

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$		--- Marginal Cost of Losses										--- Marginal Cost of Congestion													
Generator Data		09/03/2026																							
Name	PTID	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
59TH STREET_GT_1 24138	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	
	43.34	39.46	30.68	32.02	33.14	37.62	43.41	43.61	45.81	51.19	46.91	51.32	53.27	53.11	50.34	51.77	62.35	125.77	54.60	54.97	58.93	58.64	63.26	59.52	
	1.29	1.12	1.04	0.98	0.88	1.02	1.30	1.77	1.89	1.97	1.96	2.54	2.88	2.94	2.89	3.01	4.04	8.69	4.20	3.65	2.95	2.61	2.39	2.39	
74TH STREET_GT_1 24260																									
	43.46	39.58	30.79	32.14	33.26	37.74	43.54	43.71	45.89	51.27	46.95	51.36	53.32	53.12	50.31	51.74	62.34	125.77	54.62	55.04	59.04	58.83	63.55	59.76	
	1.41	1.24	1.15	1.10	1.01	1.13	1.43	1.87	1.97	2.04	2.00	2.58	2.93	2.95	2.86	2.98	4.03	8.69	4.22	3.72	3.06	2.80	2.68	2.63	
74TH STREET_GT_2 24261																									
	43.46	39.58	30.79	32.14	33.26	37.74	43.54	43.71	45.89	51.27	46.95	51.36	53.32	53.12	50.31	51.74	62.34	125.77	54.62	55.04	59.04	58.83	63.55	59.76	
	1.41	1.24	1.15	1.10	1.01	1.13	1.43	1.87	1.97	2.04	2.00	2.58	2.93	2.95	2.86	2.98	4.03	8.69	4.22	3.72	3.06	2.80	2.68	2.63	
ADK HUDSON___FALLS 24011																									
	43.98	40.34	31.28	32.73	33.96	38.46	43.88	43.49	45.78	51.14	46.09	49.83	51.83	51.08	48.01	49.24	59.27	120.90	52.94	54.23	59.28	59.23	64.05	59.75	
	1.93	2.00	1.64	1.69	1.70	1.85	1.77	1.65	1.86	1.91	1.14	1.05	1.44	0.91	0.57	0.48	0.96	3.81	2.54	2.91	3.30	3.20	3.18	2.62	
ADK RESOURCE___RCVRY 23798																									
	44.28	40.65	31.51	32.96	34.20	38.76	44.17	43.69	46.02	51.40	46.29	50.00	52.11	51.32	48.19	49.38	59.59	121.61	53.28	54.68	59.72	59.74	64.63	60.20	
	2.23	2.30	1.87	1.92	1.95	2.16	2.06	1.85	2.10	2.17	1.34	1.22	1.72	1.15	0.74	0.61	1.28	4.52	2.88	3.36	3.74	3.71	3.76	3.07	
ADK S GLENS___FALLS 24028																									
	43.98	40.34	31.28	32.73	33.96	38.46	43.88	43.49	45.78	51.14	46.09	49.83	51.83	51.08	48.01	49.24	59.27	120.90	52.94	54.23	59.28	59.23	64.05	59.75	
	1.93	2.00	1.64	1.69	1.70	1.85	1.77	1.65	1.86	1.91	1.14	1.05	1.44	0.91	0.57	0.48	0.96	3.81	2.54	2.91	3.30	3.20	3.18	2.62	
ADK_NYS___DAM 23527																									
	43.70	40.31	31.32	32.81	34.01	38.06	42.90	42.45	44.85	50.10	45.03	48.49	50.48	49.97	47.34	48.49	57.35	115.53	50.40	51.70	56.84	57.01	61.83	58.02	
	1.65	1.96	1.68	1.78	1.76	1.46	0.79	0.60	0.92	0.88	0.07	-0.29	0.09	-0.20	-0.11	-0.28	-0.96	-1.56	0.00	0.38	0.86	0.98	0.96	0.89	
AIR_PRODUCTS___DRP 24190																									
	42.09	38.59	30.03	31.44	32.58	36.72	41.81	41.55	43.71	48.71	44.17	47.92	49.70	49.36	46.81	47.99	57.28	115.61	50.17	51.16	55.68	55.62	60.19	56.52	
	0.05	0.24	0.38	0.40	0.33	0.11	-0.30	-0.29	-0.21	-0.51	-0.78	-0.86	-0.69	-0.81	-0.64	-0.78	-1.04	-1.48	-0.23	-0.16	-0.30	-0.40	-0.68	-0.60	
AKWESSNE_115KV_BK 355683																									
	42.36	38.52	29.69	31.09	32.34	36.76	42.35	42.08	44.22	49.42	45.27	48.90	50.33	50.01	47.10	48.39	57.59	115.08	49.21	50.57	55.64	55.75	61.17	57.43	
	0.31	0.17	0.05	0.05	0.08	0.15	0.25	0.24	0.30	0.19	0.31	0.12	-0.06	-0.16	-0.34	-0.38	-0.72	-2.00	-1.18	-0.75	-0.35	-0.28	0.29	0.30	
ALBANY_1_SOLAR 323833																									
	42.97	39.31	30.53	31.96	33.15	37.48	42.85	42.59	44.64	49.63	44.99	48.76	49.90	49.39	46.84	48.04	57.57	116.31	50.63	51.58	56.15	56.09	60.71	57.30	
	0.92	0.96	0.89	0.92	0.90	0.87	0.74	0.75	0.72	0.41	0.04	-0.02	-0.49	-0.78	-0.60	-0.73	-0.74	-0.78	0.23	0.26	0.16	0.05	-0.16	0.17	
ALBANY_2_SOLAR 323834																									
	42.95	39.31	30.52	31.95	33.14	37.47	42.83	42.58	44.63	49.62	44.99	48.75	49.89	49.37	46.83	48.03	57.55	116.25	50.60	51.55	56.10	56.06	60.68	57.27	
	0.90	0.96	0.88	0.91	0.89	0.86	0.72	0.74	0.71	0.39	0.04	-0.03	-0.50	-0.80	-0.61	-0.74	-0.76	-0.83	0.20	0.23	0.12	0.03	-0.20	0.15	
ALBANY___1 23571																									
	42.09	38.59	30.03	31.44	32.58	36.72	41.81	41.55	43.71	48.71	44.17	47.92	49.70	49.36	46.81	47.99	57.28	115.61	50.17	51.16	55.68	55.62	60.19	56.52	
	0.05	0.24	0.38	0.40	0.33	0.11	-0.30	-0.29	-0.21	-0.51	-0.78	-0.86	-0.69	-0.81	-0.64	-0.78	-1.04	-1.48	-0.23	-0.16	-0.30	-0.40	-0.68	-0.60	

ALBANY___2 23572	42.09 0.05 0.00	38.59 0.24 0.00	30.03 0.38 0.00	31.44 0.40 0.00	32.58 0.33 0.00	36.72 0.11 0.00	41.81 -0.30 0.00	41.55 -0.29 0.00	43.71 -0.21 0.00	48.71 -0.51 0.00	44.17 -0.78 0.00	47.92 -0.86 0.00	49.70 -0.69 0.00	49.36 -0.81 0.00	46.81 -0.64 0.00	47.99 -0.78 0.00	57.28 -1.04 0.00	115.61 -1.48 0.00	50.17 -0.23 0.00	51.16 -0.16 0.00	55.68 -0.30 0.00	55.62 -0.40 0.00	60.19 -0.68 0.00	56.52 -0.60 0.00
ALBANY___3 23573	42.09 0.05 0.00	38.59 0.24 0.00	30.03 0.38 0.00	31.44 0.40 0.00	32.58 0.33 0.00	36.72 0.11 0.00	41.81 -0.30 0.00	41.55 -0.29 0.00	43.71 -0.21 0.00	48.71 -0.51 0.00	44.17 -0.78 0.00	47.92 -0.86 0.00	49.70 -0.69 0.00	49.36 -0.81 0.00	46.81 -0.64 0.00	47.99 -0.78 0.00	57.28 -1.04 0.00	115.61 -1.48 0.00	50.17 -0.23 0.00	51.16 -0.16 0.00	55.68 -0.30 0.00	55.62 -0.40 0.00	60.19 -0.68 0.00	56.52 -0.60 0.00
ALBANY___4 23574	42.09 0.05 0.00	38.59 0.24 0.00	30.03 0.38 0.00	31.44 0.40 0.00	32.58 0.33 0.00	36.72 0.11 0.00	41.81 -0.30 0.00	41.55 -0.29 0.00	43.71 -0.21 0.00	48.71 -0.51 0.00	44.17 -0.78 0.00	47.92 -0.86 0.00	49.70 -0.69 0.00	49.36 -0.81 0.00	46.81 -0.64 0.00	47.99 -0.78 0.00	57.28 -1.04 0.00	115.61 -1.48 0.00	50.17 -0.23 0.00	51.16 -0.16 0.00	55.68 -0.30 0.00	55.62 -0.40 0.00	60.19 -0.68 0.00	56.52 -0.60 0.00
ALBANY___LFGE 323615	42.62 0.57 0.00	39.08 0.73 0.00	30.39 0.74 0.00	31.81 0.77 0.00	32.98 0.73 0.00	37.15 0.54 0.00	42.29 0.18 0.00	42.04 0.20 0.00	44.26 0.34 0.00	49.34 0.12 0.00	44.76 -0.19 0.00	48.57 -0.22 0.00	50.34 -0.05 0.00	50.00 -0.17 0.00	47.42 -0.02 0.00	48.61 -0.15 0.00	58.05 -0.26 0.00	117.29 0.20 0.00	50.89 0.50 0.00	51.90 0.58 0.00	56.47 0.49 0.00	56.39 0.36 0.00	60.97 0.10 0.00	57.22 0.10 0.00
ALCOA_PA_115KV_PL-6C 55860	42.52 0.47 0.00	38.72 0.38 0.00	29.86 0.21 0.00	31.25 0.21 0.00	32.52 0.27 0.00	36.99 0.39 0.00	42.62 0.51 0.00	42.35 0.51 0.00	44.49 0.57 0.00	49.71 0.49 0.00	45.40 0.45 0.00	49.05 0.27 0.00	50.52 0.13 0.00	50.15 -0.01 0.00	47.16 -0.29 0.00	48.40 -0.37 0.00	57.61 -0.70 0.00	115.19 -1.90 0.00	49.34 -1.06 0.00	50.72 -0.60 0.00	55.83 -0.15 0.00	56.04 0.01 0.00	61.57 0.70 0.00	57.80 0.67 0.00
ALCOA_RYNLDS___DRP 24188	42.52 0.47 0.00	38.72 0.38 0.00	29.86 0.21 0.00	31.25 0.21 0.00	32.52 0.27 0.00	36.99 0.38 0.00	42.62 0.51 0.00	42.35 0.51 0.00	44.50 0.57 0.00	49.71 0.49 0.00	45.39 0.44 0.00	49.07 0.29 0.00	50.52 0.13 0.00	50.15 -0.01 0.00	47.16 -0.29 0.00	48.40 -0.37 0.00	57.61 -0.70 0.00	115.19 -1.90 0.00	49.34 -1.06 0.00	50.72 -0.60 0.00	55.83 -0.15 0.00	56.04 0.01 0.00	61.57 0.70 0.00	57.80 0.67 0.00
ALCOA___DSASP 323711	42.52 0.47 0.00	38.72 0.38 0.00	29.86 0.21 0.00	31.25 0.21 0.00	32.52 0.27 0.00	36.99 0.38 0.00	42.62 0.51 0.00	42.35 0.51 0.00	44.50 0.57 0.00	49.71 0.49 0.00	45.39 0.44 0.00	49.07 0.29 0.00	50.52 0.13 0.00	50.15 -0.01 0.00	47.16 -0.29 0.00	48.40 -0.37 0.00	57.61 -0.70 0.00	115.19 -1.90 0.00	49.34 -1.06 0.00	50.72 -0.60 0.00	55.83 -0.15 0.00	56.04 0.01 0.00	61.57 0.70 0.00	57.80 0.67 0.00
ALLEGHENY___COGEN 23514	43.35 1.31 0.00	39.37 1.03 0.00	29.94 0.30 0.00	31.58 0.54 0.00	32.99 0.74 0.00	37.62 1.01 0.00	43.99 1.88 0.00	43.61 1.77 0.00	45.74 1.82 0.00	52.29 3.07 0.00	47.68 2.72 0.00	51.63 2.85 0.00	53.15 2.76 0.00	53.16 2.99 0.00	50.18 2.74 0.00	51.66 2.90 0.00	61.61 3.30 0.00	125.44 8.35 0.00	54.12 3.73 0.00	54.90 3.58 0.00	59.34 3.35 0.00	58.68 2.64 0.00	63.72 2.85 0.00	59.65 2.53 0.00
ALTAMONT_115KV_TB 2 55880	42.42 0.37 0.00	38.77 0.43 0.00	30.09 0.44 0.00	31.49 0.45 0.00	32.66 0.41 0.00	36.96 0.35 0.00	42.33 0.22 0.00	42.12 0.28 0.00	44.21 0.29 0.00	49.35 0.13 0.00	44.93 -0.02 0.00	48.86 0.08 0.00	50.55 0.16 0.00	50.27 0.11 0.00	47.60 0.16 0.00	48.83 0.07 0.00	58.49 0.18 0.00	117.95 0.87 0.00	51.10 0.70 0.00	51.90 0.58 0.00	56.45 0.47 0.00	56.42 0.39 0.00	61.10 0.22 0.00	57.37 0.24 0.00
ALTONA_WT_PWR 323606	42.36 0.32 0.00	38.44 0.10 0.00	29.55 -0.09 0.00	30.97 -0.06 0.00	32.22 -0.03 0.00	36.70 0.09 0.00	42.37 0.26 0.00	42.13 0.30 0.00	44.30 0.38 0.00	49.61 0.39 0.00	45.35 0.40 0.00	49.12 0.34 0.00	50.63 0.24 0.00	50.22 0.05 0.00	47.38 -0.06 0.00	48.54 -0.23 0.00	58.02 -0.29 0.00	116.15 -0.94 0.00	49.86 -0.54 0.00	51.03 -0.29 0.00	55.90 -0.08 0.00	56.04 0.01 0.00	61.58 0.70 0.00	57.96 0.84 0.00
AMERICAN_REF_FUEL 24010	35.60 -0.38 6.07	31.72 -0.48 6.15	23.96 -0.71 4.97	27.37 -0.42 3.25	27.74 -0.28 4.22	29.96 -0.28 6.36	39.29 0.24 3.06	41.27 -0.18 0.39	39.45 -0.49 3.97	40.42 0.71 9.51	43.73 0.84 2.06	49.44 0.66 0.00	50.61 0.22 0.00	50.52 0.35 0.00	48.00 0.55 0.00	49.53 0.76 0.00	58.28 -0.03 0.00	117.87 0.78 0.00	50.38 -0.02 0.00	50.37 -0.95 0.00	49.57 -1.61 4.80	50.10 -1.57 4.36	48.37 -0.98 11.52	40.70 -0.57 15.85
ARKWRIGHT___SUMMIT_WT_PWR 323751	33.33 -0.11 8.61	29.22 -0.39 8.73	21.63 -0.95 7.06	26.01 -0.41 4.62	26.30 0.05 6.00	27.63 0.05 9.03	38.50 0.74 4.35	41.95 0.67 0.56	39.19 0.91 5.65	37.76 2.04 13.51	44.43 2.40 2.92	51.55 2.77 0.00	53.01 2.62 0.00	52.55 2.39 0.00	49.85 2.40 0.00	51.35 2.58 0.00	61.80 3.49 0.00	125.73 8.64 0.00	53.30 2.90 0.00	52.43 1.11 0.00	49.69 0.53 6.81	51.00 1.16 6.19	45.95 1.44 16.37	35.86 1.26 22.53
ARTHUR KILL_GT_1 23520	43.00 0.95 0.00	39.18 0.84 0.00	30.50 0.86 0.00	31.80 0.76 0.00	32.91 0.66 0.00	37.35 0.74 0.00	43.09 0.98 0.00	43.20 1.36 0.00	45.28 1.36 0.00	50.55 1.33 0.00	46.26 1.31 0.00	50.68 1.90 0.00	52.63 2.24 0.00	52.50 2.33 0.00	49.79 2.35 0.00	51.16 2.39 0.00	61.47 3.16 0.00	124.44 7.36 0.00	54.15 3.76 0.00	54.52 3.19 0.00	58.48 2.50 0.00	58.33 2.30 0.00	62.90 2.02 0.00	-44.75 2.30 104.17
ARTHUR_KILL_2 23512	42.87 0.82 0.00	39.06 0.72 0.00	30.41 0.76 0.00	31.70 0.66 0.00	32.81 0.56 0.00	37.22 0.62 0.00	42.96 0.85 0.00	43.07 1.22 0.00	45.15 1.23 0.00	50.40 1.18 0.00	46.15 1.20 0.00	50.52 1.74 0.00	52.46 2.08 0.00	52.34 2.17 0.00	49.61 2.17 0.00	50.93 2.17 0.00	61.21 2.90 0.00	123.89 6.80 0.00	53.90 3.51 0.00	54.28 2.95 0.00	58.20 2.22 0.00	58.04 2.01 0.00	62.61 1.74 0.00	-45.00 2.04 104.17
ARTHUR_KILL_3 23513	42.94 0.89 0.00	39.12 0.78 0.00	30.43 0.79 0.00	31.77 0.73 0.00	32.86 0.61 0.00	37.27 0.67 0.00	42.96 0.85 0.00	43.14 1.30 0.00	45.26 1.33 0.00	50.52 1.30 0.00	46.28 1.33 0.00	50.62 1.84 0.00	52.55 2.16 0.00	52.42 2.25 0.00	49.71 2.27 0.00	51.11 2.35 0.00	61.56 3.25 0.00	124.09 7.00 0.00	54.00 3.60 0.00	54.43 3.11 0.00	58.28 2.30 0.00	57.96 1.93 0.00	62.20 1.62 0.30	-45.38 1.75 104.26

ARTHUR_KILL_COGEN 323718	43.00 0.95 0.00	39.18 0.84 0.00	30.50 0.85 0.00	31.80 0.76 0.00	32.91 0.66 0.00	37.34 0.74 0.00	43.09 0.98 0.00	43.20 1.36 0.00	45.29 1.37 0.00	50.57 1.34 0.00	46.30 1.35 0.00	50.69 1.91 0.00	52.63 2.24 0.00	52.52 2.35 0.00	49.79 2.34 0.00	51.16 2.39 0.00	61.47 3.16 0.00	124.45 7.36 0.00	54.16 3.76 0.00	54.52 3.20 0.00	58.47 2.48 0.00	58.30 2.27 0.00	62.88 2.01 0.00	-44.75 2.29 104.17
ASHOKAN____ 23654	42.91 0.86 0.00	39.11 0.77 0.00	30.34 0.70 0.00	31.72 0.68 0.00	32.89 0.64 0.00	37.28 0.68 0.00	42.88 0.77 0.00	42.91 1.08 0.00	45.10 1.18 0.00	50.36 1.13 0.00	45.89 0.93 0.00	49.83 1.05 0.00	51.82 1.43 0.00	51.81 1.64 0.00	49.20 1.75 0.00	50.82 2.06 0.00	61.41 3.10 0.00	124.00 6.91 0.00	53.98 3.59 0.00	54.60 3.28 0.00	58.93 2.95 0.00	58.57 2.53 0.00	63.04 2.16 0.00	58.97 1.84 0.00
ASTORIA_EAST_ENERGY_CC1 323581	42.93 0.88 0.00	39.12 0.77 0.00	30.51 0.87 0.00	31.77 0.73 0.00	32.84 0.59 0.00	37.30 0.70 0.00	43.04 0.93 0.00	43.16 1.33 0.00	45.31 1.39 0.00	50.60 1.37 0.00	46.31 1.35 0.00	50.52 1.75 0.00	52.37 1.98 0.00	52.33 2.17 0.00	49.47 2.03 0.00	50.86 2.09 0.00	61.23 2.93 0.00	123.77 6.68 0.00	53.73 3.33 0.00	54.17 2.85 0.00	58.14 2.17 0.01	58.00 1.98 0.01	62.56 1.69 0.00	58.98 1.86 0.00
ASTORIA_EAST_ENERGY_CC2 323582	42.93 0.88 0.00	39.12 0.77 0.00	30.50 0.86 0.00	31.76 0.73 0.00	32.83 0.58 0.00	37.30 0.70 0.00	43.04 0.93 0.00	43.16 1.33 0.00	45.31 1.39 0.00	50.60 1.37 0.00	46.31 1.35 0.00	50.52 1.75 0.00	52.37 1.98 0.00	52.33 2.17 0.00	49.47 2.03 0.00	50.86 2.09 0.00	61.23 2.93 0.00	123.77 6.68 0.00	53.73 3.33 0.00	54.17 2.85 0.00	58.14 2.17 0.01	58.00 1.98 0.01	62.56 1.69 0.00	58.98 1.86 0.00
ASTORIA_GT2_1 24094	42.94 0.89 0.00	39.13 0.79 0.00	30.52 0.88 0.00	31.78 0.74 0.00	32.82 0.56 0.00	37.31 0.71 0.00	43.06 0.95 0.00	43.17 1.33 0.00	45.32 1.39 0.00	50.61 1.38 0.00	46.29 1.33 0.00	50.53 1.75 0.00	52.39 2.01 0.00	52.37 2.20 0.00	49.51 2.07 0.00	50.88 2.12 0.00	61.29 2.98 0.00	123.88 6.80 0.00	53.77 3.37 0.00	54.18 2.86 0.00	58.21 2.23 0.01	58.05 2.02 0.01	62.61 1.73 0.00	59.02 1.90 0.00
ASTORIA_GT2_2 24095	42.94 0.89 0.00	39.13 0.79 0.00	30.52 0.88 0.00	31.78 0.74 0.00	32.82 0.56 0.00	37.31 0.71 0.00	43.06 0.95 0.00	43.17 1.33 0.00	45.32 1.39 0.00	50.61 1.38 0.00	46.29 1.33 0.00	50.53 1.75 0.00	52.39 2.01 0.00	52.37 2.20 0.00	49.51 2.07 0.00	50.88 2.12 0.00	61.29 2.98 0.00	123.88 6.80 0.00	53.77 3.37 0.00	54.18 2.86 0.00	58.21 2.23 0.01	58.05 2.02 0.01	62.61 1.73 0.00	59.02 1.90 0.00
ASTORIA_GT2_3 24096	42.94 0.89 0.00	39.13 0.79 0.00	30.52 0.88 0.00	31.78 0.74 0.00	32.82 0.56 0.00	37.31 0.71 0.00	43.06 0.95 0.00	43.17 1.33 0.00	45.32 1.39 0.00	50.61 1.38 0.00	46.29 1.33 0.00	50.53 1.75 0.00	52.39 2.01 0.00	52.37 2.20 0.00	49.51 2.07 0.00	50.88 2.12 0.00	61.29 2.98 0.00	123.88 6.80 0.00	53.77 3.37 0.00	54.18 2.86 0.00	58.21 2.23 0.01	58.05 2.02 0.01	62.61 1.73 0.00	59.02 1.90 0.00
ASTORIA_GT2_4 24097	42.94 0.89 0.00	39.13 0.79 0.00	30.52 0.88 0.00	31.78 0.74 0.00	32.82 0.56 0.00	37.31 0.71 0.00	43.06 0.95 0.00	43.17 1.33 0.00	45.32 1.39 0.00	50.61 1.38 0.00	46.29 1.33 0.00	50.53 1.75 0.00	52.39 2.01 0.00	52.37 2.20 0.00	49.51 2.07 0.00	50.88 2.12 0.00	61.29 2.98 0.00	123.88 6.80 0.00	53.77 3.37 0.00	54.18 2.86 0.00	58.21 2.23 0.01	58.05 2.02 0.01	62.61 1.73 0.00	59.02 1.90 0.00
ASTORIA_GT3_1 24098	42.94 0.89 0.00	39.13 0.79 0.00	30.52 0.88 0.00	31.78 0.74 0.00	32.82 0.56 0.00	37.31 0.71 0.00	43.06 0.95 0.00	43.17 1.33 0.00	45.32 1.39 0.00	50.61 1.38 0.00	46.29 1.33 0.00	50.53 1.75 0.00	52.39 2.01 0.00	52.37 2.20 0.00	49.51 2.07 0.00	50.88 2.12 0.00	61.29 2.98 0.00	123.88 6.80 0.00	53.77 3.37 0.00	54.18 2.86 0.00	58.21 2.23 0.01	58.05 2.02 0.01	62.61 1.73 0.00	59.02 1.90 0.00
ASTORIA_GT3_2 24099	42.94 0.89 0.00	39.13 0.79 0.00	30.52 0.88 0.00	31.78 0.74 0.00	32.82 0.56 0.00	37.31 0.71 0.00	43.06 0.95 0.00	43.17 1.33 0.00	45.32 1.39 0.00	50.61 1.38 0.00	46.29 1.33 0.00	50.53 1.75 0.00	52.39 2.01 0.00	52.37 2.20 0.00	49.51 2.07 0.00	50.88 2.12 0.00	61.29 2.98 0.00	123.88 6.80 0.00	53.77 3.37 0.00	54.18 2.86 0.00	58.21 2.23 0.01	58.05 2.02 0.01	62.61 1.73 0.00	59.02 1.90 0.00
ASTORIA_GT3_3 24100	42.94 0.89 0.00	39.13 0.79 0.00	30.52 0.88 0.00	31.78 0.74 0.00	32.82 0.56 0.00	37.31 0.71 0.00	43.06 0.95 0.00	43.17 1.33 0.00	45.32 1.39 0.00	50.61 1.38 0.00	46.29 1.33 0.00	50.53 1.75 0.00	52.39 2.01 0.00	52.37 2.20 0.00	49.51 2.07 0.00	50.88 2.12 0.00	61.29 2.98 0.00	123.88 6.80 0.00	53.77 3.37 0.00	54.18 2.86 0.00	58.21 2.23 0.01	58.05 2.02 0.01	62.61 1.73 0.00	59.02 1.90 0.00
ASTORIA_GT3_4 24101	42.94 0.89 0.00	39.13 0.79 0.00	30.52 0.88 0.00	31.78 0.74 0.00	32.82 0.56 0.00	37.31 0.71 0.00	43.06 0.95 0.00	43.17 1.33 0.00	45.32 1.39 0.00	50.61 1.38 0.00	46.29 1.33 0.00	50.53 1.75 0.00	52.39 2.01 0.00	52.37 2.20 0.00	49.51 2.07 0.00	50.88 2.12 0.00	61.29 2.98 0.00	123.88 6.80 0.00	53.77 3.37 0.00	54.18 2.86 0.00	58.21 2.23 0.01	58.05 2.02 0.01	62.61 1.73 0.00	59.02 1.90 0.00
ASTORIA_GT4_1 24102	42.94 0.89 0.00	39.13 0.79 0.00	30.52 0.88 0.00	31.78 0.74 0.00	32.82 0.56 0.00	37.31 0.71 0.00	43.06 0.95 0.00	43.17 1.33 0.00	45.32 1.39 0.00	50.61 1.38 0.00	46.29 1.33 0.00	50.53 1.75 0.00	52.39 2.01 0.00	52.37 2.20 0.00	49.51 2.07 0.00	50.88 2.12 0.00	61.29 2.98 0.00	123.88 6.80 0.00	53.77 3.37 0.00	54.18 2.86 0.00	58.21 2.23 0.01	58.05 2.02 0.01	62.61 1.73 0.00	59.02 1.90 0.00
ASTORIA_GT4_2 24103	42.94 0.89 0.00	39.13 0.79 0.00	30.52 0.88 0.00	31.78 0.74 0.00	32.82 0.56 0.00	37.31 0.71 0.00	43.06 0.95 0.00	43.17 1.33 0.00	45.32 1.39 0.00	50.61 1.38 0.00	46.29 1.33 0.00	50.53 1.75 0.00	52.39 2.01 0.00	52.37 2.20 0.00	49.51 2.07 0.00	50.88 2.12 0.00	61.29 2.98 0.00	123.88 6.80 0.00	53.77 3.37 0.00	54.18 2.86 0.00	58.21 2.23 0.01	58.05 2.02 0.01	62.61 1.73 0.00	59.02 1.90 0.00
ASTORIA_GT4_3 24104	42.94 0.89 0.00	39.13 0.79 0.00	30.52 0.88 0.00	31.78 0.74 0.00	32.82 0.56 0.00	37.31 0.71 0.00	43.06 0.95 0.00	43.17 1.33 0.00	45.32 1.39 0.00	50.61 1.38 0.00	46.29 1.33 0.00	50.53 1.75 0.00	52.39 2.01 0.00	52.37 2.20 0.00	49.51 2.07 0.00	50.88 2.12 0.00	61.29 2.98 0.00	123.88 6.80 0.00	53.77 3.37 0.00	54.18 2.86 0.00	58.21 2.23 0.01	58.05 2.02 0.01	62.61 1.73 0.00	59.02 1.90 0.00

ASTORIA_GT4_4 24105	42.94 0.89 0.00	39.13 0.79 0.00	30.52 0.88 0.00	31.78 0.74 0.00	32.82 0.56 0.00	37.31 0.71 0.00	43.06 0.95 0.00	43.17 1.33 0.00	45.32 1.39 0.00	50.61 1.38 0.00	46.29 1.33 0.00	50.53 1.75 0.00	52.39 2.01 0.00	52.37 2.20 0.00	49.51 2.07 0.00	50.88 2.12 0.00	61.29 2.98 0.00	123.88 6.80 0.00	53.77 3.37 0.00	54.18 2.86 0.00	58.21 2.23 0.01	58.05 2.02 0.01	62.61 1.73 0.00	59.02 1.90 0.00
ASTORIA_GT_1 23523	43.03 0.98 0.00	39.21 0.86 0.00	30.58 0.94 0.00	31.83 0.79 0.00	32.88 0.63 0.00	37.38 0.78 0.00	43.15 1.05 0.00	43.28 1.44 0.00	45.42 1.50 0.00	50.72 1.50 0.00	46.41 1.45 0.00	50.66 1.88 0.00	52.53 2.14 0.00	52.51 2.34 0.00	49.64 2.20 0.00	51.02 2.27 0.00	61.46 3.15 0.00	124.24 7.15 0.00	53.92 3.53 0.00	54.33 3.01 0.00	58.37 2.39 0.01	58.20 2.18 0.01	62.77 1.89 0.00	59.18 2.05 0.00
ASTORIA_GT_10 24110	43.05 1.00 0.00	39.23 0.88 0.00	30.56 0.92 0.00	31.84 0.80 0.00	32.94 0.69 0.00	37.40 0.79 0.00	43.15 1.04 0.00	43.31 1.47 0.00	45.45 1.53 0.00	50.71 1.49 0.00	46.46 1.51 0.00	50.73 1.95 0.00	52.63 2.24 0.00	52.49 2.33 0.00	49.71 2.26 0.00	51.11 2.34 0.00	61.49 3.18 0.00	124.14 7.05 0.00	53.92 3.52 0.00	54.31 2.99 0.00	58.27 2.29 0.00	58.08 2.05 0.00	62.70 1.82 0.00	59.06 1.93 0.00
ASTORIA_GT_11 24225	43.05 1.00 0.00	39.23 0.88 0.00	30.56 0.92 0.00	31.84 0.80 0.00	32.94 0.69 0.00	37.40 0.79 0.00	43.15 1.04 0.00	43.31 1.47 0.00	45.45 1.53 0.00	50.71 1.49 0.00	46.46 1.51 0.00	50.73 1.95 0.00	52.63 2.24 0.00	52.49 2.33 0.00	49.71 2.26 0.00	51.11 2.34 0.00	61.49 3.18 0.00	124.14 7.05 0.00	53.92 3.52 0.00	54.31 2.99 0.00	58.27 2.29 0.00	58.08 2.05 0.00	62.70 1.82 0.00	59.06 1.93 0.00
ASTORIA_GT_12 24226	43.05 1.00 0.00	39.23 0.88 0.00	30.56 0.92 0.00	31.84 0.80 0.00	32.94 0.69 0.00	37.40 0.79 0.00	43.15 1.04 0.00	43.31 1.47 0.00	45.45 1.53 0.00	50.71 1.49 0.00	46.46 1.51 0.00	50.73 1.95 0.00	52.63 2.24 0.00	52.49 2.33 0.00	49.71 2.26 0.00	51.11 2.34 0.00	61.49 3.18 0.00	124.14 7.05 0.00	53.92 3.52 0.00	54.31 2.99 0.00	58.27 2.29 0.00	58.08 2.05 0.00	62.70 1.82 0.00	59.06 1.93 0.00
ASTORIA_GT_13 24227	43.05 1.00 0.00	39.23 0.88 0.00	30.56 0.92 0.00	31.84 0.80 0.00	32.94 0.69 0.00	37.40 0.79 0.00	43.15 1.04 0.00	43.31 1.47 0.00	45.45 1.53 0.00	50.71 1.49 0.00	46.46 1.51 0.00	50.73 1.95 0.00	52.63 2.24 0.00	52.49 2.33 0.00	49.71 2.26 0.00	51.11 2.34 0.00	61.49 3.18 0.00	124.14 7.05 0.00	53.92 3.52 0.00	54.31 2.99 0.00	58.27 2.29 0.00	58.08 2.05 0.00	62.70 1.82 0.00	59.06 1.93 0.00
ASTORIA_GT_5 24106	43.03 0.98 0.00	39.21 0.86 0.00	30.58 0.94 0.00	31.83 0.79 0.00	32.88 0.63 0.00	37.38 0.78 0.00	43.15 1.05 0.00	43.28 1.44 0.00	45.42 1.50 0.00	50.72 1.50 0.00	46.41 1.45 0.00	50.66 1.88 0.00	52.53 2.14 0.00	52.51 2.34 0.00	49.64 2.20 0.00	51.02 2.27 0.00	61.46 3.15 0.00	124.24 7.15 0.00	53.92 3.53 0.00	54.33 3.01 0.00	58.37 2.39 0.01	58.20 2.18 0.01	62.77 1.89 0.00	59.18 2.05 0.00
ASTORIA_GT_7 24107	43.03 0.98 0.00	39.21 0.86 0.00	30.58 0.94 0.00	31.83 0.79 0.00	32.88 0.63 0.00	37.38 0.78 0.00	43.15 1.05 0.00	43.28 1.44 0.00	45.42 1.50 0.00	50.72 1.50 0.00	46.41 1.45 0.00	50.66 1.88 0.00	52.53 2.14 0.00	52.51 2.34 0.00	49.64 2.20 0.00	51.02 2.27 0.00	61.46 3.15 0.00	124.24 7.15 0.00	53.92 3.53 0.00	54.33 3.01 0.00	58.37 2.39 0.01	58.20 2.18 0.01	62.77 1.89 0.00	59.18 2.05 0.00
ASTORIA_GT_8 24108	43.03 0.98 0.00	39.21 0.86 0.00	30.58 0.94 0.00	31.83 0.79 0.00	32.88 0.63 0.00	37.38 0.78 0.00	43.15 1.05 0.00	43.28 1.44 0.00	45.42 1.50 0.00	50.72 1.50 0.00	46.41 1.45 0.00	50.66 1.88 0.00	52.53 2.14 0.00	52.51 2.34 0.00	49.64 2.20 0.00	51.02 2.27 0.00	61.46 3.15 0.00	124.24 7.15 0.00	53.92 3.53 0.00	54.33 3.01 0.00	58.37 2.39 0.01	58.20 2.18 0.01	62.77 1.89 0.00	59.18 2.05 0.00
ASTORIA___2 24149	42.94 0.90 0.00	39.14 0.79 0.00	30.52 0.88 0.00	31.77 0.73 0.00	32.84 0.59 0.00	37.31 0.71 0.00	43.07 0.96 0.00	43.18 1.34 0.00	45.33 1.40 0.00	50.62 1.40 0.00	46.33 1.38 0.00	50.55 1.77 0.00	52.40 2.01 0.00	52.37 2.20 0.00	49.51 2.07 0.00	50.88 2.12 0.00	61.28 2.97 0.00	123.87 6.78 0.00	53.75 3.36 0.00	54.18 2.86 0.00	58.18 2.20 0.01	58.03 2.01 0.01	62.59 1.72 0.00	59.01 1.88 0.00
ASTORIA___3 23516	42.94 0.90 0.00	39.14 0.79 0.00	30.52 0.88 0.00	31.77 0.73 0.00	32.84 0.59 0.00	37.31 0.71 0.00	43.07 0.96 0.00	43.18 1.34 0.00	45.33 1.40 0.00	50.62 1.40 0.00	46.33 1.38 0.00	50.55 1.77 0.00	52.40 2.01 0.00	52.37 2.20 0.00	49.51 2.07 0.00	50.88 2.12 0.00	61.28 2.97 0.00	123.87 6.78 0.00	53.75 3.36 0.00	54.18 2.86 0.00	58.18 2.20 0.01	58.03 2.01 0.01	62.59 1.72 0.00	59.01 1.88 0.00
ASTORIA___4 23517	42.94 0.89 0.00	39.13 0.79 0.00	30.52 0.88 0.00	31.78 0.74 0.00	32.82 0.56 0.00	37.31 0.71 0.00	43.06 0.95 0.00	43.17 1.33 0.00	45.32 1.39 0.00	50.61 1.38 0.00	46.29 1.33 0.00	50.53 1.75 0.00	52.39 2.01 0.00	52.37 2.20 0.00	49.51 2.07 0.00	50.88 2.12 0.00	61.29 2.98 0.00	123.88 6.80 0.00	53.77 3.37 0.00	54.18 2.86 0.00	58.21 2.23 0.01	58.05 2.02 0.01	62.61 1.73 0.00	59.02 1.90 0.00
ASTORIA___5 23518	43.05 1.00 0.00	39.22 0.87 0.00	30.55 0.91 0.00	31.84 0.80 0.00	32.94 0.69 0.00	37.40 0.79 0.00	43.14 1.04 0.00	43.31 1.47 0.00	45.46 1.54 0.00	50.73 1.50 0.00	46.49 1.54 0.00	50.73 1.95 0.00	52.63 2.24 0.00	52.49 2.32 0.00	49.72 2.27 0.00	51.11 2.34 0.00	61.49 3.18 0.00	124.13 7.04 0.00	53.91 3.52 0.00	54.32 3.00 0.00	58.26 2.28 0.00	58.06 2.03 0.00	62.68 1.81 0.00	59.04 1.91 0.00
AST_ENERGY_2_CC3 323677	43.09 1.04 0.00	39.25 0.90 0.00	30.55 0.91 0.00	31.88 0.84 0.00	32.98 0.72 0.00	37.41 0.81 0.00	43.14 1.04 0.00	43.30 1.46 0.00	45.45 1.53 0.00	50.75 1.53 0.00	46.50 1.54 0.00	50.81 2.03 0.00	52.74 2.36 0.00	52.52 2.35 0.00	49.70 2.25 0.00	51.11 2.35 0.00	61.56 3.24 0.00	124.25 7.16 0.00	53.97 3.57 0.00	54.41 3.08 0.00	58.35 2.37 0.00	58.15 2.12 0.00	62.86 1.99 0.00	59.15 2.03 0.00
AST_ENERGY_2_CC4 323678	43.09 1.04 0.00	39.25 0.90 0.00	30.55 0.91 0.00	31.88 0.84 0.00	32.98 0.72 0.00	37.41 0.81 0.00	43.14 1.04 0.00	43.30 1.46 0.00	45.45 1.53 0.00	50.75 1.53 0.00	46.50 1.54 0.00	50.81 2.03 0.00	52.74 2.36 0.00	52.52 2.35 0.00	49.70 2.25 0.00	51.11 2.35 0.00	61.56 3.24 0.00	124.25 7.16 0.00	53.97 3.57 0.00	54.41 3.08 0.00	58.35 2.37 0.00	58.15 2.12 0.00	62.86 1.99 0.00	59.15 2.03 0.00

BARRETT_IC_6 23709	43.24 1.19 0.00	39.27 0.93 0.00	30.51 0.87 0.00	31.81 0.77 0.00	32.87 0.61 0.00	37.38 0.78 0.00	43.03 0.92 0.00	43.12 1.28 0.00	45.28 1.36 0.00	50.67 1.44 0.00	46.53 1.58 0.00	50.88 2.10 0.00	52.63 2.24 0.00	53.60 2.54 -0.89	49.85 2.40 0.00	51.12 2.36 0.00	61.68 3.37 0.00	124.16 7.07 0.00	53.84 3.44 0.00	54.37 3.04 0.00	58.51 2.52 0.00	58.19 2.16 0.00	62.85 1.98 0.00	59.14 2.02 0.00
BARRETT_IC_7 23710	43.25 1.20 0.00	39.27 0.93 0.00	30.51 0.87 0.00	31.81 0.77 0.00	32.87 0.62 0.00	37.38 0.77 0.00	43.03 0.92 0.00	43.12 1.28 0.00	45.27 1.35 0.00	50.66 1.44 0.00	46.50 1.55 0.00	50.90 2.12 0.00	52.63 2.24 0.00	53.58 2.53 -0.89	49.84 2.40 0.00	51.12 2.36 0.00	61.68 3.36 0.00	124.16 7.07 0.00	53.84 3.44 0.00	54.37 3.05 0.00	58.51 2.53 0.00	58.21 2.18 0.00	62.92 2.05 0.00	59.18 2.06 0.00
BARRETT_IC_8 23711	43.24 1.19 0.00	39.27 0.93 0.00	30.51 0.87 0.00	31.81 0.77 0.00	32.87 0.61 0.00	37.38 0.78 0.00	43.03 0.92 0.00	43.12 1.28 0.00	45.28 1.36 0.00	50.67 1.44 0.00	46.53 1.58 0.00	50.88 2.10 0.00	52.63 2.24 0.00	53.60 2.54 -0.89	49.85 2.40 0.00	51.12 2.36 0.00	61.68 3.37 0.00	124.16 7.07 0.00	53.84 3.44 0.00	54.37 3.04 0.00	58.51 2.52 0.00	58.19 2.16 0.00	62.85 1.98 0.00	59.14 2.02 0.00
BARRETT_IC_9 23700	43.24 1.19 0.00	39.27 0.93 0.00	30.51 0.87 0.00	31.81 0.77 0.00	32.87 0.61 0.00	37.38 0.78 0.00	43.03 0.92 0.00	43.12 1.28 0.00	45.28 1.36 0.00	50.67 1.44 0.00	46.53 1.58 0.00	50.88 2.10 0.00	52.63 2.24 0.00	53.60 2.54 -0.89	49.85 2.40 0.00	51.12 2.36 0.00	61.68 3.37 0.00	124.16 7.07 0.00	53.84 3.44 0.00	54.37 3.04 0.00	58.51 2.52 0.00	58.19 2.16 0.00	62.85 1.98 0.00	59.14 2.02 0.00
BARRETT___1 23545	43.24 1.19 0.00	39.27 0.93 0.00	30.51 0.87 0.00	31.81 0.77 0.00	32.87 0.61 0.00	37.38 0.78 0.00	43.03 0.92 0.00	43.12 1.28 0.00	45.28 1.36 0.00	50.67 1.44 0.00	46.53 1.58 0.00	50.88 2.10 0.00	52.63 2.24 0.00	53.60 2.54 -0.89	49.85 2.40 0.00	51.12 2.36 0.00	61.68 3.37 0.00	124.16 7.07 0.00	53.84 3.44 0.00	54.37 3.04 0.00	58.51 2.52 0.00	58.19 2.16 0.00	62.85 1.98 0.00	59.14 2.02 0.00
BARRETT___2 23546	43.24 1.19 0.00	39.27 0.93 0.00	30.51 0.87 0.00	31.81 0.77 0.00	32.87 0.61 0.00	37.38 0.78 0.00	43.03 0.92 0.00	43.12 1.28 0.00	45.28 1.36 0.00	50.67 1.44 0.00	46.53 1.58 0.00	50.88 2.10 0.00	52.63 2.24 0.00	53.60 2.54 -0.89	49.85 2.40 0.00	51.12 2.36 0.00	61.68 3.37 0.00	124.16 7.07 0.00	53.84 3.44 0.00	54.37 3.04 0.00	58.51 2.52 0.00	58.19 2.16 0.00	62.85 1.98 0.00	59.14 2.02 0.00
BATAVIA___115KV_TB1 55881	43.49 1.44 0.00	39.52 1.18 0.00	30.21 0.56 0.00	31.92 0.88 0.00	33.35 1.10 0.00	37.92 1.31 0.00	44.23 2.12 0.00	43.65 1.81 0.00	45.68 1.76 0.00	52.33 3.10 0.00	47.98 3.02 0.00	51.51 2.73 0.00	52.93 2.54 0.00	52.82 2.65 0.00	50.10 2.66 0.00	51.66 2.89 0.00	61.59 3.28 0.00	125.08 7.99 0.00	53.70 3.30 0.00	53.99 2.67 0.00	58.18 2.19 0.00	57.97 1.94 0.00	63.28 2.40 0.00	59.42 2.29 0.00
BAYONEEC___CTG1 323682	43.09 1.04 0.00	39.25 0.90 0.00	30.54 0.89 0.00	31.87 0.84 0.00	32.97 0.72 0.00	37.41 0.80 0.00	43.12 1.02 0.00	43.30 1.46 0.00	45.45 1.52 0.00	50.75 1.53 0.00	46.50 1.54 0.00	50.82 2.05 0.00	52.76 2.38 0.00	52.58 2.42 0.00	49.83 2.38 0.00	51.21 2.44 0.00	61.68 3.37 0.00	124.41 7.32 0.00	54.08 3.68 0.00	54.51 3.19 0.00	58.42 2.44 0.00	58.18 2.15 0.00	62.81 1.93 0.00	59.14 2.01 0.00
BAYONEEC___CTG10 323750	43.09 1.04 0.00	39.25 0.90 0.00	30.54 0.89 0.00	31.87 0.84 0.00	32.97 0.72 0.00	37.41 0.80 0.00	43.12 1.02 0.00	43.30 1.46 0.00	45.45 1.52 0.00	50.75 1.53 0.00	46.50 1.54 0.00	50.82 2.05 0.00	52.76 2.38 0.00	52.58 2.42 0.00	49.83 2.38 0.00	51.21 2.44 0.00	61.68 3.37 0.00	124.41 7.32 0.00	54.08 3.68 0.00	54.51 3.19 0.00	58.42 2.44 0.00	58.18 2.15 0.00	62.81 1.93 0.00	59.14 2.01 0.00
BAYONEEC___CTG2 323683	43.09 1.04 0.00	39.25 0.90 0.00	30.54 0.89 0.00	31.87 0.84 0.00	32.97 0.72 0.00	37.41 0.80 0.00	43.12 1.02 0.00	43.30 1.46 0.00	45.45 1.52 0.00	50.75 1.53 0.00	46.50 1.54 0.00	50.82 2.05 0.00	52.76 2.38 0.00	52.58 2.42 0.00	49.83 2.38 0.00	51.21 2.44 0.00	61.68 3.37 0.00	124.41 7.32 0.00	54.08 3.68 0.00	54.51 3.19 0.00	58.42 2.44 0.00	58.18 2.15 0.00	62.81 1.93 0.00	59.14 2.01 0.00
BAYONEEC___CTG3 323684	43.09 1.04 0.00	39.25 0.90 0.00	30.54 0.89 0.00	31.87 0.84 0.00	32.97 0.72 0.00	37.41 0.80 0.00	43.12 1.02 0.00	43.30 1.46 0.00	45.45 1.52 0.00	50.75 1.53 0.00	46.50 1.54 0.00	50.82 2.05 0.00	52.76 2.38 0.00	52.58 2.42 0.00	49.83 2.38 0.00	51.21 2.44 0.00	61.68 3.37 0.00	124.41 7.32 0.00	54.08 3.68 0.00	54.51 3.19 0.00	58.42 2.44 0.00	58.18 2.15 0.00	62.81 1.93 0.00	59.14 2.01 0.00
BAYONEEC___CTG4 323685	43.09 1.04 0.00	39.25 0.90 0.00	30.54 0.89 0.00	31.87 0.84 0.00	32.97 0.72 0.00	37.41 0.80 0.00	43.12 1.02 0.00	43.30 1.46 0.00	45.45 1.52 0.00	50.75 1.53 0.00	46.50 1.54 0.00	50.82 2.05 0.00	52.76 2.38 0.00	52.58 2.42 0.00	49.83 2.38 0.00	51.21 2.44 0.00	61.68 3.37 0.00	124.41 7.32 0.00	54.08 3.68 0.00	54.51 3.19 0.00	58.42 2.44 0.00	58.18 2.15 0.00	62.81 1.93 0.00	59.14 2.01 0.00
BAYONEEC___CTG5 323686	43.09 1.04 0.00	39.25 0.90 0.00	30.54 0.89 0.00	31.87 0.84 0.00	32.97 0.72 0.00	37.41 0.80 0.00	43.12 1.02 0.00	43.30 1.46 0.00	45.45 1.52 0.00	50.75 1.53 0.00	46.50 1.54 0.00	50.82 2.05 0.00	52.76 2.38 0.00	52.58 2.42 0.00	49.83 2.38 0.00	51.21 2.44 0.00	61.68 3.37 0.00	124.41 7.32 0.00	54.08 3.68 0.00	54.51 3.19 0.00	58.42 2.44 0.00	58.18 2.15 0.00	62.81 1.93 0.00	59.14 2.01 0.00
BAYONEEC___CTG6 323687	43.09 1.04 0.00	39.25 0.90 0.00	30.54 0.89 0.00	31.87 0.84 0.00	32.97 0.72 0.00	37.41 0.80 0.00	43.12 1.02 0.00	43.30 1.46 0.00	45.45 1.52 0.00	50.75 1.53 0.00	46.50 1.54 0.00	50.82 2.05 0.00	52.76 2.38 0.00	52.58 2.42 0.00	49.83 2.38 0.00	51.21 2.44 0.00	61.68 3.37 0.00	124.41 7.32 0.00	54.08 3.68 0.00	54.51 3.19 0.00	58.42 2.44 0.00	58.18 2.15 0.00	62.81 1.93 0.00	59.14 2.01 0.00
BAYONEEC___CTG7 323688	43.09 1.04 0.00	39.25 0.90 0.00	30.54 0.89 0.00	31.87 0.84 0.00	32.97 0.72 0.00	37.41 0.80 0.00	43.12 1.02 0.00	43.30 1.46 0.00	45.45 1.52 0.00	50.75 1.53 0.00	46.50 1.54 0.00	50.82 2.05 0.00	52.76 2.38 0.00	52.58 2.42 0.00	49.83 2.38 0.00	51.21 2.44 0.00	61.68 3.37 0.00	124.41 7.32 0.00	54.08 3.68 0.00	54.51 3.19 0.00	58.42 2.44 0.00	58.18 2.15 0.00	62.81 1.93 0.00	59.14 2.01 0.00

BAYONEEC___CTG8 323689	43.09 1.04 0.00	39.25 0.90 0.00	30.54 0.89 0.00	31.87 0.84 0.00	32.97 0.72 0.00	37.41 0.80 0.00	43.12 1.02 0.00	43.30 1.46 0.00	45.45 1.52 0.00	50.75 1.53 0.00	46.50 1.54 0.00	50.82 2.05 0.00	52.76 2.38 0.00	52.58 2.42 0.00	49.83 2.38 0.00	51.21 2.44 0.00	61.68 3.37 0.00	124.41 7.32 0.00	54.08 3.68 0.00	54.51 3.19 0.00	58.42 2.44 0.00	58.18 2.15 0.00	62.81 1.93 0.00	59.14 2.01 0.00
BAYONEEC___CTG9 323749	43.09 1.04 0.00	39.25 0.90 0.00	30.54 0.89 0.00	31.87 0.84 0.00	32.97 0.72 0.00	37.41 0.80 0.00	43.12 1.02 0.00	43.30 1.46 0.00	45.45 1.52 0.00	50.75 1.53 0.00	46.50 1.54 0.00	50.82 2.05 0.00	52.76 2.38 0.00	52.58 2.42 0.00	49.83 2.38 0.00	51.21 2.44 0.00	61.68 3.37 0.00	124.41 7.32 0.00	54.08 3.68 0.00	54.51 3.19 0.00	58.42 2.44 0.00	58.18 2.15 0.00	62.81 1.93 0.00	59.14 2.01 0.00
BAYPORT_69_KV_BK 2 356364	44.21 2.16 0.00	39.98 1.64 0.00	31.13 1.49 0.00	32.42 1.39 0.00	33.44 1.19 0.00	38.06 1.45 0.00	43.81 1.70 0.00	43.84 1.99 0.00	46.10 2.17 0.00	51.69 2.47 0.00	47.27 2.32 0.00	52.21 3.43 0.00	53.81 3.42 0.00	55.12 4.07 -0.89	51.02 3.58 0.00	52.14 3.38 0.00	63.17 4.85 0.00	127.78 10.69 0.00	55.34 4.94 0.00	55.76 4.44 0.00	59.82 3.84 0.00	59.31 3.28 0.00	63.97 3.09 0.00	60.09 2.96 0.00
BEACON___LESR 323632	42.70 0.65 0.00	39.08 0.74 0.00	30.40 0.75 0.00	31.93 0.89 0.00	33.06 0.81 0.00	37.22 0.61 0.00	42.51 0.40 0.00	42.29 0.45 0.00	44.49 0.57 0.00	49.44 0.21 0.00	44.67 -0.28 0.00	48.63 -0.15 0.00	50.57 0.18 0.00	49.99 -0.17 0.00	47.56 0.12 0.00	48.74 -0.02 0.00	58.24 -0.07 0.00	117.83 0.74 0.00	51.26 0.86 0.00	52.26 0.93 0.00	56.83 0.85 0.00	56.63 0.60 0.00	61.24 0.37 0.00	57.37 0.25 0.00
BEAVER RIVER___HYD 24048	42.46 0.41 0.00	39.03 0.69 0.00	30.03 0.39 0.00	30.97 -0.06 0.00	32.38 0.13 0.00	37.12 0.51 0.00	43.18 1.08 0.00	43.23 1.39 0.00	45.26 1.33 0.00	50.20 0.97 0.00	45.04 0.08 0.00	47.94 -0.84 0.00	49.42 -0.97 0.00	49.26 -0.91 0.00	46.32 -1.13 0.00	47.58 -1.18 0.00	57.22 -1.10 0.00	117.83 0.74 0.00	51.39 0.99 0.00	52.26 0.94 0.00	56.63 0.65 0.00	56.77 0.74 0.00	62.14 1.26 0.00	58.45 1.32 0.00
BEEBEE_GT_13 23619	42.90 0.86 0.00	38.97 0.62 0.00	29.91 0.27 0.00	31.47 0.43 0.00	32.81 0.56 0.00	37.30 0.70 0.00	43.30 1.20 0.00	42.86 1.02 0.00	45.03 1.11 0.00	51.43 2.21 0.00	47.09 2.14 0.00	50.77 2.00 0.00	52.35 1.96 0.00	52.35 2.18 0.00	49.71 2.26 0.00	51.26 2.50 0.00	60.92 2.61 0.00	123.05 5.96 0.00	52.79 2.39 0.00	53.09 1.77 0.00	57.32 1.34 0.00	57.14 1.11 0.00	62.25 1.37 0.00	58.40 1.28 0.00
BENSHRST_27_KV_BENSHRST_1 355998	43.44 1.39 0.00	39.56 1.22 0.00	30.78 1.13 0.00	32.09 1.05 0.00	33.20 0.95 0.00	37.70 1.09 0.00	43.52 1.41 0.00	43.66 1.82 0.00	45.82 1.90 0.00	51.18 1.96 0.00	46.90 1.95 0.00	51.24 2.46 0.00	53.23 2.84 0.00	53.11 2.95 0.00	50.35 2.91 0.00	51.72 2.96 0.00	62.27 3.96 0.00	125.84 8.76 0.00	54.66 4.27 0.00	55.09 3.77 0.00	59.08 3.10 0.00	58.88 2.85 0.00	63.57 2.69 0.00	59.93 2.81 0.00
BETHLEHEM___GRP 23843	42.09 0.05 0.00	38.59 0.24 0.00	30.03 0.38 0.00	31.44 0.40 0.00	32.58 0.33 0.00	36.72 0.11 0.00	41.81 -0.30 0.00	41.55 -0.29 0.00	43.71 -0.21 0.00	48.71 -0.51 0.00	44.17 -0.78 0.00	47.92 -0.86 0.00	49.70 -0.69 0.00	49.36 -0.81 0.00	46.81 -0.64 0.00	47.99 -0.78 0.00	57.28 -1.04 0.00	115.61 -1.48 0.00	50.17 -0.23 0.00	51.16 -0.16 0.00	55.68 -0.30 0.00	55.62 -0.40 0.00	60.19 -0.68 0.00	56.52 -0.60 0.00
BETHLEHEM___GS1 323560	42.10 0.06 0.00	38.59 0.25 0.00	30.03 0.38 0.00	31.43 0.40 0.00	32.58 0.33 0.00	36.72 0.11 0.00	41.81 -0.30 0.00	41.55 -0.29 0.00	43.72 -0.20 0.00	48.71 -0.51 0.00	44.19 -0.77 0.00	47.93 -0.86 0.00	49.70 -0.69 0.00	49.36 -0.80 0.00	46.80 -0.64 0.00	47.99 -0.78 0.00	57.28 -1.03 0.00	115.61 -1.48 0.00	50.17 -0.23 0.00	51.16 -0.16 0.00	55.68 -0.30 0.00	55.63 -0.40 0.00	60.19 -0.69 0.00	56.51 -0.61 0.00
BETHLEHEM___GS2 323561	42.10 0.06 0.00	38.59 0.25 0.00	30.03 0.38 0.00	31.43 0.40 0.00	32.58 0.33 0.00	36.72 0.11 0.00	41.81 -0.30 0.00	41.55 -0.29 0.00	43.72 -0.20 0.00	48.71 -0.51 0.00	44.19 -0.77 0.00	47.93 -0.86 0.00	49.70 -0.69 0.00	49.36 -0.80 0.00	46.80 -0.64 0.00	47.99 -0.78 0.00	57.28 -1.03 0.00	115.61 -1.48 0.00	50.17 -0.23 0.00	51.16 -0.16 0.00	55.68 -0.30 0.00	55.63 -0.40 0.00	60.19 -0.69 0.00	56.51 -0.61 0.00
BETHLEHEM___GS3 323562	42.10 0.06 0.00	38.59 0.25 0.00	30.03 0.38 0.00	31.43 0.40 0.00	32.58 0.33 0.00	36.72 0.11 0.00	41.81 -0.30 0.00	41.55 -0.29 0.00	43.72 -0.20 0.00	48.71 -0.51 0.00	44.19 -0.77 0.00	47.93 -0.86 0.00	49.70 -0.69 0.00	49.36 -0.80 0.00	46.80 -0.64 0.00	47.99 -0.78 0.00	57.28 -1.03 0.00	115.61 -1.48 0.00	50.17 -0.23 0.00	51.16 -0.16 0.00	55.68 -0.30 0.00	55.63 -0.40 0.00	60.19 -0.69 0.00	56.51 -0.61 0.00
BETHLEHEM___STEEL 23779	42.65 0.61 0.00	38.70 0.35 0.00	29.57 -0.07 0.00	31.28 0.24 0.00	32.71 0.45 0.00	37.15 0.54 0.00	43.27 1.17 0.00	42.64 0.79 0.00	44.73 0.81 0.00	51.45 2.23 0.00	47.23 2.28 0.00	50.96 2.18 0.00	52.35 1.96 0.00	52.23 2.07 0.00	49.62 2.17 0.00	51.18 2.42 0.00	60.62 2.31 0.00	122.70 5.61 0.00	52.45 2.05 0.00	52.35 1.03 0.00	56.51 0.53 0.00	56.44 0.41 0.00	61.89 1.02 0.00	58.29 1.16 0.00
BETHLHEM_115KV_TB1 79974	42.15 0.11 0.00	38.62 0.28 0.00	30.03 0.39 0.00	31.44 0.40 0.00	32.60 0.34 0.00	36.75 0.15 0.00	41.91 -0.20 0.00	41.66 -0.18 0.00	43.82 -0.11 0.00	48.84 -0.38 0.00	44.33 -0.62 0.00	48.12 -0.66 0.00	49.88 -0.50 0.00	49.57 -0.60 0.00	46.97 -0.47 0.00	48.18 -0.59 0.00	57.55 -0.77 0.00	116.13 -0.96 0.00	50.37 -0.03 0.00	51.30 -0.02 0.00	55.82 -0.16 0.00	55.77 -0.26 0.00	60.36 -0.51 0.00	56.68 -0.45 0.00
BETHPAGE_CC_5 323564	43.48 1.43 0.00	39.46 1.12 0.00	30.68 1.03 0.00	31.96 0.93 0.00	33.00 0.75 0.00	37.55 0.94 0.00	43.19 1.08 0.00	43.28 1.44 0.00	45.46 1.53 0.00	50.86 1.64 0.00	46.73 1.78 0.00	51.23 2.45 0.00	52.98 2.59 0.00	53.91 2.86 -0.89	50.13 2.68 0.00	51.33 2.56 0.00	62.09 3.78 0.00	125.21 8.12 0.00	54.31 3.91 0.00	54.72 3.39 0.00	58.74 2.76 0.00	58.33 2.30 0.00	62.95 2.08 0.00	59.25 2.12 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	42.77 0.72 0.00	38.80 0.45 0.00	29.65 0.00 0.00	31.35 0.32 0.00	32.79 0.53 0.00	37.24 0.63 0.00	43.39 1.28 0.00	42.76 0.92 0.00	44.88 0.96 0.00	51.63 2.41 0.00	47.39 2.44 0.00	51.11 2.33 0.00	52.53 2.14 0.00	52.43 2.26 0.00	49.81 2.37 0.00	51.39 2.63 0.00	60.85 2.54 0.00	123.16 6.07 0.00	52.65 2.26 0.00	52.55 1.23 0.00	56.76 0.78 0.00	56.66 0.63 0.00	62.12 1.25 0.00	58.49 1.36 0.00

BINGHAMTON___COGEN 23790	42.04 0.00 0.00	38.38 0.04 0.00	29.54 -0.10 0.00	30.98 -0.05 0.00	32.23 -0.02 0.00	36.63 0.02 0.00	42.35 0.24 0.00	42.12 0.28 0.00	44.12 0.19 0.00	49.63 0.40 0.00	45.48 0.53 0.00	49.45 0.67 0.00	51.12 0.73 0.00	51.03 0.86 0.00	48.33 0.88 0.00	49.70 0.93 0.00	59.72 1.41 0.00	120.60 3.51 0.00	52.11 1.72 0.00	52.61 1.29 0.00	56.89 0.91 0.00	56.55 0.52 0.00	61.24 0.36 0.00	57.31 0.18 0.00
BIXINCNT_115KV_LOAD 355685	42.58 0.53 0.00	38.73 0.38 0.00	29.38 -0.26 0.00	30.98 -0.06 0.00	32.64 0.39 0.00	37.14 0.53 0.00	43.38 1.27 0.00	43.08 1.24 0.00	45.12 1.20 0.00	51.69 2.47 0.00	47.60 2.65 0.00	51.58 2.80 0.00	53.02 2.64 0.00	52.97 2.81 0.00	50.19 2.75 0.00	51.54 2.78 0.00	61.01 2.69 0.00	123.81 6.72 0.00	53.32 2.93 0.00	53.15 1.83 0.00	57.06 1.07 0.00	56.54 0.51 0.00	61.77 0.89 0.00	58.18 1.06 0.00
BLACK RIVER___HYD 24047	42.61 0.57 0.00	39.28 0.93 0.00	30.13 0.49 0.00	31.01 -0.02 0.00	32.47 0.22 0.00	37.29 0.69 0.00	43.49 1.38 0.00	43.49 1.65 0.00	45.47 1.55 0.00	50.32 1.09 0.00	44.94 -0.01 0.00	47.80 -0.98 0.00	49.29 -1.10 0.00	49.22 -0.95 0.00	46.33 -1.11 0.00	47.56 -1.20 0.00	57.48 -0.83 0.00	119.14 2.05 0.00	52.26 1.86 0.00	53.05 1.73 0.00	57.28 1.30 0.00	57.38 1.34 0.00	62.44 1.56 0.00	58.67 1.55 0.00
BLACKRVR_115KV_TB2 79977	42.61 0.57 0.00	39.28 0.93 0.00	30.13 0.49 0.00	31.01 -0.02 0.00	32.47 0.22 0.00	37.29 0.69 0.00	43.49 1.38 0.00	43.50 1.66 0.00	45.48 1.55 0.00	50.32 1.10 0.00	44.95 0.00 0.00	47.80 -0.98 0.00	49.29 -1.10 0.00	49.22 -0.95 0.00	46.33 -1.12 0.00	47.56 -1.20 0.00	57.48 -0.83 0.00	119.14 2.05 0.00	52.26 1.86 0.00	53.05 1.73 0.00	57.28 1.30 0.00	57.38 1.34 0.00	62.44 1.56 0.00	58.67 1.54 0.00
BLISS_WT_PWR 323608	33.05 0.47 9.47	29.09 0.34 9.60	21.58 -0.30 7.76	25.86 -0.10 5.08	26.01 0.36 6.59	27.16 0.48 9.93	38.55 1.22 4.78	42.44 1.22 0.61	38.86 1.15 6.21	36.80 2.42 14.85	44.29 2.55 3.21	51.61 2.83 0.00	53.01 2.62 0.00	52.96 2.79 0.00	50.20 2.75 0.00	51.52 2.76 0.00	60.91 2.60 0.00	123.73 6.64 0.00	53.29 2.90 0.00	53.10 1.78 0.00	49.53 1.04 7.49	49.72 0.49 6.80	43.77 0.88 17.99	33.44 1.08 24.76
BLUESTONE___WT_PWR 323821	44.39 -0.03 -2.37	41.02 0.27 -2.41	31.79 0.21 -1.94	32.69 0.37 -1.27	34.58 0.67 -1.65	39.66 0.56 -2.49	44.18 0.87 -1.20	42.96 0.97 -0.15	46.84 1.37 -1.55	54.66 1.71 -3.72	47.27 1.52 -0.81	50.83 2.05 0.00	52.60 2.21 0.00	52.56 2.39 0.00	49.84 2.40 0.00	51.00 2.23 0.00	61.15 2.84 0.00	126.20 9.11 0.00	54.97 4.57 0.00	55.67 4.35 0.00	61.98 4.12 -1.88	61.36 3.63 -1.71	68.89 3.49 -4.52	66.25 2.90 -6.22
BLUE_CIRC_CHEM_DRP 24182	42.62 0.58 0.00	39.00 0.66 0.00	30.29 0.65 0.00	31.71 0.66 0.00	32.88 0.63 0.00	37.19 0.58 0.00	42.50 0.40 0.00	42.25 0.40 0.00	44.29 0.36 0.00	49.34 0.12 0.00	44.80 -0.15 0.00	48.58 -0.21 0.00	49.61 -0.78 0.00	49.10 -1.07 0.00	46.52 -0.93 0.00	47.69 -1.08 0.00	57.12 -1.19 0.00	115.17 -1.91 0.00	49.99 -0.41 0.00	50.87 -0.45 0.00	55.39 -0.59 0.00	55.38 -0.65 0.00	59.97 -0.91 0.00	56.70 -0.43 0.00
BOC_GAS_DRP 24189	42.23 0.18 0.00	38.60 0.26 0.00	29.97 0.32 0.00	31.35 0.31 0.00	32.52 0.27 0.00	36.79 0.18 0.00	42.13 0.02 0.00	41.92 0.08 0.00	44.01 0.09 0.00	49.15 -0.08 0.00	44.76 -0.19 0.00	48.66 -0.12 0.00	50.36 -0.03 0.00	50.11 -0.06 0.00	47.45 0.01 0.00	48.70 -0.06 0.00	58.32 0.01 0.00	117.50 0.41 0.00	50.82 0.42 0.00	51.60 0.28 0.00	56.11 0.13 0.00	56.08 0.05 0.00	60.72 -0.16 0.00	57.06 -0.07 0.00
BOONVILLE_115KV_TB1 79983	42.73 0.68 0.00	39.11 0.76 0.00	30.17 0.52 0.00	31.36 0.33 0.00	32.68 0.42 0.00	37.27 0.67 0.00	43.16 1.06 0.00	43.09 1.25 0.00	45.17 1.24 0.00	50.38 1.15 0.00	45.66 0.71 0.00	49.16 0.38 0.00	50.61 0.22 0.00	50.37 0.20 0.00	47.56 0.11 0.00	48.98 0.22 0.00	58.81 0.50 0.00	120.03 2.94 0.00	52.17 1.77 0.00	52.98 1.66 0.00	57.41 1.43 0.00	57.37 1.34 0.00	62.38 1.50 0.00	58.49 1.36 0.00
BORALEX_4TH_BRANCH 23824	43.71 1.66 0.00	40.31 1.96 0.00	31.32 1.68 0.00	32.82 1.78 0.00	34.01 1.76 0.00	38.06 1.46 0.00	42.89 0.78 0.00	42.45 0.61 0.00	44.85 0.92 0.00	50.10 0.88 0.00	45.02 0.07 0.00	48.49 -0.29 0.00	50.47 0.08 0.00	49.97 -0.20 0.00	47.33 -0.12 0.00	48.49 -0.28 0.00	57.35 -0.96 0.00	115.53 -1.56 0.00	50.40 0.00 0.00	51.69 0.37 0.00	56.84 0.86 0.00	57.02 0.99 0.00	61.84 0.96 0.00	58.03 0.90 0.00
BOWLINE___1 23526	42.73 0.68 0.00	38.97 0.63 0.00	30.26 0.62 0.00	31.63 0.59 0.00	32.73 0.48 0.00	37.13 0.53 0.00	42.76 0.65 0.00	42.85 1.01 0.00	44.91 0.99 0.00	50.12 0.90 0.00	45.91 0.96 0.00	50.20 1.43 0.00	52.19 1.80 0.00	52.08 1.91 0.00	49.37 1.92 0.00	50.78 2.02 0.00	61.25 2.94 0.00	123.76 6.67 0.00	53.76 3.36 0.00	54.23 2.91 0.00	58.20 2.22 0.00	57.88 1.85 0.00	62.30 1.42 0.00	58.60 1.48 0.00
BOWLINE___2 23595	42.69 0.64 0.00	38.95 0.61 0.00	30.25 0.61 0.00	31.62 0.57 0.00	32.72 0.47 0.00	37.12 0.51 0.00	42.74 0.63 0.00	42.82 0.98 0.00	44.86 0.94 0.00	50.05 0.83 0.00	45.84 0.89 0.00	50.13 1.36 0.00	52.11 1.72 0.00	51.99 1.83 0.00	49.29 1.84 0.00	50.69 1.93 0.00	61.15 2.84 0.00	123.54 6.45 0.00	53.67 3.27 0.00	54.15 2.83 0.00	58.13 2.15 0.00	57.78 1.75 0.00	62.20 1.32 0.00	58.51 1.39 0.00
BRADY___115KV_TB2 356060	43.09 1.04 0.00	39.23 0.89 0.00	30.23 0.58 0.00	31.64 0.60 0.00	32.93 0.68 0.00	37.59 0.99 0.00	43.31 1.20 0.00	43.06 1.22 0.00	45.08 1.16 0.00	50.10 0.88 0.00	45.52 0.57 0.00	49.11 0.33 0.00	50.58 0.20 0.00	50.18 0.01 0.00	47.06 -0.39 0.00	48.21 -0.56 0.00	57.49 -0.82 0.00	115.11 -1.98 0.00	49.33 -1.07 0.00	51.19 -0.13 0.00	56.53 0.55 0.00	56.78 0.75 0.00	62.50 1.62 0.00	58.62 1.49 0.00
BRANSCOMB___SOLAR 323811	43.65 1.61 0.00	40.01 1.67 0.00	31.03 1.39 0.00	32.50 1.46 0.00	33.71 1.46 0.00	38.09 1.48 0.00	43.47 1.36 0.00	43.12 1.28 0.00	45.39 1.47 0.00	50.67 1.45 0.00	45.77 0.82 0.00	49.55 0.77 0.00	51.47 1.08 0.00	50.88 0.71 0.00	47.97 0.52 0.00	49.15 0.39 0.00	58.89 0.58 0.00	119.77 2.68 0.00	52.33 1.93 0.00	53.50 2.18 0.00	58.40 2.42 0.00	58.37 2.33 0.00	63.14 2.26 0.00	59.05 1.92 0.00
BRDGHMPT_69_KV_BK1 55812	44.71 2.67 0.00	40.34 2.00 0.00	31.31 1.67 0.00	32.50 1.47 0.00	33.30 1.04 0.00	37.92 1.32 0.00	43.58 1.47 0.00	43.77 1.93 0.00	46.59 2.67 0.00	52.12 2.89 0.00	47.85 2.90 0.00	53.23 4.45 0.00	54.65 4.26 0.00	56.04 4.99 -0.89	52.19 4.75 0.00	53.14 4.37 0.00	64.47 6.15 0.00	131.00 13.91 0.00	56.68 6.29 0.00	56.95 5.63 0.00	60.56 4.58 0.00	60.33 4.30 0.00	65.19 4.31 0.00	60.81 3.68 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	43.98 1.93 0.00	39.84 1.50 0.00	30.99 1.35 0.00	32.29 1.26 0.00	33.31 1.06 0.00	37.91 1.31 0.00	43.64 1.53 0.00	43.71 1.87 0.00	45.91 1.99 0.00	51.41 2.18 0.00	47.17 2.22 0.00	51.90 3.12 0.00	53.52 3.14 0.00	54.65 3.60 -0.89	50.72 3.27 0.00	51.63 2.87 0.00	62.55 4.23 0.00	126.30 9.21 0.00	54.72 4.33 0.00	55.10 3.78 0.00	59.13 3.14 0.00	58.73 2.70 0.00	63.47 2.59 0.00	59.74 2.62 0.00
BRISTLHL_115KV_TB1 79998	41.51 -0.54 0.00	37.84 -0.50 0.00	29.20 -0.45 0.00	30.57 -0.46 0.00	31.79 -0.46 0.00	36.13 -0.47 0.00	41.62 -0.49 0.00	41.23 -0.61 0.00	43.29 -0.64 0.00	48.66 -0.57 0.00	44.34 -0.61 0.00	47.93 -0.85 0.00	49.48 -0.91 0.00	49.37 -0.80 0.00	46.76 -0.69 0.00	48.13 -0.63 0.00	57.67 -0.64 0.00	116.44 -0.65 0.00	50.26 -0.14 0.00	50.97 -0.35 0.00	55.33 -0.65 0.00	55.21 -0.82 0.00	59.85 -1.03 0.00	56.11 -1.01 0.00
BROOKHAVEN___DRP 24191	43.79 1.74 0.00	39.54 1.19 0.00	30.85 1.21 0.00	32.13 1.09 0.00	33.10 0.85 0.00	37.66 1.05 0.00	43.24 1.13 0.00	43.17 1.33 0.00	45.41 1.49 0.00	50.83 1.61 0.00	46.49 1.54 0.00	51.26 2.48 0.00	52.80 2.41 0.00	54.11 3.06 -0.89	50.19 2.75 0.00	51.23 2.47 0.00	62.09 3.78 0.00	125.61 8.52 0.00	54.45 4.06 0.00	54.85 3.53 0.00	58.77 2.79 0.00	58.35 2.32 0.00	62.96 2.09 0.00	59.16 2.03 0.00
BROOKLYN_NAVY_YARD 23515	43.02 0.97 0.00	39.18 0.84 0.00	30.52 0.87 0.00	31.85 0.81 0.00	32.93 0.67 0.00	37.36 0.75 0.00	43.09 0.98 0.00	43.27 1.43 0.00	45.41 1.49 0.00	50.71 1.48 0.00	46.47 1.51 0.00	50.80 2.02 0.00	52.74 2.36 0.00	52.61 2.44 0.00	49.84 2.39 0.00	51.27 2.50 0.00	61.75 3.44 0.00	124.59 7.50 0.00	54.12 3.73 0.00	54.55 3.23 0.00	58.51 2.53 0.00	58.24 2.21 0.00	62.92 2.05 0.00	59.19 2.06 0.00
BROOKLYN___ARMY_DRP 323595	43.18 1.13 0.00	39.34 0.99 0.00	30.62 0.97 0.00	31.92 0.88 0.00	33.02 0.76 0.00	37.49 0.89 0.00	43.26 1.15 0.00	43.40 1.56 0.00	45.54 1.62 0.00	50.83 1.61 0.00	46.57 1.61 0.00	50.86 2.09 0.00	52.83 2.44 0.00	52.71 2.54 0.00	49.93 2.48 0.00	51.27 2.51 0.00	61.72 3.40 0.00	124.72 7.63 0.00	54.19 3.79 0.00	54.60 3.28 0.00	58.57 2.59 0.00	58.38 2.35 0.00	63.04 2.16 0.00	59.46 2.33 0.00
BROOME_2_LFGE 323671	45.37 0.00 -3.33	41.75 0.04 -3.37	32.27 -0.10 -2.73	32.77 -0.05 -1.78	34.55 -0.02 -2.32	40.11 0.02 -3.49	44.03 0.24 -1.68	42.34 0.28 -0.22	46.29 0.19 -2.18	54.84 0.40 -5.22	46.59 0.51 -1.13	49.46 0.68 0.00	51.12 0.73 0.00	51.02 0.86 0.00	48.33 0.88 0.00	49.70 0.93 0.00	59.72 1.41 0.00	120.62 3.54 0.00	52.12 1.72 0.00	52.61 1.29 0.00	59.52 0.90 -2.64	58.95 0.52 -2.40	67.59 0.38 -6.34	66.04 0.19 -8.72
BROOME___LFGE 323600	45.37 0.00 -3.33	41.75 0.04 -3.37	32.27 -0.10 -2.73	32.77 -0.05 -1.78	34.55 -0.02 -2.32	40.11 0.02 -3.49	44.03 0.24 -1.68	42.34 0.28 -0.22	46.29 0.19 -2.18	54.84 0.40 -5.22	46.59 0.51 -1.13	49.46 0.68 0.00	51.12 0.73 0.00	51.02 0.86 0.00	48.33 0.88 0.00	49.70 0.93 0.00	59.72 1.41 0.00	120.62 3.54 0.00	52.12 1.72 0.00	52.61 1.29 0.00	59.52 0.90 -2.64	58.95 0.52 -2.40	67.59 0.38 -6.34	66.04 0.19 -8.72
BROWNFLS_115KV_TB 3_5 80003	42.50 0.45 0.00	38.85 0.51 0.00	29.92 0.28 0.00	31.12 0.08 0.00	32.45 0.19 0.00	37.10 0.49 0.00	42.92 0.81 0.00	42.81 0.96 0.00	44.87 0.95 0.00	49.86 0.64 0.00	45.12 0.16 0.00	48.40 -0.39 0.00	49.85 -0.54 0.00	49.39 -0.77 0.00	46.18 -1.26 0.00	47.26 -1.50 0.00	56.64 -1.67 0.00	115.38 -1.71 0.00	50.01 -0.38 0.00	51.17 -0.15 0.00	55.97 -0.01 0.00	56.24 0.20 0.00	61.87 0.99 0.00	58.21 1.08 0.00
BROWNSV1_27_KV_LOAD 356125	43.44 1.39 0.00	39.57 1.22 0.00	30.77 1.13 0.00	32.11 1.07 0.00	33.23 0.98 0.00	37.71 1.10 0.00	43.49 1.38 0.00	43.67 1.83 0.00	45.84 1.92 0.00	51.21 1.99 0.00	46.91 1.96 0.00	51.31 2.53 0.00	53.27 2.88 0.00	53.10 2.93 0.00	50.31 2.87 0.00	51.74 2.98 0.00	62.34 4.03 0.00	125.89 8.80 0.00	54.66 4.26 0.00	55.10 3.77 0.00	59.09 3.11 0.00	58.87 2.84 0.00	63.57 2.70 0.00	59.81 2.68 0.00
BURROWS___LYONSDAL 23803	42.60 0.56 0.00	39.04 0.70 0.00	30.12 0.47 0.00	31.22 0.18 0.00	32.56 0.30 0.00	37.20 0.60 0.00	43.14 1.03 0.00	43.10 1.26 0.00	45.18 1.25 0.00	50.31 1.09 0.00	45.48 0.53 0.00	48.83 0.05 0.00	50.30 -0.09 0.00	50.07 -0.10 0.00	47.24 -0.21 0.00	48.63 -0.14 0.00	58.42 0.11 0.00	119.53 2.45 0.00	52.00 1.60 0.00	52.79 1.47 0.00	57.17 1.19 0.00	57.17 1.14 0.00	62.28 1.40 0.00	58.45 1.33 0.00
CAITHNESS_CC_1 323624	43.68 1.63 0.00	39.48 1.14 0.00	30.80 1.15 0.00	32.07 1.03 0.00	33.05 0.80 0.00	37.60 1.00 0.00	43.19 1.08 0.00	43.15 1.31 0.00	45.39 1.47 0.00	50.82 1.59 0.00	46.53 1.57 0.00	51.23 2.45 0.00	52.78 2.39 0.00	54.06 3.01 -0.89	50.12 2.68 0.00	51.14 2.38 0.00	61.96 3.64 0.00	125.27 8.18 0.00	54.31 3.91 0.00	54.71 3.39 0.00	58.65 2.67 0.00	58.21 2.18 0.00	62.75 1.88 0.00	59.03 1.90 0.00
CALPINE BETH_PAGE_GT4 24209	43.46 1.41 0.00	39.44 1.10 0.00	30.67 1.03 0.00	31.96 0.93 0.00	33.01 0.76 0.00	37.54 0.93 0.00	43.21 1.10 0.00	43.29 1.45 0.00	45.50 1.58 0.00	50.90 1.68 0.00	46.75 1.80 0.00	51.28 2.50 0.00	53.02 2.63 0.00	53.84 2.79 -0.89	50.07 2.63 0.00	51.28 2.52 0.00	62.03 3.72 0.00	125.08 7.99 0.00	54.26 3.86 0.00	54.68 3.36 0.00	58.72 2.73 0.00	58.34 2.31 0.00	63.11 2.23 0.00	59.37 2.24 0.00
CALPINE_BETH_PAGE_GT_4 323586	43.46 1.41 0.00	39.44 1.09 0.00	30.67 1.03 0.00	31.96 0.92 0.00	33.00 0.75 0.00	37.53 0.93 0.00	43.21 1.11 0.00	43.29 1.45 0.00	45.50 1.58 0.00	50.91 1.69 0.00	46.78 1.83 0.00	51.27 2.49 0.00	53.01 2.62 0.00	53.86 2.81 -0.89	50.08 2.63 0.00	51.29 2.52 0.00	62.04 3.72 0.00	125.08 7.99 0.00	54.26 3.86 0.00	54.68 3.36 0.00	58.71 2.73 0.00	58.32 2.29 0.00	63.03 2.15 0.00	59.32 2.19 0.00
CALPINE_BP_GT1 23823	43.46 1.41 0.00	39.44 1.09 0.00	30.67 1.03 0.00	31.96 0.92 0.00	33.00 0.75 0.00	37.53 0.93 0.00	43.21 1.11 0.00	43.29 1.45 0.00	45.50 1.58 0.00	50.91 1.69 0.00	46.78 1.83 0.00	51.27 2.49 0.00	53.01 2.62 0.00	53.86 2.81 -0.89	50.08 2.63 0.00	51.29 2.52 0.00	62.04 3.72 0.00	125.08 7.99 0.00	54.26 3.86 0.00	54.68 3.36 0.00	58.71 2.73 0.00	58.32 2.29 0.00	63.03 2.15 0.00	59.32 2.19 0.00
CALSPAN___DRP 24200	42.65 0.61 0.00	38.70 0.35 0.00	29.57 -0.07 0.00	31.28 0.24 0.00	32.71 0.45 0.00	37.15 0.54 0.00	43.27 1.17 0.00	42.64 0.79 0.00	44.73 0.81 0.00	51.45 2.23 0.00	47.23 2.28 0.00	50.96 2.18 0.00	52.35 1.96 0.00	52.23 2.07 0.00	49.62 2.17 0.00	51.18 2.42 0.00	60.62 2.31 0.00	122.70 5.61 0.00	52.45 2.05 0.00	52.35 1.03 0.00	56.51 0.53 0.00	56.44 0.41 0.00	61.89 1.02 0.00	58.29 1.16 0.00

CALVERTON___SOLAR 323806	43.92 1.87 0.00	39.64 1.29 0.00	30.92 1.28 0.00	32.20 1.15 0.00	33.16 0.91 0.00	37.74 1.13 0.00	43.30 1.19 0.00	43.23 1.39 0.00	45.52 1.59 0.00	50.95 1.73 0.00	46.59 1.64 0.00	51.37 2.59 0.00	52.92 2.53 0.00	54.29 3.23 -0.89	50.37 2.92 0.00	51.43 2.66 0.00	62.35 4.03 0.00	126.22 9.13 0.00	54.71 4.31 0.00	55.10 3.78 0.00	58.99 3.01 0.00	58.55 2.52 0.00	63.10 2.23 0.00	59.25 2.13 0.00
CANDIGU_WT_PWR 323617	43.96 -0.70 -2.61	40.38 -0.61 -2.64	30.60 -1.18 -2.14	31.55 -0.89 -1.40	33.31 -0.76 -1.82	38.63 -0.71 -2.73	43.29 -0.13 -1.32	41.84 -0.17 -0.17	45.32 -0.32 -1.71	53.87 0.55 -4.09	46.66 0.83 -0.89	49.78 1.00 0.00	51.54 1.15 0.00	51.50 1.33 0.00	48.69 1.24 0.00	49.96 1.20 0.00	59.99 1.68 0.00	121.73 4.64 0.00	52.35 1.95 0.00	52.51 1.19 0.00	58.78 0.73 -2.07	57.74 -0.17 -1.88	65.51 -0.34 -4.98	63.79 -0.19 -6.85
CARR STREET_E_SYR 24060	41.78 -0.27 0.00	38.08 -0.26 0.00	29.37 -0.28 0.00	30.77 -0.27 0.00	32.00 -0.25 0.00	36.38 -0.23 0.00	41.95 -0.16 0.00	41.59 -0.26 0.00	43.66 -0.27 0.00	49.14 -0.08 0.00	44.89 -0.06 0.00	48.68 -0.10 0.00	50.26 -0.13 0.00	50.16 0.00 0.00	47.55 0.10 0.00	48.95 0.19 0.00	58.62 0.31 0.00	118.27 1.18 0.00	51.01 0.61 0.00	51.64 0.32 0.00	56.01 0.02 0.00	55.85 -0.18 0.00	60.54 -0.33 0.00	56.72 -0.41 0.00
CARTHAGE___PAPER 23857	42.78 0.73 0.00	39.36 1.02 0.00	30.25 0.61 0.00	31.17 0.13 0.00	32.61 0.36 0.00	37.42 0.82 0.00	43.60 1.49 0.00	43.65 1.81 0.00	45.67 1.75 0.00	50.52 1.29 0.00	45.17 0.22 0.00	48.02 -0.76 0.00	49.48 -0.91 0.00	49.35 -0.82 0.00	46.42 -1.03 0.00	47.65 -1.12 0.00	57.48 -0.83 0.00	118.95 1.86 0.00	52.07 1.67 0.00	52.94 1.62 0.00	57.31 1.33 0.00	57.42 1.39 0.00	62.70 1.82 0.00	58.93 1.81 0.00
CASSADAGA_WT_PWR 323784	33.36 0.15 8.84	29.12 -0.27 8.96	21.46 -0.94 7.25	25.98 -0.32 4.74	26.28 0.18 6.16	27.53 0.20 9.27	38.59 0.94 4.46	42.21 0.94 0.57	39.41 1.28 5.79	37.77 2.41 13.86	44.73 2.78 3.00	52.01 3.22 0.00	53.40 3.02 0.00	53.05 2.88 0.00	50.30 2.85 0.00	51.80 3.04 0.00	62.49 4.17 0.00	127.13 10.05 0.00	53.87 3.48 0.00	52.85 1.53 0.00	49.87 0.88 7.00	51.36 1.69 6.35	46.02 1.95 16.80	35.62 1.61 23.12
CE_DUNWOOD___DRP 24194	42.97 0.92 0.00	39.17 0.83 0.00	30.44 0.80 0.00	31.79 0.76 0.00	32.90 0.65 0.00	37.32 0.72 0.00	42.99 0.88 0.00	43.10 1.25 0.00	45.21 1.29 0.00	50.50 1.28 0.00	46.23 1.28 0.00	50.55 1.78 0.00	52.49 2.11 0.00	52.35 2.18 0.00	49.61 2.17 0.00	51.02 2.26 0.00	61.51 3.19 0.00	124.20 7.11 0.00	53.93 3.54 0.00	54.40 3.07 0.00	58.42 2.44 0.00	58.13 2.10 0.00	62.69 1.82 0.00	58.96 1.83 0.00
CE_MILLWOOD___DRP 24193	42.89 0.84 0.00	39.10 0.75 0.00	30.39 0.74 0.00	31.74 0.70 0.00	32.85 0.60 0.00	37.26 0.66 0.00	42.90 0.79 0.00	43.00 1.16 0.00	45.10 1.18 0.00	50.37 1.15 0.00	46.11 1.16 0.00	50.42 1.64 0.00	52.37 1.98 0.00	52.23 2.06 0.00	49.50 2.05 0.00	50.89 2.13 0.00	61.35 3.04 0.00	123.92 6.83 0.00	53.81 3.42 0.00	54.30 2.98 0.00	58.32 2.34 0.00	58.03 2.00 0.00	62.57 1.69 0.00	58.82 1.70 0.00
CE_NYC2_DRP 24202	43.09 1.04 0.00	39.26 0.91 0.00	30.58 0.93 0.00	31.87 0.83 0.00	32.97 0.71 0.00	37.43 0.83 0.00	43.18 1.08 0.00	43.35 1.51 0.00	45.50 1.57 0.00	50.76 1.54 0.00	46.49 1.54 0.00	50.77 1.99 0.00	52.67 2.28 0.00	52.53 2.36 0.00	49.74 2.30 0.00	51.15 2.38 0.00	61.55 3.24 0.00	124.25 7.17 0.00	53.96 3.57 0.00	54.37 3.05 0.00	58.32 2.33 0.00	58.13 2.10 0.00	62.75 1.87 0.00	59.12 1.99 0.00
CE_NYC_DRP 24195	43.15 1.10 0.00	39.31 0.96 0.00	30.59 0.94 0.00	31.92 0.88 0.00	33.01 0.76 0.00	37.47 0.87 0.00	43.20 1.09 0.00	43.36 1.52 0.00	45.52 1.60 0.00	50.86 1.64 0.00	46.58 1.63 0.00	50.94 2.16 0.00	52.88 2.49 0.00	52.69 2.52 0.00	49.91 2.47 0.00	51.31 2.55 0.00	61.81 3.50 0.00	124.74 7.65 0.00	54.19 3.79 0.00	54.62 3.30 0.00	58.58 2.60 0.00	58.36 2.33 0.00	63.02 2.14 0.00	59.30 2.18 0.00
CHAFFEE___LFGE 323603	34.69 0.75 8.10	30.61 0.48 8.21	23.01 0.02 6.64	27.02 0.33 4.35	27.14 0.53 5.64	28.75 0.64 8.50	39.32 1.30 4.09	42.30 0.99 0.53	39.60 0.99 5.31	38.88 2.37 12.71	44.59 2.39 2.75	51.26 2.48 0.00	52.62 2.23 0.00	52.58 2.41 0.00	49.94 2.49 0.00	51.54 2.78 0.00	61.12 2.81 0.00	123.74 6.66 0.00	52.91 2.51 0.00	52.80 1.47 0.00	50.58 1.01 6.41	51.05 0.84 5.82	46.90 1.43 15.40	37.35 1.42 21.19
CHATEAUG_35_KV_LOAD 355732	42.19 0.14 0.00	38.32 -0.03 0.00	29.49 -0.15 0.00	30.93 -0.10 0.00	32.11 -0.14 0.00	36.54 -0.06 0.00	42.18 0.07 0.00	41.95 0.11 0.00	44.08 0.16 0.00	49.29 0.07 0.00	45.01 0.06 0.00	48.66 -0.12 0.00	50.13 -0.26 0.00	49.83 -0.34 0.00	47.06 -0.39 0.00	48.37 -0.40 0.00	57.75 -0.56 0.00	115.55 -1.54 0.00	49.51 -0.89 0.00	50.84 -0.48 0.00	55.74 -0.24 0.00	55.80 -0.23 0.00	61.10 0.23 0.00	57.35 0.23 0.00
CHATEAUG_WT_PWR 323614	42.13 0.08 0.00	38.26 -0.08 0.00	29.45 -0.19 0.00	30.87 -0.17 0.00	32.07 -0.18 0.00	36.48 -0.12 0.00	42.09 -0.02 0.00	41.86 0.02 0.00	43.99 0.07 0.00	49.28 0.06 0.00	45.04 0.08 0.00	48.70 -0.08 0.00	50.18 -0.20 0.00	49.86 -0.30 0.00	47.09 -0.35 0.00	48.37 -0.40 0.00	57.74 -0.57 0.00	115.47 -1.62 0.00	49.51 -0.88 0.00	50.74 -0.58 0.00	55.64 -0.35 0.00	55.70 -0.33 0.00	61.07 0.19 0.00	57.34 0.21 0.00
CHAT_HIGH_FALL_HYD 323578	42.19 0.14 0.00	38.32 -0.03 0.00	29.49 -0.15 0.00	30.93 -0.10 0.00	32.11 -0.14 0.00	36.54 -0.06 0.00	42.18 0.07 0.00	41.95 0.11 0.00	44.08 0.16 0.00	49.29 0.07 0.00	45.01 0.06 0.00	48.66 -0.12 0.00	50.13 -0.26 0.00	49.83 -0.34 0.00	47.06 -0.39 0.00	48.37 -0.40 0.00	57.75 -0.56 0.00	115.55 -1.54 0.00	49.51 -0.89 0.00	50.84 -0.48 0.00	55.74 -0.24 0.00	55.80 -0.23 0.00	61.10 0.23 0.00	57.35 0.23 0.00
CHAUTAUQUA___LFGE 323629	34.14 0.20 8.10	30.09 -0.04 8.21	22.41 -0.59 6.64	26.52 -0.17 4.35	26.80 0.19 5.64	28.35 0.24 8.50	38.94 0.92 4.09	42.14 0.83 0.53	39.50 0.89 5.31	38.50 1.98 12.71	44.43 2.23 2.75	51.33 2.55 0.00	52.82 2.43 0.00	52.54 2.37 0.00	49.82 2.37 0.00	51.32 2.55 0.00	61.56 3.25 0.00	125.08 7.99 0.00	53.27 2.87 0.00	52.72 1.40 0.00	50.35 0.78 6.41	51.16 0.95 5.82	46.73 1.25 15.40	37.03 1.09 21.19
CHERRYST_13_KV_LD 356241	43.28 1.23 0.00	39.43 1.08 0.00	30.67 1.03 0.00	32.01 0.97 0.00	33.12 0.86 0.00	37.59 0.99 0.00	43.35 1.24 0.00	43.53 1.69 0.00	45.71 1.78 0.00	51.07 1.85 0.00	46.79 1.83 0.00	51.17 2.39 0.00	53.12 2.73 0.00	52.92 2.76 0.00	50.15 2.70 0.00	51.57 2.80 0.00	62.12 3.81 0.00	125.33 8.24 0.00	54.42 4.02 0.00	54.84 3.52 0.00	58.80 2.82 0.00	58.58 2.55 0.00	63.25 2.38 0.00	59.50 2.38 0.00

CHESTROR_138KV_BK263 355645	42.67 0.62 0.00	38.91 0.56 0.00	30.20 0.56 0.00	31.57 0.53 0.00	32.70 0.45 0.00	37.09 0.48 0.00	42.69 0.58 0.00	42.73 0.89 0.00	44.78 0.86 0.00	50.03 0.81 0.00	45.76 0.81 0.00	49.99 1.21 0.00	51.93 1.54 0.00	51.79 1.63 0.00	49.13 1.69 0.00	50.53 1.76 0.00	60.90 2.59 0.00	123.16 6.08 0.00	53.47 3.07 0.00	54.01 2.69 0.00	58.07 2.09 0.00	57.79 1.75 0.00	62.27 1.39 0.00	58.50 1.38 0.00
CH_MIDHUDSON___DRP 24192	42.93 0.88 0.00	39.18 0.83 0.00	30.44 0.80 0.00	31.79 0.76 0.00	32.93 0.68 0.00	37.33 0.73 0.00	42.93 0.83 0.00	42.96 1.12 0.00	45.07 1.15 0.00	50.37 1.15 0.00	46.05 1.09 0.00	50.29 1.51 0.00	52.23 1.84 0.00	52.09 1.92 0.00	49.39 1.95 0.00	50.80 2.04 0.00	61.20 2.89 0.00	123.71 6.62 0.00	53.68 3.29 0.00	54.22 2.90 0.00	58.37 2.39 0.00	58.11 2.08 0.00	62.69 1.81 0.00	58.86 1.73 0.00
CH_MISC_IPPS 23765	43.19 1.14 0.00	39.38 1.03 0.00	30.58 0.94 0.00	31.95 0.91 0.00	33.09 0.84 0.00	37.55 0.94 0.00	43.24 1.13 0.00	43.30 1.46 0.00	45.39 1.47 0.00	50.74 1.52 0.00	46.38 1.43 0.00	50.66 1.87 0.00	52.66 2.27 0.00	52.55 2.39 0.00	49.89 2.45 0.00	51.32 2.55 0.00	61.87 3.56 0.00	125.21 8.12 0.00	54.32 3.92 0.00	54.85 3.53 0.00	58.97 2.99 0.00	58.65 2.62 0.00	63.20 2.33 0.00	59.31 2.19 0.00
CH_RES_BVR_FALLS 23983	41.94 -0.11 0.00	38.20 -0.14 0.00	29.51 -0.14 0.00	30.92 -0.12 0.00	32.15 -0.10 0.00	36.51 -0.09 0.00	42.05 -0.06 0.00	41.80 -0.04 0.00	43.88 -0.04 0.00	49.16 -0.06 0.00	44.90 -0.05 0.00	48.65 -0.13 0.00	50.24 -0.15 0.00	50.00 -0.16 0.00	47.24 -0.21 0.00	48.55 -0.22 0.00	58.00 -0.31 0.00	116.47 -0.62 0.00	50.10 -0.30 0.00	51.07 -0.25 0.00	55.76 -0.22 0.00	55.82 -0.21 0.00	60.82 -0.06 0.00	57.10 -0.02 0.00
CH_RES_NIAGARA 23895	41.73 -0.32 0.00	37.91 -0.44 0.00	29.06 -0.58 0.00	30.77 -0.27 0.00	32.14 -0.11 0.00	36.47 -0.14 0.00	42.32 0.21 0.00	41.50 -0.35 0.00	43.49 -0.44 0.00	50.06 0.83 0.00	45.96 1.00 0.00	49.44 0.66 0.00	50.70 0.31 0.00	50.59 0.43 0.00	48.02 0.58 0.00	49.54 0.78 0.00	58.31 0.00 0.00	117.82 0.73 0.00	50.37 -0.03 0.00	50.36 -0.96 0.00	54.33 -1.65 0.00	54.45 -1.58 0.00	59.86 -1.02 0.00	56.60 -0.53 0.00
CH_RES_SYRACUSE 23985	41.98 -0.07 0.00	38.24 -0.10 0.00	29.51 -0.13 0.00	30.92 -0.12 0.00	32.15 -0.10 0.00	36.56 -0.05 0.00	42.18 0.08 0.00	41.81 -0.03 0.00	43.89 -0.03 0.00	49.37 0.14 0.00	45.07 0.12 0.00	48.84 0.06 0.00	50.39 0.00 0.00	50.30 0.13 0.00	47.67 0.22 0.00	49.13 0.37 0.00	58.88 0.57 0.00	118.94 1.85 0.00	51.29 0.90 0.00	51.97 0.65 0.00	56.37 0.39 0.00	56.20 0.17 0.00	60.91 0.03 0.00	57.07 -0.06 0.00
CLINTON_WT_PWR 323605	42.13 0.08 0.00	38.26 -0.08 0.00	29.45 -0.19 0.00	30.87 -0.17 0.00	32.07 -0.18 0.00	36.48 -0.12 0.00	42.09 -0.02 0.00	41.86 0.02 0.00	43.99 0.07 0.00	49.28 0.06 0.00	45.04 0.08 0.00	48.70 -0.08 0.00	50.18 -0.20 0.00	49.86 -0.30 0.00	47.09 -0.35 0.00	48.37 -0.40 0.00	57.74 -0.57 0.00	115.47 -1.62 0.00	49.51 -0.88 0.00	50.74 -0.58 0.00	55.64 -0.35 0.00	55.70 -0.33 0.00	61.07 0.19 0.00	57.34 0.21 0.00
CLINTON___LFGE 323618	42.74 0.70 0.00	38.74 0.40 0.00	29.80 0.15 0.00	31.21 0.17 0.00	32.47 0.22 0.00	37.00 0.39 0.00	42.75 0.64 0.00	42.53 0.69 0.00	44.71 0.79 0.00	50.01 0.79 0.00	45.63 0.68 0.00	49.50 0.72 0.00	50.95 0.56 0.00	50.52 0.35 0.00	47.68 0.24 0.00	48.78 0.01 0.00	58.39 0.08 0.00	116.98 -0.11 0.00	50.29 -0.11 0.00	51.48 0.16 0.00	56.43 0.45 0.00	56.61 0.58 0.00	62.24 1.36 0.00	58.58 1.46 0.00
COBBLENY_34_KV_TB1 80064	42.79 0.74 0.00	38.82 0.48 0.00	29.65 0.01 0.00	31.37 0.33 0.00	32.79 0.53 0.00	37.25 0.65 0.00	43.42 1.31 0.00	42.84 1.00 0.00	44.94 1.02 0.00	51.63 2.41 0.00	47.45 2.50 0.00	51.23 2.45 0.00	52.64 2.25 0.00	52.59 2.43 0.00	49.95 2.50 0.00	51.55 2.78 0.00	61.12 2.81 0.00	123.69 6.61 0.00	52.91 2.51 0.00	52.81 1.49 0.00	56.99 1.01 0.00	56.82 0.78 0.00	62.23 1.36 0.00	58.50 1.38 0.00
COFFEEN___115KV_TB3 355620	42.80 0.75 0.00	39.41 1.06 0.00	30.24 0.60 0.00	31.15 0.11 0.00	32.61 0.36 0.00	37.44 0.83 0.00	43.66 1.55 0.00	43.66 1.82 0.00	45.64 1.72 0.00	50.54 1.31 0.00	45.10 0.15 0.00	47.91 -0.87 0.00	49.41 -0.98 0.00	49.35 -0.82 0.00	46.46 -0.99 0.00	47.64 -1.13 0.00	57.55 -0.76 0.00	119.47 2.38 0.00	52.48 2.08 0.00	53.29 1.97 0.00	57.58 1.60 0.00	57.65 1.63 0.00	62.66 1.78 0.00	58.83 1.71 0.00
COLDSPRG_115KV_BK1 355956	43.05 1.00 0.00	39.03 0.69 0.00	29.50 -0.14 0.00	31.26 0.22 0.00	32.96 0.71 0.00	37.50 0.90 0.00	43.89 1.78 0.00	43.72 1.88 0.00	45.92 1.99 0.00	52.34 3.12 0.00	48.37 3.42 0.00	52.57 3.79 0.00	54.03 3.64 0.00	53.96 3.80 0.00	51.06 3.61 0.00	52.58 3.82 0.00	63.25 4.94 0.00	128.43 11.34 0.00	54.83 4.43 0.00	54.23 2.91 0.00	58.23 2.25 0.00	58.03 2.00 0.00	62.99 2.12 0.00	58.82 1.69 0.00
COLONIE_LFGE___ 323577	43.18 1.13 0.00	39.62 1.28 0.00	30.76 1.12 0.00	32.22 1.18 0.00	33.41 1.15 0.00	37.60 1.00 0.00	42.77 0.67 0.00	42.43 0.59 0.00	44.72 0.80 0.00	49.94 0.72 0.00	45.14 0.19 0.00	48.87 0.09 0.00	50.75 0.36 0.00	50.31 0.15 0.00	47.65 0.20 0.00	48.82 0.06 0.00	58.21 -0.10 0.00	117.70 0.61 0.00	51.21 0.81 0.00	52.35 1.03 0.00	57.15 1.17 0.00	57.14 1.11 0.00	61.88 1.00 0.00	58.01 0.88 0.00
COOPERNY_115KV_TB1 80082	42.40 0.35 0.00	38.68 0.34 0.00	29.99 0.34 0.00	31.36 0.32 0.00	32.51 0.26 0.00	36.89 0.28 0.00	42.46 0.35 0.00	42.42 0.57 0.00	44.47 0.54 0.00	49.72 0.50 0.00	45.47 0.52 0.00	49.59 0.81 0.00	51.46 1.07 0.00	51.31 1.14 0.00	48.61 1.17 0.00	49.98 1.22 0.00	60.16 1.84 0.00	121.49 4.40 0.00	52.63 2.24 0.00	53.21 1.89 0.00	57.40 1.42 0.00	57.20 1.17 0.00	61.76 0.89 0.00	58.00 0.88 0.00
COPENHAGEN_WT_PWR 323753	42.16 0.11 0.00	38.98 0.64 0.00	29.88 0.24 0.00	30.68 -0.36 0.00	32.15 -0.10 0.00	36.95 0.34 0.00	43.08 0.97 0.00	43.11 1.27 0.00	45.06 1.14 0.00	49.87 0.65 0.00	44.56 -0.40 0.00	47.46 -1.32 0.00	48.99 -1.39 0.00	48.94 -1.23 0.00	46.06 -1.39 0.00	47.30 -1.46 0.00	57.16 -1.15 0.00	118.48 1.40 0.00	51.87 1.48 0.00	52.50 1.18 0.00	56.61 0.63 0.00	56.76 0.72 0.00	61.83 0.95 0.00	58.19 1.06 0.00
CORNELL_____ 23752	42.59 0.54 0.00	38.83 0.49 0.00	29.91 0.27 0.00	31.37 0.33 0.00	32.63 0.38 0.00	37.12 0.51 0.00	42.95 0.85 0.00	42.71 0.86 0.00	44.75 0.83 0.00	50.27 1.05 0.00	45.91 0.96 0.00	49.87 1.09 0.00	51.14 0.76 0.00	51.19 1.02 0.00	48.47 1.02 0.00	49.83 1.07 0.00	60.12 1.81 0.00	121.84 4.75 0.00	52.83 2.44 0.00	53.60 2.27 0.00	58.04 2.06 0.00	57.68 1.65 0.00	62.40 1.52 0.00	58.34 1.21 0.00

CORONA V_69_KV_TB1 355595	43.56 1.51 0.00	39.58 1.23 0.00	30.74 1.10 0.00	32.05 1.01 0.00	33.13 0.88 0.00	37.67 1.07 0.00	43.39 1.28 0.00	43.47 1.63 0.00	45.60 1.68 0.00	51.00 1.78 0.00	46.83 1.88 0.00	51.33 2.55 0.00	53.14 2.76 0.00	54.10 3.05 -0.89	50.35 2.91 0.00	51.73 2.97 0.00	62.52 4.20 0.00	125.95 8.86 0.00	54.64 4.24 0.00	55.08 3.76 0.00	59.18 3.19 0.00	58.84 2.81 0.00	63.54 2.67 0.00	59.75 2.62 0.00
CORTLAND_115KV_TB3 80093	42.32 0.27 0.00	38.60 0.25 0.00	29.75 0.11 0.00	31.18 0.14 0.00	32.42 0.17 0.00	36.88 0.27 0.00	42.61 0.51 0.00	42.36 0.52 0.00	44.41 0.49 0.00	49.89 0.67 0.00	45.58 0.63 0.00	49.48 0.70 0.00	50.97 0.58 0.00	50.87 0.70 0.00	48.18 0.74 0.00	49.54 0.78 0.00	59.57 1.26 0.00	120.57 3.48 0.00	52.18 1.79 0.00	52.86 1.54 0.00	57.29 1.31 0.00	57.01 0.98 0.00	61.71 0.83 0.00	57.74 0.61 0.00
COXSACKIE__GT 23611	44.06 2.01 0.00	40.26 1.91 0.00	31.25 1.60 0.00	32.71 1.67 0.00	33.96 1.70 0.00	38.41 1.80 0.00	43.98 1.87 0.00	43.88 2.03 0.00	46.16 2.23 0.00	51.18 1.95 0.00	46.29 1.34 0.00	49.56 0.78 0.00	51.70 1.31 0.00	51.19 1.02 0.00	48.39 0.94 0.00	50.41 1.64 0.00	59.68 1.37 0.00	122.32 5.23 0.00	53.51 3.11 0.00	54.57 3.24 0.00	59.35 3.37 0.00	59.09 3.06 0.00	63.69 2.82 0.00	59.58 2.45 0.00
CPV_VALLEY__CC1 323721	42.37 0.33 0.00	38.65 0.31 0.00	30.00 0.36 0.00	31.36 0.33 0.00	32.49 0.24 0.00	36.86 0.26 0.00	42.40 0.29 0.00	42.42 0.57 0.00	44.48 0.55 0.00	49.69 0.47 0.00	45.46 0.51 0.00	49.64 0.86 0.00	51.54 1.15 0.00	51.40 1.23 0.00	48.72 1.27 0.00	50.10 1.33 0.00	60.34 2.04 0.00	121.92 4.83 0.00	52.89 2.49 0.00	53.42 2.10 0.00	57.52 1.54 0.00	57.25 1.22 0.00	61.74 0.87 0.00	58.02 0.90 0.00
CPV_VALLEY__CC2 323722	42.37 0.33 0.00	38.65 0.31 0.00	30.00 0.36 0.00	31.36 0.33 0.00	32.49 0.24 0.00	36.86 0.26 0.00	42.40 0.29 0.00	42.42 0.57 0.00	44.48 0.55 0.00	49.69 0.47 0.00	45.46 0.51 0.00	49.64 0.86 0.00	51.54 1.15 0.00	51.40 1.23 0.00	48.72 1.27 0.00	50.10 1.33 0.00	60.34 2.04 0.00	121.92 4.83 0.00	52.89 2.49 0.00	53.42 2.10 0.00	57.52 1.54 0.00	57.25 1.22 0.00	61.74 0.87 0.00	58.02 0.90 0.00
CRESCENT__HYD 24018	43.18 1.13 0.00	39.62 1.28 0.00	30.76 1.12 0.00	32.22 1.18 0.00	33.41 1.15 0.00	37.60 1.00 0.00	42.77 0.67 0.00	42.43 0.59 0.00	44.72 0.80 0.00	49.94 0.72 0.00	45.14 0.19 0.00	48.87 0.09 0.00	50.75 0.36 0.00	50.31 0.15 0.00	47.65 0.20 0.00	48.82 0.06 0.00	58.21 -0.10 0.00	117.70 0.61 0.00	51.21 0.81 0.00	52.35 1.03 0.00	57.15 1.17 0.00	57.14 1.11 0.00	61.88 1.00 0.00	58.01 0.88 0.00
CRICKET__VALLEY_CC1 323756	42.38 0.33 0.00	38.71 0.36 0.00	30.15 0.50 0.00	31.48 0.44 0.00	32.61 0.36 0.00	36.89 0.28 0.00	42.31 0.20 0.00	42.31 0.47 0.00	44.41 0.49 0.00	49.65 0.43 0.00	45.39 0.44 0.00	49.48 0.70 0.00	51.38 1.00 0.00	32.64 1.00 18.53	48.51 1.06 0.00	31.88 1.08 17.97	60.10 1.79 0.00	121.32 4.23 0.00	52.73 2.33 0.00	53.31 1.99 0.00	57.42 1.44 0.00	57.19 1.16 0.00	61.74 0.87 0.00	57.98 0.85 0.00
CRICKET__VALLEY_CC2 323757	42.38 0.33 0.00	38.71 0.36 0.00	30.15 0.50 0.00	31.48 0.44 0.00	32.61 0.36 0.00	36.89 0.28 0.00	42.31 0.20 0.00	42.31 0.47 0.00	44.41 0.49 0.00	49.65 0.43 0.00	45.39 0.44 0.00	49.48 0.70 0.00	51.38 1.00 0.00	32.64 1.00 18.53	48.51 1.06 0.00	31.88 1.08 17.97	60.10 1.79 0.00	121.32 4.23 0.00	52.73 2.33 0.00	53.31 1.99 0.00	57.42 1.44 0.00	57.19 1.16 0.00	61.74 0.87 0.00	57.98 0.85 0.00
CRICKET__VALLEY_CC3 323758	42.38 0.33 0.00	38.71 0.36 0.00	30.15 0.50 0.00	31.48 0.44 0.00	32.61 0.36 0.00	36.89 0.28 0.00	42.31 0.20 0.00	42.31 0.47 0.00	44.41 0.49 0.00	49.65 0.43 0.00	45.39 0.44 0.00	49.48 0.70 0.00	51.38 1.00 0.00	32.64 1.00 18.53	48.51 1.06 0.00	31.88 1.08 17.97	60.10 1.79 0.00	121.32 4.23 0.00	52.73 2.33 0.00	53.31 1.99 0.00	57.42 1.44 0.00	57.19 1.16 0.00	61.74 0.87 0.00	57.98 0.85 0.00
CRUCIBLE_METL_DRP 24180	41.98 -0.07 0.00	38.24 -0.11 0.00	29.51 -0.13 0.00	30.92 -0.12 0.00	32.15 -0.10 0.00	36.56 -0.05 0.00	42.18 0.08 0.00	41.82 -0.03 0.00	43.89 -0.03 0.00	49.36 0.14 0.00	45.08 0.13 0.00	48.84 0.06 0.00	50.40 0.01 0.00	50.30 0.13 0.00	47.67 0.23 0.00	49.14 0.37 0.00	58.89 0.58 0.00	118.91 1.82 0.00	51.29 0.90 0.00	51.97 0.65 0.00	56.37 0.39 0.00	56.18 0.15 0.00	60.91 0.03 0.00	57.05 -0.07 0.00
DAHOWA__HYDRO 323763	43.83 1.79 0.00	40.18 1.84 0.00	31.16 1.52 0.00	32.62 1.58 0.00	33.85 1.60 0.00	38.28 1.67 0.00	43.70 1.59 0.00	43.33 1.49 0.00	45.63 1.70 0.00	50.94 1.72 0.00	45.99 1.04 0.00	49.77 0.99 0.00	51.70 1.31 0.00	51.06 0.90 0.00	48.08 0.63 0.00	49.29 0.52 0.00	59.15 0.84 0.00	120.46 3.37 0.00	52.70 2.30 0.00	53.90 2.58 0.00	58.85 2.87 0.00	58.77 2.74 0.00	63.57 2.69 0.00	59.39 2.26 0.00
DANC__LFGE 323619	41.90 -0.15 0.00	38.53 0.19 0.00	29.61 -0.03 0.00	30.64 -0.40 0.00	32.01 -0.24 0.00	36.63 0.03 0.00	42.52 0.41 0.00	42.38 0.54 0.00	44.38 0.46 0.00	49.39 0.17 0.00	44.48 -0.47 0.00	47.66 -1.12 0.00	49.20 -1.19 0.00	49.14 -1.03 0.00	46.40 -1.05 0.00	47.59 -1.17 0.00	57.29 -1.02 0.00	117.59 0.51 0.00	51.22 0.83 0.00	51.90 0.58 0.00	56.12 0.14 0.00	56.24 0.21 0.00	61.13 0.26 0.00	57.43 0.30 0.00
DANSKAMMER__1 23586	43.19 1.14 0.00	39.38 1.03 0.00	30.58 0.94 0.00	31.95 0.91 0.00	33.09 0.84 0.00	37.55 0.94 0.00	43.24 1.13 0.00	43.30 1.46 0.00	45.39 1.47 0.00	50.74 1.52 0.00	46.38 1.43 0.00	50.66 1.87 0.00	52.66 2.27 0.00	52.55 2.39 0.00	49.89 2.45 0.00	51.32 2.55 0.00	61.87 3.56 0.00	125.21 8.12 0.00	54.32 3.92 0.00	54.85 3.53 0.00	58.97 2.99 0.00	58.65 2.62 0.00	63.20 2.33 0.00	59.31 2.19 0.00
DANSKAMMER__2 23589	43.19 1.14 0.00	39.38 1.03 0.00	30.58 0.94 0.00	31.95 0.91 0.00	33.09 0.84 0.00	37.55 0.94 0.00	43.24 1.13 0.00	43.30 1.46 0.00	45.39 1.47 0.00	50.74 1.52 0.00	46.38 1.43 0.00	50.66 1.87 0.00	52.66 2.27 0.00	52.55 2.39 0.00	49.89 2.45 0.00	51.32 2.55 0.00	61.87 3.56 0.00	125.21 8.12 0.00	54.32 3.92 0.00	54.85 3.53 0.00	58.97 2.99 0.00	58.65 2.62 0.00	63.20 2.33 0.00	59.31 2.19 0.00
DANSKAMMER__3 23590	43.19 1.14 0.00	39.38 1.03 0.00	30.58 0.94 0.00	31.95 0.91 0.00	33.09 0.84 0.00	37.55 0.94 0.00	43.24 1.13 0.00	43.30 1.46 0.00	45.39 1.47 0.00	50.74 1.52 0.00	46.38 1.43 0.00	50.66 1.87 0.00	52.66 2.27 0.00	52.55 2.39 0.00	49.89 2.45 0.00	51.32 2.55 0.00	61.87 3.56 0.00	125.21 8.12 0.00	54.32 3.92 0.00	54.85 3.53 0.00	58.97 2.99 0.00	58.65 2.62 0.00	63.20 2.33 0.00	59.31 2.19 0.00

DANSKAMMER___4 23591	43.19 1.14 0.00	39.38 1.03 0.00	30.58 0.94 0.00	31.95 0.91 0.00	33.09 0.84 0.00	37.55 0.94 0.00	43.24 1.13 0.00	43.30 1.46 0.00	45.39 1.47 0.00	50.74 1.52 0.00	46.38 1.43 0.00	50.66 1.87 0.00	52.66 2.27 0.00	52.55 2.39 0.00	49.89 2.45 0.00	51.32 2.55 0.00	61.87 3.56 0.00	125.21 8.12 0.00	54.32 3.92 0.00	54.85 3.53 0.00	58.97 2.99 0.00	58.65 2.62 0.00	63.20 2.33 0.00	59.31 2.19 0.00
DANSKAMMER___DIESEL 23592	43.19 1.14 0.00	39.38 1.04 0.00	30.58 0.94 0.00	31.94 0.91 0.00	33.09 0.84 0.00	37.55 0.94 0.00	43.24 1.13 0.00	43.30 1.46 0.00	45.39 1.47 0.00	50.73 1.51 0.00	46.36 1.41 0.00	50.67 1.89 0.00	52.65 2.26 0.00	52.55 2.38 0.00	49.89 2.45 0.00	51.32 2.56 0.00	61.87 3.56 0.00	125.21 8.12 0.00	54.31 3.91 0.00	54.85 3.52 0.00	58.98 3.00 0.00	58.67 2.64 0.00	63.21 2.34 0.00	59.32 2.20 0.00
DARBY___SOLAR 323810	43.65 1.60 0.00	40.01 1.66 0.00	31.03 1.38 0.00	32.49 1.46 0.00	33.71 1.45 0.00	38.08 1.48 0.00	43.45 1.34 0.00	43.11 1.27 0.00	45.38 1.45 0.00	50.66 1.43 0.00	45.75 0.80 0.00	49.52 0.74 0.00	51.45 1.06 0.00	50.85 0.68 0.00	47.93 0.48 0.00	49.11 0.35 0.00	58.89 0.58 0.00	119.79 2.70 0.00	52.31 1.92 0.00	53.48 2.16 0.00	58.40 2.42 0.00	58.37 2.33 0.00	63.14 2.27 0.00	59.05 1.92 0.00
DASHVILLE___HYD 23610	42.65 0.60 0.00	38.88 0.53 0.00	30.18 0.54 0.00	31.54 0.50 0.00	32.67 0.42 0.00	37.06 0.46 0.00	42.65 0.54 0.00	42.69 0.85 0.00	44.78 0.86 0.00	50.08 0.86 0.00	45.82 0.86 0.00	50.03 1.25 0.00	52.03 1.64 0.00	51.99 1.83 0.00	49.32 1.87 0.00	50.81 2.04 0.00	61.23 2.92 0.00	123.70 6.61 0.00	53.60 3.20 0.00	54.08 2.76 0.00	58.22 2.24 0.00	57.94 1.92 0.00	62.47 1.59 0.00	58.63 1.51 0.00
DELAWARE___LFGE 323621	42.55 0.51 0.00	38.83 0.49 0.00	30.06 0.41 0.00	31.46 0.42 0.00	32.67 0.42 0.00	37.06 0.46 0.00	42.70 0.58 0.00	42.55 0.70 0.00	44.64 0.72 0.00	50.00 0.78 0.00	45.68 0.73 0.00	49.74 0.96 0.00	51.51 1.12 0.00	51.34 1.17 0.00	48.60 1.16 0.00	49.92 1.16 0.00	59.98 1.66 0.00	121.14 4.05 0.00	52.40 2.01 0.00	53.01 1.69 0.00	57.43 1.44 0.00	57.27 1.23 0.00	61.94 1.06 0.00	58.09 0.96 0.00
DERFIELD_115KV_TB7 355931	42.04 -0.01 0.00	38.37 0.02 0.00	29.69 0.05 0.00	31.07 0.03 0.00	32.28 0.03 0.00	36.63 0.03 0.00	42.11 0.00 0.00	41.86 0.02 0.00	43.93 0.00 0.00	49.15 -0.07 0.00	44.86 -0.09 0.00	48.73 -0.05 0.00	50.34 -0.05 0.00	50.08 -0.09 0.00	47.38 -0.06 0.00	48.69 -0.08 0.00	58.30 -0.01 0.00	117.38 0.29 0.00	50.69 0.30 0.00	51.55 0.23 0.00	56.09 0.11 0.00	56.09 0.06 0.00	60.86 -0.01 0.00	57.12 -0.01 0.00
DOGLEVILLE___HYD 23807	42.36 0.31 0.00	38.98 0.64 0.00	30.33 0.69 0.00	31.72 0.68 0.00	32.91 0.66 0.00	37.19 0.59 0.00	42.50 0.39 0.00	42.29 0.44 0.00	43.98 0.05 0.00	48.28 -0.94 0.00	44.18 -0.77 0.00	48.01 -0.77 0.00	49.56 -0.83 0.00	48.86 -1.31 0.00	45.76 -1.69 0.00	46.90 -1.87 0.00	56.24 -2.07 0.00	115.89 -1.20 0.00	51.16 0.76 0.00	52.42 1.09 0.00	57.10 1.12 0.00	57.11 1.08 0.00	61.69 0.82 0.00	57.71 0.58 0.00
DUNKIRK___115KV_TB_200 55889	42.27 0.22 0.00	38.33 -0.01 0.00	29.08 -0.56 0.00	30.88 -0.15 0.00	32.43 0.18 0.00	36.85 0.24 0.00	43.04 0.93 0.00	42.66 0.82 0.00	44.78 0.85 0.00	51.18 1.95 0.00	47.21 2.26 0.00	51.21 2.43 0.00	52.74 2.35 0.00	52.50 2.33 0.00	49.77 2.32 0.00	51.28 2.51 0.00	61.46 3.15 0.00	124.73 7.64 0.00	53.19 2.79 0.00	52.71 1.39 0.00	56.73 0.74 0.00	56.83 0.80 0.00	61.97 1.09 0.00	58.08 0.96 0.00
DUNKIRK___1 23563	42.27 0.22 0.00	38.33 -0.01 0.00	29.08 -0.56 0.00	30.88 -0.15 0.00	32.43 0.18 0.00	36.85 0.24 0.00	43.04 0.93 0.00	42.66 0.82 0.00	44.78 0.85 0.00	51.18 1.95 0.00	47.21 2.26 0.00	51.21 2.43 0.00	52.74 2.35 0.00	52.50 2.33 0.00	49.77 2.32 0.00	51.28 2.51 0.00	61.46 3.15 0.00	124.73 7.64 0.00	53.19 2.79 0.00	52.71 1.39 0.00	56.73 0.74 0.00	56.83 0.80 0.00	61.97 1.09 0.00	58.08 0.96 0.00
DUNKIRK___2 23564	42.27 0.22 0.00	38.33 -0.01 0.00	29.08 -0.56 0.00	30.88 -0.15 0.00	32.43 0.18 0.00	36.85 0.24 0.00	43.04 0.93 0.00	42.66 0.82 0.00	44.78 0.85 0.00	51.18 1.95 0.00	47.21 2.26 0.00	51.21 2.43 0.00	52.74 2.35 0.00	52.50 2.33 0.00	49.77 2.32 0.00	51.28 2.51 0.00	61.46 3.15 0.00	124.73 7.64 0.00	53.19 2.79 0.00	52.71 1.39 0.00	56.73 0.74 0.00	56.83 0.80 0.00	61.97 1.09 0.00	58.08 0.96 0.00
DUNKIRK___3 23565	42.27 0.22 0.00	38.36 0.02 0.00	29.17 -0.47 0.00	30.91 -0.13 0.00	32.42 0.17 0.00	36.84 0.24 0.00	42.98 0.88 0.00	42.56 0.71 0.00	44.63 0.70 0.00	51.05 1.83 0.00	47.04 2.09 0.00	50.97 2.19 0.00	52.47 2.08 0.00	52.29 2.12 0.00	49.58 2.13 0.00	51.08 2.32 0.00	61.04 2.72 0.00	123.73 6.65 0.00	52.84 2.44 0.00	52.49 1.17 0.00	56.53 0.55 0.00	56.50 0.47 0.00	61.65 0.78 0.00	57.88 0.76 0.00
DUNKIRK___4 23566	42.27 0.22 0.00	38.36 0.02 0.00	29.17 -0.47 0.00	30.91 -0.13 0.00	32.42 0.17 0.00	36.84 0.24 0.00	42.98 0.88 0.00	42.56 0.71 0.00	44.63 0.70 0.00	51.05 1.83 0.00	47.04 2.09 0.00	50.97 2.19 0.00	52.47 2.08 0.00	52.29 2.12 0.00	49.58 2.13 0.00	51.08 2.32 0.00	61.04 2.72 0.00	123.73 6.65 0.00	52.84 2.44 0.00	52.49 1.17 0.00	56.53 0.55 0.00	56.50 0.47 0.00	61.65 0.78 0.00	57.88 0.76 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	43.04 0.99 0.00	39.22 0.87 0.00	30.50 0.85 0.00	31.84 0.80 0.00	32.95 0.70 0.00	37.37 0.77 0.00	43.06 0.95 0.00	43.18 1.34 0.00	45.31 1.39 0.00	50.61 1.39 0.00	46.35 1.39 0.00	50.68 1.90 0.00	52.60 2.22 0.00	52.45 2.28 0.00	49.70 2.26 0.00	51.11 2.35 0.00	61.62 3.30 0.00	124.40 7.31 0.00	54.01 3.61 0.00	54.47 3.15 0.00	58.49 2.51 0.00	58.23 2.20 0.00	62.81 1.94 0.00	59.07 1.94 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	42.89 0.84 0.00	39.11 0.76 0.00	30.35 0.71 0.00	31.73 0.69 0.00	32.86 0.61 0.00	37.27 0.67 0.00	42.93 0.82 0.00	42.98 1.14 0.00	45.04 1.12 0.00	50.33 1.10 0.00	46.01 1.05 0.00	50.28 1.50 0.00	52.24 1.86 0.00	52.13 1.96 0.00	49.49 2.04 0.00	50.88 2.12 0.00	61.34 3.03 0.00	124.16 7.07 0.00	53.89 3.49 0.00	54.43 3.11 0.00	58.53 2.55 0.00	58.21 2.19 0.00	62.71 1.83 0.00	58.90 1.77 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	43.07 1.02 0.00	39.25 0.90 0.00	30.57 0.93 0.00	31.85 0.81 0.00	32.94 0.69 0.00	37.43 0.83 0.00	43.19 1.08 0.00	43.28 1.44 0.00	45.41 1.49 0.00	50.68 1.46 0.00	46.40 1.44 0.00	50.66 1.88 0.00	52.56 2.17 0.00	52.52 2.35 0.00	49.69 2.25 0.00	51.07 2.31 0.00	61.50 3.19 0.00	124.24 7.15 0.00	53.95 3.55 0.00	54.37 3.05 0.00	58.43 2.45 0.00	58.26 2.23 0.00	62.83 1.95 0.00	59.18 2.06 0.00

E179THST_13_KV_LOAD 356214	43.28 1.23 0.00	39.44 1.09 0.00	30.72 1.07 0.00	32.00 0.96 0.00	33.09 0.84 0.00	37.62 1.01 0.00	43.41 1.30 0.00	43.52 1.67 0.00	45.67 1.75 0.00	50.98 1.75 0.00	46.67 1.72 0.00	50.97 2.19 0.00	52.88 2.49 0.00	52.86 2.70 0.00	50.01 2.56 0.00	51.42 2.65 0.00	61.93 3.62 0.00	125.09 8.01 0.00	54.31 3.92 0.00	54.74 3.42 0.00	58.81 2.83 0.00	58.64 2.61 0.00	63.24 2.37 0.00	59.55 2.42 0.00
EAST HAMPTON___GT 23717	44.88 2.83 0.00	40.50 2.16 0.00	31.31 1.67 0.00	32.44 1.40 0.00	33.08 0.82 0.00	37.68 1.08 0.00	43.33 1.22 0.00	43.76 1.92 0.00	46.90 2.98 0.00	52.37 3.14 0.00	48.24 3.29 0.00	53.88 5.10 0.00	55.15 4.76 0.00	56.56 5.50 -0.89	52.70 5.25 0.00	53.44 4.68 0.00	64.89 6.58 0.00	132.26 15.17 0.00	57.18 6.78 0.00	57.37 6.05 0.00	60.77 4.79 0.00	60.82 4.79 0.00	65.77 4.90 0.00	61.13 4.00 0.00
EAST RIVER___6 23660	43.24 1.19 0.00	39.37 1.03 0.00	30.63 0.99 0.00	31.97 0.93 0.00	33.08 0.83 0.00	37.54 0.94 0.00	43.29 1.18 0.00	43.49 1.65 0.00	45.68 1.76 0.00	51.05 1.83 0.00	46.79 1.84 0.00	51.08 2.30 0.00	53.02 2.63 0.00	52.85 2.68 0.00	50.08 2.63 0.00	51.50 2.73 0.00	62.05 3.74 0.00	125.11 8.02 0.00	54.37 3.98 0.00	54.83 3.51 0.00	58.76 2.78 0.00	58.55 2.52 0.00	63.26 2.38 0.00	59.49 2.37 0.00
EAST RIVER___7 23524	43.24 1.19 0.00	39.37 1.03 0.00	30.63 0.99 0.00	31.97 0.93 0.00	33.08 0.83 0.00	37.54 0.94 0.00	43.29 1.18 0.00	43.49 1.65 0.00	45.68 1.76 0.00	51.05 1.83 0.00	46.79 1.84 0.00	51.08 2.30 0.00	53.02 2.63 0.00	52.85 2.68 0.00	50.08 2.63 0.00	51.50 2.73 0.00	62.05 3.74 0.00	125.11 8.02 0.00	54.37 3.98 0.00	54.83 3.51 0.00	58.76 2.78 0.00	58.55 2.52 0.00	63.26 2.38 0.00	59.49 2.37 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	42.97 0.92 0.00	39.17 0.83 0.00	30.44 0.80 0.00	31.79 0.76 0.00	32.90 0.65 0.00	37.32 0.72 0.00	42.99 0.88 0.00	43.10 1.25 0.00	45.21 1.29 0.00	50.50 1.28 0.00	46.23 1.28 0.00	50.55 1.78 0.00	52.49 2.11 0.00	52.35 2.18 0.00	49.61 2.17 0.00	51.02 2.26 0.00	61.51 3.19 0.00	124.20 7.11 0.00	53.93 3.54 0.00	54.40 3.07 0.00	58.42 2.44 0.00	58.13 2.10 0.00	62.69 1.82 0.00	58.96 1.83 0.00
EAST_HAMPTON___DIESEL 23722	44.86 2.82 0.00	40.50 2.15 0.00	31.29 1.64 0.00	32.41 1.37 0.00	33.03 0.78 0.00	37.63 1.02 0.00	43.28 1.17 0.00	43.71 1.86 0.00	46.89 2.97 0.00	52.32 3.10 0.00	48.24 3.29 0.00	53.89 5.11 0.00	55.14 4.75 0.00	56.56 5.50 -0.89	52.69 5.25 0.00	53.44 4.67 0.00	64.91 6.59 0.00	132.31 15.22 0.00	57.19 6.79 0.00	57.37 6.05 0.00	60.76 4.77 0.00	60.81 4.78 0.00	65.77 4.90 0.00	61.10 3.98 0.00
EAST_POINT___SOLAR 323840	44.41 2.36 0.00	40.39 2.04 0.00	31.05 1.41 0.00	32.48 1.45 0.00	33.85 1.60 0.00	38.63 2.03 0.00	44.88 2.77 0.00	44.65 2.81 0.00	45.25 1.33 0.00	50.18 0.96 0.00	46.02 1.06 0.00	49.80 1.02 0.00	51.56 1.17 0.00	51.68 1.52 0.00	48.66 1.21 0.00	49.75 0.98 0.00	58.87 0.55 0.00	120.30 3.21 0.00	53.50 3.11 0.00	54.83 3.51 0.00	59.77 3.79 0.00	59.83 3.80 0.00	64.88 4.01 0.00	60.83 3.70 0.00
EAST_PULASKI___ESR 323781	41.72 -0.33 0.00	38.16 -0.19 0.00	29.39 -0.25 0.00	30.65 -0.39 0.00	31.92 -0.34 0.00	36.38 -0.22 0.00	42.03 -0.08 0.00	41.73 -0.11 0.00	43.77 -0.16 0.00	48.99 -0.23 0.00	44.47 -0.48 0.00	47.88 -0.90 0.00	49.45 -0.94 0.00	49.37 -0.80 0.00	46.70 -0.75 0.00	47.96 -0.80 0.00	57.54 -0.77 0.00	117.04 -0.05 0.00	50.72 0.32 0.00	51.43 0.11 0.00	55.77 -0.22 0.00	55.82 -0.21 0.00	60.52 -0.35 0.00	56.76 -0.37 0.00
EAST_RIVER___1 323558	43.15 1.10 0.00	39.31 0.97 0.00	30.58 0.94 0.00	31.92 0.88 0.00	33.01 0.76 0.00	37.47 0.86 0.00	43.20 1.09 0.00	43.37 1.53 0.00	45.53 1.61 0.00	50.87 1.64 0.00	46.61 1.66 0.00	50.94 2.17 0.00	52.88 2.49 0.00	52.69 2.52 0.00	49.91 2.47 0.00	51.31 2.55 0.00	61.82 3.51 0.00	124.74 7.65 0.00	54.19 3.79 0.00	54.62 3.30 0.00	58.58 2.60 0.00	58.33 2.30 0.00	63.01 2.13 0.00	59.28 2.16 0.00
EAST_RIVER___2 323559	43.24 1.19 0.00	39.37 1.03 0.00	30.63 0.99 0.00	31.97 0.93 0.00	33.08 0.83 0.00	37.54 0.94 0.00	43.29 1.18 0.00	43.49 1.65 0.00	45.68 1.76 0.00	51.05 1.83 0.00	46.79 1.84 0.00	51.08 2.30 0.00	53.02 2.63 0.00	52.85 2.68 0.00	50.08 2.63 0.00	51.50 2.73 0.00	62.05 3.74 0.00	125.11 8.02 0.00	54.37 3.98 0.00	54.83 3.51 0.00	58.76 2.78 0.00	58.55 2.52 0.00	63.26 2.38 0.00	59.49 2.37 0.00
EAST___DELAWARE_HYD 23607	42.22 0.17 0.00	38.47 0.12 0.00	29.83 0.19 0.00	31.19 0.15 0.00	32.32 0.06 0.00	36.70 0.09 0.00	42.29 0.18 0.00	42.35 0.51 0.00	44.38 0.45 0.00	49.54 0.32 0.00	45.33 0.38 0.00	49.39 0.61 0.00	51.37 0.98 0.00	51.36 1.19 0.00	48.73 1.28 0.00	50.11 1.35 0.00	60.45 2.14 0.00	122.81 5.72 0.00	53.25 2.85 0.00	53.80 2.47 0.00	57.90 1.92 0.00	57.54 1.51 0.00	61.96 1.08 0.00	58.09 0.97 0.00
EIGHT_POINT___WT_PWR 323820	41.59 -0.46 0.00	37.72 -0.62 0.00	27.96 -1.69 0.00	29.79 -1.25 0.00	31.30 -0.95 0.00	35.90 -0.70 0.00	42.12 0.01 0.00	41.83 -0.01 0.00	43.51 -0.41 0.00	50.02 0.79 0.00	46.26 1.31 0.00	50.31 1.53 0.00	52.25 1.87 0.00	52.32 2.15 0.00	49.30 1.86 0.00	50.62 1.86 0.00	60.94 2.63 0.00	124.16 7.07 0.00	53.40 3.00 0.00	53.66 2.34 0.00	57.54 1.55 0.00	56.29 0.26 0.00	60.90 0.03 0.00	57.21 0.08 0.00
ELBRIDGE_115KV_TB2 80188	41.82 -0.23 0.00	38.07 -0.27 0.00	29.39 -0.26 0.00	30.81 -0.23 0.00	32.04 -0.21 0.00	36.41 -0.19 0.00	42.00 -0.10 0.00	41.64 -0.20 0.00	43.69 -0.23 0.00	49.13 -0.09 0.00	44.87 -0.08 0.00	48.61 -0.17 0.00	50.17 -0.22 0.00	50.05 -0.12 0.00	47.44 0.00 0.00	48.87 0.11 0.00	58.59 0.28 0.00	118.34 1.25 0.00	51.01 0.62 0.00	51.70 0.38 0.00	56.05 0.07 0.00	55.89 -0.14 0.00	60.62 -0.25 0.00	56.81 -0.31 0.00
ELEC_TRO_TEK 24086	43.34 1.29 0.00	39.38 1.04 0.00	30.60 0.96 0.00	31.90 0.86 0.00	32.97 0.72 0.00	37.49 0.88 0.00	43.18 1.07 0.00	43.26 1.42 0.00	45.44 1.52 0.00	50.83 1.61 0.00	46.67 1.72 0.00	51.14 2.36 0.00	52.91 2.52 0.00	53.83 2.78 -0.89	50.07 2.63 0.00	51.37 2.60 0.00	62.05 3.73 0.00	125.08 8.00 0.00	54.28 3.88 0.00	54.71 3.39 0.00	58.77 2.79 0.00	58.44 2.41 0.00	63.04 2.17 0.00	59.31 2.19 0.00
ELLENBURG_WT_PWR 323604	42.13 0.08 0.00	38.26 -0.08 0.00	29.45 -0.19 0.00	30.87 -0.17 0.00	32.07 -0.18 0.00	36.48 -0.12 0.00	42.09 -0.02 0.00	41.86 0.02 0.00	43.99 0.07 0.00	49.28 0.06 0.00	45.04 0.08 0.00	48.70 -0.08 0.00	50.18 -0.20 0.00	49.86 -0.30 0.00	47.09 -0.35 0.00	48.37 -0.40 0.00	57.74 -0.57 0.00	115.47 -1.62 0.00	49.51 -0.88 0.00	50.74 -0.58 0.00	55.64 -0.35 0.00	55.70 -0.33 0.00	61.07 0.19 0.00	57.34 0.21 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	42.47 0.42 0.00	38.54 0.19 0.00	29.45 -0.19 0.00	31.15 0.11 0.00	32.58 0.33 0.00	37.00 0.39 0.00	43.10 0.99 0.00	42.45 0.60 0.00	44.52 0.60 0.00	51.19 1.96 0.00	47.01 2.05 0.00	50.69 1.91 0.00	52.06 1.67 0.00	51.95 1.79 0.00	49.32 1.87 0.00	50.87 2.11 0.00	60.21 1.90 0.00	121.85 4.76 0.00	52.08 1.68 0.00	51.99 0.68 0.00	56.10 0.12 0.00	56.05 0.02 0.00	61.47 0.60 0.00	57.91 0.78 0.00
EMPIRE_CC_1 323656	42.95 0.90 0.00	39.51 1.16 0.00	30.78 1.14 0.00	32.26 1.22 0.00	33.41 1.16 0.00	37.36 0.75 0.00	42.22 0.11 0.00	41.83 -0.01 0.00	44.18 0.25 0.00	49.30 0.08 0.00	44.38 -0.57 0.00	47.97 -0.81 0.00	49.88 -0.51 0.00	49.42 -0.74 0.00	46.89 -0.56 0.00	47.99 -0.77 0.00	56.86 -1.45 0.00	114.69 -2.40 0.00	49.97 -0.42 0.00	51.34 0.02 0.00	56.09 0.11 0.00	56.12 0.09 0.00	60.78 -0.10 0.00	57.08 -0.04 0.00
EMPIRE_CC_2 323658	42.95 0.90 0.00	39.51 1.16 0.00	30.78 1.14 0.00	32.26 1.22 0.00	33.41 1.16 0.00	37.36 0.75 0.00	42.22 0.11 0.00	41.83 -0.01 0.00	44.18 0.25 0.00	49.30 0.08 0.00	44.38 -0.57 0.00	47.97 -0.81 0.00	49.88 -0.51 0.00	49.42 -0.74 0.00	46.89 -0.56 0.00	47.99 -0.77 0.00	56.86 -1.45 0.00	114.69 -2.40 0.00	49.97 -0.42 0.00	51.34 0.02 0.00	56.09 0.11 0.00	56.12 0.09 0.00	60.78 -0.10 0.00	57.08 -0.04 0.00
ENORWICH_115KV_TB1 80156	43.09 1.04 0.00	39.57 1.23 0.00	30.54 0.89 0.00	32.14 1.10 0.00	33.42 1.17 0.00	38.13 1.53 0.00	44.39 2.28 0.00	44.35 2.51 0.00	46.56 2.64 0.00	52.32 3.09 0.00	47.25 2.29 0.00	51.73 2.95 0.00	53.15 2.76 0.00	52.95 2.79 0.00	50.22 2.78 0.00	51.55 2.78 0.00	61.88 3.57 0.00	129.20 12.11 0.00	56.27 5.87 0.00	57.10 5.78 0.00	61.69 5.71 0.00	61.09 5.06 0.00	65.82 4.95 0.00	61.27 4.14 0.00
ERIE_ST__34_KV_TB1-2 80199	43.04 1.00 0.00	39.03 0.69 0.00	29.85 0.21 0.00	31.56 0.52 0.00	32.97 0.71 0.00	37.43 0.83 0.00	43.59 1.48 0.00	42.94 1.10 0.00	45.15 1.22 0.00	52.00 2.78 0.00	47.66 2.70 0.00	51.39 2.61 0.00	52.82 2.43 0.00	52.74 2.57 0.00	50.12 2.68 0.00	51.77 3.00 0.00	61.33 3.02 0.00	124.03 6.94 0.00	52.97 2.58 0.00	52.92 1.59 0.00	57.26 1.28 0.00	57.17 1.14 0.00	62.66 1.79 0.00	58.92 1.79 0.00
ERIE_WT_PWR 323693	36.04 0.61 6.62	31.99 0.36 6.71	24.15 -0.07 5.43	27.74 0.25 3.55	28.11 0.47 4.61	30.22 0.56 6.94	39.94 1.17 3.34	42.23 0.82 0.43	40.38 0.80 4.34	41.04 2.20 10.38	44.89 2.19 2.25	51.04 2.26 0.00	52.34 1.95 0.00	52.22 2.06 0.00	49.64 2.19 0.00	51.20 2.44 0.00	60.64 2.33 0.00	122.82 5.74 0.00	52.49 2.09 0.00	52.33 1.01 0.00	51.29 0.54 5.24	51.73 0.45 4.76	49.39 1.10 12.58	41.06 1.24 17.31
ESPRGFLD_115KV_TB1 80157	43.10 1.05 0.00	39.31 0.96 0.00	30.41 0.76 0.00	31.81 0.77 0.00	33.06 0.81 0.00	37.54 0.93 0.00	43.36 1.26 0.00	43.25 1.41 0.00	45.37 1.45 0.00	50.86 1.63 0.00	46.43 1.48 0.00	50.59 1.81 0.00	52.31 1.92 0.00	52.17 2.01 0.00	49.41 1.97 0.00	50.81 2.04 0.00	61.07 2.76 0.00	123.81 6.72 0.00	53.60 3.20 0.00	54.22 2.89 0.00	58.62 2.64 0.00	58.39 2.36 0.00	63.03 2.16 0.00	59.05 1.93 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	42.50 0.46 0.00	38.76 0.42 0.00	29.87 0.22 0.00	31.33 0.30 0.00	32.59 0.33 0.00	37.07 0.47 0.00	42.88 0.77 0.00	42.62 0.78 0.00	44.67 0.74 0.00	50.16 0.94 0.00	45.82 0.87 0.00	49.74 0.96 0.00	51.09 0.70 0.00	51.08 0.91 0.00	48.38 0.94 0.00	49.74 0.97 0.00	59.96 1.64 0.00	121.49 4.40 0.00	52.68 2.29 0.00	53.41 2.09 0.00	57.85 1.87 0.00	57.51 1.48 0.00	62.23 1.35 0.00	58.20 1.08 0.00
ETNA____115KV_TB2 80207	42.50 0.46 0.00	38.76 0.42 0.00	29.87 0.22 0.00	31.33 0.30 0.00	32.59 0.33 0.00	37.07 0.47 0.00	42.88 0.77 0.00	42.62 0.78 0.00	44.67 0.74 0.00	50.16 0.94 0.00	45.82 0.87 0.00	49.74 0.96 0.00	51.09 0.70 0.00	51.08 0.91 0.00	48.38 0.94 0.00	49.74 0.97 0.00	59.96 1.64 0.00	121.49 4.40 0.00	52.68 2.29 0.00	53.41 2.09 0.00	57.85 1.87 0.00	57.51 1.48 0.00	62.23 1.35 0.00	58.20 1.08 0.00
EUCLID__115KV_TB2 356179	41.58 -0.47 0.00	37.91 -0.44 0.00	29.25 -0.40 0.00	30.63 -0.40 0.00	31.86 -0.39 0.00	36.21 -0.40 0.00	41.72 -0.39 0.00	41.35 -0.49 0.00	43.41 -0.51 0.00	48.85 -0.37 0.00	44.61 -0.35 0.00	48.34 -0.44 0.00	49.91 -0.47 0.00	49.83 -0.34 0.00	47.20 -0.24 0.00	48.60 -0.17 0.00	58.20 -0.12 0.00	117.37 0.28 0.00	50.61 0.21 0.00	51.25 -0.07 0.00	55.60 -0.38 0.00	55.48 -0.56 0.00	60.18 -0.69 0.00	56.40 -0.72 0.00
EXCELSIOR__SOLAR 323857	42.10 0.06 0.00	38.27 -0.08 0.00	29.37 -0.27 0.00	30.93 -0.10 0.00	32.28 0.03 0.00	36.66 0.05 0.00	42.54 0.43 0.00	41.97 0.13 0.00	44.03 0.11 0.00	50.32 1.10 0.00	46.12 1.17 0.00	49.77 0.99 0.00	51.19 0.80 0.00	51.11 0.95 0.00	48.50 1.05 0.00	50.00 1.23 0.00	59.31 1.00 0.00	119.87 2.78 0.00	51.38 0.98 0.00	51.59 0.27 0.00	52.46 -0.26 3.26	52.72 -0.34 2.96	53.03 -0.01 7.84	46.46 0.13 10.79
E_CANADA_CAP_HY 24051	44.05 2.00 0.00	40.00 1.66 0.00	30.70 1.06 0.00	32.13 1.09 0.00	33.51 1.26 0.00	38.27 1.67 0.00	44.55 2.45 0.00	44.33 2.48 0.00	46.04 2.11 0.00	51.47 2.25 0.00	46.98 2.03 0.00	51.01 2.23 0.00	52.51 2.12 0.00	52.56 2.40 0.00	49.36 1.92 0.00	50.68 1.92 0.00	60.00 1.69 0.00	121.63 4.54 0.00	53.07 2.67 0.00	54.05 2.73 0.00	58.86 2.88 0.00	59.13 3.10 0.00	64.31 3.43 0.00	60.47 3.34 0.00
E_CANADA_MHWK_HY 24050	42.36 0.31 0.00	38.98 0.64 0.00	30.33 0.69 0.00	31.72 0.68 0.00	32.91 0.66 0.00	37.19 0.59 0.00	42.50 0.39 0.00	42.29 0.44 0.00	43.98 0.06 0.00	48.28 -0.94 0.00	44.19 -0.77 0.00	48.01 -0.77 0.00	49.56 -0.83 0.00	48.86 -1.31 0.00	45.76 -1.69 0.00	46.89 -1.87 0.00	56.24 -2.07 0.00	115.89 -1.20 0.00	51.16 0.76 0.00	52.42 1.09 0.00	57.10 1.12 0.00	57.11 1.08 0.00	61.69 0.81 0.00	57.71 0.58 0.00
E_FISHKILL__LBMP 23776	42.72 0.68 0.00	38.97 0.63 0.00	30.29 0.65 0.00	31.64 0.60 0.00	32.76 0.51 0.00	37.14 0.53 0.00	42.70 0.59 0.00	42.74 0.90 0.00	44.85 0.92 0.00	50.10 0.88 0.00	45.82 0.86 0.00	50.04 1.26 0.00	51.95 1.56 0.00	51.78 1.62 0.00	49.08 1.63 0.00	50.44 1.68 0.00	60.78 2.47 0.00	122.72 5.63 0.00	53.27 2.87 0.00	53.78 2.46 0.00	57.88 1.90 0.00	57.66 1.63 0.00	62.21 1.34 0.00	58.49 1.37 0.00
FALCON__SEABRD_CC1 323796	42.68 0.63 0.00	38.66 0.31 0.00	29.73 0.08 0.00	31.15 0.11 0.00	32.41 0.15 0.00	36.92 0.32 0.00	42.63 0.52 0.00	42.41 0.56 0.00	44.60 0.67 0.00	49.93 0.70 0.00	45.63 0.68 0.00	49.53 0.75 0.00	51.02 0.63 0.00	50.50 0.33 0.00	47.58 0.13 0.00	48.54 -0.23 0.00	58.09 -0.22 0.00	116.38 -0.71 0.00	50.00 -0.40 0.00	51.12 -0.21 0.00	56.02 0.04 0.00	56.32 0.29 0.00	62.11 1.24 0.00	58.56 1.44 0.00

FALCON___SEABRD_CC2 323797	42.68 0.63 0.00	38.66 0.31 0.00	29.73 0.08 0.00	31.15 0.11 0.00	32.41 0.15 0.00	36.92 0.32 0.00	42.63 0.52 0.00	42.41 0.56 0.00	44.60 0.67 0.00	49.93 0.70 0.00	45.63 0.68 0.00	49.53 0.75 0.00	51.02 0.63 0.00	50.50 0.33 0.00	47.58 0.13 0.00	48.54 -0.23 0.00	58.09 -0.22 0.00	116.38 -0.71 0.00	50.00 -0.40 0.00	51.12 -0.21 0.00	56.02 0.04 0.00	56.32 0.29 0.00	62.11 1.24 0.00	58.56 1.44 0.00
FAR ROCKAWAY___4 23548	43.97 1.92 0.00	39.94 1.59 0.00	30.99 1.35 0.00	32.31 1.27 0.00	33.40 1.15 0.00	38.00 1.40 0.00	43.78 1.67 0.00	43.86 2.01 0.00	45.76 1.84 0.00	51.21 1.99 0.00	47.04 2.08 0.00	51.60 2.82 0.00	53.42 3.03 0.00	54.47 3.42 -0.89	50.74 3.29 0.00	52.20 3.44 0.00	63.25 4.93 0.00	127.06 9.97 0.00	55.09 4.69 0.00	55.52 4.19 0.00	59.62 3.64 0.00	59.28 3.25 0.00	64.38 3.50 0.00	60.46 3.33 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	43.18 1.13 0.00	39.32 0.97 0.00	30.60 0.95 0.00	31.93 0.89 0.00	33.04 0.79 0.00	37.48 0.88 0.00	43.22 1.12 0.00	43.40 1.55 0.00	45.54 1.62 0.00	50.87 1.65 0.00	46.60 1.64 0.00	50.96 2.18 0.00	52.90 2.51 0.00	52.72 2.55 0.00	49.95 2.50 0.00	51.35 2.59 0.00	61.86 3.55 0.00	124.83 7.74 0.00	54.22 3.82 0.00	54.65 3.33 0.00	58.61 2.63 0.00	58.37 2.34 0.00	63.05 2.18 0.00	59.32 2.20 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	43.18 1.13 0.00	39.33 0.99 0.00	30.60 0.96 0.00	31.93 0.90 0.00	33.04 0.79 0.00	37.48 0.88 0.00	43.22 1.12 0.00	43.40 1.55 0.00	45.53 1.61 0.00	50.87 1.65 0.00	46.59 1.64 0.00	50.95 2.17 0.00	52.88 2.49 0.00	52.71 2.54 0.00	49.91 2.47 0.00	51.33 2.56 0.00	61.83 3.52 0.00	124.79 7.70 0.00	54.21 3.81 0.00	54.64 3.32 0.00	58.60 2.62 0.00	58.38 2.35 0.00	63.06 2.19 0.00	59.34 2.21 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	43.14 1.09 0.00	39.31 0.96 0.00	30.58 0.94 0.00	31.91 0.88 0.00	33.01 0.76 0.00	37.47 0.86 0.00	43.20 1.09 0.00	43.36 1.52 0.00	45.52 1.60 0.00	50.84 1.62 0.00	46.56 1.61 0.00	50.92 2.14 0.00	52.87 2.48 0.00	52.67 2.50 0.00	49.90 2.45 0.00	51.30 2.54 0.00	61.79 3.48 0.00	124.72 7.63 0.00	54.16 3.76 0.00	54.59 3.27 0.00	58.54 2.56 0.00	58.31 2.28 0.00	62.98 2.11 0.00	59.26 2.13 0.00
FARRAGUT___LBMP 323566	43.11 1.06 0.00	39.27 0.93 0.00	30.56 0.92 0.00	31.89 0.85 0.00	32.99 0.73 0.00	37.43 0.83 0.00	43.16 1.05 0.00	43.31 1.47 0.00	45.47 1.55 0.00	50.78 1.56 0.00	46.51 1.56 0.00	50.86 2.08 0.00	52.79 2.40 0.00	52.61 2.44 0.00	49.82 2.37 0.00	51.22 2.46 0.00	61.70 3.38 0.00	124.51 7.42 0.00	54.10 3.70 0.00	54.52 3.20 0.00	58.47 2.49 0.00	58.26 2.23 0.00	62.92 2.04 0.00	59.21 2.08 0.00
FARRCKWY_69_KV_BK2 55825	43.97 1.92 0.00	39.94 1.59 0.00	30.99 1.35 0.00	32.31 1.27 0.00	33.40 1.15 0.00	38.00 1.40 0.00	43.78 1.67 0.00	43.86 2.01 0.00	45.76 1.84 0.00	51.21 1.99 0.00	47.04 2.08 0.00	51.60 2.82 0.00	53.42 3.03 0.00	54.47 3.42 -0.89	50.74 3.29 0.00	52.20 3.44 0.00	63.25 4.93 0.00	127.06 9.97 0.00	55.09 4.69 0.00	55.52 4.19 0.00	59.62 3.64 0.00	59.28 3.25 0.00	64.38 3.50 0.00	60.46 3.33 0.00
FENNER___WINDPWR 24204	42.55 0.50 0.00	38.83 0.49 0.00	29.96 0.32 0.00	31.35 0.31 0.00	32.62 0.37 0.00	37.12 0.51 0.00	42.90 0.79 0.00	42.71 0.86 0.00	44.80 0.88 0.00	50.21 0.99 0.00	45.79 0.84 0.00	49.63 0.85 0.00	51.05 0.66 0.00	50.86 0.69 0.00	48.13 0.69 0.00	49.59 0.83 0.00	59.54 1.23 0.00	120.77 3.68 0.00	52.38 1.98 0.00	53.20 1.88 0.00	57.70 1.72 0.00	57.51 1.48 0.00	62.28 1.40 0.00	58.27 1.14 0.00
FIBERTEK___ENERGY 23856	41.98 -0.07 0.00	38.24 -0.11 0.00	29.51 -0.13 0.00	30.92 -0.12 0.00	32.15 -0.10 0.00	36.56 -0.05 0.00	42.18 0.08 0.00	41.82 -0.03 0.00	43.89 -0.03 0.00	49.36 0.14 0.00	45.08 0.13 0.00	48.84 0.06 0.00	50.40 0.01 0.00	50.30 0.13 0.00	47.67 0.23 0.00	49.14 0.37 0.00	58.89 0.58 0.00	118.91 1.82 0.00	51.29 0.90 0.00	51.97 0.65 0.00	56.37 0.39 0.00	56.18 0.15 0.00	60.91 0.03 0.00	57.05 -0.07 0.00
FITZPATRICK____ 23598	41.00 -1.05 0.00	37.38 -0.96 0.00	28.86 -0.78 0.00	30.24 -0.80 0.00	31.44 -0.81 0.00	35.71 -0.90 0.00	41.09 -1.02 0.00	40.68 -1.16 0.00	42.70 -1.22 0.00	47.99 -1.23 0.00	43.82 -1.13 0.00	47.50 -1.28 0.00	49.03 -1.36 0.00	48.89 -1.28 0.00	46.31 -1.14 0.00	47.64 -1.12 0.00	57.00 -1.31 0.00	114.84 -2.25 0.00	49.51 -0.89 0.00	50.21 -1.11 0.00	54.57 -1.42 0.00	54.51 -1.52 0.00	59.15 -1.73 0.00	55.49 -1.64 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	43.28 1.23 0.00	39.46 1.11 0.00	30.64 1.00 0.00	32.01 0.97 0.00	33.16 0.91 0.00	37.62 1.01 0.00	43.31 1.21 0.00	43.38 1.54 0.00	45.46 1.54 0.00	50.82 1.59 0.00	46.43 1.48 0.00	50.74 1.96 0.00	52.75 2.36 0.00	52.66 2.50 0.00	50.03 2.58 0.00	51.46 2.70 0.00	62.05 3.74 0.00	125.56 8.48 0.00	54.46 4.06 0.00	54.99 3.66 0.00	59.13 3.14 0.00	58.79 2.76 0.00	63.35 2.48 0.00	59.47 2.34 0.00
FORT ORANGE____ 23900	42.56 0.51 0.00	39.00 0.66 0.00	30.32 0.68 0.00	31.75 0.71 0.00	32.92 0.67 0.00	37.09 0.49 0.00	42.27 0.16 0.00	42.02 0.18 0.00	44.21 0.28 0.00	49.17 -0.05 0.00	44.59 -0.36 0.00	48.27 -0.51 0.00	50.09 -0.30 0.00	49.71 -0.46 0.00	47.13 -0.32 0.00	48.43 -0.34 0.00	57.71 -0.60 0.00	116.72 -0.37 0.00	50.78 0.39 0.00	51.82 0.50 0.00	56.39 0.41 0.00	56.31 0.28 0.00	60.90 0.03 0.00	57.17 0.04 0.00
FORT_DRUM_COGEN 23780	42.62 0.57 0.00	39.28 0.93 0.00	30.14 0.49 0.00	31.02 -0.01 0.00	32.48 0.23 0.00	37.29 0.69 0.00	43.49 1.38 0.00	43.50 1.66 0.00	45.49 1.57 0.00	50.34 1.12 0.00	44.98 0.03 0.00	47.84 -0.94 0.00	49.34 -1.05 0.00	49.26 -0.91 0.00	46.37 -1.08 0.00	47.60 -1.17 0.00	57.50 -0.81 0.00	119.14 2.05 0.00	52.24 1.84 0.00	53.03 1.70 0.00	57.28 1.30 0.00	57.37 1.34 0.00	62.44 1.57 0.00	58.68 1.55 0.00
FOX_HILLS___ESR 323835	43.04 0.99 0.00	39.21 0.86 0.00	30.51 0.87 0.00	31.81 0.78 0.00	32.92 0.67 0.00	37.37 0.76 0.00	43.12 1.01 0.00	43.24 1.40 0.00	45.36 1.43 0.00	50.63 1.41 0.00	46.38 1.43 0.00	50.70 1.93 0.00	52.67 2.28 0.00	52.54 2.37 0.00	49.78 2.33 0.00	51.13 2.36 0.00	61.47 3.16 0.00	124.32 7.23 0.00	54.06 3.66 0.00	54.45 3.13 0.00	58.40 2.42 0.00	58.22 2.19 0.00	62.85 1.97 0.00	-44.84 2.20 104.17
FPL FAR_ROCK_GT1 24212	43.97 1.92 0.00	39.94 1.59 0.00	30.99 1.35 0.00	32.31 1.27 0.00	33.40 1.15 0.00	38.01 1.40 0.00	43.78 1.67 0.00	43.86 2.01 0.00	45.77 1.85 0.00	51.22 2.00 0.00	47.06 2.11 0.00	51.58 2.79 0.00	53.42 3.04 0.00	54.49 3.43 -0.89	50.74 3.29 0.00	52.20 3.44 0.00	63.25 4.94 0.00	127.07 9.98 0.00	55.09 4.69 0.00	55.52 4.20 0.00	59.62 3.64 0.00	59.27 3.23 0.00	64.30 3.43 0.00	60.42 3.29 0.00

FPL FAR_ROCK_GT2 23815	43.97 1.92 0.00	39.94 1.59 0.00	30.99 1.35 0.00	32.31 1.27 0.00	33.40 1.15 0.00	38.01 1.40 0.00	43.78 1.67 0.00	43.86 2.01 0.00	45.77 1.85 0.00	51.22 2.00 0.00	47.06 2.11 0.00	51.58 2.79 0.00	53.42 3.04 0.00	54.49 3.43 -0.89	50.74 3.29 0.00	52.20 3.44 0.00	63.25 4.94 0.00	127.07 9.98 0.00	55.09 4.69 0.00	55.52 4.20 0.00	59.62 3.64 0.00	59.27 3.23 0.00	64.30 3.43 0.00	60.42 3.29 0.00
FRANKLIN_FALL_HYD 24054	42.64 0.60 0.00	38.75 0.41 0.00	29.82 0.18 0.00	31.27 0.23 0.00	32.47 0.22 0.00	36.99 0.38 0.00	42.75 0.64 0.00	42.56 0.72 0.00	44.76 0.84 0.00	49.96 0.73 0.00	45.60 0.64 0.00	49.21 0.43 0.00	50.69 0.30 0.00	50.34 0.17 0.00	47.59 0.14 0.00	48.93 0.17 0.00	58.50 0.19 0.00	117.15 0.06 0.00	50.24 -0.15 0.00	51.62 0.29 0.00	56.61 0.63 0.00	56.60 0.57 0.00	61.93 1.05 0.00	58.04 0.91 0.00
FREEPORT_EQUS_GT1 23764	43.65 1.60 0.00	39.61 1.27 0.00	30.78 1.13 0.00	32.07 1.03 0.00	33.13 0.88 0.00	37.71 1.11 0.00	43.43 1.33 0.00	43.53 1.68 0.00	45.74 1.82 0.00	51.20 1.98 0.00	47.04 2.09 0.00	51.53 2.74 0.00	53.33 2.94 0.00	54.32 3.27 -0.89	50.54 3.09 0.00	51.69 2.92 0.00	62.41 4.10 0.00	125.76 8.67 0.00	54.71 4.31 0.00	55.16 3.83 0.00	59.38 3.40 0.00	58.96 2.93 0.00	63.59 2.72 0.00	59.79 2.66 0.00
FREEPORT___CT2 23818	43.65 1.60 0.00	39.61 1.27 0.00	30.78 1.13 0.00	32.07 1.03 0.00	33.13 0.88 0.00	37.71 1.11 0.00	43.43 1.33 0.00	43.53 1.68 0.00	45.74 1.82 0.00	51.20 1.98 0.00	47.04 2.09 0.00	51.53 2.74 0.00	53.33 2.94 0.00	54.32 3.27 -0.89	50.54 3.09 0.00	51.69 2.92 0.00	62.41 4.10 0.00	125.76 8.67 0.00	54.71 4.31 0.00	55.16 3.83 0.00	59.38 3.40 0.00	58.96 2.93 0.00	63.59 2.72 0.00	59.79 2.66 0.00
FRESHKLS_33_KV_LOAD 356253	43.00 0.95 0.00	39.18 0.84 0.00	30.50 0.85 0.00	31.80 0.76 0.00	32.91 0.66 0.00	37.34 0.74 0.00	43.09 0.98 0.00	43.20 1.36 0.00	45.29 1.37 0.00	50.57 1.34 0.00	46.30 1.35 0.00	50.69 1.91 0.00	52.63 2.24 0.00	52.52 2.35 0.00	49.79 2.34 0.00	51.16 2.39 0.00	61.47 3.16 0.00	124.45 7.36 0.00	54.16 3.76 0.00	54.52 3.20 0.00	58.47 2.48 0.00	58.30 2.27 0.00	62.88 2.01 0.00	-44.75 2.29 104.17
FULTON COGEN____ 23766	41.51 -0.54 0.00	37.84 -0.50 0.00	29.20 -0.45 0.00	30.57 -0.46 0.00	31.79 -0.46 0.00	36.13 -0.47 0.00	41.62 -0.49 0.00	41.23 -0.61 0.00	43.29 -0.64 0.00	48.66 -0.57 0.00	44.34 -0.61 0.00	47.93 -0.85 0.00	49.48 -0.91 0.00	49.37 -0.80 0.00	46.76 -0.69 0.00	48.13 -0.63 0.00	57.67 -0.64 0.00	116.44 -0.65 0.00	50.26 -0.14 0.00	50.97 -0.35 0.00	55.33 -0.65 0.00	55.21 -0.82 0.00	59.85 -1.03 0.00	56.11 -1.01 0.00
FULTON___LFGE 323630	44.06 2.01 0.00	40.09 1.75 0.00	30.86 1.22 0.00	32.29 1.25 0.00	33.62 1.37 0.00	38.31 1.71 0.00	44.40 2.30 0.00	44.22 2.38 0.00	45.93 2.01 0.00	50.79 1.56 0.00	46.45 1.50 0.00	50.50 1.72 0.00	52.00 1.61 0.00	51.79 1.62 0.00	48.17 0.72 0.00	49.54 0.78 0.00	58.84 0.53 0.00	120.53 3.44 0.00	53.14 2.75 0.00	54.37 3.04 0.00	59.21 3.23 0.00	59.26 3.23 0.00	64.25 3.38 0.00	60.26 3.14 0.00
G.F.CEMENT___DRP 24184	43.98 1.93 0.00	40.34 2.00 0.00	31.28 1.64 0.00	32.73 1.69 0.00	33.96 1.70 0.00	38.46 1.85 0.00	43.88 1.77 0.00	43.49 1.65 0.00	45.78 1.86 0.00	51.14 1.91 0.00	46.09 1.14 0.00	49.83 1.05 0.00	51.83 1.44 0.00	51.08 0.91 0.00	48.01 0.57 0.00	49.24 0.48 0.00	59.27 0.96 0.00	120.90 3.81 0.00	52.94 2.54 0.00	54.23 2.91 0.00	59.28 3.30 0.00	59.23 3.20 0.00	64.05 3.18 0.00	59.75 2.62 0.00
GARDENVILLE___LBMP 24039	42.50 0.45 0.00	38.56 0.21 0.00	29.44 -0.20 0.00	31.15 0.11 0.00	32.59 0.34 0.00	37.02 0.41 0.00	43.12 1.01 0.00	42.51 0.66 0.00	44.57 0.65 0.00	51.24 2.02 0.00	47.07 2.12 0.00	50.79 2.01 0.00	52.18 1.79 0.00	52.07 1.90 0.00	49.43 1.98 0.00	50.97 2.21 0.00	60.42 2.10 0.00	122.30 5.21 0.00	52.27 1.88 0.00	52.18 0.86 0.00	56.31 0.33 0.00	56.22 0.19 0.00	61.63 0.76 0.00	58.03 0.90 0.00
GARDNVLA_35_KV_LD 355827	42.76 0.72 0.00	38.79 0.45 0.00	29.65 0.00 0.00	31.35 0.32 0.00	32.78 0.53 0.00	37.23 0.63 0.00	43.38 1.27 0.00	42.75 0.90 0.00	44.86 0.93 0.00	51.60 2.38 0.00	47.38 2.43 0.00	51.11 2.33 0.00	52.51 2.12 0.00	52.42 2.25 0.00	49.78 2.34 0.00	51.37 2.61 0.00	60.83 2.52 0.00	123.11 6.03 0.00	52.62 2.22 0.00	52.52 1.20 0.00	56.70 0.72 0.00	56.62 0.59 0.00	62.09 1.22 0.00	58.46 1.34 0.00
GELCKHM___115KV_LOAD 80723	41.77 -0.28 0.00	38.07 -0.27 0.00	29.37 -0.28 0.00	30.76 -0.27 0.00	32.00 -0.25 0.00	36.38 -0.23 0.00	41.93 -0.18 0.00	41.56 -0.28 0.00	43.63 -0.29 0.00	49.09 -0.13 0.00	44.83 -0.12 0.00	48.59 -0.19 0.00	50.15 -0.23 0.00	50.07 -0.10 0.00	47.44 0.00 0.00	48.86 0.09 0.00	58.52 0.21 0.00	118.14 1.05 0.00	50.93 0.53 0.00	51.60 0.28 0.00	55.98 -0.01 0.00	55.82 -0.21 0.00	60.51 -0.37 0.00	56.71 -0.42 0.00
GENERAL___MILLS 23808	42.65 0.61 0.00	38.70 0.35 0.00	29.57 -0.07 0.00	31.28 0.24 0.00	32.71 0.45 0.00	37.15 0.54 0.00	43.27 1.17 0.00	42.64 0.79 0.00	44.73 0.81 0.00	51.45 2.23 0.00	47.23 2.28 0.00	50.96 2.18 0.00	52.35 1.96 0.00	52.23 2.07 0.00	49.62 2.17 0.00	51.18 2.42 0.00	60.62 2.31 0.00	122.70 5.61 0.00	52.45 2.05 0.00	52.35 1.03 0.00	56.51 0.53 0.00	56.44 0.41 0.00	61.89 1.02 0.00	58.29 1.16 0.00
GE_PLASTICS___DRP 24183	42.33 0.28 0.00	38.74 0.40 0.00	30.09 0.45 0.00	31.50 0.46 0.00	32.66 0.41 0.00	36.90 0.30 0.00	42.16 0.05 0.00	41.93 0.08 0.00	43.99 0.06 0.00	48.99 -0.23 0.00	44.50 -0.46 0.00	48.37 -0.41 0.00	50.07 -0.32 0.00	49.77 -0.39 0.00	47.06 -0.39 0.00	48.31 -0.46 0.00	57.75 -0.56 0.00	116.49 -0.60 0.00	50.49 0.09 0.00	51.35 0.02 0.00	55.86 -0.13 0.00	55.81 -0.22 0.00	60.43 -0.45 0.00	56.82 -0.31 0.00
GILBOA___1 23756	42.29 0.24 0.00	38.62 0.27 0.00	29.94 0.30 0.00	31.32 0.28 0.00	32.49 0.24 0.00	36.83 0.22 0.00	42.30 0.19 0.00	42.13 0.29 0.00	44.20 0.28 0.00	49.44 0.22 0.00	45.15 0.19 0.00	49.14 0.36 0.00	50.88 0.50 0.00	50.69 0.53 0.00	47.98 0.54 0.00	49.21 0.45 0.00	59.05 0.73 0.00	118.72 1.64 0.00	51.33 0.94 0.00	51.99 0.67 0.00	56.52 0.54 0.00	56.52 0.49 0.00	61.24 0.37 0.00	57.49 0.36 0.00
GILBOA___2 23757	42.29 0.24 0.00	38.62 0.27 0.00	29.94 0.30 0.00	31.32 0.28 0.00	32.49 0.24 0.00	36.83 0.22 0.00	42.30 0.19 0.00	42.13 0.29 0.00	44.20 0.28 0.00	49.44 0.22 0.00	45.15 0.19 0.00	49.14 0.36 0.00	50.88 0.50 0.00	50.69 0.53 0.00	47.98 0.54 0.00	49.21 0.45 0.00	59.05 0.73 0.00	118.72 1.64 0.00	51.33 0.94 0.00	51.99 0.67 0.00	56.52 0.54 0.00	56.52 0.49 0.00	61.24 0.37 0.00	57.49 0.36 0.00

GILBOA___3 23758	42.29 0.24 0.00	38.62 0.27 0.00	29.94 0.30 0.00	31.32 0.28 0.00	32.49 0.24 0.00	36.83 0.22 0.00	42.30 0.19 0.00	42.13 0.29 0.00	44.20 0.28 0.00	49.44 0.22 0.00	45.15 0.19 0.00	49.14 0.36 0.00	50.88 0.50 0.00	50.69 0.53 0.00	47.98 0.54 0.00	49.21 0.45 0.00	59.05 0.73 0.00	118.72 1.64 0.00	51.33 0.94 0.00	51.99 0.67 0.00	56.52 0.54 0.00	56.52 0.49 0.00	61.24 0.37 0.00	57.49 0.36 0.00
GILBOA___4 23759	42.29 0.24 0.00	38.62 0.27 0.00	29.94 0.30 0.00	31.32 0.28 0.00	32.49 0.24 0.00	36.83 0.22 0.00	42.30 0.19 0.00	42.13 0.29 0.00	44.20 0.28 0.00	49.44 0.22 0.00	45.15 0.19 0.00	49.14 0.36 0.00	50.88 0.50 0.00	50.69 0.53 0.00	47.98 0.54 0.00	49.21 0.45 0.00	59.05 0.73 0.00	118.72 1.64 0.00	51.33 0.94 0.00	51.99 0.67 0.00	56.52 0.54 0.00	56.52 0.49 0.00	61.24 0.37 0.00	57.49 0.36 0.00
GILBOA___ 23599	42.29 0.24 0.00	38.61 0.27 0.00	29.94 0.30 0.00	31.32 0.28 0.00	32.49 0.24 0.00	36.83 0.22 0.00	42.30 0.19 0.00	42.13 0.29 0.00	44.19 0.27 0.00	49.44 0.21 0.00	45.14 0.18 0.00	49.14 0.36 0.00	50.88 0.50 0.00	50.69 0.52 0.00	47.98 0.54 0.00	49.21 0.45 0.00	59.04 0.73 0.00	118.73 1.64 0.00	51.33 0.94 0.00	51.99 0.67 0.00	56.52 0.53 0.00	56.53 0.50 0.00	61.25 0.38 0.00	57.50 0.37 0.00
GINNA___ 23603	38.18 -1.37 2.50	34.44 -1.38 2.53	26.37 -1.23 2.05	28.53 -1.16 1.34	29.40 -1.11 1.74	32.78 -1.20 2.62	39.79 -1.05 1.26	40.42 -1.26 0.16	41.00 -1.28 1.64	44.64 -0.67 3.91	43.57 -0.54 0.85	48.09 -0.69 0.00	49.58 -0.81 0.00	49.56 -0.60 0.00	47.03 -0.42 0.00	48.53 -0.24 0.00	57.72 -0.59 0.00	116.62 -0.47 0.00	50.06 -0.33 0.00	50.40 -0.91 0.00	52.50 -1.50 1.98	52.54 -1.69 1.80	54.38 -1.73 4.76	48.92 -1.65 6.55
GLEN PARK___ 23778	42.74 0.69 0.00	39.36 1.01 0.00	30.20 0.56 0.00	31.10 0.06 0.00	32.57 0.32 0.00	37.39 0.78 0.00	43.59 1.48 0.00	43.60 1.76 0.00	45.58 1.66 0.00	50.45 1.23 0.00	45.03 0.08 0.00	47.85 -0.94 0.00	49.33 -1.06 0.00	49.28 -0.89 0.00	46.38 -1.07 0.00	47.58 -1.19 0.00	57.48 -0.83 0.00	119.27 2.18 0.00	52.38 1.99 0.00	53.18 1.86 0.00	57.45 1.47 0.00	57.54 1.51 0.00	62.54 1.67 0.00	58.75 1.63 0.00
GLENDALE_27_KV_LOAD 356172	43.32 1.27 0.00	39.47 1.12 0.00	30.72 1.08 0.00	32.03 0.99 0.00	33.15 0.89 0.00	37.62 1.02 0.00	43.43 1.32 0.00	43.61 1.77 0.00	45.78 1.86 0.00	51.12 1.90 0.00	46.83 1.88 0.00	51.12 2.34 0.00	53.06 2.67 0.00	52.91 2.74 0.00	50.12 2.68 0.00	51.54 2.78 0.00	62.04 3.72 0.00	125.22 8.14 0.00	54.39 3.99 0.00	54.79 3.47 0.00	58.75 2.77 0.00	58.54 2.51 0.00	63.19 2.32 0.00	59.52 2.40 0.00
GLENWOOD_IC_1_G5 23712	43.42 1.37 0.00	39.49 1.15 0.00	30.68 1.04 0.00	32.01 0.97 0.00	33.10 0.85 0.00	37.61 1.00 0.00	43.33 1.22 0.00	43.45 1.61 0.00	45.63 1.71 0.00	51.04 1.82 0.00	46.87 1.92 0.00	51.34 2.55 0.00	53.23 2.84 0.00	54.08 3.02 -0.89	50.24 2.80 0.00	51.47 2.71 0.00	62.13 3.82 0.00	125.28 8.19 0.00	54.35 3.96 0.00	54.79 3.47 0.00	58.81 2.83 0.00	58.46 2.43 0.00	63.03 2.16 0.00	59.60 2.47 0.00
GLENWOOD_IC_2_G1 23688	43.21 1.16 0.00	39.34 0.99 0.00	30.58 0.93 0.00	31.90 0.86 0.00	32.99 0.74 0.00	37.47 0.87 0.00	43.16 1.05 0.00	43.27 1.43 0.00	45.42 1.50 0.00	50.75 1.52 0.00	46.55 1.60 0.00	50.94 2.16 0.00	52.86 2.47 0.00	53.68 2.62 -0.89	49.97 2.52 0.00	51.33 2.56 0.00	61.93 3.61 0.00	124.91 7.82 0.00	54.23 3.84 0.00	54.68 3.36 0.00	58.70 2.72 0.00	58.39 2.36 0.00	62.93 2.05 0.00	59.24 2.11 0.00
GLENWOOD_IC_3_G1 23689	43.21 1.16 0.00	39.34 0.99 0.00	30.58 0.93 0.00	31.90 0.86 0.00	32.99 0.74 0.00	37.47 0.87 0.00	43.16 1.05 0.00	43.27 1.43 0.00	45.42 1.50 0.00	50.75 1.52 0.00	46.55 1.60 0.00	50.94 2.16 0.00	52.86 2.47 0.00	53.68 2.62 -0.89	49.97 2.52 0.00	51.33 2.56 0.00	61.93 3.61 0.00	124.91 7.82 0.00	54.23 3.84 0.00	54.68 3.36 0.00	58.70 2.72 0.00	58.39 2.36 0.00	62.93 2.05 0.00	59.24 2.11 0.00
GLENWOOD___4 23550	43.42 1.37 0.00	39.49 1.15 0.00	30.68 1.04 0.00	32.01 0.97 0.00	33.10 0.85 0.00	37.61 1.00 0.00	43.33 1.22 0.00	43.45 1.61 0.00	45.63 1.71 0.00	51.04 1.82 0.00	46.87 1.92 0.00	51.34 2.55 0.00	53.23 2.84 0.00	54.08 3.03 -0.89	50.29 2.85 0.00	51.58 2.81 0.00	62.27 3.96 0.00	125.57 8.48 0.00	54.48 4.08 0.00	54.91 3.58 0.00	58.94 2.96 0.00	58.60 2.57 0.00	63.15 2.28 0.00	59.60 2.47 0.00
GLENWOOD___5 23614	43.42 1.37 0.00	39.49 1.15 0.00	30.68 1.04 0.00	32.01 0.97 0.00	33.10 0.85 0.00	37.61 1.00 0.00	43.33 1.22 0.00	43.45 1.61 0.00	45.63 1.71 0.00	51.04 1.82 0.00	46.87 1.92 0.00	51.34 2.55 0.00	53.23 2.84 0.00	54.08 3.03 -0.89	50.29 2.85 0.00	51.58 2.81 0.00	62.27 3.96 0.00	125.57 8.48 0.00	54.48 4.08 0.00	54.91 3.58 0.00	58.94 2.96 0.00	58.60 2.57 0.00	63.15 2.28 0.00	59.60 2.47 0.00
GLOBAL GREEN_PORT_GT1 23814	44.90 2.85 0.00	40.52 2.17 0.00	31.40 1.75 0.00	32.57 1.53 0.00	33.32 1.07 0.00	37.97 1.36 0.00	43.65 1.54 0.00	43.94 2.10 0.00	46.89 2.97 0.00	52.42 3.20 0.00	48.21 3.25 0.00	53.66 4.88 0.00	55.06 4.67 0.00	56.49 5.44 -0.89	52.61 5.17 0.00	53.53 4.76 0.00	65.00 6.68 0.00	132.19 15.10 0.00	57.19 6.79 0.00	57.41 6.09 0.00	60.96 4.98 0.00	60.79 4.76 0.00	65.65 4.78 0.00	61.14 4.02 0.00
GLOBE___DSASP 323697	41.65 -0.40 0.00	37.83 -0.52 0.00	29.00 -0.64 0.00	30.71 -0.33 0.00	32.08 -0.17 0.00	36.40 -0.20 0.00	42.24 0.13 0.00	41.41 -0.43 0.00	43.40 -0.52 0.00	49.94 0.71 0.00	45.87 0.91 0.00	49.34 0.56 0.00	50.58 0.19 0.00	50.49 0.32 0.00	47.92 0.48 0.00	49.44 0.68 0.00	58.17 -0.14 0.00	117.56 0.47 0.00	50.25 -0.15 0.00	50.26 -1.06 0.00	54.21 -1.77 0.00	54.34 -1.69 0.00	59.74 -1.14 0.00	56.48 -0.64 0.00
GOETHSLN___LBMP 323567	42.94 0.89 0.00	39.12 0.77 0.00	30.44 0.79 0.00	31.77 0.73 0.00	32.86 0.61 0.00	37.27 0.66 0.00	42.95 0.85 0.00	43.13 1.29 0.00	45.24 1.32 0.00	50.50 1.28 0.00	46.24 1.29 0.00	50.60 1.82 0.00	52.54 2.15 0.00	52.41 2.25 0.00	49.70 2.25 0.00	51.11 2.35 0.00	61.56 3.25 0.00	124.12 7.03 0.00	54.01 3.61 0.00	54.43 3.11 0.00	58.30 2.32 0.00	58.00 1.97 0.00	62.23 1.66 0.30	-45.36 1.77 104.26
GOLAH___69_KV_TB 1_2 80279	43.33 1.29 0.00	39.41 1.06 0.00	30.21 0.56 0.00	31.80 0.76 0.00	33.24 0.99 0.00	37.77 1.16 0.00	43.89 1.78 0.00	43.50 1.66 0.00	45.47 1.55 0.00	51.88 2.66 0.00	47.67 2.71 0.00	51.35 2.57 0.00	52.74 2.35 0.00	52.61 2.44 0.00	50.08 2.63 0.00	51.68 2.92 0.00	61.28 2.97 0.00	123.72 6.63 0.00	53.18 2.78 0.00	53.53 2.20 0.00	57.67 1.68 0.00	57.52 1.49 0.00	62.64 1.76 0.00	58.97 1.84 0.00

GOODYEAR_LAKE_HYD 323669	42.90 0.85 0.00	39.13 0.78 0.00	30.28 0.64 0.00	31.68 0.64 0.00	32.92 0.67 0.00	37.37 0.76 0.00	43.11 1.00 0.00	42.97 1.13 0.00	45.08 1.16 0.00	50.52 1.30 0.00	46.14 1.19 0.00	50.26 1.49 0.00	52.00 1.62 0.00	51.86 1.69 0.00	49.11 1.67 0.00	50.48 1.71 0.00	60.64 2.33 0.00	122.77 5.69 0.00	53.11 2.72 0.00	53.73 2.41 0.00	58.14 2.16 0.00	57.95 1.92 0.00	62.60 1.72 0.00	58.68 1.55 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	42.05 0.00 0.00	38.38 0.04 0.00	29.55 -0.10 0.00	30.99 -0.05 0.00	32.23 -0.02 0.00	36.63 0.03 0.00	42.35 0.24 0.00	42.13 0.29 0.00	44.12 0.20 0.00	49.63 0.41 0.00	45.47 0.52 0.00	49.44 0.66 0.00	51.12 0.73 0.00	51.01 0.84 0.00	48.32 0.87 0.00	49.66 0.90 0.00	59.70 1.39 0.00	120.59 3.50 0.00	52.10 1.71 0.00	52.60 1.28 0.00	56.88 0.89 0.00	56.54 0.51 0.00	61.24 0.36 0.00	57.31 0.18 0.00
GOUDEY___7 23579	42.05 0.00 0.00	38.38 0.04 0.00	29.55 -0.10 0.00	30.99 -0.05 0.00	32.23 -0.02 0.00	36.63 0.03 0.00	42.35 0.24 0.00	42.13 0.29 0.00	44.12 0.20 0.00	49.63 0.41 0.00	45.47 0.52 0.00	49.44 0.66 0.00	51.12 0.73 0.00	51.01 0.84 0.00	48.32 0.87 0.00	49.66 0.90 0.00	59.70 1.39 0.00	120.59 3.50 0.00	52.10 1.71 0.00	52.60 1.28 0.00	56.88 0.89 0.00	56.54 0.51 0.00	61.24 0.36 0.00	57.31 0.18 0.00
GOUDEY___8 23580	42.05 0.00 0.00	38.38 0.04 0.00	29.55 -0.10 0.00	30.99 -0.05 0.00	32.23 -0.02 0.00	36.63 0.03 0.00	42.35 0.24 0.00	42.13 0.29 0.00	44.12 0.20 0.00	49.63 0.41 0.00	45.47 0.52 0.00	49.44 0.66 0.00	51.12 0.73 0.00	51.01 0.84 0.00	48.32 0.87 0.00	49.66 0.90 0.00	59.70 1.39 0.00	120.59 3.50 0.00	52.10 1.71 0.00	52.60 1.28 0.00	56.88 0.89 0.00	56.54 0.51 0.00	61.24 0.36 0.00	57.31 0.18 0.00
GOWANUS_GT1_1 24077	43.17 1.12 0.00	39.33 0.98 0.00	30.61 0.96 0.00	31.91 0.87 0.00	33.01 0.76 0.00	37.48 0.87 0.00	43.25 1.14 0.00	43.38 1.54 0.00	45.52 1.59 0.00	50.82 1.60 0.00	46.55 1.59 0.00	50.85 2.07 0.00	52.82 2.44 0.00	52.68 2.51 0.00	49.92 2.47 0.00	51.26 2.49 0.00	61.69 3.38 0.00	124.67 7.58 0.00	54.17 3.77 0.00	54.58 3.26 0.00	58.54 2.56 0.00	58.36 2.34 0.00	63.02 2.15 0.00	59.44 2.31 0.00
GOWANUS_GT1_2 24078	43.17 1.12 0.00	39.33 0.98 0.00	30.61 0.96 0.00	31.91 0.87 0.00	33.01 0.76 0.00	37.48 0.87 0.00	43.25 1.14 0.00	43.38 1.54 0.00	45.52 1.59 0.00	50.82 1.60 0.00	46.55 1.59 0.00	50.85 2.07 0.00	52.82 2.44 0.00	52.68 2.51 0.00	49.92 2.47 0.00	51.26 2.49 0.00	61.69 3.38 0.00	124.67 7.58 0.00	54.17 3.77 0.00	54.58 3.26 0.00	58.54 2.56 0.00	58.36 2.34 0.00	63.02 2.15 0.00	59.44 2.31 0.00
GOWANUS_GT1_3 24079	43.17 1.12 0.00	39.33 0.98 0.00	30.61 0.96 0.00	31.91 0.87 0.00	33.01 0.76 0.00	37.48 0.87 0.00	43.25 1.14 0.00	43.38 1.54 0.00	45.52 1.59 0.00	50.82 1.60 0.00	46.55 1.59 0.00	50.85 2.07 0.00	52.82 2.44 0.00	52.68 2.51 0.00	49.92 2.47 0.00	51.26 2.49 0.00	61.69 3.38 0.00	124.67 7.58 0.00	54.17 3.77 0.00	54.58 3.26 0.00	58.54 2.56 0.00	58.36 2.34 0.00	63.02 2.15 0.00	59.44 2.31 0.00
GOWANUS_GT1_4 24080	43.17 1.12 0.00	39.33 0.98 0.00	30.61 0.96 0.00	31.91 0.87 0.00	33.01 0.76 0.00	37.48 0.87 0.00	43.25 1.14 0.00	43.38 1.54 0.00	45.52 1.59 0.00	50.82 1.60 0.00	46.55 1.59 0.00	50.85 2.07 0.00	52.82 2.44 0.00	52.68 2.51 0.00	49.92 2.47 0.00	51.26 2.49 0.00	61.69 3.38 0.00	124.67 7.58 0.00	54.17 3.77 0.00	54.58 3.26 0.00	58.54 2.56 0.00	58.36 2.34 0.00	63.02 2.15 0.00	59.44 2.31 0.00
GOWANUS_GT1_5 24084	43.17 1.12 0.00	39.33 0.98 0.00	30.61 0.96 0.00	31.91 0.87 0.00	33.01 0.76 0.00	37.48 0.87 0.00	43.25 1.14 0.00	43.38 1.54 0.00	45.52 1.59 0.00	50.82 1.60 0.00	46.55 1.59 0.00	50.85 2.07 0.00	52.82 2.44 0.00	52.68 2.51 0.00	49.92 2.47 0.00	51.26 2.49 0.00	61.69 3.38 0.00	124.67 7.58 0.00	54.17 3.77 0.00	54.58 3.26 0.00	58.54 2.56 0.00	58.36 2.34 0.00	63.02 2.15 0.00	59.44 2.31 0.00
GOWANUS_GT1_6 24111	43.17 1.12 0.00	39.33 0.98 0.00	30.61 0.96 0.00	31.91 0.87 0.00	33.01 0.76 0.00	37.48 0.87 0.00	43.25 1.14 0.00	43.38 1.54 0.00	45.52 1.59 0.00	50.82 1.60 0.00	46.55 1.59 0.00	50.85 2.07 0.00	52.82 2.44 0.00	52.68 2.51 0.00	49.92 2.47 0.00	51.26 2.49 0.00	61.69 3.38 0.00	124.67 7.58 0.00	54.17 3.77 0.00	54.58 3.26 0.00	58.54 2.56 0.00	58.36 2.34 0.00	63.02 2.15 0.00	59.44 2.31 0.00
GOWANUS_GT1_7 24112	43.17 1.12 0.00	39.33 0.98 0.00	30.61 0.96 0.00	31.91 0.87 0.00	33.01 0.76 0.00	37.48 0.87 0.00	43.25 1.14 0.00	43.38 1.54 0.00	45.52 1.59 0.00	50.82 1.60 0.00	46.55 1.59 0.00	50.85 2.07 0.00	52.82 2.44 0.00	52.68 2.51 0.00	49.92 2.47 0.00	51.26 2.49 0.00	61.69 3.38 0.00	124.67 7.58 0.00	54.17 3.77 0.00	54.58 3.26 0.00	58.54 2.56 0.00	58.36 2.34 0.00	63.02 2.15 0.00	59.44 2.31 0.00
GOWANUS_GT1_8 24113	43.17 1.12 0.00	39.33 0.98 0.00	30.61 0.96 0.00	31.91 0.87 0.00	33.01 0.76 0.00	37.48 0.87 0.00	43.25 1.14 0.00	43.38 1.54 0.00	45.52 1.59 0.00	50.82 1.60 0.00	46.55 1.59 0.00	50.85 2.07 0.00	52.82 2.44 0.00	52.68 2.51 0.00	49.92 2.47 0.00	51.26 2.49 0.00	61.69 3.38 0.00	124.67 7.58 0.00	54.17 3.77 0.00	54.58 3.26 0.00	58.54 2.56 0.00	58.36 2.34 0.00	63.02 2.15 0.00	59.44 2.31 0.00
GOWANUS_GT2_1 24114	43.18 1.13 0.00	39.33 0.99 0.00	30.61 0.97 0.00	31.91 0.88 0.00	33.03 0.77 0.00	37.49 0.88 0.00	43.26 1.15 0.00	43.40 1.56 0.00	45.55 1.62 0.00	50.85 1.62 0.00	46.60 1.65 0.00	50.87 2.10 0.00	52.84 2.46 0.00	52.70 2.53 0.00	49.93 2.49 0.00	51.27 2.50 0.00	61.71 3.40 0.00	124.71 7.62 0.00	54.17 3.78 0.00	54.61 3.29 0.00	58.55 2.57 0.00	58.36 2.33 0.00	63.02 2.15 0.00	59.44 2.31 0.00
GOWANUS_GT2_2 24115	43.18 1.13 0.00	39.33 0.99 0.00	30.61 0.97 0.00	31.91 0.88 0.00	33.03 0.77 0.00	37.49 0.88 0.00	43.26 1.15 0.00	43.40 1.56 0.00	45.55 1.62 0.00	50.85 1.62 0.00	46.60 1.65 0.00	50.87 2.10 0.00	52.84 2.46 0.00	52.70 2.53 0.00	49.93 2.49 0.00	51.27 2.50 0.00	61.71 3.40 0.00	124.71 7.62 0.00	54.17 3.78 0.00	54.61 3.29 0.00	58.55 2.57 0.00	58.36 2.33 0.00	63.02 2.15 0.00	59.44 2.31 0.00
GOWANUS_GT2_3 24116	43.18 1.13 0.00	39.33 0.99 0.00	30.61 0.97 0.00	31.91 0.88 0.00	33.03 0.77 0.00	37.49 0.88 0.00	43.26 1.15 0.00	43.40 1.56 0.00	45.55 1.62 0.00	50.85 1.62 0.00	46.60 1.65 0.00	50.87 2.10 0.00	52.84 2.46 0.00	52.70 2.53 0.00	49.93 2.49 0.00	51.27 2.50 0.00	61.71 3.40 0.00	124.71 7.62 0.00	54.17 3.78 0.00	54.61 3.29 0.00	58.55 2.57 0.00	58.36 2.33 0.00	63.02 2.15 0.00	59.44 2.31 0.00

GOWANUS_GT4_3 24132	43.18 1.13 0.00	39.34 0.99 0.00	30.62 0.97 0.00	31.92 0.88 0.00	33.02 0.76 0.00	37.49 0.89 0.00	43.26 1.15 0.00	43.40 1.56 0.00	45.54 1.62 0.00	50.83 1.61 0.00	46.57 1.61 0.00	50.86 2.09 0.00	52.83 2.44 0.00	52.71 2.54 0.00	49.93 2.48 0.00	51.27 2.51 0.00	61.72 3.40 0.00	124.72 7.63 0.00	54.19 3.79 0.00	54.60 3.28 0.00	58.57 2.59 0.00	58.38 2.35 0.00	63.04 2.16 0.00	59.46 2.33 0.00
GOWANUS_GT4_4 24133	43.18 1.13 0.00	39.34 0.99 0.00	30.62 0.97 0.00	31.92 0.88 0.00	33.02 0.76 0.00	37.49 0.89 0.00	43.26 1.15 0.00	43.40 1.56 0.00	45.54 1.62 0.00	50.83 1.61 0.00	46.57 1.61 0.00	50.86 2.09 0.00	52.83 2.44 0.00	52.71 2.54 0.00	49.93 2.48 0.00	51.27 2.51 0.00	61.72 3.40 0.00	124.72 7.63 0.00	54.19 3.79 0.00	54.60 3.28 0.00	58.57 2.59 0.00	58.38 2.35 0.00	63.04 2.16 0.00	59.46 2.33 0.00
GOWANUS_GT4_5 24134	43.18 1.13 0.00	39.34 0.99 0.00	30.62 0.97 0.00	31.92 0.88 0.00	33.02 0.76 0.00	37.49 0.89 0.00	43.26 1.15 0.00	43.40 1.56 0.00	45.54 1.62 0.00	50.83 1.61 0.00	46.57 1.61 0.00	50.86 2.09 0.00	52.83 2.44 0.00	52.71 2.54 0.00	49.93 2.48 0.00	51.27 2.51 0.00	61.72 3.40 0.00	124.72 7.63 0.00	54.19 3.79 0.00	54.60 3.28 0.00	58.57 2.59 0.00	58.38 2.35 0.00	63.04 2.16 0.00	59.46 2.33 0.00
GOWANUS_GT4_6 24135	43.18 1.13 0.00	39.34 0.99 0.00	30.62 0.97 0.00	31.92 0.88 0.00	33.02 0.76 0.00	37.49 0.89 0.00	43.26 1.15 0.00	43.40 1.56 0.00	45.54 1.62 0.00	50.83 1.61 0.00	46.57 1.61 0.00	50.86 2.09 0.00	52.83 2.44 0.00	52.71 2.54 0.00	49.93 2.48 0.00	51.27 2.51 0.00	61.72 3.40 0.00	124.72 7.63 0.00	54.19 3.79 0.00	54.60 3.28 0.00	58.57 2.59 0.00	58.38 2.35 0.00	63.04 2.16 0.00	59.46 2.33 0.00
GOWANUS_GT4_7 24136	43.18 1.13 0.00	39.34 0.99 0.00	30.62 0.97 0.00	31.92 0.88 0.00	33.02 0.76 0.00	37.49 0.89 0.00	43.26 1.15 0.00	43.40 1.56 0.00	45.54 1.62 0.00	50.83 1.61 0.00	46.57 1.61 0.00	50.86 2.09 0.00	52.83 2.44 0.00	52.71 2.54 0.00	49.93 2.48 0.00	51.27 2.51 0.00	61.72 3.40 0.00	124.72 7.63 0.00	54.19 3.79 0.00	54.60 3.28 0.00	58.57 2.59 0.00	58.38 2.35 0.00	63.04 2.16 0.00	59.46 2.33 0.00
GOWANUS_GT4_8 24137	43.18 1.13 0.00	39.34 0.99 0.00	30.62 0.97 0.00	31.92 0.88 0.00	33.02 0.76 0.00	37.49 0.89 0.00	43.26 1.15 0.00	43.40 1.56 0.00	45.54 1.62 0.00	50.83 1.61 0.00	46.57 1.61 0.00	50.86 2.09 0.00	52.83 2.44 0.00	52.71 2.54 0.00	49.93 2.48 0.00	51.27 2.51 0.00	61.72 3.40 0.00	124.72 7.63 0.00	54.19 3.79 0.00	54.60 3.28 0.00	58.57 2.59 0.00	58.38 2.35 0.00	63.04 2.16 0.00	59.46 2.33 0.00
GREENBSH_115KV_TB3 55895	42.33 0.28 0.00	38.81 0.47 0.00	30.19 0.55 0.00	31.62 0.58 0.00	32.77 0.51 0.00	36.90 0.29 0.00	42.00 -0.11 0.00	41.73 -0.11 0.00	43.93 0.00 0.00	48.93 -0.29 0.00	44.34 -0.61 0.00	48.10 -0.68 0.00	49.89 -0.50 0.00	49.54 -0.62 0.00	46.95 -0.49 0.00	48.15 -0.62 0.00	57.43 -0.88 0.00	115.96 -1.13 0.00	50.35 -0.04 0.00	51.37 0.05 0.00	55.93 -0.05 0.00	55.88 -0.15 0.00	60.46 -0.42 0.00	56.77 -0.36 0.00
GREENDGE_115KV_TB5 80291	42.34 0.29 0.00	38.58 0.23 0.00	29.46 -0.18 0.00	31.02 -0.02 0.00	32.36 0.10 0.00	36.88 0.28 0.00	42.92 0.81 0.00	42.62 0.78 0.00	44.61 0.68 0.00	50.45 1.23 0.00	46.37 1.42 0.00	50.25 1.47 0.00	51.85 1.46 0.00	51.88 1.72 0.00	48.98 1.53 0.00	50.40 1.64 0.00	60.72 2.41 0.00	123.18 6.09 0.00	53.23 2.83 0.00	53.69 2.37 0.00	57.92 1.93 0.00	57.29 1.26 0.00	62.15 1.28 0.00	58.18 1.06 0.00
GREENIDGE___3 23582	42.34 0.29 0.00	38.58 0.23 0.00	29.46 -0.18 0.00	31.02 -0.02 0.00	32.36 0.10 0.00	36.88 0.28 0.00	42.92 0.81 0.00	42.62 0.78 0.00	44.61 0.68 0.00	50.45 1.23 0.00	46.37 1.42 0.00	50.25 1.47 0.00	51.85 1.46 0.00	51.88 1.72 0.00	48.98 1.53 0.00	50.40 1.64 0.00	60.72 2.41 0.00	123.18 6.09 0.00	53.23 2.83 0.00	53.69 2.37 0.00	57.92 1.93 0.00	57.29 1.26 0.00	62.15 1.28 0.00	58.18 1.06 0.00
GREENIDGE___4 23583	44.40 0.29 -2.06	40.67 0.24 -2.09	31.15 -0.18 -1.69	32.13 -0.02 -1.11	33.81 0.12 -1.44	39.05 0.28 -2.16	43.96 0.81 -1.04	42.74 0.77 -0.13	45.95 0.67 -1.35	53.68 1.22 -3.24	47.03 1.37 -0.70	50.27 1.49 0.00	51.85 1.46 0.00	51.88 1.71 0.00	48.98 1.53 0.00	50.40 1.64 0.00	60.71 2.40 0.00	123.20 6.11 0.00	53.22 2.83 0.00	53.69 2.37 0.00	59.56 1.94 -1.64	58.79 1.27 -1.49	66.12 1.31 -3.93	63.60 1.06 -5.41
GREENLWN_69_KV_BK 3 55738	43.43 1.38 0.00	39.41 1.06 0.00	30.65 1.01 0.00	31.93 0.90 0.00	32.96 0.71 0.00	37.48 0.88 0.00	43.13 1.02 0.00	43.20 1.36 0.00	45.36 1.44 0.00	50.74 1.51 0.00	46.69 1.74 0.00	51.23 2.45 0.00	52.81 2.43 0.00	53.77 2.72 -0.89	49.96 2.52 0.00	50.99 2.23 0.00	61.62 3.30 0.00	124.40 7.31 0.00	53.95 3.55 0.00	54.33 3.01 0.00	58.30 2.32 0.00	57.90 1.87 0.00	62.46 1.58 0.00	58.87 1.74 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	43.18 1.13 0.00	39.34 0.99 0.00	30.62 0.97 0.00	31.92 0.88 0.00	33.02 0.76 0.00	37.49 0.89 0.00	43.26 1.15 0.00	43.40 1.56 0.00	45.54 1.62 0.00	50.83 1.61 0.00	46.57 1.61 0.00	50.86 2.09 0.00	52.83 2.44 0.00	52.71 2.54 0.00	49.93 2.48 0.00	51.27 2.51 0.00	61.72 3.40 0.00	124.72 7.63 0.00	54.19 3.79 0.00	54.60 3.28 0.00	58.57 2.59 0.00	58.38 2.35 0.00	63.04 2.16 0.00	59.46 2.33 0.00
GRISSOM___SOLAR 323813	43.94 1.89 0.00	40.00 1.65 0.00	30.84 1.20 0.00	32.27 1.23 0.00	33.58 1.33 0.00	38.21 1.61 0.00	44.21 2.10 0.00	44.04 2.20 0.00	45.79 1.86 0.00	50.44 1.21 0.00	46.17 1.22 0.00	50.21 1.43 0.00	51.71 1.32 0.00	51.35 1.19 0.00	47.64 0.19 0.00	49.08 0.31 0.00	58.31 0.00 0.00	119.73 2.64 0.00	52.91 2.51 0.00	54.19 2.87 0.00	59.03 3.05 0.00	59.04 3.01 0.00	63.99 3.12 0.00	60.01 2.88 0.00
GROVEVILLE___HYD 323602	43.28 1.23 0.00	39.46 1.11 0.00	30.64 1.00 0.00	32.01 0.97 0.00	33.16 0.91 0.00	37.62 1.01 0.00	43.31 1.21 0.00	43.38 1.54 0.00	45.46 1.54 0.00	50.82 1.59 0.00	46.43 1.48 0.00	50.74 1.96 0.00	52.75 2.36 0.00	52.66 2.50 0.00	50.03 2.58 0.00	51.46 2.70 0.00	62.05 3.74 0.00	125.56 8.48 0.00	54.46 4.06 0.00	54.99 3.66 0.00	59.13 3.14 0.00	58.79 2.76 0.00	63.35 2.48 0.00	59.47 2.34 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	41.98 -0.07 0.00	38.24 -0.11 0.00	29.51 -0.13 0.00	30.92 -0.12 0.00	32.15 -0.10 0.00	36.56 -0.05 0.00	42.18 0.08 0.00	41.82 -0.03 0.00	43.89 -0.03 0.00	49.36 0.14 0.00	45.08 0.13 0.00	48.84 0.06 0.00	50.40 0.01 0.00	50.30 0.13 0.00	47.67 0.23 0.00	49.14 0.37 0.00	58.89 0.58 0.00	118.91 1.82 0.00	51.29 0.90 0.00	51.97 0.65 0.00	56.37 0.39 0.00	56.18 0.15 0.00	60.91 0.03 0.00	57.05 -0.07 0.00

HAMLTNNY_34_KV_TB 80303	42.21 0.16 0.00	38.42 0.08 0.00	29.63 -0.01 0.00	31.08 0.04 0.00	32.34 0.08 0.00	36.77 0.16 0.00	42.43 0.32 0.00	42.05 0.21 0.00	44.15 0.22 0.00	49.69 0.46 0.00	45.36 0.41 0.00	49.11 0.33 0.00	50.58 0.19 0.00	50.48 0.32 0.00	47.90 0.45 0.00	49.44 0.67 0.00	59.29 0.98 0.00	119.79 2.70 0.00	51.64 1.24 0.00	52.28 0.96 0.00	56.73 0.75 0.00	56.52 0.49 0.00	61.27 0.39 0.00	57.39 0.27 0.00
HAMPSHIRE___PAPER_HYD 323593	42.50 0.45 0.00	38.85 0.51 0.00	29.92 0.28 0.00	31.12 0.08 0.00	32.45 0.20 0.00	37.10 0.49 0.00	42.92 0.81 0.00	42.81 0.96 0.00	44.87 0.95 0.00	49.86 0.63 0.00	45.12 0.17 0.00	48.38 -0.40 0.00	49.85 -0.54 0.00	49.39 -0.77 0.00	46.18 -1.26 0.00	47.27 -1.50 0.00	56.64 -1.67 0.00	115.38 -1.71 0.00	50.01 -0.38 0.00	51.17 -0.15 0.00	55.97 -0.01 0.00	56.24 0.20 0.00	61.87 0.99 0.00	58.21 1.08 0.00
HARDSCRABBLE_WT_PWR 323673	42.25 0.20 0.00	38.86 0.51 0.00	30.21 0.56 0.00	31.59 0.55 0.00	32.80 0.54 0.00	37.11 0.51 0.00	42.48 0.37 0.00	42.25 0.41 0.00	44.04 0.12 0.00	48.59 -0.63 0.00	44.44 -0.51 0.00	48.27 -0.52 0.00	49.80 -0.59 0.00	49.19 -0.97 0.00	46.17 -1.28 0.00	47.32 -1.44 0.00	56.74 -1.57 0.00	116.47 -0.62 0.00	51.16 0.77 0.00	52.32 1.00 0.00	56.95 0.96 0.00	56.92 0.88 0.00	61.59 0.71 0.00	57.67 0.55 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	43.02 0.97 0.00	39.21 0.86 0.00	30.42 0.78 0.00	31.80 0.76 0.00	32.93 0.68 0.00	37.37 0.77 0.00	43.05 0.94 0.00	43.13 1.29 0.00	45.23 1.31 0.00	50.54 1.32 0.00	46.29 1.34 0.00	50.66 1.88 0.00	52.68 2.29 0.00	52.58 2.42 0.00	49.92 2.48 0.00	51.40 2.64 0.00	61.99 3.68 0.00	125.51 8.42 0.00	54.47 4.07 0.00	54.92 3.60 0.00	58.96 2.98 0.00	58.58 2.55 0.00	63.00 2.13 0.00	59.16 2.04 0.00
HARSNRAD_115KV_TB1 81005	42.14 0.09 0.00	38.27 -0.07 0.00	29.24 -0.40 0.00	30.94 -0.10 0.00	32.32 0.07 0.00	36.71 0.11 0.00	42.80 0.69 0.00	42.03 0.19 0.00	43.84 -0.09 0.00	50.43 1.21 0.00	46.32 1.36 0.00	49.83 1.05 0.00	51.11 0.72 0.00	50.99 0.82 0.00	48.46 1.01 0.00	50.04 1.28 0.00	59.05 0.73 0.00	119.44 2.35 0.00	51.10 0.70 0.00	51.10 -0.22 0.00	55.11 -0.87 0.00	55.10 -0.94 0.00	60.52 -0.36 0.00	57.09 -0.04 0.00
HARZA MOOSE___RIVER 24016	42.60 0.56 0.00	39.04 0.70 0.00	30.12 0.47 0.00	31.22 0.18 0.00	32.56 0.30 0.00	37.20 0.60 0.00	43.14 1.03 0.00	43.10 1.26 0.00	45.18 1.25 0.00	50.31 1.09 0.00	45.48 0.53 0.00	48.83 0.05 0.00	50.30 -0.09 0.00	50.07 -0.10 0.00	47.24 -0.21 0.00	48.63 -0.14 0.00	58.42 0.11 0.00	119.53 2.45 0.00	52.00 1.60 0.00	52.79 1.47 0.00	57.17 1.19 0.00	57.17 1.14 0.00	62.28 1.40 0.00	58.45 1.33 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	41.76 -0.29 0.00	38.07 -0.27 0.00	29.36 -0.28 0.00	30.76 -0.28 0.00	31.99 -0.26 0.00	36.36 -0.24 0.00	41.92 -0.19 0.00	41.56 -0.28 0.00	43.63 -0.29 0.00	49.11 -0.11 0.00	44.87 -0.08 0.00	48.64 -0.14 0.00	50.23 -0.16 0.00	50.13 -0.03 0.00	47.51 0.07 0.00	48.92 0.16 0.00	58.60 0.29 0.00	118.20 1.11 0.00	50.97 0.57 0.00	51.61 0.28 0.00	55.97 -0.01 0.00	55.80 -0.23 0.00	60.49 -0.38 0.00	56.68 -0.45 0.00
HELLGATE_13_KV_LD 55870	43.39 1.34 0.00	39.52 1.17 0.00	30.78 1.14 0.00	32.07 1.03 0.00	33.19 0.93 0.00	37.70 1.10 0.00	43.52 1.41 0.00	43.69 1.84 0.00	45.86 1.94 0.00	51.19 1.97 0.00	46.90 1.94 0.00	51.22 2.44 0.00	53.15 2.76 0.00	53.05 2.88 0.00	50.25 2.80 0.00	51.67 2.91 0.00	62.18 3.87 0.00	125.55 8.46 0.00	54.50 4.11 0.00	54.90 3.58 0.00	58.89 2.91 0.00	58.70 2.67 0.00	63.35 2.48 0.00	59.66 2.53 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	43.39 1.34 0.00	39.52 1.17 0.00	30.78 1.14 0.00	32.07 1.03 0.00	33.19 0.93 0.00	37.70 1.10 0.00	43.52 1.41 0.00	43.69 1.84 0.00	45.86 1.94 0.00	51.19 1.97 0.00	46.90 1.94 0.00	51.22 2.44 0.00	53.15 2.76 0.00	53.05 2.88 0.00	50.25 2.80 0.00	51.67 2.91 0.00	62.18 3.87 0.00	125.55 8.46 0.00	54.50 4.11 0.00	54.90 3.58 0.00	58.89 2.91 0.00	58.70 2.67 0.00	63.35 2.48 0.00	59.66 2.53 0.00
HEMPSTEAD___ 23647	43.32 1.27 0.00	39.35 1.01 0.00	30.57 0.93 0.00	31.87 0.84 0.00	32.94 0.68 0.00	37.47 0.87 0.00	43.17 1.07 0.00	43.25 1.41 0.00	45.46 1.54 0.00	50.92 1.70 0.00	46.77 1.82 0.00	51.23 2.45 0.00	53.04 2.65 0.00	53.96 2.91 -0.89	50.19 2.74 0.00	51.43 2.67 0.00	62.14 3.82 0.00	125.24 8.15 0.00	54.36 3.96 0.00	54.79 3.47 0.00	58.86 2.88 0.00	58.47 2.44 0.00	63.04 2.16 0.00	59.37 2.24 0.00
HICKLING___1 23621	41.92 -0.13 0.00	38.32 -0.02 0.00	29.15 -0.49 0.00	30.72 -0.31 0.00	32.05 -0.20 0.00	36.49 -0.11 0.00	42.58 0.47 0.00	42.37 0.53 0.00	44.32 0.39 0.00	50.19 0.97 0.00	46.15 1.20 0.00	50.29 1.51 0.00	52.12 1.73 0.00	52.16 1.99 0.00	49.27 1.82 0.00	50.61 1.85 0.00	61.04 2.73 0.00	123.49 6.41 0.00	53.20 2.80 0.00	53.37 2.05 0.00	57.43 1.44 0.00	56.65 0.62 0.00	61.31 0.43 0.00	57.32 0.19 0.00
HICKLING___2 23622	41.92 -0.13 0.00	38.32 -0.02 0.00	29.15 -0.49 0.00	30.72 -0.31 0.00	32.05 -0.20 0.00	36.49 -0.11 0.00	42.58 0.47 0.00	42.37 0.53 0.00	44.32 0.39 0.00	50.19 0.97 0.00	46.15 1.20 0.00	50.29 1.51 0.00	52.12 1.73 0.00	52.16 1.99 0.00	49.27 1.82 0.00	50.61 1.85 0.00	61.04 2.73 0.00	123.49 6.41 0.00	53.20 2.80 0.00	53.37 2.05 0.00	57.43 1.44 0.00	56.65 0.62 0.00	61.31 0.43 0.00	57.32 0.19 0.00
HIGH FALLS___HY 23754	43.06 1.02 0.00	39.23 0.88 0.00	30.41 0.77 0.00	31.78 0.74 0.00	32.93 0.68 0.00	37.41 0.81 0.00	43.17 1.06 0.00	43.27 1.43 0.00	45.32 1.40 0.00	50.65 1.43 0.00	46.38 1.42 0.00	50.54 1.76 0.00	52.68 2.29 0.00	52.74 2.57 0.00	50.08 2.63 0.00	51.54 2.77 0.00	62.19 3.88 0.00	126.47 9.38 0.00	54.78 4.39 0.00	55.27 3.95 0.00	59.37 3.39 0.00	59.00 2.97 0.00	63.51 2.63 0.00	59.52 2.39 0.00
HIGH_RIVER___SOLAR 323847	43.26 1.21 0.00	39.44 1.09 0.00	30.49 0.84 0.00	31.90 0.86 0.00	33.17 0.92 0.00	37.65 1.04 0.00	43.36 1.25 0.00	43.09 1.25 0.00	45.03 1.11 0.00	50.03 0.80 0.00	45.50 0.55 0.00	49.56 0.78 0.00	51.08 0.69 0.00	50.77 0.61 0.00	47.47 0.02 0.00	48.77 0.01 0.00	58.36 0.05 0.00	119.14 2.06 0.00	52.20 1.80 0.00	53.24 1.92 0.00	57.99 2.01 0.00	57.96 1.93 0.00	62.81 1.94 0.00	58.91 1.79 0.00
HILLBURN___GT 23639	42.86 0.81 0.00	39.06 0.72 0.00	30.32 0.68 0.00	31.70 0.66 0.00	32.81 0.56 0.00	37.23 0.62 0.00	42.89 0.78 0.00	43.00 1.16 0.00	45.08 1.16 0.00	50.32 1.10 0.00	46.11 1.15 0.00	50.46 1.67 0.00	52.47 2.09 0.00	52.39 2.22 0.00	49.68 2.23 0.00	51.12 2.35 0.00	61.68 3.37 0.00	124.71 7.62 0.00	54.16 3.77 0.00	54.61 3.29 0.00	58.58 2.60 0.00	58.20 2.17 0.00	62.59 1.72 0.00	58.84 1.71 0.00

HILLSIDE_115KV_TB1 80332	41.28 -0.77 0.00	37.76 -0.58 0.00	28.84 -0.80 0.00	30.35 -0.69 0.00	31.62 -0.63 0.00	35.98 -0.62 0.00	41.90 -0.21 0.00	41.72 -0.12 0.00	43.61 -0.31 0.00	49.20 -0.02 0.00	45.29 0.34 0.00	49.38 0.60 0.00	51.17 0.78 0.00	51.16 1.00 0.00	48.35 0.90 0.00	49.65 0.89 0.00	59.88 1.57 0.00	120.93 3.84 0.00	52.13 1.73 0.00	52.30 0.99 0.00	56.29 0.31 0.00	55.59 -0.44 0.00	60.22 -0.65 0.00	56.20 -0.93 0.00
HISHELDN_WT_PWR 323625	38.17 -0.12 3.76	34.20 -0.34 3.81	25.85 -0.71 3.08	28.62 -0.40 2.02	29.47 -0.16 2.62	32.58 -0.09 3.94	40.67 0.46 1.90	41.82 0.22 0.24	41.56 0.10 2.46	44.67 1.35 5.89	45.13 1.45 1.28	50.23 1.45 0.00	51.72 1.33 0.00	51.61 1.44 0.00	48.91 1.46 0.00	50.28 1.52 0.00	59.77 1.46 0.00	121.59 4.50 0.00	52.04 1.65 0.00	52.02 0.70 0.00	53.23 0.22 2.97	53.16 -0.17 2.70	54.05 0.31 7.13	47.74 0.43 9.82
HOLTSVILLE_IC_1 23690	43.68 1.63 0.00	39.54 1.19 0.00	30.81 1.16 0.00	32.08 1.04 0.00	33.08 0.83 0.00	37.63 1.02 0.00	43.27 1.16 0.00	43.28 1.44 0.00	45.51 1.58 0.00	50.94 1.72 0.00	46.70 1.75 0.00	51.38 2.60 0.00	52.96 2.57 0.00	54.17 3.12 -0.89	50.20 2.75 0.00	51.21 2.45 0.00	61.99 3.68 0.00	125.25 8.16 0.00	54.31 3.91 0.00	54.70 3.38 0.00	58.69 2.71 0.00	58.26 2.23 0.00	62.82 1.94 0.00	59.14 2.02 0.00
HOLTSVILLE_IC_10 23699	43.90 1.86 0.00	39.71 1.36 0.00	30.94 1.29 0.00	32.23 1.19 0.00	33.22 0.97 0.00	37.81 1.20 0.00	43.49 1.38 0.00	43.50 1.66 0.00	45.72 1.80 0.00	51.25 2.03 0.00	46.90 1.95 0.00	51.69 2.91 0.00	53.29 2.91 0.00	54.57 3.52 -0.89	50.47 3.02 0.00	51.50 2.73 0.00	62.38 4.07 0.00	126.28 9.19 0.00	54.71 4.32 0.00	55.13 3.80 0.00	59.15 3.17 0.00	58.68 2.65 0.00	63.25 2.38 0.00	59.51 2.38 0.00
HOLTSVILLE_IC_2 23691	43.68 1.63 0.00	39.54 1.19 0.00	30.81 1.16 0.00	32.08 1.04 0.00	33.08 0.83 0.00	37.63 1.02 0.00	43.27 1.16 0.00	43.28 1.44 0.00	45.51 1.58 0.00	50.94 1.72 0.00	46.70 1.75 0.00	51.38 2.60 0.00	52.96 2.57 0.00	54.17 3.12 -0.89	50.20 2.75 0.00	51.21 2.45 0.00	61.99 3.68 0.00	125.25 8.16 0.00	54.31 3.91 0.00	54.70 3.38 0.00	58.69 2.71 0.00	58.26 2.23 0.00	62.82 1.94 0.00	59.14 2.02 0.00
HOLTSVILLE_IC_3 23692	43.68 1.63 0.00	39.54 1.19 0.00	30.81 1.16 0.00	32.08 1.04 0.00	33.08 0.83 0.00	37.63 1.02 0.00	43.27 1.16 0.00	43.28 1.44 0.00	45.51 1.58 0.00	50.94 1.72 0.00	46.70 1.75 0.00	51.38 2.60 0.00	52.96 2.57 0.00	54.17 3.12 -0.89	50.20 2.75 0.00	51.21 2.45 0.00	61.99 3.68 0.00	125.25 8.16 0.00	54.31 3.91 0.00	54.70 3.38 0.00	58.69 2.71 0.00	58.26 2.23 0.00	62.82 1.94 0.00	59.14 2.02 0.00
HOLTSVILLE_IC_4 23693	43.68 1.63 0.00	39.54 1.19 0.00	30.81 1.16 0.00	32.08 1.04 0.00	33.08 0.83 0.00	37.63 1.02 0.00	43.27 1.16 0.00	43.28 1.44 0.00	45.51 1.58 0.00	50.94 1.72 0.00	46.70 1.75 0.00	51.38 2.60 0.00	52.96 2.57 0.00	54.17 3.12 -0.89	50.20 2.75 0.00	51.21 2.45 0.00	61.99 3.68 0.00	125.25 8.16 0.00	54.31 3.91 0.00	54.70 3.38 0.00	58.69 2.71 0.00	58.26 2.23 0.00	62.82 1.94 0.00	59.14 2.02 0.00
HOLTSVILLE_IC_5 23694	43.68 1.63 0.00	39.54 1.19 0.00	30.81 1.16 0.00	32.08 1.04 0.00	33.08 0.83 0.00	37.63 1.02 0.00	43.27 1.16 0.00	43.28 1.44 0.00	45.51 1.58 0.00	50.94 1.72 0.00	46.70 1.75 0.00	51.38 2.60 0.00	52.96 2.57 0.00	54.17 3.12 -0.89	50.20 2.75 0.00	51.21 2.45 0.00	61.99 3.68 0.00	125.25 8.16 0.00	54.31 3.91 0.00	54.70 3.38 0.00	58.69 2.71 0.00	58.26 2.23 0.00	62.82 1.94 0.00	59.14 2.02 0.00
HOLTSVILLE_IC_6 23695	43.90 1.86 0.00	39.71 1.36 0.00	30.94 1.29 0.00	32.23 1.19 0.00	33.22 0.97 0.00	37.81 1.20 0.00	43.49 1.38 0.00	43.50 1.66 0.00	45.72 1.80 0.00	51.25 2.03 0.00	46.90 1.95 0.00	51.69 2.91 0.00	53.29 2.91 0.00	54.57 3.52 -0.89	50.47 3.02 0.00	51.50 2.73 0.00	62.38 4.07 0.00	126.28 9.19 0.00	54.71 4.32 0.00	55.13 3.80 0.00	59.15 3.17 0.00	58.68 2.65 0.00	63.25 2.38 0.00	59.51 2.38 0.00
HOLTSVILLE_IC_7 23696	43.90 1.86 0.00	39.71 1.36 0.00	30.94 1.29 0.00	32.23 1.19 0.00	33.22 0.97 0.00	37.81 1.20 0.00	43.49 1.38 0.00	43.50 1.66 0.00	45.72 1.80 0.00	51.25 2.03 0.00	46.90 1.95 0.00	51.69 2.91 0.00	53.29 2.91 0.00	54.57 3.52 -0.89	50.47 3.02 0.00	51.50 2.73 0.00	62.38 4.07 0.00	126.28 9.19 0.00	54.71 4.32 0.00	55.13 3.80 0.00	59.15 3.17 0.00	58.68 2.65 0.00	63.25 2.38 0.00	59.51 2.38 0.00
HOLTSVILLE_IC_8 23697	43.90 1.86 0.00	39.71 1.36 0.00	30.94 1.29 0.00	32.23 1.19 0.00	33.22 0.97 0.00	37.81 1.20 0.00	43.49 1.38 0.00	43.50 1.66 0.00	45.72 1.80 0.00	51.25 2.03 0.00	46.90 1.95 0.00	51.69 2.91 0.00	53.29 2.91 0.00	54.57 3.52 -0.89	50.47 3.02 0.00	51.50 2.73 0.00	62.38 4.07 0.00	126.28 9.19 0.00	54.71 4.32 0.00	55.13 3.80 0.00	59.15 3.17 0.00	58.68 2.65 0.00	63.25 2.38 0.00	59.51 2.38 0.00
HOLTSVILLE_IC_9 23698	43.90 1.86 0.00	39.71 1.36 0.00	30.94 1.29 0.00	32.23 1.19 0.00	33.22 0.97 0.00	37.81 1.20 0.00	43.49 1.38 0.00	43.50 1.66 0.00	45.72 1.80 0.00	51.25 2.03 0.00	46.90 1.95 0.00	51.69 2.91 0.00	53.29 2.91 0.00	54.57 3.52 -0.89	50.47 3.02 0.00	51.50 2.73 0.00	62.38 4.07 0.00	126.28 9.19 0.00	54.71 4.32 0.00	55.13 3.80 0.00	59.15 3.17 0.00	58.68 2.65 0.00	63.25 2.38 0.00	59.51 2.38 0.00
HOMER_HL_115KV_TB2 355744	42.36 0.32 0.00	38.60 0.26 0.00	29.18 -0.46 0.00	30.68 -0.36 0.00	32.40 0.14 0.00	36.92 0.32 0.00	43.08 0.97 0.00	42.99 1.15 0.00	44.87 0.95 0.00	51.02 1.79 0.00	47.09 2.13 0.00	51.25 2.47 0.00	52.61 2.22 0.00	52.66 2.49 0.00	49.63 2.19 0.00	50.99 2.22 0.00	61.38 3.06 0.00	124.64 7.55 0.00	53.51 3.12 0.00	53.25 1.93 0.00	56.98 1.00 0.00	56.21 0.18 0.00	60.91 0.03 0.00	56.87 -0.26 0.00
HOWARD_WT_PWR 323690	41.66 -0.39 0.00	37.81 -0.54 0.00	27.99 -1.65 0.00	29.83 -1.21 0.00	31.35 -0.91 0.00	35.95 -0.65 0.00	42.18 0.07 0.00	41.89 0.05 0.00	43.59 -0.33 0.00	50.15 0.93 0.00	46.36 1.41 0.00	50.41 1.63 0.00	52.37 1.98 0.00	52.45 2.28 0.00	49.40 1.96 0.00	50.77 2.01 0.00	61.11 2.80 0.00	124.50 7.41 0.00	53.51 3.11 0.00	53.76 2.44 0.00	57.66 1.67 0.00	56.41 0.38 0.00	61.02 0.14 0.00	57.32 0.19 0.00
HQ_GEN_CEDARS 23644	42.52 0.47 0.00	38.72 0.38 0.00	29.86 0.21 0.00	31.24 0.20 0.00	32.51 0.26 0.00	37.00 0.40 0.00	42.64 0.53 0.00	42.37 0.53 0.00	44.51 0.58 0.00	49.70 0.48 0.00	45.38 0.43 0.00	49.03 0.25 0.00	50.47 0.08 0.00	50.07 -0.10 0.00	47.04 -0.41 0.00	48.25 -0.52 0.00	57.42 -0.89 0.00	114.84 -2.25 0.00	49.18 -1.22 0.00	50.59 -0.73 0.00	55.73 -0.25 0.00	55.99 -0.04 0.00	61.58 0.70 0.00	57.82 0.69 0.00

HQ_GEN_CEDARS_PROXY 323590	42.33 0.47 0.18	38.72 0.38 0.00	29.86 0.21 0.00	31.24 0.21 0.00	32.51 0.26 0.00	37.01 0.40 0.00	42.64 0.53 0.00	42.37 0.53 0.00	44.51 0.58 0.00	49.70 0.48 0.00	45.38 0.43 0.00	49.01 0.23 0.00	50.47 0.08 0.00	50.07 -0.10 0.00	45.58 -0.41 1.46	47.19 -0.52 1.06	57.42 -0.89 0.00	114.84 -2.25 0.00	49.18 -1.22 0.00	50.59 -0.73 0.00	54.14 -0.25 1.60	55.99 -0.04 0.00	61.58 0.70 0.00	57.81 0.68 0.00
HQ_GEN_CHPE_PROXY 323851	43.09 1.04 0.00	34.45 0.90 4.79	30.55 0.91 0.00	31.88 0.84 0.00	32.98 0.72 0.00	37.41 0.81 0.00	43.14 1.04 0.00	43.30 1.46 0.00	45.45 1.53 0.00	50.75 1.53 0.00	46.50 1.54 0.00	50.81 2.03 0.00	52.74 2.36 0.00	52.94 2.35 -0.43	49.69 2.25 0.01	51.11 2.35 0.00	61.56 3.24 0.00	124.25 7.16 0.00	53.97 3.57 0.00	54.41 3.08 0.00	58.35 2.37 0.00	58.15 2.12 0.00	62.86 1.99 0.00	58.01 2.03 1.14
HQ_GEN_IMPORT 323601	42.28 0.24 0.00	33.73 0.18 4.79	29.74 0.10 0.00	31.14 0.10 0.00	32.37 0.12 0.00	36.76 0.16 0.00	42.32 0.21 0.00	42.05 0.21 0.00	44.16 0.24 0.00	49.50 0.28 0.00	45.25 0.30 0.00	49.03 0.24 0.00	50.54 0.15 0.00	50.70 0.10 -0.43	47.47 0.04 0.01	48.78 0.02 0.00	58.17 -0.14 0.00	116.04 -1.04 0.00	49.69 -0.71 0.00	50.92 -0.40 0.00	55.93 -0.06 0.00	56.14 0.11 0.00	61.24 0.36 0.00	56.33 0.35 1.14
HQ_GEN_WHEEL 23651	42.28 0.24 0.00	33.73 0.18 4.79	29.74 0.10 0.00	31.14 0.10 0.00	32.37 0.12 0.00	36.76 0.16 0.00	42.32 0.21 0.00	42.05 0.21 0.00	44.16 0.24 0.00	49.50 0.28 0.00	45.25 0.30 0.00	49.03 0.24 0.00	50.54 0.15 0.00	50.70 0.10 -0.43	47.47 0.04 0.01	48.78 0.02 0.00	58.17 -0.14 0.00	116.04 -1.04 0.00	49.69 -0.71 0.00	50.92 -0.40 0.00	55.93 -0.06 0.00	56.14 0.11 0.00	61.24 0.36 0.00	56.33 0.35 1.14
HUDSON AVE_GT_3 23810	43.18 1.14 0.00	39.33 0.99 0.00	30.61 0.97 0.00	31.94 0.90 0.00	33.04 0.79 0.00	37.49 0.88 0.00	43.23 1.13 0.00	43.40 1.56 0.00	45.56 1.64 0.00	50.89 1.67 0.00	46.60 1.65 0.00	50.98 2.20 0.00	52.93 2.54 0.00	52.74 2.57 0.00	49.96 2.52 0.00	51.37 2.61 0.00	61.88 3.57 0.00	124.86 7.77 0.00	54.25 3.86 0.00	54.66 3.34 0.00	58.64 2.65 0.00	58.41 2.38 0.00	63.09 2.22 0.00	59.37 2.24 0.00
HUDSON AVE_GT_4 23540	43.18 1.14 0.00	39.33 0.99 0.00	30.61 0.97 0.00	31.94 0.90 0.00	33.04 0.79 0.00	37.49 0.88 0.00	43.23 1.13 0.00	43.40 1.56 0.00	45.56 1.64 0.00	50.89 1.67 0.00	46.60 1.65 0.00	50.98 2.20 0.00	52.93 2.54 0.00	52.74 2.57 0.00	49.96 2.52 0.00	51.37 2.61 0.00	61.88 3.57 0.00	124.86 7.77 0.00	54.25 3.86 0.00	54.66 3.34 0.00	58.64 2.65 0.00	58.41 2.38 0.00	63.09 2.22 0.00	59.37 2.24 0.00
HUDSON AVE_GT_5 23657	43.18 1.14 0.00	39.33 0.99 0.00	30.61 0.97 0.00	31.94 0.90 0.00	33.04 0.79 0.00	37.49 0.88 0.00	43.23 1.13 0.00	43.40 1.56 0.00	45.56 1.64 0.00	50.89 1.67 0.00	46.60 1.65 0.00	50.98 2.20 0.00	52.93 2.54 0.00	52.74 2.57 0.00	49.96 2.52 0.00	51.37 2.61 0.00	61.88 3.57 0.00	124.86 7.77 0.00	54.25 3.86 0.00	54.66 3.34 0.00	58.64 2.65 0.00	58.41 2.38 0.00	63.09 2.22 0.00	59.37 2.24 0.00
HUDSON_AVE_10 24168	43.02 0.97 0.00	39.18 0.84 0.00	30.52 0.88 0.00	31.85 0.81 0.00	32.93 0.68 0.00	37.36 0.75 0.00	43.08 0.97 0.00	43.26 1.42 0.00	45.41 1.49 0.00	50.69 1.47 0.00	46.44 1.49 0.00	50.80 2.02 0.00	52.74 2.35 0.00	52.61 2.44 0.00	49.83 2.39 0.00	51.27 2.50 0.00	61.74 3.43 0.00	124.59 7.50 0.00	54.12 3.72 0.00	54.55 3.23 0.00	58.50 2.52 0.00	58.26 2.23 0.00	62.94 2.07 0.00	59.20 2.07 0.00
HUDSON___115KV_TB 4 355613	43.12 1.07 0.00	39.47 1.12 0.00	30.67 1.02 0.00	32.09 1.05 0.00	33.29 1.04 0.00	37.58 0.97 0.00	42.93 0.82 0.00	42.71 0.87 0.00	44.93 1.01 0.00	49.91 0.69 0.00	45.29 0.33 0.00	48.79 0.01 0.00	50.67 0.28 0.00	50.19 0.03 0.00	47.69 0.24 0.00	49.20 0.43 0.00	58.50 0.18 0.00	118.72 1.64 0.00	51.93 1.53 0.00	52.95 1.63 0.00	57.60 1.61 0.00	57.46 1.43 0.00	62.05 1.17 0.00	58.16 1.03 0.00
HUNTER MOUNT___DRP 323613	43.27 1.22 0.00	39.60 1.25 0.00	30.76 1.12 0.00	32.19 1.16 0.00	33.41 1.15 0.00	37.73 1.13 0.00	43.13 1.02 0.00	42.92 1.08 0.00	45.13 1.21 0.00	50.12 0.90 0.00	45.43 0.48 0.00	48.97 0.19 0.00	50.83 0.44 0.00	50.39 0.23 0.00	47.77 0.33 0.00	49.35 0.58 0.00	58.74 0.43 0.00	119.30 2.21 0.00	52.14 1.74 0.00	53.16 1.84 0.00	57.84 1.86 0.00	57.68 1.65 0.00	62.27 1.39 0.00	58.36 1.23 0.00
HUNTINGTON_RES_REC 323705	43.63 1.58 0.00	39.52 1.18 0.00	30.75 1.11 0.00	32.04 1.00 0.00	33.05 0.80 0.00	37.61 1.01 0.00	43.27 1.16 0.00	43.33 1.49 0.00	45.53 1.61 0.00	51.00 1.77 0.00	46.82 1.87 0.00	51.49 2.71 0.00	53.06 2.67 0.00	54.21 3.15 -0.89	50.30 2.85 0.00	51.34 2.57 0.00	62.05 3.74 0.00	125.36 8.27 0.00	54.35 3.95 0.00	54.74 3.42 0.00	58.75 2.77 0.00	58.29 2.26 0.00	62.78 1.90 0.00	59.14 2.01 0.00
HUNTLEY___63 23557	42.57 0.52 0.00	38.63 0.28 0.00	29.53 -0.11 0.00	31.25 0.21 0.00	32.65 0.40 0.00	37.10 0.49 0.00	43.19 1.08 0.00	42.45 0.61 0.00	44.46 0.54 0.00	51.16 1.94 0.00	47.01 2.06 0.00	50.64 1.86 0.00	51.95 1.56 0.00	51.92 1.75 0.00	49.34 1.89 0.00	50.92 2.15 0.00	60.08 1.77 0.00	121.55 4.46 0.00	51.93 1.53 0.00	51.92 0.60 0.00	55.96 -0.03 0.00	55.93 -0.10 0.00	61.43 0.55 0.00	57.93 0.80 0.00
HUNTLEY___64 23558	42.57 0.52 0.00	38.63 0.28 0.00	29.53 -0.11 0.00	31.25 0.21 0.00	32.65 0.40 0.00	37.10 0.49 0.00	43.19 1.08 0.00	42.45 0.61 0.00	44.46 0.54 0.00	51.16 1.94 0.00	47.01 2.06 0.00	50.64 1.86 0.00	51.95 1.56 0.00	51.92 1.75 0.00	49.34 1.89 0.00	50.92 2.15 0.00	60.08 1.77 0.00	121.55 4.46 0.00	51.93 1.53 0.00	51.92 0.60 0.00	55.96 -0.03 0.00	55.93 -0.10 0.00	61.43 0.55 0.00	57.93 0.80 0.00
HUNTLEY___65 23559	42.57 0.52 0.00	38.63 0.28 0.00	29.53 -0.11 0.00	31.25 0.21 0.00	32.65 0.40 0.00	37.10 0.49 0.00	43.19 1.08 0.00	42.45 0.61 0.00	44.46 0.54 0.00	51.16 1.94 0.00	47.01 2.06 0.00	50.64 1.86 0.00	51.95 1.56 0.00	51.92 1.75 0.00	49.34 1.89 0.00	50.92 2.15 0.00	60.08 1.77 0.00	121.55 4.46 0.00	51.93 1.53 0.00	51.92 0.60 0.00	55.96 -0.03 0.00	55.93 -0.10 0.00	61.43 0.55 0.00	57.93 0.80 0.00
HUNTLEY___66 23560	42.57 0.52 0.00	38.63 0.28 0.00	29.53 -0.11 0.00	31.25 0.21 0.00	32.65 0.40 0.00	37.10 0.49 0.00	43.19 1.08 0.00	42.45 0.61 0.00	44.46 0.54 0.00	51.16 1.94 0.00	47.01 2.06 0.00	50.64 1.86 0.00	51.95 1.56 0.00	51.92 1.75 0.00	49.34 1.89 0.00	50.92 2.15 0.00	60.08 1.77 0.00	121.55 4.46 0.00	51.93 1.53 0.00	51.92 0.60 0.00	55.96 -0.03 0.00	55.93 -0.10 0.00	61.43 0.55 0.00	57.93 0.80 0.00

HUNTLEY___67 23561	42.26 0.21 0.00	38.36 0.01 0.00	29.34 -0.30 0.00	31.03 -0.01 0.00	32.43 0.18 0.00	36.82 0.21 0.00	42.86 0.75 0.00	42.17 0.33 0.00	44.23 0.30 0.00	50.86 1.64 0.00	46.70 1.74 0.00	50.31 1.53 0.00	51.64 1.25 0.00	51.52 1.36 0.00	48.92 1.47 0.00	50.47 1.70 0.00	59.65 1.34 0.00	120.67 3.58 0.00	51.57 1.18 0.00	51.53 0.21 0.00	55.61 -0.37 0.00	55.60 -0.43 0.00	61.03 0.16 0.00	57.54 0.42 0.00
HUNTLEY___68 23562	42.26 0.21 0.00	38.36 0.01 0.00	29.34 -0.30 0.00	31.03 -0.01 0.00	32.43 0.18 0.00	36.82 0.21 0.00	42.86 0.75 0.00	42.17 0.33 0.00	44.23 0.30 0.00	50.86 1.64 0.00	46.70 1.74 0.00	50.31 1.53 0.00	51.64 1.25 0.00	51.52 1.36 0.00	48.92 1.47 0.00	50.47 1.70 0.00	59.65 1.34 0.00	120.67 3.58 0.00	51.57 1.18 0.00	51.53 0.21 0.00	55.61 -0.37 0.00	55.60 -0.43 0.00	61.03 0.16 0.00	57.54 0.42 0.00
HYLAND___LFG 323620	43.48 1.44 0.00	39.49 1.15 0.00	30.03 0.39 0.00	31.68 0.64 0.00	33.09 0.84 0.00	37.73 1.12 0.00	44.15 2.04 0.00	43.77 1.93 0.00	45.91 1.98 0.00	52.46 3.24 0.00	47.76 2.80 0.00	51.72 2.94 0.00	53.19 2.80 0.00	53.20 3.03 0.00	50.19 2.74 0.00	51.70 2.93 0.00	61.68 3.36 0.00	125.66 8.57 0.00	54.25 3.85 0.00	55.10 3.78 0.00	59.58 3.60 0.00	58.91 2.88 0.00	63.95 3.08 0.00	59.85 2.73 0.00
INDECK___CORINTH 23802	43.35 1.30 0.00	39.78 1.44 0.00	30.83 1.19 0.00	32.27 1.23 0.00	33.47 1.22 0.00	37.91 1.30 0.00	43.26 1.15 0.00	42.92 1.08 0.00	45.18 1.26 0.00	50.45 1.23 0.00	45.43 0.47 0.00	49.14 0.36 0.00	51.11 0.73 0.00	50.31 0.15 0.00	47.31 -0.14 0.00	48.56 -0.20 0.00	58.44 0.13 0.00	119.18 2.09 0.00	52.27 1.86 0.00	53.47 2.15 0.00	58.50 2.52 0.00	58.42 2.39 0.00	63.17 2.29 0.00	58.93 1.81 0.00
INDECK___ILION 23567	42.19 0.14 0.00	38.66 0.32 0.00	29.97 0.33 0.00	31.36 0.32 0.00	32.57 0.32 0.00	36.90 0.29 0.00	42.32 0.21 0.00	42.08 0.24 0.00	44.01 0.09 0.00	48.90 -0.33 0.00	44.68 -0.27 0.00	48.53 -0.25 0.00	50.12 -0.27 0.00	49.69 -0.48 0.00	46.83 -0.62 0.00	48.07 -0.70 0.00	57.61 -0.70 0.00	117.09 0.01 0.00	51.01 0.61 0.00	52.00 0.68 0.00	56.60 0.62 0.00	56.60 0.57 0.00	61.29 0.41 0.00	57.45 0.32 0.00
INDECK___OLEAN 23982	31.35 0.32 11.02	27.44 0.26 11.17	20.16 -0.46 9.03	24.77 -0.36 5.91	24.73 0.15 7.67	25.37 0.32 11.55	37.52 0.97 5.56	42.26 1.14 0.72	37.63 0.93 7.22	33.71 1.77 17.28	43.26 2.05 3.74	51.27 2.50 0.00	52.60 2.22 0.00	52.64 2.47 0.00	49.64 2.19 0.00	50.98 2.22 0.00	61.37 3.06 0.00	124.69 7.60 0.00	53.52 3.12 0.00	53.24 1.92 0.00	48.27 1.01 8.72	48.34 0.23 7.92	40.02 0.09 20.94	28.08 -0.22 28.82
INDECK___OSWEGO 23783	41.26 -0.78 0.00	37.66 -0.69 0.00	29.05 -0.59 0.00	30.40 -0.64 0.00	31.62 -0.63 0.00	35.94 -0.66 0.00	41.40 -0.71 0.00	41.00 -0.84 0.00	43.03 -0.89 0.00	48.32 -0.90 0.00	44.04 -0.92 0.00	47.66 -1.12 0.00	49.21 -1.17 0.00	49.10 -1.07 0.00	46.49 -0.96 0.00	47.82 -0.95 0.00	57.28 -1.03 0.00	115.71 -1.38 0.00	49.96 -0.44 0.00	50.65 -0.67 0.00	54.99 -0.98 0.00	54.94 -1.09 0.00	59.58 -1.30 0.00	55.86 -1.27 0.00
INDECK___YERKES 23781	36.48 0.56 6.13	32.45 0.32 6.21	24.54 -0.08 5.02	27.98 0.23 3.29	28.41 0.42 4.27	30.71 0.53 6.43	40.12 1.11 3.09	42.09 0.64 0.40	40.47 0.56 4.02	41.56 1.95 9.61	44.86 1.99 2.08	50.73 1.95 0.00	51.98 1.59 0.00	51.94 1.77 0.00	49.39 1.94 0.00	50.97 2.21 0.00	60.14 1.82 0.00	121.76 4.67 0.00	51.99 1.59 0.00	51.97 0.65 0.00	51.18 0.04 4.85	51.64 0.01 4.40	49.93 0.69 11.64	42.01 0.90 16.02
INDIAN POINT_GT_1 24139	42.85 0.80 0.00	39.06 0.72 0.00	30.35 0.71 0.00	31.71 0.66 0.00	32.82 0.57 0.00	37.22 0.61 0.00	42.87 0.76 0.00	42.97 1.13 0.00	45.06 1.14 0.00	50.31 1.09 0.00	46.06 1.11 0.00	50.37 1.59 0.00	52.33 1.94 0.00	52.20 2.04 0.00	49.48 2.03 0.00	50.88 2.12 0.00	61.34 3.03 0.00	123.95 6.86 0.00	53.83 3.43 0.00	54.31 2.99 0.00	58.32 2.34 0.00	58.02 1.99 0.00	62.52 1.65 0.00	58.80 1.68 0.00
INDIAN POINT_GT_2 23659	42.85 0.80 0.00	39.06 0.72 0.00	30.35 0.71 0.00	31.71 0.66 0.00	32.82 0.57 0.00	37.22 0.61 0.00	42.87 0.76 0.00	42.97 1.13 0.00	45.06 1.14 0.00	50.31 1.09 0.00	46.06 1.11 0.00	50.37 1.59 0.00	52.33 1.94 0.00	52.20 2.04 0.00	49.48 2.03 0.00	50.88 2.12 0.00	61.34 3.03 0.00	123.95 6.86 0.00	53.83 3.43 0.00	54.31 2.99 0.00	58.32 2.34 0.00	58.02 1.99 0.00	62.52 1.65 0.00	58.80 1.68 0.00
INDIAN POINT_GT_3 24019	42.85 0.80 0.00	39.06 0.72 0.00	30.35 0.71 0.00	31.71 0.66 0.00	32.82 0.57 0.00	37.22 0.61 0.00	42.87 0.76 0.00	42.97 1.13 0.00	45.06 1.14 0.00	50.31 1.09 0.00	46.06 1.11 0.00	50.37 1.59 0.00	52.33 1.94 0.00	52.20 2.04 0.00	49.48 2.03 0.00	50.88 2.12 0.00	61.34 3.03 0.00	123.95 6.86 0.00	53.83 3.43 0.00	54.31 2.99 0.00	58.32 2.34 0.00	58.02 1.99 0.00	62.52 1.65 0.00	58.80 1.68 0.00
INDIAN POINT___2 23530	42.81 0.76 0.00	39.03 0.68 0.00	30.31 0.67 0.00	31.67 0.63 0.00	32.79 0.53 0.00	37.18 0.58 0.00	42.83 0.72 0.00	42.93 1.09 0.00	45.01 1.09 0.00	50.27 1.04 0.00	46.03 1.07 0.00	50.33 1.56 0.00	52.29 1.91 0.00	52.18 2.01 0.00	49.46 2.01 0.00	50.86 2.10 0.00	61.34 3.03 0.00	123.90 6.82 0.00	53.82 3.43 0.00	54.29 2.97 0.00	58.29 2.31 0.00	57.97 1.94 0.00	62.43 1.55 0.00	58.71 1.58 0.00
INDIAN POINT___3 23531	42.81 0.76 0.00	39.04 0.69 0.00	30.33 0.68 0.00	31.69 0.65 0.00	32.80 0.54 0.00	37.20 0.59 0.00	42.83 0.72 0.00	42.92 1.08 0.00	45.00 1.08 0.00	50.24 1.02 0.00	46.00 1.04 0.00	50.31 1.53 0.00	52.27 1.88 0.00	52.14 1.97 0.00	49.42 1.97 0.00	50.82 2.05 0.00	61.28 2.96 0.00	123.78 6.70 0.00	53.75 3.36 0.00	54.22 2.90 0.00	58.25 2.26 0.00	57.95 1.92 0.00	62.44 1.56 0.00	58.71 1.59 0.00
INDIANHD_69_KV_BK1 55831	43.76 1.72 0.00	39.62 1.28 0.00	30.83 1.19 0.00	32.13 1.09 0.00	33.13 0.88 0.00	37.71 1.11 0.00	43.39 1.28 0.00	43.44 1.60 0.00	45.67 1.74 0.00	51.16 1.94 0.00	46.90 1.95 0.00	51.68 2.90 0.00	53.25 2.86 0.00	54.41 3.36 -0.89	50.50 3.05 0.00	51.56 2.80 0.00	62.31 4.00 0.00	125.91 8.83 0.00	54.58 4.18 0.00	54.97 3.65 0.00	59.03 3.05 0.00	58.57 2.54 0.00	63.15 2.28 0.00	59.44 2.31 0.00
INGHAM_C_115KV_TB7 356103	42.36 0.31 0.00	38.98 0.64 0.00	30.33 0.69 0.00	31.72 0.68 0.00	32.91 0.66 0.00	37.19 0.59 0.00	42.50 0.39 0.00	42.29 0.44 0.00	43.98 0.05 0.00	48.28 -0.94 0.00	44.18 -0.77 0.00	48.01 -0.77 0.00	49.56 -0.83 0.00	48.86 -1.31 0.00	45.76 -1.69 0.00	46.90 -1.87 0.00	56.24 -2.07 0.00	115.89 -1.20 0.00	51.16 0.76 0.00	52.42 1.09 0.00	57.10 1.12 0.00	57.11 1.08 0.00	61.69 0.82 0.00	57.71 0.58 0.00

IP CORINTH___1 23988	43.59 1.54 0.00	39.99 1.64 0.00	31.00 1.35 0.00	32.44 1.40 0.00	33.65 1.40 0.00	38.11 1.51 0.00	43.51 1.40 0.00	43.16 1.32 0.00	45.43 1.51 0.00	50.73 1.51 0.00	45.69 0.74 0.00	49.42 0.64 0.00	51.42 1.03 0.00	50.61 0.44 0.00	47.58 0.14 0.00	48.84 0.08 0.00	58.78 0.47 0.00	119.88 2.79 0.00	52.56 2.17 0.00	53.77 2.45 0.00	58.81 2.83 0.00	58.75 2.72 0.00	63.52 2.64 0.00	59.26 2.14 0.00
IP___TICONDEROGA 23804	45.87 3.82 0.00	42.22 3.88 0.00	32.69 3.05 0.00	34.08 3.04 0.00	35.39 3.14 0.00	40.18 3.58 0.00	45.63 3.52 0.00	44.90 3.06 0.00	47.41 3.48 0.00	52.88 3.65 0.00	47.49 2.53 0.00	51.08 2.31 0.00	53.46 3.07 0.00	52.64 2.47 0.00	49.26 1.82 0.00	50.35 1.58 0.00	61.38 3.07 0.00	125.53 8.44 0.00	54.86 4.46 0.00	56.96 5.64 0.00	62.08 6.09 0.00	62.21 6.17 0.00	67.37 6.50 0.00	62.52 5.40 0.00
ISLIP_RES_REC 323679	44.11 2.06 0.00	39.88 1.54 0.00	31.05 1.41 0.00	32.35 1.32 0.00	33.36 1.11 0.00	37.97 1.36 0.00	43.71 1.61 0.00	43.73 1.89 0.00	46.01 2.08 0.00	51.58 2.36 0.00	47.18 2.23 0.00	52.04 3.26 0.00	53.65 3.27 0.00	54.98 3.93 -0.89	50.88 3.43 0.00	51.96 3.20 0.00	62.96 4.64 0.00	127.35 10.26 0.00	55.14 4.75 0.00	55.54 4.22 0.00	59.60 3.62 0.00	59.09 3.06 0.00	63.67 2.79 0.00	59.85 2.72 0.00
JAMAICA___27_KV_LOAD 355505	43.33 1.28 0.00	39.43 1.09 0.00	30.83 1.19 0.00	32.21 1.18 0.00	33.23 0.98 0.00	37.64 1.04 0.00	43.46 1.35 0.00	43.56 1.72 0.00	45.70 1.78 0.00	50.94 1.72 0.00	46.70 1.75 0.00	51.12 2.34 0.00	53.08 2.70 0.00	53.17 3.01 0.00	50.34 2.90 0.00	51.97 3.21 0.00	62.48 4.16 0.00	126.13 9.04 0.00	54.79 4.39 0.00	55.19 3.87 0.00	59.28 3.30 0.00	58.85 2.82 0.00	63.72 2.84 0.00	59.87 2.75 0.00
JANIS___SOLAR 323808	45.01 0.90 -2.07	41.36 0.91 -2.10	31.96 0.62 -1.70	32.90 0.75 -1.11	34.51 0.81 -1.44	39.86 1.08 -2.17	44.80 1.64 -1.04	43.71 1.73 -0.13	46.96 1.68 -1.36	54.31 1.84 -3.25	47.05 1.40 -0.70	50.61 1.83 0.00	51.75 1.36 0.00	51.65 1.49 0.00	49.04 1.59 0.00	50.21 1.45 0.00	60.58 2.27 0.00	124.68 7.59 0.00	54.47 4.07 0.00	55.36 4.04 0.00	61.56 3.93 -1.64	60.93 3.41 -1.49	68.11 3.28 -3.95	65.28 2.72 -5.43
JARVIS____ 23743	42.04 -0.01 0.00	38.37 0.02 0.00	29.69 0.05 0.00	31.07 0.03 0.00	32.28 0.03 0.00	36.63 0.03 0.00	42.11 0.00 0.00	41.86 0.02 0.00	43.93 0.00 0.00	49.15 -0.07 0.00	44.86 -0.09 0.00	48.73 -0.05 0.00	50.34 -0.05 0.00	50.08 -0.09 0.00	47.38 -0.06 0.00	48.69 -0.08 0.00	58.30 -0.01 0.00	117.38 0.29 0.00	50.70 0.30 0.00	51.55 0.23 0.00	56.09 0.11 0.00	56.09 0.06 0.00	60.86 -0.01 0.00	57.12 -0.01 0.00
JENNISON___1 23625	42.43 0.38 0.00	38.89 0.54 0.00	30.03 0.38 0.00	31.56 0.52 0.00	32.95 0.69 0.00	37.35 0.74 0.00	43.24 1.13 0.00	43.09 1.25 0.00	45.38 1.46 0.00	51.00 1.78 0.00	46.48 1.53 0.00	50.78 2.00 0.00	52.47 2.08 0.00	52.38 2.21 0.00	49.65 2.21 0.00	50.90 2.13 0.00	61.15 2.84 0.00	125.71 8.63 0.00	54.63 4.24 0.00	55.31 3.98 0.00	59.74 3.76 0.00	59.29 3.26 0.00	63.99 3.12 0.00	59.73 2.60 0.00
JENNISON___2 23626	42.43 0.38 0.00	38.89 0.54 0.00	30.03 0.38 0.00	31.56 0.52 0.00	32.95 0.69 0.00	37.35 0.74 0.00	43.24 1.13 0.00	43.09 1.25 0.00	45.38 1.46 0.00	51.00 1.78 0.00	46.48 1.53 0.00	50.78 2.00 0.00	52.47 2.08 0.00	52.38 2.21 0.00	49.65 2.21 0.00	50.90 2.13 0.00	61.15 2.84 0.00	125.71 8.63 0.00	54.63 4.24 0.00	55.31 3.98 0.00	59.74 3.76 0.00	59.29 3.26 0.00	63.99 3.12 0.00	59.73 2.60 0.00
JERICHO_RISE_WT_PWR 323719	42.10 0.05 0.00	38.24 -0.10 0.00	29.43 -0.21 0.00	30.87 -0.17 0.00	32.06 -0.19 0.00	36.47 -0.14 0.00	42.07 -0.03 0.00	41.84 0.00 0.00	43.99 0.07 0.00	49.25 0.03 0.00	45.00 0.05 0.00	48.64 -0.14 0.00	50.12 -0.26 0.00	49.81 -0.36 0.00	47.05 -0.40 0.00	48.36 -0.41 0.00	57.71 -0.60 0.00	115.39 -1.70 0.00	49.50 -0.90 0.00	50.74 -0.58 0.00	55.62 -0.36 0.00	55.68 -0.34 0.00	60.98 0.11 0.00	57.25 0.12 0.00
KATONAH___115KV_46KV_TB4 355592	43.06 1.01 0.00	39.25 0.91 0.00	30.50 0.86 0.00	31.85 0.82 0.00	32.99 0.73 0.00	37.42 0.81 0.00	43.07 0.96 0.00	43.16 1.33 0.00	45.30 1.38 0.00	50.63 1.41 0.00	46.34 1.39 0.00	50.65 1.87 0.00	52.60 2.22 0.00	52.48 2.32 0.00	49.76 2.32 0.00	51.20 2.43 0.00	61.69 3.38 0.00	124.65 7.56 0.00	54.10 3.71 0.00	54.58 3.25 0.00	58.66 2.68 0.00	58.36 2.33 0.00	62.92 2.05 0.00	59.13 2.01 0.00
KCE_NY_1 323755	43.66 1.61 0.00	39.95 1.61 0.00	31.00 1.35 0.00	32.48 1.44 0.00	33.70 1.45 0.00	38.12 1.51 0.00	43.59 1.48 0.00	43.27 1.43 0.00	45.48 1.56 0.00	50.83 1.61 0.00	45.98 1.03 0.00	49.93 1.15 0.00	51.78 1.39 0.00	51.26 1.09 0.00	48.36 0.92 0.00	49.60 0.83 0.00	59.49 1.18 0.00	120.77 3.68 0.00	52.61 2.22 0.00	53.64 2.32 0.00	58.52 2.53 0.00	58.46 2.43 0.00	63.27 2.40 0.00	59.10 1.98 0.00
KCE_NY_6_ESR 323823	36.04 0.61 6.62	31.99 0.36 6.71	24.15 -0.07 5.43	27.74 0.25 3.55	28.11 0.47 4.61	30.22 0.56 6.94	39.94 1.17 3.34	42.23 0.82 0.43	40.38 0.80 4.34	41.04 2.20 10.38	44.89 2.19 2.25	51.04 2.26 0.00	52.34 1.95 0.00	52.22 2.06 0.00	49.64 2.19 0.00	51.20 2.44 0.00	60.64 2.33 0.00	122.82 5.74 0.00	52.49 2.09 0.00	52.33 1.01 0.00	51.29 0.54 5.24	51.73 0.45 4.76	49.39 1.10 12.58	41.06 1.24 17.31
KEDC_PORT_JEFF_GT2 24210	43.76 1.72 0.00	39.59 1.24 0.00	30.84 1.20 0.00	32.12 1.08 0.00	33.11 0.86 0.00	37.68 1.08 0.00	43.34 1.24 0.00	43.36 1.51 0.00	45.59 1.67 0.00	51.07 1.84 0.00	46.77 1.82 0.00	51.53 2.74 0.00	53.12 2.74 0.00	54.37 3.32 -0.89	50.32 2.88 0.00	51.28 2.52 0.00	61.78 3.46 0.00	124.83 7.74 0.00	54.12 3.73 0.00	54.55 3.23 0.00	58.81 2.82 0.00	58.38 2.35 0.00	62.99 2.12 0.00	59.30 2.18 0.00
KEDC_PORT_JEFF_GT3 24211	43.76 1.72 0.00	39.59 1.24 0.00	30.84 1.20 0.00	32.12 1.08 0.00	33.11 0.86 0.00	37.68 1.08 0.00	43.34 1.24 0.00	43.36 1.51 0.00	45.59 1.67 0.00	51.07 1.84 0.00	46.77 1.82 0.00	51.53 2.74 0.00	53.12 2.74 0.00	54.37 3.32 -0.89	50.32 2.88 0.00	51.28 2.52 0.00	61.78 3.46 0.00	124.83 7.74 0.00	54.12 3.73 0.00	54.55 3.23 0.00	58.81 2.82 0.00	58.38 2.35 0.00	62.99 2.12 0.00	59.30 2.18 0.00
KEDC_GLWD_GT4 24219	43.42 1.37 0.00	39.49 1.14 0.00	30.68 1.04 0.00	32.01 0.97 0.00	33.09 0.84 0.00	37.61 1.01 0.00	43.34 1.23 0.00	43.45 1.61 0.00	45.63 1.71 0.00	51.04 1.82 0.00	46.90 1.94 0.00	51.33 2.55 0.00	53.22 2.84 0.00	54.09 3.04 -0.89	50.24 2.80 0.00	51.47 2.71 0.00	62.13 3.81 0.00	125.28 8.19 0.00	54.36 3.96 0.00	54.80 3.47 0.00	58.81 2.83 0.00	58.44 2.41 0.00	62.98 2.11 0.00	59.57 2.45 0.00

KEDC_GLWD_GT5 24220	43.42 1.37 0.00	39.49 1.14 0.00	30.68 1.04 0.00	32.01 0.97 0.00	33.09 0.84 0.00	37.61 1.01 0.00	43.34 1.23 0.00	43.45 1.61 0.00	45.63 1.71 0.00	51.04 1.82 0.00	46.90 1.94 0.00	51.33 2.55 0.00	53.22 2.84 0.00	54.09 3.04 -0.89	50.24 2.80 0.00	51.47 2.71 0.00	62.13 3.81 0.00	125.28 8.19 0.00	54.36 3.96 0.00	54.80 3.47 0.00	58.81 2.83 0.00	58.44 2.41 0.00	62.98 2.11 0.00	59.57 2.45 0.00
KENSICO____ 23655	42.97 0.92 0.00	39.17 0.83 0.00	30.44 0.80 0.00	31.79 0.76 0.00	32.90 0.65 0.00	37.32 0.72 0.00	42.99 0.88 0.00	43.10 1.25 0.00	45.21 1.29 0.00	50.50 1.28 0.00	46.23 1.28 0.00	50.55 1.78 0.00	52.49 2.11 0.00	52.35 2.18 0.00	49.61 2.17 0.00	51.02 2.26 0.00	61.51 3.19 0.00	124.20 7.11 0.00	53.93 3.54 0.00	54.40 3.07 0.00	58.42 2.44 0.00	58.13 2.10 0.00	62.69 1.82 0.00	58.96 1.83 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	43.07 1.03 0.00	39.24 0.90 0.00	30.43 0.79 0.00	31.80 0.76 0.00	32.96 0.71 0.00	37.42 0.81 0.00	43.15 1.04 0.00	43.23 1.39 0.00	45.27 1.35 0.00	50.58 1.36 0.00	46.28 1.33 0.00	50.41 1.63 0.00	52.48 2.09 0.00	52.53 2.36 0.00	49.84 2.39 0.00	51.26 2.50 0.00	61.86 3.55 0.00	125.83 8.75 0.00	54.56 4.16 0.00	55.08 3.76 0.00	59.23 3.25 0.00	58.86 2.84 0.00	63.37 2.50 0.00	59.40 2.28 0.00
KIAC_JFK_GT1 23816	43.06 1.01 0.00	39.19 0.85 0.00	30.64 1.00 0.00	32.01 0.97 0.00	33.03 0.77 0.00	37.41 0.81 0.00	43.17 1.07 0.00	43.23 1.39 0.00	45.27 1.35 0.00	50.50 1.28 0.00	46.28 1.33 0.00	50.68 1.90 0.00	52.59 2.20 0.00	52.65 2.49 0.00	49.85 2.40 0.00	51.44 2.67 0.00	61.84 3.53 0.00	124.74 7.65 0.00	54.21 3.81 0.00	54.60 3.28 0.00	58.65 2.66 0.00	58.22 2.19 0.00	63.04 2.16 0.00	59.26 2.13 0.00
KIAC_JFK_GT2 23817	43.06 1.01 0.00	39.19 0.85 0.00	30.64 1.00 0.00	32.01 0.97 0.00	33.03 0.77 0.00	37.41 0.81 0.00	43.17 1.07 0.00	43.23 1.39 0.00	45.27 1.35 0.00	50.50 1.28 0.00	46.28 1.33 0.00	50.68 1.90 0.00	52.59 2.20 0.00	52.65 2.49 0.00	49.85 2.40 0.00	51.44 2.67 0.00	61.84 3.53 0.00	124.74 7.65 0.00	54.21 3.81 0.00	54.60 3.28 0.00	58.65 2.66 0.00	58.22 2.19 0.00	63.04 2.16 0.00	59.26 2.13 0.00
KIAC_JFK____ 323774	43.06 1.01 0.00	39.19 0.85 0.00	30.64 1.00 0.00	32.01 0.97 0.00	33.02 0.77 0.00	37.41 0.81 0.00	43.17 1.07 0.00	43.23 1.35 0.00	45.28 1.35 0.00	50.51 1.28 0.00	46.31 1.36 0.00	50.68 1.90 0.00	52.60 2.21 0.00	52.66 2.49 0.00	49.85 2.41 0.00	51.44 2.67 0.00	61.85 3.54 0.00	124.75 7.66 0.00	54.22 3.83 0.00	54.61 3.29 0.00	58.65 2.67 0.00	58.20 2.17 0.00	63.02 2.15 0.00	59.25 2.12 0.00
KINTIGH__24_KV_GSU 356498	37.02 0.06 5.09	33.10 -0.08 5.16	25.16 -0.30 4.17	28.22 -0.09 2.73	28.76 0.06 3.55	31.35 0.08 5.34	40.03 0.49 2.57	41.64 0.13 0.33	40.69 0.11 3.34	42.45 1.22 7.99	44.47 1.25 1.73	49.95 1.18 0.00	51.25 0.86 0.00	51.15 0.99 0.00	48.56 1.11 0.00	50.07 1.30 0.00	59.25 0.93 0.00	119.80 2.71 0.00	51.28 0.88 0.00	51.39 0.07 0.00	51.43 -0.52 4.04	51.81 -0.55 3.67	51.07 -0.10 9.70	43.90 0.13 13.35
KINTIGH____ 23543	42.09 0.04 0.00	38.24 -0.10 0.00	29.32 -0.32 0.00	30.93 -0.11 0.00	32.29 0.04 0.00	36.66 0.05 0.00	42.59 0.49 0.00	41.95 0.11 0.00	44.02 0.10 0.00	50.44 1.21 0.00	46.27 1.32 0.00	49.88 1.10 0.00	51.22 0.83 0.00	51.13 0.97 0.00	48.52 1.07 0.00	50.04 1.28 0.00	59.22 0.91 0.00	119.65 2.56 0.00	51.25 0.85 0.00	51.36 0.04 0.00	55.42 -0.56 0.00	55.39 -0.64 0.00	60.68 -0.20 0.00	57.17 0.04 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	42.74 0.69 0.00	38.74 0.40 0.00	29.80 0.15 0.00	31.21 0.17 0.00	32.47 0.22 0.00	37.00 0.39 0.00	42.75 0.64 0.00	42.53 0.69 0.00	44.71 0.79 0.00	50.01 0.79 0.00	45.63 0.68 0.00	49.52 0.74 0.00	50.95 0.56 0.00	50.52 0.35 0.00	47.68 0.24 0.00	48.78 0.01 0.00	58.39 0.08 0.00	116.98 -0.11 0.00	50.29 -0.11 0.00	51.48 0.16 0.00	56.44 0.45 0.00	56.61 0.58 0.00	62.24 1.36 0.00	58.58 1.46 0.00
LACHUTE__HYDRO 323717	45.87 3.82 0.00	42.22 3.88 0.00	32.69 3.05 0.00	34.08 3.04 0.00	35.39 3.14 0.00	40.19 3.58 0.00	45.63 3.52 0.00	44.91 3.06 0.00	47.40 3.48 0.00	52.88 3.65 0.00	47.49 2.54 0.00	51.09 2.31 0.00	53.46 3.07 0.00	52.63 2.47 0.00	49.26 1.82 0.00	50.35 1.58 0.00	61.38 3.07 0.00	125.52 8.43 0.00	54.86 4.46 0.00	56.96 5.64 0.00	62.07 6.09 0.00	62.20 6.17 0.00	67.37 6.50 0.00	62.53 5.40 0.00
LAWRNCV_115KV_TB1 80681	42.55 0.50 0.00	38.78 0.43 0.00	29.88 0.23 0.00	31.23 0.19 0.00	32.51 0.26 0.00	37.07 0.47 0.00	42.75 0.64 0.00	42.53 0.69 0.00	44.62 0.69 0.00	49.70 0.48 0.00	45.23 0.27 0.00	48.76 -0.02 0.00	50.18 -0.21 0.00	49.64 -0.52 0.00	46.35 -1.10 0.00	47.36 -1.40 0.00	56.30 -2.01 0.00	112.96 -4.13 0.00	48.46 -1.93 0.00	49.99 -1.33 0.00	55.31 -0.67 0.00	55.71 -0.33 0.00	61.61 0.74 0.00	57.94 0.82 0.00
LEDERLE____ 23769	43.02 0.97 0.00	39.22 0.87 0.00	30.45 0.80 0.00	31.82 0.78 0.00	32.95 0.70 0.00	37.38 0.77 0.00	43.07 0.96 0.00	43.19 1.35 0.00	45.26 1.34 0.00	50.53 1.31 0.00	46.28 1.33 0.00	50.66 1.88 0.00	52.69 2.30 0.00	52.60 2.44 0.00	49.89 2.45 0.00	51.34 2.58 0.00	61.95 3.64 0.00	125.26 8.17 0.00	54.39 3.99 0.00	54.83 3.51 0.00	58.82 2.84 0.00	58.46 2.43 0.00	62.87 1.99 0.00	59.10 1.97 0.00
LIGHTHSE_115KV_TB6 355974	41.78 -0.27 0.00	38.25 -0.10 0.00	29.45 -0.19 0.00	30.66 -0.37 0.00	31.95 -0.30 0.00	36.45 -0.15 0.00	42.15 0.04 0.00	41.89 0.05 0.00	43.91 -0.01 0.00	49.11 -0.11 0.00	44.52 -0.44 0.00	47.89 -0.89 0.00	49.45 -0.94 0.00	49.36 -0.80 0.00	46.69 -0.76 0.00	47.92 -0.85 0.00	57.49 -0.82 0.00	117.14 0.06 0.00	50.82 0.42 0.00	51.53 0.20 0.00	55.84 -0.14 0.00	55.94 -0.09 0.00	60.68 -0.20 0.00	56.92 -0.20 0.00
LINDEN COGEN____ 23786	42.92 0.87 0.00	39.09 0.74 0.00	30.42 0.78 0.00	31.75 0.72 0.00	32.83 0.58 0.00	37.24 0.64 0.00	42.94 0.83 0.00	43.10 1.26 0.00	45.23 1.31 0.00	50.49 1.27 0.00	46.25 1.30 0.00	50.58 1.80 0.00	52.53 2.14 0.00	52.40 2.23 0.00	49.68 2.24 0.00	51.08 2.32 0.00	61.54 3.23 0.00	124.07 6.98 0.00	53.98 3.58 0.00	54.42 3.09 0.00	58.27 2.29 0.00	57.94 1.91 0.00	62.16 1.59 0.30	-45.41 1.73 104.26
LINDHRST_69_KV_BK1 356055	44.00 1.95 0.00	39.89 1.55 0.00	31.00 1.36 0.00	32.31 1.27 0.00	33.34 1.09 0.00	37.95 1.35 0.00	43.71 1.60 0.00	43.81 1.97 0.00	46.04 2.12 0.00	51.55 2.32 0.00	47.28 2.33 0.00	51.97 3.19 0.00	53.69 3.30 0.00	54.76 3.71 -0.89	50.91 3.46 0.00	52.09 3.33 0.00	63.09 4.78 0.00	127.34 10.26 0.00	55.21 4.81 0.00	55.61 4.29 0.00	59.68 3.70 0.00	59.24 3.21 0.00	63.92 3.04 0.00	60.05 2.93 0.00

LIPA_MISC_IPP 23656	43.79 1.74 0.00	39.54 1.19 0.00	30.85 1.21 0.00	32.13 1.09 0.00	33.10 0.85 0.00	37.66 1.05 0.00	43.24 1.13 0.00	43.17 1.33 0.00	45.41 1.49 0.00	50.83 1.61 0.00	46.49 1.54 0.00	51.26 2.48 0.00	52.80 2.41 0.00	54.11 3.06 -0.89	50.19 2.75 0.00	51.23 2.47 0.00	62.09 3.78 0.00	125.61 8.52 0.00	54.45 4.06 0.00	54.85 3.53 0.00	58.77 2.79 0.00	58.35 2.32 0.00	62.96 2.09 0.00	59.16 2.03 0.00
LISF___SOLAR 323691	43.87 1.83 0.00	39.62 1.27 0.00	30.92 1.27 0.00	32.19 1.15 0.00	33.16 0.91 0.00	37.74 1.13 0.00	43.34 1.24 0.00	43.27 1.43 0.00	45.53 1.60 0.00	50.95 1.72 0.00	46.59 1.63 0.00	51.33 2.55 0.00	52.87 2.48 0.00	54.22 3.17 -0.89	50.28 2.83 0.00	51.33 2.57 0.00	62.27 3.95 0.00	125.99 8.90 0.00	54.61 4.21 0.00	55.02 3.70 0.00	58.94 2.96 0.00	58.49 2.46 0.00	63.03 2.15 0.00	59.24 2.12 0.00
LITTLE FALLS___HYD 24013	42.36 0.31 0.00	38.98 0.64 0.00	30.33 0.69 0.00	31.72 0.68 0.00	32.91 0.66 0.00	37.19 0.59 0.00	42.50 0.39 0.00	42.29 0.44 0.00	43.98 0.05 0.00	48.28 -0.94 0.00	44.18 -0.77 0.00	48.01 -0.77 0.00	49.56 -0.83 0.00	48.86 -1.31 0.00	45.76 -1.69 0.00	46.90 -1.87 0.00	56.24 -2.07 0.00	115.89 -1.20 0.00	51.16 0.76 0.00	52.42 1.09 0.00	57.10 1.12 0.00	57.11 1.08 0.00	61.69 0.82 0.00	57.71 0.58 0.00
LITTLRIV_115KV_TB1 356100	43.14 1.09 0.00	39.29 0.94 0.00	30.26 0.62 0.00	31.64 0.60 0.00	32.96 0.71 0.00	37.72 1.12 0.00	43.45 1.35 0.00	43.21 1.37 0.00	45.21 1.29 0.00	50.18 0.96 0.00	45.47 0.52 0.00	48.97 0.19 0.00	50.42 0.03 0.00	49.99 -0.17 0.00	46.59 -0.85 0.00	47.54 -1.23 0.00	56.65 -1.66 0.00	113.66 -3.43 0.00	48.75 -1.65 0.00	50.71 -0.61 0.00	56.51 0.53 0.00	56.85 0.82 0.00	62.92 2.04 0.00	58.79 1.67 0.00
LI_NEWBRDGE___DRP 323616	43.23 1.18 0.00	39.27 0.92 0.00	30.52 0.88 0.00	31.81 0.77 0.00	32.86 0.61 0.00	37.37 0.77 0.00	43.01 0.90 0.00	43.09 1.25 0.00	45.26 1.33 0.00	50.62 1.40 0.00	46.49 1.54 0.00	50.95 2.18 0.00	52.68 2.29 0.00	53.62 2.57 -0.89	49.85 2.40 0.00	51.05 2.29 0.00	61.72 3.41 0.00	124.43 7.34 0.00	53.98 3.59 0.00	54.41 3.09 0.00	58.43 2.45 0.00	58.09 2.06 0.00	62.69 1.81 0.00	59.02 1.89 0.00
LOCKPORT_115KV_TB60_63_64 80432	42.19 0.14 0.00	38.31 -0.03 0.00	29.27 -0.37 0.00	30.97 -0.07 0.00	32.35 0.10 0.00	36.75 0.15 0.00	42.87 0.76 0.00	42.13 0.29 0.00	43.94 0.02 0.00	50.56 1.33 0.00	46.42 1.46 0.00	49.94 1.16 0.00	51.22 0.83 0.00	51.15 0.98 0.00	48.60 1.15 0.00	50.18 1.42 0.00	59.19 0.88 0.00	119.76 2.67 0.00	51.24 0.84 0.00	51.26 -0.07 0.00	55.27 -0.71 0.00	55.24 -0.79 0.00	60.67 -0.20 0.00	57.22 0.09 0.00
LOCKPORT___CC1 323769	36.55 0.09 5.58	32.62 -0.07 5.66	24.67 -0.40 4.57	27.95 -0.09 2.99	28.44 0.08 3.89	30.86 0.11 5.85	39.97 0.68 2.82	41.67 0.19 0.36	40.16 -0.11 3.66	41.64 1.17 8.75	44.30 1.25 1.89	49.87 1.09 0.00	51.09 0.70 0.00	50.97 0.80 0.00	48.46 1.01 0.00	50.04 1.27 0.00	59.04 0.73 0.00	119.52 2.43 0.00	51.10 0.70 0.00	51.09 -0.23 0.00	50.71 -0.86 4.41	51.15 -0.88 4.01	49.99 -0.28 10.60	42.57 0.03 14.59
LOCKPORT___CC2 323770	36.55 0.09 5.58	32.62 -0.07 5.66	24.67 -0.40 4.57	27.95 -0.09 2.99	28.44 0.08 3.89	30.86 0.11 5.85	39.97 0.68 2.82	41.67 0.19 0.36	40.16 -0.11 3.66	41.64 1.17 8.75	44.30 1.25 1.89	49.87 1.09 0.00	51.09 0.70 0.00	50.97 0.80 0.00	48.46 1.01 0.00	50.04 1.27 0.00	59.04 0.73 0.00	119.52 2.43 0.00	51.10 0.70 0.00	51.09 -0.23 0.00	50.71 -0.86 4.41	51.15 -0.88 4.01	49.99 -0.28 10.60	42.57 0.03 14.59
LOCKPORT___CC3 323771	36.55 0.09 5.58	32.62 -0.07 5.66	24.67 -0.40 4.57	27.95 -0.09 2.99	28.44 0.08 3.89	30.86 0.11 5.85	39.97 0.68 2.82	41.67 0.19 0.36	40.16 -0.11 3.66	41.64 1.17 8.75	44.30 1.25 1.89	49.87 1.09 0.00	51.09 0.70 0.00	50.97 0.80 0.00	48.46 1.01 0.00	50.04 1.27 0.00	59.04 0.73 0.00	119.52 2.43 0.00	51.10 0.70 0.00	51.09 -0.23 0.00	50.71 -0.86 4.41	51.15 -0.88 4.01	49.99 -0.28 10.60	42.57 0.03 14.59
LOCUSVLY_69_KV_BK2 55797	43.58 1.53 0.00	39.59 1.24 0.00	30.76 1.12 0.00	32.07 1.03 0.00	33.14 0.89 0.00	37.70 1.09 0.00	43.40 1.30 0.00	43.52 1.68 0.00	45.74 1.82 0.00	51.20 1.97 0.00	47.08 2.13 0.00	51.54 2.76 0.00	53.35 2.96 0.00	54.33 3.28 -0.89	50.56 3.12 0.00	51.83 3.07 0.00	62.61 4.30 0.00	126.25 9.16 0.00	54.75 4.35 0.00	55.18 3.85 0.00	59.16 3.18 0.00	58.80 2.78 0.00	63.39 2.52 0.00	59.77 2.65 0.00
LONG_LAKE_PHOENIX 24014	41.51 -0.54 0.00	37.84 -0.50 0.00	29.20 -0.45 0.00	30.57 -0.46 0.00	31.79 -0.46 0.00	36.13 -0.47 0.00	41.62 -0.49 0.00	41.23 -0.61 0.00	43.29 -0.64 0.00	48.66 -0.57 0.00	44.34 -0.61 0.00	47.93 -0.85 0.00	49.48 -0.91 0.00	49.37 -0.80 0.00	46.76 -0.69 0.00	48.13 -0.63 0.00	57.67 -0.64 0.00	116.44 -0.65 0.00	50.26 -0.14 0.00	50.97 -0.35 0.00	55.33 -0.65 0.00	55.21 -0.82 0.00	59.85 -1.03 0.00	56.11 -1.01 0.00
LOVETT___3 23632	42.74 0.69 0.00	38.99 0.64 0.00	30.28 0.64 0.00	31.64 0.60 0.00	32.75 0.50 0.00	37.15 0.54 0.00	42.77 0.66 0.00	42.86 1.02 0.00	44.93 1.01 0.00	50.14 0.92 0.00	45.90 0.95 0.00	50.23 1.45 0.00	52.21 1.82 0.00	52.09 1.92 0.00	49.37 1.92 0.00	50.78 2.02 0.00	61.24 2.93 0.00	123.71 6.62 0.00	53.74 3.34 0.00	54.22 2.90 0.00	58.20 2.21 0.00	57.89 1.86 0.00	62.32 1.44 0.00	58.64 1.51 0.00
LOVETT___4 23642	42.74 0.69 0.00	38.99 0.64 0.00	30.28 0.64 0.00	31.64 0.60 0.00	32.75 0.50 0.00	37.15 0.54 0.00	42.77 0.66 0.00	42.86 1.02 0.00	44.93 1.01 0.00	50.14 0.92 0.00	45.90 0.95 0.00	50.23 1.45 0.00	52.21 1.82 0.00	52.09 1.92 0.00	49.37 1.92 0.00	50.78 2.02 0.00	61.24 2.93 0.00	123.71 6.62 0.00	53.74 3.34 0.00	54.22 2.90 0.00	58.20 2.21 0.00	57.89 1.86 0.00	62.32 1.44 0.00	58.64 1.51 0.00
LOVETT___5 23593	42.74 0.69 0.00	38.99 0.64 0.00	30.28 0.64 0.00	31.64 0.60 0.00	32.75 0.50 0.00	37.15 0.54 0.00	42.77 0.66 0.00	42.86 1.02 0.00	44.93 1.01 0.00	50.14 0.92 0.00	45.90 0.95 0.00	50.23 1.45 0.00	52.21 1.82 0.00	52.09 1.92 0.00	49.37 1.92 0.00	50.78 2.02 0.00	61.24 2.93 0.00	123.71 6.62 0.00	53.74 3.34 0.00	54.22 2.90 0.00	58.20 2.21 0.00	57.89 1.86 0.00	62.32 1.44 0.00	58.64 1.51 0.00
LOWER RAQUET___HYD 24057	42.57 0.52 0.00	38.79 0.45 0.00	29.89 0.24 0.00	31.22 0.18 0.00	32.51 0.26 0.00	37.11 0.50 0.00	42.79 0.68 0.00	42.58 0.74 0.00	44.66 0.73 0.00	49.70 0.48 0.00	45.18 0.23 0.00	48.66 -0.12 0.00	50.10 -0.29 0.00	49.51 -0.65 0.00	46.13 -1.32 0.00	47.07 -1.70 0.00	55.95 -2.36 0.00	112.31 -4.77 0.00	48.24 -2.16 0.00	49.80 -1.52 0.00	55.18 -0.80 0.00	55.61 -0.42 0.00	61.62 0.74 0.00	57.99 0.86 0.00

LOWER___HUDSON 24059	43.18 1.13 0.00	39.62 1.28 0.00	30.76 1.12 0.00	32.22 1.18 0.00	33.41 1.15 0.00	37.60 1.00 0.00	42.77 0.67 0.00	42.43 0.59 0.00	44.72 0.80 0.00	49.94 0.72 0.00	45.14 0.19 0.00	48.87 0.09 0.00	50.75 0.36 0.00	50.31 0.15 0.00	47.65 0.20 0.00	48.82 0.06 0.00	58.21 -0.10 0.00	117.70 0.61 0.00	51.21 0.81 0.00	52.35 1.03 0.00	57.15 1.17 0.00	57.14 1.11 0.00	61.88 1.00 0.00	58.01 0.88 0.00
LOWVILLE_115KV_TB2 356335	42.46 0.41 0.00	39.02 0.67 0.00	30.06 0.42 0.00	31.00 -0.03 0.00	32.38 0.13 0.00	37.11 0.50 0.00	43.15 1.05 0.00	43.25 1.41 0.00	45.30 1.38 0.00	50.30 1.08 0.00	45.21 0.26 0.00	48.21 -0.57 0.00	49.70 -0.69 0.00	49.52 -0.64 0.00	46.62 -0.83 0.00	47.97 -0.80 0.00	57.69 -0.62 0.00	118.75 1.66 0.00	51.75 1.35 0.00	52.51 1.19 0.00	56.79 0.81 0.00	56.90 0.87 0.00	62.19 1.31 0.00	58.52 1.39 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	43.64 1.59 0.00	39.96 1.62 0.00	30.99 1.35 0.00	32.45 1.41 0.00	33.67 1.42 0.00	38.08 1.48 0.00	43.52 1.41 0.00	43.21 1.37 0.00	45.43 1.51 0.00	50.77 1.54 0.00	45.95 1.00 0.00	49.84 1.06 0.00	51.69 1.31 0.00	51.19 1.03 0.00	48.31 0.86 0.00	49.53 0.77 0.00	59.39 1.08 0.00	120.58 3.50 0.00	52.53 2.13 0.00	53.58 2.26 0.00	58.43 2.45 0.00	58.38 2.35 0.00	63.18 2.31 0.00	59.11 1.98 0.00
LUTHERNY_35_KV_BK2 355980	43.65 1.61 0.00	39.95 1.61 0.00	31.00 1.35 0.00	32.48 1.44 0.00	33.70 1.45 0.00	38.11 1.51 0.00	43.58 1.47 0.00	43.27 1.42 0.00	45.48 1.56 0.00	50.83 1.60 0.00	45.96 1.01 0.00	49.93 1.16 0.00	51.78 1.39 0.00	51.26 1.09 0.00	48.37 0.92 0.00	49.59 0.83 0.00	59.49 1.18 0.00	120.76 3.68 0.00	52.62 2.22 0.00	53.64 2.32 0.00	58.51 2.53 0.00	58.46 2.43 0.00	63.27 2.40 0.00	59.10 1.98 0.00
LWR___OSWEGATCHIE_HYD 23850	42.50 0.45 0.00	38.85 0.51 0.00	29.92 0.28 0.00	31.12 0.08 0.00	32.45 0.19 0.00	37.10 0.49 0.00	42.92 0.81 0.00	42.81 0.96 0.00	44.87 0.95 0.00	49.86 0.64 0.00	45.12 0.16 0.00	48.40 -0.39 0.00	49.85 -0.54 0.00	49.39 -0.77 0.00	46.18 -1.26 0.00	47.26 -1.50 0.00	56.64 -1.67 0.00	115.38 -1.71 0.00	50.01 -0.38 0.00	51.17 -0.15 0.00	55.97 -0.01 0.00	56.24 0.20 0.00	61.87 0.99 0.00	58.21 1.08 0.00
LYONS_FALL_HYD 23570	42.61 0.56 0.00	39.05 0.70 0.00	30.12 0.47 0.00	31.22 0.18 0.00	32.56 0.30 0.00	37.20 0.60 0.00	43.13 1.03 0.00	43.10 1.25 0.00	45.18 1.25 0.00	50.31 1.08 0.00	45.48 0.53 0.00	48.83 0.05 0.00	50.30 -0.09 0.00	50.07 -0.10 0.00	47.24 -0.21 0.00	48.63 -0.14 0.00	58.42 0.11 0.00	119.53 2.45 0.00	52.00 1.60 0.00	52.79 1.47 0.00	57.17 1.19 0.00	57.17 1.14 0.00	62.28 1.40 0.00	58.46 1.33 0.00
MADISON___COUNTY_LFGE 323628	42.96 0.91 0.00	39.20 0.85 0.00	30.24 0.60 0.00	31.61 0.57 0.00	32.89 0.64 0.00	37.44 0.84 0.00	43.29 1.18 0.00	43.07 1.23 0.00	45.18 1.26 0.00	50.60 1.38 0.00	46.13 1.18 0.00	49.90 1.13 0.00	51.27 0.89 0.00	51.04 0.88 0.00	48.31 0.86 0.00	49.81 1.04 0.00	59.77 1.46 0.00	121.33 4.24 0.00	52.73 2.33 0.00	53.60 2.28 0.00	58.10 2.12 0.00	57.91 1.88 0.00	62.70 1.82 0.00	58.65 1.53 0.00
MALONE___115KV_TB1 356076	42.64 0.60 0.00	38.75 0.41 0.00	29.82 0.18 0.00	31.27 0.23 0.00	32.47 0.22 0.00	36.99 0.38 0.00	42.75 0.64 0.00	42.56 0.72 0.00	44.76 0.84 0.00	49.96 0.73 0.00	45.60 0.64 0.00	49.21 0.43 0.00	50.69 0.30 0.00	50.34 0.17 0.00	47.59 0.14 0.00	48.93 0.17 0.00	58.50 0.19 0.00	117.15 0.06 0.00	50.24 -0.15 0.00	51.62 0.29 0.00	56.61 0.63 0.00	56.60 0.57 0.00	61.93 1.05 0.00	58.04 0.91 0.00
MAPLEWOD_115KV_TB3 80458	42.96 0.91 0.00	39.41 1.07 0.00	30.62 0.98 0.00	32.06 1.02 0.00	33.25 0.99 0.00	37.42 0.82 0.00	42.58 0.47 0.00	42.30 0.46 0.00	44.55 0.63 0.00	49.71 0.49 0.00	45.00 0.05 0.00	48.80 0.02 0.00	50.62 0.23 0.00	50.24 0.07 0.00	47.63 0.18 0.00	48.81 0.05 0.00	58.25 -0.06 0.00	117.76 0.67 0.00	51.20 0.80 0.00	52.30 0.98 0.00	56.96 0.97 0.00	56.89 0.86 0.00	61.53 0.66 0.00	57.72 0.59 0.00
MAPLE_RIDGE_WT_1 323574	41.43 -0.62 0.00	37.70 -0.65 0.00	29.12 -0.52 0.00	30.57 -0.47 0.00	31.92 -0.33 0.00	36.27 -0.33 0.00	41.87 -0.24 0.00	41.63 -0.21 0.00	43.72 -0.20 0.00	48.93 -0.30 0.00	44.58 -0.37 0.00	48.31 -0.47 0.00	49.96 -0.43 0.00	49.76 -0.41 0.00	46.98 -0.47 0.00	48.29 -0.48 0.00	57.67 -0.64 0.00	116.33 -0.76 0.00	50.07 -0.33 0.00	50.92 -0.41 0.00	55.44 -0.54 0.00	55.49 -0.54 0.00	60.50 -0.37 0.00	56.88 -0.24 0.00
MAPLE_RIDGE_WT_2 323611	41.43 -0.62 0.00	37.70 -0.65 0.00	29.12 -0.52 0.00	30.57 -0.47 0.00	31.92 -0.33 0.00	36.27 -0.33 0.00	41.87 -0.24 0.00	41.63 -0.21 0.00	43.72 -0.20 0.00	48.93 -0.30 0.00	44.58 -0.37 0.00	48.31 -0.47 0.00	49.96 -0.43 0.00	49.76 -0.41 0.00	46.98 -0.47 0.00	48.29 -0.48 0.00	57.67 -0.64 0.00	116.33 -0.76 0.00	50.07 -0.33 0.00	50.92 -0.41 0.00	55.44 -0.54 0.00	55.49 -0.54 0.00	60.50 -0.37 0.00	56.88 -0.24 0.00
MARBLE_RIVER_WT_PWR 323696	42.16 0.11 0.00	38.29 -0.06 0.00	29.46 -0.18 0.00	30.88 -0.15 0.00	32.09 -0.16 0.00	36.51 -0.10 0.00	42.12 0.02 0.00	41.89 0.05 0.00	44.04 0.11 0.00	49.33 0.10 0.00	45.08 0.13 0.00	48.75 -0.03 0.00	50.25 -0.14 0.00	49.92 -0.25 0.00	47.13 -0.31 0.00	48.39 -0.37 0.00	57.77 -0.54 0.00	115.58 -1.51 0.00	49.57 -0.83 0.00	50.80 -0.53 0.00	55.67 -0.31 0.00	55.74 -0.29 0.00	61.13 0.25 0.00	57.43 0.30 0.00
MARSHVLE_115KV_TB1 80742	44.11 2.06 0.00	40.08 1.73 0.00	30.77 1.13 0.00	32.19 1.15 0.00	33.57 1.32 0.00	38.33 1.73 0.00	44.58 2.47 0.00	44.36 2.52 0.00	45.97 2.05 0.00	51.30 2.08 0.00	46.86 1.90 0.00	50.87 2.09 0.00	52.39 2.00 0.00	52.43 2.26 0.00	49.20 1.75 0.00	50.50 1.73 0.00	59.83 1.52 0.00	121.56 4.47 0.00	53.18 2.79 0.00	54.23 2.91 0.00	59.05 3.07 0.00	59.25 3.22 0.00	64.40 3.52 0.00	60.51 3.39 0.00
MARSH_HILL_WT_PWR 323713	41.59 -0.46 0.00	37.72 -0.62 0.00	27.96 -1.69 0.00	29.79 -1.25 0.00	31.30 -0.95 0.00	35.90 -0.70 0.00	42.12 0.01 0.00	41.83 -0.01 0.00	43.51 -0.41 0.00	50.02 0.79 0.00	46.26 1.31 0.00	50.31 1.53 0.00	52.25 1.87 0.00	52.32 2.15 0.00	49.30 1.86 0.00	50.62 1.86 0.00	60.94 2.63 0.00	124.16 7.07 0.00	53.40 3.00 0.00	53.66 2.34 0.00	57.54 1.55 0.00	56.29 0.26 0.00	60.90 0.03 0.00	57.21 0.08 0.00
MCINTYRE_115KV_TB2 80467	43.54 1.49 0.00	39.63 1.28 0.00	30.52 0.87 0.00	31.93 0.89 0.00	33.26 1.01 0.00	38.07 1.47 0.00	43.85 1.74 0.00	43.62 1.78 0.00	45.57 1.65 0.00	50.46 1.24 0.00	45.65 0.70 0.00	49.19 0.41 0.00	50.66 0.27 0.00	50.21 0.04 0.00	46.98 -0.47 0.00	48.02 -0.74 0.00	57.38 -0.93 0.00	114.95 -2.13 0.00	49.22 -1.17 0.00	51.45 0.13 0.00	57.04 1.06 0.00	57.31 1.28 0.00	63.26 2.39 0.00	59.27 2.14 0.00

MECO____69_KV_BK1 80468	44.40 2.35 0.00	40.40 2.06 0.00	31.11 1.47 0.00	32.55 1.51 0.00	33.91 1.65 0.00	38.63 2.03 0.00	44.78 2.67 0.00	44.58 2.74 0.00	46.39 2.47 0.00	51.38 2.16 0.00	46.81 1.86 0.00	51.01 2.23 0.00	52.42 2.03 0.00	52.26 2.09 0.00	48.40 0.96 0.00	49.74 0.97 0.00	59.32 1.01 0.00	121.84 4.75 0.00	53.84 3.44 0.00	55.05 3.73 0.00	59.97 3.99 0.00	59.92 3.89 0.00	64.90 4.03 0.00	60.83 3.71 0.00
MENANDS__115KV_TB5 355628	42.72 0.67 0.00	39.20 0.85 0.00	30.49 0.85 0.00	31.93 0.89 0.00	33.09 0.84 0.00	37.22 0.61 0.00	42.29 0.18 0.00	42.00 0.16 0.00	44.26 0.34 0.00	49.35 0.13 0.00	44.67 -0.28 0.00	48.41 -0.37 0.00	50.24 -0.15 0.00	49.87 -0.30 0.00	47.29 -0.16 0.00	48.47 -0.29 0.00	57.74 -0.57 0.00	116.61 -0.48 0.00	50.70 0.30 0.00	51.82 0.50 0.00	56.43 0.45 0.00	56.37 0.34 0.00	60.99 0.12 0.00	57.25 0.12 0.00
MG INDUSTRY__DRP 24185	42.62 0.58 0.00	39.00 0.66 0.00	30.29 0.65 0.00	31.71 0.66 0.00	32.88 0.63 0.00	37.19 0.58 0.00	42.50 0.40 0.00	42.25 0.40 0.00	44.29 0.36 0.00	49.34 0.12 0.00	44.80 -0.15 0.00	48.58 -0.21 0.00	49.61 -0.78 0.00	49.10 -1.07 0.00	46.52 -0.93 0.00	47.69 -1.08 0.00	57.12 -1.19 0.00	115.17 -1.91 0.00	49.99 -0.41 0.00	50.87 -0.45 0.00	55.39 -0.59 0.00	55.38 -0.65 0.00	59.97 -0.91 0.00	56.70 -0.43 0.00
MID____OSWEGATCHIE_HYD 23849	42.50 0.45 0.00	38.85 0.51 0.00	29.92 0.28 0.00	31.12 0.08 0.00	32.45 0.19 0.00	37.10 0.49 0.00	42.92 0.81 0.00	42.81 0.96 0.00	44.87 0.95 0.00	49.86 0.64 0.00	45.12 0.16 0.00	48.40 -0.39 0.00	49.85 -0.54 0.00	49.39 -0.77 0.00	46.18 -1.26 0.00	47.26 -1.50 0.00	56.64 -1.67 0.00	115.38 -1.71 0.00	50.01 -0.38 0.00	51.17 -0.15 0.00	55.97 -0.01 0.00	56.24 0.20 0.00	61.87 0.99 0.00	58.21 1.08 0.00
MID____RAQUETTE_HYD 23851	42.57 0.52 0.00	38.79 0.45 0.00	29.89 0.24 0.00	31.22 0.18 0.00	32.51 0.26 0.00	37.11 0.50 0.00	42.79 0.68 0.00	42.58 0.74 0.00	44.66 0.73 0.00	49.70 0.48 0.00	45.17 0.22 0.00	48.68 -0.10 0.00	50.09 -0.29 0.00	49.51 -0.66 0.00	46.13 -1.32 0.00	47.07 -1.70 0.00	55.95 -2.36 0.00	112.32 -4.77 0.00	48.24 -2.16 0.00	49.80 -1.52 0.00	55.18 -0.80 0.00	55.62 -0.41 0.00	61.62 0.74 0.00	57.99 0.86 0.00
MILLIKEN__1 23584	42.61 0.56 0.00	38.82 0.48 0.00	29.93 0.29 0.00	31.41 0.37 0.00	32.68 0.43 0.00	37.16 0.55 0.00	42.98 0.87 0.00	42.71 0.87 0.00	44.76 0.83 0.00	50.26 1.04 0.00	45.88 0.92 0.00	49.75 0.97 0.00	51.16 0.78 0.00	51.11 0.95 0.00	48.45 1.00 0.00	49.82 1.06 0.00	60.06 1.75 0.00	121.72 4.63 0.00	52.72 2.32 0.00	53.47 2.15 0.00	57.91 1.93 0.00	57.60 1.56 0.00	62.33 1.45 0.00	58.30 1.18 0.00
MILLIKEN__2 23585	42.61 0.56 0.00	38.82 0.48 0.00	29.93 0.29 0.00	31.41 0.37 0.00	32.68 0.43 0.00	37.16 0.55 0.00	42.98 0.87 0.00	42.71 0.87 0.00	44.76 0.83 0.00	50.26 1.04 0.00	45.88 0.92 0.00	49.75 0.97 0.00	51.16 0.78 0.00	51.11 0.95 0.00	48.45 1.00 0.00	49.82 1.06 0.00	60.06 1.75 0.00	121.72 4.63 0.00	52.72 2.32 0.00	53.47 2.15 0.00	57.91 1.93 0.00	57.60 1.56 0.00	62.33 1.45 0.00	58.30 1.18 0.00
MILLIKEN__DIESEL 23629	42.61 0.56 0.00	38.82 0.48 0.00	29.93 0.29 0.00	31.41 0.37 0.00	32.68 0.43 0.00	37.16 0.55 0.00	42.98 0.87 0.00	42.71 0.87 0.00	44.76 0.83 0.00	50.26 1.04 0.00	45.88 0.92 0.00	49.75 0.97 0.00	51.16 0.78 0.00	51.11 0.95 0.00	48.45 1.00 0.00	49.82 1.06 0.00	60.06 1.75 0.00	121.72 4.63 0.00	52.72 2.32 0.00	53.47 2.15 0.00	57.91 1.93 0.00	57.60 1.56 0.00	62.33 1.45 0.00	58.30 1.18 0.00
MILLSEAT____LFGE 323607	38.76 1.43 4.72	34.73 1.17 4.78	26.34 0.56 3.87	29.38 0.87 2.53	30.06 1.09 3.29	32.97 1.31 4.95	41.85 2.12 2.38	43.36 1.83 0.31	42.60 1.76 3.09	44.95 3.11 7.39	46.32 2.96 1.60	51.61 2.83 0.00	52.97 2.58 0.00	52.88 2.71 0.00	50.14 2.70 0.00	51.70 2.94 0.00	61.65 3.34 0.00	125.25 8.16 0.00	53.74 3.35 0.00	54.04 2.72 0.00	54.52 2.27 3.73	54.68 2.04 3.39	54.41 2.51 8.97	47.15 2.36 12.34
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	42.89 0.84 0.00	39.10 0.75 0.00	30.39 0.74 0.00	31.74 0.70 0.00	32.85 0.60 0.00	37.26 0.66 0.00	42.90 0.79 0.00	43.00 1.16 0.00	45.10 1.18 0.00	50.37 1.15 0.00	46.11 1.16 0.00	50.42 1.64 0.00	52.37 1.98 0.00	52.23 2.06 0.00	49.50 2.05 0.00	50.89 2.13 0.00	61.35 3.04 0.00	123.92 6.83 0.00	53.81 3.42 0.00	54.30 2.98 0.00	58.32 2.34 0.00	58.03 2.00 0.00	62.57 1.69 0.00	58.82 1.70 0.00
MILLWOOD_13_KV_LOAD 356217	42.97 0.92 0.00	39.17 0.83 0.00	30.44 0.80 0.00	31.79 0.76 0.00	32.91 0.66 0.00	37.32 0.72 0.00	43.00 0.89 0.00	43.11 1.27 0.00	45.20 1.28 0.00	50.49 1.26 0.00	46.21 1.26 0.00	50.53 1.76 0.00	52.49 2.10 0.00	52.35 2.19 0.00	49.62 2.18 0.00	51.05 2.28 0.00	61.55 3.23 0.00	124.31 7.22 0.00	54.00 3.60 0.00	54.48 3.15 0.00	58.50 2.52 0.00	58.21 2.18 0.00	62.75 1.87 0.00	58.99 1.86 0.00
MODEL_CITY_ENERGY 24167	35.95 -0.26 5.84	32.06 -0.37 5.92	24.22 -0.64 4.79	27.57 -0.34 3.13	28.00 -0.19 4.07	30.30 -0.18 6.12	39.53 0.37 2.95	41.41 -0.05 0.38	39.71 -0.39 3.82	40.90 0.83 9.15	43.93 0.96 1.98	49.56 0.78 0.00	50.75 0.36 0.00	50.67 0.50 0.00	48.13 0.69 0.00	49.69 0.92 0.00	58.52 0.21 0.00	118.41 1.32 0.00	50.63 0.23 0.00	50.62 -0.70 0.00	50.00 -1.37 4.62	50.49 -1.35 4.19	49.03 -0.76 11.08	41.46 -0.41 15.25
MODERN_LFGE__ 323580	35.95 -0.26 5.84	32.06 -0.37 5.92	24.22 -0.64 4.79	27.57 -0.34 3.13	28.00 -0.19 4.07	30.30 -0.18 6.12	39.53 0.37 2.95	41.41 -0.05 0.38	39.71 -0.39 3.82	40.90 0.83 9.15	43.93 0.96 1.98	49.56 0.78 0.00	50.75 0.36 0.00	50.67 0.50 0.00	48.13 0.69 0.00	49.69 0.92 0.00	58.52 0.21 0.00	118.41 1.32 0.00	50.63 0.23 0.00	50.62 -0.70 0.00	50.00 -1.37 4.62	50.49 -1.35 4.19	49.03 -0.76 11.08	41.46 -0.41 15.25
MOHAWK_PAPER__DRP 24187	42.96 0.91 0.00	39.41 1.07 0.00	30.62 0.98 0.00	32.06 1.02 0.00	33.25 0.99 0.00	37.42 0.82 0.00	42.58 0.47 0.00	42.30 0.46 0.00	44.55 0.63 0.00	49.71 0.49 0.00	45.00 0.05 0.00	48.80 0.02 0.00	50.62 0.23 0.00	50.24 0.07 0.00	47.63 0.18 0.00	48.81 0.05 0.00	58.25 -0.06 0.00	117.76 0.67 0.00	51.20 0.80 0.00	52.30 0.98 0.00	56.96 0.97 0.00	56.89 0.86 0.00	61.53 0.66 0.00	57.72 0.59 0.00
MOHICAN__35_KV_115KV_LD 80490	43.98 1.93 0.00	40.34 2.00 0.00	31.28 1.64 0.00	32.73 1.69 0.00	33.96 1.70 0.00	38.46 1.85 0.00	43.88 1.77 0.00	43.49 1.65 0.00	45.78 1.86 0.00	51.14 1.91 0.00	46.09 1.14 0.00	49.83 1.05 0.00	51.83 1.44 0.00	51.08 0.91 0.00	48.01 0.57 0.00	49.24 0.48 0.00	59.27 0.96 0.00	120.90 3.81 0.00	52.94 2.54 0.00	54.23 2.91 0.00	59.28 3.30 0.00	59.23 3.20 0.00	64.05 3.18 0.00	59.75 2.62 0.00

MONGAUP___HYD 23641	43.16 1.11 0.00	39.34 1.00 0.00	30.50 0.86 0.00	31.88 0.84 0.00	33.04 0.78 0.00	37.50 0.90 0.00	43.21 1.10 0.00	43.24 1.40 0.00	45.19 1.27 0.00	50.34 1.12 0.00	45.93 0.98 0.00	49.81 1.03 0.00	51.67 1.28 0.00	51.51 1.35 0.00	48.85 1.40 0.00	49.94 1.18 0.00	60.35 2.04 0.00	122.73 5.64 0.00	53.77 3.38 0.00	54.64 3.31 0.00	58.85 2.87 0.00	58.53 2.50 0.00	63.39 2.52 0.00	59.35 2.22 0.00
MONTAUK___DIESEL 23721	44.88 2.83 0.00	40.50 2.16 0.00	31.32 1.67 0.00	32.44 1.40 0.00	33.08 0.83 0.00	37.68 1.08 0.00	43.33 1.23 0.00	43.75 1.91 0.00	46.90 2.97 0.00	52.36 3.14 0.00	48.23 3.28 0.00	53.89 5.11 0.00	55.16 4.77 0.00	56.54 5.49 -0.89	52.69 5.25 0.00	53.44 4.68 0.00	64.89 6.58 0.00	132.26 15.17 0.00	57.17 6.77 0.00	57.38 6.05 0.00	60.77 4.79 0.00	60.84 4.81 0.00	65.85 4.98 0.00	61.20 4.07 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	42.20 0.15 0.00	38.07 -0.27 0.00	28.70 -0.94 0.00	30.71 -0.32 0.00	32.43 0.18 0.00	36.80 0.19 0.00	43.06 0.95 0.00	42.80 0.96 0.00	45.23 1.31 0.00	51.66 2.44 0.00	47.81 2.86 0.00	51.97 3.18 0.00	53.42 3.03 0.00	53.06 2.90 0.00	50.29 2.85 0.00	51.81 3.05 0.00	62.48 4.17 0.00	127.08 9.99 0.00	53.87 3.48 0.00	52.87 1.55 0.00	56.86 0.88 0.00	57.67 1.64 0.00	62.77 1.89 0.00	58.70 1.57 0.00
MORRIS RIDGE___SOLAR 323848	41.61 -0.44 0.00	37.83 -0.51 0.00	28.61 -1.03 0.00	30.32 -0.72 0.00	31.73 -0.52 0.00	36.16 -0.44 0.00	42.24 0.13 0.00	41.86 0.02 0.00	43.75 -0.18 0.00	50.08 0.86 0.00	45.96 1.01 0.00	49.81 1.03 0.00	51.53 1.14 0.00	51.44 1.28 0.00	48.65 1.20 0.00	49.94 1.17 0.00	59.78 1.47 0.00	121.73 4.64 0.00	52.29 1.89 0.00	52.44 1.12 0.00	56.61 0.63 0.00	55.91 -0.12 0.00	60.91 0.03 0.00	57.27 0.15 0.00
MORTIMER_115KV_TB3 55949	42.75 0.71 0.00	38.85 0.50 0.00	29.82 0.18 0.00	31.37 0.33 0.00	32.71 0.45 0.00	37.16 0.56 0.00	43.15 1.04 0.00	42.68 0.84 0.00	44.83 0.90 0.00	51.20 1.98 0.00	46.87 1.92 0.00	50.54 1.76 0.00	52.09 1.70 0.00	52.07 1.90 0.00	49.43 1.99 0.00	50.98 2.22 0.00	60.60 2.29 0.00	122.37 5.28 0.00	52.52 2.12 0.00	52.83 1.51 0.00	57.04 1.06 0.00	56.89 0.86 0.00	61.99 1.11 0.00	58.18 1.06 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	43.11 1.06 0.00	39.28 0.94 0.00	30.56 0.92 0.00	31.89 0.85 0.00	33.00 0.75 0.00	37.44 0.84 0.00	43.16 1.05 0.00	43.31 1.47 0.00	45.45 1.52 0.00	50.74 1.52 0.00	46.48 1.53 0.00	50.81 2.04 0.00	52.76 2.37 0.00	52.55 2.39 0.00	49.76 2.32 0.00	51.16 2.39 0.00	61.64 3.33 0.00	124.42 7.33 0.00	54.05 3.65 0.00	54.48 3.16 0.00	58.46 2.48 0.00	58.25 2.22 0.00	62.91 2.04 0.00	59.20 2.07 0.00
MUNSVILLE_WIND_PWR 323609	45.29 1.02 -2.22	41.86 1.26 -2.25	32.39 0.92 -1.82	33.40 1.17 -1.19	34.99 1.19 -1.55	40.54 1.61 -2.33	45.66 2.43 -1.12	44.71 2.73 -0.14	48.27 2.89 -1.46	56.10 3.39 -3.49	48.13 2.43 -0.75	51.97 3.18 0.00	53.35 2.96 0.00	53.19 3.03 0.00	50.42 2.98 0.00	51.78 3.01 0.00	62.16 3.85 0.00	130.18 13.09 0.00	56.68 6.28 0.00	57.54 6.21 0.00	63.91 6.16 -1.76	63.13 5.50 -1.60	70.49 5.39 -4.23	67.47 4.52 -5.83
N SALMON___HYD 24042	42.64 0.60 0.00	38.75 0.41 0.00	29.82 0.18 0.00	31.27 0.23 0.00	32.47 0.22 0.00	36.99 0.38 0.00	42.75 0.64 0.00	42.56 0.72 0.00	44.76 0.84 0.00	49.96 0.73 0.00	45.60 0.65 0.00	49.19 0.41 0.00	50.69 0.30 0.00	50.34 0.17 0.00	47.59 0.14 0.00	48.93 0.17 0.00	58.50 0.19 0.00	117.15 0.06 0.00	50.24 -0.15 0.00	51.62 0.30 0.00	56.61 0.63 0.00	56.60 0.57 0.00	61.92 1.05 0.00	58.04 0.91 0.00
N.AKRON___115KV_KNAPP 355671	43.01 0.96 0.00	39.08 0.73 0.00	29.87 0.23 0.00	31.58 0.54 0.00	33.00 0.75 0.00	37.50 0.90 0.00	43.75 1.64 0.00	43.10 1.26 0.00	45.05 1.12 0.00	51.70 2.48 0.00	47.43 2.48 0.00	50.97 2.19 0.00	52.34 1.95 0.00	52.27 2.10 0.00	49.60 2.16 0.00	51.19 2.43 0.00	60.76 2.45 0.00	123.17 6.08 0.00	52.80 2.40 0.00	52.98 1.66 0.00	57.08 1.10 0.00	56.95 0.92 0.00	62.32 1.44 0.00	58.61 1.48 0.00
N.BELMOR_69_KV_BK1 55787	43.58 1.53 0.00	39.57 1.22 0.00	30.75 1.10 0.00	32.04 1.00 0.00	33.09 0.84 0.00	37.66 1.06 0.00	43.38 1.27 0.00	43.46 1.61 0.00	45.67 1.75 0.00	51.10 1.87 0.00	46.89 1.95 0.00	51.45 2.67 0.00	53.24 2.85 0.00	54.18 3.12 -0.89	50.42 2.97 0.00	51.64 2.87 0.00	62.36 4.05 0.00	125.62 8.53 0.00	54.57 4.18 0.00	55.04 3.72 0.00	59.23 3.25 0.00	58.82 2.79 0.00	63.48 2.61 0.00	59.69 2.56 0.00
N.E_GEN_SANDY PD 24062	42.88 1.08 0.25	40.45 1.28 -0.82	35.34 1.18 -4.52	35.10 1.23 -2.83	35.57 1.17 -2.15	37.50 0.89 0.00	41.74 0.36 0.73	42.18 0.34 0.00	44.50 0.58 0.00	49.72 0.50 0.00	44.86 -0.09 0.00	48.57 -0.21 0.00	50.53 0.14 0.00	44.97 -0.07 5.13	47.53 0.09 0.01	43.30 -0.08 5.39	53.19 -0.42 4.70	106.74 -0.31 10.03	45.52 0.47 5.34	48.13 0.73 3.91	58.29 0.75 -1.56	56.73 0.69 0.00	62.11 0.52 -0.72	56.33 0.53 1.33
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	42.86 0.81 0.00	39.09 0.74 0.00	30.34 0.70 0.00	31.72 0.68 0.00	32.83 0.58 0.00	37.24 0.63 0.00	42.89 0.78 0.00	42.99 1.15 0.00	45.06 1.14 0.00	50.30 1.07 0.00	46.06 1.11 0.00	50.42 1.64 0.00	52.43 2.05 0.00	52.34 2.18 0.00	49.63 2.18 0.00	51.07 2.31 0.00	61.62 3.31 0.00	124.52 7.43 0.00	54.07 3.67 0.00	54.53 3.21 0.00	58.52 2.54 0.00	58.18 2.15 0.00	62.60 1.72 0.00	58.87 1.74 0.00
N.QUEENS_27_KV_LOAD 356247	43.03 0.98 0.00	39.21 0.86 0.00	30.58 0.94 0.00	31.83 0.79 0.00	32.88 0.63 0.00	37.38 0.78 0.00	43.15 1.05 0.00	43.28 1.44 0.00	45.42 1.50 0.00	50.72 1.50 0.00	46.41 1.45 0.00	50.66 1.88 0.00	52.53 2.14 0.00	52.51 2.34 0.00	49.64 2.20 0.00	51.02 2.27 0.00	61.46 3.15 0.00	124.24 7.15 0.00	53.92 3.53 0.00	54.33 3.01 0.00	58.37 2.39 0.01	58.20 2.18 0.01	62.77 1.89 0.00	59.18 2.05 0.00
N.TROY___115KV_TB1 355778	43.17 1.13 0.00	39.62 1.28 0.00	30.76 1.12 0.00	32.22 1.19 0.00	33.41 1.15 0.00	37.60 1.00 0.00	42.77 0.66 0.00	42.43 0.59 0.00	44.72 0.79 0.00	49.94 0.72 0.00	45.14 0.19 0.00	48.87 0.09 0.00	50.75 0.36 0.00	50.32 0.15 0.00	47.64 0.20 0.00	48.82 0.05 0.00	58.21 -0.10 0.00	117.73 0.64 0.00	51.20 0.81 0.00	52.34 1.02 0.00	57.15 1.17 0.00	57.15 1.11 0.00	61.88 1.00 0.00	58.02 0.89 0.00
NARROWS_GT1_1 24228	43.18 1.13 0.00	39.33 0.99 0.00	30.61 0.97 0.00	31.91 0.88 0.00	33.03 0.77 0.00	37.49 0.88 0.00	43.26 1.15 0.00	43.40 1.56 0.00	45.55 1.62 0.00	50.85 1.62 0.00	46.60 1.65 0.00	50.87 2.10 0.00	52.84 2.46 0.00	52.70 2.53 0.00	49.93 2.49 0.00	51.27 2.50 0.00	61.71 3.40 0.00	124.71 7.62 0.00	54.17 3.78 0.00	54.61 3.29 0.00	58.55 2.57 0.00	58.36 2.33 0.00	63.02 2.15 0.00	59.44 2.31 0.00

NARROWS_GT1_2 24229	43.18 1.13 0.00	39.33 0.99 0.00	30.61 0.97 0.00	31.91 0.88 0.00	33.03 0.77 0.00	37.49 0.88 0.00	43.26 1.15 0.00	43.40 1.56 0.00	45.55 1.62 0.00	50.85 1.62 0.00	46.60 1.65 0.00	50.87 2.10 0.00	52.84 2.46 0.00	52.70 2.53 0.00	49.93 2.49 0.00	51.27 2.50 0.00	61.71 3.40 0.00	124.71 7.62 0.00	54.17 3.78 0.00	54.61 3.29 0.00	58.55 2.57 0.00	58.36 2.33 0.00	63.02 2.15 0.00	59.44 2.31 0.00
NARROWS_GT1_3 24230	43.18 1.13 0.00	39.33 0.99 0.00	30.61 0.97 0.00	31.91 0.88 0.00	33.03 0.77 0.00	37.49 0.88 0.00	43.26 1.15 0.00	43.40 1.56 0.00	45.55 1.62 0.00	50.85 1.62 0.00	46.60 1.65 0.00	50.87 2.10 0.00	52.84 2.46 0.00	52.70 2.53 0.00	49.93 2.49 0.00	51.27 2.50 0.00	61.71 3.40 0.00	124.71 7.62 0.00	54.17 3.78 0.00	54.61 3.29 0.00	58.55 2.57 0.00	58.36 2.33 0.00	63.02 2.15 0.00	59.44 2.31 0.00
NARROWS_GT1_4 24231	43.18 1.13 0.00	39.33 0.99 0.00	30.61 0.97 0.00	31.91 0.88 0.00	33.03 0.77 0.00	37.49 0.88 0.00	43.26 1.15 0.00	43.40 1.56 0.00	45.55 1.62 0.00	50.85 1.62 0.00	46.60 1.65 0.00	50.87 2.10 0.00	52.84 2.46 0.00	52.70 2.53 0.00	49.93 2.49 0.00	51.27 2.50 0.00	61.71 3.40 0.00	124.71 7.62 0.00	54.17 3.78 0.00	54.61 3.29 0.00	58.55 2.57 0.00	58.36 2.33 0.00	63.02 2.15 0.00	59.44 2.31 0.00
NARROWS_GT1_5 24232	43.18 1.13 0.00	39.33 0.99 0.00	30.61 0.97 0.00	31.91 0.88 0.00	33.03 0.77 0.00	37.49 0.88 0.00	43.26 1.15 0.00	43.40 1.56 0.00	45.55 1.62 0.00	50.85 1.62 0.00	46.60 1.65 0.00	50.87 2.10 0.00	52.84 2.46 0.00	52.70 2.53 0.00	49.93 2.49 0.00	51.27 2.50 0.00	61.71 3.40 0.00	124.71 7.62 0.00	54.17 3.78 0.00	54.61 3.29 0.00	58.55 2.57 0.00	58.36 2.33 0.00	63.02 2.15 0.00	59.44 2.31 0.00
NARROWS_GT1_6 24233	43.18 1.13 0.00	39.33 0.99 0.00	30.61 0.97 0.00	31.91 0.88 0.00	33.03 0.77 0.00	37.49 0.88 0.00	43.26 1.15 0.00	43.40 1.56 0.00	45.55 1.62 0.00	50.85 1.62 0.00	46.60 1.65 0.00	50.87 2.10 0.00	52.84 2.46 0.00	52.70 2.53 0.00	49.93 2.49 0.00	51.27 2.50 0.00	61.71 3.40 0.00	124.71 7.62 0.00	54.17 3.78 0.00	54.61 3.29 0.00	58.55 2.57 0.00	58.36 2.33 0.00	63.02 2.15 0.00	59.44 2.31 0.00
NARROWS_GT1_7 24234	43.18 1.13 0.00	39.33 0.99 0.00	30.61 0.97 0.00	31.91 0.88 0.00	33.03 0.77 0.00	37.49 0.88 0.00	43.26 1.15 0.00	43.40 1.56 0.00	45.55 1.62 0.00	50.85 1.62 0.00	46.60 1.65 0.00	50.87 2.10 0.00	52.84 2.46 0.00	52.70 2.53 0.00	49.93 2.49 0.00	51.27 2.50 0.00	61.71 3.40 0.00	124.71 7.62 0.00	54.17 3.78 0.00	54.61 3.29 0.00	58.55 2.57 0.00	58.36 2.33 0.00	63.02 2.15 0.00	59.44 2.31 0.00
NARROWS_GT1_8 24235	43.18 1.13 0.00	39.33 0.99 0.00	30.61 0.97 0.00	31.91 0.88 0.00	33.03 0.77 0.00	37.49 0.88 0.00	43.26 1.15 0.00	43.40 1.56 0.00	45.55 1.62 0.00	50.85 1.62 0.00	46.60 1.65 0.00	50.87 2.10 0.00	52.84 2.46 0.00	52.70 2.53 0.00	49.93 2.49 0.00	51.27 2.50 0.00	61.71 3.40 0.00	124.71 7.62 0.00	54.17 3.78 0.00	54.61 3.29 0.00	58.55 2.57 0.00	58.36 2.33 0.00	63.02 2.15 0.00	59.44 2.31 0.00
NARROWS_GT2_1 24236	43.18 1.13 0.00	39.33 0.99 0.00	30.61 0.97 0.00	31.91 0.88 0.00	33.03 0.77 0.00	37.49 0.88 0.00	43.26 1.15 0.00	43.40 1.56 0.00	45.55 1.62 0.00	50.85 1.62 0.00	46.60 1.65 0.00	50.87 2.10 0.00	52.84 2.46 0.00	52.70 2.53 0.00	49.93 2.49 0.00	51.27 2.50 0.00	61.71 3.40 0.00	124.71 7.62 0.00	54.17 3.78 0.00	54.61 3.29 0.00	58.55 2.57 0.00	58.36 2.33 0.00	63.02 2.15 0.00	59.44 2.31 0.00
NARROWS_GT2_2 24237	43.18 1.13 0.00	39.33 0.99 0.00	30.61 0.97 0.00	31.91 0.88 0.00	33.03 0.77 0.00	37.49 0.88 0.00	43.26 1.15 0.00	43.40 1.56 0.00	45.55 1.62 0.00	50.85 1.62 0.00	46.60 1.65 0.00	50.87 2.10 0.00	52.84 2.46 0.00	52.70 2.53 0.00	49.93 2.49 0.00	51.27 2.50 0.00	61.71 3.40 0.00	124.71 7.62 0.00	54.17 3.78 0.00	54.61 3.29 0.00	58.55 2.57 0.00	58.36 2.33 0.00	63.02 2.15 0.00	59.44 2.31 0.00
NARROWS_GT2_3 24238	43.18 1.13 0.00	39.33 0.99 0.00	30.61 0.97 0.00	31.91 0.88 0.00	33.03 0.77 0.00	37.49 0.88 0.00	43.26 1.15 0.00	43.40 1.56 0.00	45.55 1.62 0.00	50.85 1.62 0.00	46.60 1.65 0.00	50.87 2.10 0.00	52.84 2.46 0.00	52.70 2.53 0.00	49.93 2.49 0.00	51.27 2.50 0.00	61.71 3.40 0.00	124.71 7.62 0.00	54.17 3.78 0.00	54.61 3.29 0.00	58.55 2.57 0.00	58.36 2.33 0.00	63.02 2.15 0.00	59.44 2.31 0.00
NARROWS_GT2_4 24239	43.18 1.13 0.00	39.33 0.99 0.00	30.61 0.97 0.00	31.91 0.88 0.00	33.03 0.77 0.00	37.49 0.88 0.00	43.26 1.15 0.00	43.40 1.56 0.00	45.55 1.62 0.00	50.85 1.62 0.00	46.60 1.65 0.00	50.87 2.10 0.00	52.84 2.46 0.00	52.70 2.53 0.00	49.93 2.49 0.00	51.27 2.50 0.00	61.71 3.40 0.00	124.71 7.62 0.00	54.17 3.78 0.00	54.61 3.29 0.00	58.55 2.57 0.00	58.36 2.33 0.00	63.02 2.15 0.00	59.44 2.31 0.00
NARROWS_GT2_5 24240	43.18 1.13 0.00	39.33 0.99 0.00	30.61 0.97 0.00	31.91 0.88 0.00	33.03 0.77 0.00	37.49 0.88 0.00	43.26 1.15 0.00	43.40 1.56 0.00	45.55 1.62 0.00	50.85 1.62 0.00	46.60 1.65 0.00	50.87 2.10 0.00	52.84 2.46 0.00	52.70 2.53 0.00	49.93 2.49 0.00	51.27 2.50 0.00	61.71 3.40 0.00	124.71 7.62 0.00	54.17 3.78 0.00	54.61 3.29 0.00	58.55 2.57 0.00	58.36 2.33 0.00	63.02 2.15 0.00	59.44 2.31 0.00
NARROWS_GT2_6 24241	43.18 1.13 0.00	39.33 0.99 0.00	30.61 0.97 0.00	31.91 0.88 0.00	33.03 0.77 0.00	37.49 0.88 0.00	43.26 1.15 0.00	43.40 1.56 0.00	45.55 1.62 0.00	50.85 1.62 0.00	46.60 1.65 0.00	50.87 2.10 0.00	52.84 2.46 0.00	52.70 2.53 0.00	49.93 2.49 0.00	51.27 2.50 0.00	61.71 3.40 0.00	124.71 7.62 0.00	54.17 3.78 0.00	54.61 3.29 0.00	58.55 2.57 0.00	58.36 2.33 0.00	63.02 2.15 0.00	59.44 2.31 0.00
NARROWS_GT2_7 24242	43.18 1.13 0.00	39.33 0.99 0.00	30.61 0.97 0.00	31.91 0.88 0.00	33.03 0.77 0.00	37.49 0.88 0.00	43.26 1.15 0.00	43.40 1.56 0.00	45.55 1.62 0.00	50.85 1.62 0.00	46.60 1.65 0.00	50.87 2.10 0.00	52.84 2.46 0.00	52.70 2.53 0.00	49.93 2.49 0.00	51.27 2.50 0.00	61.71 3.40 0.00	124.71 7.62 0.00	54.17 3.78 0.00	54.61 3.29 0.00	58.55 2.57 0.00	58.36 2.33 0.00	63.02 2.15 0.00	59.44 2.31 0.00
NARROWS_GT2_8 24243	43.18 1.13 0.00	39.33 0.99 0.00	30.61 0.97 0.00	31.91 0.88 0.00	33.03 0.77 0.00	37.49 0.88 0.00	43.26 1.15 0.00	43.40 1.56 0.00	45.55 1.62 0.00	50.85 1.62 0.00	46.60 1.65 0.00	50.87 2.10 0.00	52.84 2.46 0.00	52.70 2.53 0.00	49.93 2.49 0.00	51.27 2.50 0.00	61.71 3.40 0.00	124.71 7.62 0.00	54.17 3.78 0.00	54.61 3.29 0.00	58.55 2.57 0.00	58.36 2.33 0.00	63.02 2.15 0.00	59.44 2.31 0.00

NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	43.27 1.22 0.00	39.60 1.25 0.00	30.76 1.12 0.00	32.19 1.16 0.00	33.41 1.15 0.00	37.73 1.13 0.00	43.13 1.02 0.00	42.92 1.08 0.00	45.13 1.21 0.00	50.12 0.90 0.00	45.43 0.48 0.00	48.97 0.19 0.00	50.83 0.44 0.00	50.39 0.23 0.00	47.77 0.33 0.00	49.35 0.58 0.00	58.74 0.43 0.00	119.30 2.21 0.00	52.14 1.74 0.00	53.16 1.84 0.00	57.84 1.86 0.00	57.68 1.65 0.00	62.27 1.39 0.00	58.36 1.23 0.00
NCHELSEA_115KV_TR2 355582	43.20 1.15 0.00	39.40 1.06 0.00	30.59 0.95 0.00	31.95 0.92 0.00	33.11 0.86 0.00	37.56 0.95 0.00	43.25 1.14 0.00	43.32 1.47 0.00	45.40 1.48 0.00	50.75 1.53 0.00	46.38 1.42 0.00	50.68 1.91 0.00	52.69 2.30 0.00	52.57 2.41 0.00	49.91 2.47 0.00	51.35 2.59 0.00	61.90 3.59 0.00	125.25 8.16 0.00	54.33 3.94 0.00	54.86 3.54 0.00	59.00 3.02 0.00	58.68 2.65 0.00	63.24 2.36 0.00	59.36 2.23 0.00
NEG CAPITAL___MECHNVIL 23645	43.74 1.69 0.00	40.07 1.72 0.00	31.07 1.42 0.00	32.54 1.50 0.00	33.76 1.51 0.00	38.13 1.53 0.00	43.57 1.46 0.00	43.25 1.41 0.00	45.50 1.58 0.00	50.84 1.62 0.00	45.99 1.04 0.00	49.91 1.13 0.00	51.78 1.39 0.00	51.32 1.15 0.00	48.49 1.04 0.00	49.68 0.92 0.00	59.54 1.22 0.00	120.89 3.80 0.00	52.64 2.24 0.00	53.69 2.37 0.00	58.54 2.56 0.00	58.46 2.43 0.00	63.25 2.37 0.00	59.16 2.03 0.00
NEG CENTRAL_HIGH_ACRES 23767	41.91 -0.14 0.00	38.09 -0.26 0.00	29.27 -0.37 0.00	30.78 -0.26 0.00	32.07 -0.18 0.00	36.46 -0.14 0.00	42.29 0.18 0.00	41.80 -0.04 0.00	43.93 0.01 0.00	50.00 0.77 0.00	45.77 0.81 0.00	49.46 0.68 0.00	51.01 0.62 0.00	51.00 0.83 0.00	48.39 0.95 0.00	49.96 1.19 0.00	59.46 1.15 0.00	120.13 3.05 0.00	51.59 1.19 0.00	51.94 0.62 0.00	56.10 0.11 0.00	55.93 -0.10 0.00	60.86 -0.02 0.00	57.08 -0.04 0.00
NEG CENTRAL___DRP 24199	42.35 0.30 0.00	38.56 0.21 0.00	29.61 -0.03 0.00	31.12 0.08 0.00	32.41 0.16 0.00	36.90 0.29 0.00	42.78 0.67 0.00	42.44 0.59 0.00	44.49 0.57 0.00	50.22 0.99 0.00	45.99 1.04 0.00	49.80 1.02 0.00	51.39 1.01 0.00	51.36 1.19 0.00	48.66 1.21 0.00	50.13 1.37 0.00	60.20 1.89 0.00	121.91 4.82 0.00	52.61 2.21 0.00	53.12 1.80 0.00	57.46 1.47 0.00	57.04 1.01 0.00	61.86 0.98 0.00	57.92 0.80 0.00
NEG CENTRAL___INDECK 23768	43.08 1.03 0.00	39.14 0.79 0.00	29.76 0.12 0.00	31.40 0.36 0.00	32.80 0.55 0.00	37.40 0.79 0.00	43.69 1.59 0.00	43.31 1.47 0.00	45.41 1.48 0.00	51.97 2.75 0.00	47.49 2.54 0.00	51.47 2.68 0.00	53.06 2.67 0.00	53.07 2.90 0.00	50.15 2.71 0.00	51.61 2.85 0.00	61.49 3.18 0.00	125.08 7.99 0.00	53.87 3.48 0.00	54.53 3.21 0.00	58.87 2.88 0.00	58.23 2.20 0.00	63.27 2.39 0.00	59.27 2.15 0.00
NEG CENTRAL___SENECA 23627	42.44 0.39 0.00	38.66 0.31 0.00	29.59 -0.06 0.00	31.12 0.08 0.00	32.45 0.20 0.00	36.96 0.36 0.00	42.97 0.86 0.00	42.65 0.80 0.00	44.67 0.74 0.00	50.55 1.32 0.00	46.38 1.43 0.00	50.26 1.49 0.00	51.86 1.47 0.00	51.87 1.71 0.00	49.08 1.63 0.00	50.53 1.77 0.00	60.71 2.40 0.00	123.14 6.05 0.00	53.17 2.76 0.00	53.58 2.26 0.00	57.82 1.84 0.00	57.32 1.29 0.00	62.16 1.29 0.00	58.19 1.07 0.00
NEG CENTRAL___STATE_STREET 24147	42.47 0.43 0.00	38.58 0.23 0.00	29.77 0.13 0.00	31.26 0.22 0.00	32.54 0.29 0.00	36.98 0.38 0.00	42.75 0.64 0.00	42.39 0.55 0.00	44.45 0.53 0.00	49.92 0.70 0.00	45.61 0.65 0.00	49.34 0.56 0.00	50.84 0.45 0.00	50.75 0.59 0.00	48.15 0.71 0.00	49.62 0.86 0.00	59.62 1.31 0.00	120.84 3.75 0.00	52.05 1.66 0.00	52.78 1.45 0.00	57.17 1.19 0.00	56.96 0.93 0.00	61.76 0.88 0.00	57.86 0.73 0.00
NEG MILLWOOD___DRP 24198	43.26 1.21 0.00	39.44 1.10 0.00	30.63 0.98 0.00	31.99 0.96 0.00	33.13 0.88 0.00	37.59 0.99 0.00	43.29 1.18 0.00	43.39 1.54 0.00	45.53 1.61 0.00	50.91 1.69 0.00	46.56 1.60 0.00	50.88 2.10 0.00	52.87 2.48 0.00	52.77 2.60 0.00	50.05 2.61 0.00	51.50 2.73 0.00	62.09 3.78 0.00	125.58 8.49 0.00	54.48 4.08 0.00	54.97 3.65 0.00	59.10 3.12 0.00	58.77 2.75 0.00	63.33 2.46 0.00	59.46 2.33 0.00
NEG NORTH_FLCN_SEA 23793	42.68 0.63 0.00	38.66 0.31 0.00	29.73 0.08 0.00	31.14 0.11 0.00	32.40 0.15 0.00	36.92 0.32 0.00	42.63 0.52 0.00	42.41 0.56 0.00	44.60 0.67 0.00	49.93 0.71 0.00	45.63 0.68 0.00	49.54 0.76 0.00	51.02 0.63 0.00	50.50 0.33 0.00	47.58 0.13 0.00	48.54 -0.22 0.00	58.09 -0.56 0.00	116.38 -1.54 0.00	50.00 -0.40 0.00	51.11 -0.21 0.00	56.02 0.03 0.00	56.32 0.29 0.00	62.11 1.24 0.00	58.56 1.44 0.00
NEG NORTH_KES_CHATEGAY 23792	42.19 0.14 0.00	38.32 -0.03 0.00	29.49 -0.15 0.00	30.93 -0.10 0.00	32.11 -0.14 0.00	36.54 -0.06 0.00	42.18 0.07 0.00	41.95 0.11 0.00	44.08 0.16 0.00	49.29 0.07 0.00	45.01 0.06 0.00	48.66 -0.12 0.00	50.13 -0.26 0.00	49.83 -0.34 0.00	47.06 -0.39 0.00	48.37 -0.40 0.00	57.75 -0.56 0.00	115.55 -1.54 0.00	49.51 -0.89 0.00	50.84 -0.48 0.00	55.74 -0.24 0.00	55.80 -0.23 0.00	61.10 0.23 0.00	57.35 0.23 0.00
NEG NORTH___ALICE_FALLS 23915	42.74 0.69 0.00	38.74 0.40 0.00	29.80 0.15 0.00	31.21 0.17 0.00	32.47 0.22 0.00	37.00 0.39 0.00	42.75 0.64 0.00	42.53 0.69 0.00	44.71 0.79 0.00	50.01 0.79 0.00	45.63 0.68 0.00	49.52 0.74 0.00	50.95 0.56 0.00	50.52 0.35 0.00	47.68 0.24 0.00	48.78 0.01 0.00	58.39 0.08 0.00	116.98 -0.11 0.00	50.29 -0.11 0.00	51.48 0.16 0.00	56.44 0.45 0.00	56.61 0.58 0.00	62.24 1.36 0.00	58.58 1.46 0.00
NEG NORTH___LWR_SARANAC 23913	42.74 0.69 0.00	38.74 0.40 0.00	29.80 0.15 0.00	31.21 0.17 0.00	32.47 0.22 0.00	37.00 0.39 0.00	42.75 0.64 0.00	42.53 0.69 0.00	44.71 0.79 0.00	50.01 0.79 0.00	45.63 0.68 0.00	49.52 0.74 0.00	50.95 0.56 0.00	50.52 0.35 0.00	47.68 0.24 0.00	48.78 0.01 0.00	58.39 0.08 0.00	116.98 -0.11 0.00	50.29 -0.11 0.00	51.48 0.16 0.00	56.44 0.45 0.00	56.61 0.58 0.00	62.24 1.36 0.00	58.58 1.46 0.00
NEG NORTH___PLATTSBURG 23628	42.74 0.70 0.00	38.74 0.40 0.00	29.80 0.15 0.00	31.21 0.17 0.00	32.47 0.22 0.00	37.00 0.39 0.00	42.75 0.64 0.00	42.53 0.69 0.00	44.71 0.79 0.00	50.01 0.79 0.00	45.63 0.68 0.00	49.50 0.72 0.00	50.95 0.56 0.00	50.52 0.35 0.00	47.68 0.24 0.00	48.78 0.01 0.00	58.39 0.08 0.00	116.98 -0.11 0.00	50.29 -0.11 0.00	51.48 0.16 0.00	56.43 0.45 0.00	56.61 0.58 0.00	62.24 1.36 0.00	58.58 1.46 0.00
NEG WEST_LEA_LOCKPORT 23791	42.14 0.09 0.00	38.27 -0.07 0.00	29.24 -0.40 0.00	30.94 -0.10 0.00	32.32 0.07 0.00	36.71 0.11 0.00	42.80 0.69 0.00	42.03 0.19 0.00	43.84 -0.09 0.00	50.43 1.21 0.00	46.32 1.36 0.00	49.83 1.05 0.00	51.11 0.72 0.00	50.99 0.82 0.00	48.46 1.01 0.00	50.04 1.28 0.00	59.05 0.73 0.00	119.44 2.35 0.00	51.10 0.70 0.00	51.10 -0.22 0.00	55.11 -0.87 0.00	55.10 -0.94 0.00	60.52 -0.36 0.00	57.09 -0.04 0.00

NEG WEST___LANCASTR 23811	42.74 0.69 0.00	38.79 0.44 0.00	29.74 0.09 0.00	31.42 0.39 0.00	32.82 0.56 0.00	37.23 0.62 0.00	43.26 1.15 0.00	42.56 0.72 0.00	44.81 0.89 0.00	51.62 2.40 0.00	47.19 2.24 0.00	50.83 2.05 0.00	52.25 1.86 0.00	52.13 1.96 0.00	49.52 2.08 0.00	51.15 2.39 0.00	60.58 2.26 0.00	122.47 5.38 0.00	52.32 1.93 0.00	52.30 0.98 0.00	56.76 0.78 0.00	56.72 0.69 0.00	62.23 1.36 0.00	58.55 1.43 0.00
NEG_PENN_ALLEGHNY 23528	45.49 0.10 -3.34	41.85 0.12 -3.39	32.37 -0.01 -2.74	32.87 0.04 -1.79	34.65 0.07 -2.33	40.24 0.13 -3.50	44.17 0.38 -1.69	42.46 0.40 -0.22	46.43 0.32 -2.19	55.02 0.56 -5.24	46.75 0.66 -1.13	49.62 0.84 0.00	51.30 0.91 0.00	51.20 1.03 0.00	48.51 1.06 0.00	49.89 1.12 0.00	59.97 1.66 0.00	121.14 4.05 0.00	52.31 1.91 0.00	52.81 1.48 0.00	59.74 1.11 -2.65	59.16 0.73 -2.41	67.81 0.57 -6.36	66.24 0.36 -8.76
NEG___GEN_MONROE 24207	43.33 1.29 0.00	39.41 1.06 0.00	30.21 0.56 0.00	31.80 0.76 0.00	33.24 0.99 0.00	37.77 1.16 0.00	43.89 1.78 0.00	43.50 1.66 0.00	45.47 1.55 0.00	51.88 2.66 0.00	47.67 2.71 0.00	51.35 2.57 0.00	52.74 2.35 0.00	52.61 2.44 0.00	50.08 2.63 0.00	51.68 2.92 0.00	61.28 2.97 0.00	123.72 6.63 0.00	53.18 2.78 0.00	53.53 2.20 0.00	57.67 1.68 0.00	57.52 1.49 0.00	62.64 1.76 0.00	58.97 1.84 0.00
NEPA___ENERGY 23901	41.86 -0.18 0.00	38.10 -0.24 0.00	28.95 -0.69 0.00	30.66 -0.38 0.00	32.10 -0.15 0.00	36.50 -0.10 0.00	42.63 0.53 0.00	42.34 0.50 0.00	44.26 0.34 0.00	50.41 1.18 0.00	46.52 1.57 0.00	50.65 1.87 0.00	52.26 1.87 0.00	52.18 2.01 0.00	49.40 1.95 0.00	50.87 2.11 0.00	61.04 2.73 0.00	123.52 6.43 0.00	52.88 2.48 0.00	52.54 1.22 0.00	56.40 0.42 0.00	56.09 0.06 0.00	61.01 0.13 0.00	57.07 -0.06 0.00
NEVERSINK___HYD 23608	42.55 0.50 0.00	38.77 0.42 0.00	30.06 0.41 0.00	31.42 0.39 0.00	32.57 0.32 0.00	36.98 0.37 0.00	42.63 0.52 0.00	42.67 0.83 0.00	44.71 0.79 0.00	49.94 0.71 0.00	45.69 0.74 0.00	49.79 1.01 0.00	51.78 1.39 0.00	51.76 1.60 0.00	49.11 1.66 0.00	50.50 1.74 0.00	60.91 2.60 0.00	123.74 6.66 0.00	53.65 3.25 0.00	54.19 2.86 0.00	58.32 2.33 0.00	57.96 1.93 0.00	62.43 1.55 0.00	58.52 1.40 0.00
NEWKRMKL_115KV_TB1 55635	42.45 0.40 0.00	38.93 0.58 0.00	30.27 0.63 0.00	31.70 0.66 0.00	32.87 0.61 0.00	37.02 0.41 0.00	42.15 0.04 0.00	41.89 0.05 0.00	44.10 0.18 0.00	49.15 -0.08 0.00	44.56 -0.39 0.00	48.37 -0.41 0.00	50.14 -0.25 0.00	49.81 -0.36 0.00	47.23 -0.21 0.00	48.42 -0.35 0.00	57.82 -0.50 0.00	116.82 -0.27 0.00	50.68 0.28 0.00	51.68 0.36 0.00	56.24 0.25 0.00	56.16 0.13 0.00	60.75 -0.13 0.00	57.01 -0.12 0.00
NEWTON___FALLS_HYD 23847	42.50 0.45 0.00	38.85 0.51 0.00	29.92 0.28 0.00	31.12 0.08 0.00	32.45 0.19 0.00	37.10 0.49 0.00	42.92 0.81 0.00	42.81 0.96 0.00	44.87 0.95 0.00	49.86 0.64 0.00	45.12 0.16 0.00	48.40 -0.39 0.00	49.85 -0.54 0.00	49.39 -0.77 0.00	46.18 -1.26 0.00	47.26 -1.50 0.00	56.64 -1.67 0.00	115.38 -1.71 0.00	50.01 -0.38 0.00	51.17 -0.15 0.00	55.97 -0.01 0.00	56.24 0.20 0.00	61.87 0.99 0.00	58.21 1.08 0.00
NGRID_A1_DSASP 323792	41.73 -0.32 0.00	37.91 -0.44 0.00	29.06 -0.58 0.00	30.77 -0.27 0.00	32.14 -0.11 0.00	36.47 -0.14 0.00	42.32 0.21 0.00	41.50 -0.35 0.00	43.49 -0.44 0.00	50.06 0.83 0.00	45.96 1.00 0.00	49.44 0.66 0.00	50.70 0.31 0.00	50.59 0.43 0.00	48.02 0.58 0.00	49.54 0.78 0.00	58.31 0.00 0.00	117.82 0.73 0.00	50.37 -0.03 0.00	50.36 -0.96 0.00	54.33 -1.65 0.00	54.45 -1.58 0.00	59.86 -1.02 0.00	56.60 -0.53 0.00
NGRID_A2_DSASP 323793	41.73 -0.32 0.00	37.91 -0.44 0.00	29.06 -0.58 0.00	30.77 -0.27 0.00	32.14 -0.11 0.00	36.47 -0.14 0.00	42.32 0.21 0.00	41.50 -0.35 0.00	43.49 -0.44 0.00	50.06 0.83 0.00	45.96 1.00 0.00	49.44 0.66 0.00	50.70 0.31 0.00	50.59 0.43 0.00	48.02 0.58 0.00	49.54 0.78 0.00	58.31 0.00 0.00	117.82 0.73 0.00	50.37 -0.03 0.00	50.36 -0.96 0.00	54.33 -1.65 0.00	54.45 -1.58 0.00	59.86 -1.02 0.00	56.60 -0.53 0.00
NGRID_A4_DSASP 323807	41.73 -0.32 0.00	37.91 -0.44 0.00	29.06 -0.58 0.00	30.77 -0.27 0.00	32.14 -0.11 0.00	36.47 -0.14 0.00	42.32 0.21 0.00	41.50 -0.35 0.00	43.49 -0.44 0.00	50.06 0.83 0.00	45.96 1.00 0.00	49.44 0.66 0.00	50.70 0.31 0.00	50.59 0.43 0.00	48.02 0.58 0.00	49.54 0.78 0.00	58.31 0.00 0.00	117.82 0.73 0.00	50.37 -0.03 0.00	50.36 -0.96 0.00	54.33 -1.65 0.00	54.45 -1.58 0.00	59.86 -1.02 0.00	56.60 -0.53 0.00
NIAGARA_115E_LBMP 323715	35.60 -0.47 5.98	31.73 -0.55 6.06	23.95 -0.79 4.90	27.34 -0.49 3.21	27.74 -0.35 4.17	29.96 -0.37 6.27	39.26 0.17 3.02	41.22 -0.24 0.39	39.41 -0.59 3.92	40.43 0.59 9.38	43.67 0.74 2.03	49.33 0.56 0.00	50.50 0.12 0.00	50.41 0.25 0.00	47.89 0.45 0.00	49.41 0.65 0.00	58.15 -0.16 0.00	117.62 0.53 0.00	50.28 -0.12 0.00	50.26 -1.06 0.00	49.51 -1.74 4.73	50.05 -1.69 4.30	48.39 -1.12 11.36	40.77 -0.71 15.64
NIAGARA_115W_LBMP 323714	35.42 -0.40 6.22	31.53 -0.52 6.30	23.91 -0.64 5.09	27.38 -0.32 3.33	27.76 -0.16 4.33	29.88 -0.21 6.52	39.09 0.11 3.14	40.99 -0.44 0.40	39.31 -0.54 4.07	40.14 0.67 9.75	43.64 0.80 2.11	49.38 0.60 0.00	50.56 0.17 0.00	50.47 0.30 0.00	47.92 0.47 0.00	49.44 0.68 0.00	58.17 -0.14 0.00	117.61 0.52 0.00	50.25 -0.15 0.00	50.25 -1.07 0.00	49.32 -1.75 4.91	49.93 -1.64 4.46	48.00 -1.07 11.80	40.30 -0.58 16.24
NIAGARA_230_LBMP 323716	35.64 -0.17 6.24	31.72 -0.29 6.33	24.03 -0.49 5.12	27.46 -0.23 3.35	27.84 -0.06 4.35	29.97 -0.09 6.55	39.29 0.33 3.15	41.30 -0.13 0.41	39.62 -0.21 4.09	40.47 1.03 9.79	43.91 1.08 2.12	49.71 0.93 0.00	50.92 0.53 0.00	50.80 0.63 0.00	48.23 0.79 0.00	49.76 0.99 0.00	58.68 0.37 0.00	118.66 1.57 0.00	50.72 0.33 0.00	50.72 -0.60 0.00	49.81 -1.24 4.93	50.37 -1.18 4.48	48.45 -0.58 11.85	40.63 -0.18 16.31
NIAGARA___115KV_198_GIBSON 55903	41.65 -0.40 0.00	37.83 -0.52 0.00	29.00 -0.64 0.00	30.71 -0.33 0.00	32.08 -0.17 0.00	36.40 -0.20 0.00	42.24 0.13 0.00	41.41 -0.43 0.00	43.40 -0.52 0.00	49.94 0.71 0.00	45.87 0.91 0.00	49.34 0.56 0.00	50.58 0.19 0.00	50.49 0.32 0.00	47.92 0.48 0.00	49.44 0.68 0.00	58.17 -0.14 0.00	117.56 0.47 0.00	50.25 -0.15 0.00	50.26 -1.06 0.00	54.21 -1.77 0.00	54.34 -1.69 0.00	59.74 -1.14 0.00	56.48 -0.64 0.00
NIAGARA____ 23760	35.81 -0.17 6.07	31.90 -0.29 6.15	24.18 -0.49 4.97	27.56 -0.23 3.24	27.97 -0.06 4.21	30.18 -0.09 6.34	39.39 0.33 3.06	41.31 -0.13 0.40	39.69 -0.21 4.02	40.63 1.03 9.62	43.95 1.08 2.08	49.71 0.93 0.00	50.92 0.53 0.00	50.80 0.63 0.00	48.23 0.79 0.00	49.76 0.99 0.00	58.68 0.37 0.00	118.66 1.57 0.00	50.72 0.33 0.00	50.72 -0.60 0.00	49.87 -1.24 4.88	50.43 -1.18 4.42	48.64 -0.58 11.66	41.05 -0.18 15.90

NINE_MILE_1 23575	41.00 -1.05 0.00	37.38 -0.96 0.00	28.86 -0.78 0.00	30.24 -0.80 0.00	31.44 -0.81 0.00	35.71 -0.90 0.00	41.09 -1.02 0.00	40.68 -1.16 0.00	42.70 -1.22 0.00	48.00 -1.23 0.00	43.82 -1.13 0.00	47.51 -1.28 0.00	49.04 -1.35 0.00	48.90 -1.27 0.00	46.31 -1.14 0.00	47.64 -1.12 0.00	57.01 -1.30 0.00	114.85 -2.24 0.00	49.51 -0.89 0.00	50.21 -1.11 0.00	54.57 -1.41 0.00	54.51 -1.52 0.00	59.15 -1.72 0.00	55.49 -1.64 0.00
NINE_MILE_2 23744	41.00 -1.05 0.00	37.39 -0.96 0.00	28.86 -0.78 0.00	30.24 -0.80 0.00	31.44 -0.81 0.00	35.71 -0.89 0.00	41.09 -1.01 0.00	40.68 -1.16 0.00	42.70 -1.22 0.00	48.00 -1.23 0.00	43.82 -1.13 0.00	47.51 -1.28 0.00	49.04 -1.35 0.00	48.90 -1.27 0.00	46.31 -1.14 0.00	47.64 -1.12 0.00	57.01 -1.30 0.00	114.85 -2.24 0.00	49.51 -0.89 0.00	50.21 -1.11 0.00	54.57 -1.41 0.00	54.51 -1.52 0.00	59.15 -1.72 0.00	55.49 -1.64 0.00
NM_CAPITAL___DRP 24208	42.59 0.55 0.00	39.09 0.74 0.00	30.41 0.77 0.00	31.84 0.80 0.00	33.00 0.75 0.00	37.13 0.52 0.00	42.19 0.08 0.00	41.90 0.06 0.00	44.14 0.22 0.00	49.23 0.01 0.00	44.56 -0.39 0.00	48.31 -0.47 0.00	50.12 -0.27 0.00	49.75 -0.41 0.00	47.18 -0.26 0.00	48.36 -0.40 0.00	57.63 -0.68 0.00	116.36 -0.73 0.00	50.56 0.17 0.00	51.66 0.34 0.00	56.26 0.28 0.00	56.21 0.18 0.00	60.83 -0.05 0.00	57.09 -0.03 0.00
NM_CENTRAL___DRP 24181	41.82 -0.23 0.00	38.12 -0.23 0.00	29.39 -0.25 0.00	30.79 -0.25 0.00	32.03 -0.23 0.00	36.41 -0.19 0.00	41.99 -0.12 0.00	41.62 -0.22 0.00	43.70 -0.22 0.00	49.20 -0.02 0.00	44.94 -0.01 0.00	48.71 -0.07 0.00	50.30 -0.09 0.00	50.23 0.06 0.00	47.59 0.15 0.00	49.00 0.24 0.00	58.68 0.37 0.00	118.40 1.31 0.00	51.07 0.67 0.00	51.70 0.38 0.00	56.07 0.08 0.00	55.90 -0.14 0.00	60.59 -0.29 0.00	56.77 -0.36 0.00
NM_FRONTIER___DRP 24179	41.65 -0.40 0.00	37.83 -0.52 0.00	29.00 -0.64 0.00	30.71 -0.33 0.00	32.08 -0.17 0.00	36.40 -0.20 0.00	42.24 0.13 0.00	41.41 -0.43 0.00	43.40 -0.52 0.00	49.94 0.71 0.00	45.87 0.91 0.00	49.34 0.56 0.00	50.58 0.19 0.00	50.49 0.32 0.00	47.92 0.48 0.00	49.44 0.68 0.00	58.17 -0.14 0.00	117.56 0.47 0.00	50.25 -0.15 0.00	50.26 -1.06 0.00	54.21 -1.77 0.00	54.34 -1.69 0.00	59.74 -1.14 0.00	56.48 -0.64 0.00
NM_ST_REGIS___HYD 24053	42.76 0.72 0.00	38.87 0.52 0.00	29.91 0.27 0.00	31.36 0.32 0.00	32.57 0.32 0.00	37.10 0.50 0.00	42.89 0.78 0.00	42.69 0.85 0.00	44.90 0.98 0.00	50.03 0.81 0.00	45.60 0.65 0.00	49.22 0.44 0.00	50.71 0.33 0.00	50.34 0.17 0.00	47.59 0.14 0.00	48.98 0.22 0.00	58.54 0.23 0.00	117.17 0.08 0.00	50.25 -0.15 0.00	51.76 0.44 0.00	56.78 0.80 0.00	56.76 0.73 0.00	62.11 1.23 0.00	58.17 1.04 0.00
NORTHPORT___1 23551	43.37 1.32 0.00	39.36 1.01 0.00	30.62 0.98 0.00	31.90 0.87 0.00	32.90 0.65 0.00	37.44 0.83 0.00	43.02 0.92 0.00	43.08 1.24 0.00	45.23 1.30 0.00	50.57 1.35 0.00	46.56 1.61 0.00	51.07 2.29 0.00	52.63 2.24 0.00	53.65 2.60 -0.89	49.72 2.28 0.00	50.59 1.83 0.00	61.14 2.82 0.00	123.41 6.32 0.00	53.54 3.14 0.00	53.94 2.62 0.00	57.86 1.88 0.00	57.46 1.43 0.00	61.94 1.06 0.00	58.50 1.37 0.00
NORTHPORT___2 23552	43.37 1.32 0.00	39.36 1.01 0.00	30.62 0.98 0.00	31.90 0.87 0.00	32.90 0.65 0.00	37.44 0.83 0.00	43.02 0.92 0.00	43.08 1.24 0.00	45.23 1.30 0.00	50.57 1.35 0.00	46.56 1.61 0.00	51.07 2.29 0.00	52.63 2.24 0.00	53.65 2.60 -0.89	49.72 2.28 0.00	50.59 1.83 0.00	61.14 2.82 0.00	123.41 6.32 0.00	53.54 3.14 0.00	53.94 2.62 0.00	57.86 1.88 0.00	57.46 1.43 0.00	61.94 1.06 0.00	58.50 1.37 0.00
NORTHPORT___3 23553	43.35 1.30 0.00	39.35 1.00 0.00	30.61 0.97 0.00	31.89 0.86 0.00	32.89 0.64 0.00	37.43 0.83 0.00	43.02 0.92 0.00	43.08 1.24 0.00	45.22 1.30 0.00	50.57 1.34 0.00	46.57 1.61 0.00	51.07 2.29 0.00	52.61 2.22 0.00	53.59 2.54 -0.89	49.68 2.24 0.00	50.59 1.83 0.00	61.15 2.83 0.00	123.45 6.36 0.00	53.55 3.15 0.00	53.94 2.62 0.00	57.87 1.89 0.00	57.48 1.45 0.00	61.96 1.09 0.00	58.50 1.37 0.00
NORTHPORT___4 23650	43.35 1.30 0.00	39.35 1.00 0.00	30.61 0.97 0.00	31.89 0.86 0.00	32.89 0.64 0.00	37.43 0.83 0.00	43.02 0.92 0.00	43.08 1.24 0.00	45.22 1.30 0.00	50.57 1.34 0.00	46.57 1.61 0.00	51.07 2.29 0.00	52.61 2.22 0.00	53.59 2.54 -0.89	49.68 2.24 0.00	50.59 1.83 0.00	61.15 2.83 0.00	123.45 6.36 0.00	53.55 3.15 0.00	53.94 2.62 0.00	57.87 1.89 0.00	57.48 1.45 0.00	61.96 1.09 0.00	58.50 1.37 0.00
NORTHPORT___IC 23718	43.37 1.32 0.00	39.36 1.01 0.00	30.62 0.98 0.00	31.90 0.87 0.00	32.91 0.65 0.00	37.44 0.83 0.00	43.02 0.91 0.00	43.07 1.23 0.00	45.22 1.30 0.00	50.57 1.34 0.00	46.54 1.59 0.00	51.09 2.31 0.00	52.65 2.26 0.00	53.63 2.57 -0.89	49.72 2.28 0.00	50.59 1.83 0.00	61.13 2.82 0.00	123.45 6.36 0.00	53.54 3.14 0.00	53.94 2.62 0.00	57.87 1.88 0.00	57.49 1.46 0.00	62.03 1.16 0.00	58.57 1.44 0.00
NORTH___COUNTRY_ESR 323785	42.10 0.05 0.00	38.24 -0.10 0.00	29.43 -0.21 0.00	30.87 -0.17 0.00	32.06 -0.19 0.00	36.47 -0.14 0.00	42.07 -0.03 0.00	41.84 0.00 0.00	43.99 0.07 0.00	49.25 0.03 0.00	45.00 0.05 0.00	48.64 -0.14 0.00	50.12 -0.26 0.00	49.81 -0.36 0.00	47.05 -0.40 0.00	48.36 -0.41 0.00	57.71 -0.60 0.00	115.39 -1.70 0.00	49.50 -0.90 0.00	50.74 -0.58 0.00	55.62 -0.36 0.00	55.68 -0.34 0.00	60.98 0.11 0.00	57.25 0.12 0.00
NPX_GEN_1385_PROXY 323591	43.16 1.30 0.18	39.50 1.16 0.00	30.74 1.09 0.00	32.02 0.98 0.00	32.90 0.65 0.00	37.51 0.90 0.00	42.93 0.83 0.00	42.98 1.14 0.00	45.12 1.20 0.00	50.45 1.22 0.00	46.26 1.31 0.00	50.61 1.83 0.00	52.12 1.73 0.00	53.06 2.00 -0.89	47.72 1.73 1.46	49.54 1.83 1.06	61.14 2.83 0.00	123.63 6.54 0.00	53.65 3.25 0.00	54.09 2.77 0.00	56.20 1.82 1.60	57.07 1.04 0.00	61.14 0.26 0.00	58.05 0.93 0.00
NPX_GEN_CSC 323557	43.66 1.80 0.18	39.50 1.16 0.00	30.88 1.24 0.00	32.15 1.11 0.00	33.11 0.86 0.00	37.67 1.07 0.00	43.17 1.06 0.00	42.98 1.14 0.00	45.23 1.31 0.00	50.62 1.39 0.00	46.20 1.25 0.00	50.96 2.18 0.00	52.50 2.11 0.00	53.98 2.93 -0.89	48.62 2.63 1.46	50.06 2.35 1.06	61.98 3.67 0.00	125.41 8.32 0.00	54.38 3.98 0.00	54.76 3.44 0.00	57.04 2.66 1.60	58.19 2.16 0.00	62.71 1.83 0.00	58.89 1.77 0.00
NSINS_S_GLNS_FALLS 23858	43.89 1.85 0.00	40.26 1.92 0.00	31.21 1.57 0.00	32.66 1.62 0.00	33.88 1.63 0.00	38.37 1.76 0.00	43.80 1.69 0.00	43.43 1.59 0.00	45.72 1.79 0.00	51.06 1.84 0.00	46.02 1.07 0.00	49.76 0.98 0.00	51.77 1.38 0.00	51.00 0.83 0.00	47.94 0.49 0.00	49.19 0.43 0.00	59.22 0.91 0.00	120.80 3.70 0.00	52.91 2.52 0.00	54.16 2.84 0.00	59.22 3.24 0.00	59.15 3.12 0.00	63.96 3.08 0.00	59.65 2.53 0.00

NUCOR_STEEL____DRP 24197	42.45 0.40 0.00	38.52 0.18 0.00	29.76 0.11 0.00	31.25 0.21 0.00	32.51 0.26 0.00	36.96 0.35 0.00	42.69 0.59 0.00	42.33 0.48 0.00	44.40 0.47 0.00	49.83 0.60 0.00	45.50 0.54 0.00	49.22 0.45 0.00	50.73 0.34 0.00	50.63 0.47 0.00	48.04 0.59 0.00	49.50 0.74 0.00	59.47 1.16 0.00	120.52 3.43 0.00	51.88 1.49 0.00	52.64 1.32 0.00	56.98 0.99 0.00	56.86 0.83 0.00	61.66 0.79 0.00	57.78 0.66 0.00
NUMBER_THREE_WT_PWR 323818	42.38 0.34 0.00	38.96 0.62 0.00	30.02 0.38 0.00	30.95 -0.09 0.00	32.32 0.07 0.00	37.06 0.45 0.00	43.09 0.98 0.00	43.20 1.36 0.00	45.25 1.33 0.00	50.21 0.99 0.00	45.13 0.18 0.00	48.11 -0.67 0.00	49.62 -0.77 0.00	49.45 -0.71 0.00	46.53 -0.92 0.00	47.87 -0.89 0.00	57.59 -0.72 0.00	118.54 1.46 0.00	51.65 1.25 0.00	52.41 1.09 0.00	56.67 0.69 0.00	56.80 0.76 0.00	62.10 1.23 0.00	58.45 1.32 0.00
NYISO_LBMP_REFERENCE 24008	42.05 0.00 0.00	38.34 0.00 0.00	29.64 0.00 0.00	31.04 0.00 0.00	32.25 0.00 0.00	36.60 0.00 0.00	42.11 0.00 0.00	41.84 0.00 0.00	43.92 0.00 0.00	49.22 0.00 0.00	44.95 0.00 0.00	48.78 0.00 0.00	50.39 0.00 0.00	50.17 0.00 0.00	47.45 0.00 0.00	48.77 0.00 0.00	58.31 0.00 0.00	117.09 0.00 0.00	50.40 0.00 0.00	51.32 0.00 0.00	55.98 0.00 0.00	56.03 0.00 0.00	60.88 0.00 0.00	57.13 0.00 0.00
NYPA_BRENTWD____GT 24164	43.98 1.93 0.00	39.84 1.50 0.00	30.99 1.35 0.00	32.29 1.26 0.00	33.31 1.06 0.00	37.91 1.30 0.00	43.64 1.53 0.00	43.71 1.87 0.00	45.92 2.00 0.00	51.42 2.20 0.00	47.19 2.24 0.00	51.88 3.10 0.00	53.51 3.13 0.00	54.68 3.62 -0.89	50.72 3.27 0.00	51.63 2.87 0.00	62.55 4.24 0.00	126.30 9.21 0.00	54.72 4.33 0.00	55.11 3.79 0.00	59.12 3.14 0.00	58.72 2.69 0.00	63.38 2.51 0.00	59.68 2.55 0.00
NYPA_GOWANUS____GT5 24156	43.18 1.13 0.00	39.33 0.99 0.00	30.61 0.97 0.00	31.91 0.88 0.00	33.03 0.77 0.00	37.49 0.88 0.00	43.26 1.15 0.00	43.40 1.56 0.00	45.55 1.62 0.00	50.85 1.62 0.00	46.60 1.65 0.00	50.86 2.08 0.00	52.84 2.45 0.00	52.70 2.53 0.00	49.92 2.48 0.00	51.26 2.50 0.00	61.69 3.38 0.00	124.67 7.58 0.00	54.17 3.77 0.00	54.58 3.26 0.00	58.54 2.55 0.00	58.34 2.31 0.00	63.01 2.14 0.00	59.44 2.31 0.00
NYPA_GOWANUS____GT6 24157	43.18 1.13 0.00	39.33 0.99 0.00	30.61 0.97 0.00	31.91 0.88 0.00	33.03 0.77 0.00	37.49 0.88 0.00	43.26 1.15 0.00	43.40 1.56 0.00	45.55 1.62 0.00	50.85 1.62 0.00	46.60 1.65 0.00	50.86 2.08 0.00	52.84 2.45 0.00	52.70 2.53 0.00	49.92 2.48 0.00	51.26 2.50 0.00	61.69 3.38 0.00	124.67 7.58 0.00	54.17 3.77 0.00	54.58 3.26 0.00	58.54 2.55 0.00	58.34 2.31 0.00	63.01 2.14 0.00	59.44 2.31 0.00
NYPA_HARLEM__RVR__GT1 24160	42.98 0.93 0.00	39.16 0.82 0.00	30.53 0.89 0.00	31.80 0.76 0.00	32.87 0.62 0.00	37.34 0.74 0.00	43.11 1.00 0.00	43.22 1.38 0.00	45.36 1.44 0.00	50.64 1.42 0.00	46.35 1.40 0.00	50.58 1.80 0.00	52.44 2.05 0.00	52.39 2.22 0.00	49.51 2.08 0.01	50.89 2.13 0.01	61.28 2.98 0.01	123.87 6.78 0.00	53.76 3.37 0.00	54.20 2.88 0.01	58.18 2.21 0.01	58.02 2.01 0.02	62.60 1.73 0.00	59.00 1.88 0.00
NYPA_HARLEM__RVR__GT2 24161	42.98 0.93 0.00	39.16 0.82 0.00	30.53 0.89 0.00	31.80 0.76 0.00	32.87 0.62 0.00	37.34 0.74 0.00	43.11 1.00 0.00	43.22 1.38 0.00	45.36 1.44 0.00	50.64 1.42 0.00	46.35 1.40 0.00	50.58 1.80 0.00	52.44 2.05 0.00	52.39 2.22 0.00	49.51 2.08 0.01	50.89 2.13 0.01	61.28 2.98 0.01	123.87 6.78 0.00	53.76 3.37 0.00	54.20 2.88 0.01	58.18 2.21 0.01	58.02 2.01 0.02	62.60 1.73 0.00	59.00 1.88 0.00
NYPA_KENT____GT 24152	43.15 1.10 0.00	39.31 0.96 0.00	30.60 0.96 0.00	31.90 0.86 0.00	33.01 0.76 0.00	37.47 0.87 0.00	43.23 1.12 0.00	43.38 1.54 0.00	45.54 1.62 0.00	50.82 1.60 0.00	46.57 1.62 0.00	50.81 2.03 0.00	52.76 2.37 0.00	52.60 2.43 0.00	49.82 2.38 0.00	51.19 2.43 0.00	61.61 3.30 0.00	124.43 7.34 0.00	54.06 3.66 0.00	54.47 3.15 0.00	58.41 2.43 0.00	58.22 2.19 0.00	62.88 2.01 0.00	59.29 2.16 0.00
NYPA_POUCH1____GT 24155	43.04 0.99 0.00	39.21 0.86 0.00	30.51 0.87 0.00	31.81 0.78 0.00	32.92 0.67 0.00	37.37 0.76 0.00	43.12 1.01 0.00	43.24 1.40 0.00	45.36 1.43 0.00	50.63 1.41 0.00	46.38 1.43 0.00	50.70 1.93 0.00	52.67 2.28 0.00	52.54 2.37 0.00	49.78 2.33 0.00	51.13 2.36 0.00	61.47 3.16 0.00	124.32 7.23 0.00	54.06 3.66 0.00	54.45 3.13 0.00	58.40 2.42 0.00	58.22 2.19 0.00	62.85 1.97 0.00	-44.84 2.20 104.17
NYPA_VERNON____GT2 24162	43.10 1.05 0.00	39.28 0.93 0.00	30.59 0.95 0.00	31.88 0.84 0.00	32.98 0.73 0.00	37.45 0.85 0.00	43.21 1.10 0.00	43.37 1.53 0.00	45.53 1.60 0.00	50.80 1.58 0.00	46.54 1.59 0.00	50.80 2.02 0.00	52.71 2.33 0.00	52.55 2.39 0.00	49.77 2.32 0.00	51.17 2.41 0.00	61.57 3.26 0.00	124.28 7.19 0.00	53.98 3.59 0.00	54.39 3.06 0.00	58.33 2.34 0.00	58.12 2.09 0.00	62.76 1.89 0.00	59.14 2.01 0.00
NYPA_VERNON____GT3 24163	43.10 1.05 0.00	39.28 0.93 0.00	30.59 0.95 0.00	31.88 0.84 0.00	32.98 0.73 0.00	37.45 0.85 0.00	43.21 1.10 0.00	43.37 1.53 0.00	45.53 1.60 0.00	50.80 1.58 0.00	46.54 1.59 0.00	50.80 2.02 0.00	52.71 2.33 0.00	52.55 2.39 0.00	49.77 2.32 0.00	51.17 2.41 0.00	61.57 3.26 0.00	124.28 7.19 0.00	53.98 3.59 0.00	54.39 3.06 0.00	58.33 2.34 0.00	58.12 2.09 0.00	62.76 1.89 0.00	59.14 2.01 0.00
NYPA__ASTORIA_CC1 323568	43.05 1.00 0.00	39.22 0.88 0.00	30.55 0.91 0.00	31.84 0.80 0.00	32.94 0.69 0.00	37.40 0.79 0.00	43.15 1.04 0.00	43.31 1.47 0.00	45.46 1.54 0.00	50.73 1.50 0.00	46.49 1.54 0.00	50.73 1.95 0.00	52.63 2.24 0.00	52.49 2.32 0.00	49.72 2.27 0.00	51.11 2.34 0.00	61.49 3.18 0.00	124.13 7.04 0.00	53.91 3.52 0.00	54.32 3.00 0.00	58.26 2.28 0.00	58.06 2.03 0.00	62.68 1.81 0.00	59.05 1.92 0.00
NYPA__ASTORIA_CC2 323569	43.05 1.00 0.00	39.22 0.88 0.00	30.55 0.91 0.00	31.84 0.80 0.00	32.94 0.69 0.00	37.40 0.79 0.00	43.15 1.04 0.00	43.31 1.47 0.00	45.46 1.54 0.00	50.73 1.50 0.00	46.49 1.54 0.00	50.73 1.95 0.00	52.63 2.24 0.00	52.49 2.32 0.00	49.72 2.27 0.00	51.11 2.34 0.00	61.49 3.18 0.00	124.13 7.04 0.00	53.91 3.52 0.00	54.32 3.00 0.00	58.26 2.28 0.00	58.06 2.03 0.00	62.68 1.81 0.00	59.05 1.92 0.00
NYPA__HOLTSVILL 23794	43.68 1.63 0.00	39.54 1.19 0.00	30.81 1.16 0.00	32.08 1.04 0.00	33.08 0.83 0.00	37.63 1.02 0.00	43.27 1.16 0.00	43.28 1.44 0.00	45.51 1.58 0.00	50.94 1.72 0.00	46.70 1.75 0.00	51.38 2.60 0.00	52.96 2.57 0.00	54.17 3.12 -0.89	50.20 2.75 0.00	51.21 2.45 0.00	61.99 3.68 0.00	125.25 8.16 0.00	54.31 3.91 0.00	54.70 3.38 0.00	58.69 2.71 0.00	58.26 2.23 0.00	62.82 1.94 0.00	59.14 2.02 0.00

NYPA_____HELLGATE_GT1 24158	42.98 0.93 0.00	39.16 0.82 0.00	30.53 0.89 0.00	31.80 0.76 0.00	32.87 0.62 0.00	37.34 0.74 0.00	43.11 1.00 0.00	43.22 1.38 0.00	45.36 1.44 0.00	50.64 1.42 0.00	46.35 1.40 0.00	50.58 1.80 0.00	52.44 2.05 0.00	52.39 2.22 0.00	49.57 2.12 0.00	50.94 2.18 0.00	61.34 3.03 0.00	123.95 6.86 0.00	53.81 3.41 0.00	54.23 2.91 0.00	58.24 2.26 0.00	58.09 2.06 0.00	62.65 1.78 0.00	59.06 1.93 0.00
NYPA_____HELLGATE_GT2 24159	42.98 0.93 0.00	39.16 0.82 0.00	30.53 0.89 0.00	31.80 0.76 0.00	32.87 0.62 0.00	37.34 0.74 0.00	43.11 1.00 0.00	43.22 1.38 0.00	45.36 1.44 0.00	50.64 1.42 0.00	46.35 1.40 0.00	50.58 1.80 0.00	52.44 2.05 0.00	52.39 2.22 0.00	49.57 2.12 0.00	50.94 2.18 0.00	61.34 3.03 0.00	123.95 6.86 0.00	53.81 3.41 0.00	54.23 2.91 0.00	58.24 2.26 0.00	58.09 2.06 0.00	62.65 1.78 0.00	59.06 1.93 0.00
NYS_BARGE___HYD 23848	36.64 0.13 5.54	32.70 -0.03 5.61	24.73 -0.37 4.54	28.00 -0.07 2.97	28.50 0.10 3.86	30.94 0.15 5.81	40.06 0.74 2.79	41.78 0.30 0.36	40.30 0.00 3.63	41.83 1.29 8.68	44.43 1.35 1.88	49.99 1.21 0.00	51.20 0.81 0.00	51.12 0.96 0.00	48.60 1.15 0.00	50.18 1.42 0.00	59.20 0.89 0.00	119.81 2.73 0.00	51.24 0.84 0.00	51.25 -0.08 0.00	50.91 -0.70 4.38	51.33 -0.72 3.98	50.22 -0.14 10.52	42.80 0.15 14.47
OAK ORCHARD___HYD 24046	39.64 0.70 3.11	35.70 0.50 3.15	27.27 0.18 2.55	29.70 0.33 1.67	30.54 0.46 2.17	33.90 0.56 3.26	41.57 1.03 1.57	42.47 0.83 0.20	42.79 0.89 2.03	46.33 1.96 4.86	45.76 1.86 1.05	50.56 1.78 0.00	52.07 1.68 0.00	52.05 1.89 0.00	49.43 1.98 0.00	50.98 2.22 0.00	60.59 2.28 0.00	122.40 5.30 0.00	52.52 2.12 0.00	52.82 1.50 0.00	54.59 1.08 2.46	54.68 0.89 2.24	56.11 1.15 5.92	50.07 1.09 8.15
OAKDALE___35_KV_LOAD 356122	41.99 -0.06 0.00	38.32 -0.03 0.00	29.51 -0.13 0.00	30.94 -0.09 0.00	32.19 -0.06 0.00	36.57 -0.04 0.00	42.27 0.16 0.00	42.05 0.21 0.00	44.05 0.13 0.00	49.54 0.31 0.00	45.39 0.43 0.00	49.35 0.57 0.00	51.03 0.64 0.00	50.94 0.77 0.00	48.25 0.80 0.00	49.59 0.83 0.00	59.59 1.27 0.00	120.35 3.26 0.00	51.97 1.57 0.00	52.47 1.15 0.00	56.75 0.77 0.00	56.43 0.40 0.00	61.11 0.23 0.00	57.20 0.07 0.00
OCC_CHEM___DRP 24175	41.73 -0.32 0.00	37.91 -0.44 0.00	29.06 -0.58 0.00	30.77 -0.27 0.00	32.14 -0.11 0.00	36.47 -0.14 0.00	42.32 0.21 0.00	41.50 -0.35 0.00	43.49 -0.44 0.00	50.06 0.83 0.00	45.96 1.00 0.00	49.44 0.66 0.00	50.70 0.31 0.00	50.59 0.43 0.00	48.02 0.58 0.00	49.54 0.78 0.00	58.31 0.00 0.00	117.82 0.73 0.00	50.37 -0.03 0.00	50.36 -0.96 0.00	54.33 -1.65 0.00	54.45 -1.58 0.00	59.86 -1.02 0.00	56.60 -0.53 0.00
OH_GEN_PROXY 24063	34.92 -0.18 6.95	31.20 -0.29 6.86	23.60 -0.49 5.55	27.16 -0.25 3.63	27.45 -0.09 4.71	29.40 -0.11 7.09	39.01 0.32 3.41	41.30 -0.10 0.44	39.32 -0.17 4.43	39.67 1.05 10.61	43.77 1.12 2.30	49.77 0.99 0.00	50.99 0.60 0.00	50.87 0.70 0.00	46.82 0.83 1.46	48.74 1.03 1.06	58.81 0.50 0.00	118.95 1.86 0.00	50.85 0.46 0.00	50.85 -0.47 0.00	47.91 -1.11 6.96	50.07 -1.09 4.87	47.44 -0.55 12.88	39.18 -0.22 17.72
OLIN_CORP_DRP 24177	41.67 -0.37 0.00	37.87 -0.48 0.00	28.94 -0.71 0.00	30.61 -0.42 0.00	31.97 -0.28 0.00	36.32 -0.28 0.00	42.37 0.26 0.00	41.66 -0.18 0.00	43.44 -0.48 0.00	49.97 0.75 0.00	45.91 0.96 0.00	49.39 0.61 0.00	50.63 0.24 0.00	50.55 0.38 0.00	48.00 0.55 0.00	49.53 0.76 0.00	58.28 -0.03 0.00	117.81 0.72 0.00	50.38 -0.02 0.00	50.37 -0.95 0.00	54.35 -1.63 0.00	54.41 -1.63 0.00	59.82 -1.06 0.00	56.51 -0.61 0.00
OLIN_CORP_DSASP 323712	41.73 -0.32 0.00	37.91 -0.44 0.00	29.06 -0.58 0.00	30.77 -0.27 0.00	32.14 -0.11 0.00	36.47 -0.14 0.00	42.32 0.21 0.00	41.50 -0.35 0.00	43.49 -0.44 0.00	50.06 0.83 0.00	45.96 1.00 0.00	49.44 0.66 0.00	50.70 0.31 0.00	50.59 0.43 0.00	48.02 0.58 0.00	49.54 0.78 0.00	58.31 0.00 0.00	117.82 0.73 0.00	50.37 -0.03 0.00	50.36 -0.96 0.00	54.33 -1.65 0.00	54.45 -1.58 0.00	59.86 -1.02 0.00	56.60 -0.53 0.00
ONEIDA_HERK_LFGE 323681	42.69 0.65 0.00	39.07 0.72 0.00	30.15 0.50 0.00	31.35 0.31 0.00	32.66 0.41 0.00	37.25 0.64 0.00	43.12 1.01 0.00	43.02 1.18 0.00	45.11 1.19 0.00	50.32 1.09 0.00	45.63 0.68 0.00	49.16 0.38 0.00	50.61 0.22 0.00	50.37 0.20 0.00	47.56 0.12 0.00	48.98 0.22 0.00	58.80 0.49 0.00	119.95 2.86 0.00	52.12 1.72 0.00	52.91 1.59 0.00	57.36 1.38 0.00	57.31 1.28 0.00	62.31 1.44 0.00	58.42 1.30 0.00
ONEIDA___115KV_TB4 55905	42.96 0.91 0.00	39.20 0.85 0.00	30.24 0.60 0.00	31.61 0.57 0.00	32.89 0.64 0.00	37.44 0.84 0.00	43.29 1.18 0.00	43.07 1.23 0.00	45.18 1.26 0.00	50.60 1.38 0.00	46.13 1.18 0.00	49.90 1.13 0.00	51.27 0.89 0.00	51.04 0.88 0.00	48.31 0.86 0.00	49.81 1.04 0.00	59.77 1.46 0.00	121.33 4.24 0.00	52.73 2.33 0.00	53.60 2.28 0.00	58.10 2.12 0.00	57.91 1.88 0.00	62.70 1.82 0.00	58.65 1.53 0.00
ONONDAGA_REF_OCCRA 23987	42.04 -0.01 0.00	38.32 -0.02 0.00	29.55 -0.09 0.00	30.96 -0.08 0.00	32.20 -0.05 0.00	36.62 0.01 0.00	42.24 0.13 0.00	41.90 0.06 0.00	43.98 0.06 0.00	49.49 0.27 0.00	45.21 0.26 0.00	49.02 0.24 0.00	50.57 0.18 0.00	50.48 0.32 0.00	47.84 0.39 0.00	49.27 0.50 0.00	59.07 0.75 0.00	119.31 2.22 0.00	51.48 1.08 0.00	52.14 0.82 0.00	56.53 0.55 0.00	56.34 0.30 0.00	61.03 0.16 0.00	57.16 0.03 0.00
ONONDAGA___COGEN 23986	41.98 -0.07 0.00	38.24 -0.11 0.00	29.51 -0.13 0.00	30.92 -0.12 0.00	32.15 -0.10 0.00	36.56 -0.05 0.00	42.18 0.08 0.00	41.82 -0.03 0.00	43.89 -0.03 0.00	49.36 0.14 0.00	45.08 0.13 0.00	48.84 0.06 0.00	50.40 0.01 0.00	50.30 0.13 0.00	47.67 0.23 0.00	49.14 0.37 0.00	58.89 0.58 0.00	118.91 1.82 0.00	51.29 0.90 0.00	51.97 0.65 0.00	56.37 0.39 0.00	56.18 0.15 0.00	60.91 0.03 0.00	57.05 -0.07 0.00
ONTARIO___LFGE 23819	42.44 0.39 0.00	38.66 0.31 0.00	29.59 -0.06 0.00	31.12 0.08 0.00	32.45 0.20 0.00	36.96 0.36 0.00	42.96 0.85 0.00	42.64 0.80 0.00	44.66 0.74 0.00	50.53 1.31 0.00	46.35 1.40 0.00	50.28 1.50 0.00	51.85 1.47 0.00	51.86 1.69 0.00	49.08 1.63 0.00	50.53 1.77 0.00	60.71 2.40 0.00	123.17 6.08 0.00	53.16 2.76 0.00	53.57 2.25 0.00	57.82 1.84 0.00	57.34 1.31 0.00	62.18 1.30 0.00	58.22 1.09 0.00
ORANGEVILLE_WT_PWR 323706	38.97 -0.27 2.81	35.02 -0.48 2.85	26.46 -0.88 2.31	28.97 -0.56 1.51	29.97 -0.32 1.96	33.41 -0.25 2.95	40.98 0.29 1.42	41.79 0.13 0.18	42.06 -0.02 1.84	45.98 1.17 4.41	45.30 1.30 0.95	50.09 1.31 0.00	51.65 1.26 0.00	51.55 1.38 0.00	48.81 1.36 0.00	50.14 1.37 0.00	59.70 1.39 0.00	121.54 4.45 0.00	52.09 1.70 0.00	52.12 0.79 0.00	54.06 0.29 2.22	53.80 -0.22 2.02	55.76 0.22 5.33	50.12 0.32 7.33

ORANGEVILLE___ESR 323794	38.97 -0.27 2.81	35.02 -0.48 2.85	26.46 -0.88 2.31	28.97 -0.56 1.51	29.97 -0.32 1.96	33.41 -0.25 2.95	40.98 0.29 1.42	41.79 0.13 0.18	42.06 -0.02 1.84	45.98 1.17 4.41	45.30 1.30 0.95	50.09 1.31 0.00	51.65 1.26 0.00	51.55 1.38 0.00	48.81 1.36 0.00	50.14 1.37 0.00	59.70 1.39 0.00	121.54 4.45 0.00	52.09 1.70 0.00	52.12 0.79 0.00	54.06 0.29 2.22	53.80 -0.22 2.02	55.76 0.22 5.33	50.12 0.32 7.33
OSWEGATCHIE___HYD 24044	42.50 0.45 0.00	38.85 0.51 0.00	29.92 0.28 0.00	31.12 0.08 0.00	32.45 0.20 0.00	37.10 0.49 0.00	42.92 0.81 0.00	42.81 0.96 0.00	44.87 0.95 0.00	49.86 0.63 0.00	45.12 0.17 0.00	48.38 -0.40 0.00	49.85 -0.54 0.00	49.39 -0.77 0.00	46.18 -1.26 0.00	47.27 -1.50 0.00	56.64 -1.67 0.00	115.38 -1.71 0.00	50.01 -0.38 0.00	51.17 -0.15 0.00	55.97 -0.01 0.00	56.24 0.20 0.00	61.87 0.99 0.00	58.21 1.08 0.00
OSWEGO___5 23606	41.29 -0.76 0.00	37.65 -0.69 0.00	29.06 -0.58 0.00	30.45 -0.59 0.00	31.66 -0.60 0.00	35.96 -0.64 0.00	41.40 -0.70 0.00	41.02 -0.82 0.00	43.06 -0.87 0.00	48.40 -0.83 0.00	44.18 -0.77 0.00	47.90 -0.88 0.00	49.46 -0.93 0.00	49.32 -0.85 0.00	46.71 -0.74 0.00	48.05 -0.71 0.00	57.51 -0.80 0.00	115.95 -1.14 0.00	49.97 -0.43 0.00	50.68 -0.65 0.00	55.05 -0.93 0.00	54.97 -1.07 0.00	59.66 -1.21 0.00	55.95 -1.18 0.00
OSWEGO___6 23613	41.29 -0.76 0.00	37.65 -0.69 0.00	29.06 -0.58 0.00	30.45 -0.59 0.00	31.66 -0.60 0.00	35.96 -0.64 0.00	41.40 -0.70 0.00	41.02 -0.82 0.00	43.06 -0.87 0.00	48.40 -0.83 0.00	44.18 -0.77 0.00	47.90 -0.88 0.00	49.46 -0.93 0.00	49.32 -0.85 0.00	46.71 -0.74 0.00	48.05 -0.71 0.00	57.51 -0.80 0.00	115.95 -1.14 0.00	49.97 -0.43 0.00	50.68 -0.65 0.00	55.05 -0.93 0.00	54.97 -1.07 0.00	59.66 -1.21 0.00	55.95 -1.18 0.00
OUTOKUMPU-AB___DRP 24206	42.57 0.52 0.00	38.63 0.28 0.00	29.53 -0.11 0.00	31.25 0.21 0.00	32.65 0.40 0.00	37.10 0.49 0.00	43.19 1.08 0.00	42.45 0.61 0.00	44.46 0.54 0.00	51.16 1.94 0.00	47.01 2.06 0.00	50.64 1.86 0.00	51.95 1.56 0.00	51.92 1.75 0.00	49.34 1.89 0.00	50.92 2.15 0.00	60.08 1.77 0.00	121.55 4.46 0.00	51.93 1.53 0.00	51.92 0.60 0.00	55.96 -0.03 0.00	55.93 -0.10 0.00	61.43 0.55 0.00	57.93 0.80 0.00
OXBOW___BTM 323836	35.95 0.08 6.17	31.99 -0.10 6.26	24.22 -0.37 5.06	27.68 -0.05 3.31	28.08 0.12 4.30	30.28 0.14 6.47	39.60 0.61 3.11	41.56 0.11 0.40	39.90 0.02 4.04	40.87 1.33 9.68	44.28 1.42 2.09	50.08 1.30 0.00	51.30 0.91 0.00	51.25 1.08 0.00	48.71 1.26 0.00	50.27 1.51 0.00	59.23 0.92 0.00	119.83 2.74 0.00	51.18 0.78 0.00	51.15 -0.17 0.00	50.29 -0.81 4.88	50.83 -0.77 4.43	49.01 -0.15 11.72	41.19 0.19 16.13
OXBOW___ 24026	42.13 0.08 0.00	38.25 -0.10 0.00	29.27 -0.37 0.00	30.98 -0.05 0.00	32.38 0.12 0.00	36.76 0.15 0.00	42.73 0.62 0.00	41.96 0.12 0.00	43.96 0.04 0.00	50.59 1.36 0.00	46.48 1.53 0.00	50.04 1.26 0.00	51.32 0.93 0.00	51.27 1.10 0.00	48.72 1.27 0.00	50.27 1.51 0.00	59.23 0.92 0.00	119.76 2.68 0.00	51.18 0.78 0.00	51.16 -0.16 0.00	55.16 -0.82 0.00	55.21 -0.82 0.00	60.66 -0.22 0.00	57.24 0.11 0.00
OXY_CHEM_DSASP 323612	41.73 -0.32 0.00	37.91 -0.44 0.00	29.06 -0.58 0.00	30.77 -0.27 0.00	32.14 -0.11 0.00	36.47 -0.14 0.00	42.32 0.21 0.00	41.50 -0.35 0.00	43.49 -0.44 0.00	50.06 0.83 0.00	45.96 1.00 0.00	49.44 0.66 0.00	50.70 0.31 0.00	50.59 0.43 0.00	48.02 0.58 0.00	49.54 0.78 0.00	58.31 0.00 0.00	117.82 0.73 0.00	50.37 -0.03 0.00	50.36 -0.96 0.00	54.33 -1.65 0.00	54.45 -1.58 0.00	59.86 -1.02 0.00	56.60 -0.53 0.00
OZONE_PARK_ESR 323760	43.54 1.49 0.00	39.66 1.31 0.00	30.83 1.19 0.00	32.17 1.13 0.00	33.30 1.04 0.00	37.79 1.19 0.00	43.59 1.48 0.00	43.77 1.93 0.00	45.93 2.01 0.00	51.31 2.09 0.00	47.01 2.06 0.00	51.41 2.63 0.00	53.37 2.98 0.00	53.22 3.05 0.00	50.43 2.99 0.00	51.87 3.11 0.00	62.52 4.21 0.00	126.25 9.16 0.00	54.84 4.44 0.00	55.27 3.95 0.00	59.29 3.31 0.00	59.05 3.02 0.00	63.79 2.91 0.00	60.00 2.87 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	41.73 -0.32 0.00	37.91 -0.44 0.00	29.06 -0.58 0.00	30.77 -0.27 0.00	32.14 -0.11 0.00	36.47 -0.14 0.00	42.32 0.21 0.00	41.50 -0.35 0.00	43.49 -0.44 0.00	50.06 0.83 0.00	45.96 1.00 0.00	49.44 0.66 0.00	50.70 0.31 0.00	50.59 0.43 0.00	48.02 0.58 0.00	49.54 0.78 0.00	58.31 0.00 0.00	117.82 0.73 0.00	50.37 -0.03 0.00	50.36 -0.96 0.00	54.33 -1.65 0.00	54.45 -1.58 0.00	59.86 -1.02 0.00	56.60 -0.53 0.00
PACKARD___115KV_DUPONT_184 80571	35.51 -0.32 6.22	31.61 -0.44 6.30	23.97 -0.58 5.09	27.44 -0.27 3.33	27.82 -0.11 4.33	29.95 -0.14 6.52	39.18 0.20 3.14	41.08 -0.36 0.40	39.39 -0.46 4.07	40.26 0.79 9.75	43.74 0.90 2.11	49.49 0.71 0.00	50.68 0.29 0.00	50.58 0.41 0.00	48.02 0.58 0.00	49.54 0.78 0.00	58.31 0.00 0.00	117.88 0.79 0.00	50.37 -0.03 0.00	50.35 -0.97 0.00	49.44 -1.62 4.91	50.05 -1.52 4.46	48.16 -0.92 11.80	40.44 -0.45 16.24
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	43.09 1.04 0.00	39.27 0.92 0.00	30.59 0.95 0.00	31.86 0.82 0.00	32.95 0.70 0.00	37.45 0.84 0.00	43.20 1.09 0.00	43.29 1.45 0.00	45.43 1.50 0.00	50.69 1.47 0.00	46.41 1.46 0.00	50.67 1.89 0.00	52.57 2.19 0.00	52.55 2.38 0.00	49.71 2.26 0.00	51.09 2.33 0.00	61.54 3.23 0.00	124.28 7.20 0.00	53.97 3.57 0.00	54.39 3.07 0.00	58.45 2.46 0.00	58.28 2.25 0.00	62.84 1.96 0.00	59.21 2.08 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	43.90 1.85 0.00	40.11 1.77 0.00	31.24 1.60 0.00	32.48 1.45 0.00	33.62 1.36 0.00	38.25 1.65 0.00	44.16 2.05 0.00	44.19 2.35 0.00	46.38 2.46 0.00	51.76 2.54 0.00	47.43 2.48 0.00	51.71 2.93 0.00	53.61 3.22 0.00	53.65 3.48 0.00	50.74 3.29 0.00	52.21 3.45 0.00	62.95 4.64 0.00	127.11 10.02 0.00	55.17 4.77 0.00	55.57 4.25 0.00	59.76 3.78 0.00	59.61 3.58 0.00	64.30 3.42 0.00	60.51 3.38 0.00
PATROON___115KV_TB1 80586	42.62 0.57 0.00	39.08 0.73 0.00	30.39 0.74 0.00	31.81 0.77 0.00	32.99 0.73 0.00	37.15 0.54 0.00	42.29 0.18 0.00	42.03 0.19 0.00	44.26 0.34 0.00	49.34 0.12 0.00	44.74 -0.21 0.00	48.56 -0.22 0.00	50.34 -0.05 0.00	49.99 -0.17 0.00	47.43 -0.02 0.00	48.61 -0.15 0.00	58.05 -0.26 0.00	117.29 0.20 0.00	50.89 0.50 0.00	51.89 0.57 0.00	56.47 0.49 0.00	56.39 0.36 0.00	60.98 0.11 0.00	57.23 0.10 0.00
PATTRSNVILLE___SOLAR 323815	43.12 1.07 0.00	39.33 0.99 0.00	30.43 0.78 0.00	31.84 0.80 0.00	33.09 0.84 0.00	37.54 0.94 0.00	43.20 1.10 0.00	42.95 1.11 0.00	44.96 1.03 0.00	50.09 0.87 0.00	45.60 0.64 0.00	49.57 0.80 0.00	51.18 0.79 0.00	50.90 0.73 0.00	47.79 0.35 0.00	49.07 0.31 0.00	58.72 0.41 0.00	119.31 2.23 0.00	52.09 1.69 0.00	53.06 1.74 0.00	57.77 1.79 0.00	57.75 1.72 0.00	62.58 1.70 0.00	58.68 1.56 0.00

PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	42.88 0.84 0.00	38.91 0.56 0.00	29.77 0.13 0.00	31.48 0.44 0.00	32.88 0.62 0.00	37.32 0.72 0.00	43.43 1.32 0.00	42.76 0.92 0.00	44.97 1.05 0.00	51.79 2.57 0.00	47.43 2.48 0.00	51.12 2.34 0.00	52.54 2.16 0.00	52.45 2.29 0.00	49.84 2.39 0.00	51.47 2.71 0.00	60.97 2.66 0.00	123.29 6.20 0.00	52.67 2.28 0.00	52.62 1.30 0.00	56.98 1.00 0.00	56.91 0.88 0.00	62.41 1.53 0.00	58.70 1.58 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	43.26 1.21 0.00	39.44 1.10 0.00	30.63 0.98 0.00	31.99 0.96 0.00	33.13 0.88 0.00	37.59 0.99 0.00	43.29 1.18 0.00	43.39 1.54 0.00	45.53 1.61 0.00	50.91 1.69 0.00	46.56 1.60 0.00	50.88 2.10 0.00	52.87 2.48 0.00	52.77 2.60 0.00	50.05 2.61 0.00	51.50 2.73 0.00	62.09 3.78 0.00	125.58 8.49 0.00	54.48 4.08 0.00	54.97 3.65 0.00	59.10 3.12 0.00	58.77 2.75 0.00	63.33 2.46 0.00	59.46 2.33 0.00
PEEKSKILL____ 23653	42.85 0.80 0.00	39.06 0.72 0.00	30.35 0.71 0.00	31.70 0.66 0.00	32.82 0.56 0.00	37.22 0.61 0.00	42.87 0.76 0.00	42.97 1.13 0.00	45.06 1.14 0.00	50.33 1.11 0.00	46.08 1.13 0.00	50.37 1.60 0.00	52.34 1.95 0.00	52.20 2.04 0.00	49.48 2.04 0.00	50.88 2.11 0.00	61.34 3.03 0.00	123.95 6.86 0.00	53.83 3.43 0.00	54.31 2.99 0.00	58.32 2.33 0.00	58.01 1.98 0.00	62.51 1.63 0.00	58.76 1.64 0.00
PGE MADISON____WINDPWR 24146	43.07 1.02 0.00	39.61 1.26 0.00	30.57 0.92 0.00	32.20 1.17 0.00	33.44 1.19 0.00	38.21 1.61 0.00	44.54 2.44 0.00	44.57 2.73 0.00	46.82 2.89 0.00	52.62 3.40 0.00	47.40 2.45 0.00	51.96 3.18 0.00	53.35 2.97 0.00	53.20 3.04 0.00	50.43 2.98 0.00	51.78 3.01 0.00	62.16 3.85 0.00	130.19 13.10 0.00	56.68 6.28 0.00	57.54 6.22 0.00	62.14 6.15 0.00	61.51 5.48 0.00	66.26 5.39 0.00	61.63 4.51 0.00
PIERCEFIELD____HYD 23852	42.57 0.52 0.00	38.79 0.45 0.00	29.89 0.24 0.00	31.22 0.18 0.00	32.51 0.26 0.00	37.11 0.50 0.00	42.79 0.68 0.00	42.58 0.74 0.00	44.66 0.73 0.00	49.70 0.48 0.00	45.17 0.22 0.00	48.68 -0.10 0.00	50.09 -0.29 0.00	49.51 -0.66 0.00	46.13 -1.32 0.00	47.07 -1.70 0.00	55.95 -2.36 0.00	112.32 -4.77 0.00	48.24 -2.16 0.00	49.80 -1.52 0.00	55.18 -0.80 0.00	55.62 -0.41 0.00	61.62 0.74 0.00	57.99 0.86 0.00
PINELAWN_CC_1 323563	43.72 1.67 0.00	39.65 1.30 0.00	30.82 1.18 0.00	32.11 1.07 0.00	33.15 0.90 0.00	37.73 1.12 0.00	43.44 1.33 0.00	43.55 1.71 0.00	45.73 1.81 0.00	51.20 1.98 0.00	46.96 2.01 0.00	51.57 2.79 0.00	53.28 2.90 0.00	54.29 3.24 -0.89	50.45 3.00 0.00	51.62 2.85 0.00	62.51 4.20 0.00	126.29 9.20 0.00	54.74 4.35 0.00	55.15 3.83 0.00	59.18 3.20 0.00	58.75 2.72 0.00	63.38 2.51 0.00	59.62 2.49 0.00
PJM_GEN_HTP_PROXY 323702	43.05 1.00 0.00	34.43 0.88 4.79	30.51 0.87 0.00	31.85 0.81 0.00	32.95 0.70 0.00	37.38 0.78 0.00	43.10 0.99 0.00	43.26 1.42 0.00	45.41 1.49 0.00	50.73 1.50 0.00	46.47 1.52 0.00	50.80 2.02 0.00	52.74 2.35 0.00	52.99 2.40 -0.43	49.78 2.34 0.01	51.19 2.43 0.00	61.69 3.38 0.00	124.49 7.40 0.00	54.08 3.68 0.00	54.51 3.18 0.00	58.46 2.48 0.00	58.19 2.16 0.00	62.82 1.94 0.00	57.97 1.99 1.14
PJM_GEN_KEYSTONE 24065	34.31 -0.03 7.71	26.16 -0.05 12.14	23.18 -0.14 6.32	26.81 -0.09 4.13	26.82 -0.06 5.37	28.47 -0.05 8.08	38.43 0.21 3.89	41.73 0.39 0.50	39.13 0.26 5.05	37.67 0.53 12.09	42.24 0.69 3.40	49.85 1.07 0.00	51.59 1.20 0.00	51.96 1.37 -0.43	48.79 1.35 0.01	50.14 1.43 0.06	60.35 2.04 0.00	122.01 4.93 0.00	52.73 2.33 0.00	53.15 1.63 -0.19	55.46 0.84 1.36	55.16 0.40 1.27	37.29 0.13 23.71	28.63 0.14 28.64
PJM_GEN_NEPTUNE_PROXY 323594	43.21 1.16 0.00	34.44 0.89 4.79	30.50 0.86 0.00	31.79 0.75 0.00	32.83 0.58 0.00	37.34 0.74 0.00	42.97 0.87 0.00	43.07 1.22 0.00	45.23 1.31 0.00	50.59 1.37 0.00	46.47 1.52 0.00	50.90 2.13 0.00	52.64 2.25 0.00	54.03 2.55 -1.32	49.80 2.36 0.01	51.02 2.25 0.00	61.68 3.37 0.00	124.32 7.23 0.00	53.94 3.54 0.00	54.38 3.06 0.00	58.38 2.40 0.00	58.03 2.00 0.00	62.58 1.70 0.00	57.78 1.80 1.14
PJM_GEN_VFT_PROXY 323633	42.92 0.87 0.00	34.29 0.74 4.79	30.42 0.78 0.00	31.75 0.72 0.00	32.83 0.58 0.00	37.24 0.64 0.00	42.94 0.83 0.00	43.10 1.26 0.00	45.23 1.31 0.00	50.49 1.27 0.00	46.25 1.30 0.00	50.58 1.80 0.00	52.53 2.14 0.00	52.83 2.23 -0.43	49.67 2.24 0.01	51.08 2.32 0.00	61.54 3.23 0.00	124.07 6.98 0.00	53.98 3.58 0.00	54.42 3.09 0.00	58.27 2.29 0.00	57.94 1.91 0.00	62.16 1.59 0.30	-46.55 1.73 105.40
PLATSBURG_115KV_PMLD1 355749	42.66 0.61 0.00	38.63 0.29 0.00	29.71 0.07 0.00	31.12 0.08 0.00	32.39 0.14 0.00	36.89 0.29 0.00	42.60 0.49 0.00	42.37 0.53 0.00	44.56 0.64 0.00	49.88 0.66 0.00	45.61 0.65 0.00	49.54 0.76 0.00	51.03 0.65 0.00	50.55 0.39 0.00	47.66 0.21 0.00	48.70 -0.07 0.00	58.27 -0.04 0.00	116.73 -0.36 0.00	50.15 -0.25 0.00	51.27 -0.05 0.00	56.17 0.19 0.00	56.43 0.40 0.00	62.11 1.23 0.00	58.54 1.42 0.00
PLEASANTVLY____LBMP 24000	42.68 0.63 0.00	38.94 0.60 0.00	30.28 0.64 0.00	31.63 0.59 0.00	32.75 0.49 0.00	37.11 0.51 0.00	42.66 0.55 0.00	42.69 0.85 0.00	44.79 0.87 0.00	50.04 0.82 0.00	45.76 0.80 0.00	49.97 1.19 0.00	51.88 1.49 0.00	51.70 1.54 0.00	49.00 1.55 0.00	50.36 1.60 0.00	60.68 2.37 0.00	122.53 5.44 0.00	53.18 2.79 0.00	53.72 2.40 0.00	57.82 1.84 0.00	57.60 1.57 0.00	62.15 1.28 0.00	58.44 1.31 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	42.99 0.95 0.00	39.21 0.86 0.00	30.47 0.83 0.00	31.82 0.78 0.00	32.92 0.67 0.00	37.36 0.75 0.00	43.02 0.91 0.00	43.11 1.27 0.00	45.24 1.32 0.00	50.55 1.33 0.00	46.27 1.31 0.00	50.70 1.92 0.00	52.68 2.30 0.00	52.55 2.39 0.00	49.77 2.33 0.00	51.21 2.44 0.00	61.74 3.43 0.00	124.67 7.58 0.00	54.11 3.71 0.00	54.59 3.27 0.00	58.58 2.60 0.00	58.24 2.21 0.00	62.79 1.92 0.00	59.05 1.92 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	42.99 0.95 0.00	39.21 0.86 0.00	30.47 0.83 0.00	31.82 0.78 0.00	32.92 0.67 0.00	37.36 0.75 0.00	43.02 0.91 0.00	43.11 1.27 0.00	45.24 1.32 0.00	50.55 1.33 0.00	46.27 1.31 0.00	50.70 1.92 0.00	52.68 2.30 0.00	52.55 2.39 0.00	49.77 2.33 0.00	51.21 2.44 0.00	61.74 3.43 0.00	124.67 7.58 0.00	54.11 3.71 0.00	54.59 3.27 0.00	58.58 2.60 0.00	58.24 2.21 0.00	62.79 1.92 0.00	59.05 1.92 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	43.10 1.05 0.00	39.33 0.98 0.00	30.56 0.91 0.00	31.91 0.88 0.00	33.07 0.81 0.00	37.47 0.86 0.00	43.05 0.94 0.00	43.07 1.23 0.00	45.21 1.28 0.00	50.51 1.28 0.00	46.11 1.15 0.00	50.34 1.56 0.00	52.29 1.90 0.00	52.16 1.99 0.00	49.46 2.02 0.00	50.89 2.13 0.00	61.29 2.98 0.00	123.95 6.86 0.00	53.82 3.43 0.00	54.40 3.08 0.00	58.61 2.62 0.00	58.33 2.30 0.00	62.91 2.04 0.00	59.04 1.91 0.00

POLETTI____ 23519	43.09 1.04 0.00	39.25 0.91 0.00	30.56 0.91 0.00	31.88 0.85 0.00	32.98 0.72 0.00	37.41 0.81 0.00	43.14 1.03 0.00	43.29 1.45 0.00	45.44 1.52 0.00	50.74 1.52 0.00	46.47 1.52 0.00	50.81 2.04 0.00	52.74 2.36 0.00	52.51 2.34 0.00	49.70 2.25 0.00	51.11 2.34 0.00	61.55 3.24 0.00	124.25 7.16 0.00	53.96 3.57 0.00	54.40 3.08 0.00	58.36 2.38 0.00	58.18 2.15 0.00	62.88 2.01 0.00	59.18 2.05 0.00
POMONA____ESR 323819	42.86 0.81 0.00	39.09 0.74 0.00	30.34 0.70 0.00	31.72 0.68 0.00	32.82 0.57 0.00	37.23 0.63 0.00	42.89 0.78 0.00	42.99 1.15 0.00	45.06 1.14 0.00	50.31 1.09 0.00	46.09 1.14 0.00	50.42 1.64 0.00	52.44 2.05 0.00	52.34 2.18 0.00	49.63 2.19 0.00	51.07 2.31 0.00	61.62 3.31 0.00	124.52 7.43 0.00	54.07 3.67 0.00	54.53 3.21 0.00	58.52 2.53 0.00	58.15 2.12 0.00	62.58 1.70 0.00	58.84 1.72 0.00
PORT_JEFF_3 23555	43.68 1.63 0.00	39.52 1.17 0.00	30.79 1.15 0.00	32.07 1.03 0.00	33.06 0.81 0.00	37.62 1.02 0.00	43.26 1.15 0.00	43.28 1.44 0.00	45.52 1.59 0.00	50.97 1.75 0.00	46.70 1.75 0.00	51.42 2.64 0.00	53.00 2.61 0.00	54.22 3.17 -0.89	50.15 2.70 0.00	51.07 2.30 0.00	61.72 3.40 0.00	124.70 7.62 0.00	54.07 3.67 0.00	54.48 3.16 0.00	58.54 2.56 0.00	58.17 2.14 0.00	62.82 1.95 0.00	59.18 2.06 0.00
PORT_JEFF_4 23616	43.68 1.63 0.00	39.52 1.17 0.00	30.79 1.15 0.00	32.07 1.03 0.00	33.06 0.81 0.00	37.62 1.02 0.00	43.26 1.15 0.00	43.28 1.44 0.00	45.52 1.59 0.00	50.97 1.75 0.00	46.70 1.75 0.00	51.42 2.64 0.00	53.00 2.61 0.00	54.22 3.17 -0.89	50.15 2.70 0.00	51.07 2.30 0.00	61.72 3.40 0.00	124.70 7.62 0.00	54.07 3.67 0.00	54.48 3.16 0.00	58.54 2.56 0.00	58.17 2.14 0.00	62.82 1.95 0.00	59.18 2.06 0.00
PORT_JEFF_IC 23713	43.76 1.72 0.00	39.59 1.24 0.00	30.84 1.20 0.00	32.12 1.08 0.00	33.12 0.87 0.00	37.68 1.08 0.00	43.34 1.23 0.00	43.35 1.51 0.00	45.58 1.66 0.00	51.06 1.84 0.00	46.75 1.80 0.00	51.54 2.76 0.00	53.13 2.74 0.00	54.35 3.29 -0.89	50.32 2.87 0.00	51.28 2.52 0.00	61.77 3.46 0.00	124.83 7.74 0.00	54.12 3.73 0.00	54.55 3.23 0.00	58.81 2.83 0.00	58.41 2.37 0.00	63.08 2.20 0.00	59.37 2.25 0.00
PPL PILGRIM_ST_GT1 24216	43.98 1.93 0.00	39.84 1.50 0.00	30.99 1.35 0.00	32.29 1.26 0.00	33.31 1.06 0.00	37.91 1.30 0.00	43.64 1.53 0.00	43.71 1.87 0.00	45.92 2.00 0.00	51.42 2.20 0.00	47.19 2.24 0.00	51.88 3.10 0.00	53.51 3.13 0.00	54.68 3.62 -0.89	50.72 3.27 0.00	51.63 2.87 0.00	62.55 4.24 0.00	126.30 9.21 0.00	54.72 4.33 0.00	55.11 3.79 0.00	59.12 3.14 0.00	58.72 2.69 0.00	63.38 2.51 0.00	59.68 2.55 0.00
PPL PILGRIM_ST_GT2 24217	43.98 1.93 0.00	39.84 1.50 0.00	30.99 1.35 0.00	32.29 1.26 0.00	33.31 1.06 0.00	37.91 1.30 0.00	43.64 1.53 0.00	43.71 1.87 0.00	45.92 2.00 0.00	51.42 2.20 0.00	47.19 2.24 0.00	51.88 3.10 0.00	53.51 3.13 0.00	54.68 3.62 -0.89	50.72 3.27 0.00	51.63 2.87 0.00	62.55 4.24 0.00	126.30 9.21 0.00	54.72 4.33 0.00	55.11 3.79 0.00	59.12 3.14 0.00	58.72 2.69 0.00	63.38 2.51 0.00	59.68 2.55 0.00
PPL_SHRM_GT3 24213	43.86 1.81 0.00	39.53 1.18 0.00	30.89 1.25 0.00	32.16 1.12 0.00	33.12 0.87 0.00	37.69 1.08 0.00	43.20 1.09 0.00	43.01 1.17 0.00	45.26 1.34 0.00	50.65 1.42 0.00	46.24 1.29 0.00	51.00 2.22 0.00	52.55 2.16 0.00	54.03 2.98 -0.89	50.11 2.67 0.00	51.15 2.38 0.00	62.08 3.77 0.00	125.63 8.54 0.00	54.46 4.06 0.00	54.85 3.53 0.00	58.70 2.72 0.00	58.23 2.20 0.00	62.77 1.89 0.00	58.95 1.82 0.00
PPL_SHRM_GT4 24214	43.86 1.81 0.00	39.53 1.18 0.00	30.89 1.25 0.00	32.16 1.12 0.00	33.12 0.87 0.00	37.69 1.08 0.00	43.20 1.09 0.00	43.01 1.17 0.00	45.26 1.34 0.00	50.65 1.42 0.00	46.24 1.29 0.00	51.00 2.22 0.00	52.55 2.16 0.00	54.03 2.98 -0.89	50.11 2.67 0.00	51.15 2.38 0.00	62.08 3.77 0.00	125.63 8.54 0.00	54.46 4.06 0.00	54.85 3.53 0.00	58.70 2.72 0.00	58.23 2.20 0.00	62.77 1.89 0.00	58.95 1.82 0.00
PROJECT____ORANGE 1 24174	41.83 -0.22 0.00	38.13 -0.21 0.00	29.41 -0.23 0.00	30.81 -0.23 0.00	32.04 -0.21 0.00	36.43 -0.17 0.00	42.01 -0.10 0.00	41.64 -0.20 0.00	43.72 -0.20 0.00	49.23 0.00 0.00	44.97 0.02 0.00	48.75 -0.03 0.00	50.35 -0.04 0.00	50.28 0.11 0.00	47.64 0.19 0.00	49.05 0.29 0.00	58.74 0.43 0.00	118.50 1.41 0.00	51.10 0.70 0.00	51.73 0.41 0.00	56.10 0.11 0.00	55.92 -0.11 0.00	60.62 -0.25 0.00	56.80 -0.33 0.00
PROJECT____ORANGE 2 24166	41.83 -0.22 0.00	38.13 -0.21 0.00	29.41 -0.23 0.00	30.81 -0.23 0.00	32.04 -0.21 0.00	36.43 -0.17 0.00	42.01 -0.10 0.00	41.64 -0.20 0.00	43.72 -0.20 0.00	49.23 0.00 0.00	44.97 0.02 0.00	48.75 -0.03 0.00	50.35 -0.04 0.00	50.28 0.11 0.00	47.64 0.19 0.00	49.05 0.29 0.00	58.74 0.43 0.00	118.50 1.41 0.00	51.10 0.70 0.00	51.73 0.41 0.00	56.10 0.11 0.00	55.92 -0.11 0.00	60.62 -0.25 0.00	56.80 -0.33 0.00
PUCKETT____SOLAR 323809	45.28 0.20 -3.03	41.69 0.28 -3.07	32.23 0.11 -2.48	32.85 0.19 -1.62	34.62 0.26 -2.11	40.11 0.33 -3.18	44.26 0.62 -1.53	42.72 0.68 -0.20	46.54 0.64 -1.99	54.77 0.80 -4.75	46.80 0.82 -1.03	49.92 1.14 0.00	51.41 1.02 0.00	51.29 1.13 0.00	48.62 1.17 0.00	49.90 1.13 0.00	59.98 1.67 0.00	122.09 5.01 0.00	52.96 2.56 0.00	53.61 2.29 0.00	60.36 1.98 -2.40	59.78 1.57 -2.18	68.06 1.41 -5.77	66.16 1.09 -7.94
PYRITES____HYD 24023	43.43 1.38 0.00	39.55 1.20 0.00	30.45 0.81 0.00	31.85 0.81 0.00	33.18 0.93 0.00	38.07 1.46 0.00	43.80 1.69 0.00	43.55 1.70 0.00	45.52 1.59 0.00	50.43 1.21 0.00	45.63 0.68 0.00	49.12 0.34 0.00	50.58 0.19 0.00	50.10 -0.07 0.00	46.80 -0.65 0.00	47.73 -1.03 0.00	56.93 -1.39 0.00	114.13 -2.96 0.00	48.98 -1.41 0.00	51.14 -0.19 0.00	56.80 0.82 0.00	57.11 1.08 0.00	63.16 2.28 0.00	59.17 2.05 0.00
QUAKERRD_115KV_BK1 80622	41.61 -0.44 0.00	37.81 -0.53 0.00	29.07 -0.57 0.00	30.57 -0.47 0.00	31.85 -0.40 0.00	36.21 -0.39 0.00	41.96 -0.15 0.00	41.48 -0.36 0.00	43.58 -0.35 0.00	49.60 0.38 0.00	45.40 0.45 0.00	49.06 0.28 0.00	50.57 0.18 0.00	50.53 0.36 0.00	47.93 0.49 0.00	49.45 0.68 0.00	58.83 0.52 0.00	118.80 1.71 0.00	51.01 0.61 0.00	51.38 0.06 0.00	55.53 -0.45 0.00	55.41 -0.62 0.00	60.33 -0.55 0.00	56.63 -0.50 0.00
QUENSBRY_115KV_TB8 356137	43.95 1.90 0.00	40.33 1.99 0.00	31.26 1.62 0.00	32.72 1.68 0.00	33.94 1.69 0.00	38.44 1.84 0.00	43.87 1.77 0.00	43.49 1.64 0.00	45.79 1.87 0.00	51.14 1.92 0.00	46.07 1.12 0.00	49.80 1.02 0.00	51.84 1.45 0.00	51.04 0.87 0.00	47.95 0.50 0.00	49.19 0.43 0.00	59.29 0.98 0.00	121.01 3.92 0.00	53.03 2.63 0.00	54.30 2.98 0.00	59.36 3.38 0.00	59.31 3.28 0.00	64.13 3.26 0.00	59.78 2.65 0.00

RAMAPO___LBMP 323565	42.69 0.64 0.00	38.93 0.59 0.00	30.22 0.58 0.00	31.58 0.54 0.00	32.70 0.44 0.00	37.08 0.48 0.00	42.71 0.60 0.00	42.80 0.96 0.00	44.86 0.93 0.00	50.07 0.84 0.00	45.83 0.88 0.00	50.16 1.38 0.00	52.16 1.77 0.00	52.04 1.88 0.00	49.33 1.89 0.00	50.74 1.98 0.00	61.23 2.92 0.00	123.74 6.65 0.00	53.75 3.35 0.00	54.23 2.91 0.00	58.20 2.22 0.00	57.87 1.84 0.00	62.27 1.39 0.00	58.57 1.45 0.00
RANKINE____ 23646	42.65 0.61 0.00	38.70 0.35 0.00	29.57 -0.07 0.00	31.28 0.24 0.00	32.71 0.45 0.00	37.15 0.54 0.00	43.27 1.17 0.00	42.64 0.79 0.00	44.73 0.81 0.00	51.45 2.23 0.00	47.23 2.28 0.00	50.96 2.18 0.00	52.35 1.96 0.00	52.23 2.07 0.00	49.62 2.17 0.00	51.18 2.42 0.00	60.62 2.31 0.00	122.70 5.61 0.00	52.45 2.05 0.00	52.35 1.03 0.00	56.51 0.53 0.00	56.44 0.41 0.00	61.89 1.02 0.00	58.29 1.16 0.00
RAVENSWOOD_GT2_1 24244	43.09 1.05 0.00	39.27 0.92 0.00	30.56 0.92 0.00	31.89 0.85 0.00	32.98 0.73 0.00	37.42 0.82 0.00	43.15 1.04 0.00	43.31 1.47 0.00	45.45 1.52 0.00	50.75 1.53 0.00	46.48 1.53 0.00	50.82 2.04 0.00	52.76 2.37 0.00	52.54 2.38 0.00	49.75 2.30 0.00	51.16 2.39 0.00	61.61 3.30 0.00	124.36 7.27 0.00	54.01 3.61 0.00	54.45 3.12 0.00	58.41 2.43 0.00	58.21 2.18 0.00	62.88 2.01 0.00	59.19 2.06 0.00
RAVENSWOOD_GT2_2 24245	43.09 1.05 0.00	39.27 0.92 0.00	30.56 0.92 0.00	31.89 0.85 0.00	32.98 0.73 0.00	37.42 0.82 0.00	43.15 1.04 0.00	43.31 1.47 0.00	45.45 1.52 0.00	50.75 1.53 0.00	46.48 1.53 0.00	50.82 2.04 0.00	52.76 2.37 0.00	52.54 2.38 0.00	49.75 2.30 0.00	51.16 2.39 0.00	61.61 3.30 0.00	124.36 7.27 0.00	54.01 3.61 0.00	54.45 3.12 0.00	58.41 2.43 0.00	58.21 2.18 0.00	62.88 2.01 0.00	59.19 2.06 0.00
RAVENSWOOD_GT2_3 24246	43.12 1.07 0.00	39.28 0.94 0.00	30.57 0.93 0.00	31.90 0.86 0.00	33.01 0.75 0.00	37.45 0.84 0.00	43.16 1.06 0.00	43.32 1.48 0.00	45.47 1.55 0.00	50.79 1.56 0.00	46.52 1.56 0.00	50.86 2.08 0.00	52.79 2.40 0.00	52.57 2.41 0.00	49.78 2.33 0.00	51.18 2.41 0.00	61.66 3.34 0.00	124.42 7.33 0.00	54.06 3.66 0.00	54.48 3.16 0.00	58.44 2.46 0.00	58.26 2.23 0.00	62.94 2.07 0.00	59.23 2.10 0.00
RAVENSWOOD_GT2_4 24247	43.12 1.07 0.00	39.28 0.94 0.00	30.57 0.93 0.00	31.90 0.86 0.00	33.01 0.75 0.00	37.45 0.84 0.00	43.16 1.06 0.00	43.32 1.48 0.00	45.47 1.55 0.00	50.79 1.56 0.00	46.52 1.56 0.00	50.86 2.08 0.00	52.79 2.40 0.00	52.57 2.41 0.00	49.78 2.33 0.00	51.18 2.41 0.00	61.66 3.34 0.00	124.42 7.33 0.00	54.06 3.66 0.00	54.48 3.16 0.00	58.44 2.46 0.00	58.26 2.23 0.00	62.94 2.07 0.00	59.23 2.10 0.00
RAVENSWOOD_GT3_1 24248	43.09 1.05 0.00	39.27 0.92 0.00	30.56 0.92 0.00	31.89 0.85 0.00	32.98 0.73 0.00	37.43 0.82 0.00	43.15 1.04 0.00	43.31 1.47 0.00	45.45 1.52 0.00	50.76 1.54 0.00	46.48 1.53 0.00	50.82 2.04 0.00	52.76 2.37 0.00	52.54 2.38 0.00	49.75 2.30 0.00	51.16 2.39 0.00	61.61 3.30 0.00	124.36 7.28 0.00	54.01 3.61 0.00	54.45 3.13 0.00	58.41 2.43 0.00	58.21 2.18 0.00	62.89 2.01 0.00	59.19 2.07 0.00
RAVENSWOOD_GT3_2 24249	43.09 1.05 0.00	39.27 0.92 0.00	30.56 0.92 0.00	31.89 0.85 0.00	32.98 0.73 0.00	37.43 0.82 0.00	43.15 1.04 0.00	43.31 1.47 0.00	45.45 1.52 0.00	50.76 1.54 0.00	46.48 1.53 0.00	50.82 2.04 0.00	52.76 2.37 0.00	52.54 2.38 0.00	49.75 2.30 0.00	51.16 2.39 0.00	61.61 3.30 0.00	124.36 7.28 0.00	54.01 3.61 0.00	54.45 3.13 0.00	58.41 2.43 0.00	58.21 2.18 0.00	62.89 2.01 0.00	59.19 2.07 0.00
RAVENSWOOD_GT3_3 24250	43.18 1.13 0.00	39.33 0.98 0.00	30.61 0.97 0.00	31.94 0.90 0.00	33.04 0.79 0.00	37.49 0.88 0.00	43.22 1.12 0.00	43.40 1.55 0.00	45.54 1.62 0.00	50.87 1.65 0.00	46.59 1.64 0.00	50.94 2.16 0.00	52.88 2.49 0.00	52.66 2.50 0.00	49.86 2.41 0.00	51.27 2.51 0.00	61.76 3.45 0.00	124.65 7.56 0.00	54.15 3.76 0.00	54.57 3.25 0.00	58.55 2.56 0.00	58.35 2.32 0.00	63.03 2.15 0.00	59.31 2.19 0.00
RAVENSWOOD_GT3_4 24251	43.18 1.13 0.00	39.33 0.98 0.00	30.61 0.97 0.00	31.94 0.90 0.00	33.04 0.79 0.00	37.49 0.88 0.00	43.22 1.12 0.00	43.40 1.55 0.00	45.54 1.62 0.00	50.87 1.65 0.00	46.59 1.64 0.00	50.94 2.16 0.00	52.88 2.49 0.00	52.66 2.50 0.00	49.86 2.41 0.00	51.27 2.51 0.00	61.76 3.45 0.00	124.65 7.56 0.00	54.15 3.76 0.00	54.57 3.25 0.00	58.55 2.56 0.00	58.35 2.32 0.00	63.03 2.15 0.00	59.31 2.19 0.00
RAVENSWOOD_GT_1 23729	43.10 1.05 0.00	39.28 0.93 0.00	30.59 0.95 0.00	31.88 0.84 0.00	32.98 0.73 0.00	37.45 0.85 0.00	43.20 1.10 0.00	43.36 1.52 0.00	45.52 1.59 0.00	50.78 1.56 0.00	46.51 1.56 0.00	50.79 2.01 0.00	52.71 2.32 0.00	52.56 2.39 0.00	49.77 2.32 0.00	51.17 2.41 0.00	61.57 3.26 0.00	124.28 7.19 0.00	53.98 3.59 0.00	54.38 3.06 0.00	58.33 2.35 0.00	58.15 2.12 0.00	62.78 1.91 0.00	59.15 2.03 0.00
RAVENSWOOD_GT_10 24258	43.09 1.05 0.00	39.27 0.92 0.00	30.56 0.92 0.00	31.89 0.85 0.00	32.98 0.73 0.00	37.43 0.82 0.00	43.15 1.04 0.00	43.31 1.47 0.00	45.45 1.52 0.00	50.77 1.54 0.00	46.48 1.53 0.00	50.83 2.06 0.00	52.76 2.38 0.00	52.55 2.38 0.00	49.75 2.31 0.00	51.16 2.39 0.00	61.62 3.31 0.00	124.36 7.28 0.00	54.02 3.62 0.00	54.45 3.13 0.00	58.42 2.44 0.00	58.22 2.19 0.00	62.90 2.03 0.00	59.20 2.07 0.00
RAVENSWOOD_GT_11 24259	43.09 1.05 0.00	39.27 0.92 0.00	30.56 0.92 0.00	31.89 0.85 0.00	32.98 0.73 0.00	37.43 0.82 0.00	43.15 1.04 0.00	43.31 1.47 0.00	45.45 1.52 0.00	50.77 1.54 0.00	46.48 1.53 0.00	50.83 2.06 0.00	52.76 2.38 0.00	52.55 2.38 0.00	49.75 2.31 0.00	51.16 2.39 0.00	61.62 3.31 0.00	124.36 7.28 0.00	54.02 3.62 0.00	54.45 3.13 0.00	58.42 2.44 0.00	58.22 2.19 0.00	62.90 2.03 0.00	59.20 2.07 0.00
RAVENSWOOD_GT_4 24252	43.09 1.04 0.00	39.26 0.91 0.00	30.56 0.92 0.00	31.88 0.84 0.00	32.98 0.72 0.00	37.42 0.82 0.00	43.16 1.05 0.00	43.31 1.47 0.00	45.46 1.54 0.00	50.74 1.52 0.00	46.48 1.53 0.00	50.80 2.02 0.00	52.72 2.33 0.00	52.52 2.36 0.00	49.73 2.29 0.00	51.14 2.38 0.00	61.58 3.27 0.00	124.27 7.18 0.00	53.99 3.59 0.00	54.40 3.08 0.00	58.37 2.39 0.00	58.17 2.14 0.00	62.83 1.95 0.00	59.15 2.03 0.00
RAVENSWOOD_GT_5 24254	43.09 1.04 0.00	39.26 0.91 0.00	30.56 0.92 0.00	31.88 0.84 0.00	32.98 0.72 0.00	37.42 0.82 0.00	43.16 1.05 0.00	43.31 1.47 0.00	45.46 1.54 0.00	50.74 1.52 0.00	46.48 1.53 0.00	50.80 2.02 0.00	52.72 2.33 0.00	52.52 2.36 0.00	49.73 2.29 0.00	51.14 2.38 0.00	61.58 3.27 0.00	124.27 7.18 0.00	53.99 3.59 0.00	54.40 3.08 0.00	58.37 2.39 0.00	58.17 2.14 0.00	62.83 1.95 0.00	59.15 2.03 0.00

RAVENSWOOD_GT_6 24253	43.09 1.04 0.00	39.26 0.91 0.00	30.56 0.92 0.00	31.88 0.84 0.00	32.98 0.72 0.00	37.42 0.82 0.00	43.16 1.05 0.00	43.31 1.47 0.00	45.46 1.54 0.00	50.74 1.52 0.00	46.48 1.53 0.00	50.80 2.02 0.00	52.72 2.33 0.00	52.52 2.36 0.00	49.73 2.29 0.00	51.14 2.38 0.00	61.58 3.27 0.00	124.27 7.18 0.00	53.99 3.59 0.00	54.40 3.08 0.00	58.37 2.39 0.00	58.17 2.14 0.00	62.83 1.95 0.00	59.15 2.03 0.00
RAVENSWOOD_GT_7 24255	43.09 1.04 0.00	39.26 0.91 0.00	30.56 0.92 0.00	31.88 0.84 0.00	32.98 0.72 0.00	37.42 0.82 0.00	43.16 1.05 0.00	43.31 1.47 0.00	45.46 1.54 0.00	50.74 1.52 0.00	46.48 1.53 0.00	50.80 2.02 0.00	52.72 2.33 0.00	52.52 2.36 0.00	49.73 2.29 0.00	51.14 2.38 0.00	61.58 3.27 0.00	124.27 7.18 0.00	53.99 3.59 0.00	54.40 3.08 0.00	58.37 2.39 0.00	58.17 2.14 0.00	62.83 1.95 0.00	59.15 2.03 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	43.09 1.05 0.00	39.27 0.92 0.00	30.56 0.92 0.00	31.89 0.85 0.00	32.98 0.73 0.00	37.43 0.82 0.00	43.15 1.04 0.00	43.31 1.47 0.00	45.45 1.52 0.00	50.77 1.54 0.00	46.48 1.53 0.00	50.83 2.06 0.00	52.76 2.38 0.00	52.55 2.38 0.00	49.75 2.31 0.00	51.16 2.39 0.00	61.62 3.31 0.00	124.36 7.28 0.00	54.02 3.62 0.00	54.45 3.13 0.00	58.42 2.44 0.00	58.22 2.19 0.00	62.90 2.03 0.00	59.20 2.07 0.00
RAVENSWOOD_GT_9 24257	43.09 1.05 0.00	39.27 0.92 0.00	30.56 0.92 0.00	31.89 0.85 0.00	32.98 0.73 0.00	37.43 0.82 0.00	43.15 1.04 0.00	43.31 1.47 0.00	45.45 1.52 0.00	50.77 1.54 0.00	46.48 1.53 0.00	50.83 2.06 0.00	52.76 2.38 0.00	52.55 2.38 0.00	49.75 2.31 0.00	51.16 2.39 0.00	61.62 3.31 0.00	124.36 7.28 0.00	54.02 3.62 0.00	54.45 3.13 0.00	58.42 2.44 0.00	58.22 2.19 0.00	62.90 2.03 0.00	59.20 2.07 0.00
RAVENSWOOD___1 23533	43.09 1.04 0.00	39.26 0.91 0.00	30.57 0.93 0.00	31.87 0.83 0.00	32.98 0.73 0.00	37.44 0.83 0.00	43.19 1.08 0.00	43.36 1.52 0.00	45.51 1.58 0.00	50.78 1.56 0.00	46.53 1.58 0.00	50.78 2.00 0.00	52.69 2.30 0.00	52.54 2.37 0.00	49.75 2.30 0.00	51.15 2.39 0.00	61.55 3.24 0.00	124.26 7.17 0.00	53.98 3.58 0.00	54.38 3.06 0.00	58.31 2.33 0.00	58.11 2.08 0.00	62.75 1.87 0.00	59.12 2.00 0.00
RAVENSWOOD___2 23534	43.00 0.96 0.00	39.18 0.84 0.00	30.52 0.87 0.00	31.81 0.77 0.00	32.91 0.66 0.00	37.36 0.76 0.00	43.10 0.99 0.00	43.27 1.43 0.00	45.40 1.48 0.00	50.57 1.34 0.00	46.32 1.37 0.00	50.48 1.70 0.00	52.33 1.94 0.00	52.18 2.01 0.00	49.42 1.98 0.00	50.87 2.11 0.00	61.16 2.85 0.00	123.35 6.27 0.00	53.60 3.20 0.00	54.01 2.69 0.00	57.91 1.93 0.00	57.72 1.69 0.00	62.33 1.45 0.00	58.88 1.75 0.00
RAVENSWOOD___3 23535	43.10 1.05 0.00	39.27 0.92 0.00	30.56 0.92 0.00	31.89 0.85 0.00	32.98 0.73 0.00	37.42 0.82 0.00	43.15 1.05 0.00	43.31 1.47 0.00	45.46 1.53 0.00	50.78 1.56 0.00	46.51 1.56 0.00	50.83 2.05 0.00	52.76 2.37 0.00	52.55 2.38 0.00	49.75 2.30 0.00	51.16 2.39 0.00	61.62 3.31 0.00	124.36 7.28 0.00	54.02 3.62 0.00	54.46 3.13 0.00	58.41 2.43 0.00	58.20 2.17 0.00	62.89 2.01 0.00	59.18 2.06 0.00
RAVENSWOOD___4 23820	43.08 1.04 0.00	39.25 0.90 0.00	30.57 0.93 0.00	31.87 0.83 0.00	32.96 0.71 0.00	37.42 0.82 0.00	43.18 1.07 0.00	43.33 1.49 0.00	45.50 1.58 0.00	50.76 1.54 0.00	46.51 1.56 0.00	50.76 1.98 0.00	52.68 2.29 0.00	52.52 2.35 0.00	49.74 2.30 0.00	51.14 2.38 0.00	61.54 3.23 0.00	124.21 7.12 0.00	53.95 3.56 0.00	54.36 3.04 0.00	58.31 2.33 0.00	58.10 2.07 0.00	62.74 1.86 0.00	59.10 1.98 0.00
RCPI_TRUST___DRP 24196	43.10 1.06 0.00	39.28 0.94 0.00	30.54 0.90 0.00	31.88 0.84 0.00	32.98 0.73 0.00	37.43 0.83 0.00	43.16 1.05 0.00	43.31 1.47 0.00	45.48 1.56 0.00	50.82 1.59 0.00	46.56 1.61 0.00	50.92 2.14 0.00	52.87 2.48 0.00	52.71 2.54 0.00	49.94 2.49 0.00	51.35 2.58 0.00	61.87 3.56 0.00	124.83 7.74 0.00	54.21 3.81 0.00	54.61 3.29 0.00	58.58 2.60 0.00	58.30 2.28 0.00	62.94 2.07 0.00	59.22 2.09 0.00
RED___ROCHESTER 323720	40.04 1.12 3.13	36.03 0.85 3.17	27.52 0.44 2.57	29.96 0.60 1.68	30.80 0.73 2.18	34.22 0.89 3.28	41.97 1.44 1.58	42.89 1.25 0.20	43.25 1.36 2.04	46.87 2.52 4.88	46.29 2.39 1.06	51.18 2.40 0.00	52.74 2.36 0.00	52.79 2.63 0.00	50.13 2.69 0.00	51.71 2.95 0.00	61.44 3.13 0.00	124.21 7.12 0.00	53.27 2.88 0.00	53.55 2.23 0.00	55.35 1.85 2.48	55.37 1.59 2.25	56.79 1.87 5.95	50.65 1.71 8.20
REGAN___SOLAR 323812	44.18 2.14 0.00	40.21 1.87 0.00	31.00 1.35 0.00	32.43 1.39 0.00	33.77 1.52 0.00	38.44 1.83 0.00	44.49 2.38 0.00	44.30 2.46 0.00	46.10 2.17 0.00	50.87 1.65 0.00	46.42 1.47 0.00	50.55 1.78 0.00	51.95 1.57 0.00	51.65 1.48 0.00	47.81 0.37 0.00	49.09 0.32 0.00	58.58 0.27 0.00	120.66 3.57 0.00	53.43 3.03 0.00	54.70 3.38 0.00	59.57 3.59 0.00	59.53 3.50 0.00	64.49 3.62 0.00	60.45 3.32 0.00
RENSSELAER___COGEN 23796	42.33 0.29 0.00	38.81 0.46 0.00	30.19 0.55 0.00	31.61 0.57 0.00	32.77 0.51 0.00	36.90 0.29 0.00	42.00 -0.11 0.00	41.74 -0.11 0.00	43.93 0.00 0.00	48.93 -0.29 0.00	44.35 -0.60 0.00	48.10 -0.68 0.00	49.89 -0.50 0.00	49.54 -0.63 0.00	46.95 -0.49 0.00	48.15 -0.62 0.00	57.43 -0.88 0.00	115.93 -1.16 0.00	50.35 -0.04 0.00	51.37 0.05 0.00	55.92 -0.06 0.00	55.87 -0.16 0.00	60.44 -0.43 0.00	56.77 -0.36 0.00
REPUBLIC_115KV_BARTNBRK 55605	46.27 4.22 0.00	42.60 4.25 0.00	32.96 3.31 0.00	34.34 3.31 0.00	35.67 3.41 0.00	40.51 3.90 0.00	46.02 3.91 0.00	45.33 3.49 0.00	47.86 3.94 0.00	53.38 4.16 0.00	47.97 3.02 0.00	51.53 2.75 0.00	53.83 3.44 0.00	53.00 2.83 0.00	49.57 2.12 0.00	50.67 1.91 0.00	61.89 3.58 0.00	126.74 9.65 0.00	55.42 5.02 0.00	57.56 6.24 0.00	62.71 6.72 0.00	62.81 6.78 0.00	67.97 7.09 0.00	63.05 5.93 0.00
REVERE_CPPR_DRP 24186	43.32 1.27 0.00	39.58 1.24 0.00	30.53 0.88 0.00	31.85 0.81 0.00	33.14 0.90 0.00	37.78 1.17 0.00	43.78 1.67 0.00	43.58 1.74 0.00	45.69 1.77 0.00	51.08 1.86 0.00	46.47 1.52 0.00	50.15 1.37 0.00	51.45 1.06 0.00	51.18 1.02 0.00	48.41 0.96 0.00	49.96 1.19 0.00	60.01 1.70 0.00	122.39 5.30 0.00	53.32 2.93 0.00	54.15 2.83 0.00	58.63 2.65 0.00	58.45 2.42 0.00	63.34 2.47 0.00	59.21 2.08 0.00
REYNLDPA_13_KV_LD 356490	42.54 0.49 0.00	38.65 0.31 0.00	29.80 0.15 0.00	31.20 0.16 0.00	32.45 0.20 0.00	36.89 0.29 0.00	42.50 0.39 0.00	42.22 0.38 0.00	44.38 0.46 0.00	49.53 0.31 0.00	45.45 0.50 0.00	48.97 0.19 0.00	50.46 0.07 0.00	50.12 -0.05 0.00	47.21 -0.24 0.00	48.50 -0.27 0.00	57.71 -0.61 0.00	115.40 -1.69 0.00	49.33 -1.07 0.00	50.68 -0.63 0.00	55.78 -0.20 0.00	55.82 -0.21 0.00	61.28 0.40 0.00	57.57 0.44 0.00

REYNOLDS_115KV_TB3 80639	42.79 0.75 0.00	39.30 0.96 0.00	30.59 0.94 0.00	32.03 0.99 0.00	33.19 0.94 0.00	37.27 0.66 0.00	42.28 0.17 0.00	41.96 0.11 0.00	44.22 0.30 0.00	49.34 0.11 0.00	44.57 -0.38 0.00	48.27 -0.51 0.00	50.13 -0.26 0.00	49.73 -0.44 0.00	47.16 -0.29 0.00	48.32 -0.44 0.00	57.46 -0.85 0.00	116.00 -1.09 0.00	50.48 0.08 0.00	51.70 0.37 0.00	56.34 0.36 0.00	56.31 0.28 0.00	60.96 0.08 0.00	57.22 0.10 0.00
RIVERBAY____ 323610	43.90 1.85 0.00	40.11 1.77 0.00	31.24 1.60 0.00	32.48 1.45 0.00	33.62 1.36 0.00	38.25 1.65 0.00	44.16 2.05 0.00	44.19 2.35 0.00	46.38 2.46 0.00	51.76 2.54 0.00	47.43 2.48 0.00	51.71 2.93 0.00	53.61 3.22 0.00	53.65 3.48 0.00	50.74 3.29 0.00	52.21 3.45 0.00	62.95 4.64 0.00	127.11 10.02 0.00	55.17 4.77 0.00	55.57 4.25 0.00	59.76 3.78 0.00	59.61 3.58 0.00	64.30 3.42 0.00	60.51 3.38 0.00
RIVERSDE_115KV_TB3 55908	42.59 0.55 0.00	39.09 0.74 0.00	30.41 0.77 0.00	31.84 0.80 0.00	33.00 0.75 0.00	37.13 0.52 0.00	42.19 0.08 0.00	41.90 0.06 0.00	44.14 0.22 0.00	49.23 0.01 0.00	44.56 -0.39 0.00	48.31 -0.47 0.00	50.12 -0.27 0.00	49.75 -0.41 0.00	47.18 -0.26 0.00	48.36 -0.40 0.00	57.63 -0.68 0.00	116.36 -0.73 0.00	50.56 0.17 0.00	51.66 0.34 0.00	56.26 0.28 0.00	56.21 0.18 0.00	60.83 -0.05 0.00	57.09 -0.03 0.00
ROARING____BROOK_WT_PWR 323790	41.43 -0.62 0.00	37.70 -0.65 0.00	29.12 -0.52 0.00	30.57 -0.47 0.00	31.92 -0.33 0.00	36.27 -0.33 0.00	41.87 -0.24 0.00	41.63 -0.21 0.00	43.72 -0.20 0.00	48.93 -0.30 0.00	44.58 -0.37 0.00	48.31 -0.47 0.00	49.96 -0.43 0.00	49.76 -0.41 0.00	46.98 -0.47 0.00	48.29 -0.48 0.00	57.67 -0.64 0.00	116.33 -0.76 0.00	50.07 -0.33 0.00	50.92 -0.41 0.00	55.44 -0.54 0.00	55.49 -0.54 0.00	60.50 -0.37 0.00	56.88 -0.24 0.00
ROCHESRG_115KV_T4 355643	42.50 0.45 0.00	38.62 0.28 0.00	29.66 0.02 0.00	31.20 0.16 0.00	32.53 0.27 0.00	36.97 0.37 0.00	42.89 0.78 0.00	42.39 0.55 0.00	44.52 0.60 0.00	50.81 1.59 0.00	46.53 1.58 0.00	50.20 1.42 0.00	51.71 1.32 0.00	51.67 1.50 0.00	49.04 1.60 0.00	50.57 1.80 0.00	60.09 1.78 0.00	121.36 4.27 0.00	52.08 1.68 0.00	52.38 1.06 0.00	56.59 0.61 0.00	56.45 0.42 0.00	61.55 0.67 0.00	57.81 0.68 0.00
ROCHESTER_9_IC 23652	42.90 0.86 0.00	38.97 0.62 0.00	29.91 0.27 0.00	31.47 0.43 0.00	32.81 0.56 0.00	37.30 0.70 0.00	43.30 1.20 0.00	42.86 1.02 0.00	45.03 1.11 0.00	51.43 2.21 0.00	47.09 2.14 0.00	50.77 2.00 0.00	52.35 1.96 0.00	52.35 2.18 0.00	49.71 2.26 0.00	51.26 2.50 0.00	60.92 2.61 0.00	123.05 5.96 0.00	52.79 2.39 0.00	53.09 1.77 0.00	57.32 1.34 0.00	57.14 1.11 0.00	62.25 1.37 0.00	58.40 1.28 0.00
ROCKVIEW_13_KV_LD 356306	43.14 1.10 0.00	39.33 0.98 0.00	30.57 0.92 0.00	31.91 0.88 0.00	33.02 0.77 0.00	37.47 0.87 0.00	43.19 1.08 0.00	43.31 1.47 0.00	45.48 1.55 0.00	50.79 1.57 0.00	46.51 1.56 0.00	50.84 2.07 0.00	52.79 2.40 0.00	52.68 2.52 0.00	49.91 2.46 0.00	51.33 2.57 0.00	61.90 3.59 0.00	124.99 7.90 0.00	54.27 3.87 0.00	54.72 3.40 0.00	58.77 2.79 0.00	58.50 2.47 0.00	63.08 2.21 0.00	59.31 2.18 0.00
ROME____115KV_TB2 80656	43.32 1.27 0.00	39.58 1.24 0.00	30.53 0.88 0.00	31.85 0.81 0.00	33.14 0.90 0.00	37.78 1.17 0.00	43.78 1.67 0.00	43.58 1.74 0.00	45.69 1.77 0.00	51.08 1.86 0.00	46.47 1.52 0.00	50.15 1.37 0.00	51.45 1.06 0.00	51.18 1.02 0.00	48.41 0.96 0.00	49.96 1.19 0.00	60.01 1.70 0.00	122.39 5.30 0.00	53.32 2.93 0.00	54.15 2.83 0.00	58.63 2.65 0.00	58.45 2.42 0.00	63.34 2.47 0.00	59.21 2.08 0.00
ROSETON____1 23587	42.66 0.62 0.00	38.92 0.58 0.00	30.24 0.60 0.00	31.60 0.56 0.00	32.72 0.47 0.00	37.09 0.49 0.00	42.66 0.55 0.00	42.69 0.85 0.00	44.78 0.86 0.00	50.01 0.79 0.00	45.74 0.79 0.00	49.94 1.16 0.00	51.84 1.45 0.00	51.69 1.52 0.00	48.98 1.53 0.00	50.34 1.58 0.00	60.66 2.35 0.00	122.45 5.36 0.00	53.16 2.76 0.00	53.68 2.36 0.00	57.77 1.79 0.00	57.54 1.51 0.00	62.08 1.21 0.00	58.38 1.25 0.00
ROSETON____2 23588	42.66 0.62 0.00	38.92 0.58 0.00	30.24 0.60 0.00	31.60 0.56 0.00	32.72 0.47 0.00	37.09 0.49 0.00	42.66 0.55 0.00	42.69 0.85 0.00	44.78 0.86 0.00	50.01 0.79 0.00	45.74 0.79 0.00	49.94 1.16 0.00	51.84 1.45 0.00	51.69 1.52 0.00	48.98 1.53 0.00	50.34 1.58 0.00	60.66 2.35 0.00	122.45 5.36 0.00	53.16 2.76 0.00	53.68 2.36 0.00	57.77 1.79 0.00	57.54 1.51 0.00	62.08 1.21 0.00	58.38 1.25 0.00
ROTTSDAM_115KV_TB3 80664	42.76 0.71 0.00	39.06 0.71 0.00	30.26 0.61 0.00	31.66 0.62 0.00	32.88 0.62 0.00	37.24 0.64 0.00	42.75 0.64 0.00	42.50 0.66 0.00	44.62 0.69 0.00	49.86 0.64 0.00	45.41 0.45 0.00	49.32 0.54 0.00	51.06 0.67 0.00	50.75 0.59 0.00	47.94 0.50 0.00	49.22 0.45 0.00	58.96 0.65 0.00	119.21 2.12 0.00	51.69 1.29 0.00	52.53 1.21 0.00	57.19 1.21 0.00	57.16 1.12 0.00	61.93 1.05 0.00	58.08 0.95 0.00
RUSSELL____1 23602	43.17 1.12 0.00	39.20 0.85 0.00	30.09 0.44 0.00	31.64 0.60 0.00	32.98 0.73 0.00	37.50 0.90 0.00	43.56 1.45 0.00	43.10 1.26 0.00	45.30 1.38 0.00	51.78 2.55 0.00	47.41 2.46 0.00	51.15 2.37 0.00	52.75 2.37 0.00	52.80 2.64 0.00	50.13 2.69 0.00	51.71 2.95 0.00	61.45 3.14 0.00	124.16 7.08 0.00	53.27 2.88 0.00	53.56 2.23 0.00	57.82 1.83 0.00	57.60 1.57 0.00	62.70 1.82 0.00	58.80 1.67 0.00
RUSSELL____2 23532	43.17 1.12 0.00	39.20 0.85 0.00	30.09 0.44 0.00	31.64 0.60 0.00	32.98 0.73 0.00	37.50 0.90 0.00	43.56 1.45 0.00	43.10 1.26 0.00	45.30 1.38 0.00	51.78 2.55 0.00	47.41 2.46 0.00	51.15 2.37 0.00	52.75 2.37 0.00	52.80 2.64 0.00	50.13 2.69 0.00	51.71 2.95 0.00	61.45 3.14 0.00	124.16 7.08 0.00	53.27 2.88 0.00	53.56 2.23 0.00	57.82 1.83 0.00	57.60 1.57 0.00	62.70 1.82 0.00	58.80 1.67 0.00
RUSSELL____3 23549	43.17 1.12 0.00	39.20 0.85 0.00	30.09 0.44 0.00	31.64 0.60 0.00	32.98 0.73 0.00	37.50 0.90 0.00	43.56 1.45 0.00	43.10 1.26 0.00	45.30 1.38 0.00	51.78 2.55 0.00	47.41 2.46 0.00	51.15 2.37 0.00	52.75 2.37 0.00	52.80 2.64 0.00	50.13 2.69 0.00	51.71 2.95 0.00	61.45 3.14 0.00	124.16 7.08 0.00	53.27 2.88 0.00	53.56 2.23 0.00	57.82 1.83 0.00	57.60 1.57 0.00	62.70 1.82 0.00	58.80 1.67 0.00
RUSSELL____4 23556	43.17 1.12 0.00	39.20 0.85 0.00	30.09 0.44 0.00	31.64 0.60 0.00	32.98 0.73 0.00	37.50 0.90 0.00	43.56 1.45 0.00	43.10 1.26 0.00	45.30 1.38 0.00	51.78 2.55 0.00	47.41 2.46 0.00	51.15 2.37 0.00	52.75 2.37 0.00	52.80 2.64 0.00	50.13 2.69 0.00	51.71 2.95 0.00	61.45 3.14 0.00	124.16 7.08 0.00	53.27 2.88 0.00	53.56 2.23 0.00	57.82 1.83 0.00	57.60 1.57 0.00	62.70 1.82 0.00	58.80 1.67 0.00

RUSSELL__STATION 23914	43.17 1.12 0.00	39.20 0.85 0.00	30.09 0.44 0.00	31.64 0.60 0.00	32.98 0.73 0.00	37.50 0.90 0.00	43.56 1.45 0.00	43.10 1.26 0.00	45.30 1.38 0.00	51.78 2.55 0.00	47.41 2.46 0.00	51.15 2.37 0.00	52.75 2.37 0.00	52.80 2.64 0.00	50.13 2.69 0.00	51.71 2.95 0.00	61.45 3.14 0.00	124.16 7.08 0.00	53.27 2.88 0.00	53.56 2.23 0.00	57.82 1.83 0.00	57.60 1.57 0.00	62.70 1.82 0.00	58.80 1.67 0.00
S SALMON__HYD 24043	41.78 -0.26 0.00	38.26 -0.09 0.00	29.45 -0.19 0.00	30.66 -0.37 0.00	31.96 -0.30 0.00	36.45 -0.16 0.00	42.15 0.04 0.00	41.89 0.05 0.00	43.91 -0.01 0.00	49.10 -0.12 0.00	44.50 -0.45 0.00	47.89 -0.89 0.00	49.45 -0.94 0.00	49.36 -0.81 0.00	46.68 -0.77 0.00	47.92 -0.85 0.00	57.49 -0.81 0.00	117.14 0.06 0.00	50.81 0.42 0.00	51.52 0.20 0.00	55.84 -0.14 0.00	55.95 -0.09 0.00	60.69 -0.19 0.00	56.92 -0.20 0.00
S.PERRY__115KV_TB1 80734	43.09 1.04 0.00	39.14 0.79 0.00	29.76 0.12 0.00	31.40 0.37 0.00	32.80 0.55 0.00	37.39 0.78 0.00	43.70 1.59 0.00	43.31 1.47 0.00	45.43 1.51 0.00	51.98 2.76 0.00	47.57 2.62 0.00	51.43 2.65 0.00	53.07 2.69 0.00	53.09 2.92 0.00	50.16 2.71 0.00	51.62 2.85 0.00	61.50 3.19 0.00	125.05 7.96 0.00	53.87 3.48 0.00	54.54 3.22 0.00	58.86 2.88 0.00	58.20 2.17 0.00	63.23 2.35 0.00	59.24 2.12 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	42.39 0.35 0.00	38.49 0.14 0.00	29.44 -0.21 0.00	31.12 0.08 0.00	32.52 0.27 0.00	36.93 0.33 0.00	42.99 0.88 0.00	42.31 0.47 0.00	44.36 0.44 0.00	51.03 1.80 0.00	46.84 1.89 0.00	50.50 1.72 0.00	51.83 1.44 0.00	51.72 1.55 0.00	49.11 1.66 0.00	50.67 1.90 0.00	59.89 1.57 0.00	121.15 4.07 0.00	51.78 1.38 0.00	51.73 0.41 0.00	55.83 -0.15 0.00	55.81 -0.22 0.00	61.24 0.37 0.00	57.74 0.61 0.00
SAWYER__23_KV_LOAD 55526	42.39 0.35 0.00	38.49 0.14 0.00	29.44 -0.21 0.00	31.12 0.08 0.00	32.52 0.27 0.00	36.93 0.33 0.00	42.99 0.88 0.00	42.31 0.47 0.00	44.36 0.44 0.00	51.03 1.80 0.00	46.84 1.89 0.00	50.50 1.72 0.00	51.83 1.44 0.00	51.72 1.55 0.00	49.11 1.66 0.00	50.67 1.90 0.00	59.89 1.57 0.00	121.15 4.07 0.00	51.78 1.38 0.00	51.73 0.41 0.00	55.83 -0.15 0.00	55.81 -0.22 0.00	61.24 0.37 0.00	57.74 0.61 0.00
SELKIRK__I 23801	42.63 0.58 0.00	39.00 0.66 0.00	30.29 0.65 0.00	31.71 0.67 0.00	32.88 0.63 0.00	37.18 0.58 0.00	42.50 0.40 0.00	42.25 0.40 0.00	44.30 0.38 0.00	49.34 0.12 0.00	44.81 -0.14 0.00	48.58 -0.21 0.00	49.61 -0.78 0.00	49.11 -1.06 0.00	46.51 -0.93 0.00	47.69 -1.08 0.00	57.12 -1.19 0.00	115.17 -1.92 0.00	49.99 -0.41 0.00	50.87 -0.45 0.00	55.39 -0.59 0.00	55.37 -0.66 0.00	59.97 -0.91 0.00	56.69 -0.43 0.00
SELKIRK__II 23799	42.34 0.29 0.00	38.74 0.40 0.00	30.09 0.45 0.00	31.50 0.46 0.00	32.66 0.41 0.00	36.90 0.30 0.00	42.17 0.06 0.00	41.93 0.09 0.00	43.99 0.07 0.00	49.00 -0.23 0.00	44.51 -0.44 0.00	48.36 -0.42 0.00	50.07 -0.31 0.00	49.77 -0.40 0.00	47.07 -0.38 0.00	48.31 -0.46 0.00	57.76 -0.56 0.00	116.49 -0.59 0.00	50.49 0.09 0.00	51.35 0.02 0.00	55.86 -0.13 0.00	55.81 -0.22 0.00	60.42 -0.45 0.00	56.81 -0.32 0.00
SENECA OSWGO__HYD 24041	41.50 -0.55 0.00	37.84 -0.50 0.00	29.20 -0.45 0.00	30.57 -0.46 0.00	31.79 -0.46 0.00	36.13 -0.47 0.00	41.62 -0.49 0.00	41.24 -0.61 0.00	43.28 -0.64 0.00	48.65 -0.57 0.00	44.33 -0.62 0.00	47.94 -0.84 0.00	49.47 -0.91 0.00	49.38 -0.79 0.00	46.76 -0.69 0.00	48.14 -0.63 0.00	57.68 -0.63 0.00	116.47 -0.62 0.00	50.26 -0.14 0.00	50.97 -0.35 0.00	55.33 -0.65 0.00	55.22 -0.81 0.00	59.86 -1.02 0.00	56.12 -1.00 0.00
SENECA__115KV_TB3 355854	36.11 0.69 6.62	32.06 0.42 6.71	24.20 -0.01 5.43	27.79 0.30 3.55	28.15 0.51 4.61	30.27 0.61 6.94	40.00 1.24 3.34	42.28 0.87 0.43	40.46 0.87 4.34	41.13 2.29 10.38	44.98 2.27 2.25	51.10 2.32 0.00	52.44 2.05 0.00	52.33 2.17 0.00	49.73 2.29 0.00	51.30 2.53 0.00	60.76 2.45 0.00	123.05 5.96 0.00	52.57 2.17 0.00	52.45 1.13 0.00	51.42 0.68 5.24	51.86 0.58 4.76	49.51 1.21 12.58	41.14 1.33 17.31
SENECA__ENERGY 23797	42.22 0.17 0.00	38.43 0.08 0.00	29.54 -0.10 0.00	31.03 -0.01 0.00	32.31 0.06 0.00	36.79 0.18 0.00	42.64 0.54 0.00	42.29 0.45 0.00	44.35 0.43 0.00	50.05 0.83 0.00	45.81 0.86 0.00	49.69 0.92 0.00	51.30 0.91 0.00	51.27 1.11 0.00	48.59 1.14 0.00	50.08 1.31 0.00	60.03 1.72 0.00	121.56 4.47 0.00	52.40 2.01 0.00	52.93 1.60 0.00	57.26 1.28 0.00	56.93 0.89 0.00	61.72 0.84 0.00	57.76 0.64 0.00
SHOEMAKER__GT 23640	42.65 0.60 0.00	38.90 0.56 0.00	30.18 0.54 0.00	31.56 0.52 0.00	32.70 0.44 0.00	37.09 0.48 0.00	42.69 0.58 0.00	42.70 0.86 0.00	44.74 0.82 0.00	49.99 0.77 0.00	45.71 0.75 0.00	49.82 1.04 0.00	51.71 1.32 0.00	51.56 1.39 0.00	48.91 1.46 0.00	50.29 1.52 0.00	60.59 2.28 0.00	122.61 5.52 0.00	53.24 2.85 0.00	53.85 2.54 0.00	57.99 2.01 0.00	57.72 1.70 0.00	62.26 1.39 0.00	58.45 1.32 0.00
SHOEMAKR_138KV_BK 111 55601	42.63 0.58 0.00	38.88 0.53 0.00	30.17 0.53 0.00	31.54 0.50 0.00	32.67 0.42 0.00	37.07 0.47 0.00	42.65 0.54 0.00	42.66 0.82 0.00	44.73 0.81 0.00	49.96 0.73 0.00	45.67 0.72 0.00	49.84 1.07 0.00	51.74 1.35 0.00	51.59 1.42 0.00	48.92 1.48 0.00	50.31 1.55 0.00	60.61 2.30 0.00	122.61 5.52 0.00	53.22 2.83 0.00	53.82 2.50 0.00	57.94 1.96 0.00	57.68 1.65 0.00	62.20 1.33 0.00	58.42 1.29 0.00
SHOREHAM_IC_1 23715	43.86 1.81 0.00	39.53 1.18 0.00	30.89 1.25 0.00	32.16 1.12 0.00	33.12 0.87 0.00	37.69 1.08 0.00	43.20 1.09 0.00	43.01 1.17 0.00	45.26 1.34 0.00	50.65 1.42 0.00	46.24 1.29 0.00	51.00 2.22 0.00	52.55 2.16 0.00	54.03 2.98 -0.89	50.11 2.67 0.00	51.15 2.38 0.00	62.08 3.77 0.00	125.63 8.54 0.00	54.46 4.06 0.00	54.85 3.53 0.00	58.70 2.72 0.00	58.23 2.20 0.00	62.77 1.89 0.00	58.95 1.82 0.00
SHOREHAM_IC_2 23716	43.86 1.81 0.00	39.53 1.18 0.00	30.89 1.25 0.00	32.16 1.12 0.00	33.12 0.87 0.00	37.69 1.08 0.00	43.20 1.09 0.00	43.01 1.17 0.00	45.26 1.34 0.00	50.65 1.42 0.00	46.24 1.29 0.00	51.00 2.22 0.00	52.55 2.16 0.00	54.03 2.98 -0.89	50.11 2.67 0.00	51.15 2.38 0.00	62.08 3.77 0.00	125.63 8.54 0.00	54.46 4.06 0.00	54.85 3.53 0.00	58.70 2.72 0.00	58.23 2.20 0.00	62.77 1.89 0.00	58.95 1.82 0.00
SISSONVILLE____ 23735	42.57 0.52 0.00	38.79 0.45 0.00	29.89 0.24 0.00	31.22 0.18 0.00	32.51 0.26 0.00	37.11 0.50 0.00	42.79 0.68 0.00	42.58 0.74 0.00	44.66 0.73 0.00	49.70 0.48 0.00	45.17 0.22 0.00	48.68 -0.10 0.00	50.09 -0.29 0.00	49.51 -0.66 0.00	46.13 -1.32 0.00	47.07 -1.70 0.00	55.95 -2.36 0.00	112.32 -4.77 0.00	48.24 -2.16 0.00	49.80 -1.52 0.00	55.18 -0.80 0.00	55.62 -0.41 0.00	61.62 0.74 0.00	57.99 0.86 0.00

SITHE_IND_GS1 24169	41.01 -1.04 0.00	37.39 -0.96 0.00	28.86 -0.78 0.00	30.24 -0.80 0.00	31.45 -0.80 0.00	35.71 -0.89 0.00	41.09 -1.02 0.00	40.66 -1.18 0.00	42.67 -1.25 0.00	47.97 -1.25 0.00	43.81 -1.14 0.00	47.48 -1.30 0.00	49.01 -1.38 0.00	48.88 -1.29 0.00	46.29 -1.16 0.00	47.63 -1.13 0.00	56.97 -1.34 0.00	114.81 -2.28 0.00	49.48 -0.92 0.00	50.19 -1.13 0.00	54.53 -1.45 0.00	54.46 -1.57 0.00	59.12 -1.76 0.00	55.44 -1.68 0.00
SITHE_IND_GS2 24170	41.01 -1.04 0.00	37.39 -0.96 0.00	28.86 -0.78 0.00	30.24 -0.80 0.00	31.45 -0.80 0.00	35.71 -0.89 0.00	41.09 -1.02 0.00	40.66 -1.18 0.00	42.67 -1.25 0.00	47.97 -1.25 0.00	43.81 -1.14 0.00	47.48 -1.30 0.00	49.01 -1.38 0.00	48.88 -1.29 0.00	46.29 -1.16 0.00	47.63 -1.13 0.00	56.97 -1.34 0.00	114.81 -2.28 0.00	49.48 -0.92 0.00	50.19 -1.13 0.00	54.53 -1.45 0.00	54.46 -1.57 0.00	59.12 -1.76 0.00	55.44 -1.68 0.00
SITHE_IND_GS3 24171	41.01 -1.04 0.00	37.39 -0.96 0.00	28.86 -0.78 0.00	30.24 -0.80 0.00	31.45 -0.80 0.00	35.71 -0.89 0.00	41.09 -1.02 0.00	40.66 -1.18 0.00	42.67 -1.25 0.00	47.97 -1.25 0.00	43.81 -1.14 0.00	47.48 -1.30 0.00	49.01 -1.38 0.00	48.88 -1.29 0.00	46.29 -1.16 0.00	47.63 -1.13 0.00	56.97 -1.34 0.00	114.81 -2.28 0.00	49.48 -0.92 0.00	50.19 -1.13 0.00	54.53 -1.45 0.00	54.46 -1.57 0.00	59.12 -1.76 0.00	55.44 -1.68 0.00
SITHE_IND_GS4 24172	41.01 -1.04 0.00	37.39 -0.96 0.00	28.86 -0.78 0.00	30.24 -0.80 0.00	31.45 -0.80 0.00	35.71 -0.89 0.00	41.09 -1.02 0.00	40.66 -1.18 0.00	42.67 -1.25 0.00	47.97 -1.25 0.00	43.81 -1.14 0.00	47.48 -1.30 0.00	49.01 -1.38 0.00	48.88 -1.29 0.00	46.29 -1.16 0.00	47.63 -1.13 0.00	56.97 -1.34 0.00	114.81 -2.28 0.00	49.48 -0.92 0.00	50.19 -1.13 0.00	54.53 -1.45 0.00	54.46 -1.57 0.00	59.12 -1.76 0.00	55.44 -1.68 0.00
SITHE___BATAVIA 24024	38.95 1.48 4.58	34.92 1.22 4.64	26.50 0.61 3.75	29.49 0.91 2.46	30.20 1.14 3.19	33.15 1.35 4.80	41.95 2.15 2.31	43.41 1.87 0.30	42.73 1.80 3.00	45.18 3.13 7.17	46.37 2.97 1.55	51.58 2.80 0.00	52.98 2.59 0.00	52.84 2.67 0.00	50.16 2.72 0.00	51.71 2.95 0.00	61.67 3.36 0.00	125.26 8.17 0.00	53.78 3.38 0.00	54.08 2.76 0.00	54.68 2.32 3.62	54.84 2.10 3.29	54.74 2.56 8.70	47.57 2.43 11.98
SITHE___INDEPEND 23800	41.01 -1.04 0.00	37.39 -0.96 0.00	28.86 -0.78 0.00	30.24 -0.80 0.00	31.44 -0.81 0.00	35.71 -0.89 0.00	41.09 -1.02 0.00	40.66 -1.02 0.00	42.67 -1.25 0.00	47.97 -1.26 0.00	43.81 -1.14 0.00	47.46 -1.32 0.00	49.01 -1.38 0.00	48.88 -1.29 0.00	46.29 -1.16 0.00	47.63 -1.13 0.00	56.98 -1.34 0.00	114.81 -2.28 0.00	49.48 -0.92 0.00	50.19 -1.13 0.00	54.53 -1.45 0.00	54.46 -1.57 0.00	59.11 -1.77 0.00	55.44 -1.69 0.00
SITHE___MASSENA 23902	42.53 0.48 0.00	38.72 0.38 0.00	29.86 0.21 0.00	31.26 0.22 0.00	32.52 0.27 0.00	37.00 0.39 0.00	42.63 0.52 0.00	42.36 0.52 0.00	44.50 0.57 0.00	49.71 0.49 0.00	45.40 0.45 0.00	49.05 0.27 0.00	50.52 0.13 0.00	50.15 -0.02 0.00	47.15 -0.30 0.00	48.39 -0.37 0.00	57.60 -0.71 0.00	115.19 -1.90 0.00	49.32 -1.08 0.00	50.71 -0.61 0.00	55.82 -0.16 0.00	56.04 0.01 0.00	61.58 0.70 0.00	57.80 0.67 0.00
SITHE___OGDNSBRG 24021	43.40 1.36 0.00	39.50 1.16 0.00	30.43 0.79 0.00	31.84 0.80 0.00	33.16 0.91 0.00	37.93 1.33 0.00	43.68 1.58 0.00	43.46 1.62 0.00	45.42 1.50 0.00	50.36 1.13 0.00	45.60 0.65 0.00	49.17 0.39 0.00	50.64 0.25 0.00	50.20 0.03 0.00	47.02 -0.43 0.00	48.07 -0.69 0.00	57.40 -0.91 0.00	114.99 -2.10 0.00	49.26 -1.14 0.00	51.37 0.04 0.00	56.89 0.91 0.00	57.15 1.11 0.00	63.04 2.16 0.00	59.07 1.94 0.00
SITHE___STERLING 23777	42.96 0.91 0.00	39.20 0.85 0.00	30.24 0.60 0.00	31.61 0.57 0.00	32.89 0.64 0.00	37.44 0.83 0.00	43.29 1.18 0.00	43.07 1.23 0.00	45.19 1.26 0.00	50.60 1.38 0.00	46.12 1.17 0.00	49.91 1.13 0.00	51.27 0.88 0.00	51.03 0.87 0.00	48.31 0.86 0.00	49.81 1.04 0.00	59.77 1.45 0.00	121.33 4.24 0.00	52.73 2.33 0.00	53.59 2.27 0.00	58.10 2.12 0.00	57.91 1.88 0.00	62.70 1.82 0.00	58.66 1.53 0.00
SLEIGHT__34_KV_TB1 80719	42.24 0.19 0.00	38.39 0.04 0.00	29.52 -0.12 0.00	31.02 -0.02 0.00	32.33 0.07 0.00	36.76 0.16 0.00	42.62 0.51 0.00	42.18 0.34 0.00	44.31 0.39 0.00	50.29 1.07 0.00	45.90 0.95 0.00	49.57 0.79 0.00	51.15 0.77 0.00	51.09 0.93 0.00	48.47 1.02 0.00	50.08 1.32 0.00	59.79 1.47 0.00	121.04 3.95 0.00	52.03 1.63 0.00	52.44 1.12 0.00	56.77 0.79 0.00	56.54 0.51 0.00	61.41 0.54 0.00	57.58 0.46 0.00
SOUTH CAIRO___GT 23612	43.70 1.65 0.00	39.97 1.62 0.00	31.03 1.39 0.00	32.48 1.44 0.00	33.71 1.45 0.00	38.11 1.50 0.00	43.60 1.49 0.00	43.43 1.59 0.00	45.66 1.74 0.00	50.65 1.43 0.00	45.87 0.91 0.00	49.29 0.51 0.00	51.24 0.85 0.00	50.86 0.69 0.00	48.20 0.75 0.00	49.88 1.12 0.00	59.29 0.98 0.00	120.91 3.82 0.00	52.93 2.53 0.00	54.00 2.68 0.00	58.76 2.77 0.00	58.53 2.49 0.00	63.12 2.25 0.00	59.08 1.96 0.00
SOUTH HAMPTN___IC 23720	44.41 2.37 0.00	40.06 1.71 0.00	31.17 1.53 0.00	32.41 1.37 0.00	33.29 1.04 0.00	37.91 1.31 0.00	43.54 1.42 0.00	43.57 1.73 0.00	46.13 2.21 0.00	51.64 2.42 0.00	47.33 2.38 0.00	52.41 3.63 0.00	53.90 3.51 0.00	55.33 4.28 -0.89	51.45 4.01 0.00	52.47 3.70 0.00	63.61 5.30 0.00	129.01 11.92 0.00	55.87 5.47 0.00	56.19 4.87 0.00	59.94 3.96 0.00	59.57 3.54 0.00	64.23 3.36 0.00	60.11 2.98 0.00
SOUTHDOW_115KV_TB1 355954	43.04 0.99 0.00	38.96 0.62 0.00	29.45 -0.19 0.00	31.30 0.26 0.00	32.98 0.72 0.00	37.50 0.90 0.00	43.92 1.81 0.00	43.71 1.87 0.00	46.01 2.08 0.00	52.50 3.27 0.00	48.51 3.56 0.00	52.73 3.95 0.00	54.21 3.83 0.00	54.10 3.93 0.00	51.24 3.80 0.00	52.78 4.01 0.00	63.50 5.19 0.00	128.94 11.85 0.00	54.91 4.52 0.00	54.18 2.86 0.00	58.24 2.26 0.00	58.32 2.30 0.00	63.37 2.49 0.00	59.19 2.07 0.00
SOUTHOLD_69_KV_BK 2 55809	44.90 2.85 0.00	40.52 2.17 0.00	31.40 1.76 0.00	32.57 1.53 0.00	33.33 1.08 0.00	37.97 1.36 0.00	43.65 1.54 0.00	43.93 2.09 0.00	46.89 2.96 0.00	52.42 3.19 0.00	48.18 3.23 0.00	53.68 4.90 0.00	55.06 4.67 0.00	56.46 5.41 -0.89	52.61 5.17 0.00	53.53 4.76 0.00	64.99 6.68 0.00	132.19 15.10 0.00	57.19 6.79 0.00	57.41 6.09 0.00	60.97 4.98 0.00	60.81 4.78 0.00	65.73 4.85 0.00	61.21 4.08 0.00
SOUTHOLD___IC 23719	44.90 2.85 0.00	40.52 2.17 0.00	31.40 1.75 0.00	32.57 1.53 0.00	33.32 1.07 0.00	37.97 1.36 0.00	43.65 1.54 0.00	43.94 2.10 0.00	46.89 2.97 0.00	52.42 3.20 0.00	48.21 3.25 0.00	53.66 4.88 0.00	55.06 4.67 0.00	56.49 5.44 -0.89	52.61 5.17 0.00	53.53 4.76 0.00	65.00 6.68 0.00	132.19 15.10 0.00	57.19 6.79 0.00	57.41 6.09 0.00	60.96 4.98 0.00	60.79 4.76 0.00	65.65 4.78 0.00	61.14 4.02 0.00

SOUTH_FORK_WT_PWR 323839	44.86 2.82 0.00	40.50 2.15 0.00	31.29 1.64 0.00	32.41 1.37 0.00	33.03 0.78 0.00	37.63 1.02 0.00	43.28 1.17 0.00	43.71 1.86 0.00	46.89 2.97 0.00	52.32 3.10 0.00	48.24 3.29 0.00	53.89 5.11 0.00	55.14 4.75 0.00	56.56 5.50 -0.89	52.69 5.25 0.00	53.44 4.67 0.00	64.91 6.59 0.00	132.31 15.22 0.00	57.19 6.79 0.00	57.37 6.05 0.00	60.76 4.77 0.00	60.81 4.78 0.00	65.77 4.90 0.00	61.10 3.98 0.00
SPIERFLS_115KV_TB 1 80737	43.59 1.54 0.00	39.99 1.64 0.00	31.00 1.35 0.00	32.44 1.40 0.00	33.65 1.40 0.00	38.11 1.51 0.00	43.51 1.40 0.00	43.16 1.32 0.00	45.43 1.51 0.00	50.73 1.51 0.00	45.69 0.74 0.00	49.42 0.64 0.00	51.42 1.03 0.00	50.61 0.44 0.00	47.58 0.14 0.00	48.84 0.08 0.00	58.78 0.47 0.00	119.88 2.79 0.00	52.56 2.17 0.00	53.77 2.45 0.00	58.81 2.83 0.00	58.75 2.72 0.00	63.52 2.64 0.00	59.26 2.14 0.00
ST LAWRENCE____ 23600	42.09 0.05 0.00	38.32 -0.03 0.00	29.54 -0.10 0.00	30.94 -0.09 0.00	32.18 -0.07 0.00	36.56 -0.04 0.00	42.12 0.01 0.00	41.84 0.00 0.00	43.98 0.06 0.00	49.27 0.04 0.00	45.06 0.11 0.00	48.75 -0.04 0.00	50.22 -0.17 0.00	49.89 -0.27 0.00	47.05 -0.40 0.00	48.34 -0.43 0.00	57.58 -0.74 0.00	115.01 -2.08 0.00	49.26 -1.14 0.00	50.52 -0.80 0.00	55.50 -0.49 0.00	55.68 -0.35 0.00	60.99 0.11 0.00	57.24 0.11 0.00
STATE_CA_115KV_115_LB 55624	42.62 0.57 0.00	39.09 0.74 0.00	30.39 0.74 0.00	31.81 0.78 0.00	32.99 0.74 0.00	37.15 0.55 0.00	42.30 0.19 0.00	42.05 0.21 0.00	44.27 0.35 0.00	49.35 0.12 0.00	44.75 -0.20 0.00	48.57 -0.21 0.00	50.34 -0.05 0.00	50.01 -0.16 0.00	47.43 -0.01 0.00	48.61 -0.15 0.00	58.06 -0.25 0.00	117.31 0.22 0.00	50.90 0.50 0.00	51.91 0.59 0.00	56.48 0.50 0.00	56.40 0.37 0.00	60.99 0.12 0.00	57.23 0.10 0.00
STATE_ST_34_KV_LOAD 55959	42.47 0.43 0.00	38.58 0.23 0.00	29.77 0.13 0.00	31.26 0.22 0.00	32.54 0.29 0.00	36.98 0.38 0.00	42.75 0.64 0.00	42.39 0.55 0.00	44.45 0.53 0.00	49.92 0.70 0.00	45.61 0.65 0.00	49.34 0.56 0.00	50.84 0.45 0.00	50.75 0.59 0.00	48.15 0.71 0.00	49.62 0.86 0.00	59.62 1.31 0.00	120.84 3.75 0.00	52.05 1.66 0.00	52.78 1.45 0.00	57.17 1.19 0.00	56.96 0.93 0.00	61.76 0.88 0.00	57.86 0.73 0.00
STATION 5_MISC_HYD 23604	39.78 0.85 3.13	35.80 0.62 3.17	27.35 0.27 2.56	29.79 0.43 1.68	30.63 0.55 2.18	34.02 0.69 3.28	41.72 1.19 1.58	42.64 1.00 0.20	42.98 1.09 2.04	46.52 2.17 4.87	45.97 2.07 1.05	50.80 2.02 0.00	52.33 1.95 0.00	52.34 2.17 0.00	49.71 2.26 0.00	51.26 2.49 0.00	60.91 2.60 0.00	123.07 5.98 0.00	52.78 2.39 0.00	53.08 1.76 0.00	54.86 1.35 2.48	54.93 1.15 2.25	56.34 1.41 5.95	50.26 1.32 8.18
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	42.61 0.57 0.00	38.74 0.40 0.00	29.74 0.10 0.00	31.27 0.23 0.00	32.58 0.33 0.00	37.06 0.46 0.00	42.99 0.88 0.00	42.58 0.74 0.00	44.73 0.80 0.00	50.83 1.61 0.00	46.56 1.61 0.00	50.34 1.56 0.00	51.96 1.57 0.00	51.93 1.76 0.00	49.26 1.81 0.00	50.79 2.02 0.00	60.61 2.30 0.00	122.62 5.53 0.00	52.71 2.31 0.00	53.07 1.75 0.00	57.34 1.36 0.00	57.08 1.05 0.00	62.01 1.14 0.00	58.11 0.99 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	42.55 0.50 0.00	38.66 0.32 0.00	29.69 0.05 0.00	31.22 0.18 0.00	32.55 0.30 0.00	37.00 0.39 0.00	42.94 0.83 0.00	42.48 0.64 0.00	44.63 0.70 0.00	50.93 1.70 0.00	46.65 1.70 0.00	50.35 1.57 0.00	51.92 1.53 0.00	51.91 1.74 0.00	49.29 1.84 0.00	50.83 2.06 0.00	60.44 2.12 0.00	122.00 4.92 0.00	52.36 1.97 0.00	52.66 1.33 0.00	56.87 0.89 0.00	56.70 0.67 0.00	61.75 0.88 0.00	57.93 0.80 0.00
STA_56____34_KV_BUS2 355983	42.55 0.50 0.00	38.66 0.32 0.00	29.69 0.05 0.00	31.22 0.18 0.00	32.55 0.30 0.00	37.00 0.39 0.00	42.94 0.83 0.00	42.48 0.64 0.00	44.63 0.70 0.00	50.93 1.70 0.00	46.65 1.70 0.00	50.35 1.57 0.00	51.92 1.53 0.00	51.91 1.74 0.00	49.29 1.84 0.00	50.83 2.06 0.00	60.44 2.12 0.00	122.00 4.92 0.00	52.36 1.97 0.00	52.66 1.33 0.00	56.87 0.89 0.00	56.70 0.67 0.00	61.75 0.88 0.00	57.93 0.80 0.00
STA_67____115KV_BK2 355882	42.80 0.75 0.00	38.89 0.54 0.00	29.85 0.20 0.00	31.39 0.35 0.00	32.73 0.48 0.00	37.20 0.60 0.00	43.20 1.09 0.00	42.75 0.91 0.00	44.90 0.98 0.00	51.27 2.05 0.00	46.95 2.00 0.00	50.60 1.82 0.00	52.16 1.77 0.00	52.15 1.98 0.00	49.52 2.07 0.00	51.06 2.30 0.00	60.69 2.38 0.00	122.58 5.49 0.00	52.59 2.19 0.00	52.90 1.58 0.00	57.12 1.14 0.00	56.95 0.92 0.00	62.06 1.18 0.00	58.25 1.12 0.00
STA_7____115KV_9TRANS 80674	43.17 1.12 0.00	39.20 0.85 0.00	30.09 0.44 0.00	31.64 0.60 0.00	32.98 0.73 0.00	37.50 0.90 0.00	43.56 1.45 0.00	43.10 1.26 0.00	45.30 1.38 0.00	51.78 2.55 0.00	47.41 2.46 0.00	51.15 2.37 0.00	52.75 2.37 0.00	52.80 2.64 0.00	50.13 2.69 0.00	51.71 2.95 0.00	61.45 3.14 0.00	124.16 7.08 0.00	53.27 2.88 0.00	53.56 2.23 0.00	57.82 1.83 0.00	57.60 1.57 0.00	62.70 1.82 0.00	58.80 1.67 0.00
STA_82____115KV_TB1 80780	42.73 0.69 0.00	38.83 0.48 0.00	29.81 0.17 0.00	31.36 0.32 0.00	32.69 0.44 0.00	37.16 0.56 0.00	43.13 1.02 0.00	42.67 0.83 0.00	44.82 0.90 0.00	51.17 1.95 0.00	46.86 1.91 0.00	50.53 1.75 0.00	52.06 1.67 0.00	52.05 1.88 0.00	49.42 1.97 0.00	50.96 2.20 0.00	60.57 2.26 0.00	122.34 5.26 0.00	52.49 2.09 0.00	52.80 1.48 0.00	57.03 1.05 0.00	56.87 0.84 0.00	61.97 1.09 0.00	58.17 1.04 0.00
STEEL____WIND 323596	36.04 0.61 6.62	31.99 0.36 6.71	24.15 -0.07 5.43	27.74 0.25 3.55	28.11 0.47 4.61	30.22 0.56 6.94	39.94 1.17 3.34	42.23 0.82 0.43	40.38 0.80 4.34	41.04 2.20 10.38	44.89 2.19 2.25	51.04 2.26 0.00	52.34 1.95 0.00	52.22 2.06 0.00	49.64 2.19 0.00	51.20 2.44 0.00	60.64 2.33 0.00	122.82 5.74 0.00	52.49 2.09 0.00	52.33 1.01 0.00	51.29 0.54 5.24	51.73 0.45 4.76	49.39 1.10 12.58	41.06 1.24 17.31
STEPHTWN_115KV_BK_2 55603	42.69 0.64 0.00	39.08 0.74 0.00	30.40 0.75 0.00	31.93 0.89 0.00	33.06 0.81 0.00	37.22 0.61 0.00	42.51 0.40 0.00	42.29 0.45 0.00	44.49 0.58 0.00	49.44 0.21 0.00	44.66 -0.29 0.00	48.63 -0.15 0.00	50.56 0.17 0.00	49.99 -0.18 0.00	47.56 0.12 0.00	48.74 -0.02 0.00	58.23 -0.08 0.00	117.83 0.74 0.00	51.26 0.86 0.00	52.26 0.94 0.00	56.83 0.85 0.00	56.63 0.60 0.00	61.24 0.37 0.00	57.37 0.25 0.00
STEUBEN_REC_LFGE 323667	42.09 0.04 0.00	38.19 -0.15 0.00	28.38 -1.26 0.00	30.21 -0.83 0.00	31.75 -0.50 0.00	36.39 -0.21 0.00	42.70 0.59 0.00	42.39 0.54 0.00	44.14 0.22 0.00	50.76 1.53 0.00	46.86 1.91 0.00	50.80 2.02 0.00	52.80 2.41 0.00	52.91 2.75 0.00	49.81 2.36 0.00	51.27 2.50 0.00	61.69 3.37 0.00	125.68 8.59 0.00	54.01 3.61 0.00	54.25 2.93 0.00	58.19 2.21 0.00	57.00 0.96 0.00	61.66 0.79 0.00	57.87 0.74 0.00

STILLWATER___SOLAR 323814	43.61 1.56 0.00	39.95 1.60 0.00	30.98 1.34 0.00	32.45 1.41 0.00	33.66 1.41 0.00	38.05 1.44 0.00	43.46 1.35 0.00	43.15 1.30 0.00	45.39 1.47 0.00	50.68 1.46 0.00	45.85 0.89 0.00	49.69 0.91 0.00	51.57 1.18 0.00	51.04 0.88 0.00	48.17 0.72 0.00	49.36 0.59 0.00	59.18 0.86 0.00	120.21 3.12 0.00	52.40 2.00 0.00	53.48 2.16 0.00	58.35 2.37 0.00	58.29 2.25 0.00	63.08 2.21 0.00	59.03 1.90 0.00
STONY___BROOK 24151	43.83 1.78 0.00	39.64 1.30 0.00	30.87 1.23 0.00	32.16 1.12 0.00	33.15 0.90 0.00	37.74 1.13 0.00	43.43 1.32 0.00	43.45 1.61 0.00	45.69 1.77 0.00	51.21 1.99 0.00	46.90 1.95 0.00	51.68 2.91 0.00	53.29 2.90 0.00	54.54 3.48 -0.89	50.51 3.07 0.00	51.52 2.76 0.00	62.17 3.85 0.00	125.65 8.56 0.00	54.46 4.06 0.00	54.87 3.55 0.00	59.04 3.06 0.00	58.59 2.55 0.00	63.17 2.29 0.00	59.44 2.32 0.00
STURGEON_POOL_HYD 23609	42.73 0.69 0.00	38.95 0.61 0.00	30.24 0.60 0.00	31.59 0.55 0.00	32.72 0.47 0.00	37.14 0.53 0.00	42.76 0.65 0.00	42.81 0.97 0.00	44.90 0.98 0.00	50.22 0.99 0.00	45.95 1.00 0.00	50.21 1.43 0.00	52.22 1.84 0.00	52.20 2.04 0.00	49.52 2.07 0.00	50.96 2.20 0.00	61.47 3.16 0.00	124.19 7.10 0.00	53.81 3.41 0.00	54.26 2.94 0.00	58.38 2.39 0.00	58.10 2.07 0.00	62.64 1.77 0.00	58.79 1.67 0.00
ST_LAW_115_BK7_LBMP 345037	42.09 0.05 0.00	38.31 -0.04 0.00	29.53 -0.11 0.00	30.93 -0.11 0.00	32.16 -0.09 0.00	36.56 -0.04 0.00	42.12 0.01 0.00	41.84 0.00 0.00	43.99 0.06 0.00	49.23 0.01 0.00	45.04 0.09 0.00	48.69 -0.09 0.00	50.15 -0.23 0.00	49.82 -0.35 0.00	46.93 -0.51 0.00	48.21 -0.56 0.00	57.37 -0.94 0.00	114.62 -2.47 0.00	49.05 -1.34 0.00	50.37 -0.95 0.00	55.39 -0.60 0.00	55.59 -0.44 0.00	60.95 0.07 0.00	57.23 0.10 0.00
ST_LAW_115_BK8_LBMP 345038	42.09 0.05 0.00	38.31 -0.04 0.00	29.53 -0.11 0.00	30.93 -0.11 0.00	32.16 -0.09 0.00	36.56 -0.04 0.00	42.12 0.01 0.00	41.84 0.00 0.00	43.99 0.06 0.00	49.23 0.01 0.00	45.04 0.09 0.00	48.69 -0.09 0.00	50.15 -0.23 0.00	49.82 -0.35 0.00	46.93 -0.51 0.00	48.21 -0.56 0.00	57.37 -0.94 0.00	114.62 -2.47 0.00	49.05 -1.34 0.00	50.37 -0.95 0.00	55.39 -0.60 0.00	55.59 -0.44 0.00	60.95 0.07 0.00	57.23 0.10 0.00
ST_LAW_230_BK5_LBMP 345035	42.09 0.05 0.00	38.32 -0.03 0.00	29.54 -0.10 0.00	30.94 -0.09 0.00	32.18 -0.07 0.00	36.56 -0.04 0.00	42.12 0.01 0.00	41.84 0.00 0.00	43.98 0.06 0.00	49.27 0.04 0.00	45.06 0.11 0.00	48.75 -0.04 0.00	50.22 -0.17 0.00	49.89 -0.27 0.00	47.05 -0.40 0.00	48.34 -0.43 0.00	57.58 -0.74 0.00	115.01 -2.08 0.00	49.26 -1.14 0.00	50.52 -0.80 0.00	55.50 -0.49 0.00	55.68 -0.35 0.00	60.99 0.11 0.00	57.24 0.11 0.00
ST_LAW_230_BK6_LBMP 345036	42.09 0.05 0.00	38.32 -0.03 0.00	29.54 -0.10 0.00	30.94 -0.09 0.00	32.18 -0.07 0.00	36.56 -0.04 0.00	42.12 0.01 0.00	41.84 0.00 0.00	43.98 0.06 0.00	49.27 0.04 0.00	45.06 0.11 0.00	48.75 -0.04 0.00	50.22 -0.17 0.00	49.89 -0.27 0.00	47.05 -0.40 0.00	48.34 -0.43 0.00	57.58 -0.74 0.00	115.01 -2.08 0.00	49.26 -1.14 0.00	50.52 -0.80 0.00	55.50 -0.49 0.00	55.68 -0.35 0.00	60.99 0.11 0.00	57.24 0.11 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	42.71 0.66 0.00	38.94 0.60 0.00	30.23 0.59 0.00	31.60 0.56 0.00	32.72 0.47 0.00	37.12 0.52 0.00	42.73 0.62 0.00	42.78 0.94 0.00	44.85 0.93 0.00	50.10 0.88 0.00	45.84 0.89 0.00	50.12 1.34 0.00	52.08 1.69 0.00	51.95 1.79 0.00	49.28 1.84 0.00	50.72 1.95 0.00	61.12 2.81 0.00	123.58 6.49 0.00	53.65 3.25 0.00	54.15 2.83 0.00	58.20 2.22 0.00	57.90 1.87 0.00	62.36 1.48 0.00	58.58 1.46 0.00
SWANROAD_115KV_TB1 355699	41.71 -0.34 0.00	37.91 -0.44 0.00	28.94 -0.70 0.00	30.64 -0.40 0.00	32.00 -0.25 0.00	36.35 -0.25 0.00	42.43 0.32 0.00	41.72 -0.12 0.00	43.48 -0.44 0.00	50.00 0.78 0.00	45.94 0.99 0.00	49.44 0.66 0.00	50.67 0.28 0.00	50.59 0.43 0.00	48.04 0.60 0.00	49.59 0.83 0.00	58.39 0.07 0.00	118.04 0.95 0.00	50.49 0.09 0.00	50.50 -0.83 0.00	54.46 -1.53 0.00	54.50 -1.54 0.00	59.91 -0.97 0.00	56.57 -0.56 0.00
SYNERGY___BIOGAS 323694	43.54 1.49 0.00	39.56 1.22 0.00	30.25 0.60 0.00	31.95 0.91 0.00	33.38 1.13 0.00	37.96 1.35 0.00	44.27 2.17 0.00	43.70 1.86 0.00	45.74 1.82 0.00	52.39 3.17 0.00	48.02 3.07 0.00	51.55 2.77 0.00	52.99 2.60 0.00	52.87 2.70 0.00	50.16 2.72 0.00	51.72 2.95 0.00	61.67 3.36 0.00	125.21 8.12 0.00	53.78 3.38 0.00	54.08 2.76 0.00	58.29 2.31 0.00	58.06 2.03 0.00	63.37 2.50 0.00	59.51 2.38 0.00
SYRACUSE___ENERGY_ST1 323597	41.98 -0.07 0.00	38.24 -0.11 0.00	29.51 -0.13 0.00	30.92 -0.12 0.00	32.15 -0.10 0.00	36.56 -0.05 0.00	42.18 0.08 0.00	41.82 -0.03 0.00	43.89 -0.03 0.00	49.36 0.14 0.00	45.08 0.13 0.00	48.84 0.06 0.00	50.40 0.01 0.00	50.30 0.13 0.00	47.67 0.23 0.00	49.14 0.37 0.00	58.89 0.58 0.00	118.91 1.82 0.00	51.29 0.90 0.00	51.97 0.65 0.00	56.37 0.39 0.00	56.18 0.15 0.00	60.91 0.03 0.00	57.05 -0.07 0.00
SYRACUSE___ENERGY_ST2 323598	41.98 -0.07 0.00	38.24 -0.11 0.00	29.51 -0.13 0.00	30.92 -0.12 0.00	32.15 -0.10 0.00	36.56 -0.05 0.00	42.18 0.08 0.00	41.82 -0.03 0.00	43.89 -0.03 0.00	49.36 0.14 0.00	45.08 0.13 0.00	48.84 0.06 0.00	50.40 0.01 0.00	50.30 0.13 0.00	47.67 0.23 0.00	49.14 0.37 0.00	58.89 0.58 0.00	118.91 1.82 0.00	51.29 0.90 0.00	51.97 0.65 0.00	56.37 0.39 0.00	56.18 0.15 0.00	60.91 0.03 0.00	57.05 -0.07 0.00
SYRACUSE___POWER 24017	42.00 -0.05 0.00	38.28 -0.06 0.00	29.53 -0.12 0.00	30.94 -0.10 0.00	32.17 -0.08 0.00	36.58 -0.03 0.00	42.19 0.08 0.00	41.85 0.01 0.00	43.94 0.02 0.00	49.44 0.22 0.00	45.15 0.20 0.00	48.96 0.17 0.00	50.52 0.13 0.00	50.43 0.26 0.00	47.79 0.34 0.00	49.22 0.45 0.00	58.98 0.67 0.00	119.15 2.06 0.00	51.42 1.02 0.00	52.06 0.74 0.00	56.45 0.47 0.00	56.24 0.21 0.00	60.95 0.07 0.00	57.08 -0.04 0.00
TALLMAN___138KV_BK151 55660	42.80 0.76 0.00	39.03 0.68 0.00	30.30 0.66 0.00	31.67 0.63 0.00	32.78 0.52 0.00	37.18 0.58 0.00	42.83 0.72 0.00	42.95 1.11 0.00	45.01 1.08 0.00	50.24 1.02 0.00	46.01 1.05 0.00	50.38 1.60 0.00	52.38 1.99 0.00	52.31 2.14 0.00	49.60 2.15 0.00	51.03 2.27 0.00	61.57 3.26 0.00	124.45 7.36 0.00	54.04 3.64 0.00	54.49 3.17 0.00	58.47 2.49 0.00	58.11 2.08 0.00	62.50 1.63 0.00	58.77 1.64 0.00
TEALLAVE_115KV_TB7 355573	41.82 -0.23 0.00	38.12 -0.23 0.00	29.39 -0.25 0.00	30.79 -0.25 0.00	32.03 -0.23 0.00	36.41 -0.19 0.00	41.99 -0.12 0.00	41.62 -0.22 0.00	43.70 -0.22 0.00	49.20 -0.02 0.00	44.94 -0.01 0.00	48.71 -0.07 0.00	50.30 -0.09 0.00	50.23 0.06 0.00	47.59 0.15 0.00	49.00 0.24 0.00	58.68 0.37 0.00	118.40 1.31 0.00	51.07 0.67 0.00	51.70 0.38 0.00	56.07 0.08 0.00	55.90 -0.14 0.00	60.59 -0.29 0.00	56.77 -0.36 0.00

TELGRAPH_34_KV_EAST 80808	42.64 0.59 0.00	38.73 0.39 0.00	29.61 -0.03 0.00	31.30 0.26 0.00	32.69 0.45 0.00	37.16 0.55 0.00	43.32 1.22 0.00	42.66 0.81 0.00	44.54 0.61 0.00	51.18 1.96 0.00	46.94 1.99 0.00	50.48 1.70 0.00	51.83 1.45 0.00	51.78 1.62 0.00	49.20 1.75 0.00	50.81 2.04 0.00	60.09 1.78 0.00	121.66 4.58 0.00	52.12 1.73 0.00	52.21 0.89 0.00	56.30 0.32 0.00	56.22 0.19 0.00	61.60 0.73 0.00	57.99 0.86 0.00
TEMPLE___115KV_TB 2 55572	41.83 -0.22 0.00	38.13 -0.21 0.00	29.41 -0.23 0.00	30.81 -0.23 0.00	32.04 -0.21 0.00	36.43 -0.17 0.00	42.01 -0.10 0.00	41.64 -0.20 0.00	43.72 -0.20 0.00	49.23 0.00 0.00	44.97 0.02 0.00	48.75 -0.03 0.00	50.35 -0.04 0.00	50.28 0.11 0.00	47.64 0.19 0.00	49.05 0.29 0.00	58.74 0.43 0.00	118.50 1.41 0.00	51.10 0.70 0.00	51.73 0.41 0.00	56.10 0.11 0.00	55.92 -0.11 0.00	60.62 -0.25 0.00	56.80 -0.33 0.00
TIANA___69_KV_BK 1 55817	44.27 2.22 0.00	39.93 1.59 0.00	31.12 1.48 0.00	32.38 1.34 0.00	33.31 1.06 0.00	37.91 1.31 0.00	43.52 1.42 0.00	43.50 1.65 0.00	45.93 2.00 0.00	51.44 2.21 0.00	47.07 2.12 0.00	52.06 3.28 0.00	53.58 3.19 0.00	54.99 3.94 -0.89	51.12 3.67 0.00	52.18 3.42 0.00	63.27 4.96 0.00	128.13 11.04 0.00	55.53 5.13 0.00	55.87 4.55 0.00	59.71 3.73 0.00	59.27 3.24 0.00	63.96 3.09 0.00	59.93 2.81 0.00
TILDEN___115KV_TB1 80814	42.00 -0.05 0.00	38.28 -0.06 0.00	29.53 -0.12 0.00	30.94 -0.10 0.00	32.17 -0.08 0.00	36.58 -0.03 0.00	42.19 0.08 0.00	41.85 0.01 0.00	43.94 0.02 0.00	49.44 0.22 0.00	45.15 0.20 0.00	48.96 0.17 0.00	50.52 0.13 0.00	50.43 0.26 0.00	47.79 0.34 0.00	49.22 0.45 0.00	58.98 0.67 0.00	119.15 2.06 0.00	51.42 1.02 0.00	52.06 0.74 0.00	56.45 0.47 0.00	56.24 0.21 0.00	60.95 0.07 0.00	57.08 -0.04 0.00
TRIGEN___CC 323695	43.34 1.29 0.00	39.38 1.04 0.00	30.60 0.96 0.00	31.90 0.86 0.00	32.97 0.72 0.00	37.49 0.88 0.00	43.18 1.07 0.00	43.26 1.42 0.00	45.44 1.52 0.00	50.83 1.61 0.00	46.67 1.72 0.00	51.14 2.36 0.00	52.91 2.52 0.00	53.83 2.78 -0.89	50.07 2.63 0.00	51.37 2.60 0.00	62.05 3.73 0.00	125.08 8.00 0.00	54.28 3.88 0.00	54.71 3.39 0.00	58.77 2.79 0.00	58.44 2.41 0.00	63.04 2.17 0.00	59.31 2.19 0.00
TRINITY___115KV__ 4 BK 55933	42.43 0.38 0.00	38.93 0.58 0.00	30.27 0.63 0.00	31.70 0.66 0.00	32.86 0.61 0.00	36.99 0.39 0.00	42.07 -0.04 0.00	41.81 -0.04 0.00	44.01 0.09 0.00	49.07 -0.15 0.00	44.45 -0.50 0.00	48.21 -0.57 0.00	50.01 -0.38 0.00	49.66 -0.51 0.00	47.07 -0.37 0.00	48.26 -0.50 0.00	57.55 -0.76 0.00	116.22 -0.87 0.00	50.47 0.07 0.00	51.52 0.20 0.00	56.09 0.11 0.00	56.04 0.01 0.00	60.63 -0.24 0.00	56.92 -0.21 0.00
UNION___PROCESSING_DRP 323587	42.75 0.71 0.00	38.85 0.50 0.00	29.82 0.18 0.00	31.37 0.33 0.00	32.71 0.45 0.00	37.16 0.56 0.00	43.15 1.04 0.00	42.68 0.84 0.00	44.83 0.90 0.00	51.20 1.98 0.00	46.87 1.92 0.00	50.54 1.76 0.00	52.09 1.70 0.00	52.07 1.90 0.00	49.43 1.99 0.00	50.98 2.22 0.00	60.60 2.29 0.00	122.37 5.28 0.00	52.52 2.12 0.00	52.83 1.51 0.00	57.04 1.06 0.00	56.89 0.86 0.00	61.99 1.11 0.00	58.18 1.06 0.00
UPPER HUDSON___HYD 24058	43.59 1.54 0.00	39.99 1.64 0.00	31.00 1.35 0.00	32.44 1.40 0.00	33.65 1.40 0.00	38.11 1.51 0.00	43.51 1.40 0.00	43.17 1.33 0.00	45.44 1.51 0.00	50.73 1.51 0.00	45.69 0.74 0.00	49.42 0.65 0.00	51.42 1.03 0.00	50.61 0.45 0.00	47.58 0.14 0.00	48.84 0.08 0.00	58.79 0.47 0.00	119.88 2.79 0.00	52.56 2.17 0.00	53.77 2.45 0.00	58.81 2.83 0.00	58.75 2.72 0.00	63.52 2.64 0.00	59.26 2.13 0.00
UPPER RAQUET___HYD 24056	42.57 0.52 0.00	38.79 0.45 0.00	29.89 0.24 0.00	31.22 0.18 0.00	32.51 0.26 0.00	37.11 0.50 0.00	42.79 0.68 0.00	42.58 0.74 0.00	44.66 0.73 0.00	49.70 0.48 0.00	45.18 0.23 0.00	48.66 -0.12 0.00	50.10 -0.29 0.00	49.51 -0.65 0.00	46.13 -1.32 0.00	47.07 -1.70 0.00	55.95 -2.36 0.00	112.31 -4.77 0.00	48.24 -2.16 0.00	49.80 -1.52 0.00	55.18 -0.80 0.00	55.61 -0.42 0.00	61.62 0.74 0.00	57.99 0.86 0.00
VALLEY44_115KV_TB2 355964	42.42 0.37 0.00	38.63 0.29 0.00	29.28 -0.36 0.00	30.79 -0.25 0.00	32.46 0.21 0.00	36.97 0.37 0.00	43.13 1.02 0.00	42.96 1.12 0.00	44.87 0.94 0.00	51.05 1.83 0.00	47.09 2.14 0.00	51.20 2.43 0.00	52.56 2.18 0.00	52.61 2.44 0.00	49.58 2.13 0.00	50.99 2.22 0.00	61.20 2.89 0.00	124.22 7.13 0.00	53.34 2.95 0.00	53.15 1.83 0.00	56.92 0.94 0.00	56.22 0.18 0.00	61.00 0.13 0.00	57.01 -0.11 0.00
VALLEY___115KV_TB 1-4 80826	42.33 0.28 0.00	38.84 0.49 0.00	30.15 0.51 0.00	31.54 0.50 0.00	32.76 0.50 0.00	37.08 0.48 0.00	42.52 0.41 0.00	42.28 0.43 0.00	44.16 0.24 0.00	48.91 -0.32 0.00	44.70 -0.25 0.00	48.55 -0.23 0.00	50.09 -0.30 0.00	49.58 -0.59 0.00	46.63 -0.81 0.00	47.86 -0.91 0.00	57.38 -0.94 0.00	117.24 0.15 0.00	51.26 0.86 0.00	52.31 0.99 0.00	56.90 0.92 0.00	56.89 0.86 0.00	61.58 0.70 0.00	57.71 0.58 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	43.13 1.08 0.00	39.34 1.00 0.00	30.42 0.77 0.00	31.84 0.80 0.00	33.07 0.82 0.00	37.52 0.92 0.00	43.27 1.16 0.00	43.11 1.27 0.00	45.24 1.32 0.00	50.72 1.50 0.00	46.32 1.37 0.00	50.44 1.66 0.00	52.32 1.93 0.00	52.15 1.98 0.00	49.21 1.76 0.00	50.59 1.83 0.00	60.84 2.53 0.00	123.03 5.94 0.00	53.21 2.81 0.00	53.78 2.46 0.00	58.20 2.22 0.00	58.00 1.97 0.00	62.66 1.79 0.00	58.72 1.60 0.00
VISCHER___FERRY HYD 24020	43.18 1.13 0.00	39.62 1.28 0.00	30.76 1.12 0.00	32.22 1.18 0.00	33.41 1.15 0.00	37.60 1.00 0.00	42.77 0.67 0.00	42.43 0.59 0.00	44.72 0.80 0.00	49.94 0.72 0.00	45.14 0.19 0.00	48.87 0.09 0.00	50.75 0.36 0.00	50.31 0.15 0.00	47.65 0.20 0.00	48.82 0.06 0.00	58.21 -0.10 0.00	117.70 0.61 0.00	51.21 0.81 0.00	52.35 1.03 0.00	57.15 1.17 0.00	57.14 1.11 0.00	61.88 1.00 0.00	58.01 0.88 0.00
V_A_10_SYNC_DSASP 323832	42.09 0.04 0.00	38.24 -0.10 0.00	29.32 -0.32 0.00	30.93 -0.11 0.00	32.29 0.04 0.00	36.66 0.05 0.00	42.59 0.49 0.00	41.95 0.11 0.00	44.02 0.10 0.00	50.44 1.21 0.00	46.27 1.32 0.00	49.88 1.10 0.00	51.22 0.83 0.00	51.13 0.97 0.00	48.52 1.07 0.00	50.04 1.28 0.00	59.22 0.91 0.00	119.65 2.56 0.00	51.25 0.85 0.00	51.36 0.04 0.00	55.42 -0.56 0.00	55.39 -0.64 0.00	60.68 -0.20 0.00	57.17 0.04 0.00
V_CMM_10_SYNC_DSASP 323787	42.31 0.26 0.00	38.48 0.13 0.00	29.66 0.02 0.00	31.06 0.02 0.00	32.30 0.05 0.00	36.72 0.12 0.00	42.31 0.20 0.00	42.04 0.20 0.00	44.18 0.25 0.00	49.39 0.16 0.00	45.23 0.28 0.00	48.87 0.09 0.00	50.30 -0.08 0.00	49.97 -0.19 0.00	47.06 -0.38 0.00	48.35 -0.41 0.00	57.55 -0.77 0.00	115.01 -2.08 0.00	49.19 -1.20 0.00	50.53 -0.79 0.00	55.59 -0.40 0.00	55.71 -0.32 0.00	61.12 0.24 0.00	57.40 0.27 0.00

V_CMP_10_SYNC_DSASP 323788	42.66 0.61 0.00	38.63 0.29 0.00	29.71 0.07 0.00	31.12 0.08 0.00	32.39 0.14 0.00	36.89 0.29 0.00	42.60 0.49 0.00	42.37 0.53 0.00	44.56 0.64 0.00	49.88 0.66 0.00	45.61 0.65 0.00	49.54 0.76 0.00	51.03 0.65 0.00	50.55 0.39 0.00	47.66 0.21 0.00	48.70 -0.07 0.00	58.27 -0.04 0.00	116.73 -0.36 0.00	50.15 -0.25 0.00	51.27 -0.05 0.00	56.17 0.19 0.00	56.43 0.40 0.00	62.11 1.23 0.00	58.54 1.42 0.00
V_D_10_SYNC_DSASP 323841	42.52 0.47 0.00	38.72 0.38 0.00	29.86 0.21 0.00	31.25 0.21 0.00	32.52 0.27 0.00	36.99 0.38 0.00	42.62 0.51 0.00	42.35 0.51 0.00	44.50 0.57 0.00	49.71 0.49 0.00	45.39 0.44 0.00	49.07 0.29 0.00	50.52 0.13 0.00	50.15 -0.01 0.00	47.16 -0.29 0.00	48.40 -0.37 0.00	57.61 -0.70 0.00	115.19 -1.90 0.00	49.34 -1.06 0.00	50.72 -0.60 0.00	55.83 -0.15 0.00	56.04 0.01 0.00	61.57 0.70 0.00	57.80 0.67 0.00
V_E_10_SYNC_DSASP 323830	43.07 1.02 0.00	39.61 1.26 0.00	30.57 0.92 0.00	32.20 1.17 0.00	33.44 1.19 0.00	38.21 1.61 0.00	44.54 2.44 0.00	44.57 2.73 0.00	46.82 2.89 0.00	52.62 3.40 0.00	47.40 2.45 0.00	51.96 3.18 0.00	53.35 2.97 0.00	53.20 3.04 0.00	50.43 2.98 0.00	51.78 3.01 0.00	62.16 3.85 0.00	130.19 13.10 0.00	56.68 6.28 0.00	57.54 6.22 0.00	62.14 6.15 0.00	61.51 5.48 0.00	66.26 5.39 0.00	61.63 4.51 0.00
V_F_30_NSYNC___DSASP 323816	43.64 1.59 0.00	39.96 1.62 0.00	30.99 1.35 0.00	32.45 1.41 0.00	33.67 1.42 0.00	38.08 1.48 0.00	43.52 1.41 0.00	43.21 1.37 0.00	45.43 1.51 0.00	50.77 1.54 0.00	45.95 1.00 0.00	49.84 1.06 0.00	51.69 1.31 0.00	51.19 1.03 0.00	48.31 0.86 0.00	49.53 0.77 0.00	59.39 1.08 0.00	120.58 3.50 0.00	52.53 2.13 0.00	53.58 2.26 0.00	58.43 2.45 0.00	58.38 2.35 0.00	63.18 2.31 0.00	59.11 1.98 0.00
V_F_30_SYNC_DSASP 323786	42.62 0.57 0.00	39.08 0.73 0.00	30.39 0.74 0.00	31.81 0.77 0.00	32.99 0.73 0.00	37.15 0.54 0.00	42.29 0.18 0.00	42.03 0.19 0.00	44.26 0.34 0.00	49.34 0.12 0.00	44.74 -0.21 0.00	48.56 -0.22 0.00	50.34 -0.05 0.00	49.99 -0.17 0.00	47.43 -0.02 0.00	48.61 -0.15 0.00	58.05 -0.26 0.00	117.29 0.20 0.00	50.89 0.50 0.00	51.89 0.57 0.00	56.47 0.49 0.00	56.39 0.36 0.00	60.98 0.11 0.00	57.23 0.10 0.00
V_XM_10_SYNC_DSASP 323789	42.66 0.61 0.00	38.63 0.29 0.00	29.71 0.07 0.00	31.12 0.08 0.00	32.39 0.14 0.00	36.89 0.29 0.00	42.60 0.49 0.00	42.37 0.53 0.00	44.56 0.64 0.00	49.88 0.66 0.00	45.61 0.65 0.00	49.54 0.76 0.00	51.03 0.65 0.00	50.55 0.39 0.00	47.66 0.21 0.00	48.70 -0.07 0.00	58.27 -0.04 0.00	116.73 -0.36 0.00	50.15 -0.25 0.00	51.27 -0.05 0.00	56.17 0.19 0.00	56.43 0.40 0.00	62.11 1.23 0.00	58.54 1.42 0.00
W.BABYLN_69_KV_BK1 56697	44.16 2.11 0.00	40.02 1.67 0.00	31.11 1.46 0.00	32.41 1.37 0.00	33.45 1.19 0.00	38.08 1.48 0.00	43.85 1.74 0.00	43.95 2.11 0.00	46.18 2.26 0.00	51.73 2.51 0.00	47.42 2.46 0.00	52.17 3.39 0.00	53.88 3.49 0.00	54.99 3.94 -0.89	51.11 3.67 0.00	52.28 3.51 0.00	63.36 5.05 0.00	127.90 10.81 0.00	55.42 5.02 0.00	55.83 4.51 0.00	59.89 3.91 0.00	59.43 3.40 0.00	64.11 3.23 0.00	60.25 3.13 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	42.96 0.91 0.00	39.17 0.83 0.00	30.41 0.77 0.00	31.79 0.75 0.00	32.91 0.66 0.00	37.33 0.73 0.00	43.00 0.89 0.00	43.12 1.28 0.00	45.19 1.27 0.00	50.44 1.21 0.00	46.20 1.24 0.00	50.56 1.78 0.00	52.58 2.20 0.00	52.49 2.32 0.00	49.78 2.33 0.00	51.22 2.46 0.00	61.79 3.48 0.00	124.93 7.84 0.00	54.24 3.84 0.00	54.69 3.37 0.00	58.68 2.70 0.00	58.32 2.29 0.00	62.74 1.87 0.00	58.99 1.87 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	43.17 1.12 0.00	39.23 0.88 0.00	30.53 0.89 0.00	31.86 0.83 0.00	32.98 0.72 0.00	37.41 0.80 0.00	43.14 1.03 0.00	43.31 1.47 0.00	45.47 1.54 0.00	50.76 1.54 0.00	46.44 1.49 0.00	50.79 2.01 0.00	52.73 2.34 0.00	52.56 2.40 0.00	49.79 2.35 0.00	51.19 2.43 0.00	61.69 3.38 0.00	124.49 7.40 0.00	54.08 3.68 0.00	54.50 3.18 0.00	58.46 2.48 0.00	58.20 2.18 0.00	62.83 1.96 0.00	59.13 2.01 0.00
W50THST__13_KV_LOAD 356117	43.31 1.26 0.00	39.46 1.12 0.00	30.68 1.04 0.00	32.03 0.99 0.00	33.14 0.89 0.00	37.63 1.02 0.00	43.42 1.31 0.00	43.63 1.79 0.00	45.83 1.91 0.00	51.22 1.99 0.00	46.92 1.97 0.00	51.32 2.54 0.00	53.28 2.90 0.00	53.12 2.95 0.00	50.36 2.91 0.00	51.80 3.04 0.00	62.40 4.09 0.00	125.80 8.71 0.00	54.60 4.21 0.00	54.97 3.65 0.00	58.92 2.94 0.00	58.64 2.61 0.00	63.26 2.39 0.00	59.51 2.38 0.00
WADING RIVER_IC_1 23522	43.86 1.81 0.00	39.50 1.16 0.00	30.88 1.24 0.00	32.15 1.11 0.00	33.11 0.86 0.00	37.67 1.07 0.00	43.17 1.06 0.00	42.96 1.12 0.00	45.22 1.30 0.00	50.60 1.38 0.00	46.18 1.22 0.00	50.94 2.16 0.00	52.48 2.09 0.00	53.97 2.92 -0.89	50.07 2.63 0.00	51.12 2.35 0.00	61.99 3.68 0.00	125.46 8.37 0.00	54.39 3.99 0.00	54.77 3.45 0.00	58.65 2.66 0.00	58.19 2.16 0.00	62.71 1.83 0.00	58.88 1.76 0.00
WADING RIVER_IC_2 23547	43.86 1.81 0.00	39.50 1.16 0.00	30.88 1.24 0.00	32.15 1.11 0.00	33.11 0.86 0.00	37.67 1.07 0.00	43.17 1.06 0.00	42.96 1.12 0.00	45.22 1.30 0.00	50.60 1.38 0.00	46.18 1.22 0.00	50.94 2.16 0.00	52.48 2.09 0.00	53.97 2.92 -0.89	50.07 2.63 0.00	51.12 2.35 0.00	61.99 3.68 0.00	125.46 8.37 0.00	54.39 3.99 0.00	54.77 3.45 0.00	58.65 2.66 0.00	58.19 2.16 0.00	62.71 1.83 0.00	58.88 1.76 0.00
WADING RIVER_IC_3 23601	43.86 1.81 0.00	39.50 1.16 0.00	30.88 1.24 0.00	32.15 1.11 0.00	33.11 0.86 0.00	37.67 1.07 0.00	43.17 1.06 0.00	42.96 1.12 0.00	45.22 1.30 0.00	50.60 1.38 0.00	46.18 1.22 0.00	50.94 2.16 0.00	52.48 2.09 0.00	53.97 2.92 -0.89	50.07 2.63 0.00	51.12 2.35 0.00	61.99 3.68 0.00	125.46 8.37 0.00	54.39 3.99 0.00	54.77 3.45 0.00	58.65 2.66 0.00	58.19 2.16 0.00	62.71 1.83 0.00	58.88 1.76 0.00
WALDENNY_12_KV_BK2 80841	42.75 0.71 0.00	38.79 0.45 0.00	29.63 -0.02 0.00	31.34 0.30 0.00	32.77 0.52 0.00	37.22 0.62 0.00	43.39 1.28 0.00	42.76 0.91 0.00	44.84 0.91 0.00	51.59 2.37 0.00	47.38 2.43 0.00	51.10 2.33 0.00	52.49 2.10 0.00	52.42 2.25 0.00	49.78 2.34 0.00	51.36 2.60 0.00	60.78 2.47 0.00	122.98 5.90 0.00	52.57 2.17 0.00	52.47 1.15 0.00	56.62 0.64 0.00	56.55 0.52 0.00	62.00 1.13 0.00	58.39 1.26 0.00
WALDEN___HYDRO 24148	42.91 0.86 0.00	39.13 0.78 0.00	30.37 0.73 0.00	31.74 0.70 0.00	32.87 0.62 0.00	37.30 0.69 0.00	42.94 0.84 0.00	43.02 1.17 0.00	45.08 1.16 0.00	50.35 1.13 0.00	46.03 1.08 0.00	50.31 1.53 0.00	52.27 1.88 0.00	52.15 1.98 0.00	49.53 2.08 0.00	50.92 2.15 0.00	61.37 3.06 0.00	124.27 7.18 0.00	53.94 3.55 0.00	54.49 3.17 0.00	58.59 2.61 0.00	58.27 2.25 0.00	62.77 1.89 0.00	58.94 1.81 0.00

WARRENSBURG____ 23737	43.59 1.54 0.00	39.99 1.64 0.00	31.00 1.35 0.00	32.44 1.40 0.00	33.65 1.40 0.00	38.11 1.51 0.00	43.51 1.40 0.00	43.16 1.32 0.00	45.43 1.51 0.00	50.73 1.51 0.00	45.69 0.74 0.00	49.42 0.64 0.00	51.42 1.03 0.00	50.61 0.44 0.00	47.58 0.14 0.00	48.84 0.08 0.00	58.78 0.47 0.00	119.88 2.79 0.00	52.56 2.17 0.00	53.77 2.45 0.00	58.81 2.83 0.00	58.75 2.72 0.00	63.52 2.64 0.00	59.26 2.14 0.00
WATERSIDE____6 8 9 23538	43.09 1.04 0.00	39.25 0.91 0.00	30.57 0.93 0.00	31.87 0.83 0.00	32.97 0.71 0.00	37.42 0.82 0.00	43.17 1.07 0.00	43.33 1.49 0.00	45.49 1.56 0.00	50.74 1.52 0.00	46.47 1.52 0.00	50.76 1.98 0.00	52.67 2.28 0.00	52.51 2.34 0.00	49.74 2.29 0.00	51.14 2.38 0.00	61.55 3.24 0.00	124.22 7.13 0.00	53.96 3.56 0.00	54.36 3.04 0.00	58.32 2.33 0.00	58.12 2.09 0.00	62.75 1.87 0.00	59.12 1.99 0.00
WATKINRD_115KV_LN8_ILLION 55919	42.19 0.14 0.00	38.66 0.32 0.00	29.97 0.33 0.00	31.36 0.32 0.00	32.57 0.32 0.00	36.90 0.29 0.00	42.32 0.21 0.00	42.08 0.24 0.00	44.01 0.09 0.00	48.90 -0.33 0.00	44.68 -0.27 0.00	48.53 -0.25 0.00	50.12 -0.27 0.00	49.69 -0.48 0.00	46.83 -0.62 0.00	48.07 -0.70 0.00	57.61 -0.70 0.00	117.09 0.01 0.00	51.01 0.61 0.00	52.00 0.68 0.00	56.60 0.62 0.00	56.60 0.57 0.00	61.29 0.41 0.00	57.45 0.32 0.00
WDELAWARE____HYD 323627	42.27 0.23 0.00	38.52 0.18 0.00	29.87 0.23 0.00	31.23 0.19 0.00	32.36 0.11 0.00	36.75 0.15 0.00	42.35 0.24 0.00	42.41 0.56 0.00	44.43 0.51 0.00	49.61 0.39 0.00	45.40 0.44 0.00	49.47 0.69 0.00	51.44 1.05 0.00	51.43 1.27 0.00	48.79 1.35 0.00	50.17 1.41 0.00	60.53 2.22 0.00	122.99 5.90 0.00	53.33 2.94 0.00	53.86 2.54 0.00	57.96 1.98 0.00	57.61 1.58 0.00	62.04 1.17 0.00	58.17 1.05 0.00
WEST BABYLON____IC 23714	44.16 2.11 0.00	40.02 1.67 0.00	31.11 1.46 0.00	32.41 1.37 0.00	33.45 1.19 0.00	38.08 1.48 0.00	43.85 1.74 0.00	43.95 2.11 0.00	46.18 2.26 0.00	51.73 2.51 0.00	47.42 2.46 0.00	52.17 3.39 0.00	53.88 3.49 0.00	54.99 3.94 -0.89	51.11 3.67 0.00	52.28 3.51 0.00	63.36 5.05 0.00	127.90 10.81 0.00	55.42 5.02 0.00	55.83 4.51 0.00	59.89 3.91 0.00	59.43 3.40 0.00	64.11 3.23 0.00	60.25 3.13 0.00
WEST CANADA____HYD 24049	42.04 -0.01 0.00	38.37 0.02 0.00	29.69 0.05 0.00	31.07 0.03 0.00	32.28 0.03 0.00	36.63 0.03 0.00	42.11 0.00 0.00	41.86 0.02 0.00	43.93 0.00 0.00	49.15 -0.07 0.00	44.86 -0.09 0.00	48.73 -0.05 0.00	50.34 -0.05 0.00	50.08 -0.09 0.00	47.38 -0.06 0.00	48.69 -0.08 0.00	58.30 -0.01 0.00	117.38 0.29 0.00	50.70 0.30 0.00	51.55 0.23 0.00	56.09 0.11 0.00	56.09 0.06 0.00	60.86 -0.01 0.00	57.12 -0.01 0.00
WESTERN_NY_WIND 24143	43.49 1.44 0.00	39.52 1.18 0.00	30.21 0.56 0.00	31.92 0.88 0.00	33.35 1.10 0.00	37.92 1.31 0.00	44.23 2.12 0.00	43.65 1.81 0.00	45.68 1.76 0.00	52.33 3.10 0.00	47.98 3.02 0.00	51.51 2.73 0.00	52.93 2.54 0.00	52.82 2.65 0.00	50.10 2.66 0.00	51.66 2.89 0.00	61.59 3.28 0.00	125.08 7.99 0.00	53.70 3.30 0.00	53.99 2.67 0.00	58.18 2.19 0.00	57.97 1.94 0.00	63.28 2.40 0.00	59.42 2.29 0.00
WESTOVER____LESR 323668	42.05 0.00 0.00	38.38 0.04 0.00	29.55 -0.10 0.00	30.99 -0.05 0.00	32.23 -0.02 0.00	36.63 0.03 0.00	42.35 0.24 0.00	42.13 0.29 0.00	44.12 0.20 0.00	49.63 0.41 0.00	45.47 0.52 0.00	49.44 0.66 0.00	51.12 0.73 0.00	51.01 0.84 0.00	48.32 0.87 0.00	49.66 0.90 0.00	59.70 1.39 0.00	120.59 3.50 0.00	52.10 1.71 0.00	52.60 1.28 0.00	56.88 0.89 0.00	56.54 0.51 0.00	61.24 0.36 0.00	57.31 0.18 0.00
WETHRSFD_WT_PWR 323626	39.19 -0.29 2.56	35.26 -0.49 2.60	26.65 -0.90 2.10	29.08 -0.58 1.37	30.12 -0.34 1.78	33.64 -0.28 2.69	41.08 0.27 1.29	41.79 0.11 0.17	42.20 -0.05 1.68	46.34 1.13 4.02	45.34 1.26 0.87	50.06 1.28 0.00	51.62 1.23 0.00	51.53 1.36 0.00	48.79 1.35 0.00	50.11 1.34 0.00	59.69 1.38 0.00	121.54 4.45 0.00	52.10 1.71 0.00	52.14 0.82 0.00	54.28 0.32 2.02	53.97 -0.22 1.84	56.22 0.19 4.85	50.76 0.31 6.68
WHAVSTOR_138KV_BK127 55557	42.76 0.71 0.00	38.99 0.64 0.00	30.28 0.64 0.00	31.64 0.60 0.00	32.75 0.50 0.00	37.15 0.55 0.00	42.79 0.68 0.00	42.87 1.03 0.00	44.94 1.02 0.00	50.16 0.94 0.00	45.92 0.97 0.00	50.25 1.47 0.00	52.24 1.85 0.00	52.14 1.97 0.00	49.42 1.97 0.00	50.84 2.07 0.00	61.32 3.01 0.00	123.89 6.81 0.00	53.81 3.42 0.00	54.28 2.96 0.00	58.26 2.28 0.00	57.94 1.91 0.00	62.37 1.49 0.00	58.66 1.54 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	42.76 0.71 0.00	38.99 0.64 0.00	30.28 0.64 0.00	31.64 0.60 0.00	32.75 0.50 0.00	37.15 0.55 0.00	42.79 0.68 0.00	42.87 1.03 0.00	44.94 1.02 0.00	50.16 0.94 0.00	45.92 0.97 0.00	50.25 1.47 0.00	52.24 1.85 0.00	52.14 1.97 0.00	49.42 1.97 0.00	50.84 2.07 0.00	61.32 3.01 0.00	123.89 6.81 0.00	53.81 3.42 0.00	54.28 2.96 0.00	58.26 2.28 0.00	57.94 1.91 0.00	62.37 1.49 0.00	58.66 1.54 0.00
WHITEHAL_115KV_TB1 80871	44.95 2.91 0.00	41.36 3.01 0.00	32.06 2.42 0.00	33.49 2.45 0.00	34.76 2.51 0.00	39.45 2.85 0.00	44.72 2.61 0.00	43.94 2.10 0.00	46.36 2.44 0.00	51.76 2.54 0.00	46.61 1.66 0.00	50.21 1.43 0.00	52.81 2.42 0.00	51.92 1.76 0.00	48.69 1.25 0.00	49.72 0.95 0.00	60.42 2.11 0.00	122.77 5.68 0.00	53.76 3.36 0.00	55.52 4.20 0.00	60.50 4.52 0.00	60.73 4.69 0.00	65.88 5.01 0.00	61.19 4.06 0.00
WHITEPLN_13_KV_LOAD 356215	43.37 1.32 0.00	39.52 1.17 0.00	30.70 1.05 0.00	32.06 1.02 0.00	33.18 0.93 0.00	37.66 1.05 0.00	43.42 1.31 0.00	43.59 1.75 0.00	45.75 1.82 0.00	51.10 1.88 0.00	46.83 1.87 0.00	51.19 2.41 0.00	53.20 2.81 0.00	53.09 2.93 0.00	50.35 2.90 0.00	51.83 3.06 0.00	62.49 4.18 0.00	126.27 9.18 0.00	54.82 4.42 0.00	55.24 3.92 0.00	59.28 3.29 0.00	58.96 2.93 0.00	63.51 2.64 0.00	59.66 2.54 0.00
WM_FLOYD_69_KV_BK2 356380	43.96 1.92 0.00	39.71 1.36 0.00	30.97 1.33 0.00	32.25 1.21 0.00	33.24 0.99 0.00	37.82 1.22 0.00	43.46 1.35 0.00	43.40 1.56 0.00	45.66 1.73 0.00	51.11 1.89 0.00	46.71 1.76 0.00	51.51 2.73 0.00	53.05 2.66 0.00	54.37 3.32 -0.89	50.44 2.99 0.00	51.50 2.74 0.00	62.47 4.16 0.00	126.40 9.31 0.00	54.81 4.41 0.00	55.20 3.88 0.00	59.15 3.17 0.00	58.70 2.67 0.00	63.32 2.45 0.00	59.49 2.37 0.00
WOODARD__115KV_TB2 355635	41.73 -0.32 0.00	38.03 -0.31 0.00	29.34 -0.31 0.00	30.73 -0.31 0.00	31.97 -0.28 0.00	36.34 -0.27 0.00	41.88 -0.23 0.00	41.51 -0.33 0.00	43.59 -0.33 0.00	49.03 -0.19 0.00	44.78 -0.17 0.00	48.52 -0.26 0.00	50.11 -0.28 0.00	50.02 -0.14 0.00	47.39 -0.05 0.00	48.80 0.04 0.00	58.45 0.14 0.00	117.91 0.82 0.00	50.86 0.46 0.00	51.50 0.18 0.00	55.88 -0.10 0.00	55.74 -0.29 0.00	60.43 -0.45 0.00	56.62 -0.51 0.00

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