14 1.68 -3.98
RAVENSWOOD___1 23533	35.17 1.34 0.00	27.14 0.95 0.00	25.80 0.85 0.00	24.90 0.79 0.00	24.26 0.72 0.00	23.04 0.69 0.00	24.85 0.65 0.00	23.06 0.75 -0.01	23.63 0.86 0.00	20.06 0.89 0.00	20.44 0.93 0.00	27.70 1.49 0.00	36.14 2.13 0.00	39.98 2.70 0.00	42.32 2.71 0.00	40.72 2.71 0.00	45.33 3.00 0.00	46.65 3.34 0.00	46.09 3.00 0.00	45.20 2.59 0.00	58.79 3.42 0.00	64.90 3.36 0.00	39.49 2.06 0.00	-0.77 1.74 33.99
RAVENSWOOD___2 23534	35.17 1.34 0.00	27.14 0.95 0.00	25.80 0.85 0.00	24.90 0.79 0.00	24.26 0.72 0.00	23.04 0.69 0.00	24.85 0.65 0.00	23.06 0.75 -0.01	23.63 0.86 0.00	20.06 0.89 0.00	20.44 0.93 0.00	27.70 1.49 0.00	36.14 2.13 0.00	39.98 2.70 0.00	42.32 2.71 0.00	40.72 2.71 0.00	45.33 3.00 0.00	46.65 3.34 0.00	46.09 3.00 0.00	45.20 2.59 0.00	58.79 3.42 0.00	64.90 3.36 0.00	39.49 2.06 0.00	-0.77 1.74 33.99
RAVENSWOOD___3 23535	35.14 1.31 0.00	27.11 0.92 0.00	25.77 0.81 0.00	24.85 0.74 0.00	24.22 0.69 0.00	23.00 0.66 0.00	24.83 0.64 0.00	23.02 0.72 0.00	23.60 0.82 0.00	20.02 0.86 0.00	20.39 0.89 0.00	27.65 1.44 0.00	36.06 2.06 0.00	39.91 2.62 0.00	42.25 2.64 0.00	40.63 2.63 0.00	45.24 2.91 0.00	46.56 3.25 0.00	46.00 2.91 0.00	45.13 2.52 0.00	58.71 3.34 0.00	64.80 3.25 0.00	39.41 1.98 0.00	33.17 1.68 0.00
RAVENSWOOD___4 23820	35.17 1.34 0.00	27.14 0.95 0.00	25.80 0.85 0.00	24.90 0.79 0.00	24.26 0.72 0.00	23.04 0.69 0.00	24.85 0.65 0.00	23.06 0.75 -0.01	23.63 0.86 0.00	20.06 0.89 0.00	20.44 0.93 0.00	27.70 1.49 0.00	36.14 2.13 0.00	39.98 2.70 0.00	42.32 2.71 0.00	40.72 2.71 0.00	45.33 3.00 0.00	46.65 3.34 0.00	46.09 3.00 0.00	45.20 2.59 0.00	58.79 3.42 0.00	64.90 3.36 0.00	39.49 2.06 0.00	-0.77 1.74 33.99
RCPL_TRUST___DRP 24196	35.14 1.31 0.00	27.11 0.92 0.00	25.77 0.82 0.00	24.85 0.74 0.00	24.22 0.69 0.00	22.98 0.64 0.00	24.81 0.61 0.00	22.99 0.69 0.00	23.58 0.80 0.00	20.00 0.84 0.00	20.37 0.87 0.00	27.63 1.42 0.00	36.04 2.04 0.00	39.89 2.61 0.00	42.23 2.62 0.00	40.62 2.61 0.00	45.24 2.91 0.00	46.55 3.23 0.00	45.97 2.87 0.00	45.08 2.48 0.00	58.65 3.28 0.00	64.75 3.20 0.00	39.37 1.94 0.00	33.13 1.65 0.00
RED___ROCHESTER 323720	33.07 -0.76 0.00	25.69 -0.50 0.00	24.39 -0.56 0.00	23.37 -0.75 0.00	22.85 -0.68 0.00	21.64 -0.71 0.00	23.59 -0.61 0.00	21.65 -0.65 0.00	22.17 -0.61 0.00	18.69 -0.47 0.00	19.26 -0.24 0.00	25.91 -0.30 0.00	33.75 -0.25 0.00	37.22 -0.06 0.00	39.43 -0.18 0.00	38.01 0.00 0.00	42.66 0.33 0.00	44.05 0.73 0.00	44.26 1.16 0.00	43.52 0.92 0.00	56.46 1.08 0.00	62.78 1.24 0.00	38.29 0.86 0.00	31.99 0.51 0.00
REGAN___SOLAR 323812	35.77 1.93 0.00	27.65 1.46 0.00	26.31 1.36 0.00	25.38 1.26 0.00	24.76 1.22 0.00	23.50 1.16 0.00	25.48 1.28 0.00	23.48 1.18 0.00	23.75 0.97 0.00	19.60 0.44 0.00	19.66 0.16 0.00	26.15 -0.06 0.00	34.04 0.03 0.00	37.54 0.25 0.00	40.38 0.77 0.00	38.58 0.57 0.00	43.38 1.05 0.00	45.18 1.87 0.00	45.76 2.67 0.00	45.86 3.25 0.00	59.72 4.34 0.00	66.16 4.61 0.00	40.13 2.70 0.00	33.64 2.16 0.00
RENSSELAER___COGEN 23796	33.84 0.00 0.00	26.15 -0.03 0.00	25.05 0.10 0.00	24.40 0.29 0.00	23.82 0.28 0.00	22.63 0.29 0.00	24.45 0.25 0.00	22.55 0.25 0.00	23.00 0.23 0.00	19.24 0.08 0.00	19.54 0.03 0.00	26.19 -0.02 0.00	34.05 0.05 0.00	37.56 0.27 0.00	39.99 0.39 0.00	38.38 0.37 0.00	42.65 0.31 0.00	43.85 0.54 0.00	43.62 0.53 0.00	43.04 0.43 0.00	55.96 0.58 0.00	61.89 0.34 0.00	37.59 0.16 0.00	31.68 0.19 0.00
REPUBLIC_115KV_BARTNBRK 55605	37.61 3.78 0.00	28.89 2.70 0.00	27.47 2.52 0.00	26.61 2.49 0.00	25.95 2.42 0.00	24.69 2.35 0.00	26.81 2.62 0.00	24.62 2.32 0.00	25.07 2.29 0.00	20.89 1.73 0.00	20.94 1.43 0.00	28.28 2.08 0.00	36.74 2.74 0.00	40.64 3.36 0.00	43.93 4.32 0.00	42.12 4.11 0.00	47.14 4.81 0.00	49.02 5.71 0.00	49.49 6.40 0.00	48.96 6.36 0.00	63.75 8.38 0.00	69.72 8.17 0.00	42.39 4.96 0.00	35.80 4.32 0.00
REVERE_CPFR_DRP 24186	34.65 0.82 0.00	26.79 0.60 0.00	25.47 0.52 0.00	24.61 0.50 0.00	24.03 0.49 0.00	22.81 0.46 0.00	24.73 0.53 0.00	22.78 0.48 0.00	23.15 0.37 0.00	19.42 0.26 0.00	19.71 0.20 0.00	26.49 0.28 0.00	34.45 0.45 0.00	37.94 0.66 0.00	40.38 0.77 0.00	38.84 0.83 0.00	43.47 1.14 0.00	44.87 1.55 0.00	45.04 1.95 0.00	44.65 2.05 0.00	58.05 2.67 0.00	64.23 2.68 0.00	38.91 1.48 0.00	32.59 1.10 0.00
REYNOLDS_115KV_TB3 80639	34.08 0.25 0.00	26.35 0.16 0.00	25.25 0.29 0.00	24.55 0.44 0.00	23.96 0.43 0.00	22.77 0.43 0.00	24.58 0.39 0.00	22.65 0.35 0.00	23.12 0.34 0.00	19.36 0.20 0.00	19.65 0.15 0.00	26.38 0.17 0.00	34.28 0.28 0.00	37.80 0.51 0.00	40.27 0.66 0.00	38.62 0.61 0.00	42.85 0.52 0.00	44.08 0.76 0.00	43.85 0.76 0.00	43.27 0.66 0.00	56.24 0.87 0.00	62.23 0.68 0.00	37.81 0.38 0.00	31.89 0.41 0.00
RIVERBAY____ 323610	35.11 1.28 0.00	27.17 0.98 0.00	25.83 0.88 0.00	24.93 0.82 0.00	24.29 0.76 0.00	23.06 0.72 0.00	24.87 0.68 0.00	23.06 0.76 -0.01	23.61 0.84 0.00	20.03 0.87 0.00	20.39 0.88 0.00	27.71 1.50 0.00	36.17 2.16 0.00	40.00 2.71 0.00	42.36 2.75 0.00	40.80 2.80 0.00	45.40 3.07 0.00	46.67 3.36 0.00	46.09 2.99 0.00	45.24 2.63 0.00	58.93 3.56 0.00	64.98 3.44 0.00	39.68 2.25 0.00	33.33 1.84 0.00
RIVERSIDE_115KV_TB3 55908	33.99 0.15 0.00	26.27 0.08 0.00	25.17 0.21 0.00	24.51 0.39 0.00	23.91 0.38 0.00	22.72 0.38 0.00	24.54 0.34 0.00	22.62 0.32 0.00	23.08 0.31 0.00	19.31 0.15 0.00	19.61 0.11 0.00	26.30 0.09 0.00	34.20 0.20 0.00	37.72 0.44 0.00	40.19 0.58 0.00	38.56 0.55 0.00	42.82 0.49 0.00	44.04 0.73 0.00	43.82 0.72 0.00	43.23 0.62 0.00	56.19 0.81 0.00	62.16 0.61 0.00	37.74 0.32 0.00	31.82 0.33 0.00
ROARING___BROOK_WT_PWR 323790	33.91 0.08 0.00	26.26 0.07 0.00	25.00 0.05 0.00	24.17 0.06 0.00	23.59 0.06 0.00	22.39 0.05 0.00	24.27 0.07 0.00	22.37 0.07 0.00	22.84 0.06 0.00	19.21 0.05 0.00	19.58 0.08 0.00	26.29 0.08 0.00	34.03 0.02 0.00	37.18 -0.10 0.00	39.51 -0.10 0.00	37.86 -0.15 0.00	42.11 -0.21 0.00	42.88 -0.44 0.00	42.67 -0.43 0.00	42.35 -0.25 0.00	55.05 -0.32 0.00	61.29 -0.26 0.00	37.28 -0.15 0.00	31.36 -0.12 0.00

ROCHESRG_115KV_T4 355643	32.72 -1.11 0.00	25.43 -0.76 0.00	24.17 -0.79 0.00	23.17 -0.95 0.00	22.65 -0.89 0.00	21.45 -0.90 0.00	23.39 -0.81 0.00	21.46 -0.84 0.00	21.97 -0.81 0.00	18.53 -0.63 0.00	19.07 -0.44 0.00	25.63 -0.57 0.00	33.35 -0.65 0.00	36.74 -0.54 0.00	38.90 -0.71 0.00	37.46 -0.55 0.00	42.01 -0.32 0.00	43.31 0.00 0.00	43.50 0.41 0.00	42.80 0.19 0.00	55.58 0.21 0.00	61.85 0.30 0.00	37.76 0.33 0.00	31.59 0.11 0.00
ROCHESTER_9_IC 23652	32.90 -0.93 0.00	25.57 -0.62 0.00	24.29 -0.66 0.00	23.27 -0.85 0.00	22.76 -0.77 0.00	21.55 -0.79 0.00	23.49 -0.70 0.00	21.56 -0.74 0.00	22.08 -0.70 0.00	18.61 -0.55 0.00	19.16 -0.34 0.00	25.77 -0.44 0.00	33.56 -0.45 0.00	36.99 -0.30 0.00	39.17 -0.44 0.00	37.74 -0.27 0.00	42.34 0.01 0.00	43.68 0.37 0.00	43.88 0.79 0.00	43.18 0.57 0.00	56.03 0.65 0.00	62.34 0.79 0.00	38.04 0.60 0.00	31.81 0.32 0.00
ROCKVIEW_13_KV_LD 356306	35.22 1.39 0.00	27.15 0.96 0.00	25.81 0.86 0.00	24.89 0.78 0.00	24.26 0.73 0.00	23.04 0.69 0.00	24.87 0.68 0.00	23.04 0.74 0.00	23.61 0.83 0.00	20.01 0.85 0.00	20.38 0.88 0.00	27.65 1.44 0.00	36.06 2.06 0.00	39.92 2.64 0.00	42.29 2.68 0.00	40.65 2.64 0.00	45.30 2.97 0.00	46.61 3.29 0.00	46.07 2.98 0.00	45.25 2.64 0.00	58.80 3.43 0.00	64.88 3.33 0.00	39.44 2.02 0.00	33.19 1.71 0.00
ROME____115KV_TB2 80656	34.65 0.82 0.00	26.79 0.60 0.00	25.47 0.52 0.00	24.61 0.50 0.00	24.03 0.49 0.00	22.81 0.46 0.00	24.73 0.53 0.00	22.78 0.48 0.00	23.15 0.37 0.00	19.42 0.26 0.00	19.71 0.20 0.00	26.49 0.28 0.00	34.45 0.45 0.00	37.94 0.66 0.00	40.38 0.77 0.00	38.84 0.83 0.00	43.47 1.14 0.00	44.87 1.55 0.00	45.04 1.95 0.00	44.65 2.05 0.00	58.05 2.67 0.00	64.23 2.68 0.00	38.91 1.48 0.00	32.59 1.10 0.00
ROSETON___1 23587	34.66 0.83 0.00	26.74 0.55 0.00	25.44 0.49 0.00	24.57 0.46 0.00	23.96 0.43 0.00	22.76 0.41 0.00	24.59 0.39 0.00	22.75 0.45 0.00	23.31 0.53 0.00	19.70 0.54 0.00	20.05 0.55 0.00	27.15 0.94 0.00	35.37 1.37 0.00	39.12 1.84 0.00	41.50 1.89 0.00	39.86 1.85 0.00	44.39 2.07 0.00	45.68 2.37 0.00	45.25 2.15 0.00	44.46 1.86 0.00	57.81 2.43 0.00	63.83 2.29 0.00	38.78 1.35 0.00	32.64 1.16 0.00
ROSETON___2 23588	34.66 0.83 0.00	26.74 0.55 0.00	25.44 0.49 0.00	24.57 0.46 0.00	23.96 0.43 0.00	22.76 0.41 0.00	24.59 0.39 0.00	22.75 0.45 0.00	23.31 0.53 0.00	19.70 0.54 0.00	20.05 0.55 0.00	27.15 0.94 0.00	35.37 1.37 0.00	39.12 1.84 0.00	41.50 1.89 0.00	39.86 1.85 0.00	44.39 2.07 0.00	45.68 2.37 0.00	45.25 2.15 0.00	44.46 1.86 0.00	57.81 2.43 0.00	63.83 2.29 0.00	38.78 1.35 0.00	32.64 1.16 0.00
ROTRRDAM_115KV_TB3 80664	34.43 0.60 0.00	26.61 0.43 0.00	25.38 0.43 0.00	24.57 0.46 0.00	23.96 0.43 0.00	22.76 0.42 0.00	24.61 0.41 0.00	22.68 0.38 0.00	23.15 0.37 0.00	19.43 0.27 0.00	19.73 0.23 0.00	26.52 0.31 0.00	34.46 0.46 0.00	37.98 0.70 0.00	40.43 0.82 0.00	38.82 0.82 0.00	43.25 0.92 0.00	44.49 1.18 0.00	44.33 1.24 0.00	43.79 1.18 0.00	56.94 1.56 0.00	63.02 1.47 0.00	38.31 0.87 0.00	32.25 0.76 0.00
RUSSELL___1 23602	33.07 -0.76 0.00	25.69 -0.50 0.00	24.39 -0.56 0.00	23.37 -0.75 0.00	22.85 -0.68 0.00	21.64 -0.71 0.00	23.59 -0.61 0.00	21.65 -0.65 0.00	22.17 -0.61 0.00	18.69 -0.47 0.00	19.26 -0.24 0.00	25.90 -0.30 0.00	33.74 -0.26 0.00	37.22 -0.06 0.00	39.43 -0.18 0.00	38.01 0.00 0.00	42.66 0.33 0.00	44.05 0.73 0.00	44.26 1.16 0.00	43.52 0.91 0.00	56.47 1.09 0.00	62.77 1.23 0.00	38.29 0.86 0.00	31.99 0.51 0.00
RUSSELL___2 23532	33.07 -0.76 0.00	25.69 -0.50 0.00	24.39 -0.56 0.00	23.37 -0.75 0.00	22.85 -0.68 0.00	21.64 -0.71 0.00	23.59 -0.61 0.00	21.65 -0.65 0.00	22.17 -0.61 0.00	18.69 -0.47 0.00	19.26 -0.24 0.00	25.90 -0.30 0.00	33.74 -0.26 0.00	37.22 -0.06 0.00	39.43 -0.18 0.00	38.01 0.00 0.00	42.66 0.33 0.00	44.05 0.73 0.00	44.26 1.16 0.00	43.52 0.91 0.00	56.47 1.09 0.00	62.77 1.23 0.00	38.29 0.86 0.00	31.99 0.51 0.00
RUSSELL___3 23549	33.07 -0.76 0.00	25.69 -0.50 0.00	24.39 -0.56 0.00	23.37 -0.75 0.00	22.85 -0.68 0.00	21.64 -0.71 0.00	23.59 -0.61 0.00	21.65 -0.65 0.00	22.17 -0.61 0.00	18.69 -0.47 0.00	19.26 -0.24 0.00	25.90 -0.30 0.00	33.74 -0.26 0.00	37.22 -0.06 0.00	39.43 -0.18 0.00	38.01 0.00 0.00	42.66 0.33 0.00	44.05 0.73 0.00	44.26 1.16 0.00	43.52 0.91 0.00	56.47 1.09 0.00	62.77 1.23 0.00	38.29 0.86 0.00	31.99 0.51 0.00
RUSSELL___4 23556	33.07 -0.76 0.00	25.69 -0.50 0.00	24.39 -0.56 0.00	23.37 -0.75 0.00	22.85 -0.68 0.00	21.64 -0.71 0.00	23.59 -0.61 0.00	21.65 -0.65 0.00	22.17 -0.61 0.00	18.69 -0.47 0.00	19.26 -0.24 0.00	25.90 -0.30 0.00	33.74 -0.26 0.00	37.22 -0.06 0.00	39.43 -0.18 0.00	38.01 0.00 0.00	42.66 0.33 0.00	44.05 0.73 0.00	44.26 1.16 0.00	43.52 0.91 0.00	56.47 1.09 0.00	62.77 1.23 0.00	38.29 0.86 0.00	31.99 0.51 0.00
RUSSELL___STATION 23914	33.07 -0.76 0.00	25.69 -0.50 0.00	24.39 -0.56 0.00	23.37 -0.75 0.00	22.85 -0.68 0.00	21.64 -0.71 0.00	23.59 -0.61 0.00	21.65 -0.65 0.00	22.17 -0.61 0.00	18.69 -0.47 0.00	19.26 -0.24 0.00	25.90 -0.30 0.00	33.74 -0.26 0.00	37.22 -0.06 0.00	39.43 -0.18 0.00	38.01 0.00 0.00	42.66 0.33 0.00	44.05 0.73 0.00	44.26 1.16 0.00	43.52 0.91 0.00	56.47 1.09 0.00	62.77 1.23 0.00	38.29 0.86 0.00	31.99 0.51 0.00
S SALMON___HYD 24043	33.27 -0.56 0.00	25.73 -0.45 0.00	24.45 -0.51 0.00	23.63 -0.48 0.00	23.08 -0.45 0.00	21.91 -0.43 0.00	23.76 -0.44 0.00	21.87 -0.43 0.00	22.27 -0.50 0.00	18.67 -0.49 0.00	18.96 -0.55 0.00	25.41 -0.80 0.00	33.03 -0.98 0.00	36.38 -0.91 0.00	38.64 -0.97 0.00	37.12 -0.89 0.00	41.51 -0.82 0.00	42.78 -0.54 0.00	42.91 -0.18 0.00	42.56 -0.05 0.00	55.54 0.16 0.00	61.58 0.03 0.00	37.40 -0.03 0.00	31.33 -0.16 0.00
S.PERRY__115KV_TB1 80734	33.82 -0.01 0.00	26.25 0.07 0.00	24.93 -0.03 0.00	23.86 -0.25 0.00	23.35 -0.19 0.00	22.10 -0.24 0.00	24.13 -0.07 0.00	22.12 -0.18 0.00	22.51 -0.27 0.00	18.86 -0.30 0.00	19.42 -0.08 0.00	26.22 0.01 0.00	34.17 0.17 0.00	37.61 0.33 0.00	39.80 0.19 0.00	38.32 0.31 0.00	43.09 0.76 0.00	44.53 1.22 0.00	45.06 1.96 0.00	44.64 2.03 0.00	58.24 2.86 0.00	64.68 3.14 0.00	39.44 2.02 0.00	32.88 1.40 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	32.05 -1.78 0.00	25.01 -1.18 0.00	23.75 -1.20 0.00	22.66 -1.46 0.00	22.18 -1.35 0.00	20.96 -1.38 0.00	22.96 -1.23 0.00	21.01 -1.29 0.00	21.58 -1.20 0.00	18.26 -0.90 0.00	18.93 -0.57 0.00	25.52 -0.70 0.00	33.12 -0.89 0.00	36.41 -0.87 0.00	38.42 -1.18 0.00	37.00 -1.01 0.00	41.52 -0.81 0.00	42.79 -0.52 0.00	43.12 0.03 0.00	42.35 -0.26 0.00	55.03 -0.34 0.00	61.49 -0.06 0.00	37.81 0.38 0.00	31.62 0.13 0.00

SAWYER___23_KV_LOAD 55526	32.05 -1.78 0.00	25.01 -1.18 0.00	23.75 -1.20 0.00	22.66 -1.46 0.00	22.18 -1.35 0.00	20.96 -1.38 0.00	22.96 -1.23 0.00	21.01 -1.29 0.00	21.58 -1.20 0.00	18.26 -0.90 0.00	18.93 -0.57 0.00	25.52 -0.70 0.00	33.12 -0.89 0.00	36.41 -0.87 0.00	38.42 -1.18 0.00	37.00 -1.01 0.00	41.52 -0.81 0.00	42.79 -0.52 0.00	43.12 0.03 0.00	42.35 -0.26 0.00	55.03 -0.34 0.00	61.49 -0.06 0.00	37.81 0.38 0.00	31.62 0.13 0.00
SELKIRK___I 23801	34.23 0.40 0.00	26.47 0.28 0.00	25.33 0.38 0.00	24.62 0.51 0.00	24.04 0.51 0.00	22.84 0.50 0.00	24.69 0.49 0.00	22.76 0.46 0.00	23.18 0.41 0.00	19.39 0.23 0.00	19.66 0.15 0.00	26.36 0.16 0.00	34.24 0.24 0.00	37.75 0.46 0.00	40.19 0.58 0.00	38.60 0.59 0.00	42.94 0.61 0.00	44.14 0.83 0.00	43.99 0.89 0.00	43.43 0.82 0.00	56.49 1.11 0.00	62.52 0.98 0.00	38.00 0.57 0.00	32.00 0.51 0.00
SELKIRK___II 23799	33.99 0.16 0.00	26.27 0.08 0.00	25.13 0.17 0.00	24.43 0.31 0.00	23.84 0.30 0.00	22.64 0.30 0.00	24.47 0.28 0.00	22.57 0.27 0.00	23.03 0.25 0.00	19.31 0.14 0.00	19.61 0.10 0.00	26.32 0.11 0.00	34.22 0.21 0.00	37.73 0.45 0.00	40.15 0.55 0.00	38.54 0.53 0.00	42.84 0.51 0.00	44.03 0.72 0.00	43.79 0.70 0.00	43.19 0.59 0.00	56.18 0.81 0.00	62.17 0.62 0.00	37.77 0.34 0.00	31.82 0.34 0.00
SENECA OSWGO___HYD 24041	33.15 -0.68 0.00	25.67 -0.52 0.00	24.42 -0.53 0.00	23.57 -0.54 0.00	23.02 -0.51 0.00	21.85 -0.49 0.00	23.68 -0.51 0.00	21.82 -0.48 0.00	22.28 -0.49 0.00	18.72 -0.44 0.00	19.03 -0.47 0.00	25.51 -0.69 0.00	33.17 -0.84 0.00	36.48 -0.80 0.00	38.77 -0.84 0.00	37.26 -0.75 0.00	41.64 -0.69 0.00	42.80 -0.51 0.00	42.78 -0.31 0.00	42.24 -0.37 0.00	54.84 -0.53 0.00	60.86 -0.69 0.00	37.00 -0.43 0.00	31.06 -0.42 0.00
SENECA___115KV_TB3 355854	32.46 -1.38 0.00	25.31 -0.88 0.00	24.04 -0.91 0.00	22.93 -1.18 0.00	22.44 -1.09 0.00	21.22 -1.13 0.00	23.23 -0.97 0.00	21.27 -1.03 0.00	21.83 -0.94 0.00	18.48 -0.69 0.00	19.16 -0.34 0.00	25.86 -0.35 0.00	33.61 -0.39 0.00	36.98 -0.31 0.00	39.04 -0.57 0.00	37.59 -0.42 0.00	42.24 -0.09 0.00	43.53 0.21 0.00	43.84 0.75 0.00	43.04 0.44 0.00	55.90 0.52 0.00	62.33 0.79 0.00	38.29 0.85 0.00	32.01 0.52 0.00
SENECA___ENERGY 23797	33.27 -0.56 0.00	25.82 -0.37 0.00	24.55 -0.41 0.00	23.62 -0.49 0.00	23.06 -0.47 0.00	21.87 -0.47 0.00	23.77 -0.43 0.00	21.87 -0.43 0.00	22.33 -0.44 0.00	18.77 -0.39 0.00	19.16 -0.34 0.00	25.80 -0.41 0.00	33.63 -0.37 0.00	37.05 -0.24 0.00	39.20 -0.41 0.00	37.80 -0.21 0.00	42.42 0.09 0.00	43.78 0.46 0.00	43.86 0.77 0.00	43.33 0.73 0.00	56.11 0.74 0.00	62.24 0.69 0.00	37.80 0.37 0.00	31.71 0.23 0.00
SHOEMAKER___GT 23640	34.57 0.74 0.00	26.69 0.50 0.00	25.39 0.44 0.00	24.51 0.40 0.00	23.90 0.37 0.00	22.70 0.35 0.00	24.54 0.35 0.00	22.68 0.38 0.00	23.22 0.45 0.00	19.59 0.43 0.00	19.94 0.44 0.00	26.97 0.76 0.00	35.14 1.13 0.00	38.86 1.57 0.00	41.23 1.63 0.00	39.64 1.64 0.00	44.20 1.87 0.00	45.51 2.20 0.00	45.14 2.04 0.00	44.41 1.81 0.00	57.74 2.37 0.00	63.78 2.23 0.00	38.72 1.29 0.00	32.56 1.08 0.00
SHOEMAKR_138KV_BK 111 55601	34.56 0.73 0.00	26.68 0.49 0.00	25.38 0.43 0.00	24.50 0.39 0.00	23.89 0.36 0.00	22.69 0.34 0.00	24.53 0.33 0.00	22.68 0.38 0.00	23.22 0.44 0.00	19.60 0.44 0.00	19.95 0.45 0.00	27.00 0.79 0.00	35.18 1.18 0.00	38.90 1.61 0.00	41.28 1.67 0.00	39.67 1.66 0.00	44.23 1.90 0.00	45.53 2.22 0.00	45.14 2.05 0.00	44.40 1.80 0.00	57.72 2.35 0.00	63.76 2.22 0.00	38.71 1.28 0.00	32.56 1.08 0.00
SHOREHAM_IC_1 23715	35.39 1.55 0.00	29.31 1.22 -1.91	26.03 1.07 0.00	24.99 0.88 0.00	24.36 0.83 0.00	23.12 0.78 0.00	24.93 0.74 0.00	23.14 0.84 0.00	24.57 1.30 -0.49	20.82 1.02 -0.64	20.52 1.02 0.00	30.04 1.55 -2.28	36.80 2.23 -0.56	52.50 2.96 -12.26	42.52 2.91 0.00	40.95 2.94 0.00	45.61 3.28 0.00	46.76 3.44 0.00	45.93 2.83 0.00	44.83 2.23 0.00	58.70 3.32 0.00	64.46 2.92 0.00	39.18 1.74 0.00	32.92 1.43 0.00
SHOREHAM_IC_2 23716	35.39 1.55 0.00	29.31 1.22 -1.91	26.03 1.07 0.00	24.99 0.88 0.00	24.36 0.83 0.00	23.12 0.78 0.00	24.93 0.74 0.00	23.14 0.84 0.00	24.57 1.30 -0.49	20.82 1.02 -0.64	20.52 1.02 0.00	30.04 1.55 -2.28	36.80 2.23 -0.56	52.50 2.96 -12.26	42.52 2.91 0.00	40.95 2.94 0.00	45.61 3.28 0.00	46.76 3.44 0.00	45.93 2.83 0.00	44.83 2.23 0.00	58.70 3.32 0.00	64.46 2.92 0.00	39.18 1.74 0.00	32.92 1.43 0.00
SISSONVILLE____ 23735	34.34 0.51 0.00	26.62 0.43 0.00	25.37 0.42 0.00	24.44 0.32 0.00	23.79 0.26 0.00	22.52 0.17 0.00	24.44 0.24 0.00	22.53 0.23 0.00	22.94 0.16 0.00	19.30 0.14 0.00	19.67 0.16 0.00	26.35 0.14 0.00	33.94 -0.07 0.00	37.08 -0.20 0.00	39.45 -0.16 0.00	37.63 -0.38 0.00	41.81 -0.52 0.00	42.01 -1.31 0.00	42.13 -0.97 0.00	42.38 -0.22 0.00	55.21 -0.16 0.00	61.47 -0.08 0.00	37.32 -0.11 0.00	31.34 -0.14 0.00
SITHE_IND_GS1 24169	32.92 -0.91 0.00	25.51 -0.68 0.00	24.29 -0.67 0.00	23.45 -0.67 0.00	22.90 -0.64 0.00	21.73 -0.61 0.00	23.55 -0.64 0.00	21.69 -0.60 0.00	22.16 -0.61 0.00	18.63 -0.53 0.00	18.93 -0.57 0.00	25.35 -0.86 0.00	32.94 -1.07 0.00	36.21 -1.07 0.00	38.46 -1.15 0.00	36.93 -1.07 0.00	41.22 -1.11 0.00	42.32 -0.99 0.00	42.21 -0.88 0.00	41.68 -0.92 0.00	54.11 -1.26 0.00	60.10 -1.45 0.00	36.56 -0.87 0.00	30.73 -0.76 0.00
SITHE_IND_GS2 24170	32.92 -0.91 0.00	25.51 -0.68 0.00	24.29 -0.67 0.00	23.45 -0.67 0.00	22.90 -0.64 0.00	21.73 -0.61 0.00	23.55 -0.64 0.00	21.69 -0.60 0.00	22.16 -0.61 0.00	18.63 -0.53 0.00	18.93 -0.57 0.00	25.35 -0.86 0.00	32.94 -1.07 0.00	36.21 -1.07 0.00	38.46 -1.15 0.00	36.93 -1.07 0.00	41.22 -1.11 0.00	42.32 -0.99 0.00	42.21 -0.88 0.00	41.68 -0.92 0.00	54.11 -1.26 0.00	60.10 -1.45 0.00	36.56 -0.87 0.00	30.73 -0.76 0.00
SITHE_IND_GS3 24171	32.92 -0.91 0.00	25.51 -0.68 0.00	24.29 -0.67 0.00	23.45 -0.67 0.00	22.90 -0.64 0.00	21.73 -0.61 0.00	23.55 -0.64 0.00	21.69 -0.60 0.00	22.16 -0.61 0.00	18.63 -0.53 0.00	18.93 -0.57 0.00	25.35 -0.86 0.00	32.94 -1.07 0.00	36.21 -1.07 0.00	38.46 -1.15 0.00	36.93 -1.07 0.00	41.22 -1.11 0.00	42.32 -0.99 0.00	42.21 -0.88 0.00	41.68 -0.92 0.00	54.11 -1.26 0.00	60.10 -1.45 0.00	36.56 -0.87 0.00	30.73 -0.76 0.00
SITHE_IND_GS4 24172	32.92 -0.91 0.00	25.51 -0.68 0.00	24.29 -0.67 0.00	23.45 -0.67 0.00	22.90 -0.64 0.00	21.73 -0.61 0.00	23.55 -0.64 0.00	21.69 -0.60 0.00	22.16 -0.61 0.00	18.63 -0.53 0.00	18.93 -0.57 0.00	25.35 -0.86 0.00	32.94 -1.07 0.00	36.21 -1.07 0.00	38.46 -1.15 0.00	36.93 -1.07 0.00	41.22 -1.11 0.00	42.32 -0.99 0.00	42.21 -0.88 0.00	41.68 -0.92 0.00	54.11 -1.26 0.00	60.10 -1.45 0.00	36.56 -0.87 0.00	30.73 -0.76 0.00

SITHE___BATAVIA 24024	33.01 -0.83 0.00	25.70 -0.49 0.00	24.39 -0.57 0.00	23.27 -0.84 0.00	22.78 -0.75 0.00	21.55 -0.79 0.00	23.58 -0.61 0.00	21.59 -0.71 0.00	22.09 -0.68 0.00	18.60 -0.56 0.00	19.21 -0.29 0.00	25.97 -0.24 0.00	33.68 -0.33 0.00	37.03 -0.25 0.00	39.26 -0.34 0.00	37.82 -0.19 0.00	42.55 0.22 0.00	44.07 0.75 0.00	44.69 1.60 0.00	43.98 1.37 0.00	57.20 1.83 0.00	63.68 2.14 0.00	38.95 1.51 0.00	32.48 0.99 0.00
SITHE___INDEPEND 23800	32.92 -0.91 0.00	25.51 -0.68 0.00	24.29 -0.67 0.00	23.45 -0.67 0.00	22.90 -0.64 0.00	21.73 -0.61 0.00	23.55 -0.65 0.00	21.69 -0.60 0.00	22.16 -0.62 0.00	18.63 -0.53 0.00	18.94 -0.57 0.00	25.35 -0.86 0.00	32.93 -1.07 0.00	36.21 -1.07 0.00	38.46 -1.15 0.00	36.93 -1.07 0.00	41.22 -1.11 0.00	42.32 -0.99 0.00	42.21 -0.88 0.00	41.69 -0.92 0.00	54.11 -1.26 0.00	60.09 -1.45 0.00	36.56 -0.87 0.00	30.73 -0.76 0.00
SITHE___MASSENA 23902	34.38 0.55 0.00	26.66 0.47 0.00	25.40 0.45 0.00	24.49 0.38 0.00	23.89 0.36 0.00	22.66 0.31 0.00	24.58 0.38 0.00	22.65 0.35 0.00	23.12 0.35 0.00	19.46 0.29 0.00	19.84 0.34 0.00	26.62 0.41 0.00	34.37 0.37 0.00	37.44 0.15 0.00	39.77 0.16 0.00	38.05 0.05 0.00	42.28 -0.05 0.00	42.49 -0.82 0.00	42.39 -0.71 0.00	42.56 -0.05 0.00	55.35 -0.03 0.00	61.69 0.14 0.00	37.52 0.08 0.00	31.56 0.08 0.00
SITHE___OGDNSBRG 24021	34.93 1.10 0.00	27.08 0.90 0.00	25.80 0.84 0.00	24.85 0.73 0.00	24.22 0.69 0.00	22.96 0.61 0.00	24.92 0.73 0.00	22.96 0.66 0.00	23.30 0.52 0.00	19.54 0.38 0.00	19.90 0.40 0.00	26.66 0.45 0.00	34.38 0.38 0.00	37.45 0.17 0.00	39.86 0.26 0.00	38.10 0.09 0.00	42.31 -0.02 0.00	42.58 -0.74 0.00	42.73 -0.36 0.00	43.27 0.67 0.00	56.42 1.04 0.00	62.82 1.28 0.00	38.12 0.69 0.00	32.02 0.53 0.00
SITHE___STERLING 23777	34.41 0.58 0.00	26.61 0.42 0.00	25.32 0.36 0.00	24.45 0.34 0.00	23.87 0.33 0.00	22.66 0.32 0.00	24.57 0.37 0.00	22.63 0.33 0.00	23.02 0.24 0.00	19.34 0.17 0.00	19.64 0.14 0.00	26.41 0.20 0.00	34.36 0.36 0.00	37.84 0.55 0.00	40.24 0.63 0.00	38.69 0.68 0.00	43.26 0.93 0.00	44.59 1.28 0.00	44.67 1.58 0.00	44.23 1.62 0.00	57.46 2.09 0.00	63.64 2.09 0.00	38.59 1.16 0.00	32.34 0.86 0.00
SLEIGHT__34_KV_TB1 80719	33.06 -0.77 0.00	25.65 -0.54 0.00	24.35 -0.60 0.00	23.39 -0.72 0.00	22.86 -0.67 0.00	21.68 -0.67 0.00	23.59 -0.60 0.00	21.68 -0.62 0.00	22.17 -0.60 0.00	18.67 -0.49 0.00	19.13 -0.37 0.00	25.72 -0.50 0.00	33.49 -0.51 0.00	36.95 -0.33 0.00	39.14 -0.46 0.00	37.75 -0.26 0.00	42.34 0.01 0.00	43.67 0.35 0.00	43.79 0.70 0.00	43.17 0.57 0.00	55.97 0.59 0.00	62.11 0.56 0.00	37.76 0.33 0.00	31.62 0.14 0.00
SOUTH CAIRO___GT 23612	35.07 1.24 0.00	27.08 0.90 0.00	25.93 0.98 0.00	25.27 1.15 0.00	24.66 1.13 0.00	23.45 1.10 0.00	25.35 1.16 0.00	23.39 1.09 0.00	23.73 0.96 0.00	19.80 0.64 0.00	19.97 0.47 0.00	26.62 0.40 0.00	34.56 0.56 0.00	38.21 0.93 0.00	40.89 1.28 0.00	39.43 1.42 0.00	43.95 1.62 0.00	45.58 2.26 0.00	45.60 2.51 0.00	45.25 2.64 0.00	58.80 3.43 0.00	64.93 3.38 0.00	39.28 1.85 0.00	32.93 1.45 0.00
SOUTH HAMPTN___IC 23720	36.02 2.19 0.00	29.76 1.66 -1.91	26.44 1.49 0.00	25.38 1.27 0.00	24.73 1.20 0.00	23.48 1.13 0.00	25.34 1.14 0.00	23.52 1.22 0.00	25.00 1.73 -0.49	21.28 1.49 -0.64	21.04 1.54 0.00	30.76 2.27 -2.28	37.73 3.17 -0.56	53.54 4.00 -12.26	43.62 4.02 0.00	42.00 3.99 0.00	46.77 4.44 0.00	47.85 4.54 0.00	46.93 3.84 0.00	45.78 3.17 0.00	59.93 4.56 0.00	65.75 4.20 0.00	39.88 2.45 0.00	33.41 1.92 0.00
SOUTHDOW_115KV_TB1 355954	33.55 -0.29 0.00	26.10 -0.09 0.00	24.76 -0.19 0.00	23.65 -0.46 0.00	23.14 -0.40 0.00	21.89 -0.45 0.00	23.94 -0.25 0.00	21.96 -0.34 0.00	22.54 -0.24 0.00	19.10 -0.06 0.00	19.77 0.27 0.00	26.85 0.64 0.00	35.04 1.03 0.00	38.51 1.23 0.00	40.57 0.96 0.00	39.04 1.04 0.00	44.08 1.74 0.00	45.51 2.19 0.00	45.80 2.71 0.00	44.99 2.39 0.00	58.24 2.86 0.00	64.66 3.11 0.00	39.60 2.17 0.00	33.01 1.53 0.00
SOUTHOLD_69_KV_BK 2 55809	36.66 2.83 0.00	30.21 2.11 -1.90	26.85 1.90 0.00	25.79 1.67 0.00	25.12 1.58 0.00	23.85 1.51 0.00	25.78 1.59 0.00	23.93 1.63 0.00	25.51 2.25 -0.49	21.79 2.00 -0.63	21.62 2.12 0.00	31.48 2.99 -2.28	38.68 4.12 -0.56	54.62 5.08 -12.26	44.72 5.11 0.00	43.06 5.06 0.00	47.92 5.59 0.00	48.91 5.59 0.00	47.89 4.79 0.00	46.64 4.04 0.00	61.10 5.73 0.00	66.99 5.45 0.00	40.51 3.08 0.00	33.76 2.27 0.00
SOUTHOLD___IC 23719	36.66 2.82 0.00	30.21 2.11 -1.91	26.85 1.90 0.00	25.79 1.67 0.00	25.12 1.58 0.00	23.85 1.51 0.00	25.77 1.58 0.00	23.93 1.63 0.00	25.52 2.25 -0.49	21.80 2.00 -0.64	21.62 2.12 0.00	31.48 2.99 -2.28	38.68 4.12 -0.56	54.61 5.07 -12.26	44.72 5.11 0.00	43.06 5.06 0.00	47.92 5.59 0.00	48.91 5.59 0.00	47.89 4.79 0.00	46.65 4.04 0.00	61.10 5.73 0.00	66.99 5.44 0.00	40.51 3.08 0.00	33.76 2.27 0.00
SOUTH_FORK_WT_PWR 323839	36.71 2.88 0.00	30.24 2.14 -1.91	26.88 1.93 0.00	25.84 1.72 0.00	25.16 1.63 0.00	23.90 1.55 0.00	25.85 1.65 0.00	24.00 1.70 0.00	25.62 2.36 -0.49	21.91 2.11 -0.64	21.75 2.25 0.00	31.61 3.12 -2.28	38.83 4.27 -0.56	54.75 5.21 -12.26	44.85 5.24 0.00	43.15 5.15 0.00	47.97 5.64 0.00	48.86 5.55 0.00	47.76 4.67 0.00	46.53 3.92 0.00	61.01 5.64 0.00	66.87 5.32 0.00	40.41 2.98 0.00	33.60 2.12 0.00
SPIERFLS_115KV_TB 1 80737	35.87 2.03 0.00	27.63 1.44 0.00	26.34 1.39 0.00	25.50 1.39 0.00	24.72 1.19 0.00	23.50 1.16 0.00	25.42 1.22 0.00	23.29 0.99 0.00	23.79 1.02 0.00	19.89 0.73 0.00	20.11 0.61 0.00	27.08 0.87 0.00	35.24 1.24 0.00	38.94 1.66 0.00	41.78 2.17 0.00	40.17 2.16 0.00	44.86 2.53 0.00	46.38 3.06 0.00	46.44 3.35 0.00	45.83 3.22 0.00	59.52 4.15 0.00	65.52 3.97 0.00	39.99 2.56 0.00	33.65 2.16 0.00
ST LAWRENCE____ 23600	33.99 0.16 0.00	26.35 0.17 0.00	25.10 0.15 0.00	24.22 0.11 0.00	23.64 0.11 0.00	22.43 0.09 0.00	24.32 0.12 0.00	22.42 0.12 0.00	22.89 0.12 0.00	19.26 0.10 0.00	19.65 0.15 0.00	26.37 0.16 0.00	34.07 0.06 0.00	37.11 -0.18 0.00	39.42 -0.19 0.00	37.74 -0.27 0.00	41.94 -0.39 0.00	42.52 -0.80 0.00	42.32 -0.77 0.00	42.12 -0.49 0.00	54.74 -0.63 0.00	61.03 -0.51 0.00	37.14 -0.29 0.00	31.26 -0.23 0.00
STATE_CA_115KV_115_LB 55624	34.04 0.21 0.00	26.31 0.12 0.00	25.19 0.24 0.00	24.53 0.41 0.00	23.93 0.40 0.00	22.74 0.40 0.00	24.57 0.37 0.00	22.66 0.36 0.00	23.12 0.34 0.00	19.33 0.17 0.00	19.64 0.14 0.00	26.34 0.13 0.00	34.28 0.28 0.00	37.81 0.52 0.00	40.29 0.68 0.00	38.68 0.67 0.00	43.00 0.67 0.00	44.24 0.92 0.00	44.00 0.90 0.00	43.38 0.78 0.00	56.40 1.03 0.00	62.35 0.81 0.00	37.86 0.43 0.00	31.89 0.40 0.00

STATE_ST_34_KV_LOAD 55959	33.84 0.01 0.00	26.25 0.06 0.00	24.93 -0.02 0.00	24.04 -0.07 0.00	23.46 -0.07 0.00	22.29 -0.06 0.00	24.19 0.00 0.00	22.22 -0.08 0.00	22.66 -0.11 0.00	19.03 -0.13 0.00	19.35 -0.15 0.00	26.01 -0.20 0.00	33.85 -0.15 0.00	37.41 0.12 0.00	39.55 -0.06 0.00	38.19 0.18 0.00	42.79 0.46 0.00	43.95 0.64 0.00	43.96 0.87 0.00	43.61 1.00 0.00	56.53 1.16 0.00	62.66 1.12 0.00	37.96 0.52 0.00	31.94 0.46 0.00
STATION 5_MISC_HYD 23604	32.90 -0.93 0.00	25.57 -0.62 0.00	24.29 -0.66 0.00	23.27 -0.85 0.00	22.76 -0.77 0.00	21.55 -0.80 0.00	23.49 -0.70 0.00	21.56 -0.74 0.00	22.08 -0.70 0.00	18.61 -0.55 0.00	19.16 -0.34 0.00	25.78 -0.43 0.00	33.57 -0.44 0.00	36.99 -0.29 0.00	39.17 -0.44 0.00	37.74 -0.27 0.00	42.34 0.01 0.00	43.69 0.37 0.00	43.88 0.79 0.00	43.18 0.57 0.00	56.03 0.65 0.00	62.33 0.79 0.00	38.04 0.60 0.00	31.80 0.32 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	33.32 -0.52 0.00	25.86 -0.33 0.00	24.57 -0.39 0.00	23.59 -0.53 0.00	23.05 -0.49 0.00	21.84 -0.50 0.00	23.78 -0.41 0.00	21.86 -0.44 0.00	22.37 -0.41 0.00	18.84 -0.32 0.00	19.32 -0.18 0.00	25.99 -0.22 0.00	33.87 -0.14 0.00	37.32 0.04 0.00	39.54 -0.07 0.00	38.14 0.13 0.00	42.79 0.46 0.00	44.20 0.89 0.00	44.36 1.27 0.00	43.69 1.08 0.00	56.60 1.23 0.00	62.80 1.26 0.00	38.22 0.79 0.00	31.98 0.50 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	32.79 -1.05 0.00	25.47 -0.72 0.00	24.20 -0.75 0.00	23.20 -0.92 0.00	22.68 -0.86 0.00	21.48 -0.86 0.00	23.41 -0.79 0.00	21.49 -0.81 0.00	22.01 -0.77 0.00	18.55 -0.61 0.00	19.09 -0.41 0.00	25.67 -0.54 0.00	33.43 -0.58 0.00	36.85 -0.43 0.00	39.03 -0.58 0.00	37.61 -0.40 0.00	42.19 -0.14 0.00	43.53 0.22 0.00	43.71 0.62 0.00	42.99 0.39 0.00	55.79 0.42 0.00	62.03 0.48 0.00	37.83 0.40 0.00	31.63 0.15 0.00
STA_56___34_KV_BUS2 355983	32.79 -1.05 0.00	25.47 -0.72 0.00	24.20 -0.75 0.00	23.20 -0.92 0.00	22.68 -0.86 0.00	21.48 -0.86 0.00	23.41 -0.79 0.00	21.49 -0.81 0.00	22.01 -0.77 0.00	18.55 -0.61 0.00	19.09 -0.41 0.00	25.67 -0.54 0.00	33.43 -0.58 0.00	36.85 -0.43 0.00	39.03 -0.58 0.00	37.61 -0.40 0.00	42.19 -0.14 0.00	43.53 0.22 0.00	43.71 0.62 0.00	42.99 0.39 0.00	55.79 0.42 0.00	62.03 0.48 0.00	37.83 0.40 0.00	31.63 0.15 0.00
STA_67___115KV_BK2 355882	32.83 -1.01 0.00	25.51 -0.68 0.00	24.24 -0.71 0.00	23.23 -0.88 0.00	22.72 -0.82 0.00	21.51 -0.83 0.00	23.45 -0.74 0.00	21.52 -0.78 0.00	22.03 -0.74 0.00	18.58 -0.58 0.00	19.12 -0.38 0.00	25.72 -0.49 0.00	33.47 -0.54 0.00	36.88 -0.40 0.00	39.06 -0.54 0.00	37.63 -0.37 0.00	42.20 -0.13 0.00	43.54 0.22 0.00	43.74 0.65 0.00	43.03 0.43 0.00	55.86 0.49 0.00	62.16 0.61 0.00	37.94 0.51 0.00	31.72 0.24 0.00
STA_7___115KV_9TRANS 80674	33.07 -0.76 0.00	25.69 -0.50 0.00	24.39 -0.56 0.00	23.37 -0.75 0.00	22.85 -0.68 0.00	21.64 -0.71 0.00	23.59 -0.61 0.00	21.65 -0.65 0.00	22.17 -0.61 0.00	18.69 -0.47 0.00	19.26 -0.24 0.00	25.90 -0.30 0.00	33.74 -0.26 0.00	37.22 -0.06 0.00	39.43 -0.18 0.00	38.01 0.00 0.00	42.66 0.33 0.00	44.05 0.73 0.00	44.26 1.16 0.00	43.52 0.91 0.00	56.47 1.09 0.00	62.77 1.23 0.00	38.29 0.86 0.00	31.99 0.51 0.00
STA_82___115KV_TB1 80780	32.85 -0.99 0.00	25.52 -0.66 0.00	24.25 -0.70 0.00	23.24 -0.87 0.00	22.72 -0.81 0.00	21.52 -0.83 0.00	23.46 -0.73 0.00	21.53 -0.77 0.00	22.04 -0.73 0.00	18.59 -0.58 0.00	19.13 -0.37 0.00	25.73 -0.48 0.00	33.48 -0.52 0.00	36.89 -0.39 0.00	39.07 -0.54 0.00	37.64 -0.36 0.00	42.23 -0.10 0.00	43.56 0.25 0.00	43.76 0.67 0.00	43.05 0.45 0.00	55.89 0.52 0.00	62.19 0.64 0.00	37.96 0.53 0.00	31.74 0.26 0.00
STEEL___WIND 323596	32.43 -1.41 0.00	25.28 -0.91 0.00	24.02 -0.93 0.00	22.91 -1.21 0.00	22.43 -1.11 0.00	21.20 -1.14 0.00	23.22 -0.98 0.00	21.25 -1.05 0.00	21.82 -0.96 0.00	18.46 -0.71 0.00	19.14 -0.36 0.00	25.84 -0.37 0.00	33.59 -0.41 0.00	36.93 -0.35 0.00	39.00 -0.61 0.00	37.52 -0.48 0.00	42.19 -0.14 0.00	43.45 0.14 0.00	43.79 0.70 0.00	43.00 0.39 0.00	55.84 0.47 0.00	62.28 0.73 0.00	38.25 0.82 0.00	31.98 0.49 0.00
STEPHTWN_115KV_BK_2 55603	34.22 0.39 0.00	26.34 0.15 0.00	25.23 0.27 0.00	24.55 0.44 0.00	23.96 0.42 0.00	22.76 0.42 0.00	24.61 0.41 0.00	22.68 0.38 0.00	23.14 0.37 0.00	19.38 0.22 0.00	19.72 0.22 0.00	26.46 0.25 0.00	34.47 0.47 0.00	38.00 0.71 0.00	40.39 0.78 0.00	38.83 0.82 0.00	43.29 0.96 0.00	44.55 1.24 0.00	44.27 1.18 0.00	43.67 1.07 0.00	56.76 1.38 0.00	62.66 1.11 0.00	38.00 0.57 0.00	32.00 0.51 0.00
STEUBEN_REC_LFGE 323667	34.58 0.75 0.00	26.85 0.66 0.00	25.50 0.54 0.00	24.42 0.30 0.00	23.86 0.33 0.00	22.60 0.25 0.00	24.65 0.46 0.00	22.70 0.40 0.00	23.18 0.41 0.00	19.51 0.34 0.00	20.00 0.50 0.00	27.09 0.88 0.00	35.41 1.41 0.00	38.88 1.60 0.00	41.04 1.43 0.00	39.54 1.53 0.00	44.74 2.41 0.00	46.53 3.22 0.00	46.98 3.89 0.00	46.24 3.63 0.00	59.93 4.56 0.00	66.27 4.73 0.00	40.51 3.08 0.00	33.73 2.24 0.00
STILLWATER___SOLAR 323814	35.41 1.58 0.00	27.33 1.14 0.00	26.09 1.14 0.00	25.28 1.17 0.00	24.61 1.08 0.00	23.38 1.04 0.00	25.28 1.09 0.00	23.22 0.92 0.00	23.71 0.94 0.00	19.84 0.68 0.00	20.08 0.57 0.00	27.01 0.80 0.00	35.12 1.12 0.00	38.77 1.49 0.00	41.47 1.86 0.00	39.85 1.84 0.00	44.41 2.08 0.00	45.86 2.55 0.00	45.82 2.73 0.00	45.24 2.63 0.00	58.77 3.40 0.00	64.83 3.29 0.00	39.41 1.98 0.00	33.19 1.70 0.00
STONY___BROOK 24151	35.73 1.90 0.00	29.54 1.45 -1.91	26.23 1.28 0.00	25.20 1.09 0.00	24.56 1.03 0.00	23.31 0.96 0.00	25.14 0.94 0.00	23.32 1.02 0.00	24.64 1.37 -0.49	21.00 1.20 -0.64	20.72 1.21 0.00	30.35 1.86 -2.28	37.17 2.61 -0.56	52.91 3.36 -12.26	42.96 3.35 0.00	41.36 3.35 0.00	46.04 3.71 0.00	46.98 3.67 0.00	46.16 3.06 0.00	45.08 2.48 0.00	59.24 3.87 0.00	65.12 3.58 0.00	39.61 2.18 0.00	33.33 1.84 0.00
STURGEON_POOL_HYD 23609	34.61 0.78 0.00	26.68 0.49 0.00	25.34 0.39 0.00	24.42 0.30 0.00	23.82 0.28 0.00	22.61 0.27 0.00	24.44 0.24 0.00	22.61 0.31 0.00	23.21 0.43 0.00	19.70 0.54 0.00	20.08 0.58 0.00	27.25 1.04 0.00	35.58 1.57 0.00	39.40 2.12 0.00	41.75 2.15 0.00	40.12 2.12 0.00	44.70 2.37 0.00	46.03 2.72 0.00	45.52 2.43 0.00	44.63 2.02 0.00	58.01 2.64 0.00	63.99 2.45 0.00	38.85 1.42 0.00	32.69 1.21 0.00
ST_LAW_115_BK7_LBMP 345037	34.01 0.18 0.00	26.36 0.17 0.00	25.12 0.17 0.00	24.23 0.12 0.00	23.64 0.11 0.00	22.43 0.09 0.00	24.33 0.13 0.00	22.43 0.13 0.00	22.89 0.12 0.00	19.27 0.11 0.00	19.66 0.16 0.00	26.37 0.17 0.00	34.06 0.05 0.00	37.09 -0.19 0.00	39.39 -0.21 0.00	37.70 -0.31 0.00	41.90 -0.44 0.00	42.41 -0.90 0.00	42.23 -0.87 0.00	42.08 -0.53 0.00	54.70 -0.68 0.00	61.00 -0.54 0.00	37.11 -0.32 0.00	31.23 -0.26 0.00

ST_LAW_115_BK8_LBMP 345038	34.01 0.18 0.00	26.36 0.17 0.00	25.12 0.17 0.00	24.23 0.12 0.00	23.64 0.11 0.00	22.43 0.09 0.00	24.33 0.13 0.00	22.43 0.13 0.00	22.89 0.12 0.00	19.27 0.11 0.00	19.66 0.16 0.00	26.37 0.17 0.00	34.06 0.05 0.00	37.09 -0.19 0.00	39.39 -0.21 0.00	37.70 -0.31 0.00	41.90 -0.44 0.00	42.41 -0.90 0.00	42.23 -0.87 0.00	42.08 -0.53 0.00	54.70 -0.68 0.00	61.00 -0.54 0.00	37.11 -0.32 0.00	31.23 -0.26 0.00
ST_LAW_230_BK5_LBMP 345035	33.99 0.16 0.00	26.35 0.17 0.00	25.10 0.15 0.00	24.22 0.11 0.00	23.64 0.11 0.00	22.43 0.09 0.00	24.32 0.12 0.00	22.42 0.12 0.00	22.89 0.12 0.00	19.26 0.10 0.00	19.65 0.15 0.00	26.37 0.16 0.00	34.07 0.06 0.00	37.11 -0.18 0.00	39.42 -0.19 0.00	37.74 -0.27 0.00	41.94 -0.39 0.00	42.52 -0.80 0.00	42.32 -0.77 0.00	42.12 -0.49 0.00	54.74 -0.63 0.00	61.03 -0.51 0.00	37.14 -0.29 0.00	31.26 -0.23 0.00
ST_LAW_230_BK6_LBMP 345036	33.99 0.16 0.00	26.35 0.17 0.00	25.10 0.15 0.00	24.22 0.11 0.00	23.64 0.11 0.00	22.43 0.09 0.00	24.32 0.12 0.00	22.42 0.12 0.00	22.89 0.12 0.00	19.26 0.10 0.00	19.65 0.15 0.00	26.37 0.16 0.00	34.07 0.06 0.00	37.11 -0.18 0.00	39.42 -0.19 0.00	37.74 -0.27 0.00	41.94 -0.39 0.00	42.52 -0.80 0.00	42.32 -0.77 0.00	42.12 -0.49 0.00	54.74 -0.63 0.00	61.03 -0.51 0.00	37.14 -0.29 0.00	31.26 -0.23 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	34.69 0.85 0.00	26.77 0.58 0.00	25.45 0.50 0.00	24.56 0.44 0.00	23.94 0.41 0.00	22.74 0.39 0.00	24.58 0.38 0.00	22.74 0.44 0.00	23.30 0.52 0.00	19.70 0.54 0.00	20.07 0.57 0.00	27.20 0.99 0.00	35.49 1.48 0.00	39.27 1.98 0.00	41.63 2.02 0.00	39.99 1.98 0.00	44.61 2.28 0.00	45.91 2.60 0.00	45.47 2.38 0.00	44.67 2.07 0.00	58.08 2.70 0.00	64.09 2.55 0.00	38.91 1.48 0.00	32.72 1.24 0.00
SWANROAD_115KV_TB1 355699	31.52 -2.32 0.00	24.62 -1.57 0.00	23.38 -1.57 0.00	22.28 -1.83 0.00	21.81 -1.72 0.00	20.63 -1.71 0.00	22.62 -1.58 0.00	20.68 -1.62 0.00	21.24 -1.53 0.00	17.96 -1.20 0.00	18.63 -0.88 0.00	25.07 -1.14 0.00	32.47 -1.54 0.00	35.68 -1.61 0.00	37.64 -1.97 0.00	36.26 -1.75 0.00	40.64 -1.69 0.00	41.90 -1.42 0.00	42.28 -0.82 0.00	41.53 -1.08 0.00	54.00 -1.38 0.00	60.45 -1.10 0.00	37.24 -0.19 0.00	31.15 -0.34 0.00
SYNERGY___BIOGAS 323694	33.01 -0.83 0.00	25.70 -0.49 0.00	24.39 -0.57 0.00	23.27 -0.84 0.00	22.78 -0.75 0.00	21.55 -0.79 0.00	23.58 -0.61 0.00	21.59 -0.71 0.00	22.09 -0.68 0.00	18.60 -0.56 0.00	19.21 -0.29 0.00	25.97 -0.24 0.00	33.68 -0.33 0.00	37.03 -0.25 0.00	39.26 -0.34 0.00	37.82 -0.19 0.00	42.55 0.22 0.00	44.07 0.75 0.00	44.69 1.60 0.00	43.98 1.37 0.00	57.20 1.83 0.00	63.68 2.14 0.00	38.95 1.51 0.00	32.48 0.99 0.00
SYRACUSE___ENERGY_ST1 323597	33.65 -0.19 0.00	26.05 -0.14 0.00	24.79 -0.17 0.00	23.91 -0.20 0.00	23.35 -0.18 0.00	22.17 -0.18 0.00	24.03 -0.16 0.00	22.13 -0.17 0.00	22.60 -0.18 0.00	18.99 -0.17 0.00	19.32 -0.18 0.00	25.96 -0.25 0.00	33.78 -0.23 0.00	37.19 -0.09 0.00	39.49 -0.12 0.00	37.98 -0.02 0.00	42.47 0.14 0.00	43.68 0.36 0.00	43.60 0.51 0.00	43.04 0.43 0.00	55.83 0.45 0.00	61.90 0.35 0.00	37.62 0.19 0.00	31.58 0.10 0.00
SYRACUSE___ENERGY_ST2 323598	33.65 -0.19 0.00	26.05 -0.14 0.00	24.79 -0.17 0.00	23.91 -0.20 0.00	23.35 -0.18 0.00	22.17 -0.18 0.00	24.03 -0.16 0.00	22.13 -0.17 0.00	22.60 -0.18 0.00	18.99 -0.17 0.00	19.32 -0.18 0.00	25.96 -0.25 0.00	33.78 -0.23 0.00	37.19 -0.09 0.00	39.49 -0.12 0.00	37.98 -0.02 0.00	42.47 0.14 0.00	43.68 0.36 0.00	43.60 0.51 0.00	43.04 0.43 0.00	55.83 0.45 0.00	61.90 0.35 0.00	37.62 0.19 0.00	31.58 0.10 0.00
SYRACUSE___POWER 24017	33.62 -0.22 0.00	26.03 -0.16 0.00	24.77 -0.19 0.00	23.89 -0.22 0.00	23.33 -0.20 0.00	22.14 -0.20 0.00	24.01 -0.19 0.00	22.11 -0.19 0.00	22.58 -0.20 0.00	18.98 -0.18 0.00	19.32 -0.18 0.00	25.96 -0.25 0.00	33.78 -0.22 0.00	37.19 -0.10 0.00	39.49 -0.11 0.00	37.96 -0.04 0.00	42.43 0.10 0.00	43.65 0.33 0.00	43.60 0.51 0.00	43.02 0.42 0.00	55.82 0.45 0.00	61.90 0.36 0.00	37.65 0.22 0.00	31.59 0.11 0.00
TALLMAN___138KV_BK151 55660	34.86 1.02 0.00	26.88 0.69 0.00	25.55 0.60 0.00	24.63 0.52 0.00	24.01 0.48 0.00	22.80 0.45 0.00	24.64 0.44 0.00	22.81 0.52 0.00	23.39 0.61 0.00	19.81 0.65 0.00	20.19 0.68 0.00	27.41 1.20 0.00	35.78 1.77 0.00	39.62 2.34 0.00	41.99 2.38 0.00	40.31 2.30 0.00	44.96 2.63 0.00	46.27 2.96 0.00	45.77 2.68 0.00	44.92 2.32 0.00	58.43 3.05 0.00	64.44 2.90 0.00	39.14 1.71 0.00	32.91 1.43 0.00
TEALLAVE_115KV_TB7 355573	33.45 -0.38 0.00	25.90 -0.28 0.00	24.65 -0.30 0.00	23.78 -0.33 0.00	23.22 -0.31 0.00	22.04 -0.30 0.00	23.90 -0.30 0.00	22.00 -0.30 0.00	22.47 -0.30 0.00	18.90 -0.26 0.00	19.25 -0.26 0.00	25.85 -0.36 0.00	33.61 -0.39 0.00	37.00 -0.28 0.00	39.30 -0.31 0.00	37.77 -0.24 0.00	42.19 -0.14 0.00	43.40 0.09 0.00	43.34 0.25 0.00	42.74 0.14 0.00	55.45 0.08 0.00	61.53 -0.02 0.00	37.44 0.01 0.00	31.42 -0.07 0.00
TELGRAPH_34_KV_EAST 80808	32.34 -1.49 0.00	25.21 -0.98 0.00	23.94 -1.02 0.00	22.83 -1.29 0.00	22.35 -1.18 0.00	21.13 -1.21 0.00	23.15 -1.05 0.00	21.18 -1.12 0.00	21.73 -1.05 0.00	18.35 -0.81 0.00	19.02 -0.49 0.00	25.69 -0.52 0.00	33.27 -0.73 0.00	36.58 -0.70 0.00	38.72 -0.89 0.00	37.28 -0.73 0.00	41.82 -0.51 0.00	43.18 -0.13 0.00	43.60 0.51 0.00	42.86 0.25 0.00	55.69 0.32 0.00	62.17 0.63 0.00	38.16 0.73 0.00	31.87 0.39 0.00
TEMPLE___115KV_TB 2 55572	33.48 -0.36 0.00	25.91 -0.28 0.00	24.66 -0.29 0.00	23.79 -0.32 0.00	23.23 -0.30 0.00	22.05 -0.29 0.00	23.91 -0.29 0.00	22.02 -0.28 0.00	22.49 -0.29 0.00	18.91 -0.25 0.00	19.26 -0.24 0.00	25.86 -0.35 0.00	33.64 -0.36 0.00	37.03 -0.25 0.00	39.33 -0.28 0.00	37.81 -0.20 0.00	42.22 -0.11 0.00	43.44 0.13 0.00	43.37 0.28 0.00	42.77 0.17 0.00	55.49 0.12 0.00	61.56 0.02 0.00	37.47 0.04 0.00	31.44 -0.05 0.00
TIANA____69_KV_BK 1 55817	35.88 2.04 0.00	29.65 1.56 -1.90	26.34 1.39 0.00	25.29 1.18 0.00	24.65 1.11 0.00	23.39 1.05 0.00	25.24 1.05 0.00	23.43 1.13 0.00	24.88 1.62 -0.49	21.17 1.37 -0.63	20.91 1.41 0.00	30.58 2.09 -2.28	37.51 2.94 -0.56	53.31 3.76 -12.26	43.37 3.76 0.00	41.75 3.74 0.00	46.50 4.17 0.00	47.62 4.31 0.00	46.73 3.64 0.00	45.59 2.99 0.00	59.69 4.32 0.00	65.49 3.95 0.00	39.75 2.32 0.00	33.34 1.85 0.00
TILDEN___115KV_TB1 80814	33.62 -0.22 0.00	26.03 -0.16 0.00	24.77 -0.19 0.00	23.89 -0.22 0.00	23.33 -0.20 0.00	22.14 -0.20 0.00	24.01 -0.19 0.00	22.11 -0.19 0.00	22.58 -0.20 0.00	18.98 -0.18 0.00	19.32 -0.18 0.00	25.96 -0.25 0.00	33.78 -0.22 0.00	37.19 -0.10 0.00	39.49 -0.11 0.00	37.96 -0.04 0.00	42.43 0.10 0.00	43.65 0.33 0.00	43.60 0.51 0.00	43.02 0.42 0.00	55.82 0.45 0.00	61.90 0.36 0.00	37.65 0.22 0.00	31.59 0.11 0.00

TRIGEN___CC 323695	35.48 1.65 0.00	29.28 1.20 -1.90	26.01 1.06 0.00	25.04 0.92 0.00	24.40 0.86 0.00	23.16 0.81 0.00	24.98 0.78 0.00	23.14 0.84 0.00	24.31 1.05 -0.49	20.81 1.01 -0.63	20.58 1.08 0.00	30.19 1.70 -2.28	36.90 2.34 -0.56	52.52 2.97 -12.26	42.52 2.92 0.00	40.90 2.90 0.00	45.46 3.13 0.00	46.69 3.37 0.00	46.03 2.93 0.00	45.04 2.43 0.00	58.74 3.37 0.00	64.79 3.24 0.00	39.59 2.16 0.00	33.32 1.84 0.00
TRINITY___115KV___4 BK 55933	33.89 0.06 0.00	26.20 0.01 0.00	25.10 0.14 0.00	24.45 0.33 0.00	23.86 0.32 0.00	22.67 0.33 0.00	24.49 0.29 0.00	22.58 0.28 0.00	23.04 0.26 0.00	19.26 0.10 0.00	19.56 0.07 0.00	26.23 0.02 0.00	34.11 0.11 0.00	37.61 0.33 0.00	40.07 0.47 0.00	38.46 0.45 0.00	42.71 0.38 0.00	43.93 0.61 0.00	43.70 0.60 0.00	43.11 0.51 0.00	56.04 0.66 0.00	61.98 0.44 0.00	37.65 0.22 0.00	31.73 0.25 0.00
UNION___PROCESSING_DRP 323587	32.85 -0.98 0.00	25.53 -0.66 0.00	24.26 -0.70 0.00	23.24 -0.87 0.00	22.73 -0.81 0.00	21.52 -0.82 0.00	23.46 -0.73 0.00	21.53 -0.76 0.00	22.05 -0.73 0.00	18.59 -0.57 0.00	19.14 -0.36 0.00	25.73 -0.48 0.00	33.49 -0.51 0.00	36.91 -0.38 0.00	39.08 -0.53 0.00	37.65 -0.36 0.00	42.23 -0.10 0.00	43.57 0.26 0.00	43.78 0.69 0.00	43.07 0.47 0.00	55.92 0.54 0.00	62.22 0.67 0.00	37.96 0.53 0.00	31.75 0.26 0.00
UPPER HUDSON___HYD 24058	35.87 2.03 0.00	27.63 1.44 0.00	26.34 1.39 0.00	25.50 1.39 0.00	24.72 1.19 0.00	23.50 1.16 0.00	25.42 1.22 0.00	23.29 0.99 0.00	23.79 1.02 0.00	19.89 0.73 0.00	20.11 0.61 0.00	27.08 0.87 0.00	35.24 1.24 0.00	38.94 1.66 0.00	41.78 2.17 0.00	40.16 2.16 0.00	44.86 2.53 0.00	46.38 3.06 0.00	46.44 3.35 0.00	45.83 3.22 0.00	59.52 4.15 0.00	65.52 3.97 0.00	39.99 2.56 0.00	33.65 2.16 0.00
UPPER RAQUET___HYD 24056	34.35 0.51 0.00	26.62 0.43 0.00	25.37 0.42 0.00	24.44 0.32 0.00	23.79 0.26 0.00	22.52 0.17 0.00	24.44 0.24 0.00	22.53 0.23 0.00	22.94 0.16 0.00	19.30 0.14 0.00	19.67 0.16 0.00	26.35 0.14 0.00	33.94 -0.07 0.00	37.08 -0.20 0.00	39.44 -0.16 0.00	37.63 -0.38 0.00	41.81 -0.52 0.00	42.01 -1.31 0.00	42.13 -0.97 0.00	42.38 -0.22 0.00	55.21 -0.16 0.00	61.47 -0.08 0.00	37.32 -0.11 0.00	31.34 -0.14 0.00
VALLEY44_115KV_TB2 355964	32.97 -0.86 0.00	25.70 -0.49 0.00	24.39 -0.56 0.00	23.35 -0.76 0.00	22.85 -0.69 0.00	21.64 -0.71 0.00	23.62 -0.58 0.00	21.66 -0.63 0.00	22.21 -0.57 0.00	18.81 -0.35 0.00	19.42 -0.08 0.00	26.34 0.13 0.00	34.34 0.34 0.00	37.70 0.42 0.00	39.63 0.02 0.00	38.07 0.06 0.00	42.92 0.59 0.00	44.29 0.97 0.00	44.43 1.34 0.00	43.59 0.98 0.00	56.47 1.09 0.00	62.64 1.10 0.00	38.46 1.03 0.00	32.16 0.68 0.00
VALLEY___115KV_TB 1-4 80826	33.80 -0.03 0.00	26.11 -0.08 0.00	24.91 -0.05 0.00	24.15 0.04 0.00	23.55 0.01 0.00	22.38 0.04 0.00	24.19 0.00 0.00	22.27 -0.03 0.00	22.68 -0.10 0.00	18.93 -0.24 0.00	19.14 -0.37 0.00	25.70 -0.50 0.00	33.52 -0.49 0.00	36.99 -0.29 0.00	39.46 -0.15 0.00	37.96 -0.05 0.00	42.28 -0.05 0.00	43.62 0.30 0.00	43.63 0.54 0.00	43.19 0.58 0.00	56.05 0.67 0.00	62.07 0.52 0.00	37.67 0.24 0.00	31.69 0.21 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	34.77 0.94 0.00	26.88 0.69 0.00	25.57 0.62 0.00	24.70 0.58 0.00	24.10 0.57 0.00	22.88 0.54 0.00	24.80 0.61 0.00	22.87 0.57 0.00	23.39 0.61 0.00	19.73 0.57 0.00	20.12 0.62 0.00	27.13 0.92 0.00	35.31 1.31 0.00	38.92 1.64 0.00	41.29 1.69 0.00	39.64 1.64 0.00	44.30 1.97 0.00	45.56 2.24 0.00	45.33 2.24 0.00	44.66 2.05 0.00	58.01 2.64 0.00	64.15 2.60 0.00	38.97 1.54 0.00	32.72 1.24 0.00
VISCHER___FERRY HYD 24020	34.64 0.80 0.00	26.78 0.59 0.00	25.61 0.66 0.00	24.85 0.74 0.00	24.24 0.70 0.00	23.02 0.67 0.00	24.88 0.68 0.00	22.86 0.56 0.00	23.33 0.56 0.00	19.55 0.39 0.00	19.83 0.33 0.00	26.66 0.45 0.00	34.64 0.64 0.00	38.20 0.91 0.00	40.74 1.14 0.00	39.07 1.06 0.00	43.37 1.03 0.00	44.67 1.36 0.00	44.51 1.42 0.00	43.97 1.37 0.00	57.13 1.75 0.00	63.19 1.64 0.00	38.41 0.98 0.00	32.40 0.91 0.00
V_A_10_SYNC_DSASP 323832	32.01 -1.83 0.00	24.96 -1.23 0.00	23.71 -1.24 0.00	22.66 -1.45 0.00	22.19 -1.35 0.00	20.98 -1.36 0.00	22.94 -1.26 0.00	21.02 -1.28 0.00	21.56 -1.22 0.00	18.22 -0.94 0.00	18.84 -0.67 0.00	25.35 -0.86 0.00	32.92 -1.08 0.00	36.20 -1.09 0.00	38.21 -1.40 0.00	36.77 -1.24 0.00	41.23 -1.10 0.00	42.48 -0.84 0.00	42.74 -0.35 0.00	41.99 -0.62 0.00	54.57 -0.80 0.00	60.92 -0.62 0.00	37.38 -0.05 0.00	31.29 -0.20 0.00
V_CMM_10_SYNC_DSASP 323787	34.18 0.35 0.00	26.50 0.31 0.00	25.25 0.29 0.00	24.36 0.24 0.00	23.76 0.23 0.00	22.54 0.20 0.00	24.46 0.26 0.00	22.54 0.24 0.00	23.02 0.24 0.00	19.38 0.22 0.00	19.77 0.26 0.00	26.53 0.32 0.00	34.25 0.25 0.00	37.31 0.03 0.00	39.62 0.02 0.00	37.93 -0.07 0.00	42.16 -0.17 0.00	42.67 -0.64 0.00	42.49 -0.60 0.00	42.33 -0.27 0.00	55.02 -0.35 0.00	61.35 -0.19 0.00	37.32 -0.11 0.00	31.41 -0.08 0.00
V_CMP_10_SYNC_DSASP 323788	35.12 1.29 0.00	27.23 1.04 0.00	25.97 1.02 0.00	25.10 0.99 0.00	24.51 0.98 0.00	23.29 0.94 0.00	25.28 1.08 0.00	23.35 1.05 0.00	23.73 0.96 0.00	19.98 0.81 0.00	20.40 0.90 0.00	27.48 1.28 0.00	35.50 1.50 0.00	39.01 1.73 0.00	41.53 1.92 0.00	39.50 1.49 0.00	43.98 1.65 0.00	45.06 1.75 0.00	44.85 1.76 0.00	44.51 1.91 0.00	58.00 2.63 0.00	64.34 2.80 0.00	39.35 1.92 0.00	32.99 1.51 0.00
V_D_10_SYNC_DSASP 323841	34.38 0.55 0.00	26.66 0.47 0.00	25.40 0.45 0.00	24.49 0.38 0.00	23.89 0.35 0.00	22.66 0.31 0.00	24.58 0.38 0.00	22.65 0.35 0.00	23.12 0.35 0.00	19.46 0.29 0.00	19.84 0.34 0.00	26.62 0.41 0.00	34.37 0.37 0.00	37.44 0.16 0.00	39.77 0.16 0.00	38.06 0.05 0.00	42.28 -0.05 0.00	42.51 -0.80 0.00	42.39 -0.70 0.00	42.56 -0.05 0.00	55.35 -0.03 0.00	61.69 0.14 0.00	37.52 0.08 0.00	31.57 0.08 0.00
V_E_10_SYNC_DSASP 323830	35.78 1.95 0.00	27.66 1.47 0.00	26.28 1.32 0.00	25.32 1.20 0.00	24.74 1.20 0.00	23.49 1.15 0.00	25.52 1.32 0.00	23.52 1.22 0.00	23.88 1.10 0.00	19.93 0.77 0.00	20.24 0.74 0.00	27.24 1.03 0.00	35.47 1.46 0.00	39.16 1.87 0.00	41.62 2.01 0.00	40.29 2.28 0.00	45.40 3.07 0.00	46.88 3.57 0.00	47.32 4.23 0.00	46.95 4.34 0.00	60.84 5.46 0.00	67.05 5.50 0.00	40.59 3.16 0.00	33.90 2.42 0.00
V_F_30_NSYNC___DSASP 323816	35.49 1.66 0.00	27.38 1.19 0.00	26.13 1.18 0.00	25.32 1.21 0.00	24.65 1.11 0.00	23.42 1.08 0.00	25.32 1.13 0.00	23.26 0.96 0.00	23.76 0.98 0.00	19.88 0.72 0.00	20.13 0.63 0.00	27.09 0.87 0.00	35.23 1.23 0.00	38.90 1.62 0.00	41.59 1.99 0.00	39.99 1.98 0.00	44.57 2.24 0.00	46.03 2.71 0.00	45.96 2.87 0.00	45.36 2.76 0.00	58.93 3.56 0.00	65.00 3.46 0.00	39.51 2.08 0.00	33.26 1.78 0.00



V_F_30_SYNC_DSASP 323786	34.03 0.20 0.00	26.31 0.12 0.00	25.19 0.23 0.00	24.53 0.41 0.00	23.93 0.40 0.00	22.74 0.40 0.00	24.57 0.37 0.00	22.66 0.36 0.00	23.11 0.34 0.00	19.33 0.17 0.00	19.63 0.13 0.00	26.34 0.13 0.00	34.28 0.27 0.00	37.81 0.52 0.00	40.29 0.68 0.00	38.68 0.67 0.00	43.00 0.66 0.00	44.23 0.91 0.00	43.99 0.90 0.00	43.38 0.78 0.00	56.39 1.02 0.00	62.35 0.81 0.00	37.86 0.43 0.00	31.88 0.40 0.00
V_XM_10_SYNC_DSASP 323789	35.12 1.29 0.00	27.23 1.04 0.00	25.97 1.02 0.00	25.10 0.99 0.00	24.51 0.98 0.00	23.29 0.94 0.00	25.28 1.08 0.00	23.35 1.05 0.00	23.73 0.96 0.00	19.98 0.81 0.00	20.40 0.90 0.00	27.48 1.28 0.00	35.50 1.50 0.00	39.01 1.73 0.00	41.53 1.92 0.00	39.50 1.49 0.00	43.98 1.65 0.00	45.06 1.75 0.00	44.85 1.76 0.00	44.51 1.91 0.00	58.00 2.63 0.00	64.34 2.80 0.00	39.35 1.92 0.00	32.99 1.51 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	34.98 1.14 0.00	26.98 0.79 0.00	25.64 0.69 0.00	24.72 0.61 0.00	24.10 0.57 0.00	22.88 0.54 0.00	24.74 0.54 0.00	22.90 0.60 0.00	23.48 0.70 0.00	19.88 0.72 0.00	20.26 0.76 0.00	27.51 1.30 0.00	35.92 1.92 0.00	39.77 2.49 0.00	42.16 2.55 0.00	40.49 2.48 0.00	45.17 2.84 0.00	46.48 3.17 0.00	45.99 2.90 0.00	45.14 2.53 0.00	58.69 3.32 0.00	64.75 3.20 0.00	39.30 1.88 0.00	33.04 1.56 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	35.16 1.33 0.00	27.12 0.93 0.00	25.77 0.82 0.00	24.85 0.74 0.00	24.23 0.70 0.00	22.99 0.65 0.00	24.82 0.63 0.00	23.01 0.71 0.00	23.59 0.81 0.00	20.01 0.85 0.00	20.38 0.88 0.00	27.65 1.44 0.00	36.06 2.06 0.00	39.93 2.64 0.00	42.25 2.65 0.00	40.64 2.64 0.00	45.28 2.95 0.00	46.58 3.26 0.00	45.99 2.90 0.00	45.12 2.51 0.00	58.68 3.31 0.00	64.78 3.23 0.00	39.39 1.96 0.00	33.15 1.66 0.00
W50THST__13_KV_LOAD 356117	35.29 1.46 0.00	27.22 1.03 0.00	25.87 0.91 0.00	24.94 0.83 0.00	24.32 0.79 0.00	23.08 0.74 0.00	24.91 0.72 0.00	23.10 0.80 0.00	23.69 0.91 0.00	20.10 0.93 0.00	20.48 0.98 0.00	27.78 1.57 0.00	36.23 2.23 0.00	40.12 2.83 0.00	42.46 2.85 0.00	40.84 2.83 0.00	45.49 3.16 0.00	46.80 3.49 0.00	46.21 3.12 0.00	45.33 2.72 0.00	58.95 3.58 0.00	65.08 3.53 0.00	39.57 2.14 0.00	33.29 1.80 0.00
WADING RIVER_IC_1 23522	35.35 1.52 0.00	29.29 1.19 -1.91	26.00 1.05 0.00	24.97 0.86 0.00	24.34 0.81 0.00	23.11 0.76 0.00	24.91 0.72 0.00	23.13 0.82 0.00	24.56 1.30 -0.49	20.81 1.01 -0.64	20.52 1.01 0.00	30.04 1.55 -2.28	36.79 2.22 -0.56	52.49 2.95 -12.26	42.52 2.91 0.00	40.93 2.92 0.00	45.59 3.26 0.00	46.70 3.38 0.00	45.86 2.77 0.00	44.76 2.16 0.00	58.64 3.27 0.00	64.40 2.86 0.00	39.15 1.72 0.00	32.89 1.40 0.00
WADING RIVER_IC_2 23547	35.35 1.52 0.00	29.29 1.19 -1.91	26.00 1.05 0.00	24.97 0.86 0.00	24.34 0.81 0.00	23.11 0.76 0.00	24.91 0.72 0.00	23.13 0.82 0.00	24.56 1.30 -0.49	20.81 1.01 -0.64	20.52 1.01 0.00	30.04 1.55 -2.28	36.79 2.22 -0.56	52.49 2.95 -12.26	42.52 2.91 0.00	40.93 2.92 0.00	45.59 3.26 0.00	46.70 3.38 0.00	45.86 2.77 0.00	44.76 2.16 0.00	58.64 3.27 0.00	64.40 2.86 0.00	39.15 1.72 0.00	32.89 1.40 0.00
WADING RIVER_IC_3 23601	35.35 1.52 0.00	29.29 1.19 -1.91	26.00 1.05 0.00	24.97 0.86 0.00	24.34 0.81 0.00	23.11 0.76 0.00	24.91 0.72 0.00	23.13 0.82 0.00	24.56 1.30 -0.49	20.81 1.01 -0.64	20.52 1.01 0.00	30.04 1.55 -2.28	36.79 2.22 -0.56	52.49 2.95 -12.26	42.52 2.91 0.00	40.93 2.92 0.00	45.59 3.26 0.00	46.70 3.38 0.00	45.86 2.77 0.00	44.76 2.16 0.00	58.64 3.27 0.00	64.40 2.86 0.00	39.15 1.72 0.00	32.89 1.40 0.00
WALDENNY_12_KV_BK2 80841	32.42 -1.41 0.00	25.29 -0.90 0.00	24.02 -0.94 0.00	22.90 -1.21 0.00	22.42 -1.12 0.00	21.19 -1.15 0.00	23.21 -0.98 0.00	21.25 -1.05 0.00	21.82 -0.95 0.00	18.46 -0.70 0.00	19.16 -0.35 0.00	25.86 -0.35 0.00	33.60 -0.40 0.00	36.97 -0.31 0.00	39.04 -0.56 0.00	37.59 -0.41 0.00	42.20 -0.13 0.00	43.54 0.22 0.00	43.85 0.76 0.00	43.05 0.44 0.00	55.89 0.51 0.00	62.33 0.79 0.00	38.29 0.86 0.00	32.01 0.53 0.00
WALDEN__HYDRO 24148	34.84 1.01 0.00	26.87 0.68 0.00	25.55 0.59 0.00	24.65 0.53 0.00	24.03 0.50 0.00	22.82 0.47 0.00	24.67 0.48 0.00	22.82 0.52 0.00	23.38 0.61 0.00	19.77 0.61 0.00	20.14 0.64 0.00	27.28 1.07 0.00	35.59 1.59 0.00	39.40 2.11 0.00	41.80 2.19 0.00	40.17 2.16 0.00	44.81 2.48 0.00	46.18 2.86 0.00	45.76 2.67 0.00	44.96 2.36 0.00	58.44 3.07 0.00	64.48 2.94 0.00	39.13 1.70 0.00	32.90 1.41 0.00
WARRENSBURG____ 23737	35.87 2.03 0.00	27.63 1.44 0.00	26.34 1.39 0.00	25.50 1.39 0.00	24.72 1.19 0.00	23.50 1.16 0.00	25.42 1.22 0.00	23.29 0.99 0.00	23.79 1.02 0.00	19.89 0.73 0.00	20.11 0.61 0.00	27.08 0.87 0.00	35.24 1.24 0.00	38.94 1.66 0.00	41.78 2.17 0.00	40.16 2.16 0.00	44.86 2.53 0.00	46.38 3.06 0.00	46.44 3.35 0.00	45.83 3.22 0.00	59.52 4.15 0.00	65.52 3.97 0.00	39.99 2.56 0.00	33.65 2.16 0.00
WATERSIDE____6 8 9 23538	35.17 1.34 0.00	27.14 0.95 0.00	25.80 0.85 0.00	24.90 0.79 0.00	24.26 0.72 0.00	23.04 0.69 0.00	24.85 0.66 0.00	23.06 0.75 -0.01	23.64 0.86 0.00	20.06 0.90 0.00	20.44 0.93 0.00	27.70 1.49 0.00	36.14 2.13 0.00	39.99 2.70 0.00	42.33 2.72 0.00	40.71 2.71 0.00	45.33 3.00 0.00	46.64 3.33 0.00	46.09 2.99 0.00	45.20 2.59 0.00	58.79 3.42 0.00	64.90 3.36 0.00	39.50 2.07 0.00	-0.77 1.74 33.99
WATKINRD_115KV_LN8_ILLION 55919	33.74 -0.09 0.00	26.08 -0.11 0.00	24.88 -0.08 0.00	24.10 -0.01 0.00	23.51 -0.02 0.00	22.34 0.00 0.00	24.16 -0.03 0.00	22.24 -0.06 0.00	22.68 -0.10 0.00	18.97 -0.19 0.00	19.21 -0.29 0.00	25.81 -0.40 0.00	33.61 -0.40 0.00	37.03 -0.25 0.00	39.46 -0.14 0.00	37.94 -0.07 0.00	42.25 -0.08 0.00	43.50 0.19 0.00	43.45 0.35 0.00	42.97 0.36 0.00	55.84 0.46 0.00	61.89 0.34 0.00	37.56 0.13 0.00	31.60 0.11 0.00
WATSON__69_KV_BK 1 55734	36.14 2.30 0.00	29.82 1.73 -1.90	26.50 1.55 0.00	25.45 1.34 0.00	24.80 1.26 0.00	23.52 1.18 0.00	25.38 1.18 0.00	23.53 1.24 0.00	24.83 1.56 -0.49	21.19 1.39 -0.63	20.93 1.43 0.00	30.69 2.20 -2.28	37.62 3.06 -0.56	53.32 3.77 -12.26	43.37 3.77 0.00	41.79 3.79 0.00	46.48 4.15 0.00	47.67 4.36 0.00	46.88 3.78 0.00	45.79 3.19 0.00	59.89 4.52 0.00	65.92 4.37 0.00	40.19 2.75 0.00	33.79 2.30 0.00
WDELAWARE__HYD 323627	33.80 -0.03 0.00	26.04 -0.15 0.00	24.72 -0.23 0.00	23.84 -0.28 0.00	23.23 -0.30 0.00	22.06 -0.28 0.00	23.85 -0.35 0.00	22.06 -0.24 0.00	22.61 -0.17 0.00	19.12 -0.04 0.00	19.46 -0.04 0.00	26.35 0.14 0.00	34.49 0.49 0.00	38.12 0.83 0.00	40.55 0.94 0.00	38.99 0.98 0.00	43.52 1.19 0.00	45.00 1.68 0.00	44.62 1.53 0.00	43.82 1.21 0.00	56.90 1.53 0.00	62.70 1.16 0.00	37.99 0.56 0.00	31.88 0.39 0.00

WEST BABYLON___IC 23714	36.05 2.21 0.00	29.75 1.66 -1.90	26.43 1.47 0.00	25.40 1.28 0.00	24.74 1.21 0.00	23.47 1.13 0.00	25.32 1.13 0.00	23.47 1.17 0.00	24.73 1.47 -0.49	21.12 1.33 -0.63	20.88 1.37 0.00	30.60 2.11 -2.28	37.49 2.93 -0.56	53.13 3.58 -12.26	43.15 3.54 0.00	41.54 3.53 0.00	46.18 3.85 0.00	47.39 4.08 0.00	46.64 3.54 0.00	45.57 2.96 0.00	59.58 4.21 0.00	65.66 4.11 0.00	40.13 2.70 0.00	33.75 2.27 0.00
WEST CANADA___HYD 24049	33.81 -0.02 0.00	26.16 -0.03 0.00	24.93 -0.02 0.00	24.11 0.00 0.00	23.53 0.00 0.00	22.35 0.00 0.00	24.19 0.00 0.00	22.30 0.00 0.00	22.77 0.00 0.00	19.14 -0.02 0.00	19.46 -0.04 0.00	26.16 -0.05 0.00	33.98 -0.03 0.00	37.33 0.05 0.00	39.69 0.08 0.00	38.08 0.07 0.00	42.42 0.09 0.00	43.51 0.20 0.00	43.31 0.21 0.00	42.78 0.17 0.00	55.59 0.22 0.00	61.69 0.15 0.00	37.52 0.09 0.00	31.57 0.08 0.00
WESTERN_NY_WIND 24143	32.96 -0.87 0.00	25.67 -0.52 0.00	24.36 -0.59 0.00	23.25 -0.86 0.00	22.75 -0.78 0.00	21.52 -0.82 0.00	23.55 -0.64 0.00	21.57 -0.73 0.00	22.06 -0.71 0.00	18.58 -0.59 0.00	19.19 -0.31 0.00	25.95 -0.26 0.00	33.63 -0.37 0.00	36.99 -0.29 0.00	39.22 -0.39 0.00	37.78 -0.23 0.00	42.49 0.16 0.00	44.00 0.69 0.00	44.62 1.53 0.00	43.91 1.31 0.00	57.10 1.73 0.00	63.57 2.02 0.00	38.90 1.47 0.00	32.44 0.96 0.00
WESTOVER___LESR 323668	33.62 -0.21 0.00	26.06 -0.13 0.00	24.78 -0.17 0.00	23.90 -0.21 0.00	23.34 -0.20 0.00	22.14 -0.20 0.00	24.02 -0.17 0.00	22.12 -0.19 0.00	22.59 -0.18 0.00	19.04 -0.13 0.00	19.44 -0.07 0.00	26.29 0.08 0.00	34.27 0.26 0.00	37.68 0.40 0.00	39.90 0.29 0.00	38.33 0.32 0.00	42.96 0.63 0.00	44.19 0.87 0.00	44.08 0.99 0.00	43.45 0.84 0.00	56.25 0.88 0.00	62.34 0.79 0.00	37.97 0.54 0.00	31.84 0.36 0.00
WETHRSFD_WT_PWR 323626	32.51 -1.33 0.00	25.35 -0.84 0.00	24.07 -0.88 0.00	23.02 -1.09 0.00	22.52 -1.01 0.00	21.30 -1.04 0.00	23.29 -0.91 0.00	21.35 -0.95 0.00	21.87 -0.90 0.00	18.49 -0.68 0.00	19.10 -0.41 0.00	25.83 -0.38 0.00	33.60 -0.40 0.00	36.91 -0.37 0.00	38.97 -0.64 0.00	37.50 -0.51 0.00	42.17 -0.16 0.00	43.44 0.12 0.00	43.67 0.57 0.00	42.93 0.33 0.00	55.68 0.30 0.00	61.99 0.45 0.00	38.03 0.60 0.00	31.82 0.33 0.00
WHAVSTOR_138KV_BK127 55557	34.83 0.99 0.00	26.86 0.67 0.00	25.54 0.58 0.00	24.62 0.51 0.00	24.00 0.47 0.00	22.79 0.45 0.00	24.63 0.43 0.00	22.80 0.51 0.00	23.37 0.60 0.00	19.79 0.63 0.00	20.16 0.66 0.00	27.36 1.15 0.00	35.71 1.70 0.00	39.53 2.25 0.00	41.89 2.29 0.00	40.23 2.22 0.00	44.85 2.53 0.00	46.16 2.85 0.00	45.66 2.57 0.00	44.83 2.22 0.00	58.31 2.94 0.00	64.32 2.78 0.00	39.08 1.65 0.00	32.87 1.38 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	34.83 0.99 0.00	26.86 0.67 0.00	25.54 0.58 0.00	24.62 0.51 0.00	24.00 0.47 0.00	22.79 0.45 0.00	24.63 0.43 0.00	22.80 0.51 0.00	23.37 0.60 0.00	19.79 0.63 0.00	20.16 0.66 0.00	27.36 1.15 0.00	35.71 1.70 0.00	39.53 2.25 0.00	41.89 2.29 0.00	40.23 2.22 0.00	44.85 2.53 0.00	46.16 2.85 0.00	45.66 2.57 0.00	44.83 2.22 0.00	58.31 2.94 0.00	64.32 2.78 0.00	39.08 1.65 0.00	32.87 1.38 0.00
WHITEHAL_115KV_TB1 80871	36.65 2.82 0.00	28.15 1.97 0.00	26.76 1.81 0.00	25.92 1.81 0.00	25.30 1.76 0.00	24.08 1.74 0.00	26.11 1.92 0.00	23.96 1.66 0.00	24.35 1.57 0.00	20.28 1.12 0.00	20.35 0.84 0.00	27.45 1.24 0.00	35.61 1.60 0.00	39.37 2.09 0.00	42.66 3.05 0.00	40.91 2.90 0.00	45.69 3.36 0.00	47.42 4.11 0.00	47.87 4.78 0.00	47.24 4.63 0.00	61.51 6.13 0.00	67.36 5.82 0.00	41.07 3.64 0.00	34.78 3.29 0.00
WHITEPLN_13_KV_LOAD 356215	35.35 1.51 0.00	27.25 1.06 0.00	25.89 0.94 0.00	24.97 0.86 0.00	24.34 0.81 0.00	23.11 0.77 0.00	24.96 0.76 0.00	23.12 0.82 0.00	23.72 0.95 0.00	20.10 0.93 0.00	20.48 0.98 0.00	27.78 1.57 0.00	36.25 2.25 0.00	40.15 2.87 0.00	42.56 2.95 0.00	40.94 2.93 0.00	45.64 3.31 0.00	46.96 3.64 0.00	46.44 3.35 0.00	45.57 2.96 0.00	59.23 3.86 0.00	65.35 3.81 0.00	39.70 2.27 0.00	33.39 1.90 0.00
WM_FLOYD_69_KV_BK2 356380	35.66 1.83 0.00	29.49 1.40 -1.90	26.20 1.25 0.00	25.17 1.05 0.00	24.53 1.00 0.00	23.27 0.93 0.00	25.11 0.91 0.00	23.29 0.99 0.00	24.66 1.39 -0.49	20.96 1.16 -0.63	20.66 1.16 0.00	30.23 1.74 -2.28	37.03 2.46 -0.56	52.77 3.22 -12.26	42.79 3.18 0.00	41.19 3.18 0.00	45.89 3.56 0.00	47.05 3.74 0.00	46.23 3.14 0.00	45.16 2.55 0.00	59.14 3.77 0.00	64.98 3.43 0.00	39.49 2.06 0.00	33.20 1.72 0.00
WOODARD___115KV_TB2 355635	33.42 -0.42 0.00	25.88 -0.31 0.00	24.63 -0.33 0.00	23.76 -0.35 0.00	23.21 -0.33 0.00	22.02 -0.32 0.00	23.88 -0.32 0.00	21.99 -0.31 0.00	22.46 -0.32 0.00	18.88 -0.28 0.00	19.22 -0.28 0.00	25.80 -0.41 0.00	33.55 -0.46 0.00	36.93 -0.36 0.00	39.22 -0.39 0.00	37.69 -0.31 0.00	42.11 -0.22 0.00	43.30 -0.01 0.00	43.23 0.13 0.00	42.65 0.05 0.00	55.34 -0.03 0.00	61.40 -0.14 0.00	37.34 -0.09 0.00	31.34 -0.14 0.00
YORK___WARBASSE 23770	35.38 1.55 0.00	27.30 1.12 0.00	25.94 0.98 0.00	25.01 0.90 0.00	24.38 0.85 0.00	23.15 0.80 0.00	24.99 0.80 0.00	23.18 0.87 -0.01	23.76 0.98 0.00	20.16 0.99 0.00	20.53 1.02 0.00	27.86 1.65 0.00	36.35 2.34 0.00	40.20 2.91 -0.01	42.53 2.92 0.00	40.96 2.95 0.00	45.57 3.24 0.00	46.86 3.55 0.00	46.32 3.23 0.00	45.42 2.82 0.00	59.08 3.71 0.00	65.22 3.68 0.00	39.72 2.29 0.00	200.34 1.92 -166.93