

Time Weighted/Integrated Real Time LBMP- Generator

		--- LBMP \$					--- Marginal Cost of Losses					--- Marginal Cost of Congestion													06/05/2025		
Generator Data																											
Name		00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00		
PTID		EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT		
59TH STREET_GT_1		30.37	27.72	25.11	18.01	16.02	25.88	28.92	29.42	31.11	39.13	37.01	39.44	37.60	41.99	42.14	43.98	156.40	51.57	50.19	52.98	48.41	52.75	44.38	44.18		
24138		1.60	1.64	1.49	1.16	0.99	1.30	1.22	1.44	1.73	2.18	2.63	2.94	3.02	3.37	3.31	3.35	11.25	3.81	3.64	3.42	2.64	2.74	2.44	2.34		
		-2.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.52	0.49	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.02		
74TH STREET_GT_1		30.42	27.80	25.20	18.05	16.05	25.93	29.01	29.48	31.10	39.07	36.97	39.38	37.55	41.93	42.11	43.96	156.40	51.57	50.16	53.02	48.54	52.91	44.50	44.28		
24260		1.65	1.72	1.58	1.20	1.02	1.36	1.31	1.50	1.72	2.12	2.59	2.87	2.98	3.31	3.28	3.34	11.26	3.81	3.60	3.45	2.76	2.90	2.56	2.45		
		-2.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.52	0.49	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.02		
74TH STREET_GT_2		30.42	27.80	25.20	18.05	16.05	25.93	29.01	29.48	31.10	39.07	36.97	39.38	37.55	41.93	42.11	43.96	156.40	51.57	50.16	53.02	48.54	52.91	44.50	44.28		
24261		1.65	1.72	1.58	1.20	1.02	1.36	1.31	1.50	1.72	2.12	2.59	2.87	2.98	3.31	3.28	3.34	11.26	3.81	3.60	3.45	2.76	2.90	2.56	2.45		
		-2.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.52	0.49	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.02		
ADK HUDSON___FALLS		100.67	28.02	25.40	18.10	16.12	26.25	29.35	29.38	30.59	37.76	35.59	38.12	36.11	40.34	40.70	42.72	151.29	49.97	49.02	52.47	48.17	52.58	43.98	44.01		
24011		1.85	1.94	1.78	1.25	1.09	1.67	1.64	1.40	1.21	0.94	1.25	1.62	1.53	1.71	1.87	2.09	6.15	2.21	2.46	2.91	2.40	2.56	2.04	2.16		
		-72.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.65	0.53	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.00	0.02		
ADK RESOURCE___RCVRY		98.96	28.19	25.54	18.20	16.20	26.40	29.52	29.45	30.62	37.77	35.65	38.31	36.26	40.50	40.85	42.97	151.70	50.24	49.31	52.95	48.57	52.87	44.21	44.22		
23798		2.00	2.11	1.93	1.35	1.18	1.83	1.82	1.48	1.25	0.95	1.31	1.81	1.68	1.88	2.02	2.34	6.55	2.48	2.76	3.39	2.80	2.85	2.27	2.38		
		-70.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.65	0.53	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.00	0.02		
ADK S GLENS___FALLS		100.67	28.02	25.40	18.10	16.12	26.25	29.35	29.38	30.59	37.76	35.59	38.12	36.11	40.34	40.70	42.72	151.29	49.97	49.02	52.47	48.17	52.58	43.98	44.01		
24028		1.85	1.94	1.78	1.25	1.09	1.67	1.64	1.40	1.21	0.94	1.25	1.62	1.53	1.71	1.87	2.09	6.15	2.21	2.46	2.91	2.40	2.56	2.04	2.16		
		-72.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.65	0.53	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.00	0.02		
ADK_NYS___DAM		127.77	27.88	25.31	18.03	16.07	26.08	28.97	29.02	30.40	37.73	35.48	37.65	35.61	39.84	40.14	41.96	148.42	48.55	47.73	51.13	47.08	51.66	43.60	44.13		
23527		1.70	1.81	1.69	1.19	1.04	1.50	1.27	1.04	1.02	0.88	1.13	1.15	1.04	1.22	1.31	1.32	3.27	0.79	1.17	1.57	1.31	1.64	1.66	2.29		
		-99.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.61	0.52	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.00	0.02		
AIR_PRODUCTS___DRP		24.99	26.35	23.90	17.09	15.21	24.67	27.57	27.83	29.20	36.44	34.31	36.56	34.59	38.56	38.78	40.49	145.31	47.51	46.62	49.48	45.54	49.69	41.70	41.53		
24190		0.16	0.27	0.28	0.23	0.18	0.09	-0.13	-0.15	-0.18	-0.42	-0.04	0.06	0.01	-0.06	-0.05	-0.14	0.16	-0.25	0.06	-0.09	-0.23	-0.33	-0.24	-0.31		
		1.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.60	0.52	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.00	0.02		
AKWESSNE_115KV_BK		26.30	25.98	23.51	16.72	14.95	24.61	27.94	28.29	29.63	38.28	34.75	36.43	34.27	38.36	38.64	40.64	145.80	47.66	46.65	49.91	46.25	50.75	42.44	42.31		
355683		-0.06	-0.10	-0.11	-0.13	-0.08	0.03	0.24	0.31	0.25	0.45	0.08	-0.09	-0.30	-0.26	-0.19	0.01	0.65	-0.10	0.09	0.34	0.48	0.68	0.50	0.45		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.63	0.21	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
ALBANY_1_SOLAR		27.34	26.91	24.41	17.46	15.54	25.23	28.19	28.30	29.57	36.86	34.61	36.89	34.92	38.85	39.17	40.85	146.19	48.07	47.26	50.35	46.46	50.78	42.58	42.44		
323833		0.70	0.83	0.79	0.60	0.52	0.65	0.49	0.32	0.19	-0.02	0.24	0.39	0.35	0.22	0.34	0.21	1.04	0.31	0.70	0.79	0.69	0.75	0.64	0.60		
		-0.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.59	0.51	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.00	0.02		
ALBANY_2_SOLAR		27.34	26.90	24.41	17.45	15.53	25.22	28.17	28.29	29.57	36.85	34.60	36.88	34.91	38.84	39.16	40.84	146.18	48.07	47.25	50.34	46.45	50.76	42.56	42.42		
323834		0.69	0.82	0.79	0.60	0.51	0.64	0.47	0.31	0.19	-0.03	0.24	0.38	0.34	0.21	0.33	0.21	1.04	0.31	0.69	0.77	0.68	0.74	0.62	0.58		
		-0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.59	0.51	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.00	0.02		
ALBANY___1		24.99	26.35	23.90	17.09	15.21	24.67	27.57	27.83	29.20	36.44	34.31	36.56	34.59	38.56	38.78	40.49	145.31	47.51	46.62	49.48	45.54	49.69	41.70	41.53		
23571		0.16	0.27	0.28	0.23	0.18	0.09	-0.13	-0.15	-0.18	-0.42	-0.04	0.06	0.01	-0.06	-0.05	-0.14	0.16	-0.25	0.06	-0.09	-0.23	-0.33	-0.24	-0.31		
		1.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.60	0.52	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.00	0.02		

ALBANY___2 23572	24.99 0.16 1.52	26.35 0.27 0.00	23.90 0.28 0.00	17.09 0.23 0.00	15.21 0.18 0.00	24.67 0.09 0.00	27.57 -0.13 0.00	27.83 -0.15 0.00	29.20 -0.18 0.00	36.44 -0.42 1.60	34.31 -0.04 0.52	36.56 0.06 0.03	34.59 0.01 0.00	38.56 -0.06 0.00	38.78 -0.05 0.00	40.49 -0.14 0.00	145.31 0.16 0.00	47.51 -0.25 0.00	46.62 0.06 0.00	49.48 -0.09 0.00	45.54 -0.23 0.00	49.69 -0.33 0.06	41.70 -0.24 0.00	41.53 -0.31 0.02
ALBANY___3 23573	24.99 0.16 1.52	26.35 0.27 0.00	23.90 0.28 0.00	17.09 0.23 0.00	15.21 0.18 0.00	24.67 0.09 0.00	27.57 -0.13 0.00	27.83 -0.15 0.00	29.20 -0.18 0.00	36.44 -0.42 1.60	34.31 -0.04 0.52	36.56 0.06 0.03	34.59 0.01 0.00	38.56 -0.06 0.00	38.78 -0.05 0.00	40.49 -0.14 0.00	145.31 0.16 0.00	47.51 -0.25 0.00	46.62 0.06 0.00	49.48 -0.09 0.00	45.54 -0.23 0.00	49.69 -0.33 0.06	41.70 -0.24 0.00	41.53 -0.31 0.02
ALBANY___4 23574	24.99 0.16 1.52	26.35 0.27 0.00	23.90 0.28 0.00	17.09 0.23 0.00	15.21 0.18 0.00	24.67 0.09 0.00	27.57 -0.13 0.00	27.83 -0.15 0.00	29.20 -0.18 0.00	36.44 -0.42 1.60	34.31 -0.04 0.52	36.56 0.06 0.03	34.59 0.01 0.00	38.56 -0.06 0.00	38.78 -0.05 0.00	40.49 -0.14 0.00	145.31 0.16 0.00	47.51 -0.25 0.00	46.62 0.06 0.00	49.48 -0.09 0.00	45.54 -0.23 0.00	49.69 -0.33 0.06	41.70 -0.24 0.00	41.53 -0.31 0.02
ALBANY___LFGE 323615	31.16 0.44 -4.36	26.62 0.54 0.00	24.14 0.52 0.00	17.26 0.41 0.00	15.36 0.34 0.00	24.92 0.34 0.00	27.86 0.16 0.00	28.12 0.15 0.00	29.46 0.08 0.00	36.78 -0.07 1.61	34.63 0.28 0.52	36.94 0.44 0.03	34.95 0.38 0.00	39.01 0.39 0.00	39.24 0.41 0.00	40.97 0.34 0.00	147.74 2.59 0.00	48.32 0.57 0.00	47.44 0.89 0.00	50.32 0.75 0.00	46.32 0.55 0.00	50.52 0.49 0.06	42.36 0.42 0.00	42.10 0.25 0.02
ALCOA_PA_115KV_PL-6C 55860	26.37 0.01 0.00	26.05 -0.03 0.00	23.56 -0.05 0.00	16.75 -0.10 0.00	14.98 -0.04 0.00	24.67 0.10 0.00	28.06 0.35 0.00	28.40 0.42 0.00	29.72 0.34 0.00	38.37 0.55 0.65	34.84 0.17 0.21	36.49 -0.03 0.01	34.29 -0.28 0.00	38.38 -0.24 0.00	38.68 -0.15 0.00	40.66 0.03 0.00	145.91 0.77 0.00	47.97 0.22 0.00	46.76 0.20 0.00	50.02 0.45 0.00	46.36 0.59 0.00	50.97 0.89 0.00	42.63 0.69 0.00	42.49 0.63 0.00
ALCOA_RYNLDS___DRP 24188	26.37 0.01 0.00	26.05 -0.03 0.00	23.56 -0.05 0.00	16.75 -0.10 0.00	14.98 -0.04 0.00	24.67 0.10 0.00	28.06 0.35 0.00	28.40 0.42 0.00	29.72 0.34 0.00	38.37 0.55 0.65	34.84 0.17 0.21	36.49 -0.03 0.01	34.29 -0.28 0.00	38.38 -0.24 0.00	38.68 -0.15 0.00	40.66 0.03 0.00	145.91 0.77 0.00	47.97 0.22 0.00	46.76 0.20 0.00	50.02 0.45 0.00	46.36 0.59 0.00	50.97 0.89 0.00	42.63 0.69 0.00	42.49 0.63 0.00
ALCOA___DSASP 323711	26.37 0.01 0.00	26.05 -0.03 0.00	23.56 -0.05 0.00	16.75 -0.10 0.00	14.98 -0.04 0.00	24.67 0.10 0.00	28.06 0.35 0.00	28.40 0.42 0.00	29.72 0.34 0.00	38.37 0.55 0.65	34.84 0.17 0.21	36.49 -0.03 0.01	34.29 -0.28 0.00	38.38 -0.24 0.00	38.68 -0.15 0.00	40.66 0.03 0.00	145.92 0.77 0.00	47.98 0.22 0.00	46.76 0.20 0.00	50.02 0.45 0.00	46.36 0.59 0.00	50.97 0.89 0.00	42.63 0.69 0.00	42.49 0.63 0.00
ALLEGHENY___COGEN 23514	26.95 0.59 0.00	26.63 0.55 0.00	24.16 0.54 0.00	17.18 0.33 0.00	15.34 0.32 0.00	25.26 0.69 0.00	28.38 0.68 0.00	28.66 0.68 0.00	29.90 0.52 0.00	37.44 0.59 1.61	34.81 0.45 0.52	36.79 0.29 0.03	34.08 -0.49 0.00	37.54 -1.08 0.00	37.68 -1.15 0.00	39.66 -0.97 0.00	143.89 -1.26 0.00	47.33 -0.43 0.00	46.39 -0.16 0.00	49.49 -0.08 0.00	46.38 0.61 0.00	50.91 0.84 0.00	42.42 0.48 0.00	43.32 1.46 0.00
ALTAMONT_115KV_TB 2 55880	31.66 0.47 -4.83	26.63 0.55 0.00	24.16 0.54 0.00	17.27 0.42 0.00	15.37 0.34 0.00	24.95 0.37 0.00	27.93 0.23 0.00	28.19 0.21 0.00	29.59 0.21 0.00	36.97 0.10 1.59	34.75 0.39 0.52	37.02 0.52 0.03	35.10 0.53 0.00	39.15 0.53 0.00	39.36 0.53 0.00	41.15 0.51 0.00	147.27 2.13 0.00	48.33 0.58 0.00	47.19 0.64 0.00	50.12 0.55 0.00	46.17 0.40 0.00	50.40 0.38 0.06	42.31 0.37 0.00	42.18 0.34 0.02
ALTONA_WT_PWR 323606	26.26 -0.10 0.00	25.89 -0.18 0.00	23.46 -0.16 0.00	16.67 -0.18 0.00	14.86 -0.17 0.00	24.42 -0.16 0.00	27.76 0.06 0.00	28.23 0.24 0.00	29.57 0.19 0.00	38.25 0.40 0.62	34.88 0.20 0.20	36.51 -0.01 0.01	34.24 -0.34 0.00	38.41 -0.21 0.00	38.71 -0.12 0.00	40.76 0.13 0.00	145.97 0.82 0.00	48.04 0.28 0.00	46.90 0.35 0.00	50.30 0.73 0.00	46.75 0.98 0.00	51.33 1.25 0.00	43.00 1.06 0.00	42.81 0.96 0.00
AMERICAN_REF_FUEL 24010	25.48 -0.88 0.00	25.04 -1.04 0.00	22.81 -0.81 0.00	16.23 -0.62 0.00	14.54 -0.48 0.00	23.98 -0.60 0.00	26.67 -1.03 0.00	26.98 -1.00 0.00	28.47 -0.91 0.00	36.28 -0.60 1.59	33.72 -0.64 0.51	35.81 -0.69 0.03	33.56 -1.01 0.00	36.79 -1.84 0.00	36.52 -2.32 0.00	38.17 -2.46 0.00	136.37 -8.78 0.00	44.84 -2.92 0.00	43.75 -2.80 0.00	46.45 -3.11 0.00	43.68 -2.09 0.00	48.23 -1.85 0.00	40.34 -1.60 0.00	40.98 -0.88 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	25.79 -0.57 0.00	25.50 -0.58 0.00	23.47 -0.15 0.00	16.88 0.03 0.00	14.98 -0.05 0.00	24.81 0.24 0.00	27.90 0.20 0.00	28.51 0.53 0.00	30.23 0.86 0.00	38.38 1.57 1.66	35.70 1.37 0.54	38.01 1.51 0.03	35.76 1.19 0.00	39.37 0.75 0.00	39.01 0.18 0.00	40.61 -0.02 0.00	145.46 0.32 0.00	47.79 0.03 0.00	46.51 -0.04 0.00	49.28 -0.28 0.00	46.10 0.33 0.00	50.87 0.79 0.00	42.40 0.46 0.00	42.85 0.99 0.00
ARTHUR KILL_GT_1 23520	30.16 1.39 -2.42	27.48 1.40 0.00	24.90 1.28 0.00	17.79 0.94 0.00	15.79 0.77 0.00	25.49 0.92 0.00	28.51 0.81 0.00	29.03 1.06 0.00	30.76 1.39 0.00	38.59 1.64 1.52	36.58 2.19 0.49	38.90 2.40 0.02	37.12 2.54 0.00	41.47 2.85 0.00	41.61 2.78 0.00	43.34 2.70 0.00	154.28 9.14 0.00	51.01 3.25 0.00	49.43 2.95 0.08	52.36 2.80 0.00	47.92 2.15 0.00	52.23 2.22 0.07	44.07 2.13 0.00	43.92 2.07 0.02
ARTHUR_KILL_2 23512	30.07 1.30 -2.42	27.40 1.32 0.00	24.82 1.20 0.00	17.73 0.88 0.00	15.74 0.72 0.00	25.42 0.84 0.00	28.42 0.72 0.00	28.94 0.96 0.00	30.67 1.29 0.00	38.45 1.50 1.52	36.45 2.07 0.49	38.79 2.29 0.02	37.01 2.43 0.00	41.32 2.70 0.00	41.48 2.65 0.00	43.19 2.56 0.00	153.70 8.55 0.00	50.79 3.03 0.00	49.24 2.76 0.08	52.15 2.59 0.00	47.71 1.94 0.00	52.00 1.99 0.07	43.91 1.97 0.00	43.75 1.91 0.02
ARTHUR_KILL_3 23513	30.13 1.36 -2.42	27.46 1.38 0.00	24.88 1.26 0.00	17.84 0.99 0.00	15.86 0.83 0.00	25.61 1.03 0.00	28.62 0.92 0.00	29.05 1.07 0.00	30.69 1.32 0.00	38.54 1.59 1.52	36.48 2.10 0.49	38.84 2.34 0.02	37.04 2.46 0.00	41.37 2.75 0.00	41.53 2.70 0.00	43.34 2.71 0.00	153.94 8.79 0.00	50.78 3.02 0.00	49.41 2.86 0.00	52.25 2.68 0.00	47.83 2.06 0.00	52.12 2.11 0.07	43.89 1.95 0.00	43.68 1.85 0.02

ARTHUR_KILL_COGEN 323718	30.16 1.39 -2.42	27.48 1.40 0.00	24.90 1.28 0.00	17.79 0.94 0.00	15.79 0.77 0.00	25.50 0.92 0.00	28.51 0.81 0.00	29.03 1.06 0.00	30.76 1.39 0.00	38.59 1.64 1.52	36.58 2.19 0.49	38.90 2.39 0.02	37.11 2.54 0.00	41.46 2.84 0.00	41.61 2.78 0.00	43.34 2.71 0.00	154.28 9.14 0.00	51.01 3.25 0.00	49.43 2.95 0.08	52.37 2.80 0.00	47.93 2.16 0.00	52.24 2.23 0.07	44.09 2.15 0.00	43.92 2.07 0.02
ASHOKAN____ 23654	29.71 1.93 -1.43	28.00 1.92 0.00	25.34 1.73 0.00	18.13 1.28 0.00	16.13 1.10 0.00	26.16 1.59 0.00	29.32 1.62 0.00	29.71 1.73 0.00	31.16 1.79 0.00	38.98 2.07 1.56	36.67 2.30 0.50	39.11 2.61 0.03	37.26 2.69 0.00	41.74 3.12 0.00	42.09 3.26 0.00	44.32 3.69 0.00	158.23 13.08 0.00	52.33 4.57 0.00	51.29 4.74 0.00	54.39 4.83 0.00	50.06 4.29 0.00	54.45 4.43 0.06	45.43 3.49 0.00	44.99 3.15 0.02
ASTORIA_EAST_ENERGY_CC1 323581	30.26 1.48 -2.42	27.59 1.51 0.00	25.05 1.44 0.00	17.94 1.09 0.00	15.95 0.92 0.00	25.73 1.15 0.00	28.80 1.10 0.00	29.25 1.27 0.00	30.88 1.51 0.00	38.69 1.74 1.52	36.66 2.27 0.49	39.04 2.54 0.02	37.26 2.68 0.00	41.57 2.95 0.00	41.73 2.90 0.00	43.54 2.90 0.00	154.84 9.69 0.00	51.08 3.32 0.00	49.57 3.02 0.00	52.51 2.95 0.00	48.13 2.36 0.00	52.50 2.48 0.07	44.08 2.14 0.00	43.84 2.00 0.02
ASTORIA_EAST_ENERGY_CC2 323582	30.26 1.48 -2.42	27.59 1.51 0.00	25.06 1.44 0.00	17.94 1.09 0.00	15.95 0.92 0.00	25.73 1.15 0.00	28.80 1.10 0.00	29.25 1.27 0.00	30.88 1.51 0.00	38.69 1.74 1.52	36.66 2.27 0.49	39.04 2.54 0.02	37.26 2.68 0.00	41.57 2.95 0.00	41.73 2.90 0.00	43.54 2.90 0.00	154.84 9.69 0.00	51.08 3.32 0.00	49.57 3.02 0.00	52.51 2.95 0.00	48.13 2.36 0.00	52.50 2.48 0.07	44.08 2.14 0.00	43.84 2.00 0.02
ASTORIA_GT2_1 24094	30.27 1.50 -2.42	27.60 1.52 0.00	25.06 1.45 0.00	17.94 1.09 0.00	15.95 0.93 0.00	25.73 1.15 0.00	28.81 1.11 0.00	29.26 1.28 0.00	30.90 1.52 0.00	38.69 1.74 1.52	36.68 2.30 0.49	39.07 2.56 0.02	37.28 2.71 0.00	41.59 2.97 0.00	41.76 2.93 0.00	43.56 2.93 0.00	154.90 9.75 0.00	51.10 3.34 0.00	49.60 3.04 0.00	52.54 2.98 0.00	48.16 2.39 0.00	52.52 2.51 0.07	44.11 2.16 0.00	43.86 2.02 0.02
ASTORIA_GT2_2 24095	30.27 1.50 -2.42	27.60 1.52 0.00	25.06 1.45 0.00	17.94 1.09 0.00	15.95 0.93 0.00	25.73 1.15 0.00	28.81 1.11 0.00	29.26 1.28 0.00	30.90 1.52 0.00	38.69 1.74 1.52	36.68 2.30 0.49	39.07 2.56 0.02	37.28 2.71 0.00	41.59 2.97 0.00	41.76 2.93 0.00	43.56 2.93 0.00	154.90 9.75 0.00	51.10 3.34 0.00	49.60 3.04 0.00	52.54 2.98 0.00	48.16 2.39 0.00	52.52 2.51 0.07	44.11 2.16 0.00	43.86 2.02 0.02
ASTORIA_GT2_3 24096	30.27 1.50 -2.42	27.60 1.52 0.00	25.06 1.45 0.00	17.94 1.09 0.00	15.95 0.93 0.00	25.73 1.15 0.00	28.81 1.11 0.00	29.26 1.28 0.00	30.90 1.52 0.00	38.69 1.74 1.52	36.68 2.30 0.49	39.07 2.56 0.02	37.28 2.71 0.00	41.59 2.97 0.00	41.76 2.93 0.00	43.56 2.93 0.00	154.90 9.75 0.00	51.10 3.34 0.00	49.60 3.04 0.00	52.54 2.98 0.00	48.16 2.39 0.00	52.52 2.51 0.07	44.11 2.16 0.00	43.86 2.02 0.02
ASTORIA_GT2_4 24097	30.27 1.50 -2.42	27.60 1.52 0.00	25.06 1.45 0.00	17.94 1.09 0.00	15.95 0.93 0.00	25.73 1.15 0.00	28.81 1.11 0.00	29.26 1.28 0.00	30.90 1.52 0.00	38.69 1.74 1.52	36.68 2.30 0.49	39.07 2.56 0.02	37.28 2.71 0.00	41.59 2.97 0.00	41.76 2.93 0.00	43.56 2.93 0.00	154.90 9.75 0.00	51.10 3.34 0.00	49.60 3.04 0.00	52.54 2.98 0.00	48.16 2.39 0.00	52.52 2.51 0.07	44.11 2.16 0.00	43.86 2.02 0.02
ASTORIA_GT3_1 24098	30.27 1.50 -2.42	27.60 1.52 0.00	25.06 1.45 0.00	17.94 1.09 0.00	15.95 0.93 0.00	25.73 1.15 0.00	28.81 1.11 0.00	29.26 1.28 0.00	30.90 1.52 0.00	38.69 1.74 1.52	36.68 2.30 0.49	39.07 2.56 0.02	37.28 2.71 0.00	41.59 2.97 0.00	41.76 2.93 0.00	43.56 2.93 0.00	154.90 9.75 0.00	51.10 3.34 0.00	49.60 3.04 0.00	52.54 2.98 0.00	48.16 2.39 0.00	52.52 2.51 0.07	44.11 2.16 0.00	43.86 2.02 0.02
ASTORIA_GT3_2 24099	30.27 1.50 -2.42	27.60 1.52 0.00	25.06 1.45 0.00	17.94 1.09 0.00	15.95 0.93 0.00	25.73 1.15 0.00	28.81 1.11 0.00	29.26 1.28 0.00	30.90 1.52 0.00	38.69 1.74 1.52	36.68 2.30 0.49	39.07 2.56 0.02	37.28 2.71 0.00	41.59 2.97 0.00	41.76 2.93 0.00	43.56 2.93 0.00	154.90 9.75 0.00	51.10 3.34 0.00	49.60 3.04 0.00	52.54 2.98 0.00	48.16 2.39 0.00	52.52 2.51 0.07	44.11 2.16 0.00	43.86 2.02 0.02
ASTORIA_GT3_3 24100	30.27 1.50 -2.42	27.60 1.52 0.00	25.06 1.45 0.00	17.94 1.09 0.00	15.95 0.93 0.00	25.73 1.15 0.00	28.81 1.11 0.00	29.26 1.28 0.00	30.90 1.52 0.00	38.69 1.74 1.52	36.68 2.30 0.49	39.07 2.56 0.02	37.28 2.71 0.00	41.59 2.97 0.00	41.76 2.93 0.00	43.56 2.93 0.00	154.90 9.75 0.00	51.10 3.34 0.00	49.60 3.04 0.00	52.54 2.98 0.00	48.16 2.39 0.00	52.52 2.51 0.07	44.11 2.16 0.00	43.86 2.02 0.02
ASTORIA_GT3_4 24101	30.27 1.50 -2.42	27.60 1.52 0.00	25.06 1.45 0.00	17.94 1.09 0.00	15.95 0.93 0.00	25.73 1.15 0.00	28.81 1.11 0.00	29.26 1.28 0.00	30.90 1.52 0.00	38.69 1.74 1.52	36.68 2.30 0.49	39.07 2.56 0.02	37.28 2.71 0.00	41.59 2.97 0.00	41.76 2.93 0.00	43.56 2.93 0.00	154.90 9.75 0.00	51.10 3.34 0.00	49.60 3.04 0.00	52.54 2.98 0.00	48.16 2.39 0.00	52.52 2.51 0.07	44.11 2.16 0.00	43.86 2.02 0.02
ASTORIA_GT4_1 24102	30.27 1.50 -2.42	27.60 1.52 0.00	25.06 1.45 0.00	17.94 1.09 0.00	15.95 0.93 0.00	25.73 1.15 0.00	28.81 1.11 0.00	29.26 1.28 0.00	30.90 1.52 0.00	38.69 1.74 1.52	36.68 2.30 0.49	39.07 2.56 0.02	37.28 2.71 0.00	41.59 2.97 0.00	41.76 2.93 0.00	43.56 2.93 0.00	154.90 9.75 0.00	51.10 3.34 0.00	49.60 3.04 0.00	52.54 2.98 0.00	48.16 2.39 0.00	52.52 2.51 0.07	44.11 2.16 0.00	43.86 2.02 0.02
ASTORIA_GT4_2 24103	30.27 1.50 -2.42	27.60 1.52 0.00	25.06 1.45 0.00	17.94 1.09 0.00	15.95 0.93 0.00	25.73 1.15 0.00	28.81 1.11 0.00	29.26 1.28 0.00	30.90 1.52 0.00	38.69 1.74 1.52	36.68 2.30 0.49	39.07 2.56 0.02	37.28 2.71 0.00	41.59 2.97 0.00	41.76 2.93 0.00	43.56 2.93 0.00	154.90 9.75 0.00	51.10 3.34 0.00	49.60 3.04 0.00	52.54 2.98 0.00	48.16 2.39 0.00	52.52 2.51 0.07	44.11 2.16 0.00	43.86 2.02 0.02
ASTORIA_GT4_3 24104	30.27 1.50 -2.42	27.60 1.52 0.00	25.06 1.45 0.00	17.94 1.09 0.00	15.95 0.93 0.00	25.73 1.15 0.00	28.81 1.11 0.00	29.26 1.28 0.00	30.90 1.52 0.00	38.69 1.74 1.52	36.68 2.30 0.49	39.07 2.56 0.02	37.28 2.71 0.00	41.59 2.97 0.00	41.76 2.93 0.00	43.56 2.93 0.00	154.90 9.75 0.00	51.10 3.34 0.00	49.60 3.04 0.00	52.54 2.98 0.00	48.16 2.39 0.00	52.52 2.51 0.07	44.11 2.16 0.00	43.86 2.02 0.02

ASTORIA_GT4_4 24105	30.27 1.50 -2.42	27.60 1.52 0.00	25.06 1.45 0.00	17.94 1.09 0.00	15.95 0.93 0.00	25.73 1.15 0.00	28.81 1.11 0.00	29.26 1.28 0.00	30.90 1.52 0.00	38.69 1.74 1.52	36.68 2.30 0.49	39.07 2.56 0.02	37.28 2.71 0.00	41.59 2.97 0.00	41.76 2.93 0.00	43.56 2.93 0.00	154.90 9.75 0.00	51.10 3.34 0.00	49.60 3.04 0.00	52.54 2.98 0.00	48.16 2.39 0.00	52.52 2.51 0.07	44.11 2.16 0.00	43.86 2.02 0.02
ASTORIA_GT_1 23523	30.32 1.54 -2.42	27.64 1.56 0.00	25.11 1.49 0.00	17.97 1.12 0.00	15.98 0.95 0.00	25.77 1.19 0.00	28.86 1.16 0.00	29.32 1.34 0.00	30.95 1.58 0.00	38.78 1.83 1.52	36.76 2.38 0.49	39.15 2.65 0.02	37.37 2.79 0.00	41.69 3.06 0.00	41.85 3.02 0.00	43.66 3.03 0.00	155.29 10.14 0.00	51.23 3.47 0.00	49.71 3.16 0.00	52.66 3.09 0.00	48.27 2.49 0.00	52.63 2.62 0.07	44.20 2.26 0.00	43.95 2.11 0.02
ASTORIA_GT_10 24110	30.18 1.40 -2.42	27.54 1.46 0.00	24.98 1.36 0.00	17.89 1.04 0.00	15.90 0.88 0.00	25.67 1.09 0.00	28.69 0.99 0.00	29.15 1.17 0.00	30.80 1.43 0.00	38.65 1.70 1.52	36.59 2.21 0.49	38.95 2.44 0.02	37.14 2.57 0.00	41.45 2.83 0.00	41.61 2.78 0.00	43.42 2.79 0.00	154.32 9.17 0.00	50.88 3.12 0.00	49.43 2.88 0.00	52.29 2.73 0.00	47.92 2.15 0.00	52.26 2.25 0.07	44.06 2.12 0.00	43.87 2.03 0.02
ASTORIA_GT_11 24225	30.18 1.40 -2.42	27.54 1.46 0.00	24.98 1.36 0.00	17.89 1.04 0.00	15.90 0.88 0.00	25.67 1.09 0.00	28.69 0.99 0.00	29.15 1.17 0.00	30.80 1.43 0.00	38.65 1.70 1.52	36.59 2.21 0.49	38.95 2.44 0.02	37.14 2.57 0.00	41.45 2.83 0.00	41.61 2.78 0.00	43.42 2.79 0.00	154.32 9.17 0.00	50.88 3.12 0.00	49.43 2.88 0.00	52.29 2.73 0.00	47.92 2.15 0.00	52.26 2.25 0.07	44.06 2.12 0.00	43.87 2.03 0.02
ASTORIA_GT_12 24226	30.18 1.40 -2.42	27.54 1.46 0.00	24.98 1.36 0.00	17.89 1.04 0.00	15.90 0.88 0.00	25.67 1.09 0.00	28.69 0.99 0.00	29.15 1.17 0.00	30.80 1.43 0.00	38.65 1.70 1.52	36.59 2.21 0.49	38.95 2.44 0.02	37.14 2.57 0.00	41.45 2.83 0.00	41.61 2.78 0.00	43.42 2.79 0.00	154.32 9.17 0.00	50.88 3.12 0.00	49.43 2.88 0.00	52.29 2.73 0.00	47.92 2.15 0.00	52.26 2.25 0.07	44.06 2.12 0.00	43.87 2.03 0.02
ASTORIA_GT_13 24227	30.18 1.40 -2.42	27.54 1.46 0.00	24.98 1.36 0.00	17.89 1.04 0.00	15.90 0.88 0.00	25.67 1.09 0.00	28.69 0.99 0.00	29.15 1.17 0.00	30.80 1.43 0.00	38.65 1.70 1.52	36.59 2.21 0.49	38.95 2.44 0.02	37.14 2.57 0.00	41.45 2.83 0.00	41.61 2.78 0.00	43.42 2.79 0.00	154.32 9.17 0.00	50.88 3.12 0.00	49.43 2.88 0.00	52.29 2.73 0.00	47.92 2.15 0.00	52.26 2.25 0.07	44.06 2.12 0.00	43.87 2.03 0.02
ASTORIA_GT_5 24106	30.32 1.54 -2.42	27.64 1.56 0.00	25.11 1.49 0.00	17.97 1.12 0.00	15.98 0.95 0.00	25.77 1.19 0.00	28.86 1.16 0.00	29.32 1.34 0.00	30.95 1.58 0.00	38.78 1.83 1.52	36.76 2.38 0.49	39.15 2.65 0.02	37.37 2.79 0.00	41.69 3.06 0.00	41.85 3.02 0.00	43.66 3.03 0.00	155.29 10.14 0.00	51.23 3.47 0.00	49.71 3.16 0.00	52.66 3.09 0.00	48.27 2.49 0.00	52.63 2.62 0.07	44.20 2.26 0.00	43.95 2.11 0.02
ASTORIA_GT_7 24107	30.32 1.54 -2.42	27.64 1.56 0.00	25.11 1.49 0.00	17.97 1.12 0.00	15.98 0.95 0.00	25.77 1.19 0.00	28.86 1.16 0.00	29.32 1.34 0.00	30.95 1.58 0.00	38.78 1.83 1.52	36.76 2.38 0.49	39.15 2.65 0.02	37.37 2.79 0.00	41.69 3.06 0.00	41.85 3.02 0.00	43.66 3.03 0.00	155.29 10.14 0.00	51.23 3.47 0.00	49.71 3.16 0.00	52.66 3.09 0.00	48.27 2.49 0.00	52.63 2.62 0.07	44.20 2.26 0.00	43.95 2.11 0.02
ASTORIA_GT_8 24108	30.32 1.54 -2.42	27.64 1.56 0.00	25.11 1.49 0.00	17.97 1.12 0.00	15.98 0.95 0.00	25.77 1.19 0.00	28.86 1.16 0.00	29.32 1.34 0.00	30.95 1.58 0.00	38.78 1.83 1.52	36.76 2.38 0.49	39.15 2.65 0.02	37.37 2.79 0.00	41.69 3.06 0.00	41.85 3.02 0.00	43.66 3.03 0.00	155.29 10.14 0.00	51.23 3.47 0.00	49.71 3.16 0.00	52.66 3.09 0.00	48.27 2.49 0.00	52.63 2.62 0.07	44.20 2.26 0.00	43.95 2.11 0.02
ASTORIA___2 24149	30.27 1.50 -2.42	27.60 1.52 0.00	25.06 1.45 0.00	17.94 1.09 0.00	15.95 0.93 0.00	25.74 1.16 0.00	28.81 1.11 0.00	29.26 1.28 0.00	30.90 1.52 0.00	38.70 1.75 1.52	36.67 2.29 0.49	39.07 2.56 0.02	37.27 2.70 0.00	41.59 2.97 0.00	41.76 2.93 0.00	43.57 2.94 0.00	154.89 9.74 0.00	51.10 3.35 0.00	49.59 3.04 0.00	52.54 2.98 0.00	48.17 2.39 0.00	52.53 2.51 0.07	44.11 2.17 0.00	43.86 2.02 0.02
ASTORIA___3 23516	30.18 1.40 -2.42	27.54 1.46 0.00	24.97 1.35 0.00	17.89 1.04 0.00	15.90 0.88 0.00	25.68 1.10 0.00	28.69 0.99 0.00	29.15 1.17 0.00	30.80 1.42 0.00	38.66 1.71 1.52	36.58 2.20 0.49	38.95 2.44 0.02	37.14 2.57 0.00	41.45 2.83 0.00	41.61 2.78 0.00	43.43 2.80 0.00	154.30 9.16 0.00	50.87 3.12 0.00	49.43 2.88 0.00	52.29 2.73 0.00	47.93 2.16 0.00	52.27 2.26 0.07	44.07 2.12 0.00	43.87 2.03 0.02
ASTORIA___4 23517	30.18 1.40 -2.42	27.54 1.46 0.00	24.97 1.36 0.00	17.89 1.04 0.00	15.90 0.88 0.00	25.67 1.09 0.00	28.69 0.99 0.00	29.15 1.17 0.00	30.80 1.43 0.00	38.65 1.70 1.52	36.59 2.21 0.49	38.95 2.44 0.02	37.14 2.57 0.00	41.45 2.83 0.00	41.61 2.78 0.00	43.42 2.79 0.00	154.30 9.16 0.00	50.87 3.11 0.00	49.43 2.88 0.00	52.29 2.73 0.00	47.92 2.15 0.00	52.26 2.25 0.07	44.06 2.12 0.00	43.87 2.03 0.02
ASTORIA___5 23518	30.18 1.40 -2.42	27.54 1.46 0.00	24.97 1.35 0.00	17.89 1.04 0.00	15.90 0.88 0.00	25.68 1.10 0.00	28.69 0.99 0.00	29.15 1.17 0.00	30.80 1.42 0.00	38.66 1.71 1.52	36.58 2.20 0.49	38.95 2.44 0.02	37.14 2.57 0.00	41.45 2.83 0.00	41.61 2.78 0.00	43.43 2.80 0.00	154.30 9.16 0.00	50.87 3.12 0.00	49.43 2.88 0.00	52.29 2.73 0.00	47.93 2.16 0.00	52.27 2.26 0.07	44.07 2.12 0.00	43.87 2.03 0.02
AST_ENERGY_2_CC3 323677	30.17 1.39 -2.42	27.52 1.44 0.00	24.95 1.33 0.00	17.89 1.03 0.00	15.90 0.88 0.00	25.68 1.10 0.00	28.67 0.97 0.00	29.12 1.15 0.00	30.77 1.40 0.00	38.64 1.70 1.52	36.57 2.19 0.49	38.95 2.45 0.02	37.14 2.57 0.00	41.49 2.87 0.00	41.64 2.82 0.00	43.47 2.84 0.00	154.65 9.50 0.00	51.00 3.24 0.00	49.61 3.06 0.00	52.43 2.87 0.00	47.98 2.21 0.00	52.30 2.29 0.07	44.02 2.07 0.00	43.81 1.97 0.02
AST_ENERGY_2_CC4 323678	30.17 1.39 -2.42	27.52 1.44 0.00	24.95 1.33 0.00	17.89 1.03 0.00	15.90 0.88 0.00	25.68 1.10 0.00	28.67 0.97 0.00	29.12 1.15 0.00	30.77 1.40 0.00	38.64 1.70 1.52	36.57 2.19 0.49	38.95 2.45 0.02	37.14 2.57 0.00	41.49 2.87 0.00	41.64 2.82 0.00	43.47 2.84 0.00	154.65 9.50 0.00	51.00 3.24 0.00	49.61 3.06 0.00	52.43 2.87 0.00	47.98 2.21 0.00	52.30 2.29 0.07	44.02 2.07 0.00	43.81 1.97 0.02

ATHENS_STG_1 23668	28.32 0.66 -1.30	26.82 0.74 0.00	24.35 0.73 0.00	17.41 0.56 0.00	15.49 0.46 0.00	25.07 0.50 0.00	28.05 0.35 0.00	28.32 0.34 0.00	29.77 0.39 0.00	37.25 0.35 1.57	35.09 0.72 0.51	37.37 0.86 0.03	35.50 0.92 0.00	39.63 1.01 0.00	39.83 1.00 0.00	41.60 0.97 0.00	148.85 3.70 0.00	48.83 1.08 0.00	47.57 1.02 0.00	50.43 0.87 0.00	46.38 0.61 0.00	50.65 0.64 0.06	42.58 0.64 0.00	42.49 0.65 0.02
ATHENS_STG_2 23670	28.32 0.66 -1.30	26.82 0.74 0.00	24.35 0.73 0.00	17.41 0.56 0.00	15.49 0.46 0.00	25.07 0.50 0.00	28.05 0.35 0.00	28.32 0.34 0.00	29.77 0.39 0.00	37.25 0.35 1.57	35.09 0.72 0.51	37.37 0.86 0.03	35.50 0.92 0.00	39.63 1.01 0.00	39.83 1.00 0.00	41.60 0.97 0.00	148.85 3.70 0.00	48.83 1.08 0.00	47.57 1.02 0.00	50.43 0.87 0.00	46.38 0.61 0.00	50.65 0.64 0.06	42.58 0.64 0.00	42.49 0.65 0.02
ATHENS_STG_3 23677	28.32 0.66 -1.30	26.82 0.74 0.00	24.35 0.73 0.00	17.41 0.56 0.00	15.49 0.46 0.00	25.07 0.50 0.00	28.05 0.35 0.00	28.32 0.34 0.00	29.77 0.39 0.00	37.25 0.35 1.57	35.09 0.72 0.51	37.37 0.86 0.03	35.50 0.92 0.00	39.63 1.01 0.00	39.83 1.00 0.00	41.60 0.97 0.00	148.85 3.70 0.00	48.83 1.08 0.00	47.57 1.02 0.00	50.43 0.87 0.00	46.38 0.61 0.00	50.65 0.64 0.06	42.58 0.64 0.00	42.49 0.65 0.02
AUBURN___LFGE 323710	26.59 0.23 0.00	26.22 0.14 0.00	23.77 0.15 0.00	16.99 0.14 0.00	15.16 0.14 0.00	24.68 0.10 0.00	27.76 0.06 0.00	28.04 0.06 0.00	29.33 -0.04 0.00	37.57 -0.19 0.72	34.53 -0.12 0.23	36.57 0.05 0.01	34.62 0.05 0.00	38.57 -0.05 0.00	38.73 -0.10 0.00	40.56 -0.07 0.00	145.02 -0.12 0.00	48.05 0.29 0.00	46.89 0.33 0.00	49.87 0.31 0.00	46.03 0.26 0.00	50.61 0.23 -0.30	42.01 0.07 0.00	42.03 0.09 -0.08
BABYLON_RES_REC 323704	30.10 1.33 -2.42	27.59 1.51 0.00	24.93 1.31 0.00	17.88 1.03 0.00	15.88 0.86 0.00	25.69 1.12 0.00	28.73 1.03 0.00	29.34 1.36 0.00	30.72 1.34 0.00	41.38 1.81 -1.10	42.69 2.58 -5.24	40.96 2.58 -1.85	38.56 2.31 -1.67	40.81 2.19 0.00	40.87 2.04 0.00	42.64 2.05 0.05	64.83 5.19 85.51	42.63 2.01 7.14	23.86 2.05 24.74	25.51 1.74 25.80	23.14 1.19 23.82	25.13 1.41 26.36	25.45 1.40 17.89	42.34 1.66 1.18
BALL_HILL_WT_PWR 323825	26.00 -0.36 0.00	25.58 -0.50 0.00	23.38 -0.24 0.00	16.69 -0.16 0.00	14.87 -0.15 0.00	24.52 -0.06 0.00	27.40 -0.30 0.00	27.93 -0.05 0.00	29.56 0.19 0.00	37.55 0.72 1.64	34.94 0.59 0.53	37.16 0.65 0.03	34.92 0.35 0.00	38.43 -0.19 0.00	38.17 -0.66 0.00	39.81 -0.83 0.00	142.44 -2.71 0.00	46.78 -0.98 0.00	45.66 -0.90 0.00	48.42 -1.14 0.00	45.33 -0.44 0.00	49.99 -0.09 0.00	41.69 -0.25 0.00	42.15 0.29 0.00
BARON_WINDS___WT_PWR 323822	25.87 -0.49 0.00	25.50 -0.58 0.00	23.22 -0.40 0.00	16.50 -0.35 0.00	14.71 -0.32 0.00	24.21 -0.37 0.00	27.20 -0.50 0.00	27.76 -0.22 0.00	29.39 0.01 0.00	36.71 0.05 1.81	34.33 0.05 0.59	36.54 0.04 0.03	34.47 -0.10 0.00	38.15 -0.48 0.00	38.18 -0.65 0.00	40.01 -0.62 0.00	143.44 -1.70 0.00	46.94 -0.81 0.00	45.93 -0.63 0.00	48.89 -0.68 0.00	45.65 -0.12 0.00	49.99 0.02 0.12	41.79 -0.15 0.00	42.11 0.28 0.03
BARRETT_IC_1 23704	30.03 1.25 -2.42	27.50 1.42 0.00	24.87 1.25 0.00	17.85 1.00 0.00	15.85 0.83 0.00	25.63 1.06 0.00	28.76 0.99 -0.07	29.33 1.27 -0.09	87.20 1.27 -56.55	89.99 1.69 -49.84	102.61 2.31 -65.43	70.53 2.29 -31.71	88.77 2.43 -51.77	78.69 2.57 -37.49	41.19 2.36 0.00	43.14 2.42 -0.08	154.75 6.87 -2.73	68.61 2.52 -18.33	68.72 2.51 -19.65	54.44 2.22 -2.66	49.85 1.59 -2.49	54.36 1.64 -2.64	45.35 1.56 -1.84	43.47 1.52 -0.10
BARRETT_IC_10 23701	30.03 1.25 -2.42	27.50 1.42 0.00	24.87 1.25 0.00	17.85 1.00 0.00	15.85 0.83 0.00	25.63 1.06 0.00	28.76 0.99 -0.07	29.33 1.27 -0.09	87.20 1.27 -56.55	89.99 1.69 -49.84	102.61 2.31 -65.43	70.53 2.29 -31.71	88.77 2.43 -51.77	78.69 2.57 -37.49	41.19 2.36 0.00	43.14 2.42 -0.08	154.75 6.87 -2.73	68.61 2.52 -18.33	68.72 2.51 -19.65	54.44 2.22 -2.66	49.85 1.59 -2.49	54.36 1.64 -2.64	45.35 1.56 -1.84	43.47 1.52 -0.10
BARRETT_IC_11 23702	30.03 1.25 -2.42	27.50 1.42 0.00	24.87 1.25 0.00	17.85 1.00 0.00	15.85 0.83 0.00	25.63 1.06 0.00	28.76 0.99 -0.07	29.33 1.27 -0.09	87.20 1.27 -56.55	89.99 1.69 -49.84	102.61 2.31 -65.43	70.53 2.29 -31.71	88.77 2.43 -51.77	78.69 2.57 -37.49	41.19 2.36 0.00	43.14 2.42 -0.08	154.75 6.87 -2.73	68.61 2.52 -18.33	68.72 2.51 -19.65	54.44 2.22 -2.66	49.85 1.59 -2.49	54.36 1.64 -2.64	45.35 1.56 -1.84	43.47 1.52 -0.10
BARRETT_IC_12 23703	30.03 1.25 -2.42	27.50 1.42 0.00	24.87 1.25 0.00	17.85 1.00 0.00	15.85 0.83 0.00	25.63 1.06 0.00	28.76 0.99 -0.07	29.33 1.27 -0.09	87.20 1.27 -56.55	89.99 1.69 -49.84	102.61 2.31 -65.43	70.53 2.29 -31.71	88.77 2.43 -51.77	78.69 2.57 -37.49	41.19 2.36 0.00	43.14 2.42 -0.08	154.75 6.87 -2.73	68.61 2.52 -18.33	68.72 2.51 -19.65	54.44 2.22 -2.66	49.85 1.59 -2.49	54.36 1.64 -2.64	45.35 1.56 -1.84	43.47 1.52 -0.10
BARRETT_IC_2 23705	30.03 1.25 -2.42	27.50 1.42 0.00	24.87 1.25 0.00	17.85 1.00 0.00	15.85 0.83 0.00	25.63 1.06 0.00	28.76 0.99 -0.07	29.33 1.27 -0.09	87.20 1.27 -56.55	89.99 1.69 -49.84	102.61 2.31 -65.43	70.53 2.29 -31.71	88.77 2.43 -51.77	78.69 2.57 -37.49	41.19 2.36 0.00	43.14 2.42 -0.08	154.75 6.87 -2.73	68.61 2.52 -18.33	68.72 2.51 -19.65	54.44 2.22 -2.66	49.85 1.59 -2.49	54.36 1.64 -2.64	45.35 1.56 -1.84	43.47 1.52 -0.10
BARRETT_IC_3 23706	30.03 1.25 -2.42	27.50 1.42 0.00	24.87 1.25 0.00	17.85 1.00 0.00	15.85 0.83 0.00	25.63 1.06 0.00	28.76 0.99 -0.07	29.33 1.27 -0.09	87.20 1.27 -56.55	89.99 1.69 -49.84	102.61 2.31 -65.43	70.53 2.29 -31.71	88.77 2.43 -51.77	78.69 2.57 -37.49	41.19 2.36 0.00	43.14 2.42 -0.08	154.75 6.87 -2.73	68.61 2.52 -18.33	68.72 2.51 -19.65	54.44 2.22 -2.66	49.85 1.59 -2.49	54.36 1.64 -2.64	45.35 1.56 -1.84	43.47 1.52 -0.10
BARRETT_IC_4 23707	30.03 1.25 -2.42	27.50 1.42 0.00	24.87 1.25 0.00	17.85 1.00 0.00	15.85 0.83 0.00	25.63 1.06 0.00	28.76 0.99 -0.07	29.33 1.27 -0.09	87.20 1.27 -56.55	89.99 1.69 -49.84	102.61 2.31 -65.43	70.53 2.29 -31.71	88.77 2.43 -51.77	78.69 2.57 -37.49	41.19 2.36 0.00	43.14 2.42 -0.08	154.75 6.87 -2.73	68.61 2.52 -18.33	68.72 2.51 -19.65	54.44 2.22 -2.66	49.85 1.59 -2.49	54.36 1.64 -2.64	45.35 1.56 -1.84	43.47 1.52 -0.10
BARRETT_IC_5 23708	30.03 1.25 -2.42	27.50 1.42 0.00	24.87 1.25 0.00	17.85 1.00 0.00	15.85 0.83 0.00	25.63 1.06 0.00	28.76 0.99 -0.07	29.33 1.27 -0.09	87.20 1.27 -56.55	89.99 1.69 -49.84	102.61 2.31 -65.43	70.53 2.29 -31.71	88.77 2.43 -51.77	78.69 2.57 -37.49	41.19 2.36 0.00	43.14 2.42 -0.08	154.75 6.87 -2.73	68.61 2.52 -18.33	68.72 2.51 -19.65	54.44 2.22 -2.66	49.85 1.59 -2.49	54.36 1.64 -2.64	45.35 1.56 -1.84	43.47 1.52 -0.10

BARRETT_IC_6 23709	30.03 1.25 -2.42	27.50 1.42 0.00	24.87 1.25 0.00	17.85 1.00 0.00	15.85 0.83 0.00	25.63 1.06 0.00	28.76 0.99 -0.07	29.33 1.27 -0.09	87.20 1.27 -56.55	89.99 1.69 -49.84	102.61 2.31 -65.43	70.53 2.29 -31.71	88.77 2.43 -51.77	78.69 2.57 -37.49	41.19 2.36 0.00	43.14 2.42 -0.08	154.75 6.87 -2.73	68.61 2.52 -18.33	68.72 2.51 -19.65	54.44 2.22 -2.66	49.85 1.59 -2.49	54.36 1.64 -2.64	45.35 1.56 -1.84	43.47 1.52 -0.10
BARRETT_IC_7 23710	30.03 1.25 -2.42	27.50 1.42 0.00	24.87 1.25 0.00	17.85 1.00 0.00	15.85 0.83 0.00	25.63 1.06 0.00	28.76 0.99 -0.07	29.33 1.27 -0.09	87.20 1.28 -56.55	89.99 1.69 -49.84	102.62 2.31 -65.43	70.53 2.29 -31.71	88.77 2.43 -51.77	78.70 2.58 -37.49	41.19 2.36 0.00	43.13 2.41 -0.08	154.77 6.89 -2.73	68.62 2.52 -18.33	68.72 2.51 -19.65	54.44 2.22 -2.66	49.85 1.59 -2.49	54.36 1.64 -2.64	45.35 1.56 -1.84	43.47 1.51 -0.10
BARRETT_IC_8 23711	30.03 1.25 -2.42	27.50 1.42 0.00	24.87 1.25 0.00	17.85 1.00 0.00	15.85 0.83 0.00	25.63 1.06 0.00	28.76 0.99 -0.07	29.33 1.27 -0.09	87.20 1.27 -56.55	89.99 1.69 -49.84	102.61 2.31 -65.43	70.53 2.29 -31.71	88.77 2.43 -51.77	78.69 2.57 -37.49	41.19 2.36 0.00	43.14 2.42 -0.08	154.75 6.87 -2.73	68.61 2.52 -18.33	68.72 2.51 -19.65	54.44 2.22 -2.66	49.85 1.59 -2.49	54.36 1.64 -2.64	45.35 1.56 -1.84	43.47 1.52 -0.10
BARRETT_IC_9 23700	30.03 1.25 -2.42	27.50 1.42 0.00	24.87 1.25 0.00	17.85 1.00 0.00	15.85 0.83 0.00	25.63 1.06 0.00	28.76 0.99 -0.07	29.33 1.27 -0.09	87.20 1.27 -56.55	89.99 1.69 -49.84	102.61 2.31 -65.43	70.53 2.29 -31.71	88.77 2.43 -51.77	78.69 2.57 -37.49	41.19 2.36 0.00	43.14 2.42 -0.08	154.75 6.87 -2.73	68.61 2.52 -18.33	68.72 2.51 -19.65	54.44 2.22 -2.66	49.85 1.59 -2.49	54.36 1.64 -2.64	45.35 1.56 -1.84	43.47 1.52 -0.10
BARRETT___1 23545	30.03 1.25 -2.42	27.50 1.42 0.00	24.87 1.25 0.00	17.85 1.00 0.00	15.85 0.83 0.00	25.63 1.06 0.00	28.76 0.99 -0.07	29.33 1.27 -0.09	87.20 1.27 -56.55	89.99 1.69 -49.84	102.61 2.31 -65.43	70.53 2.29 -31.71	88.77 2.43 -51.77	78.69 2.57 -37.49	41.19 2.36 0.00	43.14 2.42 -0.08	154.75 6.87 -2.73	68.61 2.52 -18.33	68.72 2.51 -19.65	54.44 2.22 -2.66	49.85 1.59 -2.49	54.36 1.64 -2.64	45.35 1.56 -1.84	43.47 1.52 -0.10
BARRETT___2 23546	30.03 1.25 -2.42	27.50 1.42 0.00	24.87 1.25 0.00	17.85 1.00 0.00	15.85 0.83 0.00	25.63 1.06 0.00	28.76 0.99 -0.07	29.33 1.27 -0.09	87.20 1.27 -56.55	89.99 1.69 -49.84	102.61 2.31 -65.43	70.53 2.29 -31.71	88.77 2.43 -51.77	78.69 2.57 -37.49	41.19 2.36 0.00	43.14 2.42 -0.08	154.75 6.87 -2.73	68.61 2.52 -18.33	68.72 2.51 -19.65	54.44 2.22 -2.66	49.85 1.59 -2.49	54.36 1.64 -2.64	45.35 1.56 -1.84	43.47 1.52 -0.10
BATAVIA___115KV_TB1 55881	26.75 0.39 0.00	26.26 0.18 0.00	23.85 0.23 0.00	16.95 0.10 0.00	15.16 0.14 0.00	24.99 0.41 0.00	27.90 0.19 0.00	28.35 0.37 0.00	29.87 0.50 0.00	38.07 1.12 1.52	35.25 0.86 0.49	37.16 0.66 0.02	34.92 0.35 0.00	38.32 -0.30 0.00	38.41 -0.42 0.00	40.08 -0.55 0.00	143.55 -1.59 0.00	47.38 -0.37 0.00	46.29 -0.27 0.00	49.19 -0.37 0.00	46.12 0.35 0.00	50.81 0.74 0.00	42.34 0.39 0.00	42.71 0.85 0.00
BAYONEEC___CTG1 323682	30.22 1.44 -2.42	27.56 1.48 0.00	24.97 1.36 0.00	17.90 1.05 0.00	15.91 0.88 0.00	25.70 1.12 0.00	28.71 1.02 0.00	29.17 1.19 0.00	30.82 1.45 0.00	38.71 1.76 1.52	36.63 2.25 0.49	39.02 2.52 0.02	37.21 2.63 0.00	41.56 2.94 0.00	41.71 2.88 0.00	43.55 2.91 0.00	154.80 9.65 0.00	51.04 3.28 0.00	48.00 3.10 1.66	51.61 2.92 0.87	48.03 2.26 0.00	52.35 2.34 0.07	44.08 2.14 0.00	43.87 2.03 0.02
BAYONEEC___CTG10 323750	30.22 1.44 -2.42	27.56 1.48 0.00	24.97 1.36 0.00	17.90 1.05 0.00	15.91 0.88 0.00	25.70 1.12 0.00	28.71 1.02 0.00	29.17 1.19 0.00	30.82 1.45 0.00	38.71 1.76 1.52	36.63 2.25 0.49	39.02 2.52 0.02	37.21 2.63 0.00	41.56 2.94 0.00	41.71 2.88 0.00	43.55 2.91 0.00	154.80 9.65 0.00	51.04 3.28 0.00	48.00 3.10 1.66	51.61 2.92 0.87	48.03 2.26 0.00	52.35 2.34 0.07	44.08 2.14 0.00	43.87 2.03 0.02
BAYONEEC___CTG2 323683	30.22 1.44 -2.42	27.56 1.48 0.00	24.97 1.36 0.00	17.90 1.05 0.00	15.91 0.88 0.00	25.70 1.12 0.00	28.71 1.02 0.00	29.17 1.19 0.00	30.82 1.45 0.00	38.71 1.76 1.52	36.63 2.25 0.49	39.02 2.52 0.02	37.21 2.63 0.00	41.56 2.94 0.00	41.71 2.88 0.00	43.55 2.91 0.00	154.80 9.65 0.00	51.04 3.28 0.00	48.00 3.10 1.66	51.61 2.92 0.87	48.03 2.26 0.00	52.35 2.34 0.07	44.08 2.14 0.00	43.87 2.03 0.02
BAYONEEC___CTG3 323684	30.22 1.44 -2.42	27.56 1.48 0.00	24.97 1.36 0.00	17.90 1.05 0.00	15.91 0.88 0.00	25.70 1.12 0.00	28.71 1.02 0.00	29.17 1.19 0.00	30.82 1.45 0.00	38.71 1.76 1.52	36.63 2.25 0.49	39.02 2.52 0.02	37.21 2.63 0.00	41.56 2.94 0.00	41.71 2.88 0.00	43.55 2.91 0.00	154.80 9.65 0.00	51.04 3.28 0.00	48.00 3.10 1.66	51.61 2.92 0.87	48.03 2.26 0.00	52.35 2.34 0.07	44.08 2.14 0.00	43.87 2.03 0.02
BAYONEEC___CTG4 323685	30.22 1.44 -2.42	27.56 1.48 0.00	24.97 1.36 0.00	17.90 1.05 0.00	15.91 0.88 0.00	25.70 1.12 0.00	28.71 1.02 0.00	29.17 1.19 0.00	30.82 1.45 0.00	38.71 1.76 1.52	36.63 2.25 0.49	39.02 2.52 0.02	37.21 2.63 0.00	41.56 2.94 0.00	41.71 2.88 0.00	43.55 2.91 0.00	154.80 9.65 0.00	51.04 3.28 0.00	48.00 3.10 1.66	51.61 2.92 0.87	48.03 2.26 0.00	52.35 2.34 0.07	44.08 2.14 0.00	43.87 2.03 0.02
BAYONEEC___CTG5 323686	30.22 1.44 -2.42	27.56 1.48 0.00	24.97 1.36 0.00	17.90 1.05 0.00	15.91 0.88 0.00	25.70 1.12 0.00	28.71 1.02 0.00	29.17 1.19 0.00	30.82 1.45 0.00	38.71 1.76 1.52	36.63 2.25 0.49	39.02 2.52 0.02	37.21 2.63 0.00	41.56 2.94 0.00	41.71 2.88 0.00	43.55 2.91 0.00	154.80 9.65 0.00	51.04 3.28 0.00	48.00 3.10 1.66	51.61 2.92 0.87	48.03 2.26 0.00	52.35 2.34 0.07	44.08 2.14 0.00	43.87 2.03 0.02
BAYONEEC___CTG6 323687	30.22 1.44 -2.42	27.56 1.48 0.00	24.97 1.36 0.00	17.90 1.05 0.00	15.91 0.88 0.00	25.70 1.12 0.00	28.71 1.02 0.00	29.17 1.19 0.00	30.82 1.45 0.00	38.71 1.76 1.52	36.63 2.25 0.49	39.02 2.52 0.02	37.21 2.63 0.00	41.56 2.94 0.00	41.71 2.88 0.00	43.55 2.91 0.00	154.80 9.65 0.00	51.04 3.28 0.00	48.00 3.10 1.66	51.61 2.92 0.87	48.03 2.26 0.00	52.35 2.34 0.07	44.08 2.14 0.00	43.87 2.03 0.02
BAYONEEC___CTG7 323688	30.22 1.44 -2.42	27.56 1.48 0.00	24.97 1.36 0.00	17.90 1.05 0.00	15.91 0.88 0.00	25.70 1.12 0.00	28.71 1.02 0.00	29.17 1.19 0.00	30.82 1.45 0.00	38.71 1.76 1.52	36.63 2.25 0.49	39.02 2.52 0.02	37.21 2.63 0.00	41.56 2.94 0.00	41.71 2.88 0.00	43.55 2.91 0.00	154.80 9.65 0.00	51.04 3.28 0.00	48.00 3.10 1.66	51.61 2.92 0.87	48.03 2.26 0.00	52.35 2.34 0.07	44.08 2.14 0.00	43.87 2.03 0.02

BAYONEEC___CTG8 323689	30.22 1.44 -2.42	27.56 1.48 0.00	24.97 1.36 0.00	17.90 1.05 0.00	15.91 0.88 0.00	25.70 1.12 0.00	28.71 1.02 0.00	29.17 1.19 0.00	30.82 1.45 0.00	38.71 1.76 1.52	36.63 2.25 0.49	39.02 2.52 0.02	37.21 2.63 0.00	41.56 2.94 0.00	41.71 2.88 0.00	43.55 2.91 0.00	154.80 9.65 0.00	51.04 3.28 0.00	48.00 3.10 1.66	51.61 2.92 0.87	48.03 2.26 0.00	52.35 2.34 0.07	44.08 2.14 0.00	43.87 2.03 0.02
BAYONEEC___CTG9 323749	30.22 1.44 -2.42	27.56 1.48 0.00	24.97 1.36 0.00	17.90 1.05 0.00	15.91 0.88 0.00	25.70 1.12 0.00	28.71 1.02 0.00	29.17 1.19 0.00	30.82 1.45 0.00	38.71 1.76 1.52	36.63 2.25 0.49	39.02 2.52 0.02	37.21 2.63 0.00	41.56 2.94 0.00	41.71 2.88 0.00	43.55 2.91 0.00	154.80 9.65 0.00	51.04 3.28 0.00	48.00 3.10 1.66	51.61 2.92 0.87	48.03 2.26 0.00	52.35 2.34 0.07	44.08 2.14 0.00	43.87 2.03 0.02
BEACON___LESR 323632	23.57 0.51 3.30	26.68 0.60 0.00	24.16 0.54 0.00	17.31 0.46 0.00	15.40 0.37 0.00	25.06 0.48 0.00	27.98 0.28 0.00	28.29 0.31 0.00	29.67 0.29 0.00	37.08 0.22 1.61	34.87 0.52 0.52	37.17 0.67 0.03	35.24 0.67 0.00	39.38 0.76 0.00	39.58 0.75 0.00	41.33 0.70 0.00	148.22 3.07 0.00	48.52 0.76 0.00	47.69 1.14 0.00	50.48 0.92 0.00	46.35 0.58 0.00	50.74 0.72 0.06	42.43 0.49 0.00	42.28 0.44 0.02
BEAVER RIVER___HYD 24048	25.82 0.35 0.89	26.48 0.40 0.00	23.89 0.27 0.00	17.04 0.19 0.00	15.20 0.17 0.00	24.91 0.34 0.00	28.25 0.55 0.00	28.29 0.31 0.00	29.57 0.19 0.00	36.95 -0.40 1.12	34.04 -0.47 0.36	36.04 -0.47 0.02	33.86 -0.71 0.00	37.88 -0.74 0.00	38.59 -0.24 0.00	40.66 0.03 0.00	146.16 1.01 0.00	48.27 0.51 0.00	47.88 1.32 0.00	51.39 1.83 0.00	47.66 1.89 0.00	52.38 2.17 -0.14	43.47 1.52 0.00	43.21 1.32 -0.04
BEEBEE_GT_13 23619	25.74 0.06 0.68	26.01 -0.07 0.00	23.59 -0.03 0.00	16.79 -0.06 0.00	14.98 -0.05 0.00	24.58 0.01 0.00	27.48 -0.22 0.00	27.86 -0.12 0.00	29.37 -0.01 0.00	37.27 0.23 1.43	34.65 0.23 0.47	36.79 0.28 0.02	34.64 0.06 0.00	38.32 -0.30 0.00	38.27 -0.56 0.00	40.03 -0.60 0.00	143.17 -1.97 0.00	47.18 -0.58 0.00	45.97 -0.58 0.00	48.80 -0.77 0.00	45.45 -0.32 0.00	49.93 -0.21 -0.06	41.62 -0.32 0.00	41.78 -0.10 -0.02
BENSHRST_27_KV_BENSHRST_1 355998	30.33 1.55 -2.42	27.65 1.57 0.00	25.04 1.42 0.00	17.93 1.08 0.00	15.93 0.91 0.00	25.74 1.16 0.00	28.79 1.09 0.00	29.26 1.28 0.00	30.98 1.60 0.00	38.91 1.96 1.52	36.85 2.47 0.49	39.23 2.73 0.02	37.43 2.86 0.00	41.82 3.20 0.00	41.98 3.15 0.00	43.79 3.16 0.00	155.82 10.67 0.00	51.42 3.66 0.00	49.99 3.44 0.00	53.01 3.45 0.00	48.54 2.76 0.00	52.93 2.92 0.07	44.60 2.66 0.00	44.39 2.55 0.02
BETHLEHEM___GRP 23843	24.99 0.16 1.52	26.35 0.27 0.00	23.90 0.28 0.00	17.09 0.23 0.00	15.21 0.18 0.00	24.67 0.09 0.00	27.57 -0.13 0.00	27.83 -0.15 0.00	29.20 -0.18 0.00	36.44 -0.42 1.60	34.31 -0.04 0.52	36.56 0.06 0.03	34.59 0.01 0.00	38.56 -0.06 0.00	38.78 -0.05 0.00	40.49 -0.14 0.00	145.31 0.16 0.00	47.51 -0.25 0.00	46.62 0.06 0.00	49.48 -0.09 0.00	45.54 -0.23 0.00	49.69 -0.33 0.06	41.70 -0.24 0.00	41.53 -0.31 0.02
BETHLEHEM___GS1 323560	24.99 0.16 1.52	26.35 0.27 0.00	23.90 0.28 0.00	17.09 0.23 0.00	15.21 0.18 0.00	24.67 0.09 0.00	27.57 -0.13 0.00	27.83 -0.15 0.00	29.20 -0.18 0.00	36.45 -0.42 1.60	34.31 -0.04 0.52	36.56 0.06 0.03	34.59 0.01 0.00	38.56 -0.06 0.00	38.78 -0.05 0.00	40.50 -0.13 0.00	145.31 0.16 0.00	47.51 -0.25 0.00	46.62 0.06 0.00	49.48 -0.09 0.00	45.55 -0.23 0.00	49.69 -0.33 0.06	41.70 -0.24 0.00	41.53 -0.31 0.02
BETHLEHEM___GS2 323561	24.99 0.16 1.52	26.35 0.27 0.00	23.90 0.28 0.00	17.09 0.23 0.00	15.21 0.18 0.00	24.67 0.09 0.00	27.57 -0.13 0.00	27.83 -0.15 0.00	29.20 -0.18 0.00	36.45 -0.42 1.60	34.31 -0.04 0.52	36.56 0.06 0.03	34.59 0.01 0.00	38.56 -0.06 0.00	38.78 -0.05 0.00	40.50 -0.13 0.00	145.31 0.16 0.00	47.51 -0.25 0.00	46.62 0.06 0.00	49.48 -0.09 0.00	45.55 -0.23 0.00	49.69 -0.33 0.06	41.70 -0.24 0.00	41.53 -0.31 0.02
BETHLEHEM___GS3 323562	24.99 0.16 1.52	26.35 0.27 0.00	23.90 0.28 0.00	17.09 0.23 0.00	15.21 0.18 0.00	24.67 0.09 0.00	27.57 -0.13 0.00	27.83 -0.15 0.00	29.20 -0.18 0.00	36.45 -0.42 1.60	34.31 -0.04 0.52	36.56 0.06 0.03	34.59 0.01 0.00	38.56 -0.06 0.00	38.78 -0.05 0.00	40.50 -0.13 0.00	145.31 0.16 0.00	47.51 -0.25 0.00	46.62 0.06 0.00	49.48 -0.09 0.00	45.55 -0.23 0.00	49.69 -0.33 0.06	41.70 -0.24 0.00	41.53 -0.31 0.02
BETHLEHEM___STEEL 23779	26.12 -0.24 0.00	25.65 -0.43 0.00	23.37 -0.25 0.00	16.64 -0.21 0.00	14.85 -0.17 0.00	24.48 -0.10 0.00	27.30 -0.40 0.00	27.79 -0.19 0.00	29.38 0.00 0.00	37.37 0.53 1.63	34.74 0.39 0.53	36.94 0.43 0.03	34.68 0.10 0.00	38.13 -0.49 0.00	37.89 -0.94 0.00	39.65 -0.98 0.00	141.72 -3.43 0.00	46.55 -1.21 0.00	45.40 -1.15 0.00	48.17 -1.39 0.00	45.15 -0.62 0.00	49.80 -0.28 0.00	41.54 -0.41 0.00	42.00 0.14 0.00
BETHLHEM_115KV_TB1 79974	25.54 0.21 1.03	26.40 0.32 0.00	23.94 0.32 0.00	17.12 0.27 0.00	15.24 0.21 0.00	24.72 0.14 0.00	27.64 -0.06 0.00	27.90 -0.08 0.00	29.28 -0.10 0.00	36.56 -0.30 1.60	34.42 0.06 0.52	36.67 0.16 0.03	34.70 0.13 0.00	38.70 0.08 0.00	38.90 0.08 0.00	40.64 0.01 0.00	145.75 0.61 0.00	47.70 -0.06 0.00	46.74 0.18 0.00	49.60 0.03 0.00	45.66 -0.11 0.00	49.82 -0.20 0.06	41.81 -0.13 0.00	41.64 -0.20 0.02
BETHPAGE_CC_5 323564	30.07 1.30 -2.42	27.54 1.46 0.00	24.88 1.26 0.00	17.85 1.00 0.00	15.85 0.83 0.00	25.64 1.06 0.00	28.68 0.98 0.00	29.27 1.29 0.00	32.52 1.31 -1.83	43.09 1.77 -2.85	44.94 2.51 -7.55	42.00 2.53 -2.94	40.54 2.56 -3.40	42.48 2.64 -1.22	41.31 2.48 0.00	43.15 2.56 0.04	74.43 7.49 78.21	46.72 2.76 3.80	29.17 2.72 20.10	28.47 2.43 23.53	25.50 1.73 22.01	27.82 1.78 24.04	27.25 1.63 16.32	42.31 1.53 1.08
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	26.21 -0.15 0.00	25.74 -0.34 0.00	23.44 -0.17 0.00	16.69 -0.16 0.00	14.90 -0.13 0.00	24.54 -0.03 0.00	27.38 -0.32 0.00	27.90 -0.09 0.00	29.50 0.12 0.00	37.52 0.69 1.64	34.88 0.54 0.53	37.10 0.60 0.03	34.83 0.25 0.00	38.32 -0.30 0.00	38.08 -0.76 0.00	39.84 -0.79 0.00	142.43 -2.72 0.00	46.78 -0.98 0.00	45.61 -0.94 0.00	48.37 -1.19 0.00	45.33 -0.44 0.00	50.00 -0.08 0.00	41.67 -0.27 0.00	42.13 0.28 0.00
BINGHAMTON___COGEN 23790	26.56 0.20 0.00	26.24 0.16 0.00	23.81 0.19 0.00	17.01 0.15 0.00	15.16 0.14 0.00	24.72 0.15 0.00	27.69 -0.01 0.00	28.11 0.13 0.00	29.62 0.25 0.00	36.57 0.29 2.18	34.58 0.41 0.71	37.02 0.52 0.03	35.10 0.52 0.00	39.07 0.44 0.00	39.19 0.36 0.00	40.91 0.28 0.00	146.37 1.22 0.00	48.15 0.39 0.00	47.02 0.46 0.00	49.87 0.31 0.00	46.08 0.31 0.00	50.08 0.28 0.27	42.09 0.15 0.00	42.09 0.31 0.08

BIXINCNT_115KV_LOAD 355685	26.18 -0.18 0.00	25.78 -0.30 0.00	23.51 -0.11 0.00	16.83 -0.03 0.00	15.04 0.02 0.00	24.67 0.09 0.00	27.71 0.01 0.00	28.44 0.46 0.00	30.11 0.73 0.00	38.26 1.47 1.67	35.58 1.25 0.54	37.77 1.27 0.03	35.42 0.84 0.00	39.01 0.38 0.00	38.71 -0.12 0.00	40.43 -0.20 0.00	144.48 -0.66 0.00	47.37 -0.39 0.00	46.05 -0.51 0.00	48.91 -0.66 0.00	45.77 0.00 0.00	50.45 0.42 0.05	42.07 0.13 0.00	42.61 0.76 0.01
BLACK RIVER___HYD 24047	26.09 0.58 0.84	26.66 0.58 0.00	24.01 0.39 0.00	17.14 0.29 0.00	15.32 0.29 0.00	25.12 0.54 0.00	28.50 0.80 0.00	28.47 0.49 0.00	29.77 0.40 0.00	37.18 -0.42 0.87	34.10 -0.49 0.28	36.15 -0.36 0.02	33.92 -0.66 0.00	38.02 -0.61 0.00	38.93 0.10 0.00	41.01 0.38 0.00	147.06 1.91 0.00	48.72 0.96 0.00	48.48 1.92 0.00	52.04 2.48 0.00	48.30 2.53 0.00	53.14 2.82 -0.24	43.90 1.96 0.00	43.62 1.69 -0.07
BLACKRVR_115KV_TB2 79977	26.09 0.58 0.84	26.66 0.58 0.00	24.01 0.39 0.00	17.14 0.29 0.00	15.32 0.29 0.00	25.12 0.55 0.00	28.50 0.80 0.00	28.47 0.49 0.00	29.78 0.40 0.00	37.18 -0.42 0.87	34.10 -0.49 0.28	36.15 -0.36 0.02	33.92 -0.66 0.00	38.02 -0.61 0.00	38.93 0.10 0.00	41.01 0.38 0.00	147.06 1.91 0.00	48.72 0.97 0.00	48.48 1.92 0.00	52.05 2.48 0.00	48.30 2.53 0.00	53.14 2.82 -0.24	43.90 1.96 0.00	43.62 1.69 -0.07
BLDWN_LI_69_KV_BK4 356085	30.23 1.45 -2.42	27.66 1.58 0.00	25.00 1.38 0.00	17.94 1.09 0.00	15.93 0.91 0.00	25.77 1.19 0.00	28.86 1.14 -0.02	29.42 1.42 -0.02	47.03 1.46 -16.20	56.02 1.95 -15.60	61.13 2.58 -23.67	49.89 2.56 -10.79	53.64 2.70 -16.37	52.21 2.85 -10.74	41.41 2.58 0.00	43.33 2.70 0.00	107.63 8.08 45.61	59.23 3.00 -8.48	48.09 2.95 1.42	39.07 2.69 13.19	35.45 2.02 12.33	38.76 2.18 13.50	34.78 1.99 9.14	43.13 1.89 0.61
BLISS_WT_PWR 323608	26.05 -0.31 0.00	25.66 -0.42 0.00	23.42 -0.20 0.00	16.77 -0.07 0.00	15.01 -0.02 0.00	24.60 0.02 0.00	27.68 -0.02 0.00	28.43 0.45 0.00	30.12 0.74 0.00	38.28 1.49 1.67	35.62 1.29 0.54	37.80 1.30 0.03	35.43 0.86 0.00	39.02 0.40 0.00	38.71 -0.12 0.00	40.45 -0.18 0.00	144.53 -0.62 0.00	47.37 -0.39 0.00	46.02 -0.54 0.00	48.90 -0.66 0.00	45.76 -0.01 0.00	50.43 0.40 0.05	42.05 0.11 0.00	42.61 0.76 0.01
BLUESTONE___WT_PWR 323821	27.91 0.18 -1.38	26.26 0.18 0.00	23.76 0.14 0.00	17.04 0.19 0.00	15.28 0.25 0.00	25.01 0.43 0.00	28.44 0.74 0.00	29.17 1.19 0.00	30.80 1.42 0.00	38.27 1.82 2.02	36.00 1.78 0.66	38.47 1.97 0.03	36.38 1.80 0.00	40.41 1.79 0.00	40.82 1.99 0.00	42.61 1.98 0.00	153.48 8.33 0.00	50.62 2.86 0.00	49.80 3.24 0.00	52.52 2.96 0.00	47.32 1.55 0.00	50.22 0.35 0.21	42.95 1.01 0.00	43.24 1.45 0.06
BLUE_CIRC_CHEM_DRP 24182	27.30 0.47 -0.47	26.69 0.61 0.00	24.22 0.60 0.00	17.32 0.47 0.00	15.42 0.39 0.00	25.03 0.45 0.00	27.98 0.28 0.00	28.16 0.18 0.00	29.49 0.11 0.00	36.81 -0.07 1.59	34.58 0.22 0.51	36.85 0.35 0.03	34.87 0.30 0.00	38.79 0.17 0.00	39.04 0.22 0.00	40.75 0.12 0.00	145.90 0.75 0.00	47.87 0.12 0.00	46.90 0.34 0.00	49.88 0.32 0.00	45.99 0.22 0.00	50.24 0.22 0.06	42.17 0.23 0.00	42.06 0.21 0.02
BOC_GAS_DRP 24189	28.39 0.33 -1.70	26.51 0.43 0.00	24.06 0.44 0.00	17.20 0.35 0.00	15.31 0.28 0.00	24.85 0.27 0.00	27.82 0.11 0.00	28.08 0.11 0.00	29.50 0.12 0.00	36.89 0.01 1.59	34.69 0.33 0.51	36.96 0.45 0.03	35.03 0.46 0.00	39.04 0.42 0.00	39.24 0.41 0.00	41.00 0.37 0.00	146.76 1.62 0.00	48.14 0.38 0.00	46.98 0.42 0.00	49.83 0.26 0.00	45.88 0.11 0.00	50.09 0.07 0.06	42.07 0.13 0.00	41.94 0.10 0.02
BOONVILLE_115KV_TB1 79983	25.95 0.67 1.08	26.77 0.70 0.00	24.22 0.60 0.00	17.28 0.43 0.00	15.38 0.36 0.00	25.15 0.58 0.00	28.34 0.64 0.00	28.52 0.54 0.00	29.87 0.49 0.00	37.15 0.27 1.59	34.68 0.32 0.51	36.89 0.39 0.03	34.87 0.30 0.00	38.96 0.33 0.00	39.40 0.57 0.00	41.34 0.71 0.00	148.29 3.14 0.00	48.92 1.16 0.00	48.23 1.67 0.00	51.47 1.90 0.00	47.57 1.80 0.00	52.01 1.94 0.00	43.35 1.41 0.00	43.12 1.26 0.00
BORALEX_4TH_BRANCH 23824	127.77 1.70 -99.70	27.89 1.81 0.00	25.31 1.69 0.00	18.03 1.19 0.00	16.07 1.04 0.00	26.07 1.50 0.00	28.97 1.27 0.00	29.02 1.04 0.00	30.40 1.03 0.00	37.73 0.88 1.61	35.48 1.13 0.52	37.65 1.15 0.03	35.62 1.04 0.00	39.85 1.22 0.00	40.14 1.31 0.00	41.95 1.32 0.00	148.41 3.27 0.00	48.55 0.79 0.00	47.73 1.17 0.00	51.13 1.57 0.00	47.08 1.31 0.00	51.66 1.64 0.06	43.60 1.66 0.00	44.13 2.29 0.02
BOWLINE___1 23526	29.89 1.19 -2.34	27.30 1.22 0.00	24.74 1.12 0.00	17.71 0.86 0.00	15.75 0.72 0.00	25.47 0.89 0.00	28.49 0.79 0.00	28.83 0.85 0.00	30.41 1.03 0.00	38.18 1.22 1.51	36.10 1.72 0.49	38.43 1.93 0.02	36.62 2.05 0.00	40.93 2.31 0.00	41.16 2.33 0.00	42.96 2.33 0.00	153.10 7.95 0.00	50.47 2.71 0.00	49.12 2.56 0.00	51.95 2.39 0.00	47.62 1.85 0.00	51.96 1.96 0.07	43.69 1.74 0.00	43.48 1.64 0.02
BOWLINE___2 23595	29.88 1.18 -2.34	27.29 1.21 0.00	24.73 1.11 0.00	17.71 0.86 0.00	15.74 0.72 0.00	25.46 0.88 0.00	28.47 0.77 0.00	28.81 0.83 0.00	30.38 1.00 0.00	38.13 1.17 1.51	36.05 1.67 0.49	38.37 1.87 0.02	36.57 2.00 0.00	40.87 2.25 0.00	41.10 2.27 0.00	42.89 2.26 0.00	152.83 7.69 0.00	50.38 2.62 0.00	49.05 2.49 0.00	51.86 2.30 0.00	47.55 1.77 0.00	51.88 1.87 0.07	43.61 1.67 0.00	43.42 1.58 0.02
BRADY___115KV_TB2 356060	26.62 0.26 0.00	26.28 0.19 0.00	23.76 0.14 0.00	16.88 0.04 0.00	15.10 0.08 0.00	24.90 0.33 0.00	28.35 0.65 0.00	28.60 0.62 0.00	29.90 0.52 0.00	38.43 0.64 0.69	34.91 0.26 0.22	36.48 -0.04 0.01	34.15 -0.43 0.00	38.31 -0.32 0.00	38.67 -0.16 0.00	40.78 0.14 0.00	146.67 1.52 0.00	48.23 0.47 0.00	47.04 0.48 0.00	50.55 0.98 0.00	46.94 1.16 0.00	51.63 1.56 0.00	43.14 1.20 0.00	42.97 1.11 0.00
BRANSCOMB___SOLAR 323811	115.99 1.46 -88.17	27.62 1.54 0.00	25.04 1.42 0.00	17.86 1.00 0.00	15.91 0.88 0.00	25.86 1.28 0.00	28.88 1.18 0.00	28.98 1.00 0.00	30.25 0.88 0.00	37.50 0.68 1.64	35.29 0.95 0.53	37.65 1.15 0.03	35.69 1.12 0.00	39.90 1.28 0.00	40.20 1.37 0.00	42.11 1.48 0.00	149.83 4.68 0.00	49.31 1.55 0.00	48.43 1.87 0.00	51.76 2.20 0.00	47.61 1.84 0.00	52.04 2.02 0.06	43.62 1.68 0.00	43.65 1.81 0.02
BRDGHMPT_69_KV_BK1 55812	29.50 0.73 -2.42	27.17 1.09 0.00	24.55 0.93 0.00	17.68 0.83 0.00	15.71 0.69 0.00	25.50 0.92 0.00	28.30 0.60 0.00	29.11 1.14 0.00	27.62 1.07 2.83	38.56 1.68 1.58	39.33 2.77 -1.68	39.54 2.83 -0.18	36.49 2.91 0.99	39.65 2.91 1.87	41.66 2.83 0.00	43.11 2.53 0.06	54.73 6.61 97.03	38.14 2.63 12.25	17.40 2.94 32.10	23.07 2.78 29.28	25.30 2.05 22.52	21.75 1.64 29.97	22.94 1.34 20.35	41.82 1.30 1.34

BRENTWOD_69_KV_W. BRTWOOD 56703	30.15 1.37 -2.42	27.69 1.61 0.00	25.01 1.39 0.00	17.94 1.09 0.00	15.93 0.91 0.00	25.78 1.20 0.00	28.80 1.10 0.00	29.44 1.47 0.00	28.44 1.43 2.36	39.28 1.96 1.14	39.84 2.70 -2.27	39.68 2.70 -0.45	36.66 2.64 0.55	39.70 2.64 1.56	41.28 2.45 0.00	43.10 2.52 0.06	56.93 7.09 95.32	38.55 2.47 11.68	18.12 2.53 30.96	23.08 2.27 28.75	21.59 1.70 25.88	22.57 1.87 29.38	23.72 1.73 19.95	42.25 1.71 1.31
BRISTLHL_115KV_TB1 79998	25.27 -0.33 0.75	25.74 -0.35 0.00	23.32 -0.30 0.00	16.64 -0.21 0.00	14.83 -0.20 0.00	24.21 -0.37 0.00	27.13 -0.57 0.00	27.35 -0.63 0.00	28.71 -0.66 0.00	37.51 -0.96 0.00	34.10 -0.77 0.00	35.77 -0.76 0.00	33.91 -0.67 0.00	37.79 -0.83 0.00	37.96 -0.87 0.00	39.74 -0.89 0.00	141.80 -3.35 0.00	46.89 -0.87 0.00	45.78 -0.77 0.00	48.63 -0.94 0.00	44.93 -0.84 0.00	49.66 -1.00 -0.58	41.06 -0.88 0.00	41.12 -0.90 -0.16
BROOKHAVEN___DRP 24191	29.64 0.86 -2.42	27.31 1.23 0.00	24.67 1.05 0.00	17.70 0.85 0.00	15.73 0.70 0.00	25.45 0.88 0.00	28.30 0.60 0.00	29.07 1.09 0.00	27.40 0.86 2.84	38.13 1.26 1.60	38.68 2.14 -1.67	38.80 2.10 -0.17	35.61 2.04 1.00	38.78 2.04 1.88	40.72 1.89 0.00	42.50 1.93 0.06	52.88 4.80 97.07	37.44 1.94 12.25	16.65 2.23 32.13	22.32 2.05 29.29	24.69 1.48 22.56	21.35 1.26 29.98	22.73 1.14 20.36	41.69 1.17 1.34
BROOKLYN_NAVY_YARD 23515	30.14 1.36 -2.42	27.46 1.38 0.00	24.90 1.28 0.00	17.85 1.00 0.00	15.87 0.84 0.00	25.63 1.05 0.00	28.64 0.94 0.00	29.09 1.11 0.00	30.74 1.36 0.00	38.58 1.63 1.52	36.50 2.13 0.50	38.90 2.40 0.03	37.09 2.52 0.00	41.41 2.80 0.01	41.58 2.76 0.01	43.42 2.80 0.00	154.50 9.35 0.00	50.92 3.16 0.01	49.53 2.99 0.01	52.35 2.80 0.01	47.91 2.15 0.00	52.23 2.22 0.07	43.95 2.02 0.01	43.74 1.91 0.03
BROOKLYN___ARMY_DRP 323595	30.18 1.40 -2.42	27.51 1.43 0.00	24.93 1.31 0.00	17.85 1.00 0.00	15.86 0.84 0.00	25.62 1.05 0.00	28.65 0.95 0.00	29.11 1.13 0.00	30.81 1.43 0.00	38.67 1.73 1.52	36.63 2.25 0.49	38.98 2.48 0.02	37.20 2.62 0.00	41.54 2.92 0.00	41.69 2.86 0.00	43.49 2.86 0.00	154.71 9.56 0.00	51.05 3.30 0.00	49.64 3.09 0.00	52.63 3.07 0.00	48.19 2.42 0.00	52.54 2.53 0.07	44.29 2.35 0.00	44.10 2.26 0.02
BROOME_2_LFGE 323671	26.56 0.21 0.00	26.24 0.16 0.00	23.81 0.19 0.00	17.00 0.15 0.00	15.16 0.14 0.00	24.72 0.14 0.00	27.69 -0.01 0.00	28.11 0.13 0.00	29.62 0.25 0.00	36.58 0.29 2.18	34.58 0.42 0.71	37.02 0.52 0.03	35.10 0.53 0.00	39.07 0.44 0.00	39.19 0.36 0.00	40.91 0.28 0.00	146.37 1.23 0.00	48.15 0.39 0.00	47.01 0.46 0.00	49.87 0.31 0.00	46.08 0.31 0.00	50.07 0.27 0.00	42.09 0.15 0.00	42.09 0.31 0.08
BROOME___LFGE 323600	26.56 0.21 0.00	26.24 0.16 0.00	23.81 0.19 0.00	17.00 0.15 0.00	15.16 0.14 0.00	24.72 0.14 0.00	27.69 -0.01 0.00	28.11 0.13 0.00	29.62 0.25 0.00	36.58 0.29 2.18	34.58 0.42 0.71	37.02 0.52 0.03	35.10 0.53 0.00	39.07 0.44 0.00	39.19 0.36 0.00	40.91 0.28 0.00	146.37 1.23 0.00	48.15 0.39 0.00	47.01 0.46 0.00	49.87 0.31 0.00	46.08 0.31 0.00	50.07 0.27 0.00	42.09 0.15 0.00	42.09 0.31 0.08
BROWNFLS_115KV_TB 3_5 80003	25.55 -0.01 0.80	26.10 0.02 0.00	23.54 -0.07 0.00	16.76 -0.09 0.00	14.97 -0.06 0.00	24.53 -0.05 0.00	27.87 0.16 0.00	27.96 -0.02 0.00	29.22 -0.15 0.00	36.77 -0.68 1.02	33.79 -0.75 0.33	35.60 -0.91 0.02	33.37 -1.20 0.00	37.36 -1.26 0.00	37.99 -0.84 0.00	40.06 -0.58 0.00	143.96 -1.19 0.00	47.50 -0.26 0.00	46.93 0.38 0.00	50.38 0.82 0.00	46.73 0.96 0.00	51.40 1.21 -0.11	42.77 0.83 0.00	42.54 0.65 -0.03
BROWNSV1_27_KV_LOAD 356125	30.48 1.71 -2.42	27.81 1.73 0.00	25.20 1.58 0.00	18.05 1.21 0.00	16.05 1.03 0.00	25.93 1.36 0.00	28.99 1.29 0.00	29.47 1.49 0.00	31.15 1.77 0.00	39.15 2.21 1.52	37.05 2.67 0.49	39.48 2.97 0.02	37.64 3.06 0.00	42.04 3.42 0.00	42.22 3.39 0.00	44.09 3.46 0.00	156.96 11.82 0.00	51.74 3.99 0.00	50.33 3.77 0.00	53.19 3.62 0.00	48.68 2.91 0.00	53.07 3.06 0.07	44.66 2.72 0.00	44.42 2.59 0.02
BURROWS___LYONSDAL 23803	25.88 0.56 1.04	26.68 0.61 0.00	24.12 0.50 0.00	17.21 0.36 0.00	15.32 0.30 0.00	25.08 0.50 0.00	28.31 0.61 0.00	28.44 0.46 0.00	29.78 0.40 0.00	37.05 0.08 1.49	34.50 0.11 0.48	36.67 0.16 0.02	34.62 0.04 0.00	38.67 0.05 0.00	39.17 0.34 0.00	41.15 0.52 0.00	147.69 2.55 0.00	48.74 0.98 0.00	48.12 1.57 0.00	51.44 1.88 0.00	47.60 1.82 0.00	52.10 1.97 -0.05	43.36 1.42 0.00	43.13 1.26 -0.02
CAITHNESS_CC_1 323624	29.69 0.91 -2.42	27.33 1.25 0.00	24.69 1.07 0.00	17.72 0.87 0.00	15.74 0.71 0.00	25.47 0.89 0.00	28.34 0.64 0.00	29.06 1.09 0.00	27.43 0.91 2.85	38.16 1.30 1.61	38.69 2.17 -1.65	38.82 2.12 -0.16	35.62 2.06 1.02	38.77 2.03 1.89	40.73 1.90 0.00	42.52 1.95 0.06	52.86 4.83 97.11	37.41 1.91 12.26	16.60 2.20 32.15	22.25 1.99 29.31	24.59 1.42 22.61	21.34 1.26 30.00	22.72 1.15 20.37	41.68 1.16 1.34
CALPINE BETH_PAGE_GT4 24209	30.10 1.33 -2.42	27.56 1.48 0.00	24.90 1.28 0.00	17.86 1.01 0.00	15.87 0.84 0.00	25.66 1.08 0.00	28.70 1.00 -0.01	29.29 1.30 -0.01	34.59 1.34 -3.87	45.06 1.80 -4.79	47.42 2.41 -10.14	43.11 2.43 -4.15	42.38 2.48 -5.33	43.78 2.59 -2.57	41.24 2.41 0.00	43.07 2.47 0.03	82.55 7.23 69.82	50.47 2.69 -0.02	34.40 2.64 14.80	30.98 2.36 20.94	27.86 1.68 19.59	30.40 1.73 21.41	29.02 1.60 14.52	42.42 1.53 0.96
CALPINE_BETH_PAGE_GT_4 323586	30.10 1.33 -2.42	27.55 1.47 0.00	24.90 1.28 0.00	17.86 1.01 0.00	15.87 0.84 0.00	25.66 1.08 0.00	28.70 1.00 -0.01	29.29 1.30 -0.01	34.59 1.34 -3.87	45.06 1.80 -4.79	47.41 2.40 -10.14	43.11 2.44 -4.15	42.38 2.48 -5.33	43.76 2.57 -2.57	41.24 2.41 0.00	43.08 2.48 0.03	82.55 7.23 69.82	50.47 2.69 -0.02	34.40 2.65 14.80	30.98 2.36 20.94	27.86 1.68 19.59	30.42 1.75 21.41	29.02 1.60 14.52	42.42 1.52 0.96
CALPINE_BP_GT1 23823	30.10 1.33 -2.42	27.55 1.47 0.00	24.90 1.28 0.00	17.86 1.01 0.00	15.87 0.84 0.00	25.66 1.08 0.00	28.70 1.00 -0.01	29.29 1.30 -0.01	34.59 1.34 -3.87	45.06 1.80 -4.79	47.41 2.40 -10.14	43.11 2.44 -4.15	42.38 2.48 -5.33	43.76 2.57 -2.57	41.24 2.41 0.00	43.08 2.48 0.03	82.55 7.23 69.82	50.47 2.69 -0.02	34.40 2.65 14.80	30.98 2.36 20.94	27.86 1.68 19.59	30.42 1.75 21.41	29.02 1.60 14.52	42.42 1.52 0.96
CALSPAN___DRP 24200	26.12 -0.24 0.00	25.65 -0.43 0.00	23.37 -0.25 0.00	16.64 -0.21 0.00	14.85 -0.17 0.00	24.48 -0.10 0.00	27.30 -0.40 0.00	27.79 -0.19 0.00	29.38 0.00 0.00	37.37 0.53 1.63	34.74 0.39 0.53	36.94 0.43 0.03	34.68 0.10 0.00	38.13 -0.49 0.00	37.89 -0.94 0.00	39.65 -0.98 0.00	141.72 -3.43 0.00	46.55 -1.21 0.00	45.40 -1.15 0.00	48.17 -1.39 0.00	45.15 -0.62 0.00	49.80 -0.28 0.00	41.54 -0.41 0.00	42.00 0.14 0.00

CALVERTON___SOLAR 323806	29.61 0.83 -2.42	27.29 1.21 0.00	24.65 1.03 0.00	17.70 0.84 0.00	15.72 0.69 0.00	25.45 0.87 0.00	28.28 0.58 0.00	29.08 1.10 0.00	27.39 0.85 2.84	38.13 1.26 1.60	38.69 2.15 -1.67	38.81 2.11 -0.17	35.63 2.06 1.00	38.79 2.05 1.88	40.75 1.93 0.00	42.54 1.96 0.06	52.95 4.87 97.06	37.49 1.98 12.25	16.73 2.29 32.12	22.43 2.15 29.29	24.78 1.56 22.55	21.40 1.30 29.98	22.74 1.15 20.36	41.71 1.19 1.34
CANDIGU_WT_PWR 323617	25.87 -0.49 0.00	25.50 -0.58 0.00	23.22 -0.40 0.00	16.50 -0.35 0.00	14.71 -0.32 0.00	24.21 -0.37 0.00	27.20 -0.50 0.00	27.76 -0.22 0.00	29.39 0.01 0.00	36.71 0.05 1.81	34.33 0.05 0.59	36.54 0.04 0.03	34.47 -0.10 0.00	38.15 -0.48 0.00	38.18 -0.65 0.00	40.01 -0.62 0.00	143.44 -1.70 0.00	46.94 -0.81 0.00	45.93 -0.63 0.00	48.89 -0.68 0.00	45.65 -0.12 0.00	49.99 0.02 0.12	41.79 -0.15 0.00	42.11 0.28 0.03
CARR STREET_E_SYR 24060	25.71 0.05 0.70	26.09 0.01 0.00	23.65 0.03 0.00	16.88 0.03 0.00	15.04 0.02 0.00	24.54 -0.04 0.00	27.49 -0.21 0.00	27.76 -0.22 0.00	29.19 -0.19 0.00	36.51 -0.32 1.65	34.18 -0.16 0.53	36.46 -0.05 0.03	34.55 -0.02 0.00	38.52 -0.11 0.00	38.73 -0.10 0.00	40.53 -0.11 0.00	144.79 -0.36 0.00	47.81 0.05 0.00	46.65 0.10 0.00	49.47 -0.09 0.00	45.69 -0.08 0.00	49.81 -0.22 0.05	41.68 -0.27 0.00	41.58 -0.26 0.01
CARTHAGE___PAPER 23857	26.10 0.60 0.86	26.70 0.62 0.00	24.06 0.45 0.00	17.17 0.32 0.00	15.33 0.31 0.00	25.15 0.57 0.00	28.54 0.84 0.00	28.54 0.56 0.00	29.81 0.43 0.00	37.32 -0.18 0.97	34.17 -0.39 0.31	36.17 -0.34 0.02	33.95 -0.62 0.00	38.02 -0.60 0.00	38.91 0.08 0.00	41.01 0.37 0.00	147.30 2.15 0.00	48.67 0.91 0.00	48.40 1.84 0.00	52.02 2.45 0.00	48.27 2.50 0.00	53.10 2.82 -0.20	43.94 1.99 0.00	43.66 1.74 -0.06
CASSADAGA_WT_PWR 323784	25.93 -0.43 0.00	25.68 -0.40 0.00	23.62 0.00 0.00	17.05 0.20 0.00	15.10 0.08 0.00	25.06 0.48 0.00	28.28 0.58 0.00	28.97 0.99 0.00	30.74 1.36 0.00	39.06 2.26 1.67	36.33 2.00 0.54	38.64 2.14 0.03	36.37 1.80 0.00	40.01 1.39 0.00	39.62 0.79 0.00	41.18 0.55 0.00	147.40 2.26 0.00	48.41 0.65 0.00	46.90 0.34 0.00	49.68 0.12 0.00	46.46 0.69 0.00	51.24 1.21 0.05	42.74 0.80 0.00	43.18 1.33 0.01
CE_DUNWOOD___DRP 24194	30.10 1.33 -2.41	27.46 1.38 0.00	24.89 1.27 0.00	17.82 0.97 0.00	15.85 0.82 0.00	25.63 1.06 0.00	28.65 0.95 0.00	29.04 1.06 0.00	30.64 1.26 0.00	38.49 1.54 1.52	36.39 2.01 0.49	38.76 2.25 0.02	36.93 2.35 0.00	41.24 2.62 0.00	41.45 2.62 0.00	43.29 2.66 0.00	154.20 9.05 0.00	50.82 3.06 0.00	49.48 2.92 0.00	52.32 2.76 0.00	47.94 2.17 0.00	52.27 2.26 0.07	43.95 2.01 0.00	43.78 1.94 0.02
CE_MILLWOOD___DRP 24193	30.05 1.29 -2.40	27.41 1.33 0.00	24.84 1.22 0.00	17.79 0.94 0.00	15.82 0.79 0.00	25.58 1.01 0.00	28.60 0.90 0.00	28.97 0.99 0.00	30.57 1.20 0.00	38.38 1.43 1.52	36.29 1.91 0.49	38.64 2.13 0.02	36.82 2.25 0.00	41.13 2.50 0.00	41.34 2.51 0.00	43.17 2.54 0.00	153.82 8.67 0.00	50.70 2.94 0.00	49.35 2.80 0.00	52.20 2.64 0.00	47.84 2.07 0.00	52.18 2.17 0.07	43.87 1.93 0.00	43.69 1.85 0.02
CE_NYC2_DRP 24202	30.20 1.43 -2.42	27.55 1.47 0.00	24.98 1.36 0.00	17.90 1.04 0.00	15.91 0.88 0.00	25.69 1.11 0.00	28.71 1.01 0.00	29.17 1.19 0.00	30.83 1.46 0.00	38.70 1.75 1.52	36.64 2.26 0.49	39.00 2.50 0.02	37.19 2.62 0.00	41.51 2.89 0.00	41.67 2.84 0.00	43.48 2.85 0.00	154.57 9.42 0.00	50.97 3.21 0.00	49.51 2.96 0.00	52.38 2.81 0.00	47.99 2.21 0.00	52.33 2.32 0.07	44.11 2.17 0.00	43.92 2.08 0.02
CE_NYC_DRP 24195	30.25 1.48 -2.42	27.60 1.51 0.00	25.01 1.39 0.00	17.92 1.07 0.00	15.93 0.91 0.00	25.73 1.16 0.00	28.76 1.06 0.00	29.21 1.23 0.00	30.87 1.49 0.00	38.78 1.83 1.52	36.70 2.32 0.49	39.11 2.60 0.02	37.28 2.71 0.00	41.65 3.02 0.00	41.80 2.97 0.00	43.65 3.01 0.00	155.30 10.16 0.00	51.19 3.43 0.00	49.80 3.24 0.00	52.64 3.08 0.00	48.16 2.39 0.00	52.48 2.47 0.07	44.17 2.23 0.00	43.96 2.12 0.02
CHAFFEE___LFGE 323603	26.29 -0.07 0.00	25.80 -0.28 0.00	23.49 -0.12 0.00	16.74 -0.11 0.00	14.94 -0.09 0.00	24.62 0.04 0.00	27.44 -0.26 0.00	27.95 -0.03 0.00	29.56 0.18 0.00	37.60 0.78 1.65	34.97 0.63 0.54	37.18 0.68 0.03	34.92 0.34 0.00	38.41 -0.21 0.00	38.19 -0.64 0.00	39.91 -0.72 0.00	142.70 -2.45 0.00	46.87 -0.89 0.00	45.71 -0.84 0.00	48.47 -1.09 0.00	45.43 -0.34 0.00	50.08 0.00 0.00	41.78 -0.16 0.00	42.23 0.37 0.00
CHATEAUG_35_KV_LOAD 355732	26.17 -0.19 0.00	25.84 -0.24 0.00	23.39 -0.23 0.00	16.62 -0.23 0.00	14.82 -0.20 0.00	24.39 -0.19 0.00	27.72 0.02 0.00	28.11 0.13 0.00	29.41 0.03 0.00	38.05 0.21 0.62	34.63 -0.04 0.20	36.25 -0.27 0.01	34.04 -0.53 0.00	38.20 -0.42 0.00	38.49 -0.34 0.00	40.49 -0.14 0.00	145.29 0.14 0.00	47.82 0.06 0.00	46.70 0.15 0.00	50.07 0.51 0.00	46.52 0.74 0.00	51.07 0.99 0.00	42.73 0.79 0.00	42.58 0.72 0.00
CHATEAUG_WT_PWR 323614	26.14 -0.22 0.00	25.81 -0.27 0.00	23.37 -0.25 0.00	16.60 -0.25 0.00	14.81 -0.22 0.00	24.36 -0.22 0.00	27.70 0.00 0.00	28.13 0.15 0.00	29.44 0.07 0.00	38.09 0.25 0.62	34.69 0.02 0.20	36.30 -0.21 0.01	34.08 -0.50 0.00	38.24 -0.38 0.00	38.54 -0.29 0.00	40.55 -0.08 0.00	145.40 0.26 0.00	47.85 0.09 0.00	46.71 0.16 0.00	50.06 0.50 0.00	46.47 0.70 0.00	51.02 0.94 0.00	42.72 0.78 0.00	42.54 0.69 0.00
CHAT_HIGH_FALL_HYD 323578	26.17 -0.19 0.00	25.84 -0.24 0.00	23.39 -0.23 0.00	16.62 -0.23 0.00	14.82 -0.20 0.00	24.39 -0.19 0.00	27.72 0.02 0.00	28.11 0.13 0.00	29.41 0.03 0.00	38.05 0.21 0.62	34.63 -0.04 0.20	36.25 -0.27 0.01	34.04 -0.53 0.00	38.20 -0.42 0.00	38.49 -0.34 0.00	40.49 -0.14 0.00	145.29 0.14 0.00	47.82 0.06 0.00	46.70 0.15 0.00	50.07 0.51 0.00	46.52 0.74 0.00	51.07 0.99 0.00	42.73 0.79 0.00	42.58 0.72 0.00
CHAUTAUQUA___LFGE 323629	26.02 -0.34 0.00	25.65 -0.43 0.00	23.49 -0.12 0.00	16.83 -0.02 0.00	14.97 -0.06 0.00	24.71 0.13 0.00	27.68 -0.02 0.00	28.25 0.27 0.00	29.95 0.57 0.00	38.00 1.18 1.65	35.35 1.01 0.53	37.62 1.11 0.03	35.39 0.82 0.00	38.96 0.34 0.00	38.68 -0.15 0.00	40.27 -0.36 0.00	144.26 -0.89 0.00	47.35 -0.41 0.00	46.26 -0.29 0.00	49.03 -0.53 0.00	45.87 0.10 0.00	50.60 0.52 0.00	42.17 0.23 0.00	42.63 0.77 0.00
CHERRYST_13_KV_LD 356241	30.32 1.55 -2.42	27.67 1.59 0.00	25.08 1.46 0.00	17.97 1.12 0.00	15.98 0.95 0.00	25.81 1.23 0.00	28.84 1.14 0.00	29.32 1.34 0.00	30.99 1.61 0.00	38.96 2.01 1.52	36.87 2.48 0.49	39.28 2.78 0.02	37.45 2.88 0.00	41.83 3.21 0.00	41.99 3.16 0.00	43.84 3.21 0.00	155.95 10.81 0.00	51.41 3.65 0.00	50.01 3.45 0.00	52.83 3.27 0.00	48.34 2.57 0.00	52.66 2.65 0.07	44.32 2.37 0.00	44.09 2.25 0.02

CHESTROR_138KV_BK263 355645	29.68 1.10 -2.22	27.19 1.11 0.00	24.64 1.03 0.00	17.64 0.79 0.00	15.69 0.67 0.00	25.40 0.82 0.00	28.42 0.72 0.00	28.75 0.77 0.00	30.29 0.91 0.00	38.04 1.07 1.49	35.90 1.51 0.48	38.21 1.70 0.02	36.40 1.83 0.00	40.69 2.07 0.00	40.93 2.10 0.00	42.74 2.11 0.00	152.48 7.33 0.00	50.27 2.51 0.00	48.97 2.41 0.00	51.84 2.27 0.00	47.57 1.80 0.00	51.90 1.90 0.07	43.58 1.65 0.00	43.41 1.57 0.02
CH_MIDHUDSON___DRP 24192	30.40 1.40 -2.64	27.52 1.44 0.00	24.96 1.34 0.00	17.86 1.01 0.00	15.88 0.86 0.00	25.70 1.13 0.00	28.74 1.04 0.00	29.09 1.11 0.00	30.66 1.28 0.00	38.47 1.53 1.52	36.33 1.95 0.49	38.73 2.22 0.02	36.86 2.29 0.00	41.25 2.63 0.00	41.53 2.70 0.00	43.43 2.80 0.00	155.09 9.94 0.00	51.12 3.36 0.00	49.82 3.26 0.00	52.72 3.16 0.00	48.36 2.58 0.00	52.69 2.68 0.07	44.21 2.27 0.00	44.02 2.18 0.02
CH_MISC_IPPS 23765	30.49 1.55 -2.58	27.65 1.57 0.00	25.05 1.44 0.00	17.93 1.08 0.00	15.95 0.92 0.00	25.81 1.23 0.00	28.87 1.17 0.00	29.24 1.26 0.00	30.83 1.45 0.00	38.70 1.75 1.52	36.57 2.19 0.49	38.98 2.48 0.02	37.15 2.57 0.00	41.57 2.95 0.00	41.86 3.03 0.00	43.79 3.15 0.00	156.40 11.26 0.00	51.58 3.82 0.00	50.25 3.70 0.00	53.17 3.61 0.00	48.77 3.00 0.00	53.12 3.11 0.07	44.54 2.60 0.00	44.31 2.47 0.02
CH_RES_BVR_FALLS 23983	25.37 -0.09 0.90	25.98 -0.10 0.00	23.51 -0.11 0.00	16.77 -0.08 0.00	14.95 -0.08 0.00	24.52 -0.06 0.00	27.68 -0.03 0.00	27.97 -0.01 0.00	29.33 -0.05 0.00	37.08 -0.08 1.31	34.33 -0.12 0.43	36.36 -0.15 0.02	34.35 -0.22 0.00	38.37 -0.25 0.00	38.60 -0.23 0.00	40.47 -0.16 0.00	144.90 -0.25 0.00	47.67 -0.09 0.00	46.48 -0.07 0.00	49.57 0.01 0.00	45.83 0.06 0.00	50.19 0.11 0.00	42.02 0.09 0.00	41.93 0.07 0.00
CH_RES_NIAGARA 23895	25.21 -1.15 0.00	24.77 -1.32 0.00	22.54 -1.08 0.00	16.03 -0.82 0.00	14.32 -0.70 0.00	23.59 -0.99 0.00	26.22 -1.48 0.00	26.64 -1.34 0.00	28.14 -1.24 0.00	35.84 -1.04 1.59	33.33 -1.03 0.51	35.44 -1.07 0.03	33.19 -1.38 0.00	36.38 -2.25 0.00	36.09 -2.75 0.00	37.73 -2.90 0.00	134.51 -10.63 0.00	44.25 -3.51 0.00	43.16 -3.39 0.00	45.81 -3.75 0.00	43.13 -2.64 0.00	47.63 -2.45 0.00	39.84 -2.11 0.00	40.32 -1.54 0.00
CH_RES_SYRACUSE 23985	25.74 0.06 0.69	26.10 0.03 0.00	23.65 0.03 0.00	16.89 0.04 0.00	15.06 0.03 0.00	24.56 -0.02 0.00	27.56 -0.14 0.00	27.80 -0.18 0.00	29.18 -0.20 0.00	37.54 -0.34 0.58	34.49 -0.19 0.19	36.42 -0.10 0.01	34.50 -0.07 0.00	38.47 -0.16 0.00	38.65 -0.18 0.00	40.48 -0.15 0.00	144.60 -0.55 0.00	47.79 0.03 0.00	46.62 0.07 0.00	49.50 -0.06 0.00	45.72 -0.06 0.00	50.25 -0.19 -0.36	41.71 -0.23 0.00	41.71 -0.25 -0.10
CLINTON_WT_PWR 323605	26.14 -0.22 0.00	25.81 -0.27 0.00	23.37 -0.25 0.00	16.60 -0.25 0.00	14.81 -0.22 0.00	24.36 -0.22 0.00	27.70 0.00 0.00	28.13 0.15 0.00	29.44 0.07 0.00	38.09 0.25 0.62	34.69 0.02 0.20	36.30 -0.21 0.01	34.08 -0.50 0.00	38.24 -0.38 0.00	38.54 -0.29 0.00	40.55 -0.08 0.00	145.40 0.26 0.00	47.85 0.09 0.00	46.71 0.16 0.00	50.06 0.50 0.00	46.47 0.70 0.00	51.02 0.94 0.00	42.72 0.78 0.00	42.54 0.69 0.00
CLINTON___LFGE 323618	26.36 0.00 0.00	25.97 -0.11 0.00	23.51 -0.10 0.00	16.70 -0.15 0.00	14.89 -0.13 0.00	24.51 -0.07 0.00	27.87 0.17 0.00	28.33 0.34 0.00	29.53 0.15 0.00	38.12 0.27 0.62	34.64 -0.03 0.20	36.31 -0.21 0.01	34.10 -0.48 0.00	38.23 -0.39 0.00	38.54 -0.29 0.00	40.54 -0.09 0.00	146.38 1.23 0.00	48.17 0.41 0.00	47.04 0.48 0.00	50.54 0.98 0.00	47.02 1.24 0.00	51.64 1.56 0.00	43.17 1.23 0.00	42.91 1.06 0.00
COBBLENY_34_KV_TB1 80064	26.29 -0.07 0.00	25.80 -0.28 0.00	23.49 -0.12 0.00	16.74 -0.11 0.00	14.94 -0.09 0.00	24.62 0.04 0.00	27.44 -0.26 0.00	27.95 -0.03 0.00	29.56 0.18 0.00	37.60 0.78 1.65	34.95 0.61 0.54	37.17 0.67 0.03	34.90 0.33 0.00	38.40 -0.22 0.00	38.19 -0.64 0.00	39.92 -0.71 0.00	142.74 -2.41 0.00	46.88 -0.88 0.00	45.72 -0.83 0.00	48.47 -1.09 0.00	45.44 -0.33 0.00	50.11 0.03 0.00	41.79 -0.15 0.00	42.23 0.37 0.00
COFFEEN___115KV_TB3 355620	26.25 0.73 0.84	26.80 0.72 0.00	24.14 0.52 0.00	17.23 0.38 0.00	15.40 0.37 0.00	25.26 0.68 0.00	28.65 0.94 0.00	28.59 0.60 0.00	29.87 0.49 0.00	37.22 -0.39 0.85	34.14 -0.46 0.28	36.21 -0.30 0.01	33.94 -0.64 0.00	38.09 -0.53 0.00	39.11 0.28 0.00	41.20 0.57 0.00	147.66 2.52 0.00	48.91 1.15 0.00	48.73 2.18 0.00	52.37 2.80 0.00	48.61 2.84 0.00	53.49 3.17 -0.24	44.14 2.20 0.00	43.83 1.91 -0.07
COLDSPRG_115KV_BK1 355956	26.79 0.43 0.00	26.46 0.38 0.00	24.19 0.58 0.00	17.35 0.50 0.00	15.42 0.40 0.00	25.48 0.90 0.00	28.63 0.93 0.00	29.35 1.37 0.00	31.16 1.79 0.00	39.63 2.86 1.69	36.86 2.53 0.55	39.14 2.64 0.03	36.78 2.20 0.00	40.45 1.83 0.00	40.11 1.28 0.00	41.62 0.99 0.00	148.51 3.37 0.00	48.71 0.95 0.00	47.00 0.44 0.00	49.79 0.23 0.00	46.54 0.77 0.00	51.34 1.32 0.06	42.90 0.96 0.00	43.37 1.53 0.02
COLONIE_LFGE___ 323577	147.33 1.01 -119.96	27.17 1.09 0.00	24.65 1.03 0.00	17.59 0.74 0.00	15.67 0.64 0.00	25.43 0.86 0.00	28.38 0.68 0.00	28.54 0.56 0.00	29.94 0.56 0.00	37.26 0.42 1.63	35.07 0.72 0.53	37.32 0.82 0.03	35.35 0.78 0.00	39.52 0.89 0.00	39.78 0.95 0.00	41.57 0.94 0.00	148.22 3.07 0.00	48.52 0.76 0.00	47.66 1.11 0.00	50.81 1.24 0.00	46.75 0.98 0.00	51.16 1.14 0.06	42.96 1.02 0.00	43.05 1.21 0.02
COOPERNY_115KV_TB1 80082	28.48 0.69 -1.44	26.77 0.69 0.00	24.28 0.66 0.00	17.36 0.51 0.00	15.45 0.42 0.00	25.09 0.51 0.00	28.13 0.43 0.00	28.45 0.47 0.00	29.93 0.56 0.00	37.70 0.63 1.40	35.34 0.92 0.45	37.56 1.05 0.02	35.70 1.13 0.00	39.85 1.23 0.00	40.06 1.23 0.00	41.84 1.21 0.00	149.48 4.33 0.00	49.21 1.45 0.00	47.96 1.41 0.00	50.86 1.29 0.00	46.80 1.03 0.00	51.09 1.09 0.08	42.91 0.97 0.00	42.78 0.95 0.02
COPENHAGEN_WT_PWR 323753	25.88 0.36 0.84	26.45 0.37 0.00	23.82 0.20 0.00	17.01 0.16 0.00	15.21 0.19 0.00	24.95 0.37 0.00	28.32 0.62 0.00	28.30 0.32 0.00	29.62 0.24 0.00	37.09 -0.55 0.82	34.03 -0.58 0.27	36.06 -0.45 0.01	33.83 -0.74 0.00	37.86 -0.76 0.00	38.72 -0.11 0.00	40.76 0.13 0.00	146.25 1.10 0.00	48.51 0.75 0.00	48.21 1.65 0.00	51.71 2.15 0.00	47.98 2.21 0.00	52.81 2.48 -0.26	43.65 1.71 0.00	43.39 1.46 -0.07
CORNELL_____ 23752	26.91 0.55 0.00	26.55 0.47 0.00	24.07 0.45 0.00	17.18 0.33 0.00	15.33 0.31 0.00	25.02 0.45 0.00	28.11 0.41 0.00	28.46 0.48 0.00	29.86 0.48 0.00	36.97 0.41 1.91	34.63 0.38 0.62	36.97 0.48 0.03	35.07 0.49 0.00	39.06 0.43 0.00	39.25 0.42 0.00	41.13 0.50 0.00	147.25 2.10 0.00	48.74 0.98 0.00	47.96 1.40 0.00	50.94 1.38 0.00	47.00 1.23 0.00	51.09 1.17 0.17	42.80 0.86 0.00	42.67 0.86 0.05

CORONA__69_KV_TB1 355595	30.29 1.52 -2.42	27.72 1.64 0.00	25.07 1.45 0.00	17.98 1.13 0.00	15.97 0.95 0.00	25.83 1.25 0.00	28.96 1.21 -0.04	29.51 1.48 -0.05	64.82 1.54 -33.91	72.59 2.04 -32.09	82.69 2.63 -45.18	60.21 2.67 -21.02	70.21 2.80 -32.84	64.12 3.02 -22.48	41.69 2.86 0.00	43.62 2.94 -0.05	149.72 9.10 4.52	79.39 3.26 -28.38	76.78 3.21 -27.02	52.49 2.93 0.00	48.06 2.29 0.00	52.39 2.38 0.07	44.10 2.16 0.00	43.88 2.04 0.02
CORTLAND__115KV_TB3 80093	26.66 0.30 0.00	26.31 0.23 0.00	23.86 0.24 0.00	17.04 0.19 0.00	15.23 0.21 0.00	24.86 0.28 0.00	27.91 0.21 0.00	28.24 0.26 0.00	29.67 0.30 0.00	36.70 0.22 1.98	34.53 0.30 0.64	36.92 0.42 0.03	35.00 0.43 0.00	39.04 0.41 0.00	39.23 0.40 0.00	41.03 0.40 0.00	146.81 1.67 0.00	48.51 0.75 0.00	47.55 1.00 0.00	50.46 0.89 0.00	46.57 0.80 0.00	50.65 0.76 0.18	42.45 0.51 0.00	42.33 0.52 0.05
COXSACKIE__GT 23611	27.98 1.38 -0.24	27.55 1.47 0.00	24.96 1.34 0.00	17.83 0.98 0.00	15.88 0.86 0.00	25.83 1.25 0.00	28.93 1.23 0.00	29.18 1.20 0.00	30.41 1.03 0.00	37.77 0.88 1.58	35.37 1.01 0.51	37.67 1.17 0.03	35.69 1.11 0.00	39.79 1.16 0.00	40.39 1.56 0.00	42.32 1.69 0.00	150.19 5.05 0.00	49.71 1.95 0.00	49.13 2.58 0.00	52.60 3.04 0.00	48.61 2.84 0.00	53.00 2.98 0.06	44.20 2.26 0.00	43.88 2.03 0.02
CPV_VALLEY__CC1 323721	29.53 0.94 -2.24	27.04 0.96 0.00	24.51 0.89 0.00	17.55 0.70 0.00	15.62 0.59 0.00	25.25 0.67 0.00	28.25 0.55 0.00	28.58 0.61 0.00	30.10 0.73 0.00	37.80 0.83 1.50	35.69 1.31 0.48	38.00 1.50 0.02	36.20 1.63 0.00	40.46 1.84 0.00	40.70 1.87 0.00	42.50 1.87 0.00	151.51 6.36 0.00	49.94 2.18 0.00	48.65 2.09 0.00	51.47 1.91 0.00	47.21 1.44 0.00	51.52 1.51 0.07	43.28 1.34 0.00	43.09 1.26 0.02
CPV_VALLEY__CC2 323722	29.53 0.94 -2.24	27.04 0.96 0.00	24.51 0.89 0.00	17.55 0.70 0.00	15.62 0.59 0.00	25.25 0.67 0.00	28.25 0.55 0.00	28.58 0.61 0.00	30.10 0.73 0.00	37.80 0.83 1.50	35.69 1.31 0.48	38.00 1.50 0.02	36.20 1.63 0.00	40.46 1.84 0.00	40.70 1.87 0.00	42.50 1.87 0.00	151.51 6.36 0.00	49.94 2.18 0.00	48.65 2.09 0.00	51.47 1.91 0.00	47.21 1.44 0.00	51.52 1.51 0.07	43.28 1.34 0.00	43.09 1.26 0.02
CRESCENT__HYD 24018	147.33 1.01 -119.96	27.17 1.09 0.00	24.65 1.03 0.00	17.59 0.74 0.00	15.67 0.64 0.00	25.43 0.86 0.00	28.38 0.68 0.00	28.54 0.56 0.00	29.94 0.56 0.00	37.26 0.42 1.63	35.07 0.72 0.53	37.32 0.82 0.03	35.35 0.78 0.00	39.52 0.89 0.00	39.78 0.95 0.00	41.57 0.94 0.00	148.22 3.07 0.00	48.52 0.76 0.00	47.66 1.11 0.00	50.81 1.24 0.00	46.75 0.98 0.00	51.16 1.14 0.06	42.96 1.02 0.00	43.05 1.21 0.02
CRICKET__VALLEY_CC1 323756	35.92 1.06 -8.49	27.25 1.17 0.00	24.75 1.13 0.00	17.72 0.88 0.00	15.76 0.74 0.00	25.50 0.92 0.00	28.45 0.75 0.00	28.68 0.70 0.00	30.19 0.82 0.00	37.77 0.84 1.54	35.65 1.27 0.50	38.00 1.50 0.02	36.18 1.60 0.00	40.42 1.80 0.00	40.66 1.83 0.00	42.53 1.90 0.00	151.70 6.56 0.00	49.97 2.21 0.00	48.73 2.18 0.00	51.66 2.10 0.00	47.40 1.62 0.00	51.68 1.67 0.06	43.44 1.50 0.00	43.42 1.58 0.02
CRICKET__VALLEY_CC2 323757	35.92 1.06 -8.49	27.25 1.17 0.00	24.75 1.13 0.00	17.72 0.88 0.00	15.76 0.74 0.00	25.50 0.92 0.00	28.45 0.75 0.00	28.68 0.70 0.00	30.19 0.82 0.00	37.77 0.84 1.54	35.65 1.27 0.50	38.00 1.50 0.02	36.18 1.60 0.00	40.42 1.80 0.00	40.66 1.83 0.00	42.53 1.90 0.00	151.70 6.56 0.00	49.97 2.21 0.00	48.73 2.18 0.00	51.66 2.10 0.00	47.40 1.62 0.00	51.68 1.67 0.06	43.44 1.50 0.00	43.42 1.58 0.02
CRICKET__VALLEY_CC3 323758	35.92 1.06 -8.49	27.25 1.17 0.00	24.75 1.13 0.00	17.72 0.88 0.00	15.76 0.74 0.00	25.50 0.92 0.00	28.45 0.75 0.00	28.68 0.70 0.00	30.19 0.82 0.00	37.77 0.84 1.54	35.65 1.27 0.50	38.00 1.50 0.02	36.18 1.60 0.00	40.42 1.80 0.00	40.66 1.83 0.00	42.53 1.90 0.00	151.70 6.56 0.00	49.97 2.21 0.00	48.73 2.18 0.00	51.66 2.10 0.00	47.40 1.62 0.00	51.68 1.67 0.06	43.44 1.50 0.00	43.42 1.58 0.02
CRUCIBLE__METL_DRP 24180	25.74 0.06 0.69	26.10 0.03 0.00	23.65 0.03 0.00	16.89 0.04 0.00	15.06 0.03 0.00	24.56 -0.02 0.00	27.56 -0.14 0.00	27.80 -0.18 0.00	29.18 -0.20 0.00	37.54 -0.34 0.58	34.49 -0.19 0.19	36.42 -0.10 0.01	34.50 -0.07 0.00	38.47 -0.16 0.00	38.65 -0.18 0.00	40.48 -0.15 0.00	144.59 -0.55 0.00	47.79 0.03 0.00	46.62 0.07 0.00	49.50 -0.06 0.00	45.72 -0.05 0.00	50.25 -0.19 -0.36	41.71 -0.23 0.00	41.70 -0.25 -0.10
DAHOWA__HYDRO 323763	110.15 1.61 -82.18	27.76 1.69 0.00	25.16 1.54 0.00	17.94 1.09 0.00	15.98 0.96 0.00	26.00 1.43 0.00	29.04 1.34 0.00	29.13 1.15 0.00	30.39 1.01 0.00	37.63 0.80 1.64	35.42 1.07 0.53	37.81 1.31 0.03	35.83 1.25 0.00	40.04 1.42 0.00	40.36 1.53 0.00	42.31 1.67 0.00	150.39 5.24 0.00	49.55 1.79 0.00	48.67 2.12 0.00	52.05 2.48 0.00	47.85 2.08 0.00	52.30 2.28 0.06	43.79 1.85 0.00	43.83 1.98 0.02
DANC__LFGE 323619	25.71 0.15 0.80	26.23 0.15 0.00	23.67 0.06 0.00	16.90 0.05 0.00	15.10 0.07 0.00	24.69 0.11 0.00	27.88 0.18 0.00	27.95 -0.03 0.00	29.29 -0.08 0.00	37.11 -0.70 0.66	34.02 -0.64 0.21	36.00 -0.52 0.01	33.88 -0.69 0.00	37.86 -0.77 0.00	38.47 -0.36 0.00	40.39 -0.24 0.00	144.42 -0.73 0.00	47.87 0.11 0.00	47.29 0.73 0.00	50.56 1.00 0.00	46.88 1.11 0.00	51.66 1.25 -0.33	42.74 0.80 0.00	42.59 0.65 -0.09
DANSKAMMER__1 23586	30.49 1.55 -2.58	27.65 1.57 0.00	25.05 1.44 0.00	17.93 1.08 0.00	15.95 0.92 0.00	25.81 1.23 0.00	28.87 1.17 0.00	29.24 1.26 0.00	30.83 1.45 0.00	38.70 1.75 1.52	36.57 2.19 0.49	38.98 2.48 0.02	37.15 2.57 0.00	41.57 2.95 0.00	41.86 3.03 0.00	43.79 3.15 0.00	156.40 11.26 0.00	51.58 3.82 0.00	50.25 3.70 0.00	53.17 3.61 0.00	48.77 3.00 0.00	53.12 3.11 0.07	44.54 2.60 0.00	44.31 2.47 0.02
DANSKAMMER__2 23589	30.49 1.55 -2.58	27.65 1.57 0.00	25.05 1.44 0.00	17.93 1.08 0.00	15.95 0.92 0.00	25.81 1.23 0.00	28.87 1.17 0.00	29.24 1.26 0.00	30.83 1.45 0.00	38.70 1.75 1.52	36.57 2.19 0.49	38.98 2.48 0.02	37.15 2.57 0.00	41.57 2.95 0.00	41.86 3.03 0.00	43.79 3.15 0.00	156.40 11.26 0.00	51.58 3.82 0.00	50.25 3.70 0.00	53.17 3.61 0.00	48.77 3.00 0.00	53.12 3.11 0.07	44.54 2.60 0.00	44.31 2.47 0.02
DANSKAMMER__3 23590	30.49 1.55 -2.58	27.65 1.57 0.00	25.05 1.44 0.00	17.93 1.08 0.00	15.95 0.92 0.00	25.81 1.23 0.00	28.87 1.17 0.00	29.24 1.26 0.00	30.83 1.45 0.00	38.70 1.75 1.52	36.57 2.19 0.49	38.98 2.48 0.02	37.15 2.57 0.00	41.57 2.95 0.00	41.86 3.03 0.00	43.79 3.15 0.00	156.40 11.26 0.00	51.58 3.82 0.00	50.25 3.70 0.00	53.17 3.61 0.00	48.77 3.00 0.00	53.12 3.11 0.07	44.54 2.60 0.00	44.31 2.47 0.02

DANSKAMMER___4 23591	30.49 1.55 -2.58	27.65 1.57 0.00	25.05 1.44 0.00	17.93 1.08 0.00	15.95 0.92 0.00	25.81 1.23 0.00	28.87 1.17 0.00	29.24 1.26 0.00	30.83 1.45 0.00	38.70 1.75 1.52	36.57 2.19 0.49	38.98 2.48 0.02	37.15 2.57 0.00	41.57 2.95 0.00	41.86 3.03 0.00	43.79 3.15 0.00	156.40 11.26 0.00	51.58 3.82 0.00	50.25 3.70 0.00	53.17 3.61 0.00	48.77 3.00 0.00	53.12 3.11 0.07	44.54 2.60 0.00	44.31 2.47 0.02
DANSKAMMER___DIESEL 23592	30.49 1.55 -2.58	27.65 1.57 0.00	25.05 1.44 0.00	17.93 1.08 0.00	15.95 0.92 0.00	25.81 1.23 0.00	28.87 1.17 0.00	29.25 1.26 0.00	30.83 1.45 0.00	38.70 1.75 1.52	36.58 2.19 0.49	38.98 2.48 0.02	37.15 2.57 0.00	41.57 2.95 0.00	41.86 3.03 0.00	43.78 3.15 0.00	156.40 11.25 0.00	51.58 3.82 0.00	50.25 3.70 0.00	53.17 3.61 0.00	48.77 3.00 0.00	53.12 3.11 0.07	44.54 2.60 0.00	44.31 2.47 0.02
DARBY___SOLAR 323810	115.71 1.47 -87.87	27.63 1.55 0.00	25.05 1.43 0.00	17.87 1.02 0.00	15.92 0.89 0.00	25.88 1.30 0.00	28.91 1.20 0.00	29.00 1.02 0.00	30.28 0.91 0.00	37.52 0.69 1.64	35.30 0.96 0.53	37.68 1.18 0.03	35.71 1.13 0.00	39.92 1.29 0.00	40.23 1.40 0.00	42.15 1.52 0.00	149.91 4.77 0.00	49.37 1.61 0.00	48.46 1.91 0.00	51.80 2.24 0.00	47.62 1.85 0.00	52.05 2.03 0.06	43.62 1.68 0.00	43.65 1.81 0.02
DASHVILLE___HYD 23610	32.47 1.80 -4.31	27.86 1.78 0.00	25.24 1.62 0.00	18.06 1.21 0.00	16.06 1.04 0.00	25.99 1.42 0.00	29.11 1.41 0.00	29.52 1.54 0.00	31.10 1.73 0.00	39.07 2.13 1.52	36.90 2.52 0.49	39.35 2.84 0.02	37.53 2.96 0.00	42.09 3.46 0.00	42.42 3.59 0.00	44.46 3.83 0.00	158.88 13.74 0.00	52.51 4.75 0.00	51.17 4.61 0.00	54.07 4.51 0.00	49.61 3.83 0.00	54.00 3.99 0.07	45.19 3.25 0.00	44.85 3.01 0.02
DELAWARE___LFGE 323621	30.06 0.63 -3.07	26.71 0.63 0.00	24.26 0.64 0.00	17.33 0.48 0.00	15.44 0.41 0.00	25.09 0.51 0.00	28.17 0.47 0.00	28.52 0.54 0.00	30.00 0.63 0.00	37.32 0.74 1.89	35.23 0.97 0.61	37.62 1.12 0.03	35.72 1.14 0.00	39.81 1.18 0.00	40.01 1.19 0.00	41.78 1.14 0.00	149.39 4.24 0.00	49.14 1.38 0.00	47.93 1.37 0.00	50.82 1.25 0.00	46.84 1.07 0.00	50.97 1.05 0.16	42.87 0.93 0.00	42.77 0.96 0.04
DERFIELD_115KV_TB7 355931	25.25 0.17 1.28	26.28 0.20 0.00	23.83 0.22 0.00	17.02 0.17 0.00	15.15 0.13 0.00	24.67 0.09 0.00	27.66 -0.04 0.00	27.89 -0.09 0.00	29.29 -0.09 0.00	36.33 -0.25 1.88	34.26 -0.01 0.61	36.56 0.06 0.03	34.68 0.10 0.00	38.68 0.05 0.00	38.88 0.05 0.00	40.67 0.04 0.00	145.21 0.06 0.00	47.78 0.02 0.00	46.64 0.08 0.00	49.61 0.05 0.00	45.79 0.02 0.00	50.10 0.02 0.00	41.98 0.04 0.00	41.89 0.03 0.00
DOGLEVILLE___HYD 23807	25.48 0.40 1.28	26.60 0.52 0.00	24.18 0.56 0.00	17.29 0.44 0.00	15.37 0.35 0.00	24.95 0.37 0.00	27.78 0.08 0.00	27.77 -0.21 0.00	28.84 -0.53 0.00	35.34 -1.24 1.88	33.54 -0.72 0.61	35.94 -0.56 0.03	34.16 -0.42 0.00	38.14 -0.48 0.00	38.32 -0.51 0.00	40.24 -0.39 0.00	143.67 -1.48 0.00	47.36 -0.40 0.00	46.91 0.36 0.00	50.46 0.90 0.00	46.46 0.69 0.00	50.57 0.49 0.00	42.33 0.39 0.00	42.30 0.45 0.00
DUNKIRK___115KV_TB_200 55889	26.03 -0.33 0.00	25.64 -0.44 0.00	23.46 -0.15 0.00	16.79 -0.06 0.00	14.94 -0.08 0.00	24.65 0.07 0.00	27.60 -0.10 0.00	28.16 0.18 0.00	29.85 0.48 0.00	37.87 1.05 1.65	35.23 0.89 0.53	37.50 1.00 0.03	35.28 0.70 0.00	38.83 0.21 0.00	38.57 -0.26 0.00	40.17 -0.47 0.00	143.84 -1.31 0.00	47.21 -0.55 0.00	46.16 -0.40 0.00	48.93 -0.64 0.00	45.78 0.01 0.00	50.48 0.40 0.00	42.08 0.14 0.00	42.54 0.68 0.00
DUNKIRK___1 23563	26.03 -0.33 0.00	25.64 -0.44 0.00	23.46 -0.15 0.00	16.79 -0.06 0.00	14.94 -0.08 0.00	24.65 0.07 0.00	27.60 -0.10 0.00	28.16 0.18 0.00	29.85 0.48 0.00	37.87 1.05 1.65	35.23 0.89 0.53	37.50 1.00 0.03	35.28 0.70 0.00	38.83 0.21 0.00	38.57 -0.26 0.00	40.17 -0.47 0.00	143.84 -1.31 0.00	47.21 -0.55 0.00	46.16 -0.40 0.00	48.93 -0.64 0.00	45.78 0.01 0.00	50.48 0.40 0.00	42.08 0.14 0.00	42.54 0.68 0.00
DUNKIRK___2 23564	26.03 -0.33 0.00	25.64 -0.44 0.00	23.46 -0.15 0.00	16.79 -0.06 0.00	14.94 -0.08 0.00	24.65 0.07 0.00	27.60 -0.10 0.00	28.16 0.18 0.00	29.85 0.48 0.00	37.87 1.05 1.65	35.23 0.89 0.53	37.50 1.00 0.03	35.28 0.70 0.00	38.83 0.21 0.00	38.57 -0.26 0.00	40.17 -0.47 0.00	143.84 -1.31 0.00	47.21 -0.55 0.00	46.16 -0.40 0.00	48.93 -0.64 0.00	45.78 0.01 0.00	50.48 0.40 0.00	42.08 0.14 0.00	42.54 0.68 0.00
DUNKIRK___3 23565	26.05 -0.31 0.00	25.64 -0.44 0.00	23.42 -0.20 0.00	16.74 -0.11 0.00	14.91 -0.12 0.00	24.57 -0.01 0.00	27.47 -0.23 0.00	28.01 0.03 0.00	29.66 0.29 0.00	37.65 0.83 1.64	35.03 0.69 0.53	37.28 0.77 0.03	35.05 0.47 0.00	38.57 -0.05 0.00	38.33 -0.49 0.00	39.95 -0.68 0.00	142.96 -2.19 0.00	46.92 -0.84 0.00	45.82 -0.73 0.00	48.59 -0.98 0.00	45.47 -0.30 0.00	50.14 0.06 0.00	41.80 -0.14 0.00	42.26 0.41 0.00
DUNKIRK___4 23566	26.05 -0.31 0.00	25.64 -0.44 0.00	23.42 -0.20 0.00	16.74 -0.11 0.00	14.91 -0.12 0.00	24.57 -0.01 0.00	27.47 -0.23 0.00	28.01 0.03 0.00	29.66 0.29 0.00	37.65 0.83 1.64	35.03 0.69 0.53	37.28 0.77 0.03	35.05 0.47 0.00	38.57 -0.05 0.00	38.33 -0.49 0.00	39.95 -0.68 0.00	142.96 -2.19 0.00	46.92 -0.84 0.00	45.82 -0.73 0.00	48.59 -0.98 0.00	45.47 -0.30 0.00	50.14 0.06 0.00	41.80 -0.14 0.00	42.26 0.41 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	30.17 1.39 -2.42	27.52 1.44 0.00	24.95 1.33 0.00	17.86 1.01 0.00	15.89 0.87 0.00	25.68 1.10 0.00	28.70 1.00 0.00	29.11 1.13 0.00	30.73 1.35 0.00	38.61 1.66 1.52	36.51 2.12 0.49	38.87 2.37 0.02	37.05 2.48 0.00	41.38 2.76 0.00	41.57 2.74 0.00	43.41 2.78 0.00	154.55 9.41 0.00	50.95 3.19 0.00	49.59 3.03 0.00	52.44 2.88 0.00	48.04 2.27 0.00	52.38 2.37 0.07	44.06 2.12 0.00	43.87 2.03 0.02
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	30.22 1.35 -2.51	27.44 1.36 0.00	24.86 1.24 0.00	17.80 0.95 0.00	15.83 0.80 0.00	25.61 1.03 0.00	28.66 0.96 0.00	29.02 1.04 0.00	30.58 1.20 0.00	38.40 1.44 1.51	36.27 1.89 0.49	38.63 2.13 0.02	36.82 2.25 0.00	41.18 2.56 0.00	41.45 2.62 0.00	43.34 2.70 0.00	154.70 9.56 0.00	51.03 3.28 0.00	49.71 3.16 0.00	52.60 3.03 0.00	48.26 2.49 0.00	52.60 2.59 0.07	44.14 2.20 0.00	43.91 2.07 0.02
E179THST_138_KV_TB4_REV_LBMP_J 345001	30.21 1.44 -2.42	27.55 1.47 0.00	25.00 1.38 0.00	17.90 1.04 0.00	15.91 0.88 0.00	25.67 1.10 0.00	28.74 1.04 0.00	29.19 1.21 0.00	30.81 1.43 0.00	38.59 1.64 1.52	36.57 2.19 0.49	38.95 2.44 0.02	37.14 2.57 0.00	41.45 2.83 0.00	41.63 2.80 0.00	43.44 2.81 0.00	154.59 9.45 0.00	50.99 3.23 0.00	49.52 2.97 0.00	52.44 2.88 0.00	48.08 2.31 0.00	52.43 2.42 0.07	44.05 2.11 0.00	43.81 1.97 0.02

E179THST_13_KV_LOAD 356214	30.34 1.57 -2.42	27.67 1.59 0.00	25.11 1.49 0.00	17.97 1.12 0.00	15.98 0.95 0.00	25.79 1.21 0.00	28.88 1.18 0.00	29.33 1.35 0.00	30.97 1.59 0.00	38.81 1.86 1.52	36.78 2.40 0.49	39.17 2.66 0.02	37.35 2.78 0.00	41.69 3.07 0.00	41.87 3.04 0.00	43.71 3.08 0.00	155.50 10.36 0.00	51.31 3.55 0.00	49.83 3.28 0.00	52.79 3.22 0.00	48.38 2.61 0.00	52.76 2.75 0.07	44.32 2.38 0.00	44.08 2.24 0.02
EAST HAMPTON___GT 23717	29.08 0.30 -2.42	26.72 0.64 0.00	24.17 0.55 0.00	17.47 0.62 0.00	15.53 0.51 0.00	25.25 0.67 0.00	27.97 0.27 0.00	28.77 0.80 0.00	27.45 0.90 2.83	38.43 1.55 1.58	39.36 2.81 -1.68	39.61 2.90 -0.18	36.73 3.14 0.99	39.77 3.02 1.87	41.77 2.94 0.00	42.85 2.28 0.06	53.25 5.13 97.03	37.70 2.19 12.25	16.98 2.52 32.10	22.58 2.28 29.28	24.83 1.57 22.52	21.18 1.06 29.97	22.42 0.83 20.35	41.25 0.73 1.34
EAST RIVER___6 23660	30.26 1.49 -2.42	27.60 1.51 0.00	25.01 1.39 0.00	17.92 1.07 0.00	15.94 0.91 0.00	25.74 1.16 0.00	28.76 1.06 0.00	29.21 1.23 0.00	30.86 1.48 0.00	38.78 1.83 1.52	36.70 2.32 0.49	39.10 2.60 0.02	37.29 2.71 0.00	41.65 3.03 0.00	41.81 2.98 0.00	43.66 3.03 0.00	155.23 10.09 0.00	51.18 3.42 0.00	49.79 3.23 0.00	52.63 3.07 0.00	48.16 2.39 0.00	52.48 2.47 0.07	44.18 2.24 0.00	43.97 2.13 0.02
EAST RIVER___7 23524	30.26 1.49 -2.42	27.60 1.51 0.00	25.01 1.39 0.00	17.92 1.07 0.00	15.94 0.91 0.00	25.74 1.16 0.00	28.76 1.06 0.00	29.21 1.23 0.00	30.86 1.48 0.00	38.78 1.83 1.52	36.70 2.32 0.49	39.10 2.60 0.02	37.29 2.71 0.00	41.65 3.03 0.00	41.81 2.98 0.00	43.66 3.03 0.00	155.23 10.09 0.00	51.18 3.42 0.00	49.79 3.23 0.00	52.63 3.07 0.00	48.16 2.39 0.00	52.48 2.47 0.07	44.18 2.24 0.00	43.97 2.13 0.02
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	30.10 1.33 -2.41	27.46 1.38 0.00	24.89 1.27 0.00	17.82 0.97 0.00	15.85 0.82 0.00	25.63 1.06 0.00	28.65 0.95 0.00	29.04 1.06 0.00	30.64 1.26 0.00	38.49 1.54 1.52	36.39 2.01 0.49	38.76 2.25 0.02	36.93 2.35 0.00	41.24 2.62 0.00	41.45 2.62 0.00	43.29 2.66 0.00	154.20 9.05 0.00	50.82 3.06 0.00	49.48 2.92 0.00	52.32 2.76 0.00	47.94 2.17 0.00	52.27 2.26 0.07	43.95 2.01 0.00	43.78 1.94 0.02
EAST_HAMPTON___DIESEL 23722	29.00 0.23 -2.42	26.65 0.56 0.00	24.11 0.49 0.00	17.43 0.58 0.00	15.50 0.47 0.00	25.20 0.63 0.00	27.91 0.21 0.00	28.71 0.73 0.00	27.39 0.84 2.83	38.36 1.48 1.58	39.33 2.77 -1.68	39.58 2.87 -0.18	36.71 3.13 0.99	39.74 2.99 1.87	41.73 2.90 0.00	42.77 2.20 0.06	52.89 4.78 97.03	37.58 2.07 12.25	16.85 2.39 32.10	22.46 2.17 29.28	24.71 1.45 22.52	21.04 0.93 29.97	22.30 0.71 20.35	41.13 0.61 1.34
EAST_POINT___SOLAR 323840	63.01 1.64 -35.01	27.67 1.59 0.00	25.09 1.47 0.00	17.88 1.03 0.00	15.94 0.92 0.00	25.94 1.36 0.00	29.01 1.31 0.00	28.64 0.66 0.00	29.51 0.13 0.00	36.72 -0.06 1.69	34.49 0.16 0.55	37.07 0.57 0.03	35.11 0.54 0.00	39.20 0.58 0.00	39.46 0.63 0.00	41.57 0.94 0.00	150.43 5.28 0.00	49.38 1.63 0.00	48.97 2.42 0.00	53.20 3.63 0.00	49.39 3.62 0.00	54.03 4.02 0.07	45.08 3.14 0.00	44.81 2.97 0.02
EAST_PULASKI___ESR 323781	25.52 -0.07 0.77	26.00 -0.08 0.00	23.52 -0.09 0.00	16.79 -0.06 0.00	14.97 -0.05 0.00	24.45 -0.13 0.00	27.47 -0.23 0.00	27.63 -0.35 0.00	28.99 -0.39 0.00	37.40 -0.82 0.25	34.11 -0.68 0.08	35.93 -0.60 0.00	33.93 -0.65 0.00	37.80 -0.83 0.00	38.14 -0.69 0.00	39.96 -0.67 0.00	142.51 -2.64 0.00	47.18 -0.58 0.00	46.32 -0.24 0.00	49.35 -0.22 0.00	45.70 -0.07 0.00	50.57 0.01 -0.49	41.84 -0.11 0.00	41.81 -0.19 -0.13
EAST_RIVER___1 323558	30.25 1.48 -2.42	27.60 1.51 0.00	25.01 1.39 0.00	17.92 1.07 0.00	15.93 0.91 0.00	25.73 1.16 0.00	28.76 1.06 0.00	29.22 1.24 0.00	30.86 1.49 0.00	38.78 1.83 1.52	36.70 2.32 0.49	39.10 2.60 0.02	37.28 2.71 0.00	41.64 3.02 0.00	41.80 2.97 0.00	43.66 3.02 0.00	155.29 10.14 0.00	51.19 3.43 0.00	49.81 3.25 0.00	52.64 3.07 0.00	48.17 2.40 0.00	52.48 2.47 0.07	44.18 2.23 0.00	43.96 2.12 0.02
EAST_RIVER___2 323559	30.26 1.49 -2.42	27.60 1.51 0.00	25.01 1.39 0.00	17.92 1.07 0.00	15.94 0.91 0.00	25.74 1.16 0.00	28.76 1.06 0.00	29.21 1.23 0.00	30.86 1.48 0.00	38.78 1.83 1.52	36.70 2.32 0.49	39.10 2.60 0.02	37.29 2.71 0.00	41.65 3.03 0.00	41.81 2.98 0.00	43.66 3.03 0.00	155.23 10.09 0.00	51.18 3.42 0.00	49.79 3.23 0.00	52.63 3.07 0.00	48.16 2.39 0.00	52.48 2.47 0.07	44.18 2.24 0.00	43.97 2.13 0.02
EAST___DELAWARE_HYD 23607	29.92 0.96 -2.61	27.02 0.94 0.00	24.48 0.86 0.00	17.51 0.66 0.00	15.57 0.55 0.00	25.25 0.67 0.00	28.30 0.59 0.00	28.66 0.68 0.00	30.16 0.78 0.00	37.87 0.87 1.47	35.66 1.26 0.48	37.95 1.44 0.02	36.17 1.60 0.00	40.55 1.93 0.00	40.81 1.98 0.00	42.72 2.08 0.00	152.95 7.80 0.00	50.49 2.73 0.00	49.28 2.72 0.00	52.16 2.60 0.00	47.92 2.15 0.00	52.22 2.21 0.07	43.74 1.80 0.00	43.46 1.62 0.02
EIGHT_POINT___WT_PWR 323820	25.91 -0.45 0.00	25.39 -0.69 0.00	23.09 -0.53 0.00	16.43 -0.42 0.00	14.63 -0.40 0.00	24.09 -0.49 0.00	27.23 -0.47 0.00	27.81 -0.17 0.00	29.54 0.16 0.00	37.05 0.32 1.74	34.58 0.27 0.56	36.67 0.17 0.03	34.60 0.03 0.00	38.24 -0.38 0.00	38.36 -0.47 0.00	40.29 -0.34 0.00	144.72 -0.42 0.00	46.95 -0.81 0.00	46.14 -0.42 0.00	49.34 -0.23 0.00	46.28 0.51 0.00	50.72 0.73 0.09	42.33 0.39 0.00	42.66 0.82 0.02
ELBRIDGE_115KV_TB2 80188	26.22 -0.13 0.00	25.90 -0.18 0.00	23.47 -0.15 0.00	16.76 -0.09 0.00	14.95 -0.08 0.00	24.37 -0.21 0.00	27.35 -0.35 0.00	27.60 -0.38 0.00	28.94 -0.43 0.00	37.49 -0.63 0.35	34.27 -0.49 0.11	36.11 -0.41 0.01	34.19 -0.39 0.00	38.09 -0.53 0.00	38.25 -0.58 0.00	40.05 -0.59 0.00	142.99 -2.15 0.00	47.25 -0.51 0.00	46.09 -0.47 0.00	48.99 -0.58 0.00	45.26 -0.51 0.00	49.86 -0.66 -0.44	41.33 -0.61 0.00	41.38 -0.60 -0.12
ELEC_TRO_TEK 24086	30.12 1.34 -2.42	27.56 1.48 0.00	24.92 1.30 0.00	17.88 1.02 0.00	15.88 0.85 0.00	25.67 1.09 0.00	28.74 1.02 -0.02	29.29 1.29 -0.02	44.01 1.35 -13.29	54.44 1.79 -14.18	60.21 2.39 -22.95	49.01 2.44 -10.04	51.61 2.56 -14.48	50.18 2.75 -8.81	41.39 2.56 0.00	43.27 2.63 -0.01	134.06 7.98 19.06	74.28 2.87 -23.65	68.44 2.81 -19.07	47.37 2.54 4.73	43.24 1.89 4.42	47.17 1.98 4.88	40.49 1.83 3.28	43.38 1.76 0.23
ELLENBURG_WT_PWR 323604	26.14 -0.22 0.00	25.81 -0.27 0.00	23.37 -0.25 0.00	16.60 -0.25 0.00	14.81 -0.22 0.00	24.36 -0.22 0.00	27.70 0.00 0.00	28.13 0.15 0.00	29.44 0.07 0.00	38.09 0.25 0.62	34.69 0.02 0.20	36.30 -0.21 0.01	34.08 -0.50 0.00	38.24 -0.38 0.00	38.54 -0.29 0.00	40.55 -0.08 0.00	145.40 0.26 0.00	47.85 0.09 0.00	46.71 0.16 0.00	50.06 0.50 0.00	46.47 0.70 0.00	51.02 0.94 0.00	42.72 0.78 0.00	42.54 0.69 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	25.96 -0.40 0.00	25.52 -0.56 0.00	23.24 -0.38 0.00	16.55 -0.30 0.00	14.77 -0.25 0.00	24.35 -0.23 0.00	27.14 -0.56 0.00	27.61 -0.37 0.00	29.20 -0.18 0.00	37.14 0.28 1.61	34.53 0.18 0.52	36.72 0.22 0.03	34.46 -0.12 0.00	37.86 -0.76 0.00	37.60 -1.23 0.00	39.32 -1.31 0.00	140.53 -4.62 0.00	46.17 -1.59 0.00	45.04 -1.52 0.00	47.78 -1.78 0.00	44.81 -0.96 0.00	49.41 -0.67 0.00	41.24 -0.70 0.00	41.71 -0.15 0.00
EMPIRE_CC_1 323656	24.85 0.40 1.92	26.60 0.52 0.00	24.14 0.52 0.00	17.25 0.40 0.00	15.35 0.33 0.00	24.89 0.31 0.00	27.67 -0.03 0.00	27.91 -0.07 0.00	29.29 -0.09 0.00	36.52 -0.33 1.61	34.40 0.05 0.52	36.66 0.15 0.03	34.70 0.13 0.00	38.73 0.11 0.00	38.96 0.13 0.00	40.58 -0.06 0.00	145.71 0.57 0.00	47.22 -0.54 0.00	46.57 0.01 0.00	49.47 -0.09 0.00	45.56 -0.21 0.00	49.73 -0.29 0.06	41.82 -0.13 0.00	41.70 -0.14 0.02
EMPIRE_CC_2 323658	24.85 0.40 1.92	26.60 0.52 0.00	24.14 0.52 0.00	17.25 0.40 0.00	15.35 0.33 0.00	24.89 0.31 0.00	27.67 -0.03 0.00	27.91 -0.07 0.00	29.29 -0.09 0.00	36.52 -0.33 1.61	34.40 0.05 0.52	36.66 0.15 0.03	34.70 0.13 0.00	38.73 0.11 0.00	38.96 0.13 0.00	40.58 -0.06 0.00	145.71 0.57 0.00	47.22 -0.54 0.00	46.57 0.01 0.00	49.47 -0.09 0.00	45.56 -0.21 0.00	49.73 -0.29 0.06	41.82 -0.13 0.00	41.70 -0.14 0.02
ENORWICH_115KV_TB1 80156	28.35 1.03 -0.96	27.08 1.00 0.00	24.55 0.93 0.00	17.50 0.65 0.00	15.66 0.63 0.00	25.66 1.08 0.00	29.09 1.39 0.00	29.69 1.71 0.00	31.17 1.80 0.00	38.64 2.16 1.99	36.21 1.98 0.65	38.69 2.19 0.03	36.75 2.18 0.00	40.89 2.27 0.00	41.17 2.34 0.00	42.96 2.33 0.00	154.95 9.80 0.00	51.21 3.45 0.00	50.70 4.14 0.00	53.99 4.43 0.00	49.37 3.60 0.00	53.15 3.27 0.20	44.78 2.84 0.00	44.55 2.74 0.06
ERIE_ST__34_KV_TB1-2 80199	26.46 0.09 0.00	25.96 -0.11 0.00	23.62 0.01 0.00	16.81 -0.04 0.00	15.01 -0.02 0.00	24.72 0.14 0.00	27.56 -0.14 0.00	28.10 0.12 0.00	29.73 0.35 0.00	37.86 1.03 1.64	35.18 0.84 0.53	37.37 0.87 0.03	35.09 0.52 0.00	38.66 0.04 0.00	38.41 -0.42 0.00	40.14 -0.50 0.00	143.52 -1.63 0.00	47.15 -0.60 0.00	45.97 -0.58 0.00	48.73 -0.83 0.00	45.63 -0.14 0.00	50.35 0.27 0.00	41.93 -0.01 0.00	42.38 0.52 0.00
ERIE_WT_PWR 323693	26.14 -0.22 0.00	25.67 -0.41 0.00	23.38 -0.23 0.00	16.65 -0.20 0.00	14.85 -0.17 0.00	24.50 -0.08 0.00	27.32 -0.38 0.00	27.81 -0.17 0.00	29.39 0.01 0.00	37.39 0.56 1.63	34.77 0.42 0.53	36.97 0.46 0.03	34.70 0.13 0.00	38.16 -0.46 0.00	37.92 -0.91 0.00	39.68 -0.95 0.00	141.81 -3.33 0.00	46.58 -1.17 0.00	45.45 -1.10 0.00	48.20 -1.36 0.00	45.18 -0.59 0.00	49.83 -0.25 0.00	41.54 -0.40 0.00	42.02 0.16 0.00
ESPRGFLD_115KV_TB1 80157	52.26 1.05 -24.86	27.07 0.99 0.00	24.56 0.94 0.00	17.51 0.66 0.00	15.62 0.60 0.00	25.45 0.88 0.00	28.72 1.02 0.00	29.04 1.07 0.00	30.51 1.13 0.00	38.25 1.53 1.75	35.83 1.52 0.57	38.21 1.71 0.03	36.28 1.71 0.00	40.41 1.78 0.00	40.62 1.79 0.00	42.37 1.74 0.00	151.74 6.60 0.00	50.24 2.48 0.00	49.01 2.45 0.00	52.21 2.65 0.00	48.35 2.58 0.00	52.69 2.71 0.10	44.13 2.19 0.00	43.94 2.11 0.03
ETNA_115_KV_TB1_REV_LBMP_C 345029	26.86 0.50 0.00	26.51 0.43 0.00	24.03 0.41 0.00	17.15 0.30 0.00	15.31 0.28 0.00	24.98 0.40 0.00	28.06 0.36 0.00	28.40 0.42 0.00	29.81 0.43 0.00	36.91 0.36 1.92	34.60 0.34 0.63	36.94 0.44 0.03	35.04 0.47 0.00	39.04 0.41 0.00	39.21 0.38 0.00	41.08 0.45 0.00	147.05 1.91 0.00	48.66 0.90 0.00	47.83 1.27 0.00	50.80 1.24 0.00	46.87 1.10 0.00	50.96 1.06 0.17	42.70 0.76 0.00	42.59 0.77 0.05
ETNA____115KV_TB2 80207	26.86 0.50 0.00	26.51 0.43 0.00	24.03 0.41 0.00	17.15 0.30 0.00	15.31 0.28 0.00	24.98 0.40 0.00	28.06 0.36 0.00	28.40 0.42 0.00	29.81 0.43 0.00	36.91 0.36 1.92	34.60 0.34 0.63	36.94 0.44 0.03	35.04 0.47 0.00	39.04 0.41 0.00	39.21 0.38 0.00	41.08 0.45 0.00	147.05 1.91 0.00	48.66 0.90 0.00	47.83 1.27 0.00	50.80 1.24 0.00	46.87 1.10 0.00	50.96 1.06 0.17	42.70 0.76 0.00	42.59 0.77 0.05
EUCLID___115KV_TB2 356179	25.55 -0.06 0.75	25.99 -0.09 0.00	23.56 -0.06 0.00	16.81 -0.04 0.00	14.98 -0.04 0.00	24.44 -0.13 0.00	27.39 -0.31 0.00	27.63 -0.34 0.00	29.05 -0.32 0.00	36.73 -0.50 1.24	34.14 -0.33 0.40	36.27 -0.24 0.02	34.36 -0.21 0.00	38.30 -0.32 0.00	38.51 -0.33 0.00	40.32 -0.31 0.00	143.99 -1.15 0.00	47.53 -0.23 0.00	46.39 -0.16 0.00	49.23 -0.33 0.00	45.48 -0.29 0.00	49.75 -0.44 -0.11	41.50 -0.44 0.00	41.45 -0.44 -0.03
E_CANADA_CAP_HY 24051	60.19 1.34 -32.48	27.38 1.30 0.00	24.83 1.22 0.00	17.70 0.85 0.00	15.79 0.76 0.00	25.73 1.15 0.00	28.97 1.27 0.00	29.01 1.04 0.00	30.28 0.90 0.00	37.91 1.14 1.70	35.42 1.09 0.55	37.78 1.28 0.03	35.87 1.30 0.00	39.97 1.35 0.00	40.21 1.38 0.00	42.00 1.36 0.00	150.60 5.45 0.00	49.89 2.13 0.00	48.87 2.32 0.00	52.47 2.91 0.00	48.72 2.95 0.00	53.35 3.35 0.08	44.60 2.66 0.00	44.42 2.58 0.02
E_CANADA_MHWK_HY 24050	25.48 0.40 1.28	26.60 0.52 0.00	24.18 0.56 0.00	17.29 0.44 0.00	15.38 0.35 0.00	24.95 0.37 0.00	27.78 0.08 0.00	27.77 -0.21 0.00	28.84 -0.53 0.00	35.34 -1.24 1.88	33.54 -0.72 0.61	35.94 -0.56 0.03	34.16 -0.42 0.00	38.14 -0.48 0.00	38.32 -0.51 0.00	40.24 -0.39 0.00	143.67 -1.47 0.00	47.36 -0.40 0.00	46.91 0.36 0.00	50.46 0.90 0.00	46.46 0.69 0.00	50.57 0.49 0.00	42.33 0.39 0.00	42.31 0.45 0.00
E_FISHKILL___LBMP 23776	29.99 1.17 -2.46	27.31 1.23 0.00	24.77 1.15 0.00	17.73 0.88 0.00	15.77 0.74 0.00	25.51 0.93 0.00	28.51 0.80 0.00	28.84 0.86 0.00	30.40 1.03 0.00	38.13 1.19 1.52	36.02 1.64 0.49	38.37 1.86 0.02	36.54 1.97 0.00	40.81 2.19 0.00	41.03 2.20 0.00	42.87 2.23 0.00	152.80 7.66 0.00	50.34 2.58 0.00	49.04 2.48 0.00	51.89 2.33 0.00	47.59 1.82 0.00	51.91 1.90 0.07	43.63 1.69 0.00	43.50 1.66 0.02
FALCON___SEABRD_CC1 323796	26.44 0.09 0.00	26.03 -0.05 0.00	23.58 -0.03 0.00	16.77 -0.09 0.00	14.94 -0.09 0.00	24.55 -0.03 0.00	27.91 0.21 0.00	28.37 0.39 0.00	29.71 0.33 0.00	38.42 0.58 0.62	35.07 0.39 0.20	36.71 0.19 0.01	34.41 -0.16 0.00	38.62 -0.01 0.00	38.93 0.10 0.00	41.02 0.39 0.00	146.87 1.73 0.00	48.33 0.57 0.00	47.22 0.67 0.00	50.60 1.04 0.00	47.02 1.25 0.00	51.63 1.55 0.00	43.26 1.32 0.00	43.06 1.20 0.00
FALCON___SEABRD_CC2 323797	26.44 0.09 0.00	26.03 -0.05 0.00	23.58 -0.03 0.00	16.77 -0.09 0.00	14.94 -0.09 0.00	24.55 -0.03 0.00	27.91 0.21 0.00	28.37 0.39 0.00	29.71 0.33 0.00	38.42 0.58 0.62	35.07 0.39 0.20	36.71 0.19 0.01	34.41 -0.16 0.00	38.62 -0.01 0.00	38.93 0.10 0.00	41.02 0.39 0.00	146.87 1.73 0.00	48.33 0.57 0.00	47.22 0.67 0.00	50.60 1.04 0.00	47.02 1.25 0.00	51.63 1.55 0.00	43.26 1.32 0.00	43.06 1.20 0.00

FAR ROCKAWAY___4 23548	30.47 1.69 -2.42	27.90 1.81 0.00	25.22 1.60 0.00	18.08 1.23 0.00	16.06 1.04 0.00	25.98 1.41 0.00	29.15 1.40 -0.05	29.71 1.68 -0.06	67.38 1.76 -36.24	74.51 2.35 -33.69	84.58 2.92 -46.78	61.46 2.97 -21.96	72.34 3.12 -34.64	66.02 3.37 -24.03	42.02 3.19 0.00	43.99 3.31 -0.05	150.83 10.41 4.72	77.02 3.69 -25.58	74.61 3.64 -24.41	52.93 3.36 0.00	48.43 2.66 0.00	52.81 2.79 0.07	44.43 2.49 0.00	44.20 2.36 0.02
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	30.26 1.49 -2.42	27.60 1.51 0.00	25.02 1.40 0.00	17.92 1.07 0.00	15.94 0.91 0.00	25.74 1.17 0.00	28.76 1.06 0.00	29.22 1.24 0.00	30.89 1.51 0.00	38.80 1.85 1.52	36.72 2.33 0.49	39.11 2.61 0.02	37.29 2.72 0.00	41.65 3.03 0.00	41.81 2.98 0.00	43.66 3.02 0.00	155.36 10.21 0.00	51.21 3.45 0.00	49.82 3.26 0.00	52.65 3.08 0.00	48.18 2.41 0.00	52.51 2.50 0.07	44.19 2.25 0.00	43.98 2.15 0.02
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	30.27 1.50 -2.42	27.61 1.53 0.00	25.02 1.41 0.00	17.93 1.08 0.00	15.94 0.92 0.00	25.75 1.17 0.00	28.78 1.07 0.00	29.24 1.26 0.00	30.89 1.51 0.00	38.81 1.86 1.52	36.73 2.35 0.49	39.12 2.62 0.02	37.30 2.72 0.00	41.65 3.03 0.00	41.82 3.00 0.00	43.67 3.03 0.00	155.37 10.22 0.00	51.22 3.46 0.00	49.83 3.27 0.00	52.67 3.11 0.00	48.20 2.43 0.00	52.53 2.52 0.07	44.21 2.27 0.00	44.00 2.16 0.02
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	30.24 1.47 -2.42	27.58 1.50 0.00	25.00 1.39 0.00	17.92 1.07 0.00	15.93 0.91 0.00	25.73 1.15 0.00	28.76 1.06 0.00	29.21 1.23 0.00	30.86 1.48 0.00	38.77 1.82 1.52	36.70 2.32 0.49	39.09 2.59 0.02	37.28 2.70 0.00	41.62 3.00 0.00	41.78 2.96 0.00	43.63 2.99 0.00	155.22 10.08 0.00	51.17 3.41 0.00	49.77 3.22 0.00	52.61 3.04 0.00	48.14 2.36 0.00	52.47 2.46 0.07	44.16 2.22 0.00	43.95 2.11 0.02
FARRAGUT___LBMP 323566	30.22 1.45 -2.42	27.57 1.49 0.00	24.99 1.37 0.00	17.90 1.05 0.00	15.92 0.89 0.00	25.71 1.13 0.00	28.73 1.03 0.00	29.18 1.20 0.00	30.83 1.45 0.00	38.73 1.78 1.52	36.65 2.27 0.49	39.05 2.54 0.02	37.22 2.65 0.00	41.58 2.96 0.00	41.74 2.91 0.00	43.58 2.94 0.00	155.07 9.92 0.00	51.10 3.34 0.00	49.73 3.17 0.00	52.55 2.98 0.00	48.09 2.31 0.00	52.42 2.41 0.07	44.12 2.18 0.00	43.91 2.07 0.02
FENNER___WINDPWR 24204	26.23 0.87 1.00	26.94 0.86 0.00	24.42 0.80 0.00	17.39 0.54 0.00	15.34 0.31 0.00	25.06 0.49 0.00	28.16 0.46 0.00	28.45 0.47 0.00	29.84 0.47 0.00	37.04 0.41 1.83	34.75 0.47 0.59	37.10 0.60 0.03	35.16 0.59 0.00	39.24 0.62 0.00	39.53 0.70 0.00	41.37 0.73 0.00	148.14 3.00 0.00	48.91 1.15 0.00	48.11 1.55 0.00	51.10 1.54 0.00	47.14 1.36 0.00	51.40 1.42 0.10	42.98 1.04 0.00	42.79 0.96 0.03
FIBERTEK___ENERGY 23856	25.74 0.06 0.69	26.10 0.03 0.00	23.65 0.03 0.00	16.89 0.04 0.00	15.06 0.03 0.00	24.56 -0.02 0.00	27.56 -0.14 0.00	27.80 -0.18 0.00	29.18 -0.20 0.00	37.54 -0.34 0.58	34.49 -0.19 0.19	36.42 -0.10 0.01	34.50 -0.07 0.00	38.47 -0.16 0.00	38.65 -0.18 0.00	40.48 -0.15 0.00	144.59 -0.55 0.00	47.79 0.03 0.00	46.62 0.07 0.00	49.50 -0.06 0.00	45.72 -0.05 0.00	50.25 -0.19 -0.36	41.71 -0.23 0.00	41.70 -0.25 -0.10
FITZPATRICK___ 23598	24.96 -0.59 0.81	25.50 -0.59 0.00	23.11 -0.51 0.00	16.50 -0.35 0.00	14.71 -0.32 0.00	23.99 -0.59 0.00	26.88 -0.82 0.00	27.09 -0.89 0.00	28.45 -0.93 0.00	31.44 -1.26 5.77	31.93 -1.07 1.87	35.37 -1.06 0.09	33.57 -1.01 0.00	37.40 -1.23 0.00	37.58 -1.25 0.00	39.33 -1.30 0.00	140.34 -4.81 0.00	46.30 -1.46 0.00	45.19 -1.37 0.00	48.04 -1.53 0.00	44.40 -1.37 0.00	46.78 -1.59 1.71	40.60 -1.34 0.00	40.06 -1.32 0.48
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	30.53 1.60 -2.57	27.70 1.62 0.00	25.09 1.48 0.00	17.96 1.11 0.00	15.97 0.95 0.00	25.85 1.28 0.00	28.92 1.22 0.00	29.30 1.32 0.00	30.88 1.51 0.00	38.78 1.83 1.52	36.65 2.27 0.49	39.07 2.56 0.02	37.23 2.66 0.00	41.66 3.04 0.00	41.95 3.12 0.00	43.88 3.25 0.00	156.73 11.58 0.00	51.69 3.94 0.00	50.36 3.81 0.00	53.29 3.72 0.00	48.86 3.09 0.00	53.24 3.23 0.07	44.63 2.69 0.00	44.40 2.56 0.02
FORT ORANGE___ 23900	23.93 0.42 2.85	26.62 0.54 0.00	24.14 0.52 0.00	17.26 0.41 0.00	15.37 0.34 0.00	24.93 0.35 0.00	27.87 0.16 0.00	28.11 0.13 0.00	29.46 0.08 0.00	36.75 -0.12 1.60	34.58 0.22 0.52	36.84 0.34 0.03	34.86 0.29 0.00	38.86 0.24 0.00	39.11 0.28 0.00	40.85 0.22 0.00	146.52 1.38 0.00	47.97 0.22 0.00	47.15 0.60 0.00	50.14 0.57 0.00	46.18 0.41 0.00	50.37 0.35 0.06	42.24 0.30 0.00	42.04 0.20 0.02
FORT_DRUM_COGEN 23780	26.08 0.57 0.85	26.65 0.58 0.00	24.01 0.39 0.00	17.14 0.29 0.00	15.31 0.29 0.00	25.12 0.54 0.00	28.49 0.79 0.00	28.47 0.49 0.00	29.78 0.40 0.00	37.18 -0.40 0.89	34.11 -0.48 0.29	36.16 -0.36 0.02	33.93 -0.65 0.00	38.02 -0.60 0.00	38.93 0.10 0.00	41.00 0.37 0.00	147.08 1.94 0.00	48.71 0.96 0.00	48.45 1.90 0.00	52.02 2.46 0.00	48.27 2.50 0.00	53.10 2.79 -0.23	43.89 1.95 0.00	43.60 1.67 -0.06
FOX_HILLS___ESR 323835	30.12 1.35 -2.42	27.45 1.37 0.00	24.87 1.25 0.00	17.79 0.94 0.00	15.80 0.77 0.00	25.51 0.93 0.00	28.53 0.83 0.00	29.01 1.03 0.00	30.73 1.35 0.00	38.55 1.60 1.52	36.54 2.15 0.49	38.88 2.37 0.02	37.10 2.53 0.00	41.45 2.83 0.00	41.60 2.77 0.00	43.36 2.73 0.00	154.26 9.11 0.00	50.94 3.18 0.00	49.49 2.94 0.00	52.40 2.84 0.00	47.97 2.20 0.00	52.30 2.29 0.07	44.12 2.18 0.00	43.93 2.09 0.02
FPL_FAR_ROCK_GT1 24212	30.47 1.69 -2.42	27.90 1.81 0.00	25.22 1.60 0.00	18.09 1.23 0.00	16.06 1.04 0.00	25.98 1.41 0.00	29.15 1.40 -0.05	29.72 1.68 -0.06	67.38 1.76 -36.24	74.51 2.35 -33.69	84.58 2.92 -46.78	61.46 2.97 -21.96	72.33 3.12 -34.64	66.01 3.36 -24.03	42.02 3.19 0.00	44.00 3.32 -0.05	150.82 10.40 4.72	77.02 3.69 -25.58	74.61 3.64 -24.41	52.93 3.36 0.00	48.44 2.66 0.00	52.81 2.80 0.07	44.44 2.50 0.00	44.20 2.36 0.02
FPL_FAR_ROCK_GT2 23815	30.47 1.69 -2.42	27.90 1.81 0.00	25.22 1.60 0.00	18.09 1.23 0.00	16.06 1.04 0.00	25.98 1.41 0.00	29.15 1.40 -0.05	29.72 1.68 -0.06	67.38 1.76 -36.24	74.51 2.35 -33.69	84.58 2.92 -46.78	61.46 2.97 -21.96	72.33 3.12 -34.64	66.01 3.36 -24.03	42.02 3.19 0.00	44.00 3.32 -0.05	150.82 10.40 4.72	77.02 3.69 -25.58	74.61 3.64 -24.41	52.93 3.36 0.00	48.44 2.66 0.00	52.81 2.80 0.07	44.44 2.50 0.00	44.20 2.36 0.02
FRANKLIN_FALL_HYD 24054	26.38 0.02 0.00	26.03 -0.05 0.00	23.54 -0.08 0.00	16.72 -0.13 0.00	14.92 -0.10 0.00	24.56 -0.02 0.00	27.96 0.26 0.00	28.37 0.38 0.00	29.64 0.27 0.00	38.39 0.55 0.62	34.93 0.26 0.20	36.54 0.02 0.01	34.32 -0.26 0.00	38.47 -0.15 0.00	38.83 0.00 0.00	40.91 0.27 0.00	146.76 1.62 0.00	48.49 0.73 0.00	47.35 0.79 0.00	50.65 1.08 0.00	47.10 1.33 0.00	51.70 1.62 0.00	43.20 1.26 0.00	42.94 1.08 0.00

FREEPORT_EQUS_GT1 23764	30.21 1.44 -2.42	27.65 1.57 0.00	24.99 1.38 0.00	17.93 1.08 0.00	15.93 0.90 0.00	25.76 1.18 0.00	28.83 1.12 -0.02	29.42 1.42 -0.02	42.05 1.46 -11.21	51.80 1.96 -11.38	55.98 2.59 -18.52	47.34 2.60 -8.21	49.27 2.71 -12.00	48.88 2.83 -7.43	41.39 2.56 0.00	43.29 2.67 0.01	101.51 7.93 51.57	57.96 2.94 -7.26	45.44 2.90 4.02	37.05 2.63 15.14	33.58 1.98 14.17	36.76 2.18 15.50	33.42 1.98 10.50	43.03 1.87 0.70
FREEPORT___CT2 23818	30.21 1.44 -2.42	27.65 1.57 0.00	24.99 1.38 0.00	17.93 1.08 0.00	15.93 0.90 0.00	25.76 1.18 0.00	28.83 1.12 -0.02	29.42 1.42 -0.02	42.05 1.46 -11.21	51.80 1.96 -11.38	55.98 2.59 -18.52	47.34 2.60 -8.21	49.27 2.71 -12.00	48.88 2.83 -7.43	41.39 2.56 0.00	43.29 2.67 0.01	101.51 7.93 51.57	57.96 2.94 -7.26	45.44 2.90 4.02	37.05 2.63 15.14	33.58 1.98 14.17	36.76 2.18 15.50	33.42 1.98 10.50	43.03 1.87 0.70
FRESHKLS_33_KV_LOAD 356253	30.16 1.39 -2.42	27.48 1.40 0.00	24.90 1.28 0.00	17.79 0.94 0.00	15.79 0.77 0.00	25.49 0.92 0.00	28.51 0.81 0.00	29.03 1.06 0.00	30.76 1.39 0.00	38.59 1.64 1.52	36.58 2.19 0.49	38.90 2.40 0.02	37.12 2.54 0.00	41.47 2.85 0.00	41.61 2.78 0.00	43.34 2.70 0.00	154.28 9.14 0.00	51.01 3.25 0.00	49.43 2.95 0.08	52.36 2.80 0.00	47.92 2.15 0.00	52.23 2.22 0.07	44.07 2.13 0.00	43.92 2.07 0.02
FULTON COGEN____ 23766	25.27 -0.33 0.75	25.74 -0.35 0.00	23.32 -0.30 0.00	16.64 -0.21 0.00	14.83 -0.20 0.00	24.21 -0.37 0.00	27.13 -0.57 0.00	27.35 -0.63 0.00	28.71 -0.66 0.00	37.51 -0.96 0.00	34.10 -0.77 0.00	35.77 -0.76 0.00	33.91 -0.67 0.00	37.79 -0.83 0.00	37.96 -0.87 0.00	39.74 -0.89 0.00	141.80 -3.35 0.00	46.89 -0.87 0.00	45.78 -0.77 0.00	48.63 -0.94 0.00	44.93 -0.84 0.00	49.66 -1.00 -0.58	41.06 -0.88 0.00	41.12 -0.90 -0.16
FULTON___LFGE 323630	63.49 1.48 -35.65	27.52 1.44 0.00	24.96 1.34 0.00	17.80 0.95 0.00	15.86 0.84 0.00	25.81 1.23 0.00	28.93 1.23 0.00	28.87 0.89 0.00	29.93 0.56 0.00	37.20 0.42 1.68	34.79 0.46 0.54	37.08 0.58 0.03	35.21 0.64 0.00	39.28 0.65 0.00	39.53 0.70 0.00	41.38 0.75 0.00	148.74 3.59 0.00	49.40 1.64 0.00	48.83 2.28 0.00	52.74 3.17 0.00	48.88 3.11 0.00	53.43 3.42 0.07	44.63 2.69 0.00	44.43 2.59 0.02
G.F.CEMENT___DRP 24184	100.67 1.85 -72.47	28.02 1.94 0.00	25.40 1.78 0.00	18.10 1.25 0.00	16.12 1.09 0.00	26.25 1.67 0.00	29.35 1.64 0.00	29.38 1.40 0.00	30.59 1.21 0.00	37.76 0.94 1.65	35.59 1.25 0.53	38.12 1.62 0.03	36.11 1.53 0.00	40.34 1.71 0.00	40.70 1.87 0.00	42.72 2.09 0.00	151.29 6.15 0.00	49.97 2.21 0.00	49.02 2.46 0.00	52.47 2.91 0.00	48.17 2.40 0.00	52.58 2.56 0.06	43.98 2.04 0.00	44.01 2.16 0.02
GARDENVILLE___LBMP 24039	26.00 -0.36 0.00	25.54 -0.54 0.00	23.28 -0.34 0.00	16.58 -0.27 0.00	14.80 -0.22 0.00	24.39 -0.18 0.00	27.22 -0.48 0.00	27.70 -0.28 0.00	29.28 -0.10 0.00	37.18 0.36 1.64	34.58 0.23 0.53	36.76 0.25 0.03	34.49 -0.08 0.00	37.94 -0.68 0.00	37.72 -1.11 0.00	39.48 -1.15 0.00	141.18 -3.97 0.00	46.35 -1.41 0.00	45.22 -1.34 0.00	48.01 -1.56 0.00	45.03 -0.75 0.00	49.65 -0.42 0.00	41.42 -0.52 0.00	41.90 0.04 0.00
GARDNVLA_35_KV_LD 355827	26.17 -0.18 0.00	25.69 -0.38 0.00	23.40 -0.21 0.00	16.66 -0.19 0.00	14.87 -0.15 0.00	24.50 -0.08 0.00	27.33 -0.37 0.00	27.83 -0.15 0.00	29.42 0.05 0.00	37.42 0.58 1.63	34.80 0.46 0.53	37.01 0.51 0.03	34.75 0.18 0.00	38.21 -0.41 0.00	38.00 -0.83 0.00	39.77 -0.86 0.00	142.16 -2.98 0.00	46.69 -1.06 0.00	45.54 -1.02 0.00	48.30 -1.27 0.00	45.28 -0.49 0.00	49.92 -0.16 0.00	41.62 -0.32 0.00	42.07 0.22 0.00
GELCKHM___115KV_LOAD 80723	25.62 -0.02 0.73	26.03 -0.05 0.00	23.59 -0.03 0.00	16.84 -0.01 0.00	15.01 -0.02 0.00	24.48 -0.09 0.00	27.45 -0.25 0.00	27.69 -0.29 0.00	29.09 -0.29 0.00	37.07 -0.45 0.94	34.28 -0.29 0.31	36.31 -0.20 0.02	34.40 -0.17 0.00	38.35 -0.27 0.00	38.55 -0.29 0.00	40.37 -0.26 0.00	144.16 -0.99 0.00	47.62 -0.14 0.00	46.48 -0.07 0.00	49.33 -0.23 0.00	45.56 -0.21 0.00	49.96 -0.35 -0.23	41.58 -0.36 0.00	41.54 -0.38 -0.06
GENERAL___MILLS 23808	26.12 -0.24 0.00	25.65 -0.43 0.00	23.37 -0.25 0.00	16.64 -0.21 0.00	14.85 -0.17 0.00	24.48 -0.10 0.00	27.30 -0.40 0.00	27.79 -0.19 0.00	29.38 0.00 1.63	37.37 0.53 1.63	34.74 0.39 0.53	36.94 0.43 0.03	34.68 0.10 0.00	38.13 -0.49 0.00	37.89 -0.94 0.00	39.65 -0.98 0.00	141.72 -3.43 0.00	46.55 -1.21 0.00	45.40 -1.15 0.00	48.17 -1.39 0.00	45.15 -0.62 0.00	49.80 -0.28 0.00	41.54 -0.41 0.00	42.00 0.14 0.00
GE_PLASTICS___DRP 24183	26.45 0.23 0.14	26.51 0.43 0.00	24.03 0.42 0.00	17.21 0.36 0.00	15.33 0.30 0.00	24.87 0.29 0.00	27.82 0.11 0.00	28.08 0.10 0.00	29.47 0.09 0.00	36.82 -0.05 1.59	34.64 0.28 0.52	36.90 0.40 0.03	34.90 0.33 0.00	38.78 0.16 0.00	38.92 0.09 0.00	40.67 0.04 0.00	145.68 0.53 0.00	47.73 -0.03 0.00	46.70 0.15 0.00	49.57 0.00 0.00	45.64 -0.13 0.00	49.82 -0.20 0.06	41.82 -0.12 0.00	41.67 -0.17 0.02
GILBOA___1 23756	27.75 0.54 -0.84	26.68 0.60 0.00	24.28 0.66 0.00	17.35 0.50 0.00	15.44 0.42 0.00	24.99 0.41 0.00	27.98 0.28 0.00	28.27 0.29 0.00	29.71 0.33 0.00	37.06 0.24 1.64	34.94 0.60 0.53	37.23 0.73 0.03	35.34 0.77 0.00	39.43 0.81 0.00	39.61 0.78 0.00	41.33 0.70 0.00	147.66 2.52 0.00	48.32 0.56 0.00	47.10 0.55 0.00	49.95 0.38 0.00	46.04 0.26 0.00	50.33 0.33 0.08	42.40 0.46 0.00	42.34 0.50 0.02
GILBOA___2 23757	27.75 0.54 -0.84	26.68 0.60 0.00	24.28 0.66 0.00	17.35 0.50 0.00	15.44 0.42 0.00	24.99 0.41 0.00	27.98 0.28 0.00	28.27 0.29 0.00	29.71 0.33 0.00	37.06 0.24 1.64	34.94 0.60 0.53	37.23 0.73 0.03	35.34 0.77 0.00	39.43 0.81 0.00	39.61 0.78 0.00	41.33 0.70 0.00	147.66 2.52 0.00	48.32 0.56 0.00	47.10 0.55 0.00	49.95 0.38 0.00	46.04 0.26 0.00	50.33 0.33 0.08	42.40 0.46 0.00	42.34 0.50 0.02
GILBOA___3 23758	27.75 0.54 -0.84	26.68 0.60 0.00	24.28 0.66 0.00	17.35 0.50 0.00	15.44 0.42 0.00	24.99 0.41 0.00	27.98 0.28 0.00	28.27 0.29 0.00	29.71 0.33 0.00	37.06 0.24 1.64	34.94 0.60 0.53	37.23 0.73 0.03	35.34 0.77 0.00	39.43 0.81 0.00	39.61 0.78 0.00	41.33 0.70 0.00	147.66 2.52 0.00	48.32 0.56 0.00	47.10 0.55 0.00	49.95 0.38 0.00	46.04 0.26 0.00	50.33 0.33 0.08	42.40 0.46 0.00	42.34 0.50 0.02
GILBOA___4 23759	27.75 0.54 -0.84	26.68 0.60 0.00	24.28 0.66 0.00	17.35 0.50 0.00	15.44 0.42 0.00	24.99 0.41 0.00	27.98 0.28 0.00	28.27 0.29 0.00	29.71 0.33 0.00	37.06 0.24 1.64	34.94 0.60 0.53	37.23 0.73 0.03	35.34 0.77 0.00	39.43 0.81 0.00	39.61 0.78 0.00	41.33 0.70 0.00	147.66 2.52 0.00	48.32 0.56 0.00	47.10 0.55 0.00	49.95 0.38 0.00	46.04 0.26 0.00	50.33 0.33 0.08	42.40 0.46 0.00	42.34 0.50 0.02

GILBOA____ 23599	27.75 0.54 -0.84	26.68 0.61 0.00	24.28 0.66 0.00	17.35 0.50 0.00	15.44 0.42 0.00	24.99 0.41 0.00	27.98 0.28 0.00	28.27 0.29 0.00	29.71 0.33 0.00	37.06 0.23 1.64	34.94 0.60 0.53	37.23 0.73 0.03	35.34 0.77 0.00	39.44 0.81 0.00	39.61 0.78 0.00	41.33 0.70 0.00	147.66 2.52 0.00	48.32 0.56 0.00	47.10 0.55 0.00	49.94 0.38 0.00	46.04 0.26 0.00	50.33 0.33 0.08	42.40 0.46 0.00	42.34 0.50 0.02
GINNA____ 23603	24.53 -1.13 0.71	24.86 -1.22 0.00	22.54 -1.08 0.00	16.05 -0.80 0.00	14.32 -0.71 0.00	23.44 -1.14 0.00	26.23 -1.47 0.00	26.58 -1.40 0.00	28.00 -1.38 0.00	35.42 -1.64 1.41	32.98 -1.43 0.46	35.03 -1.47 0.02	33.03 -1.54 0.00	36.61 -2.01 0.00	36.61 -2.22 0.00	38.32 -2.31 0.00	137.14 -8.00 0.00	45.25 -2.51 0.00	44.08 -2.47 0.00	46.77 -2.79 0.00	43.50 -2.27 0.00	47.74 -2.41 -0.07	39.77 -2.17 0.00	39.86 -2.02 -0.02
GLEN PARK____ 23778	26.19 0.67 0.84	26.74 0.66 0.00	24.09 0.47 0.00	17.20 0.34 0.00	15.36 0.34 0.00	25.20 0.63 0.00	28.59 0.89 0.00	28.53 0.55 0.00	29.82 0.45 0.00	37.18 -0.43 0.86	34.10 -0.49 0.28	36.17 -0.34 0.01	33.90 -0.67 0.00	38.05 -0.58 0.00	39.03 0.20 0.00	41.12 0.49 0.00	147.42 2.27 0.00	48.82 1.07 0.00	48.64 2.08 0.00	52.25 2.68 0.00	48.51 2.73 0.00	53.35 3.03 -0.24	44.04 2.10 0.00	43.75 1.82 -0.07
GLENDALE_27_KV_LOAD 356172	30.33 1.55 -2.42	27.67 1.59 0.00	25.08 1.46 0.00	17.96 1.11 0.00	15.97 0.94 0.00	25.79 1.21 0.00	28.85 1.14 0.00	29.31 1.33 0.00	30.99 1.62 0.00	38.92 1.98 1.52	36.83 2.45 0.49	39.22 2.71 0.02	37.40 2.83 0.00	41.74 3.13 0.00	41.91 3.08 0.00	43.75 3.12 0.00	155.54 10.39 0.00	51.26 3.50 0.00	49.80 3.25 0.00	52.70 3.14 0.00	48.28 2.51 0.00	52.65 2.64 0.07	44.36 2.42 0.00	44.15 2.31 0.02
GLENWOOD_IC_1_G5 23712	30.26 1.49 -2.42	27.66 1.58 0.00	25.03 1.41 0.00	17.94 1.09 0.00	15.94 0.92 0.00	25.77 1.20 0.00	28.84 1.13 -0.01	29.33 1.35 -0.01	36.82 1.50 -5.94	48.15 1.95 -7.74	52.10 2.34 -14.88	45.02 2.41 -6.08	45.01 2.53 -7.90	45.34 2.78 -3.94	41.53 2.69 0.00	43.38 2.76 0.01	122.99 8.90 31.05	70.16 3.20 -19.20	61.21 3.14 -11.52	43.37 2.90 9.10	39.38 2.12 8.51	42.89 2.15 9.34	37.57 1.94 6.31	43.40 1.97 0.43
GLENWOOD_IC_2_G1 23688	30.17 1.39 -2.42	27.55 1.47 0.00	24.95 1.33 0.00	17.88 1.03 0.00	15.89 0.86 0.00	25.69 1.11 0.00	28.73 1.03 0.00	29.19 1.21 0.00	30.74 1.37 0.00	38.84 1.72 1.34	37.00 2.23 0.11	39.03 2.40 -0.10	37.19 2.51 -0.11	41.36 2.74 0.00	41.51 2.68 0.00	43.38 2.75 0.00	153.94 8.94 0.14	52.04 3.10 -1.18	50.66 2.99 -1.12	52.34 2.78 0.00	47.92 2.15 0.00	52.24 2.23 0.07	43.95 2.01 0.00	43.78 1.94 0.02
GLENWOOD_IC_3_G1 23689	30.17 1.39 -2.42	27.55 1.47 0.00	24.95 1.33 0.00	17.88 1.03 0.00	15.89 0.86 0.00	25.69 1.11 0.00	28.73 1.03 0.00	29.19 1.21 0.00	30.74 1.37 0.00	38.84 1.72 1.34	37.00 2.23 0.11	39.03 2.40 -0.10	37.19 2.51 -0.11	41.36 2.74 0.00	41.51 2.68 0.00	43.38 2.75 0.00	153.94 8.94 0.14	52.04 3.10 -1.18	50.66 2.99 -1.12	52.34 2.78 0.00	47.92 2.15 0.00	52.24 2.23 0.07	43.95 2.01 0.00	43.78 1.94 0.02
GLENWOOD____4 23550	30.26 1.49 -2.42	27.66 1.58 0.00	25.03 1.41 0.00	17.94 1.09 0.00	15.94 0.92 0.00	25.77 1.20 0.00	28.84 1.13 -0.01	29.33 1.35 -0.01	36.82 1.50 -5.94	48.15 1.95 -7.74	52.17 2.41 -14.88	45.11 2.51 -6.08	45.09 2.62 -7.90	45.42 2.87 -3.94	41.61 2.79 0.00	43.49 2.86 0.01	123.33 9.24 31.05	70.24 3.28 -19.20	61.27 3.20 -11.52	43.43 2.96 9.10	39.48 2.22 8.51	43.01 2.27 9.34	37.67 2.04 6.31	43.46 2.03 0.43
GLENWOOD____5 23614	30.26 1.49 -2.42	27.66 1.58 0.00	25.03 1.41 0.00	17.94 1.09 0.00	15.94 0.92 0.00	25.77 1.20 0.00	28.84 1.13 -0.01	29.33 1.35 -0.01	36.82 1.50 -5.94	48.15 1.95 -7.74	52.17 2.41 -14.88	45.11 2.51 -6.08	45.09 2.62 -7.90	45.42 2.87 -3.94	41.61 2.79 0.00	43.49 2.86 0.01	123.33 9.24 31.05	70.24 3.28 -19.20	61.27 3.20 -11.52	43.43 2.96 9.10	39.48 2.22 8.51	43.01 2.27 9.34	37.67 2.04 6.31	43.46 2.03 0.43
GLOBAL GREEN_PORT_GT1 23814	29.37 0.60 -2.42	27.02 0.94 0.00	24.43 0.81 0.00	17.62 0.77 0.00	15.67 0.64 0.00	25.45 0.87 0.00	28.22 0.52 0.00	29.03 1.06 0.00	27.62 1.07 2.83	38.61 1.73 1.58	39.41 2.86 -1.68	39.64 2.93 -0.18	36.68 3.10 0.99	39.78 3.03 1.87	41.79 2.96 0.00	43.13 2.55 0.06	54.59 6.47 97.02	38.12 2.61 12.25	17.39 2.93 32.09	23.02 2.73 29.27	25.26 2.00 22.51	21.68 1.57 29.96	22.85 1.26 20.35	41.69 1.17 1.34
GLOBE____DSASP 323697	25.14 -1.22 0.00	24.70 -1.38 0.00	22.49 -1.13 0.00	16.00 -0.85 0.00	14.29 -0.74 0.00	23.52 -1.05 0.00	26.16 -1.55 0.00	26.57 -1.41 0.00	28.07 -1.31 0.00	35.75 -1.14 1.59	33.24 -1.12 0.51	35.35 -1.16 0.03	33.10 -1.48 0.00	36.28 -2.34 0.00	35.98 -2.84 0.00	37.63 -3.00 0.00	134.14 -11.01 0.00	44.11 -3.65 0.00	43.03 -3.53 0.00	45.68 -3.89 0.00	43.02 -2.76 0.00	47.50 -2.58 0.00	39.75 -2.20 0.00	40.21 -1.65 0.00
GOETHSLN____LBMP 323567	30.13 1.36 -2.42	27.45 1.37 0.00	24.88 1.26 0.00	17.84 0.99 0.00	15.86 0.84 0.00	25.60 1.03 0.00	28.61 0.91 0.00	29.04 1.06 0.00	30.69 1.31 0.00	38.53 1.58 1.52	36.49 2.10 0.49	38.84 2.33 0.02	37.04 2.46 0.00	41.37 2.75 0.00	41.53 2.70 0.00	43.33 2.70 0.00	153.97 8.82 0.00	50.79 3.03 0.00	49.42 2.87 0.00	52.26 2.69 0.00	47.82 2.05 0.00	52.12 2.11 0.07	43.88 1.94 0.00	43.68 1.84 0.02
GOLAH____69_KV_TB 1_2 80279	26.72 0.36 0.00	26.24 0.16 0.00	23.82 0.20 0.00	16.94 0.09 0.00	15.12 0.09 0.00	24.84 0.26 0.00	27.75 0.04 0.00	28.17 0.19 0.00	29.60 0.22 0.00	37.61 0.57 1.43	34.89 0.48 0.46	36.92 0.42 0.02	34.71 0.13 0.00	38.39 -0.24 0.00	38.28 -0.55 0.00	40.05 -0.58 0.00	143.41 -1.73 0.00	47.35 -0.41 0.00	46.19 -0.36 0.00	49.01 -0.55 0.00	45.73 -0.04 0.00	50.28 0.15 -0.06	41.90 -0.04 0.00	42.16 0.28 -0.02
GOODYEAR_LAKE_HYD 323669	35.02 0.82 -7.84	26.88 0.80 0.00	24.39 0.77 0.00	17.42 0.57 0.00	15.52 0.50 0.00	25.25 0.67 0.00	28.42 0.72 0.00	28.81 0.83 0.00	30.31 0.93 0.00	37.83 1.21 1.84	35.63 1.36 0.60	38.04 1.54 0.03	36.12 1.55 0.00	40.24 1.62 0.00	40.46 1.63 0.00	42.23 1.60 0.00	151.06 5.91 0.00	49.81 2.06 0.00	48.60 2.04 0.00	51.56 2.00 0.00	47.57 1.80 0.00	51.73 1.79 0.14	43.44 1.50 0.00	43.27 1.45 0.04
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	26.59 0.23 0.00	26.26 0.18 0.00	23.84 0.22 0.00	17.02 0.17 0.00	15.17 0.15 0.00	24.75 0.17 0.00	27.72 0.02 0.00	28.15 0.17 0.00	29.67 0.30 0.00	36.64 0.35 2.18	34.63 0.46 0.71	37.06 0.57 0.03	35.14 0.56 0.00	39.09 0.47 0.00	39.22 0.39 0.00	40.92 0.29 0.00	146.42 1.27 0.00	48.15 0.39 0.00	47.02 0.46 0.00	49.88 0.32 0.00	46.09 0.32 0.00	50.10 0.30 0.27	42.11 0.17 0.00	42.13 0.34 0.07

GOUDEY___7 23579	26.59 0.23 0.00	26.26 0.18 0.00	23.84 0.22 0.00	17.02 0.17 0.00	15.17 0.15 0.00	24.75 0.17 0.00	27.72 0.02 0.00	28.15 0.17 0.00	29.67 0.30 0.00	36.64 0.35 2.18	34.63 0.46 0.71	37.06 0.57 0.03	35.14 0.56 0.00	39.09 0.47 0.00	39.22 0.39 0.00	40.92 0.29 0.00	146.42 1.27 0.00	48.15 0.39 0.00	47.02 0.46 0.00	49.88 0.32 0.00	46.09 0.32 0.00	50.10 0.30 0.27	42.11 0.17 0.00	42.13 0.34 0.07
GOUDEY___8 23580	26.59 0.23 0.00	26.26 0.18 0.00	23.84 0.22 0.00	17.02 0.17 0.00	15.17 0.15 0.00	24.75 0.17 0.00	27.72 0.02 0.00	28.15 0.17 0.00	29.67 0.30 0.00	36.64 0.35 2.18	34.63 0.46 0.71	37.06 0.57 0.03	35.14 0.56 0.00	39.09 0.47 0.00	39.22 0.39 0.00	40.92 0.29 0.00	146.42 1.27 0.00	48.15 0.39 0.00	47.02 0.46 0.00	49.88 0.32 0.00	46.09 0.32 0.00	50.10 0.30 0.27	42.11 0.17 0.00	42.13 0.34 0.07
GOWANUS_GT1_1 24077	30.18 1.40 -2.42	27.51 1.43 0.00	24.93 1.31 0.00	17.85 1.00 0.00	15.86 0.84 0.00	25.62 1.05 0.00	28.65 0.95 0.00	29.11 1.13 0.00	30.81 1.43 0.00	38.67 1.73 1.52	36.63 2.25 0.49	38.98 2.48 0.02	37.20 2.62 0.00	41.54 2.92 0.00	41.69 2.86 0.00	43.49 2.86 0.00	154.71 9.56 0.00	51.05 3.30 0.00	49.64 3.09 0.00	52.63 3.07 0.00	48.19 2.42 0.00	52.54 2.53 0.07	44.29 2.35 0.00	44.10 2.26 0.02
GOWANUS_GT1_2 24078	30.18 1.40 -2.42	27.51 1.43 0.00	24.93 1.31 0.00	17.85 1.00 0.00	15.86 0.84 0.00	25.62 1.05 0.00	28.65 0.95 0.00	29.11 1.13 0.00	30.81 1.43 0.00	38.67 1.73 1.52	36.63 2.25 0.49	38.98 2.48 0.02	37.20 2.62 0.00	41.54 2.92 0.00	41.69 2.86 0.00	43.49 2.86 0.00	154.71 9.56 0.00	51.05 3.30 0.00	49.64 3.09 0.00	52.63 3.07 0.00	48.19 2.42 0.00	52.54 2.53 0.07	44.29 2.35 0.00	44.10 2.26 0.02
GOWANUS_GT1_3 24079	30.18 1.40 -2.42	27.51 1.43 0.00	24.93 1.31 0.00	17.85 1.00 0.00	15.86 0.84 0.00	25.62 1.05 0.00	28.65 0.95 0.00	29.11 1.13 0.00	30.81 1.43 0.00	38.67 1.73 1.52	36.63 2.25 0.49	38.98 2.48 0.02	37.20 2.62 0.00	41.54 2.92 0.00	41.69 2.86 0.00	43.49 2.86 0.00	154.71 9.56 0.00	51.05 3.30 0.00	49.64 3.09 0.00	52.63 3.07 0.00	48.19 2.42 0.00	52.54 2.53 0.07	44.29 2.35 0.00	44.10 2.26 0.02
GOWANUS_GT1_4 24080	30.18 1.40 -2.42	27.51 1.43 0.00	24.93 1.31 0.00	17.85 1.00 0.00	15.86 0.84 0.00	25.62 1.05 0.00	28.65 0.95 0.00	29.11 1.13 0.00	30.81 1.43 0.00	38.67 1.73 1.52	36.63 2.25 0.49	38.98 2.48 0.02	37.20 2.62 0.00	41.54 2.92 0.00	41.69 2.86 0.00	43.49 2.86 0.00	154.71 9.56 0.00	51.05 3.30 0.00	49.64 3.09 0.00	52.63 3.07 0.00	48.19 2.42 0.00	52.54 2.53 0.07	44.29 2.35 0.00	44.10 2.26 0.02
GOWANUS_GT1_5 24084	30.18 1.40 -2.42	27.51 1.43 0.00	24.93 1.31 0.00	17.85 1.00 0.00	15.86 0.84 0.00	25.62 1.05 0.00	28.65 0.95 0.00	29.11 1.13 0.00	30.81 1.43 0.00	38.67 1.73 1.52	36.63 2.25 0.49	38.98 2.48 0.02	37.20 2.62 0.00	41.54 2.92 0.00	41.69 2.86 0.00	43.49 2.86 0.00	154.71 9.56 0.00	51.05 3.30 0.00	49.64 3.09 0.00	52.63 3.07 0.00	48.19 2.42 0.00	52.54 2.53 0.07	44.29 2.35 0.00	44.10 2.26 0.02
GOWANUS_GT1_6 24111	30.18 1.40 -2.42	27.51 1.43 0.00	24.93 1.31 0.00	17.85 1.00 0.00	15.86 0.84 0.00	25.62 1.05 0.00	28.65 0.95 0.00	29.11 1.13 0.00	30.81 1.43 0.00	38.67 1.73 1.52	36.63 2.25 0.49	38.98 2.48 0.02	37.20 2.62 0.00	41.54 2.92 0.00	41.69 2.86 0.00	43.49 2.86 0.00	154.71 9.56 0.00	51.05 3.30 0.00	49.64 3.09 0.00	52.63 3.07 0.00	48.19 2.42 0.00	52.54 2.53 0.07	44.29 2.35 0.00	44.10 2.26 0.02
GOWANUS_GT1_7 24112	30.18 1.40 -2.42	27.51 1.43 0.00	24.93 1.31 0.00	17.85 1.00 0.00	15.86 0.84 0.00	25.62 1.05 0.00	28.65 0.95 0.00	29.11 1.13 0.00	30.81 1.43 0.00	38.67 1.73 1.52	36.63 2.25 0.49	38.98 2.48 0.02	37.20 2.62 0.00	41.54 2.92 0.00	41.69 2.86 0.00	43.49 2.86 0.00	154.71 9.56 0.00	51.05 3.30 0.00	49.64 3.09 0.00	52.63 3.07 0.00	48.19 2.42 0.00	52.54 2.53 0.07	44.29 2.35 0.00	44.10 2.26 0.02
GOWANUS_GT1_8 24113	30.18 1.40 -2.42	27.51 1.43 0.00	24.93 1.31 0.00	17.85 1.00 0.00	15.86 0.84 0.00	25.62 1.05 0.00	28.65 0.95 0.00	29.11 1.13 0.00	30.81 1.43 0.00	38.67 1.73 1.52	36.63 2.25 0.49	38.98 2.48 0.02	37.20 2.62 0.00	41.54 2.92 0.00	41.69 2.86 0.00	43.49 2.86 0.00	154.71 9.56 0.00	51.05 3.30 0.00	49.64 3.09 0.00	52.63 3.07 0.00	48.19 2.42 0.00	52.54 2.53 0.07	44.29 2.35 0.00	44.10 2.26 0.02
GOWANUS_GT2_1 24114	30.18 1.40 -2.42	27.51 1.43 0.00	24.92 1.31 0.00	17.85 1.00 0.00	15.86 0.84 0.00	25.62 1.05 0.00	28.65 0.95 0.00	29.11 1.13 0.00	30.81 1.43 0.00	38.68 1.73 1.52	36.62 2.24 0.49	38.98 2.48 0.02	37.19 2.62 0.00	41.54 2.92 0.00	41.69 2.86 0.00	43.49 2.86 0.00	154.67 9.52 0.00	51.06 3.30 0.00	49.64 3.09 0.00	52.63 3.06 0.00	48.19 2.42 0.00	52.55 2.53 0.07	44.30 2.36 0.00	44.10 2.26 0.02
GOWANUS_GT2_2 24115	30.18 1.40 -2.42	27.51 1.43 0.00	24.92 1.31 0.00	17.85 1.00 0.00	15.86 0.84 0.00	25.62 1.05 0.00	28.65 0.95 0.00	29.11 1.13 0.00	30.81 1.43 0.00	38.68 1.73 1.52	36.62 2.24 0.49	38.98 2.48 0.02	37.19 2.62 0.00	41.54 2.92 0.00	41.69 2.86 0.00	43.49 2.86 0.00	154.67 9.52 0.00	51.06 3.30 0.00	49.64 3.09 0.00	52.63 3.06 0.00	48.19 2.42 0.00	52.55 2.53 0.07	44.30 2.36 0.00	44.10 2.26 0.02
GOWANUS_GT2_3 24116	30.18 1.40 -2.42	27.51 1.43 0.00	24.92 1.31 0.00	17.85 1.00 0.00	15.86 0.84 0.00	25.62 1.05 0.00	28.65 0.95 0.00	29.11 1.13 0.00	30.81 1.43 0.00	38.68 1.73 1.52	36.62 2.24 0.49	38.98 2.48 0.02	37.19 2.62 0.00	41.54 2.92 0.00	41.69 2.86 0.00	43.49 2.86 0.00	154.67 9.52 0.00	51.06 3.30 0.00	49.64 3.09 0.00	52.63 3.06 0.00	48.19 2.42 0.00	52.55 2.53 0.07	44.30 2.36 0.00	44.10 2.26 0.02
GOWANUS_GT2_4 24117	30.18 1.40 -2.42	27.51 1.43 0.00	24.92 1.31 0.00	17.85 1.00 0.00	15.86 0.84 0.00	25.62 1.05 0.00	28.65 0.95 0.00	29.11 1.13 0.00	30.81 1.43 0.00	38.68 1.73 1.52	36.62 2.24 0.49	38.98 2.48 0.02	37.19 2.62 0.00	41.54 2.92 0.00	41.69 2.86 0.00	43.49 2.86 0.00	154.67 9.52 0.00	51.06 3.30 0.00	49.64 3.09 0.00	52.63 3.06 0.00	48.19 2.42 0.00	52.55 2.53 0.07	44.30 2.36 0.00	44.10 2.26 0.02
GOWANUS_GT2_5 24118	30.18 1.40 -2.42	27.51 1.43 0.00	24.92 1.31 0.00	17.85 1.00 0.00	15.86 0.84 0.00	25.62 1.05 0.00	28.65 0.95 0.00	29.11 1.13 0.00	30.81 1.43 0.00	38.68 1.73 1.52	36.62 2.24 0.49	38.98 2.48 0.02	37.19 2.62 0.00	41.54 2.92 0.00	41.69 2.86 0.00	43.49 2.86 0.00	154.67 9.52 0.00	51.06 3.30 0.00	49.64 3.09 0.00	52.63 3.06 0.00	48.19 2.42 0.00	52.55 2.53 0.07	44.30 2.36 0.00	44.10 2.26 0.02

GOWANUS_GT2_6 24119	30.18 <u>1.40</u> -2.42	27.51 <u>1.43</u> 0.00	24.92 <u>1.31</u> 0.00	17.85 <u>1.00</u> 0.00	15.86 <u>0.84</u> 0.00	25.62 <u>1.05</u> 0.00	28.65 <u>0.95</u> 0.00	29.11 <u>1.13</u> 0.00	30.81 <u>1.43</u> 0.00	38.68 <u>1.73</u> 1.52	36.62 <u>2.24</u> 0.49	38.98 <u>2.48</u> 0.02	37.19 <u>2.62</u> 0.00	41.54 <u>2.92</u> 0.00	41.69 <u>2.86</u> 0.00	43.49 <u>2.86</u> 0.00	154.67 <u>9.52</u> 0.00	51.06 <u>3.30</u> 0.00	49.64 <u>3.09</u> 0.00	52.63 <u>3.06</u> 0.00	48.19 <u>2.42</u> 0.00	52.55 <u>2.53</u> 0.07	44.30 <u>2.36</u> 0.00	44.10 <u>2.26</u> 0.02
GOWANUS_GT2_7 24120	30.18 <u>1.40</u> -2.42	27.51 <u>1.43</u> 0.00	24.92 <u>1.31</u> 0.00	17.85 <u>1.00</u> 0.00	15.86 <u>0.84</u> 0.00	25.62 <u>1.05</u> 0.00	28.65 <u>0.95</u> 0.00	29.11 <u>1.13</u> 0.00	30.81 <u>1.43</u> 0.00	38.68 <u>1.73</u> 1.52	36.62 <u>2.24</u> 0.49	38.98 <u>2.48</u> 0.02	37.19 <u>2.62</u> 0.00	41.54 <u>2.92</u> 0.00	41.69 <u>2.86</u> 0.00	43.49 <u>2.86</u> 0.00	154.67 <u>9.52</u> 0.00	51.06 <u>3.30</u> 0.00	49.64 <u>3.09</u> 0.00	52.63 <u>3.06</u> 0.00	48.19 <u>2.42</u> 0.00	52.55 <u>2.53</u> 0.07	44.30 <u>2.36</u> 0.00	44.10 <u>2.26</u> 0.02
GOWANUS_GT2_8 24121	30.18 <u>1.40</u> -2.42	27.51 <u>1.43</u> 0.00	24.92 <u>1.31</u> 0.00	17.85 <u>1.00</u> 0.00	15.86 <u>0.84</u> 0.00	25.62 <u>1.05</u> 0.00	28.65 <u>0.95</u> 0.00	29.11 <u>1.13</u> 0.00	30.81 <u>1.43</u> 0.00	38.68 <u>1.73</u> 1.52	36.62 <u>2.24</u> 0.49	38.98 <u>2.48</u> 0.02	37.19 <u>2.62</u> 0.00	41.54 <u>2.92</u> 0.00	41.69 <u>2.86</u> 0.00	43.49 <u>2.86</u> 0.00	154.67 <u>9.52</u> 0.00	51.06 <u>3.30</u> 0.00	49.64 <u>3.09</u> 0.00	52.63 <u>3.06</u> 0.00	48.19 <u>2.42</u> 0.00	52.55 <u>2.53</u> 0.07	44.30 <u>2.36</u> 0.00	44.10 <u>2.26</u> 0.02
GOWANUS_GT3_1 24122	30.18 <u>1.40</u> -2.42	27.51 <u>1.43</u> 0.00	24.92 <u>1.31</u> 0.00	17.85 <u>1.00</u> 0.00	15.86 <u>0.84</u> 0.00	25.62 <u>1.05</u> 0.00	28.65 <u>0.95</u> 0.00	29.11 <u>1.13</u> 0.00	30.81 <u>1.43</u> 0.00	38.68 <u>1.73</u> 1.52	36.62 <u>2.24</u> 0.49	38.98 <u>2.48</u> 0.02	37.19 <u>2.62</u> 0.00	41.54 <u>2.92</u> 0.00	41.69 <u>2.86</u> 0.00	43.49 <u>2.86</u> 0.00	154.67 <u>9.52</u> 0.00	51.06 <u>3.30</u> 0.00	49.64 <u>3.09</u> 0.00	52.63 <u>3.06</u> 0.00	48.19 <u>2.42</u> 0.00	52.55 <u>2.53</u> 0.07	44.30 <u>2.36</u> 0.00	44.10 <u>2.26</u> 0.02
GOWANUS_GT3_2 24123	30.18 <u>1.40</u> -2.42	27.51 <u>1.43</u> 0.00	24.92 <u>1.31</u> 0.00	17.85 <u>1.00</u> 0.00	15.86 <u>0.84</u> 0.00	25.62 <u>1.05</u> 0.00	28.65 <u>0.95</u> 0.00	29.11 <u>1.13</u> 0.00	30.81 <u>1.43</u> 0.00	38.68 <u>1.73</u> 1.52	36.62 <u>2.24</u> 0.49	38.98 <u>2.48</u> 0.02	37.19 <u>2.62</u> 0.00	41.54 <u>2.92</u> 0.00	41.69 <u>2.86</u> 0.00	43.49 <u>2.86</u> 0.00	154.67 <u>9.52</u> 0.00	51.06 <u>3.30</u> 0.00	49.64 <u>3.09</u> 0.00	52.63 <u>3.06</u> 0.00	48.19 <u>2.42</u> 0.00	52.55 <u>2.53</u> 0.07	44.30 <u>2.36</u> 0.00	44.10 <u>2.26</u> 0.02
GOWANUS_GT3_3 24124	30.18 <u>1.40</u> -2.42	27.51 <u>1.43</u> 0.00	24.92 <u>1.31</u> 0.00	17.85 <u>1.00</u> 0.00	15.86 <u>0.84</u> 0.00	25.62 <u>1.05</u> 0.00	28.65 <u>0.95</u> 0.00	29.11 <u>1.13</u> 0.00	30.81 <u>1.43</u> 0.00	38.68 <u>1.73</u> 1.52	36.62 <u>2.24</u> 0.49	38.98 <u>2.48</u> 0.02	37.19 <u>2.62</u> 0.00	41.54 <u>2.92</u> 0.00	41.69 <u>2.86</u> 0.00	43.49 <u>2.86</u> 0.00	154.67 <u>9.52</u> 0.00	51.06 <u>3.30</u> 0.00	49.64 <u>3.09</u> 0.00	52.63 <u>3.06</u> 0.00	48.19 <u>2.42</u> 0.00	52.55 <u>2.53</u> 0.07	44.30 <u>2.36</u> 0.00	44.10 <u>2.26</u> 0.02
GOWANUS_GT3_4 24125	30.18 <u>1.40</u> -2.42	27.51																						

GOWANUS_GT4_5 24134	30.18 1.40 -2.42	27.51 1.43 0.00	24.93 1.31 0.00	17.85 1.00 0.00	15.86 0.84 0.00	25.62 1.05 0.00	28.65 0.95 0.00	29.11 1.13 0.00	30.81 1.43 0.00	38.67 1.73 1.52	36.63 2.25 0.49	38.98 2.48 0.02	37.20 2.62 0.00	41.54 2.92 0.00	41.69 2.86 0.00	43.49 2.86 0.00	154.71 9.56 0.00	51.05 3.30 0.00	49.64 3.09 0.00	52.63 3.07 0.00	48.19 2.42 0.00	52.54 2.53 0.07	44.29 2.35 0.00	44.10 2.26 0.02
GOWANUS_GT4_6 24135	30.18 1.40 -2.42	27.51 1.43 0.00	24.93 1.31 0.00	17.85 1.00 0.00	15.86 0.84 0.00	25.62 1.05 0.00	28.65 0.95 0.00	29.11 1.13 0.00	30.81 1.43 0.00	38.67 1.73 1.52	36.63 2.25 0.49	38.98 2.48 0.02	37.20 2.62 0.00	41.54 2.92 0.00	41.69 2.86 0.00	43.49 2.86 0.00	154.71 9.56 0.00	51.05 3.30 0.00	49.64 3.09 0.00	52.63 3.07 0.00	48.19 2.42 0.00	52.54 2.53 0.07	44.29 2.35 0.00	44.10 2.26 0.02
GOWANUS_GT4_7 24136	30.18 1.40 -2.42	27.51 1.43 0.00	24.93 1.31 0.00	17.85 1.00 0.00	15.86 0.84 0.00	25.62 1.05 0.00	28.65 0.95 0.00	29.11 1.13 0.00	30.81 1.43 0.00	38.67 1.73 1.52	36.63 2.25 0.49	38.98 2.48 0.02	37.20 2.62 0.00	41.54 2.92 0.00	41.69 2.86 0.00	43.49 2.86 0.00	154.71 9.56 0.00	51.05 3.30 0.00	49.64 3.09 0.00	52.63 3.07 0.00	48.19 2.42 0.00	52.54 2.53 0.07	44.29 2.35 0.00	44.10 2.26 0.02
GOWANUS_GT4_8 24137	30.18 1.40 -2.42	27.51 1.43 0.00	24.93 1.31 0.00	17.85 1.00 0.00	15.86 0.84 0.00	25.62 1.05 0.00	28.65 0.95 0.00	29.11 1.13 0.00	30.81 1.43 0.00	38.67 1.73 1.52	36.63 2.25 0.49	38.98 2.48 0.02	37.20 2.62 0.00	41.54 2.92 0.00	41.69 2.86 0.00	43.49 2.86 0.00	154.71 9.56 0.00	51.05 3.30 0.00	49.64 3.09 0.00	52.63 3.07 0.00	48.19 2.42 0.00	52.54 2.53 0.07	44.29 2.35 0.00	44.10 2.26 0.02
GREATVRV_69_KV_BK1 356245	30.30 1.52 -2.42	27.84 1.76 0.00	25.13 1.52 0.00	18.02 1.18 0.00	16.01 0.99 0.00	25.92 1.34 0.00	28.93 1.23 0.00	29.62 1.64 0.00	28.96 1.60 2.02	39.85 2.20 0.81	40.56 2.98 -2.70	40.16 2.97 -0.66	37.23 2.88 0.23	40.26 2.97 1.34	41.66 2.83 0.00	43.51 2.94 0.05	59.89 8.66 93.91	39.93 3.15 10.98	19.72 3.26 30.09	24.28 3.03 28.31	24.59 2.39 23.57	23.56 2.44 28.96	24.43 2.15 19.66	42.65 2.09 1.29
GREENBSH_115KV_TB3 55895	23.32 0.26 3.30	26.45 0.37 0.00	23.99 0.37 0.00	17.15 0.31 0.00	15.27 0.25 0.00	24.78 0.20 0.00	27.68 -0.02 0.00	27.94 -0.04 0.00	29.31 -0.07 0.00	36.59 -0.27 1.61	34.45 0.09 0.52	36.70 0.19 0.03	34.73 0.15 0.00	38.71 0.09 0.00	38.93 0.10 0.00	40.64 0.01 0.00	145.79 0.64 0.00	47.64 -0.12 0.00	46.79 0.23 0.00	49.68 0.11 0.00	45.72 -0.05 0.00	49.89 -0.13 0.06	41.86 -0.08 0.00	41.70 -0.14 0.02
GREENDGE_115KV_TB5 80291	26.66 0.30 0.00	26.24 0.16 0.00	23.82 0.21 0.00	16.99 0.13 0.00	15.14 0.12 0.00	24.82 0.24 0.00	27.90 0.20 0.00	28.36 0.39 0.00	29.84 0.46 0.00	37.40 0.49 1.56	34.78 0.41 0.51	36.95 0.44 0.03	34.98 0.40 0.00	38.56 -0.06 0.00	38.66 -0.17 0.00	40.19 -0.44 0.00	143.58 -1.56 0.00	47.73 -0.02 0.00	46.68 0.12 0.00	49.50 -0.06 0.00	45.96 0.19 0.00	50.29 0.22 0.00	41.96 0.02 0.00	42.07 0.21 0.00
GREENIDGE___3 23582	26.66 0.30 0.00	26.24 0.16 0.00	23.82 0.21 0.00	16.99 0.13 0.00	15.14 0.12 0.00	24.82 0.24 0.00	27.90 0.20 0.00	28.36 0.39 0.00	29.84 0.46 0.00	37.40 0.49 1.56	34.78 0.41 0.51	36.95 0.44 0.03	34.98 0.40 0.00	38.56 -0.06 0.00	38.66 -0.17 0.00	40.19 -0.44 0.00	143.58 -1.56 0.00	47.73 -0.02 0.00	46.68 0.12 0.00	49.50 -0.06 0.00	45.96 0.19 0.00	50.29 0.22 0.00	41.96 0.02 0.00	42.07 0.21 0.00
GREENIDGE___4 23583	26.66 0.30 0.00	26.24 0.16 0.00	23.82 0.21 0.00	16.99 0.13 0.00	15.15 0.12 0.00	24.82 0.24 0.00	27.90 0.20 0.00	28.36 0.38 0.00	29.83 0.46 0.00	37.40 0.49 1.56	34.78 0.42 0.51	36.95 0.45 0.03	34.98 0.40 0.00	38.56 -0.06 0.00	38.65 -0.18 0.00	40.19 -0.45 0.00	143.62 -1.53 0.00	47.74 -0.02 0.00	46.68 0.13 0.00	49.51 -0.06 0.00	45.95 0.18 0.00	50.29 0.21 0.00	41.95 0.01 0.00	42.07 0.22 0.00
GREENLWN_69_KV_BK 3 55738	29.87 1.10 -2.42	27.41 1.33 0.00	24.77 1.15 0.00	17.76 0.91 0.00	15.77 0.75 0.00	25.50 0.92 0.00	28.50 0.80 0.00	29.08 1.10 0.00	28.12 1.11 2.37	38.83 1.50 1.13	39.43 2.26 -2.30	39.25 2.26 -0.46	36.31 2.29 0.55	39.23 2.18 1.57	40.81 1.98 0.00	42.60 2.02 0.06	55.00 5.33 95.48	33.95 2.11 15.91	18.35 2.00 30.21	22.58 1.65 28.64	19.05 1.13 27.85	22.01 1.17 29.23	23.29 1.20 19.85	41.75 1.20 1.31
GREENWD_138_KV_38B11_REV_LBMP_J 345004	30.18 1.40 -2.42	27.51 1.43 0.00	24.93 1.31 0.00	17.85 1.00 0.00	15.86 0.84 0.00	25.62 1.05 0.00	28.65 0.95 0.00	29.11 1.13 0.00	30.81 1.43 0.00	38.67 1.73 1.52	36.63 2.25 0.49	38.98 2.48 0.02	37.20 2.62 0.00	41.54 2.92 0.00	41.69 2.86 0.00	43.49 2.86 0.00	154.71 9.56 0.00	51.05 3.30 0.00	49.64 3.09 0.00	52.63 3.07 0.00	48.19 2.42 0.00	52.54 2.53 0.07	44.29 2.35 0.00	44.10 2.26 0.02
GRISSOM___SOLAR 323813	64.04 1.45 -36.23	27.51 1.43 0.00	24.94 1.33 0.00	17.78 0.93 0.00	15.85 0.82 0.00	25.80 1.22 0.00	28.87 1.16 0.00	28.73 0.75 0.00	29.75 0.38 0.00	36.90 0.11 1.68	34.51 0.18 0.54	36.77 0.27 0.03	34.91 0.34 0.00	38.95 0.33 0.00	39.23 0.40 0.00	41.09 0.46 0.00	147.57 2.42 0.00	49.08 1.32 0.00	48.62 2.06 0.00	52.58 3.02 0.00	48.70 2.93 0.00	53.21 3.20 0.07	44.48 2.54 0.00	44.30 2.46 0.02
GROVEVILLE___HYD 323602	30.53 1.60 -2.57	27.70 1.62 0.00	25.09 1.48 0.00	17.96 1.11 0.00	15.97 0.95 0.00	25.85 1.28 0.00	28.92 1.22 0.00	29.30 1.32 0.00	30.88 1.51 0.00	38.78 1.83 1.52	36.65 2.27 0.49	39.07 2.56 0.02	37.23 2.66 0.00	41.66 3.04 0.00	41.95 3.12 0.00	43.88 3.25 0.00	156.73 11.58 0.00	51.69 3.94 0.00	50.36 3.81 0.00	53.29 3.72 0.00	48.86 3.09 0.00	53.24 3.23 0.07	44.63 2.69 0.00	44.40 2.56 0.02
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	25.74 0.06 0.69	26.10 0.03 0.00	23.65 0.03 0.00	16.89 0.04 0.00	15.06 0.03 0.00	24.56 -0.02 0.00	27.56 -0.14 0.00	27.80 -0.18 0.00	29.18 -0.20 0.00	37.54 -0.34 0.58	34.49 -0.19 0.19	36.42 -0.10 0.01	34.50 -0.07 0.00	38.47 -0.16 0.00	38.65 -0.18 0.00	40.48 -0.15 0.00	144.59 -0.55 0.00	47.79 0.03 0.00	46.62 0.07 0.00	49.50 -0.06 0.00	45.72 -0.05 0.00	50.25 -0.19 -0.36	41.71 -0.23 0.00	41.70 -0.25 -0.10
HAMLTNNY_34_KV_TB 80303	26.41 0.05 0.00	26.07 -0.01 0.00	23.62 0.00 0.00	16.86 0.01 0.00	15.03 0.01 0.00	24.53 -0.05 0.00	27.53 -0.17 0.00	27.79 -0.18 0.00	29.16 -0.22 0.00	37.74 -0.28 0.45	34.58 -0.15 0.14	36.44 -0.08 0.01	34.49 -0.08 0.00	38.34 -0.28 0.00	38.43 -0.40 0.00	40.32 -0.31 0.00	144.12 -1.03 0.00	47.60 -0.16 0.00	46.43 -0.12 0.00	49.33 -0.24 0.00	45.62 -0.15 0.00	50.26 -0.22 -0.41	41.67 -0.27 0.00	41.72 -0.25 -0.11

HAMPSHIRE___PAPER_HYD 323593	25.55 -0.01 0.80	26.10 0.02 0.00	23.54 -0.07 0.00	16.76 -0.09 0.00	14.97 -0.06 0.00	24.53 -0.05 0.00	27.87 0.16 0.00	27.96 -0.02 0.00	29.22 -0.15 0.00	36.77 -0.67 1.02	33.80 -0.75 0.33	35.60 -0.91 0.02	33.37 -1.20 0.00	37.36 -1.26 0.00	37.99 -0.84 0.00	40.06 -0.58 0.00	143.96 -1.19 0.00	47.50 -0.26 0.00	46.93 0.38 0.00	50.38 0.82 0.00	46.73 0.96 0.00	51.40 1.21 -0.11	42.77 0.83 0.00	42.54 0.65 -0.03
HARDSCRABBLE_WT_PWR 323673	25.41 0.32 1.28	26.54 0.46 0.00	24.13 0.51 0.00	17.26 0.41 0.00	15.34 0.32 0.00	24.93 0.35 0.00	27.81 0.11 0.00	27.86 -0.12 0.00	29.02 -0.36 0.00	35.66 -0.92 1.88	33.79 -0.48 0.61	36.19 -0.31 0.03	34.37 -0.20 0.00	38.37 -0.25 0.00	38.53 -0.30 0.00	40.37 -0.26 0.00	144.14 -1.01 0.00	47.54 -0.22 0.00	46.94 0.39 0.00	50.38 0.81 0.00	46.43 0.66 0.00	50.54 0.46 0.00	42.30 0.35 0.00	42.31 0.45 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	29.97 1.35 -2.26	27.43 1.35 0.00	24.84 1.23 0.00	17.78 0.93 0.00	15.81 0.79 0.00	25.58 1.01 0.00	28.64 0.94 0.00	29.00 1.02 0.00	30.60 1.22 0.00	38.49 1.52 1.50	36.38 1.99 0.49	38.76 2.25 0.02	36.98 2.41 0.00	41.34 2.72 0.00	41.60 2.77 0.00	43.46 2.83 0.00	155.14 9.99 0.00	51.15 3.39 0.00	49.78 3.23 0.00	52.64 3.07 0.00	48.24 2.48 0.00	52.61 2.60 0.07	44.14 2.20 0.00	43.90 2.06 0.02
HARSNRAD_115KV_TB1 81005	25.78 -0.58 0.00	25.33 -0.75 0.00	23.06 -0.56 0.00	16.40 -0.45 0.00	14.68 -0.34 0.00	24.20 -0.38 0.00	26.95 -0.75 0.00	27.33 -0.65 0.00	28.84 -0.53 0.00	36.75 -0.15 1.57	34.12 -0.25 0.51	36.23 -0.27 0.03	33.93 -0.64 0.00	37.23 -1.39 0.00	37.00 -1.83 0.00	38.68 -1.95 0.00	138.32 -6.82 0.00	45.49 -2.27 0.00	44.38 -2.17 0.00	47.12 -2.44 0.00	44.29 -1.48 0.00	48.88 -1.20 0.00	40.84 -1.10 0.00	41.40 -0.46 0.00
HARZA MOOSE___RIVER 24016	25.88 0.56 1.04	26.68 0.61 0.00	24.12 0.50 0.00	17.21 0.36 0.00	15.32 0.30 0.00	25.08 0.50 0.00	28.31 0.61 0.00	28.44 0.46 0.00	29.78 0.40 0.00	37.05 0.08 1.49	34.50 0.11 0.48	36.67 0.16 0.02	34.62 0.04 0.00	38.67 0.05 0.00	39.17 0.34 0.00	41.15 0.52 0.00	147.69 2.55 0.00	48.74 0.98 0.00	48.12 1.57 0.00	51.44 1.88 0.00	47.60 1.82 0.00	52.10 1.97 -0.05	43.36 1.42 0.00	43.13 1.26 -0.02
HDSNBRDG_115KV_BRDG_TB1 355580	25.70 0.03 0.69	26.08 0.00 0.00	23.63 0.01 0.00	16.87 0.02 0.00	15.03 0.01 0.00	24.52 -0.06 0.00	27.48 -0.22 0.00	27.74 -0.24 0.00	29.17 -0.21 0.00	36.42 -0.35 1.70	34.14 -0.18 0.55	36.43 -0.07 0.03	34.53 -0.05 0.00	38.49 -0.14 0.00	38.69 -0.13 0.00	40.49 -0.14 0.00	144.64 -0.50 0.00	47.76 0.00 0.00	46.60 0.05 0.00	49.44 0.00 0.00	45.65 -0.12 0.00	49.74 -0.27 0.07	41.63 -0.30 0.00	41.54 -0.30 0.02
HELLGATE_13_KV_LD 55870	30.34 1.56 -2.42	27.70 1.62 0.00	25.12 1.50 0.00	17.99 1.15 0.00	15.99 0.97 0.00	25.84 1.26 0.00	28.89 1.18 0.00	29.36 1.38 0.00	31.03 1.66 0.00	38.97 2.02 1.52	36.89 2.50 0.49	39.28 2.78 0.02	37.45 2.88 0.00	41.80 3.18 0.00	41.97 3.14 0.00	43.80 3.16 0.00	155.71 10.56 0.00	51.35 3.58 0.00	49.87 3.32 0.00	52.78 3.21 0.00	48.36 2.59 0.00	52.73 2.72 0.07	44.43 2.49 0.00	44.23 2.39 0.02
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	30.34 1.56 -2.42	27.70 1.62 0.00	25.12 1.50 0.00	17.99 1.15 0.00	15.99 0.97 0.00	25.84 1.26 0.00	28.89 1.18 0.00	29.36 1.38 0.00	31.03 1.66 0.00	38.97 2.02 1.52	36.89 2.50 0.49	39.28 2.78 0.02	37.45 2.88 0.00	41.80 3.18 0.00	41.97 3.14 0.00	43.80 3.16 0.00	155.71 10.56 0.00	51.35 3.58 0.00	49.87 3.32 0.00	52.78 3.21 0.00	48.36 2.59 0.00	52.73 2.72 0.07	44.43 2.49 0.00	44.23 2.39 0.02
HEMPSTEAD___ 23647	30.08 1.30 -2.42	27.51 1.43 0.00	24.88 1.26 0.00	17.84 0.99 0.00	15.85 0.83 0.00	25.63 1.06 0.00	28.68 0.97 -0.01	29.23 1.24 -0.01	38.38 1.31 -7.70	48.89 1.73 -8.69	52.73 2.33 -15.52	45.52 2.39 -6.60	46.16 2.49 -9.10	46.36 2.63 -5.10	41.32 2.49 0.00	43.19 2.57 0.01	106.16 7.79 46.77	61.56 2.84 -10.96	49.75 2.78 -0.41	38.28 2.51 13.79	34.71 1.84 12.90	37.86 1.89 14.11	34.12 1.74 9.56	42.89 1.67 0.64
HICKLING___1 23621	26.52 0.16 0.00	26.12 0.04 0.00	23.74 0.12 0.00	16.92 0.07 0.00	15.08 0.06 0.00	24.74 0.16 0.00	27.76 0.06 0.00	28.31 0.33 0.00	29.89 0.52 0.00	37.26 0.70 1.90	34.94 0.69 0.62	37.28 0.78 0.03	35.31 0.74 0.00	39.12 0.50 0.00	39.21 0.38 0.00	40.93 0.30 0.00	146.77 1.62 0.00	48.27 0.51 0.00	47.17 0.62 0.00	49.95 0.38 0.00	46.42 0.65 0.00	50.69 0.77 0.16	42.38 0.43 0.00	42.57 0.76 0.05
HICKLING___2 23622	26.52 0.16 0.00	26.12 0.04 0.00	23.74 0.12 0.00	16.92 0.07 0.00	15.08 0.06 0.00	24.74 0.16 0.00	27.76 0.06 0.00	28.31 0.33 0.00	29.89 0.52 0.00	37.26 0.70 1.90	34.94 0.69 0.62	37.28 0.78 0.03	35.31 0.74 0.00	39.12 0.50 0.00	39.21 0.38 0.00	40.93 0.30 0.00	146.77 1.62 0.00	48.27 0.51 0.00	47.17 0.62 0.00	49.95 0.38 0.00	46.42 0.65 0.00	50.69 0.77 0.16	42.38 0.43 0.00	42.57 0.76 0.05
HIGH FALLS___HY 23754	31.82 1.70 -3.76	27.73 1.65 0.00	25.11 1.49 0.00	17.97 1.12 0.00	15.97 0.95 0.00	25.87 1.30 0.00	29.00 1.30 0.00	29.43 1.45 0.00	31.01 1.64 0.00	38.97 2.01 1.51	36.76 2.38 0.49	39.14 2.63 0.02	37.36 2.79 0.00	41.96 3.34 0.00	42.26 3.43 0.00	44.30 3.67 0.00	158.64 13.49 0.00	52.47 4.71 0.00	51.14 4.59 0.00	54.03 4.47 0.00	49.58 3.81 0.00	53.97 3.96 0.07	45.17 3.23 0.00	44.81 2.97 0.02
HIGH_RIVER___SOLAR 323847	65.71 1.03 -38.32	27.12 1.04 0.00	24.60 0.99 0.00	17.56 0.71 0.00	15.64 0.62 0.00	25.45 0.87 0.00	28.48 0.78 0.00	28.53 0.56 0.00	29.70 0.32 0.00	36.82 0.02 1.66	34.49 0.15 0.54	36.75 0.25 0.03	34.88 0.31 0.00	38.93 0.31 0.00	39.18 0.35 0.00	40.99 0.35 0.00	147.05 1.90 0.00	48.75 1.00 0.00	47.92 1.37 0.00	51.44 1.87 0.00	47.53 1.76 0.00	51.93 1.91 0.06	43.49 1.55 0.00	43.37 1.53 0.02
HILLBURN___GT 23639	29.93 1.27 -2.30	27.36 1.28 0.00	24.78 1.16 0.00	17.74 0.89 0.00	15.77 0.75 0.00	25.52 0.94 0.00	28.55 0.85 0.00	28.90 0.92 0.00	30.52 1.14 0.00	38.34 1.37 1.50	36.27 1.88 0.49	38.61 2.11 0.02	36.82 2.25 0.00	41.16 2.53 0.00	41.39 2.57 0.00	43.20 2.57 0.00	153.95 8.81 0.00	50.76 3.00 0.00	49.39 2.83 0.00	52.20 2.63 0.00	47.85 2.08 0.00	52.22 2.21 0.07	43.88 1.94 0.00	43.65 1.81 0.02
HILLSIDE_115KV_TB1 80332	26.16 -0.20 0.00	25.77 -0.31 0.00	23.42 -0.20 0.00	16.72 -0.13 0.00	14.90 -0.12 0.00	24.36 -0.21 0.00	27.27 -0.43 0.00	27.81 -0.17 0.00	29.41 0.03 0.00	36.57 0.06 1.96	34.35 0.11 0.64	36.70 0.20 0.03	34.79 0.21 0.00	38.57 -0.06 0.00	38.65 -0.18 0.00	40.27 -0.37 0.00	144.05 -1.10 0.00	47.27 -0.49 0.00	46.16 -0.39 0.00	48.92 -0.65 0.00	45.36 -0.41 0.00	49.47 -0.43 0.18	41.42 -0.52 0.00	41.64 -0.17 0.05

HISHELDN_WT_PWR 323625	25.77 -0.58 0.00	25.33 -0.75 0.00	23.11 -0.50 0.00	16.47 -0.38 0.00	14.71 -0.31 0.00	24.23 -0.35 0.00	27.11 -0.59 0.00	27.57 -0.41 0.00	29.13 -0.25 0.00	36.79 -0.01 1.68	34.26 -0.07 0.54	36.41 -0.09 0.03	34.21 -0.37 0.00	37.69 -0.93 0.00	37.54 -1.29 0.00	39.38 -1.25 0.00	141.01 -4.14 0.00	46.26 -1.49 0.00	45.16 -1.39 0.00	48.03 -1.53 0.00	45.02 -0.76 0.00	49.53 -0.49 0.05	41.37 -0.57 0.00	41.83 -0.01 0.02
HOLTSVILLE_IC_1 23690	29.84 1.06 -2.42	27.45 1.37 0.00	24.79 1.17 0.00	17.79 0.94 0.00	15.80 0.78 0.00	25.57 0.99 0.00	28.49 0.79 0.00	29.18 1.21 0.00	27.59 1.08 2.87	38.36 1.52 1.63	38.83 2.33 -1.63	38.97 2.28 -0.15	35.78 2.24 1.03	38.95 2.23 1.90	40.91 2.08 0.00	42.71 2.14 0.06	53.38 5.41 97.18	37.57 2.09 12.27	16.64 2.29 32.20	22.29 2.06 29.33	24.61 1.51 22.67	21.49 1.44 30.02	22.86 1.31 20.39	41.80 1.28 1.34
HOLTSVILLE_IC_10 23699	29.93 1.16 -2.42	27.53 1.45 0.00	24.87 1.26 0.00	17.84 0.99 0.00	15.85 0.82 0.00	25.65 1.07 0.00	28.58 0.88 0.00	29.29 1.32 0.00	27.90 1.20 2.67	38.71 1.68 1.44	39.25 2.50 -1.88	39.27 2.47 -0.27	36.13 2.41 0.85	39.30 2.45 1.77	41.16 2.32 0.00	42.99 2.41 0.06	54.99 6.35 96.50	38.04 2.43 12.15	17.45 2.63 31.73	22.91 2.43 29.08	25.58 1.88 22.07	22.09 1.78 29.77	23.29 1.56 20.21	42.05 1.52 1.33
HOLTSVILLE_IC_2 23691	29.84 1.06 -2.42	27.45 1.37 0.00	24.79 1.17 0.00	17.79 0.94 0.00	15.80 0.78 0.00	25.57 0.99 0.00	28.49 0.79 0.00	29.18 1.21 0.00	27.59 1.08 2.87	38.36 1.52 1.63	38.83 2.33 -1.63	38.97 2.28 -0.15	35.78 2.24 1.03	38.95 2.23 1.90	40.91 2.08 0.00	42.71 2.14 0.06	53.38 5.41 97.18	37.57 2.09 12.27	16.64 2.29 32.20	22.29 2.06 29.33	24.61 1.51 22.67	21.49 1.44 30.02	22.86 1.31 20.39	41.80 1.28 1.34
HOLTSVILLE_IC_3 23692	29.84 1.06 -2.42	27.45 1.37 0.00	24.79 1.17 0.00	17.79 0.94 0.00	15.80 0.78 0.00	25.57 0.99 0.00	28.49 0.79 0.00	29.18 1.21 0.00	27.59 1.08 2.87	38.36 1.52 1.63	38.83 2.33 -1.63	38.97 2.28 -0.15	35.78 2.24 1.03	38.95 2.23 1.90	40.91 2.08 0.00	42.71 2.14 0.06	53.38 5.41 97.18	37.57 2.09 12.27	16.64 2.29 32.20	22.29 2.06 29.33	24.61 1.51 22.67	21.49 1.44 30.02	22.86 1.31 20.39	41.80 1.28 1.34
HOLTSVILLE_IC_4 23693	29.84 1.06 -2.42	27.45 1.37 0.00	24.79 1.17 0.00	17.79 0.94 0.00	15.80 0.78 0.00	25.57 0.99 0.00	28.49 0.79 0.00	29.18 1.21 0.00	27.59 1.08 2.87	38.36 1.52 1.63	38.83 2.33 -1.63	38.97 2.28 -0.15	35.78 2.24 1.03	38.95 2.23 1.90	40.91 2.08 0.00	42.71 2.14 0.06	53.38 5.41 97.18	37.57 2.09 12.27	16.64 2.29 32.20	22.29 2.06 29.33	24.61 1.51 22.67	21.49 1.44 30.02	22.86 1.31 20.39	41.80 1.28 1.34
HOLTSVILLE_IC_5 23694	29.84 1.06 -2.42	27.45 1.37 0.00	24.79 1.17 0.00	17.79 0.94 0.00	15.80 0.78 0.00	25.57 0.99 0.00	28.49 0.79 0.00	29.18 1.21 0.00	27.59 1.08 2.87	38.36 1.52 1.63	38.83 2.33 -1.63	38.97 2.28 -0.15	35.78 2.24 1.03	38.95 2.23 1.90	40.91 2.08 0.00	42.71 2.14 0.06	53.38 5.41 97.18	37.57 2.09 12.27	16.64 2.29 32.20	22.29 2.06 29.33	24.61 1.51 22.67	21.49 1.44 30.02	22.86 1.31 20.39	41.80 1.28 1.34
HOLTSVILLE_IC_6 23695	29.93 1.16 -2.42	27.53 1.45 0.00	24.87 1.26 0.00	17.84 0.99 0.00	15.85 0.82 0.00	25.65 1.07 0.00	28.58 0.88 0.00	29.29 1.32 0.00	27.90 1.20 2.67	38.71 1.68 1.44	39.25 2.50 -1.88	39.27 2.47 -0.27	36.13 2.41 0.85	39.30 2.45 1.77	41.16 2.32 0.00	42.99 2.41 0.06	54.99 6.35 96.50	38.04 2.43 12.15	17.45 2.63 31.73	22.91 2.43 29.08	25.58 1.88 22.07	22.09 1.78 29.77	23.29 1.56 20.21	42.05 1.52 1.33
HOLTSVILLE_IC_7 23696	29.93 1.16 -2.42	27.53 1.45 0.00	24.87 1.26 0.00	17.84 0.99 0.00	15.85 0.82 0.00	25.65 1.07 0.00	28.58 0.88 0.00	29.29 1.32 0.00	27.90 1.20 2.67	38.71 1.68 1.44	39.25 2.50 -1.88	39.27 2.47 -0.27	36.13 2.41 0.85	39.30 2.45 1.77	41.16 2.32 0.00	42.99 2.41 0.06	54.99 6.35 96.50	38.04 2.43 12.15	17.45 2.63 31.73	22.91 2.43 29.08	25.58 1.88 22.07	22.09 1.78 29.77	23.29 1.56 20.21	42.05 1.52 1.33
HOLTSVILLE_IC_8 23697	29.93 1.16 -2.42	27.53 1.45 0.00	24.87 1.26 0.00	17.84 0.99 0.00	15.85 0.82 0.00	25.65 1.07 0.00	28.58 0.88 0.00	29.29 1.32 0.00	27.90 1.20 2.67	38.71 1.68 1.44	39.25 2.50 -1.88	39.27 2.47 -0.27	36.13 2.41 0.85	39.30 2.45 1.77	41.16 2.32 0.00	42.99 2.41 0.06	54.99 6.35 96.50	38.04 2.43 12.15	17.45 2.63 31.73	22.91 2.43 29.08	25.58 1.88 22.07	22.09 1.78 29.77	23.29 1.56 20.21	42.05 1.52 1.33
HOLTSVILLE_IC_9 23698	29.93 1.16 -2.42	27.53 1.45 0.00	24.87 1.26 0.00	17.84 0.99 0.00	15.85 0.82 0.00	25.65 1.07 0.00	28.58 0.88 0.00	29.29 1.32 0.00	27.90 1.20 2.67	38.71 1.68 1.44	39.25 2.50 -1.88	39.27 2.47 -0.27	36.13 2.41 0.85	39.30 2.45 1.77	41.16 2.32 0.00	42.99 2.41 0.06	54.99 6.35 96.50	38.04 2.43 12.15	17.45 2.63 31.73	22.91 2.43 29.08	25.58 1.88 22.07	22.09 1.78 29.77	23.29 1.56 20.21	42.05 1.52 1.33
HOMER_HL_115KV_TB2 355744	26.62 0.26 0.00	26.27 0.19 0.00	23.94 0.32 0.00	17.11 0.26 0.00	15.25 0.22 0.00	25.03 0.45 0.00	27.96 0.25 0.00	28.58 0.61 0.00	30.32 0.94 0.00	38.47 1.71 1.70	35.79 1.46 0.55	37.88 1.37 0.03	35.50 0.93 0.00	38.99 0.36 0.00	38.71 -0.12 0.00	40.09 -0.55 0.00	143.01 -2.14 0.00	46.90 -0.86 0.00	45.57 -0.98 0.00	48.32 -1.24 0.00	45.12 -0.65 0.00	49.77 -0.25 0.06	41.77 -0.17 0.00	42.42 0.58 0.02
HOWARD_WT_PWR 323690	25.94 -0.43 0.00	25.43 -0.65 0.00	23.13 -0.49 0.00	16.45 -0.40 0.00	14.64 -0.39 0.00	24.12 -0.45 0.00	27.27 -0.43 0.00	27.86 -0.12 0.00	29.60 0.22 0.00	37.13 0.41 1.75	34.65 0.34 0.57	36.75 0.25 0.03	34.68 0.11 0.00	38.31 -0.31 0.00	38.43 -0.40 0.00	40.34 -0.29 0.00	144.84 -0.31 0.00	46.99 -0.77 0.00	46.21 -0.35 0.00	49.40 -0.17 0.00	46.33 0.56 0.00	50.77 0.78 0.09	42.37 0.43 0.00	42.69 0.86 0.03
HQ_GEN_CEDARS 23644	26.34 -0.02 0.00	26.02 -0.07 0.00	23.53 -0.09 0.00	16.73 -0.12 0.00	14.96 -0.07 0.00	24.63 0.06 0.00	28.05 0.35 0.00	28.39 0.41 0.00	29.71 0.34 0.00	38.34 0.53 0.66	34.81 0.15 0.22	36.44 -0.08 0.01	34.23 -0.35 0.00	38.33 -0.30 0.00	38.63 -0.20 0.00	40.58 -0.05 0.00	145.65 0.50 0.00	47.88 0.12 0.00	46.68 0.12 0.00	49.95 0.38 0.00	46.32 0.55 0.00	50.96 0.88 0.00	42.64 0.70 0.00	42.49 0.63 0.00
HQ_GEN_CEDARS_PROXY 323590	26.34 -0.02 0.00	26.02 -0.07 0.00	23.53 -0.09 0.00	16.73 -0.12 0.00	14.96 -0.07 0.00	24.63 0.06 0.00	28.05 0.35 0.00	28.39 0.41 0.00	29.71 0.34 0.00	38.34 0.53 0.66	34.81 0.15 0.22	36.44 -0.08 0.01	34.23 -0.35 0.00	38.33 -0.30 0.00	38.63 -0.20 0.00	40.58 -0.05 0.00	145.65 0.50 0.00	47.88 0.12 0.00	46.68 0.12 0.00	49.95 0.38 0.00	46.32 0.55 0.00	50.96 0.88 0.00	45.89 0.70 -3.25	42.49 0.63 0.00

HQ_GEN_IMPORT 323601	26.27 -0.09 0.00	25.96 -0.12 0.00	23.48 -0.14 0.00	16.73 -0.13 0.00	14.93 -0.09 0.00	24.56 -0.02 0.00	27.85 0.15 0.00	28.15 0.17 0.00	29.53 0.15 0.00	38.52 0.30 0.25	35.02 0.06 -0.08	36.51 -0.02 0.00	34.48 -0.10 0.00	38.54 -0.08 0.00	38.77 -0.06 0.00	40.63 0.00 0.00	145.28 0.13 0.00	47.76 0.00 0.00	46.49 -0.07 0.00	49.68 0.11 0.00	45.96 0.19 0.00	50.36 0.28 0.00	42.14 0.20 0.00	42.04 0.18 0.00
HQ_GEN_WHEEL 23651	26.27 -0.09 0.00	25.96 -0.12 0.00	23.48 -0.14 0.00	16.73 -0.13 0.00	14.93 -0.09 0.00	24.56 -0.02 0.00	27.85 0.15 0.00	28.15 0.17 0.00	29.53 0.15 0.00	38.52 0.30 0.25	35.02 0.06 -0.08	36.51 -0.02 0.00	34.48 -0.10 0.00	38.54 -0.08 0.00	38.77 -0.06 0.00	40.63 0.00 0.00	145.28 0.13 0.00	47.76 0.00 0.00	46.49 -0.07 0.00	49.68 0.11 0.00	45.96 0.19 0.00	50.36 0.28 0.00	42.14 0.20 0.00	42.04 0.18 0.00
HUDSON AVE_GT_3 23810	30.27 1.50 -2.42	27.61 1.53 0.00	25.03 1.41 0.00	17.93 1.08 0.00	15.94 0.92 0.00	25.76 1.18 0.00	28.78 1.08 0.00	29.24 1.26 0.00	30.90 1.52 0.00	38.82 1.87 1.52	36.74 2.36 0.49	39.14 2.63 0.02	37.32 2.75 0.00	41.68 3.06 0.00	41.84 3.01 0.00	43.69 3.05 0.00	155.45 10.30 0.00	51.24 3.49 0.00	49.85 3.29 0.00	52.69 3.12 0.00	48.22 2.45 0.00	52.55 2.54 0.07	44.22 2.28 0.00	44.01 2.17 0.02
HUDSON AVE_GT_4 23540	30.27 1.50 -2.42	27.61 1.53 0.00	25.03 1.41 0.00	17.93 1.08 0.00	15.94 0.92 0.00	25.76 1.18 0.00	28.78 1.08 0.00	29.24 1.26 0.00	30.90 1.52 0.00	38.82 1.87 1.52	36.74 2.36 0.49	39.14 2.63 0.02	37.32 2.75 0.00	41.68 3.06 0.00	41.84 3.01 0.00	43.69 3.05 0.00	155.45 10.30 0.00	51.24 3.49 0.00	49.85 3.29 0.00	52.69 3.12 0.00	48.22 2.45 0.00	52.55 2.54 0.07	44.22 2.28 0.00	44.01 2.17 0.02
HUDSON AVE_GT_5 23657	30.27 1.50 -2.42	27.61 1.53 0.00	25.03 1.41 0.00	17.93 1.08 0.00	15.94 0.92 0.00	25.76 1.18 0.00	28.78 1.08 0.00	29.24 1.26 0.00	30.90 1.52 0.00	38.82 1.87 1.52	36.74 2.36 0.49	39.14 2.63 0.02	37.32 2.75 0.00	41.68 3.06 0.00	41.84 3.01 0.00	43.69 3.05 0.00	155.45 10.30 0.00	51.24 3.49 0.00	49.85 3.29 0.00	52.69 3.12 0.00	48.22 2.45 0.00	52.55 2.54 0.07	44.22 2.28 0.00	44.01 2.17 0.02
HUDSON_AVE_10 24168	30.13 1.36 -2.42	27.46 1.38 0.00	24.90 1.28 0.00	17.85 1.00 0.00	15.87 0.85 0.00	25.63 1.05 0.00	28.64 0.94 0.00	29.09 1.11 0.00	30.74 1.36 0.00	38.58 1.63 1.52	36.51 2.13 0.50	38.91 2.40 0.03	37.10 2.52 0.00	41.42 2.80 0.01	41.58 2.76 0.01	43.42 2.79 0.00	154.50 9.35 0.00	50.92 3.17 0.01	49.53 2.98 0.01	52.35 2.80 0.01	47.91 2.15 0.00	52.23 2.22 0.07	43.95 2.02 0.01	43.74 1.91 0.03
HUDSON___115KV_TB 4 355613	26.23 0.87 1.00	27.05 0.97 0.00	24.52 0.90 0.00	17.52 0.67 0.00	15.60 0.58 0.00	25.33 0.75 0.00	28.34 0.64 0.00	28.57 0.58 0.00	29.85 0.48 0.00	37.17 0.29 1.59	34.92 0.56 0.52	37.20 0.70 0.03	35.21 0.64 0.00	39.25 0.63 0.00	39.58 0.75 0.00	41.38 0.74 0.00	148.14 2.99 0.00	48.74 0.99 0.00	48.02 1.46 0.00	51.23 1.67 0.00	47.27 1.50 0.00	51.55 1.53 0.06	43.13 1.19 0.00	42.88 1.04 0.02
HUNTER MOUNT___DRP 323613	27.63 1.02 -0.24	27.23 1.15 0.00	24.66 1.05 0.00	17.63 0.78 0.00	15.70 0.68 0.00	25.51 0.93 0.00	28.56 0.85 0.00	28.78 0.79 0.00	30.05 0.68 0.00	37.41 0.52 1.58	35.09 0.73 0.51	37.38 0.88 0.03	35.37 0.80 0.00	39.41 0.79 0.00	39.80 0.97 0.00	41.64 1.01 0.00	148.80 3.65 0.00	48.98 1.22 0.00	48.30 1.74 0.00	51.58 2.02 0.00	47.61 1.84 0.00	51.95 1.93 0.06	43.41 1.47 0.00	43.15 1.31 0.02
HUNTINGTON_RES_REC 323705	29.90 1.12 -2.42	27.45 1.37 0.00	24.80 1.18 0.00	17.78 0.93 0.00	15.79 0.76 0.00	25.54 0.96 0.00	28.51 0.82 0.00	29.15 1.17 0.00	27.84 1.13 2.67	38.62 1.58 1.43	39.15 2.38 -1.90	39.22 2.41 -0.28	36.12 2.38 0.84	39.20 2.35 1.77	41.04 2.21 0.00	42.87 2.29 0.06	53.91 6.01 97.25	36.32 2.33 13.77	17.04 2.36 31.87	22.72 2.05 28.89	32.29 1.55 15.03	21.93 1.53 29.68	23.21 1.42 20.15	41.90 1.37 1.32
HUNTLEY___63 23557	25.93 -0.44 0.00	25.44 -0.64 0.00	23.15 -0.47 0.00	16.47 -0.38 0.00	14.71 -0.31 0.00	24.26 -0.32 0.00	27.02 -0.68 0.00	27.46 -0.52 0.00	29.03 -0.35 0.00	36.97 0.09 1.59	34.36 0.01 0.52	36.53 0.02 0.03	34.24 -0.34 0.00	37.60 -1.02 0.00	37.35 -1.48 0.00	39.06 -1.57 0.00	139.36 -5.79 0.00	45.85 -1.91 0.00	44.68 -1.87 0.00	47.43 -2.14 0.00	44.57 -1.20 0.00	49.17 -0.91 0.00	41.05 -0.89 0.00	41.55 -0.31 0.00
HUNTLEY___64 23558	25.93 -0.44 0.00	25.44 -0.64 0.00	23.15 -0.47 0.00	16.47 -0.38 0.00	14.71 -0.31 0.00	24.26 -0.32 0.00	27.02 -0.68 0.00	27.46 -0.52 0.00	29.03 -0.35 0.00	36.97 0.09 1.59	34.36 0.01 0.52	36.53 0.02 0.03	34.24 -0.34 0.00	37.60 -1.02 0.00	37.35 -1.48 0.00	39.06 -1.57 0.00	139.36 -5.79 0.00	45.85 -1.91 0.00	44.68 -1.87 0.00	47.43 -2.14 0.00	44.57 -1.20 0.00	49.17 -0.91 0.00	41.05 -0.89 0.00	41.55 -0.31 0.00
HUNTLEY___65 23559	25.93 -0.44 0.00	25.44 -0.64 0.00	23.15 -0.47 0.00	16.47 -0.38 0.00	14.71 -0.31 0.00	24.26 -0.32 0.00	27.02 -0.68 0.00	27.46 -0.52 0.00	29.03 -0.35 0.00	36.97 0.09 1.59	34.36 0.01 0.52	36.53 0.02 0.03	34.24 -0.34 0.00	37.60 -1.02 0.00	37.35 -1.48 0.00	39.06 -1.57 0.00	139.36 -5.79 0.00	45.85 -1.91 0.00	44.68 -1.87 0.00	47.43 -2.14 0.00	44.57 -1.20 0.00	49.17 -0.91 0.00	41.05 -0.89 0.00	41.55 -0.31 0.00
HUNTLEY___66 23560	25.93 -0.44 0.00	25.44 -0.64 0.00	23.15 -0.47 0.00	16.47 -0.38 0.00	14.71 -0.31 0.00	24.26 -0.32 0.00	27.02 -0.68 0.00	27.46 -0.52 0.00	29.03 -0.35 0.00	36.97 0.09 1.59	34.36 0.01 0.52	36.53 0.02 0.03	34.24 -0.34 0.00	37.60 -1.02 0.00	37.35 -1.48 0.00	39.06 -1.57 0.00	139.36 -5.79 0.00	45.85 -1.91 0.00	44.68 -1.87 0.00	47.43 -2.14 0.00	44.57 -1.20 0.00	49.17 -0.91 0.00	41.05 -0.89 0.00	41.55 -0.31 0.00
HUNTLEY___67 23561	25.80 -0.56 0.00	25.34 -0.74 0.00	23.08 -0.54 0.00	16.43 -0.42 0.00	14.67 -0.35 0.00	24.17 -0.41 0.00	26.92 -0.78 0.00	27.37 -0.61 0.00	28.92 -0.46 0.00	36.80 -0.06 1.60	34.22 -0.13 0.52	36.38 -0.13 0.03	34.11 -0.46 0.00	37.46 -1.16 0.00	37.20 -1.63 0.00	38.90 -1.73 0.00	139.05 -6.10 0.00	45.70 -2.06 0.00	44.58 -1.98 0.00	47.32 -2.24 0.00	44.40 -1.37 0.00	48.96 -1.12 0.00	40.89 -1.05 0.00	41.37 -0.49 0.00
HUNTLEY___68 23562	25.80 -0.56 0.00	25.34 -0.74 0.00	23.08 -0.54 0.00	16.43 -0.42 0.00	14.67 -0.35 0.00	24.17 -0.41 0.00	26.92 -0.78 0.00	27.37 -0.61 0.00	28.92 -0.46 0.00	36.80 -0.06 1.60	34.22 -0.13 0.52	36.38 -0.13 0.03	34.11 -0.46 0.00	37.46 -1.16 0.00	37.20 -1.63 0.00	38.90 -1.73 0.00	139.05 -6.10 0.00	45.70 -2.06 0.00	44.58 -1.98 0.00	47.32 -2.24 0.00	44.40 -1.37 0.00	48.96 -1.12 0.00	40.89 -1.05 0.00	41.37 -0.49 0.00

HYLAND___LFGE 323620	27.06 0.70 0.00	26.72 0.64 0.00	24.24 0.62 0.00	17.23 0.38 0.00	15.39 0.37 0.00	25.35 0.78 0.00	28.49 0.79 0.00	28.72 0.74 0.00	29.90 0.53 0.00	37.40 0.54 1.61	34.76 0.41 0.52	36.74 0.24 0.03	34.04 -0.53 0.00	37.49 -1.13 0.00	37.63 -1.20 0.00	39.60 -1.03 0.00	144.18 -0.96 0.00	47.42 -0.34 0.00	46.53 -0.03 0.00	49.69 0.13 0.00	46.61 0.84 0.00	51.18 1.11 0.00	42.63 0.69 0.00	43.49 1.64 0.00
INDECK___CORINTH 23802	95.49 1.71 -67.42	27.93 1.85 0.00	25.32 1.70 0.00	18.04 1.19 0.00	16.07 1.04 0.00	26.16 1.58 0.00	29.26 1.56 0.00	29.34 1.36 0.00	30.45 1.07 0.00	37.39 0.57 1.65	35.21 0.88 0.53	37.73 1.22 0.03	35.71 1.13 0.00	39.91 1.29 0.00	40.25 1.42 0.00	42.24 1.61 0.00	149.51 4.36 0.00	49.38 1.63 0.00	48.37 1.82 0.00	51.69 2.12 0.00	47.48 1.70 0.00	51.93 1.91 0.06	43.42 1.48 0.00	43.44 1.60 0.02
INDECK___ILION 23567	25.38 0.29 1.28	26.45 0.37 0.00	24.01 0.39 0.00	17.16 0.31 0.00	15.27 0.24 0.00	24.81 0.23 0.00	27.75 0.05 0.00	27.90 -0.08 0.00	29.18 -0.20 0.00	36.04 -0.54 1.88	34.06 -0.20 0.61	36.42 -0.09 0.03	34.56 -0.01 0.00	38.57 -0.06 0.00	38.76 -0.06 0.00	40.60 -0.03 0.00	145.00 -0.15 0.00	47.75 -0.01 0.00	46.89 0.34 0.00	50.11 0.54 0.00	46.20 0.43 0.00	50.41 0.34 0.00	42.21 0.27 0.00	42.15 0.29 0.00
INDECK___OLEAN 23982	26.62 0.26 0.00	26.27 0.19 0.00	23.94 0.32 0.00	17.11 0.26 0.00	15.25 0.22 0.00	25.02 0.45 0.00	27.96 0.25 0.00	28.58 0.61 0.00	30.32 0.94 0.00	38.47 1.71 1.70	35.80 1.48 0.55	37.88 1.38 0.03	35.52 0.94 0.00	38.99 0.37 0.00	38.72 -0.11 0.00	40.08 -0.55 0.00	143.01 -2.14 0.00	46.90 -0.86 0.00	45.57 -0.99 0.00	48.32 -1.24 0.00	45.12 -0.66 0.00	49.76 -0.25 0.06	41.77 -0.17 0.00	42.42 0.58 0.02
INDECK___OSWEGO 23783	25.15 -0.46 0.75	25.61 -0.47 0.00	23.21 -0.41 0.00	16.57 -0.29 0.00	14.76 -0.26 0.00	24.09 -0.49 0.00	27.02 -0.68 0.00	27.20 -0.78 0.00	28.55 -0.83 0.00	37.74 -1.19 -0.47	34.02 -1.01 -0.15	35.55 -0.99 -0.01	33.60 -0.98 0.00	37.32 -1.30 0.00	37.44 -1.39 0.00	39.19 -1.44 0.00	139.65 -5.50 0.00	46.15 -1.61 0.00	45.10 -1.45 0.00	47.97 -1.59 0.00	44.38 -1.40 0.00	49.48 -1.36 -0.76	40.86 -1.08 0.00	40.98 -1.09 -0.21
INDECK___YERKES 23781	25.95 -0.41 0.00	25.47 -0.61 0.00	23.17 -0.44 0.00	16.49 -0.36 0.00	14.73 -0.29 0.00	24.29 -0.29 0.00	27.05 -0.65 0.00	27.49 -0.49 0.00	29.06 -0.31 0.00	37.01 0.14 1.59	34.42 0.06 0.52	36.57 0.06 0.03	34.28 -0.29 0.00	37.65 -0.97 0.00	37.40 -1.43 0.00	39.10 -1.53 0.00	139.48 -5.66 0.00	45.89 -1.87 0.00	44.72 -1.83 0.00	47.47 -2.09 0.00	44.60 -1.17 0.00	49.20 -0.88 0.00	41.08 -0.86 0.00	41.59 -0.27 0.00
INDIAN POINT_GT_1 24139	30.03 1.28 -2.39	27.40 1.32 0.00	24.83 1.21 0.00	17.78 0.93 0.00	15.81 0.79 0.00	25.56 0.98 0.00	28.58 0.88 0.00	28.95 0.98 0.00	30.55 1.17 0.00	38.36 1.41 1.52	36.28 1.89 0.49	38.61 2.11 0.02	36.80 2.23 0.00	41.12 2.50 0.00	41.34 2.51 0.00	43.16 2.53 0.00	153.79 8.64 0.00	50.70 2.94 0.00	49.34 2.79 0.00	52.20 2.63 0.00	47.83 2.06 0.00	52.18 2.17 0.07	43.87 1.92 0.00	43.67 1.83 0.02
INDIAN POINT_GT_2 23659	30.03 1.28 -2.39	27.40 1.32 0.00	24.83 1.21 0.00	17.78 0.93 0.00	15.81 0.79 0.00	25.56 0.98 0.00	28.58 0.88 0.00	28.95 0.98 0.00	30.55 1.17 0.00	38.36 1.41 1.52	36.28 1.89 0.49	38.61 2.11 0.02	36.80 2.23 0.00	41.12 2.50 0.00	41.34 2.51 0.00	43.16 2.53 0.00	153.79 8.64 0.00	50.70 2.94 0.00	49.34 2.79 0.00	52.20 2.63 0.00	47.83 2.06 0.00	52.18 2.17 0.07	43.87 1.92 0.00	43.67 1.83 0.02
INDIAN POINT_GT_3 24019	30.03 1.28 -2.39	27.40 1.32 0.00	24.83 1.21 0.00	17.78 0.93 0.00	15.81 0.79 0.00	25.56 0.98 0.00	28.58 0.88 0.00	28.95 0.98 0.00	30.55 1.17 0.00	38.36 1.41 1.52	36.28 1.89 0.49	38.61 2.11 0.02	36.80 2.23 0.00	41.12 2.50 0.00	41.34 2.51 0.00	43.16 2.53 0.00	153.79 8.64 0.00	50.70 2.94 0.00	49.34 2.79 0.00	52.20 2.63 0.00	47.83 2.06 0.00	52.18 2.17 0.07	43.87 1.92 0.00	43.67 1.83 0.02
INDIAN POINT___2 23530	29.96 1.24 -2.36	27.35 1.27 0.00	24.78 1.16 0.00	17.75 0.90 0.00	15.78 0.76 0.00	25.51 0.94 0.00	28.53 0.83 0.00	28.90 0.92 0.00	30.49 1.11 0.00	38.29 1.33 1.51	36.21 1.82 0.49	38.54 2.04 0.02	36.73 2.16 0.00	41.04 2.42 0.00	41.26 2.43 0.00	43.08 2.44 0.00	153.44 8.29 0.00	50.59 2.83 0.00	49.24 2.69 0.00	52.08 2.52 0.00	47.73 1.96 0.00	52.08 2.06 0.07	43.78 1.84 0.00	43.59 1.75 0.02
INDIAN POINT___3 23531	29.99 1.24 -2.39	27.35 1.27 0.00	24.79 1.17 0.00	17.75 0.90 0.00	15.78 0.76 0.00	25.53 0.96 0.00	28.54 0.84 0.00	28.90 0.92 0.00	30.49 1.11 0.00	38.28 1.33 1.52	36.20 1.82 0.49	38.54 2.03 0.02	36.72 2.14 0.00	41.03 2.41 0.00	41.25 2.41 0.00	43.06 2.43 0.00	153.42 8.28 0.00	50.57 2.81 0.00	49.23 2.68 0.00	52.06 2.50 0.00	47.72 1.95 0.00	52.05 2.05 0.07	43.76 1.82 0.00	43.58 1.74 0.02
INGHAM_C_115KV_TB7 356103	25.48 0.40 1.28	26.60 0.52 0.00	24.18 0.56 0.00	17.29 0.44 0.00	15.37 0.35 0.00	24.95 0.37 0.00	27.78 0.08 0.00	27.77 -0.21 0.00	28.84 -0.53 0.00	35.34 -1.24 1.88	33.54 -0.72 0.61	35.94 -0.56 0.03	34.16 -0.42 0.00	38.14 -0.48 0.00	38.32 -0.51 0.00	40.24 -0.39 0.00	143.67 -1.48 0.00	47.36 -0.40 0.00	46.91 0.36 0.00	50.46 0.90 0.00	46.46 0.69 0.00	50.57 0.49 0.00	42.33 0.39 0.00	42.30 0.45 0.00
IP CORINTH___1 23988	95.52 1.74 -67.42	27.93 1.85 0.00	25.31 1.70 0.00	18.04 1.19 0.00	16.07 1.04 0.00	26.16 1.58 0.00	29.26 1.56 0.00	29.34 1.36 0.00	30.51 1.13 0.00	37.58 0.75 1.65	35.40 1.06 0.53	37.92 1.42 0.03	35.91 1.33 0.00	40.13 1.51 0.00	40.48 1.65 0.00	42.49 1.85 0.00	150.30 5.16 0.00	49.66 1.90 0.00	48.65 2.09 0.00	51.99 2.42 0.00	47.74 1.97 0.00	52.21 2.19 0.06	43.65 1.71 0.00	43.69 1.85 0.02
IP___TICONDEROGA 23804	99.60 2.63 -70.60	28.89 2.81 0.00	26.20 2.58 0.00	18.60 1.75 0.00	16.56 1.53 0.00	27.10 2.52 0.00	30.19 2.49 0.00	29.42 1.44 0.00	30.67 1.29 0.00	37.80 0.98 1.65	35.96 1.62 0.53	39.34 2.83 0.03	37.29 2.71 0.00	41.56 2.94 0.00	41.92 3.10 0.00	44.17 3.54 0.00	155.08 9.94 0.00	51.85 4.10 0.00	50.95 4.39 0.00	55.85 6.28 0.00	50.86 5.09 0.00	54.35 4.32 0.06	45.57 3.63 0.00	45.56 3.71 0.02
ISLIP_RES_REC 323679	30.03 1.26 -2.42	27.63 1.55 0.00	24.95 1.33 0.00	17.90 1.05 0.00	15.90 0.87 0.00	25.73 1.16 0.00	28.69 0.99 0.00	29.42 1.45 0.00	28.17 1.33 2.53	39.03 1.87 1.31	39.61 2.69 -2.05	39.56 2.68 -0.35	36.45 2.60 0.72	39.63 2.69 1.68	41.40 2.57 0.00	43.25 2.68 0.06	56.52 7.34 95.96	38.62 2.76 11.90	18.12 2.96 31.39	23.40 2.75 28.92	25.58 2.18 22.38	22.57 2.09 29.60	23.65 1.81 20.10	42.28 1.74 1.32

JAMAICA__27_KV_LOAD 355505	30.21 1.44 -2.42	27.51 1.43 0.00	24.96 1.35 0.00	17.91 1.06 0.00	15.92 0.89 0.00	25.70 1.12 0.00	28.72 1.02 0.00	29.17 1.19 0.00	30.81 1.44 0.00	38.60 1.65 1.52	36.51 2.14 0.50	38.89 2.39 0.03	37.10 2.53 0.00	41.38 2.77 0.01	41.54 2.72 0.01	43.39 2.76 0.00	154.47 9.32 0.00	50.90 3.15 0.01	49.54 3.00 0.01	52.39 2.83 0.01	47.96 2.20 0.00	52.32 2.31 0.07	43.99 2.06 0.01	43.78 1.95 0.03
JANIS__SOLAR 323808	27.17 0.81 0.00	26.82 0.74 0.00	24.31 0.69 0.00	17.34 0.49 0.00	15.50 0.47 0.00	25.35 0.77 0.00	28.58 0.88 0.00	28.98 1.00 0.00	30.29 0.91 0.00	37.42 0.91 1.96	35.01 0.77 0.64	37.38 0.88 0.03	35.51 0.93 0.00	39.53 0.91 0.00	39.76 0.93 0.00	41.62 0.98 0.00	149.76 4.61 0.00	49.60 1.84 0.00	49.11 2.56 0.00	52.41 2.85 0.00	48.21 2.44 0.00	52.18 2.28 0.18	43.80 1.86 0.00	43.59 1.78 0.05
JARVIS____ 23743	25.26 0.17 1.28	26.28 0.20 0.00	23.83 0.21 0.00	17.03 0.17 0.00	15.15 0.13 0.00	24.67 0.09 0.00	27.66 -0.04 0.00	27.89 -0.09 0.00	29.29 -0.09 0.00	36.34 -0.25 1.88	34.26 -0.01 0.61	36.56 0.06 0.03	34.68 0.10 0.00	38.68 0.05 0.00	38.88 0.05 0.00	40.67 0.04 0.00	145.21 0.06 0.00	47.78 0.02 0.00	46.64 0.08 0.00	49.61 0.05 0.00	45.79 0.02 0.00	50.10 0.02 0.00	41.98 0.04 0.00	41.89 0.03 0.00
JENNISON____1 23625	28.25 0.52 -1.38	26.58 0.50 0.00	24.08 0.46 0.00	17.22 0.37 0.00	15.41 0.38 0.00	25.19 0.61 0.00	28.51 0.81 0.00	29.11 1.13 0.00	30.67 1.29 0.00	38.04 1.59 2.02	35.79 1.57 0.66	38.26 1.76 0.03	36.25 1.68 0.00	40.32 1.70 0.00	40.64 1.81 0.00	42.43 1.80 0.00	152.53 7.39 0.00	50.31 2.56 0.00	49.47 2.92 0.00	52.37 2.81 0.00	47.67 1.90 0.00	51.14 1.27 0.21	43.33 1.39 0.00	43.41 1.61 0.06
JENNISON____2 23626	28.25 0.52 -1.38	26.58 0.50 0.00	24.08 0.46 0.00	17.22 0.37 0.00	15.41 0.38 0.00	25.19 0.61 0.00	28.51 0.81 0.00	29.11 1.13 0.00	30.67 1.29 0.00	38.04 1.59 2.02	35.79 1.57 0.66	38.26 1.76 0.03	36.25 1.68 0.00	40.32 1.70 0.00	40.64 1.81 0.00	42.43 1.80 0.00	152.53 7.39 0.00	50.31 2.56 0.00	49.47 2.92 0.00	52.37 2.81 0.00	47.67 1.90 0.00	51.14 1.27 0.21	43.33 1.39 0.00	43.41 1.61 0.06
JERICO_RISE_WT_PWR 323719	26.10 -0.26 0.00	25.78 -0.30 0.00	23.34 -0.28 0.00	16.58 -0.27 0.00	14.79 -0.23 0.00	24.33 -0.24 0.00	27.68 -0.03 0.00	28.09 0.11 0.00	29.41 0.03 0.00	38.06 0.21 0.62	34.64 -0.04 0.20	36.25 -0.27 0.01	34.04 -0.53 0.00	38.20 -0.43 0.00	38.49 -0.34 0.00	40.49 -0.14 0.00	145.23 0.08 0.00	47.81 0.05 0.00	46.66 0.10 0.00	49.99 0.43 0.00	46.41 0.64 0.00	50.95 0.87 0.00	42.64 0.70 0.00	42.47 0.61 0.00
KATONAH__115KV_46KV_TB4 355592	30.22 1.39 -2.46	27.51 1.43 0.00	24.93 1.31 0.00	17.85 1.00 0.00	15.88 0.85 0.00	25.68 1.10 0.00	28.71 1.01 0.00	29.10 1.12 0.00	30.71 1.33 0.00	38.57 1.63 1.52	36.47 2.08 0.49	38.86 2.35 0.02	37.05 2.47 0.00	41.39 2.77 0.00	41.63 2.80 0.00	43.52 2.88 0.00	155.10 9.95 0.00	51.14 3.38 0.00	49.80 3.25 0.00	52.67 3.11 0.00	48.24 2.47 0.00	52.58 2.57 0.07	44.17 2.23 0.00	43.96 2.12 0.02
KCE_NY_1 323755	102.92 1.47 -75.09	27.60 1.52 0.00	24.98 1.36 0.00	17.83 0.98 0.00	15.88 0.85 0.00	25.86 1.29 0.00	28.90 1.20 0.00	29.07 1.10 0.00	30.43 1.06 0.00	37.79 0.97 1.65	35.54 1.20 0.53	37.89 1.39 0.03	35.98 1.41 0.00	40.24 1.62 0.00	40.51 1.68 0.00	42.45 1.82 0.00	151.09 5.95 0.00	49.73 1.97 0.00	48.74 2.18 0.00	51.92 2.36 0.00	47.75 1.98 0.00	52.22 2.20 0.06	43.72 1.77 0.00	43.77 1.93 0.02
KCE_NY_6_ESR 323823	26.14 -0.22 0.00	25.67 -0.41 0.00	23.38 -0.23 0.00	16.65 -0.20 0.00	14.85 -0.17 0.00	24.50 -0.08 0.00	27.32 -0.38 0.00	27.81 -0.17 0.00	29.39 0.01 0.00	37.39 0.56 1.63	34.77 0.42 0.53	36.97 0.46 0.03	34.70 0.13 0.00	38.16 -0.46 0.00	37.92 -0.91 0.00	39.68 -0.95 0.00	141.81 -3.33 0.00	46.58 -1.17 0.00	45.45 -1.10 0.00	48.20 -1.36 0.00	45.18 -0.59 0.00	49.83 -0.25 0.00	41.54 -0.40 0.00	42.02 0.16 0.00
KEDC_PORT_JEFF_GT2 24210	29.88 1.11 -2.42	27.48 1.40 0.00	24.83 1.21 0.00	17.81 0.96 0.00	15.82 0.79 0.00	25.60 1.02 0.00	28.52 0.82 0.00	29.22 1.24 0.00	27.74 1.11 2.75	38.54 1.59 1.51	39.08 2.43 -1.78	39.17 2.42 -0.22	36.02 2.36 0.92	39.19 2.39 1.82	41.09 2.26 0.00	42.90 2.32 0.06	53.58 5.29 96.85	37.44 2.05 12.37	16.91 2.29 31.93	22.49 2.08 29.16	25.99 1.76 21.55	21.89 1.67 29.86	23.15 1.48 20.27	41.95 1.43 1.33
KEDC_PORT_JEFF_GT3 24211	29.88 1.11 -2.42	27.48 1.40 0.00	24.83 1.21 0.00	17.81 0.96 0.00	15.82 0.79 0.00	25.60 1.02 0.00	28.52 0.82 0.00	29.22 1.24 0.00	27.74 1.11 2.75	38.54 1.59 1.51	39.08 2.43 -1.78	39.17 2.42 -0.22	36.02 2.36 0.92	39.19 2.39 1.82	41.09 2.26 0.00	42.90 2.32 0.06	53.58 5.29 96.85	37.44 2.05 12.37	16.91 2.29 31.93	22.49 2.08 29.16	25.99 1.76 21.55	21.89 1.67 29.86	23.15 1.48 20.27	41.95 1.43 1.33
KEDC_GLWD_GT4 24219	30.26 1.49 -2.42	27.66 1.58 0.00	25.03 1.41 0.00	17.94 1.09 0.00	15.94 0.92 0.00	25.77 1.20 0.00	28.84 1.13 -0.01	29.34 1.35 -0.01	36.82 1.50 -5.94	48.15 1.95 -7.74	52.09 2.34 -14.88	45.02 2.41 -6.08	45.01 2.54 -7.90	45.33 2.77 -3.94	41.53 2.69 0.00	43.39 2.77 0.01	122.97 8.88 31.05	70.16 3.21 -19.20	61.22 3.14 -11.52	43.37 2.90 9.10	39.38 2.12 8.51	42.89 2.15 9.34	37.58 1.94 6.31	43.41 1.98 0.43
KEDC_GLWD_GT5 24220	30.26 1.49 -2.42	27.66 1.58 0.00	25.03 1.41 0.00	17.94 1.09 0.00	15.94 0.92 0.00	25.77 1.20 0.00	28.84 1.13 -0.01	29.34 1.35 -0.01	36.82 1.50 -5.94	48.15 1.95 -7.74	52.09 2.34 -14.88	45.02 2.41 -6.08	45.01 2.54 -7.90	45.33 2.77 -3.94	41.53 2.69 0.00	43.39 2.77 0.01	122.97 8.88 31.05	70.16 3.21 -19.20	61.22 3.14 -11.52	43.37 2.90 9.10	39.38 2.12 8.51	42.89 2.15 9.34	37.58 1.94 6.31	43.41 1.98 0.43
KENSICO____ 23655	30.10 1.33 -2.41	27.46 1.38 0.00	24.89 1.27 0.00	17.82 0.97 0.00	15.85 0.82 0.00	25.63 1.06 0.00	28.65 0.95 0.00	29.04 1.06 0.00	30.64 1.26 0.00	38.49 1.54 1.52	36.39 2.01 0.49	38.76 2.25 0.02	36.93 2.35 0.00	41.24 2.62 0.00	41.45 2.62 0.00	43.29 2.66 0.00	154.20 9.05 0.00	50.82 3.06 0.00	49.48 2.92 0.00	52.32 2.76 0.00	47.94 2.17 0.00	52.27 2.26 0.07	43.95 2.01 0.00	43.78 1.94 0.02
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	31.07 1.59 -3.12	27.64 1.56 0.00	25.03 1.41 0.00	17.91 1.06 0.00	15.93 0.90 0.00	25.80 1.22 0.00	28.91 1.21 0.00	29.31 1.33 0.00	30.86 1.49 0.00	38.75 1.78 1.49	36.53 2.14 0.48	38.88 2.37 0.02	37.08 2.51 0.00	41.63 3.01 0.00	41.92 3.10 0.00	43.91 3.28 0.00	157.24 12.09 0.00	51.95 4.19 0.00	50.70 4.14 0.00	53.63 4.06 0.00	49.24 3.47 0.00	53.62 3.61 0.07	44.89 2.95 0.00	44.56 2.73 0.02

KIAC_JFK_GT1 23816	30.05 1.28 -2.42	27.37 1.29 0.00	24.83 1.21 0.00	17.81 0.96 0.00	15.83 0.80 0.00	25.56 0.98 0.00	28.55 0.85 0.00	29.00 1.02 0.00	30.63 1.25 0.00	38.33 1.39 1.52	36.17 1.80 0.50	38.53 2.03 0.03	36.76 2.19 0.00	41.02 2.40 0.01	41.18 2.36 0.01	42.99 2.36 0.00	152.99 7.85 0.00	50.40 2.65 0.01	49.05 2.50 0.01	51.87 2.31 0.01	47.49 1.72 0.00	51.77 1.76 0.07	43.56 1.63 0.01	43.36 1.53 0.03
KIAC_JFK_GT2 23817	30.05 1.28 -2.42	27.37 1.29 0.00	24.83 1.21 0.00	17.81 0.96 0.00	15.83 0.80 0.00	25.56 0.98 0.00	28.55 0.85 0.00	29.00 1.02 0.00	30.63 1.25 0.00	38.33 1.39 1.52	36.17 1.80 0.50	38.53 2.03 0.03	36.76 2.19 0.00	41.02 2.40 0.01	41.18 2.36 0.01	42.99 2.36 0.00	152.99 7.85 0.00	50.40 2.65 0.01	49.05 2.50 0.01	51.87 2.31 0.01	47.49 1.72 0.00	51.77 1.76 0.07	43.56 1.63 0.01	43.36 1.53 0.03
KIAC_JFK____ 323774	30.06 1.28 -2.42	27.37 1.29 0.00	24.83 1.21 0.00	17.81 0.96 0.00	15.83 0.80 0.00	25.56 0.98 0.00	28.55 0.85 0.00	28.99 1.02 0.00	30.63 1.25 0.00	38.34 1.39 1.52	36.17 1.79 0.50	38.53 2.03 0.03	36.76 2.18 0.00	41.02 2.40 0.01	41.17 2.35 0.01	42.99 2.36 0.00	152.99 7.84 0.00	50.40 2.65 0.01	49.05 2.50 0.01	51.87 2.31 0.01	47.49 1.72 0.00	51.78 1.77 0.07	43.57 1.63 0.01	43.36 1.53 0.03
KINTIGH__24_KV_GSU 356498	25.85 -0.51 0.00	25.44 -0.64 0.00	23.13 -0.49 0.00	16.47 -0.39 0.00	14.70 -0.32 0.00	24.17 -0.41 0.00	26.94 -0.76 0.00	27.35 -0.63 0.00	28.87 -0.51 0.00	36.68 -0.25 1.54	34.14 -0.24 0.50	36.25 -0.25 0.03	34.03 -0.55 0.00	37.44 -1.18 0.00	37.24 -1.59 0.00	38.89 -1.74 0.00	138.85 -6.29 0.00	45.74 -2.02 0.00	44.61 -1.95 0.00	47.36 -2.20 0.00	44.33 -1.45 0.00	48.78 -1.30 0.00	40.77 -1.17 0.00	41.15 -0.71 0.00
KINTIGH____ 23543	25.82 -0.54 0.00	25.41 -0.67 0.00	23.11 -0.51 0.00	16.45 -0.40 0.00	14.69 -0.33 0.00	24.15 -0.42 0.00	26.91 -0.79 0.00	27.32 -0.66 0.00	28.85 -0.53 0.00	36.64 -0.29 1.54	34.09 -0.28 0.50	36.21 -0.29 0.03	33.98 -0.60 0.00	37.40 -1.22 0.00	37.20 -1.63 0.00	38.87 -1.76 0.00	138.78 -6.36 0.00	45.70 -2.06 0.00	44.58 -1.97 0.00	47.31 -2.25 0.00	44.29 -1.48 0.00	48.76 -1.32 0.00	40.75 -1.19 0.00	41.12 -0.74 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	26.36 0.00 0.00	25.97 -0.11 0.00	23.51 -0.11 0.00	16.70 -0.15 0.00	14.89 -0.13 0.00	24.51 -0.07 0.00	27.87 0.17 0.00	28.33 0.35 0.00	29.53 0.15 0.00	38.12 0.27 0.62	34.64 -0.03 0.20	36.31 -0.21 0.01	34.09 -0.48 0.00	38.23 -0.39 0.00	38.53 -0.29 0.00	40.54 -0.09 0.00	146.38 1.24 0.00	48.17 0.41 0.00	47.04 0.48 0.00	50.55 0.98 0.00	47.02 1.24 0.00	51.64 1.56 0.00	43.17 1.23 0.00	42.91 1.06 0.00
LACHUTE__HYDRO 323717	99.60 2.63 -70.60	28.89 2.81 0.00	26.20 2.58 0.00	18.60 1.75 0.00	16.56 1.53 0.00	27.10 2.52 0.00	30.19 2.49 0.00	29.42 1.44 0.00	30.67 1.29 0.00	37.80 0.98 1.65	35.96 1.62 0.53	39.34 2.83 0.03	37.29 2.72 0.00	41.57 2.95 0.00	41.92 3.10 0.00	44.17 3.54 0.00	155.06 9.92 0.00	51.85 4.09 0.00	50.95 4.39 0.00	55.85 6.28 0.00	50.86 5.09 0.00	54.35 4.32 0.06	45.57 3.63 0.00	45.55 3.71 0.02
LAWRNCV__115KV_TB1 80681	25.98 -0.38 0.00	25.65 -0.43 0.00	23.18 -0.44 0.00	16.47 -0.37 0.00	14.74 -0.29 0.00	24.19 -0.39 0.00	27.60 -0.10 0.00	27.87 -0.11 0.00	29.13 -0.25 0.00	37.36 -0.35 0.77	34.04 -0.58 0.25	35.50 -1.01 0.01	33.13 -1.44 0.00	37.13 -1.49 0.00	37.55 -1.28 0.00	39.61 -1.02 0.00	142.31 -2.83 0.00	46.84 -0.92 0.00	45.78 -0.78 0.00	49.12 -0.45 0.00	45.59 -0.19 0.00	50.20 0.12 0.00	42.08 0.14 0.00	41.89 0.03 0.00
LEDERLE____ 23769	30.06 1.37 -2.33	27.46 1.38 0.00	24.87 1.26 0.00	17.81 0.96 0.00	15.83 0.81 0.00	25.61 1.03 0.00	28.66 0.96 0.00	29.01 1.03 0.00	30.63 1.25 0.00	38.48 1.52 1.51	36.41 2.03 0.49	38.76 2.26 0.02	36.97 2.39 0.00	41.32 2.70 0.00	41.56 2.73 0.00	43.38 2.75 0.00	154.67 9.52 0.00	50.99 3.23 0.00	49.61 3.05 0.00	52.44 2.87 0.00	48.06 2.29 0.00	52.44 2.43 0.07	44.04 2.10 0.00	43.82 1.98 0.02
LIGHTHSE__115KV_TB6 355974	25.61 0.03 0.78	26.10 0.02 0.00	23.60 -0.02 0.00	16.85 -0.01 0.00	15.03 0.00 0.00	24.53 -0.05 0.00	27.58 -0.12 0.00	27.72 -0.26 0.00	29.07 -0.30 0.00	37.18 -0.76 0.53	34.08 -0.63 0.17	36.00 -0.52 0.01	33.98 -0.60 0.00	37.90 -0.72 0.00	38.33 -0.50 0.00	40.15 -0.48 0.00	143.27 -1.88 0.00	47.44 -0.32 0.00	46.63 0.07 0.00	49.71 0.14 0.00	46.07 0.30 0.00	50.83 0.37 -0.38	42.10 0.15 0.00	42.01 0.05 -0.11
LINDEN COGEN____ 23786	30.12 1.34 -2.42	27.44 1.36 0.00	24.87 1.25 0.00	17.83 0.98 0.00	15.85 0.83 0.00	25.59 1.01 0.00	28.59 0.89 0.00	29.03 1.05 0.00	30.68 1.30 0.00	38.50 1.56 1.52	36.47 2.09 0.49	38.82 2.32 0.02	37.02 2.45 0.00	41.36 2.74 0.00	41.51 2.68 0.00	43.32 2.69 0.00	153.93 8.79 0.00	50.78 3.02 0.00	49.40 2.85 0.00	52.24 2.67 0.00	47.81 2.04 0.00	52.10 2.09 0.07	43.87 1.93 0.00	43.65 1.81 0.02
LINDHRST_69_KV_BK1 356055	30.25 1.48 -2.42	27.74 1.66 0.00	25.06 1.44 0.00	17.98 1.13 0.00	15.97 0.94 0.00	25.83 1.26 0.00	28.87 1.17 0.00	29.50 1.52 0.00	30.92 1.54 0.00	41.69 2.07 -1.15	43.03 2.81 -5.34	41.22 2.80 -1.88	39.02 2.75 -1.70	41.44 2.82 0.00	41.49 2.66 0.00	43.34 2.75 0.05	70.34 8.07 82.88	44.75 2.97 5.97	26.41 2.98 23.13	27.32 2.72 24.96	24.93 2.09 22.93	26.79 2.22 25.51	26.63 2.00 17.31	42.67 1.96 1.14
LIPA_MISC_IPP 23656	29.64 0.86 -2.42	27.31 1.23 0.00	24.67 1.05 0.00	17.70 0.85 0.00	15.73 0.70 0.00	25.45 0.88 0.00	28.30 0.60 0.00	29.07 1.09 0.00	27.40 0.86 2.84	38.13 1.26 1.60	38.68 2.14 -1.67	38.80 2.10 -0.17	35.61 2.04 1.00	38.78 2.04 1.88	40.72 1.89 0.00	42.50 1.93 0.06	52.88 4.80 97.07	37.44 1.94 12.25	16.65 2.23 32.13	22.32 2.05 29.29	24.69 1.48 22.56	21.35 1.26 29.98	22.73 1.14 20.36	41.69 1.17 1.34
LISF____SOLAR 323691	29.68 0.90 -2.42	27.34 1.26 0.00	24.70 1.08 0.00	17.73 0.88 0.00	15.74 0.72 0.00	25.49 0.91 0.00	28.34 0.64 0.00	29.11 1.14 0.00	27.47 0.89 2.80	38.21 1.31 1.56	38.76 2.17 -1.71	38.85 2.13 -0.19	35.66 2.05 0.97	38.79 2.02 1.86	40.74 1.91 0.00	42.55 1.98 0.06	53.17 4.97 96.95	37.54 2.02 12.23	16.85 2.34 32.04	22.49 2.17 29.24	24.92 1.60 22.45	21.51 1.38 29.94	22.85 1.23 20.33	41.78 1.25 1.34
LITTLE FALLS____HYD 24013	25.48 0.40 1.28	26.60 0.52 0.00	24.18 0.56 0.00	17.29 0.44 0.00	15.37 0.35 0.00	24.95 0.37 0.00	27.78 0.08 0.00	27.77 -0.21 0.00	28.84 -0.53 0.00	35.34 -1.24 1.88	33.54 -0.72 0.61	35.94 -0.56 0.03	34.16 -0.42 0.00	38.14 -0.48 0.00	38.32 -0.51 0.00	40.24 -0.39 0.00	143.67 -1.48 0.00	47.36 -0.40 0.00	46.91 0.36 0.00	50.46 0.90 0.00	46.46 0.69 0.00	50.57 0.49 0.00	42.33 0.39 0.00	42.30 0.45 0.00

LITTLRIV_115KV_TB1 356100	26.49 0.13 0.00	26.14 0.06 0.00	23.61 -0.01 0.00	16.77 -0.08 0.00	15.01 -0.01 0.00	24.70 0.12 0.00	28.19 0.49 0.00	28.37 0.39 0.00	29.59 0.21 0.00	37.84 0.15 0.78	34.43 -0.20 0.25	35.84 -0.68 0.01	33.34 -1.23 0.00	37.44 -1.18 0.00	37.98 -0.84 0.00	40.29 -0.34 0.00	144.96 -0.19 0.00	47.71 -0.05 0.00	46.62 0.07 0.00	50.24 0.68 0.00	46.71 0.94 0.00	51.50 1.38 -0.04	43.03 1.09 0.00	42.81 0.94 -0.01
LI_NEWBRDGE___DRP 323616	29.97 1.19 -2.42	27.43 1.35 0.00	24.80 1.18 0.00	17.80 0.95 0.00	15.80 0.78 0.00	25.55 0.97 0.00	28.57 0.88 0.01	29.14 1.17 0.01	25.78 1.18 4.78	36.60 1.58 3.44	36.34 2.24 0.78	37.80 2.25 0.98	34.08 2.34 2.83	37.88 2.43 3.17	41.08 2.25 0.00	42.85 2.29 0.06	47.46 6.63 104.32	35.42 2.43 14.76	12.06 2.42 36.91	19.92 2.12 31.77	17.57 1.52 29.72	19.22 1.58 32.44	21.39 1.48 22.03	41.84 1.43 1.45
LOCKPORT_115KV_TB60_63_64 80432	25.80 -0.56 0.00	25.35 -0.73 0.00	23.08 -0.54 0.00	16.42 -0.43 0.00	14.70 -0.32 0.00	24.24 -0.34 0.00	26.99 -0.71 0.00	27.35 -0.63 0.00	28.86 -0.51 0.00	36.79 -0.11 1.56	34.14 -0.23 0.51	36.25 -0.26 0.03	33.96 -0.61 0.00	37.26 -1.36 0.00	37.03 -1.80 0.00	38.71 -1.92 0.00	138.41 -6.73 0.00	45.53 -2.23 0.00	44.42 -2.14 0.00	47.16 -2.40 0.00	44.33 -1.44 0.00	48.92 -1.15 0.00	40.87 -1.07 0.00	41.45 -0.41 0.00
LOCKPORT___CC1 323769	25.78 -0.58 0.00	25.33 -0.75 0.00	23.06 -0.56 0.00	16.40 -0.45 0.00	14.68 -0.34 0.00	24.20 -0.38 0.00	26.94 -0.76 0.00	27.33 -0.65 0.00	28.85 -0.53 0.00	36.76 -0.15 1.57	34.14 -0.23 0.51	36.24 -0.27 0.03	33.95 -0.62 0.00	37.24 -1.38 0.00	37.01 -1.82 0.00	38.67 -1.96 0.00	138.35 -6.79 0.00	45.48 -2.28 0.00	44.38 -2.18 0.00	47.12 -2.44 0.00	44.29 -1.49 0.00	48.87 -1.21 0.00	40.83 -1.11 0.00	41.40 -0.46 0.00
LOCKPORT___CC2 323770	25.78 -0.58 0.00	25.33 -0.75 0.00	23.06 -0.56 0.00	16.40 -0.45 0.00	14.68 -0.34 0.00	24.20 -0.38 0.00	26.94 -0.76 0.00	27.33 -0.65 0.00	28.85 -0.53 0.00	36.76 -0.15 1.57	34.14 -0.23 0.51	36.24 -0.27 0.03	33.95 -0.62 0.00	37.24 -1.38 0.00	37.01 -1.82 0.00	38.67 -1.96 0.00	138.35 -6.79 0.00	45.48 -2.28 0.00	44.38 -2.18 0.00	47.12 -2.44 0.00	44.29 -1.49 0.00	48.87 -1.21 0.00	40.83 -1.11 0.00	41.40 -0.46 0.00
LOCKPORT___CC3 323771	25.78 -0.58 0.00	25.33 -0.75 0.00	23.06 -0.56 0.00	16.40 -0.45 0.00	14.68 -0.34 0.00	24.20 -0.38 0.00	26.94 -0.76 0.00	27.33 -0.65 0.00	28.85 -0.53 0.00	36.76 -0.15 1.57	34.14 -0.23 0.51	36.24 -0.27 0.03	33.95 -0.62 0.00	37.24 -1.38 0.00	37.01 -1.82 0.00	38.67 -1.96 0.00	138.35 -6.79 0.00	45.48 -2.28 0.00	44.38 -2.18 0.00	47.12 -2.44 0.00	44.29 -1.49 0.00	48.87 -1.21 0.00	40.83 -1.11 0.00	41.40 -0.46 0.00
LOCUSVLY_69_KV_BK2 55797	30.28 1.51 -2.42	27.71 1.63 0.00	25.04 1.43 0.00	17.96 1.11 0.00	15.96 0.93 0.00	25.79 1.21 0.00	28.85 1.14 -0.01	29.39 1.41 -0.01	34.84 1.52 -3.95	46.04 2.03 -5.55	49.21 2.60 -11.73	43.88 2.66 -4.69	43.17 2.76 -5.84	44.22 2.99 -2.62	41.75 2.93 0.00	43.63 3.02 0.02	106.57 9.58 48.15	62.37 3.47 -11.14	50.02 3.35 -0.11	38.28 3.08 14.37	34.68 2.35 13.44	37.76 2.39 14.71	34.08 2.10 9.96	43.25 2.06 0.66
LONG_LAKE_PHOENIX 24014	25.27 -0.33 0.75	25.74 -0.35 0.00	23.32 -0.30 0.00	16.64 -0.21 0.00	14.83 -0.20 0.00	24.21 -0.37 0.00	27.13 -0.57 0.00	27.35 -0.63 0.00	28.71 -0.66 0.00	37.51 -0.96 0.00	34.10 -0.77 0.00	35.77 -0.76 0.00	33.91 -0.67 0.00	37.79 -0.83 0.00	37.96 -0.87 0.00	39.74 -0.89 0.00	141.80 -3.35 0.00	46.89 -0.87 0.00	45.78 -0.77 0.00	48.63 -0.94 0.00	44.93 -0.84 0.00	49.66 -1.00 -0.58	41.06 -0.88 0.00	41.12 -0.90 -0.16
LOVETT___3 23632	29.91 1.20 -2.35	27.31 1.24 0.00	24.75 1.13 0.00	17.73 0.88 0.00	15.76 0.73 0.00	25.48 0.91 0.00	28.50 0.79 0.00	28.85 0.87 0.00	30.44 1.06 0.00	38.21 1.26 1.51	36.14 1.76 0.49	38.47 1.96 0.02	36.65 2.08 0.00	40.96 2.34 0.00	41.18 2.35 0.00	42.99 2.36 0.00	153.13 7.99 0.00	50.48 2.73 0.00	49.14 2.59 0.00	51.96 2.39 0.00	47.63 1.86 0.00	51.97 1.96 0.07	43.69 1.74 0.00	43.49 1.65 0.02
LOVETT___4 23642	29.91 1.20 -2.35	27.31 1.24 0.00	24.75 1.13 0.00	17.73 0.88 0.00	15.76 0.73 0.00	25.48 0.91 0.00	28.50 0.79 0.00	28.85 0.87 0.00	30.44 1.06 0.00	38.21 1.26 1.51	36.14 1.76 0.49	38.47 1.96 0.02	36.65 2.08 0.00	40.96 2.34 0.00	41.18 2.35 0.00	42.99 2.36 0.00	153.13 7.99 0.00	50.48 2.73 0.00	49.14 2.59 0.00	51.96 2.39 0.00	47.63 1.86 0.00	51.97 1.96 0.07	43.69 1.74 0.00	43.49 1.65 0.02
LOVETT___5 23593	29.91 1.20 -2.35	27.31 1.24 0.00	24.75 1.13 0.00	17.73 0.88 0.00	15.76 0.73 0.00	25.48 0.91 0.00	28.50 0.79 0.00	28.85 0.87 0.00	30.44 1.06 0.00	38.21 1.26 1.51	36.14 1.76 0.49	38.47 1.96 0.02	36.65 2.08 0.00	40.96 2.34 0.00	41.18 2.35 0.00	42.99 2.36 0.00	153.13 7.99 0.00	50.48 2.73 0.00	49.14 2.59 0.00	51.96 2.39 0.00	47.63 1.86 0.00	51.97 1.96 0.07	43.69 1.74 0.00	43.49 1.65 0.02
LOWER RAQUET___HYD 24057	25.87 -0.49 0.00	25.54 -0.54 0.00	23.07 -0.55 0.00	16.39 -0.46 0.00	14.66 -0.36 0.00	24.05 -0.53 0.00	27.46 -0.24 0.00	27.70 -0.28 0.00	28.94 -0.44 0.00	37.03 -0.64 0.80	33.80 -0.82 0.26	35.20 -1.32 0.01	32.77 -1.80 0.00	36.74 -1.88 0.00	37.21 -1.62 0.00	39.30 -1.33 0.00	141.25 -3.90 0.00	46.51 -1.25 0.00	45.48 -1.08 0.00	48.85 -0.72 0.00	45.35 -0.42 0.00	49.99 -0.13 -0.05	41.91 -0.03 0.00	41.71 -0.16 -0.01
LOWER___HUDSON 24059	147.33 1.01 -119.96	27.17 1.09 0.00	24.65 1.03 0.00	17.59 0.74 0.00	15.67 0.64 0.00	25.43 0.86 0.00	28.38 0.68 0.00	28.54 0.56 0.00	29.94 0.56 0.00	37.26 0.42 1.63	35.07 0.72 0.53	37.32 0.82 0.03	35.35 0.78 0.00	39.52 0.89 0.00	39.78 0.95 0.00	41.57 0.94 0.00	148.22 3.07 0.00	48.52 0.76 0.00	47.66 1.11 0.00	50.81 1.24 0.00	46.75 0.98 0.00	51.16 1.14 0.06	42.96 1.02 0.00	43.05 1.21 0.02
LOWVILLE_115KV_TB2 356335	25.85 0.45 0.97	26.62 0.54 0.00	24.02 0.40 0.00	17.14 0.29 0.00	15.28 0.25 0.00	25.05 0.47 0.00	28.36 0.66 0.00	28.43 0.44 0.00	29.71 0.34 0.00	37.01 -0.16 1.30	34.27 -0.18 0.42	36.34 -0.17 0.02	34.21 -0.37 0.00	38.22 -0.40 0.00	38.82 0.00 0.00	40.90 0.27 0.00	147.07 1.93 0.00	48.53 0.77 0.00	48.11 1.55 0.00	51.62 2.06 0.00	47.83 2.06 0.00	52.49 2.32 -0.09	43.59 1.65 0.00	43.33 1.45 -0.03
LUTHERFT_115KV_GLOB_FND_222 355753	102.90 1.45 -75.09	27.59 1.51 0.00	25.00 1.39 0.00	17.84 0.99 0.00	15.89 0.87 0.00	25.85 1.28 0.00	28.90 1.20 0.00	29.05 1.07 0.00	30.40 1.02 0.00	37.76 0.94 1.65	35.52 1.17 0.53	37.88 1.38 0.03	35.93 1.35 0.00	40.16 1.54 0.00	40.45 1.62 0.00	42.36 1.73 0.00	150.91 5.76 0.00	49.66 1.90 0.00	48.67 2.11 0.00	51.89 2.32 0.00	47.73 1.96 0.00	52.17 2.15 0.06	43.71 1.77 0.00	43.72 1.88 0.02

LUTHERNY_35_KV_BK2 355980	102.92 1.47 -75.09	27.60 1.52 0.00	24.98 1.36 0.00	17.83 0.99 0.00	15.88 0.86 0.00	25.87 1.29 0.00	28.90 1.20 0.00	29.07 1.10 0.00	30.43 1.06 0.00	37.79 0.97 1.65	35.54 1.20 0.53	37.89 1.39 0.03	35.99 1.41 0.00	40.25 1.62 0.00	40.51 1.68 0.00	42.45 1.81 0.00	151.10 5.95 0.00	49.73 1.97 0.00	48.74 2.18 0.00	51.92 2.36 0.00	47.75 1.98 0.00	52.22 2.20 0.06	43.72 1.77 0.00	43.77 1.93 0.02
LWR___OSWEGATCHIE_HYD 23850	25.55 -0.01 0.80	26.10 0.02 0.00	23.54 -0.07 0.00	16.76 -0.09 0.00	14.97 -0.06 0.00	24.53 -0.05 0.00	27.87 0.16 0.00	27.96 -0.02 0.00	29.22 -0.15 0.00	36.77 -0.68 1.02	33.79 -0.75 0.33	35.60 -0.91 0.02	33.37 -1.20 0.00	37.36 -1.26 0.00	37.99 -0.84 0.00	40.06 -0.58 0.00	143.96 -1.19 0.00	47.50 -0.26 0.00	46.93 0.38 0.00	50.38 0.82 0.00	46.73 0.96 0.00	51.40 1.21 -0.11	42.77 0.83 0.00	42.54 0.65 -0.03
LYONS_FALL_HYD 23570	25.88 0.56 1.04	26.68 0.61 0.00	24.12 0.50 0.00	17.21 0.36 0.00	15.33 0.30 0.00	25.08 0.50 0.00	28.31 0.61 0.00	28.44 0.46 0.00	29.78 0.40 0.00	37.05 0.08 1.49	34.50 0.11 0.48	36.67 0.16 0.02	34.62 0.04 0.00	38.67 0.05 0.00	39.17 0.34 0.00	41.15 0.52 0.00	147.69 2.54 0.00	48.73 0.97 0.00	48.12 1.57 0.00	51.44 1.88 0.00	47.59 1.82 0.00	52.10 1.97 -0.05	43.36 1.42 0.00	43.13 1.26 -0.02
MADISON___COUNTY_LFGE 323628	26.28 0.92 1.00	26.97 0.89 0.00	24.42 0.81 0.00	17.42 0.57 0.00	15.48 0.45 0.00	25.28 0.71 0.00	28.39 0.69 0.00	28.62 0.64 0.00	30.00 0.63 0.00	37.36 0.57 1.67	34.95 0.62 0.54	37.27 0.77 0.03	35.32 0.75 0.00	39.45 0.82 0.00	39.78 0.95 0.00	41.64 1.01 0.00	149.16 4.01 0.00	49.24 1.48 0.00	48.54 1.99 0.00	51.58 2.02 0.00	47.60 1.82 0.00	51.96 1.88 0.00	43.32 1.38 0.00	43.14 1.28 0.00
MALONE___115KV_TB1 356076	26.38 0.02 0.00	26.03 -0.05 0.00	23.54 -0.08 0.00	16.72 -0.13 0.00	14.92 -0.10 0.00	24.56 -0.02 0.00	27.96 0.26 0.00	28.37 0.38 0.00	29.64 0.27 0.00	38.39 0.55 0.62	34.93 0.26 0.20	36.54 0.02 0.01	34.32 -0.26 0.00	38.47 -0.15 0.00	38.83 0.00 0.00	40.91 0.27 0.00	146.76 1.62 0.00	48.49 0.73 0.00	47.35 0.79 0.00	50.65 1.08 0.00	47.10 1.33 0.00	51.70 1.62 0.00	43.20 1.26 0.00	42.94 1.08 0.00
MAPLEWOD_115KV_TB3 80458	27.82 0.65 -0.81	26.81 0.73 0.00	24.30 0.69 0.00	17.37 0.52 0.00	15.46 0.44 0.00	25.08 0.51 0.00	28.01 0.31 0.00	28.27 0.29 0.00	29.80 0.43 0.00	37.32 0.48 1.62	35.08 0.73 0.53	37.14 0.64 0.03	35.20 0.62 0.00	39.31 0.69 0.00	39.56 0.73 0.00	41.30 0.67 0.00	148.19 3.04 0.00	48.39 0.63 0.00	47.62 1.07 0.00	50.59 1.03 0.00	46.55 0.78 0.00	50.79 0.77 0.06	42.59 0.65 0.00	42.43 0.59 0.02
MAPLE_RIDGE_WT_1 323574	25.30 -0.09 0.97	25.99 -0.09 0.00	23.50 -0.11 0.00	16.78 -0.07 0.00	14.95 -0.08 0.00	24.51 -0.07 0.00	27.66 -0.04 0.00	27.93 -0.05 0.00	29.31 -0.06 0.00	36.90 -0.14 1.42	34.29 -0.12 0.46	36.39 -0.12 0.02	34.41 -0.17 0.00	38.42 -0.20 0.00	38.63 -0.20 0.00	40.46 -0.16 0.00	144.86 -0.28 0.00	47.68 -0.08 0.00	46.51 -0.04 0.00	49.57 0.00 0.00	45.82 0.04 0.00	50.16 0.08 0.00	41.98 0.04 0.00	41.90 0.05 0.00
MAPLE_RIDGE_WT_2 323611	25.30 -0.09 0.97	25.99 -0.09 0.00	23.50 -0.11 0.00	16.78 -0.07 0.00	14.95 -0.08 0.00	24.51 -0.07 0.00	27.66 -0.04 0.00	27.93 -0.05 0.00	29.31 -0.06 0.00	36.90 -0.14 1.42	34.29 -0.12 0.46	36.39 -0.12 0.02	34.41 -0.17 0.00	38.42 -0.20 0.00	38.63 -0.20 0.00	40.46 -0.16 0.00	144.86 -0.28 0.00	47.68 -0.08 0.00	46.51 -0.04 0.00	49.57 0.00 0.00	45.82 0.04 0.00	50.16 0.08 0.00	41.98 0.04 0.00	41.90 0.05 0.00
MARBLE_RIVER_WT_PWR 323696	26.13 -0.23 0.00	25.81 -0.27 0.00	23.37 -0.25 0.00	16.60 -0.25 0.00	14.80 -0.22 0.00	24.33 -0.24 0.00	27.68 -0.02 0.00	28.11 0.13 0.00	29.44 0.07 0.00	38.10 0.25 0.62	34.70 0.03 0.20	36.32 -0.20 0.01	34.07 -0.50 0.00	38.24 -0.38 0.00	38.55 -0.29 0.00	40.55 -0.08 0.00	145.37 0.23 0.00	47.83 0.07 0.00	46.71 0.15 0.00	50.06 0.50 0.00	46.50 0.72 0.00	51.04 0.97 0.00	42.73 0.79 0.00	42.57 0.71 0.00
MARSHVLE_115KV_TB1 80742	61.01 1.40 -33.25	27.44 1.36 0.00	24.88 1.27 0.00	17.74 0.89 0.00	15.82 0.79 0.00	25.77 1.19 0.00	28.98 1.28 0.00	28.99 1.01 0.00	30.20 0.83 0.00	37.76 0.99 1.70	35.31 0.98 0.55	37.68 1.18 0.03	35.76 1.19 0.00	39.87 1.24 0.00	40.10 1.27 0.00	41.93 1.30 0.00	150.54 5.40 0.00	49.84 2.08 0.00	48.93 2.37 0.00	52.62 3.06 0.00	48.84 3.07 0.00	53.47 3.47 0.07	44.68 2.74 0.00	44.48 2.64 0.02
MARSH_HILL_WT_PWR 323713	25.91 -0.45 0.00	25.39 -0.69 0.00	23.09 -0.53 0.00	16.43 -0.42 0.00	14.63 -0.40 0.00	24.09 -0.49 0.00	27.23 -0.47 0.00	27.81 -0.17 0.00	29.54 0.16 0.00	37.05 0.32 1.74	34.58 0.27 0.56	36.67 0.17 0.03	34.60 0.03 0.00	38.24 -0.38 0.00	38.36 -0.47 0.00	40.29 -0.34 0.00	144.72 -0.42 0.00	46.95 -0.81 0.00	46.14 -0.42 0.00	49.34 -0.23 0.00	46.28 0.51 0.00	50.72 0.73 0.09	42.33 0.39 0.00	42.66 0.82 0.02
MCINTYRE_115KV_TB2 80467	26.89 0.52 0.00	26.51 0.43 0.00	23.96 0.34 0.00	17.01 0.16 0.00	15.24 0.21 0.00	25.15 0.58 0.00	28.69 0.99 0.00	28.85 0.87 0.00	30.11 0.73 0.00	38.53 0.80 0.74	35.01 0.38 0.24	36.51 -0.01 0.01	34.02 -0.56 0.00	38.27 -0.36 0.00	38.67 -0.16 0.00	40.93 0.30 0.00	147.66 2.52 0.00	48.54 0.78 0.00	47.38 0.82 0.00	51.13 1.56 0.00	47.58 1.81 0.00	52.41 2.33 0.00	43.72 1.79 0.00	43.50 1.65 0.00
MECO_____69_KV_BK1 80468	63.80 1.69 -35.75	27.73 1.65 0.00	25.13 1.52 0.00	17.93 1.08 0.00	15.98 0.96 0.00	26.01 1.44 0.00	29.20 1.50 0.00	29.12 1.14 0.00	30.13 0.76 0.00	37.39 0.60 1.68	34.92 0.58 0.54	37.18 0.67 0.03	35.36 0.78 0.00	39.41 0.79 0.00	39.67 0.84 0.00	41.52 0.89 0.00	149.37 4.23 0.00	49.77 2.01 0.00	49.30 2.74 0.00	53.35 3.78 0.00	49.43 3.66 0.00	53.98 3.97 0.07	45.06 3.12 0.00	44.84 3.01 0.02
MENANDS___115KV_TB5 355628	25.93 0.45 0.89	26.63 0.55 0.00	24.15 0.53 0.00	17.26 0.41 0.00	15.37 0.34 0.00	24.93 0.35 0.00	27.83 0.13 0.00	28.08 0.10 0.00	29.45 0.08 0.00	36.75 -0.11 1.62	34.61 0.26 0.52	36.91 0.41 0.03	34.95 0.38 0.00	39.01 0.39 0.00	39.24 0.41 0.00	40.95 0.32 0.00	146.97 1.83 0.00	47.93 0.17 0.00	47.19 0.63 0.00	50.10 0.54 0.00	46.11 0.34 0.00	50.31 0.28 0.06	42.21 0.27 0.00	42.05 0.20 0.02
MG INDUSTRY___DRP 24185	27.30 0.47 -0.47	26.69 0.61 0.00	24.22 0.60 0.00	17.32 0.47 0.00	15.42 0.39 0.00	25.03 0.45 0.00	27.98 0.28 0.00	28.16 0.18 0.00	29.49 0.11 0.00	36.81 -0.07 1.59	34.58 0.22 0.51	36.85 0.35 0.03	34.87 0.30 0.00	38.79 0.17 0.00	39.04 0.22 0.00	40.75 0.12 0.00	145.90 0.75 0.00	47.87 0.12 0.00	46.90 0.34 0.00	49.88 0.32 0.00	45.99 0.22 0.00	50.24 0.22 0.06	42.17 0.23 0.00	42.06 0.21 0.02

MID___OSWEGATCHIE_HYD 23849	25.55 -0.01 0.80	26.10 0.02 0.00	23.54 -0.07 0.00	16.76 -0.09 0.00	14.97 -0.06 0.00	24.53 -0.05 0.00	27.87 0.16 0.00	27.96 -0.02 0.00	29.22 -0.15 0.00	36.77 -0.68 1.02	33.79 -0.75 0.33	35.60 -0.91 0.02	33.37 -1.20 0.00	37.36 -1.26 0.00	37.99 -0.84 0.00	40.06 -0.58 0.00	143.96 -1.19 0.00	47.50 -0.26 0.00	46.93 0.38 0.00	50.38 0.82 0.00	46.73 0.96 0.00	51.40 1.21 -0.11	42.77 0.83 0.00	42.54 0.65 -0.03
MID___RAQUETTE_HYD 23851	25.86 -0.50 0.00	25.54 -0.54 0.00	23.07 -0.55 0.00	16.39 -0.46 0.00	14.66 -0.36 0.00	24.05 -0.53 0.00	27.46 -0.24 0.00	27.70 -0.28 0.00	28.94 -0.44 0.00	37.03 -0.64 0.80	33.79 -0.82 0.26	35.20 -1.32 0.01	32.77 -1.80 0.00	36.74 -1.88 0.00	37.21 -1.62 0.00	39.30 -1.33 0.00	141.25 -3.90 0.00	46.51 -1.25 0.00	45.48 -1.08 0.00	48.85 -0.72 0.00	45.35 -0.42 0.00	49.99 -0.13 -0.05	41.91 -0.03 0.00	41.71 -0.16 -0.01
MILLIKEN___1 23584	26.88 0.52 0.00	26.52 0.44 0.00	24.04 0.43 0.00	17.17 0.32 0.00	15.32 0.29 0.00	24.98 0.40 0.00	28.08 0.38 0.00	28.40 0.42 0.00	29.79 0.41 0.00	37.15 0.33 1.65	34.65 0.31 0.53	36.94 0.43 0.03	35.02 0.45 0.00	39.02 0.40 0.00	39.20 0.37 0.00	41.06 0.43 0.00	146.95 1.81 0.00	48.65 0.89 0.00	47.76 1.20 0.00	50.75 1.18 0.00	46.83 1.06 0.00	51.03 1.01 0.06	42.66 0.72 0.00	42.57 0.73 0.02
MILLIKEN___2 23585	26.88 0.52 0.00	26.52 0.44 0.00	24.04 0.43 0.00	17.17 0.32 0.00	15.32 0.29 0.00	24.98 0.40 0.00	28.08 0.38 0.00	28.40 0.42 0.00	29.79 0.41 0.00	37.15 0.33 1.65	34.65 0.31 0.53	36.94 0.43 0.03	35.02 0.45 0.00	39.02 0.40 0.00	39.20 0.37 0.00	41.06 0.43 0.00	146.95 1.81 0.00	48.65 0.89 0.00	47.76 1.20 0.00	50.75 1.18 0.00	46.83 1.06 0.00	51.03 1.01 0.06	42.66 0.72 0.00	42.57 0.73 0.02
MILLIKEN___DIESEL 23629	26.88 0.52 0.00	26.52 0.44 0.00	24.04 0.43 0.00	17.17 0.32 0.00	15.32 0.29 0.00	24.98 0.40 0.00	28.08 0.38 0.00	28.40 0.42 0.00	29.79 0.41 0.00	37.15 0.33 1.65	34.65 0.31 0.53	36.94 0.43 0.03	35.02 0.45 0.00	39.02 0.40 0.00	39.20 0.37 0.00	41.06 0.43 0.00	146.95 1.81 0.00	48.65 0.89 0.00	47.76 1.20 0.00	50.75 1.18 0.00	46.83 1.06 0.00	51.03 1.01 0.06	42.66 0.72 0.00	42.57 0.73 0.02
MILLSEAT___LFGE 323607	26.45 0.09 0.00	25.98 -0.10 0.00	23.61 -0.01 0.00	16.79 -0.06 0.00	15.02 0.00 0.00	24.76 0.19 0.00	27.62 -0.08 0.00	28.06 0.08 0.00	29.58 0.21 0.00	37.73 0.79 1.53	34.96 0.58 0.50	36.92 0.42 0.02	34.67 0.10 0.00	38.03 -0.60 0.00	38.02 -0.81 0.00	39.68 -0.96 0.00	142.00 -3.15 0.00	46.81 -0.95 0.00	45.69 -0.86 0.00	48.55 -1.01 0.00	45.58 -0.19 0.00	50.24 0.17 0.00	41.89 -0.05 0.00	42.33 0.47 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	30.05 1.29 -2.40	27.41 1.33 0.00	24.84 1.22 0.00	17.79 0.94 0.00	15.82 0.79 0.00	25.58 1.01 0.00	28.60 0.90 0.00	28.97 0.99 0.00	30.57 1.20 0.00	38.38 1.43 1.52	36.29 1.91 0.49	38.64 2.13 0.02	36.82 2.25 0.00	41.13 2.50 0.00	41.34 2.51 0.00	43.17 2.54 0.00	153.82 8.67 0.00	50.70 2.94 0.00	49.35 2.80 0.00	52.20 2.64 0.00	47.84 2.07 0.00	52.18 2.17 0.07	43.87 1.93 0.00	43.69 1.85 0.02
MILLWOOD_13_KV_LOAD 356217	30.08 1.32 -2.40	27.45 1.37 0.00	24.88 1.26 0.00	17.81 0.96 0.00	15.84 0.82 0.00	25.61 1.03 0.00	28.64 0.94 0.00	29.01 1.03 0.00	30.61 1.24 0.00	38.44 1.49 1.52	36.35 1.97 0.49	38.71 2.21 0.02	36.89 2.31 0.00	41.20 2.58 0.00	41.42 2.60 0.00	43.27 2.64 0.00	154.17 9.02 0.00	50.84 3.08 0.00	49.48 2.93 0.00	52.33 2.77 0.00	47.96 2.19 0.00	52.30 2.29 0.07	43.96 2.02 0.00	43.78 1.94 0.02
MODEL_CITY_ENERGY 24167	25.57 -0.80 0.00	25.13 -0.95 0.00	22.89 -0.73 0.00	16.28 -0.57 0.00	14.59 -0.44 0.00	24.05 -0.53 0.00	26.76 -0.94 0.00	27.09 -0.89 0.00	28.58 -0.80 0.00	36.43 -0.46 1.58	33.85 -0.52 0.51	35.93 -0.57 0.03	33.67 -0.91 0.00	36.92 -1.70 0.00	36.66 -2.17 0.00	38.31 -2.32 0.00	136.94 -8.21 0.00	45.02 -2.74 0.00	43.93 -2.63 0.00	46.64 -2.93 0.00	43.87 -1.90 0.00	48.41 -1.66 0.00	40.48 -1.47 0.00	41.13 -0.73 0.00
MODERN_LFGE___ 323580	25.57 -0.80 0.00	25.13 -0.95 0.00	22.89 -0.73 0.00	16.28 -0.57 0.00	14.59 -0.44 0.00	24.05 -0.53 0.00	26.76 -0.94 0.00	27.09 -0.89 0.00	28.58 -0.80 0.00	36.43 -0.46 1.58	33.85 -0.52 0.51	35.93 -0.57 0.03	33.67 -0.91 0.00	36.92 -1.70 0.00	36.66 -2.17 0.00	38.31 -2.32 0.00	136.94 -8.21 0.00	45.02 -2.74 0.00	43.93 -2.63 0.00	46.64 -2.93 0.00	43.87 -1.90 0.00	48.41 -1.66 0.00	40.48 -1.47 0.00	41.13 -0.73 0.00
MOHAWK_PAPER___DRP 24187	27.82 0.65 -0.81	26.81 0.73 0.00	24.30 0.69 0.00	17.37 0.52 0.00	15.46 0.44 0.00	25.08 0.51 0.00	28.01 0.31 0.00	28.27 0.29 0.00	29.80 0.43 0.00	37.32 0.48 1.62	35.08 0.73 0.53	37.14 0.64 0.03	35.20 0.62 0.00	39.31 0.69 0.00	39.56 0.73 0.00	41.30 0.67 0.00	148.19 3.04 0.00	48.39 0.63 0.00	47.62 1.07 0.00	50.59 1.03 0.00	46.55 0.78 0.00	50.79 0.77 0.06	42.59 0.65 0.00	42.43 0.59 0.02
MOHICAN___35_KV_115KV_LD 80490	100.67 1.85 -72.47	28.02 1.94 0.00	25.40 1.78 0.00	18.10 1.25 0.00	16.12 1.09 0.00	26.25 1.67 0.00	29.35 1.64 0.00	29.38 1.40 0.00	30.59 1.21 0.00	37.76 0.94 1.65	35.59 1.25 0.53	38.12 1.62 0.03	36.11 1.53 0.00	40.34 1.71 0.00	40.70 1.87 0.00	42.72 2.09 0.00	151.29 6.15 0.00	49.97 2.21 0.00	49.02 2.46 0.00	52.47 2.91 0.00	48.17 2.40 0.00	52.58 2.56 0.06	43.98 2.04 0.00	44.01 2.16 0.02
MONGAUP___HYD 23641	29.89 1.38 -2.15	27.43 1.35 0.00	24.85 1.23 0.00	17.76 0.91 0.00	15.81 0.79 0.00	25.62 1.04 0.00	28.69 0.99 0.00	28.66 0.68 0.00	29.99 0.61 0.00	37.61 0.63 1.49	35.43 1.03 0.48	37.64 1.14 0.02	35.36 0.78 0.00	39.56 0.94 0.00	40.01 1.18 0.00	41.79 1.15 0.00	149.43 4.28 0.00	49.49 1.73 0.00	48.55 1.99 0.00	51.62 2.06 0.00	47.60 1.83 0.00	51.93 1.93 0.07	43.52 1.58 0.00	43.53 1.69 0.02
MONTAUK___DIESEL 23721	29.08 0.30 -2.42	26.72 0.64 0.00	24.17 0.55 0.00	17.47 0.62 0.00	15.53 0.51 0.00	25.25 0.67 0.00	27.97 0.27 0.00	28.77 0.79 0.00	27.45 0.90 2.83	38.43 1.55 1.58	39.37 2.81 -1.68	39.61 2.91 -0.18	36.73 3.15 0.99	39.79 3.04 1.87	41.77 2.94 0.00	42.84 2.27 0.06	53.29 5.17 97.03	37.71 2.20 12.25	16.97 2.51 32.10	22.57 2.28 29.28	24.83 1.58 22.52	21.17 1.06 29.97	22.42 0.82 20.35	41.26 0.74 1.34
MOONROAD_115KV_HARTFLD_TB1-2 355988	25.94 -0.42 0.00	25.68 -0.40 0.00	23.62 0.01 0.00	17.05 0.20 0.00	15.10 0.08 0.00	25.06 0.48 0.00	28.28 0.58 0.00	28.97 0.99 0.00	30.74 1.36 0.00	39.05 2.25 1.67	36.32 1.98 0.54	38.64 2.14 0.03	36.36 1.78 0.00	40.00 1.38 0.00	39.62 0.79 0.00	41.19 0.55 0.00	147.40 2.26 0.00	48.41 0.65 0.00	46.91 0.36 0.00	49.68 0.12 0.00	46.47 0.70 0.00	51.25 1.22 0.05	42.75 0.81 0.00	43.17 1.33 0.01

MORRIS_RIDGE___SOLAR 323848	25.83 -0.53 0.00	25.42 -0.66 0.00	23.17 -0.45 0.00	16.49 -0.36 0.00	14.71 -0.31 0.00	24.23 -0.35 0.00	27.17 -0.53 0.00	27.61 -0.37 0.00	29.16 -0.21 0.00	36.48 -0.25 1.74	34.05 -0.27 0.56	36.19 -0.32 0.03	34.08 -0.50 0.00	37.68 -0.94 0.00	37.67 -1.16 0.00	39.69 -0.94 0.00	142.39 -2.75 0.00	46.65 -1.11 0.00	45.58 -0.97 0.00	48.56 -1.00 0.00	45.44 -0.33 0.00	49.87 -0.12 0.08	41.67 -0.27 0.00	42.06 0.23 0.02
MORTIMER_115KV_TB3 55949	26.37 0.01 0.00	25.96 -0.12 0.00	23.55 -0.07 0.00	16.76 -0.09 0.00	14.96 -0.07 0.00	24.55 -0.03 0.00	27.43 -0.27 0.00	27.81 -0.17 0.00	29.31 -0.07 0.00	37.20 0.16 1.42	34.57 0.16 0.46	36.71 0.20 0.02	34.55 -0.03 0.00	38.22 -0.40 0.00	38.16 -0.67 0.00	39.91 -0.72 0.00	142.83 -2.31 0.00	47.06 -0.70 0.00	45.87 -0.68 0.00	48.68 -0.88 0.00	45.35 -0.43 0.00	49.82 -0.32 -0.06	41.53 -0.41 0.00	41.70 -0.17 -0.02
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	30.21 1.43 -2.42	27.55 1.47 0.00	24.97 1.35 0.00	17.89 1.04 0.00	15.91 0.88 0.00	25.70 1.12 0.00	28.72 1.02 0.00	29.16 1.18 0.00	30.80 1.42 0.00	38.69 1.74 1.52	36.60 2.21 0.49	38.98 2.48 0.02	37.16 2.58 0.00	41.50 2.88 0.00	41.68 2.85 0.00	43.51 2.88 0.00	154.85 9.71 0.00	51.04 3.28 0.00	49.67 3.12 0.00	52.52 2.95 0.00	48.08 2.31 0.00	52.42 2.41 0.07	44.11 2.17 0.00	43.91 2.07 0.02
MUNSVILLE_WIND_PWR 323609	28.39 1.07 -0.96	27.12 1.04 0.00	24.59 0.97 0.00	17.52 0.67 0.00	15.68 0.66 0.00	25.71 1.13 0.00	29.19 1.48 0.00	29.85 1.87 0.00	31.39 2.01 0.00	38.92 2.45 1.99	36.47 2.24 0.65	39.00 2.50 0.03	37.04 2.47 0.00	41.23 2.61 0.00	41.52 2.69 0.00	43.28 2.65 0.00	155.98 10.84 0.00	51.56 3.80 0.00	51.04 4.48 0.00	54.38 4.82 0.00	49.69 3.92 0.00	53.51 3.63 0.20	45.08 3.14 0.00	44.78 2.98 0.06
N SALMON___HYD 24042	26.38 0.02 0.00	26.03 -0.05 0.00	23.54 -0.08 0.00	16.73 -0.13 0.00	14.92 -0.10 0.00	24.56 -0.02 0.00	27.96 0.26 0.00	28.37 0.38 0.00	29.64 0.27 0.00	38.39 0.55 0.62	34.93 0.26 0.20	36.55 0.02 0.01	34.32 -0.26 0.00	38.47 -0.15 0.00	38.83 0.00 0.00	40.91 0.28 0.00	146.77 1.62 0.00	48.49 0.73 0.00	47.35 0.79 0.00	50.65 1.08 0.00	47.10 1.33 0.00	51.70 1.62 0.00	43.20 1.26 0.00	42.94 1.08 0.00
N.AKRON__115KV_KNAPP 355671	26.38 0.02 0.00	25.91 -0.17 0.00	23.56 -0.06 0.00	16.75 -0.10 0.00	14.99 -0.04 0.00	24.71 0.13 0.00	27.56 -0.14 0.00	27.98 0.00 0.00	29.50 0.12 0.00	37.56 0.63 1.54	34.80 0.42 0.50	36.82 0.32 0.03	34.54 -0.03 0.00	37.91 -0.72 0.00	37.85 -0.98 0.00	39.52 -1.11 0.00	141.61 -3.54 0.00	46.69 -1.07 0.00	45.58 -0.98 0.00	48.40 -1.17 0.00	45.45 -0.32 0.00	50.10 0.02 0.00	41.79 -0.16 0.00	42.23 0.38 0.00
N.E_GEN_SANDY PD 24062	-12.91 1.34 40.61	27.89 1.47 -0.34	26.71 1.41 -1.69	23.59 1.03 -5.70	21.54 0.91 -5.61	27.52 1.19 -1.76	29.57 1.00 -0.87	28.54 0.83 0.28	30.35 0.98 0.00	37.87 0.96 1.56	35.91 1.38 0.34	37.96 1.45 0.03	36.05 1.48 0.00	40.32 1.70 0.00	41.60 1.77 -1.00	42.41 1.78 0.00	144.11 5.38 6.41	48.25 1.63 1.14	48.37 1.82 0.00	61.51 1.91 -10.04	105.07 1.44 -57.85	98.90 1.72 -47.10	87.63 1.60 -44.09	43.76 1.92 0.02
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	29.97 1.27 -2.34	27.37 1.29 0.00	24.80 1.18 0.00	17.76 0.91 0.00	15.78 0.76 0.00	25.53 0.96 0.00	28.55 0.85 0.00	28.91 0.93 0.00	30.51 1.13 0.00	38.33 1.37 1.51	36.26 1.87 0.49	38.60 2.10 0.02	36.81 2.24 0.00	41.15 2.53 0.00	41.38 2.55 0.00	43.19 2.56 0.00	153.94 8.80 0.00	50.75 3.00 0.00	49.39 2.83 0.00	52.20 2.64 0.00	47.85 2.08 0.00	52.20 2.19 0.07	43.87 1.93 0.00	43.65 1.81 0.02
N.QUEENS_27_KV_LOAD 356247	30.32 1.54 -2.42	27.64 1.56 0.00	25.11 1.49 0.00	17.97 1.12 0.00	15.98 0.95 0.00	25.77 1.19 0.00	28.86 1.16 0.00	29.32 1.34 0.00	30.95 1.58 0.00	38.78 1.83 1.52	36.76 2.38 0.49	39.15 2.65 0.02	37.37 2.79 0.00	41.69 3.06 0.00	41.85 3.02 0.00	43.66 3.03 0.00	155.29 10.14 0.00	51.23 3.47 0.00	49.71 3.16 0.00	52.66 3.09 0.00	48.27 2.49 0.00	52.63 2.62 0.07	44.20 2.26 0.00	43.95 2.11 0.02
N.TROY___115KV_TB1 355778	147.33 1.01 -119.96	27.17 1.09 0.00	24.65 1.03 0.00	17.59 0.74 0.00	15.67 0.64 0.00	25.43 0.86 0.00	28.38 0.68 0.00	28.54 0.56 0.00	29.94 0.56 0.00	37.26 0.42 1.63	35.07 0.73 0.53	37.32 0.82 0.03	35.36 0.78 0.00	39.52 0.89 0.00	39.78 0.95 0.00	41.57 0.94 0.00	148.24 3.10 0.00	48.52 0.76 0.00	47.66 1.11 0.00	50.81 1.24 0.00	46.75 0.98 0.00	51.16 1.14 0.06	42.96 1.02 0.00	43.05 1.21 0.02
NARROWS_GT1_1 24228	30.18 1.40 -2.42	27.51 1.43 0.00	24.92 1.31 0.00	17.85 1.00 0.00	15.86 0.84 0.00	25.62 1.05 0.00	28.65 0.95 0.00	29.11 1.13 0.00	30.81 1.43 0.00	38.68 1.73 1.52	36.62 2.24 0.49	38.98 2.48 0.02	37.19 2.62 0.00	41.54 2.92 0.00	41.69 2.86 0.00	43.49 2.86 0.00	154.67 9.52 0.00	51.06 3.30 0.00	49.64 3.09 0.00	52.63 3.06 0.00	48.19 2.42 0.00	52.55 2.53 0.07	44.30 2.36 0.00	44.10 2.26 0.02
NARROWS_GT1_2 24229	30.18 1.40 -2.42	27.51 1.43 0.00	24.92 1.31 0.00	17.85 1.00 0.00	15.86 0.84 0.00	25.62 1.05 0.00	28.65 0.95 0.00	29.11 1.13 0.00	30.81 1.43 0.00	38.68 1.73 1.52	36.62 2.24 0.49	38.98 2.48 0.02	37.19 2.62 0.00	41.54 2.92 0.00	41.69 2.86 0.00	43.49 2.86 0.00	154.67 9.52 0.00	51.06 3.30 0.00	49.64 3.09 0.00	52.63 3.06 0.00	48.19 2.42 0.00	52.55 2.53 0.07	44.30 2.36 0.00	44.10 2.26 0.02
NARROWS_GT1_3 24230	30.18 1.40 -2.42	27.51 1.43 0.00	24.92 1.31 0.00	17.85 1.00 0.00	15.86 0.84 0.00	25.62 1.05 0.00	28.65 0.95 0.00	29.11 1.13 0.00	30.81 1.43 0.00	38.68 1.73 1.52	36.62 2.24 0.49	38.98 2.48 0.02	37.19 2.62 0.00	41.54 2.92 0.00	41.69 2.86 0.00	43.49 2.86 0.00	154.67 9.52 0.00	51.06 3.30 0.00	49.64 3.09 0.00	52.63 3.06 0.00	48.19 2.42 0.00	52.55 2.53 0.07	44.30 2.36 0.00	44.10 2.26 0.02
NARROWS_GT1_4 24231	30.18 1.40 -2.42	27.51 1.43 0.00	24.92 1.31 0.00	17.85 1.00 0.00	15.86 0.84 0.00	25.62 1.05 0.00	28.65 0.95 0.00	29.11 1.13 0.00	30.81 1.43 0.00	38.68 1.73 1.52	36.62 2.24 0.49	38.98 2.48 0.02	37.19 2.62 0.00	41.54 2.92 0.00	41.69 2.86 0.00	43.49 2.86 0.00	154.67 9.52 0.00	51.06 3.30 0.00	49.64 3.09 0.00	52.63 3.06 0.00	48.19 2.42 0.00	52.55 2.53 0.07	44.30 2.36 0.00	44.10 2.26 0.02
NARROWS_GT1_5 24232	30.18 1.40 -2.42	27.51 1.43 0.00	24.92 1.31 0.00	17.85 1.00 0.00	15.86 0.84 0.00	25.62 1.05 0.00	28.65 0.95 0.00	29.11 1.13 0.00	30.81 1.43 0.00	38.68 1.73 1.52	36.62 2.24 0.49	38.98 2.48 0.02	37.19 2.62 0.00	41.54 2.92 0.00	41.69 2.86 0.00	43.49 2.86 0.00	154.67 9.52 0.00	51.06 3.30 0.00	49.64 3.09 0.00	52.63 3.06 0.00	48.19 2.42 0.00	52.55 2.53 0.07	44.30 2.36 0.00	44.10 2.26 0.02

NARROWS_GT1_6 24233	30.18 1.40 -2.42	27.51 1.43 0.00	24.92 1.31 0.00	17.85 1.00 0.00	15.86 0.84 0.00	25.62 1.05 0.00	28.65 0.95 0.00	29.11 1.13 0.00	30.81 1.43 0.00	38.68 1.73 1.52	36.62 2.24 0.49	38.98 2.48 0.02	37.19 2.62 0.00	41.54 2.92 0.00	41.69 2.86 0.00	43.49 2.86 0.00	154.67 9.52 0.00	51.06 3.30 0.00	49.64 3.09 0.00	52.63 3.06 0.00	48.19 2.42 0.00	52.55 2.53 0.07	44.30 2.36 0.00	44.10 2.26 0.02
NARROWS_GT1_7 24234	30.18 1.40 -2.42	27.51 1.43 0.00	24.92 1.31 0.00	17.85 1.00 0.00	15.86 0.84 0.00	25.62 1.05 0.00	28.65 0.95 0.00	29.11 1.13 0.00	30.81 1.43 0.00	38.68 1.73 1.52	36.62 2.24 0.49	38.98 2.48 0.02	37.19 2.62 0.00	41.54 2.92 0.00	41.69 2.86 0.00	43.49 2.86 0.00	154.67 9.52 0.00	51.06 3.30 0.00	49.64 3.09 0.00	52.63 3.06 0.00	48.19 2.42 0.00	52.55 2.53 0.07	44.30 2.36 0.00	44.10 2.26 0.02
NARROWS_GT1_8 24235	30.18 1.40 -2.42	27.51 1.43 0.00	24.92 1.31 0.00	17.85 1.00 0.00	15.86 0.84 0.00	25.62 1.05 0.00	28.65 0.95 0.00	29.11 1.13 0.00	30.81 1.43 0.00	38.68 1.73 1.52	36.62 2.24 0.49	38.98 2.48 0.02	37.19 2.62 0.00	41.54 2.92 0.00	41.69 2.86 0.00	43.49 2.86 0.00	154.67 9.52 0.00	51.06 3.30 0.00	49.64 3.09 0.00	52.63 3.06 0.00	48.19 2.42 0.00	52.55 2.53 0.07	44.30 2.36 0.00	44.10 2.26 0.02
NARROWS_GT2_1 24236	30.18 1.40 -2.42	27.51 1.43 0.00	24.92 1.31 0.00	17.85 1.00 0.00	15.86 0.84 0.00	25.62 1.05 0.00	28.65 0.95 0.00	29.11 1.13 0.00	30.81 1.43 0.00	38.68 1.73 1.52	36.62 2.24 0.49	38.98 2.48 0.02	37.19 2.62 0.00	41.54 2.92 0.00	41.69 2.86 0.00	43.49 2.86 0.00	154.67 9.52 0.00	51.06 3.30 0.00	49.64 3.09 0.00	52.63 3.06 0.00	48.19 2.42 0.00	52.55 2.53 0.07	44.30 2.36 0.00	44.10 2.26 0.02
NARROWS_GT2_2 24237	30.18 1.40 -2.42	27.51 1.43 0.00	24.92 1.31 0.00	17.85 1.00 0.00	15.86 0.84 0.00	25.62 1.05 0.00	28.65 0.95 0.00	29.11 1.13 0.00	30.81 1.43 0.00	38.68 1.73 1.52	36.62 2.24 0.49	38.98 2.48 0.02	37.19 2.62 0.00	41.54 2.92 0.00	41.69 2.86 0.00	43.49 2.86 0.00	154.67 9.52 0.00	51.06 3.30 0.00	49.64 3.09 0.00	52.63 3.06 0.00	48.19 2.42 0.00	52.55 2.53 0.07	44.30 2.36 0.00	44.10 2.26 0.02
NARROWS_GT2_3 24238	30.18 1.40 -2.42	27.51 1.43 0.00	24.92 1.31 0.00	17.85 1.00 0.00	15.86 0.84 0.00	25.62 1.05 0.00	28.65 0.95 0.00	29.11 1.13 0.00	30.81 1.43 0.00	38.68 1.73 1.52	36.62 2.24 0.49	38.98 2.48 0.02	37.19 2.62 0.00	41.54 2.92 0.00	41.69 2.86 0.00	43.49 2.86 0.00	154.67 9.52 0.00	51.06 3.30 0.00	49.64 3.09 0.00	52.63 3.06 0.00	48.19 2.42 0.00	52.55 2.53 0.07	44.30 2.36 0.00	44.10 2.26 0.02
NARROWS_GT2_4 24239	30.18 1.40 -2.42	27.51 1.43 0.00	24.92 1.31 0.00	17.85 1.00 0.00	15.86 0.84 0.00	25.62 1.05 0.00	28.65 0.95 0.00	29.11 1.13 0.00	30.81 1.43 0.00	38.68 1.73 1.52	36.62 2.24 0.49	38.98 2.48 0.02	37.19 2.62 0.00	41.54 2.92 0.00	41.69 2.86 0.00	43.49 2.86 0.00	154.67 9.52 0.00	51.06 3.30 0.00	49.64 3.09 0.00	52.63 3.06 0.00	48.19 2.42 0.00	52.55 2.53 0.07	44.30 2.36 0.00	44.10 2.26 0.02
NARROWS_GT2_5 24240	30.18 1.40 -2.42	27.51 1.43 0.00	24.92 1.31 0.00	17.85 1.00 0.00	15.86 0.84 0.00	25.62 1.05 0.00	28.65 0.95 0.00	29.11 1.13 0.00	30.81 1.43 0.00	38.68 1.73 1.52	36.62 2.24 0.49	38.98 2.48 0.02	37.19 2.62 0.00	41.54 2.92 0.00	41.69 2.86 0.00	43.49 2.86 0.00	154.67 9.52 0.00	51.06 3.30 0.00	49.64 3.09 0.00	52.63 3.06 0.00	48.19 2.42 0.00	52.55 2.53 0.07	44.30 2.36 0.00	44.10 2.26 0.02
NARROWS_GT2_6 24241	30.18 1.40 -2.42	27.51 1.43 0.00	24.92 1.31 0.00	17.85 1.00 0.00	15.86 0.84 0.00	25.62 1.05 0.00	28.65 0.95 0.00	29.11 1.13 0.00	30.81 1.43 0.00	38.68 1.73 1.52	36.62 2.24 0.49	38.98 2.48 0.02	37.19 2.62 0.00	41.54 2.92 0.00	41.69 2.86 0.00	43.49 2.86 0.00	154.67 9.52 0.00	51.06 3.30 0.00	49.64 3.09 0.00	52.63 3.06 0.00	48.19 2.42 0.00	52.55 2.53 0.07	44.30 2.36 0.00	44.10 2.26 0.02
NARROWS_GT2_7 24242	30.18 1.40 -2.42	27.51 1.43 0.00	24.92 1.31 0.00	17.85 1.00 0.00	15.86 0.84 0.00	25.62 1.05 0.00	28.65 0.95 0.00	29.11 1.13 0.00	30.81 1.43 0.00	38.68 1.73 1.52	36.62 2.24 0.49	38.98 2.48 0.02	37.19 2.62 0.00	41.54 2.92 0.00	41.69 2.86 0.00	43.49 2.86 0.00	154.67 9.52 0.00	51.06 3.30 0.00	49.64 3.09 0.00	52.63 3.06 0.00	48.19 2.42 0.00	52.55 2.53 0.07	44.30 2.36 0.00	44.10 2.26 0.02
NARROWS_GT2_8 24243	30.18 1.40 -2.42	27.51 1.43 0.00	24.92 1.31 0.00	17.85 1.00 0.00	15.86 0.84 0.00	25.62 1.05 0.00	28.65 0.95 0.00	29.11 1.13 0.00	30.81 1.43 0.00	38.68 1.73 1.52	36.62 2.24 0.49	38.98 2.48 0.02	37.19 2.62 0.00	41.54 2.92 0.00	41.69 2.86 0.00	43.49 2.86 0.00	154.67 9.52 0.00	51.06 3.30 0.00	49.64 3.09 0.00	52.63 3.06 0.00	48.19 2.42 0.00	52.55 2.53 0.07	44.30 2.36 0.00	44.10 2.26 0.02
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	27.63 1.02 -0.24	27.23 1.15 0.00	24.66 1.05 0.00	17.63 0.78 0.00	15.70 0.68 0.00	25.51 0.93 0.00	28.56 0.85 0.00	28.78 0.79 0.00	30.05 0.68 0.00	37.41 0.52 1.58	35.09 0.73 0.51	37.38 0.88 0.03	35.37 0.80 0.00	39.41 0.79 0.00	39.80 0.97 0.00	41.64 1.01 0.00	148.80 3.65 0.00	48.98 1.22 0.00	48.30 1.74 0.00	51.58 2.02 0.00	47.61 1.84 0.00	51.95 1.93 0.06	43.41 1.47 0.00	43.15 1.31 0.02
NCHELSEA_115KV_TR2 355582	30.50 1.56 -2.58	27.65 1.57 0.00	25.06 1.44 0.00	17.93 1.08 0.00	15.95 0.93 0.00	25.82 1.24 0.00	28.88 1.18 0.00	29.26 1.28 0.00	30.84 1.46 0.00	38.73 1.78 1.52	36.59 2.20 0.49	39.00 2.50 0.02	37.16 2.59 0.00	41.59 2.97 0.00	41.87 3.04 0.00	43.80 3.17 0.00	156.44 11.29 0.00	51.59 3.84 0.00	50.27 3.71 0.00	53.19 3.63 0.00	48.78 3.01 0.00	53.15 3.13 0.07	44.56 2.62 0.00	44.32 2.49 0.02
NEG CAPITAL___MECHNVIL 23645	117.39 1.49 -89.54	27.63 1.55 0.00	25.04 1.42 0.00	17.86 1.01 0.00	15.91 0.89 0.00	25.86 1.29 0.00	28.92 1.22 0.00	29.08 1.10 0.00	30.46 1.09 0.00	37.89 1.06 1.64	35.65 1.30 0.53	38.01 1.51 0.03	36.05 1.48 0.00	40.31 1.69 0.00	40.62 1.79 0.00	42.51 1.88 0.00	151.54 6.39 0.00	49.80 2.05 0.00	48.85 2.30 0.00	52.06 2.50 0.00	47.89 2.11 0.00	52.33 2.31 0.06	43.84 1.90 0.00	43.84 2.00 0.02
NEG CENTRAL_HIGH_ACRES 23767	25.24 -0.42 0.69	25.54 -0.54 0.00	23.17 -0.45 0.00	16.50 -0.35 0.00	14.72 -0.30 0.00	24.12 -0.46 0.00	26.98 -0.72 0.00	27.35 -0.63 0.00	28.77 -0.61 0.00	36.52 -0.63 1.32	33.95 -0.49 0.43	35.99 -0.52 0.02	33.93 -0.65 0.00	37.63 -0.99 0.00	37.63 -1.20 0.00	39.38 -1.25 0.00	140.89 -4.25 0.00	46.50 -1.26 0.00	45.31 -1.25 0.00	48.08 -1.48 0.00	44.71 -1.06 0.00	49.08 -1.10 -0.10	40.89 -1.06 0.00	40.98 -0.91 -0.03

NEG CENTRAL___DRP 24199	26.58 0.22 0.00	26.20 0.12 0.00	23.77 0.15 0.00	16.96 0.11 0.00	15.12 0.10 0.00	24.72 0.14 0.00	27.78 0.08 0.00	28.15 0.17 0.00	29.55 0.17 0.00	37.79 0.15 0.82	34.76 0.15 0.27	36.73 0.22 0.01	34.83 0.26 0.00	38.63 0.01 0.00	38.73 -0.10 0.00	40.35 -0.28 0.00	144.28 -0.86 0.00	47.80 0.05 0.00	46.66 0.10 0.00	49.49 -0.07 0.00	45.83 0.06 0.00	50.35 0.02 -0.24	41.83 -0.11 0.00	41.91 -0.02 -0.07
NEG CENTRAL___INDECK 23768	26.74 0.38 0.00	26.45 0.37 0.00	24.01 0.39 0.00	17.07 0.22 0.00	15.25 0.22 0.00	25.10 0.52 0.00	28.19 0.49 0.00	28.52 0.54 0.00	29.90 0.52 0.00	37.54 0.68 1.61	34.88 0.53 0.52	36.87 0.37 0.03	34.17 -0.40 0.00	37.63 -0.99 0.00	37.77 -1.06 0.00	39.74 -0.89 0.00	143.25 -1.90 0.00	47.15 -0.61 0.00	46.12 -0.44 0.00	49.09 -0.47 0.00	45.95 0.17 0.00	50.41 0.33 0.00	42.01 0.07 0.00	42.95 1.09 0.00
NEG CENTRAL___SENECA 23627	26.73 0.37 0.00	26.32 0.23 0.00	23.90 0.28 0.00	17.04 0.19 0.00	15.19 0.16 0.00	24.88 0.30 0.00	27.97 0.27 0.00	28.43 0.45 0.00	29.89 0.51 0.00	37.94 0.60 1.12	35.05 0.54 0.37	37.09 0.58 0.02	35.10 0.53 0.00	38.78 0.16 0.00	38.87 0.04 0.00	40.41 -0.22 0.00	144.63 -0.52 0.00	47.95 0.19 0.00	46.82 0.26 0.00	49.62 0.06 0.00	46.03 0.26 0.00	50.47 0.28 -0.11	42.01 0.07 0.00	42.13 0.24 -0.03
NEG CENTRAL___STATE_STREET 24147	26.59 0.23 0.00	26.22 0.14 0.00	23.77 0.15 0.00	16.99 0.14 0.00	15.16 0.14 0.00	24.68 0.10 0.00	27.76 0.06 0.00	28.04 0.06 0.00	29.33 -0.04 0.00	37.57 -0.19 0.72	34.53 -0.12 0.23	36.57 0.05 0.01	34.62 0.05 0.00	38.57 -0.05 0.00	38.73 -0.10 0.00	40.56 -0.07 0.00	145.02 -0.12 0.00	48.05 0.29 0.00	46.89 0.33 0.00	49.87 0.31 0.00	46.03 0.26 0.00	50.61 0.23 -0.30	42.01 0.07 0.00	42.03 0.09 -0.08
NEG MILLWOOD___DRP 24198	30.45 1.56 -2.53	27.66 1.58 0.00	25.07 1.45 0.00	17.95 1.10 0.00	15.96 0.93 0.00	25.83 1.25 0.00	28.90 1.19 0.00	29.29 1.31 0.00	30.90 1.52 0.00	38.80 1.85 1.52	36.66 2.28 0.49	39.08 2.57 0.02	37.25 2.68 0.00	41.65 3.03 0.00	41.96 3.13 0.00	43.89 3.25 0.00	156.63 11.48 0.00	51.63 3.87 0.00	50.30 3.74 0.00	53.21 3.64 0.00	48.76 2.99 0.00	53.12 3.11 0.07	44.55 2.61 0.00	44.32 2.48 0.02
NEG NORTH_FLCN_SEA 23793	26.44 0.08 0.00	26.03 -0.05 0.00	23.58 -0.03 0.00	16.76 -0.09 0.00	14.94 -0.09 0.00	24.55 -0.03 0.00	27.91 0.21 0.00	28.37 0.39 0.00	29.71 0.33 0.00	38.42 0.58 0.62	35.06 0.39 0.20	36.71 0.19 0.01	34.41 -0.16 0.00	38.62 -0.01 0.00	38.93 0.10 0.00	41.02 0.39 0.00	146.87 1.73 0.00	48.33 0.57 0.00	47.22 0.67 0.00	50.60 1.04 0.00	47.02 1.25 0.00	51.63 1.56 0.00	43.26 1.32 0.00	43.06 1.20 0.00
NEG NORTH_KES_CHATEGAY 23792	26.17 -0.19 0.00	25.84 -0.24 0.00	23.39 -0.23 0.00	16.62 -0.23 0.00	14.82 -0.20 0.00	24.39 -0.19 0.00	27.72 0.02 0.00	28.11 0.13 0.00	29.41 0.03 0.00	38.05 0.21 0.62	34.63 -0.04 0.20	36.25 -0.27 0.01	34.04 -0.53 0.00	38.20 -0.42 0.00	38.49 -0.34 0.00	40.49 -0.14 0.00	145.29 0.14 0.00	47.82 0.06 0.00	46.70 0.15 0.00	50.07 0.51 0.00	46.52 0.74 0.00	51.07 0.99 0.00	42.73 0.79 0.00	42.58 0.72 0.00
NEG NORTH___ALICE_FALLS 23915	26.36 0.00 0.00	25.97 -0.11 0.00	23.51 -0.11 0.00	16.70 -0.15 0.00	14.89 -0.13 0.00	24.51 -0.07 0.00	27.87 0.17 0.00	28.33 0.35 0.00	29.53 0.15 0.00	38.12 0.27 0.62	34.64 -0.03 0.20	36.31 -0.21 0.01	34.09 -0.48 0.00	38.23 -0.39 0.00	38.53 -0.29 0.00	40.54 -0.09 0.00	146.38 1.24 0.00	48.17 0.41 0.00	47.04 0.48 0.00	50.55 0.98 0.00	47.02 1.24 0.00	51.64 1.56 0.00	43.17 1.23 0.00	42.91 1.06 0.00
NEG NORTH___LWR_SARANAC 23913	26.36 0.00 0.00	25.97 -0.11 0.00	23.51 -0.11 0.00	16.70 -0.15 0.00	14.89 -0.13 0.00	24.51 -0.07 0.00	27.87 0.17 0.00	28.33 0.35 0.00	29.53 0.15 0.00	38.12 0.27 0.62	34.64 -0.03 0.20	36.31 -0.21 0.01	34.09 -0.48 0.00	38.23 -0.39 0.00	38.53 -0.29 0.00	40.54 -0.09 0.00	146.38 1.24 0.00	48.17 0.41 0.00	47.04 0.48 0.00	50.55 0.98 0.00	47.02 1.24 0.00	51.64 1.56 0.00	43.17 1.23 0.00	42.91 1.06 0.00
NEG NORTH___PLATTSBURG 23628	26.36 0.00 0.00	25.97 -0.11 0.00	23.51 -0.10 0.00	16.70 -0.15 0.00	14.89 -0.13 0.00	24.51 -0.07 0.00	27.87 0.17 0.00	28.33 0.34 0.00	29.53 0.15 0.00	38.12 0.27 0.62	34.64 -0.03 0.20	36.31 -0.21 0.01	34.10 -0.48 0.00	38.23 -0.39 0.00	38.54 -0.29 0.00	40.54 -0.09 0.00	146.38 1.23 0.00	48.17 0.41 0.00	47.04 0.48 0.00	50.54 0.98 0.00	47.02 1.24 0.00	51.64 1.56 0.00	43.17 1.23 0.00	42.91 1.06 0.00
NEG WEST_LEA_LOCKPORT 23791	25.78 -0.58 0.00	25.33 -0.75 0.00	23.06 -0.56 0.00	16.40 -0.45 0.00	14.68 -0.34 0.00	24.20 -0.38 0.00	26.95 -0.75 0.00	27.33 -0.65 0.00	28.84 -0.53 0.00	36.75 -0.15 1.57	34.12 -0.25 0.51	36.23 -0.27 0.03	33.93 -0.64 0.00	37.23 -1.39 0.00	37.00 -1.83 0.00	38.68 -1.95 0.00	138.32 -6.82 0.00	45.49 -2.27 0.00	44.38 -2.17 0.00	47.12 -2.44 0.00	44.29 -1.48 0.00	48.88 -1.20 0.00	40.84 -1.10 0.00	41.40 -0.46 0.00
NEG WEST___LANCASTR 23811	26.33 -0.03 0.00	25.87 -0.21 0.00	23.55 -0.07 0.00	16.77 -0.08 0.00	14.96 -0.06 0.00	24.61 0.04 0.00	27.45 -0.25 0.00	27.98 0.00 0.00	29.59 0.22 0.00	37.62 0.82 1.67	34.96 0.62 0.54	37.15 0.65 0.03	34.88 0.31 0.00	38.40 -0.23 0.00	38.18 -0.65 0.00	39.88 -0.75 0.00	142.55 -2.59 0.00	46.84 -0.92 0.00	45.64 -0.91 0.00	48.40 -1.17 0.00	45.29 -0.48 0.00	49.95 -0.07 0.05	41.66 -0.28 0.00	42.12 0.27 0.01
NEG_PENN_ALLEGHNY 23528	26.59 0.23 0.00	26.26 0.18 0.00	23.83 0.21 0.00	17.03 0.18 0.00	15.18 0.15 0.00	24.75 0.18 0.00	27.72 0.02 0.00	28.15 0.17 0.00	29.67 0.30 0.00	36.64 0.36 2.18	34.65 0.48 0.71	37.09 0.60 0.03	35.18 0.61 0.00	39.16 0.54 0.00	39.28 0.45 0.00	41.01 0.37 0.00	146.78 1.64 0.00	48.29 0.53 0.00	47.14 0.59 0.00	49.99 0.42 0.00	46.19 0.42 0.00	50.18 0.38 0.27	42.16 0.22 0.00	42.15 0.37 0.08
NEG___GEN_MONROE 24207	26.72 0.36 0.00	26.24 0.16 0.00	23.82 0.20 0.00	16.94 0.09 0.00	15.12 0.09 0.00	24.84 0.26 0.00	27.75 0.04 0.00	28.17 0.19 0.00	29.60 0.22 0.00	37.61 0.57 1.43	34.89 0.48 0.46	36.92 0.42 0.02	34.71 0.13 0.00	38.39 -0.24 0.00	38.28 -0.55 0.00	40.05 -0.58 0.00	143.41 -1.73 0.00	47.35 -0.41 0.00	46.19 -0.36 0.00	49.01 -0.55 0.00	45.73 -0.04 0.00	50.28 0.15 -0.06	41.90 -0.04 0.00	42.16 0.28 -0.02
NEPA___ENERGY 23901	26.15 -0.21 0.00	25.71 -0.37 0.00	23.45 -0.16 0.00	16.77 -0.08 0.00	14.93 -0.09 0.00	24.55 -0.02 0.00	27.43 -0.27 0.00	28.00 0.02 0.00	29.72 0.34 0.00	37.63 0.83 1.67	35.04 0.71 0.54	37.30 0.80 0.03	35.15 0.57 0.00	38.76 0.14 0.00	38.58 -0.25 0.00	40.10 -0.54 0.00	143.48 -1.66 0.00	47.01 -0.75 0.00	45.89 -0.67 0.00	48.60 -0.96 0.00	45.40 -0.38 0.00	49.96 -0.07 0.05	41.68 -0.26 0.00	42.16 0.31 0.01

NEVERSINK___HYD 23608	30.00 1.07 -2.57	27.13 1.05 0.00	24.57 0.96 0.00	17.58 0.73 0.00	15.64 0.62 0.00	25.35 0.77 0.00	28.42 0.71 0.00	28.78 0.80 0.00	30.28 0.91 0.00	38.04 1.04 1.47	35.80 1.41 0.48	38.10 1.59 0.02	36.30 1.73 0.00	40.68 2.06 0.00	40.94 2.11 0.00	42.85 2.22 0.00	153.43 8.29 0.00	50.64 2.88 0.00	49.42 2.86 0.00	52.32 2.76 0.00	48.08 2.31 0.00	52.39 2.39 0.07	43.90 1.96 0.00	43.62 1.78 0.02
NEWKRMKL_115KV_TB1 55635	29.00 0.36 -2.28	26.54 0.45 0.00	24.06 0.45 0.00	17.21 0.36 0.00	15.31 0.29 0.00	24.85 0.27 0.00	27.77 0.07 0.00	28.04 0.06 0.00	29.38 0.01 0.00	36.68 -0.18 1.61	34.54 0.18 0.52	36.83 0.32 0.03	34.85 0.27 0.00	38.88 0.26 0.00	39.10 0.27 0.00	40.83 0.20 0.00	147.01 1.86 0.00	48.08 0.32 0.00	47.19 0.63 0.00	50.07 0.51 0.00	46.09 0.32 0.00	50.27 0.24 0.06	42.16 0.22 0.00	41.93 0.09 0.02
NEWTON___FALLS_HYD 23847	25.55 -0.01 0.80	26.10 0.02 0.00	23.54 -0.07 0.00	16.76 -0.09 0.00	14.97 -0.06 0.00	24.53 -0.05 0.00	27.87 0.16 0.00	27.96 -0.02 0.00	29.22 -0.15 0.00	36.77 -0.68 1.02	33.79 -0.75 0.33	35.60 -0.91 0.02	33.37 -1.20 0.00	37.36 -1.26 0.00	37.99 -0.84 0.00	40.06 -0.58 0.00	143.96 -1.19 0.00	47.50 -0.26 0.00	46.93 0.38 0.00	50.38 0.82 0.00	46.73 0.96 0.00	51.40 1.21 -0.11	42.77 0.83 0.00	42.54 0.65 -0.03
NGRID_A1_DSASP 323792	25.21 -1.15 0.00	24.77 -1.32 0.00	22.54 -1.08 0.00	16.03 -0.82 0.00	14.32 -0.70 0.00	23.59 -0.99 0.00	26.23 -1.47 0.00	26.64 -1.34 0.00	28.14 -1.24 0.00	35.84 -1.04 1.59	33.36 -1.01 0.51	35.44 -1.06 0.03	33.20 -1.37 0.00	36.39 -2.24 0.00	36.09 -2.75 0.00	37.72 -2.91 0.00	134.54 -10.60 0.00	44.24 -3.52 0.00	43.15 -3.40 0.00	45.80 -3.76 0.00	43.12 -2.65 0.00	47.63 -2.45 0.00	39.83 -2.11 0.00	40.33 -1.53 0.00
NGRID_A2_DSASP 323793	25.21 -1.15 0.00	24.77 -1.32 0.00	22.54 -1.08 0.00	16.03 -0.82 0.00	14.32 -0.70 0.00	23.59 -0.99 0.00	26.23 -1.47 0.00	26.64 -1.34 0.00	28.14 -1.24 0.00	35.84 -1.04 1.59	33.36 -1.01 0.51	35.44 -1.06 0.03	33.20 -1.37 0.00	36.39 -2.24 0.00	36.09 -2.75 0.00	37.72 -2.91 0.00	134.54 -10.60 0.00	44.24 -3.52 0.00	43.15 -3.40 0.00	45.80 -3.76 0.00	43.12 -2.65 0.00	47.63 -2.45 0.00	39.83 -2.11 0.00	40.33 -1.53 0.00
NGRID_A4_DSASP 323807	25.21 -1.15 0.00	24.77 -1.32 0.00	22.54 -1.08 0.00	16.03 -0.82 0.00	14.32 -0.70 0.00	23.59 -0.99 0.00	26.23 -1.47 0.00	26.64 -1.34 0.00	28.14 -1.24 0.00	35.84 -1.04 1.59	33.36 -1.01 0.51	35.44 -1.06 0.03	33.20 -1.37 0.00	36.39 -2.24 0.00	36.09 -2.75 0.00	37.72 -2.91 0.00	134.54 -10.60 0.00	44.24 -3.52 0.00	43.15 -3.40 0.00	45.80 -3.76 0.00	43.12 -2.65 0.00	47.63 -2.45 0.00	39.83 -2.11 0.00	40.33 -1.53 0.00
NIAGARA_115E_LBMP 323715	25.44 -0.93 0.00	25.01 -1.07 0.00	22.78 -0.84 0.00	16.20 -0.65 0.00	14.53 -0.50 0.00	23.96 -0.62 0.00	26.65 -1.05 0.00	26.95 -1.03 0.00	28.42 -0.95 0.00	36.24 -0.64 1.58	33.68 -0.69 0.51	35.76 -0.74 0.03	33.51 -1.07 0.00	36.73 -1.89 0.00	36.45 -2.38 0.00	38.10 -2.53 0.00	136.08 -9.07 0.00	44.75 -3.01 0.00	43.67 -2.89 0.00	46.36 -3.20 0.00	43.61 -2.16 0.00	48.15 -1.93 0.00	40.28 -1.66 0.00	40.95 -0.91 0.00
NIAGARA_115W_LBMP 323714	25.14 -1.22 0.00	24.70 -1.38 0.00	22.49 -1.13 0.00	16.00 -0.85 0.00	14.29 -0.74 0.00	23.52 -1.05 0.00	26.16 -1.55 0.00	26.57 -1.41 0.00	28.07 -1.31 0.00	35.75 -1.13 1.59	33.26 -1.10 0.51	35.35 -1.16 0.03	33.12 -1.46 0.00	36.29 -2.33 0.00	35.99 -2.84 0.00	37.61 -3.02 0.00	134.12 -11.03 0.00	44.10 -3.66 0.00	43.02 -3.54 0.00	45.67 -3.89 0.00	43.01 -2.76 0.00	47.48 -2.60 0.00	39.74 -2.21 0.00	40.21 -1.64 0.00
NIAGARA_230_LBMP 323716	25.51 -0.85 0.00	25.06 -1.02 0.00	22.82 -0.80 0.00	16.24 -0.62 0.00	14.51 -0.52 0.00	23.89 -0.68 0.00	26.58 -1.12 0.00	26.98 -1.00 0.00	28.49 -0.88 0.00	36.27 -0.61 1.58	33.74 -0.62 0.51	35.85 -0.66 0.03	33.59 -0.99 0.00	36.85 -1.77 0.00	36.56 -2.27 0.00	38.22 -2.41 0.00	136.58 -8.57 0.00	44.92 -2.84 0.00	43.82 -2.74 0.00	46.53 -3.04 0.00	43.69 -2.08 0.00	48.19 -1.88 0.00	40.30 -1.65 0.00	40.79 -1.07 0.00
NIAGARA___115KV_198_GIBSON 55903	25.14 -1.22 0.00	24.70 -1.38 0.00	22.49 -1.13 0.00	16.00 -0.85 0.00	14.29 -0.74 0.00	23.52 -1.05 0.00	26.16 -1.55 0.00	26.57 -1.41 0.00	28.07 -1.31 0.00	35.75 -1.14 1.59	33.24 -1.12 0.51	35.35 -1.16 0.03	33.10 -1.48 0.00	36.28 -2.34 0.00	35.98 -2.84 0.00	37.63 -3.00 0.00	134.14 -11.01 0.00	44.11 -3.65 0.00	43.03 -3.53 0.00	45.68 -3.89 0.00	43.02 -2.76 0.00	47.50 -2.58 0.00	39.75 -2.20 0.00	40.21 -1.65 0.00
NIAGARA____ 23760	25.51 -0.85 0.00	25.06 -1.02 0.00	22.82 -0.80 0.00	16.24 -0.62 0.00	14.51 -0.52 0.00	23.89 -0.68 0.00	26.58 -1.12 0.00	26.98 -1.00 0.00	28.49 -0.88 0.00	36.27 -0.61 1.58	33.74 -0.62 0.51	35.85 -0.66 0.03	33.59 -0.99 0.00	36.85 -1.77 0.00	36.56 -2.27 0.00	38.22 -2.41 0.00	136.58 -8.57 0.00	44.92 -2.84 0.00	43.82 -2.74 0.00	46.53 -3.04 0.00	43.69 -2.08 0.00	48.19 -1.88 0.00	40.30 -1.65 0.00	40.79 -1.07 0.00
NINE_MILE_1 23575	24.99 -0.59 0.79	25.50 -0.59 0.00	23.11 -0.51 0.00	16.50 -0.35 0.00	14.71 -0.32 0.00	23.99 -0.59 0.00	26.88 -0.82 0.00	27.09 -0.89 0.00	28.45 -0.92 0.00	31.36 -1.26 5.85	31.91 -1.06 1.90	35.37 -1.06 0.09	33.57 -1.01 0.00	37.40 -1.23 0.00	37.58 -1.25 0.00	39.33 -1.30 0.00	140.34 -4.81 0.00	46.32 -1.44 0.00	45.19 -1.36 0.00	48.04 -1.52 0.00	44.40 -1.37 0.00	46.74 -1.59 1.75	40.61 -1.33 0.00	40.05 -1.32 0.49
NINE_MILE_2 23744	24.99 -0.59 0.79	25.50 -0.59 0.00	23.11 -0.51 0.00	16.50 -0.35 0.00	14.71 -0.32 0.00	23.99 -0.59 0.00	26.88 -0.82 0.00	27.09 -0.89 0.00	28.45 -0.92 0.00	31.34 -1.26 5.87	31.91 -1.06 1.91	35.37 -1.06 0.10	33.57 -1.01 0.00	37.40 -1.23 0.00	37.58 -1.25 0.00	39.33 -1.30 0.00	140.34 -4.81 0.00	46.31 -1.44 0.00	45.19 -1.36 0.00	48.04 -1.53 0.00	44.40 -1.37 0.00	46.73 -1.59 1.76	40.61 -1.33 0.00	40.05 -1.32 0.49
NM_CAPITAL___DRP 24208	23.89 0.39 2.86	26.57 0.49 0.00	24.10 0.48 0.00	17.23 0.38 0.00	15.33 0.31 0.00	24.87 0.30 0.00	27.77 0.07 0.00	28.03 0.05 0.00	29.40 0.03 0.00	36.69 -0.16 1.61	34.55 0.20 0.52	36.84 0.34 0.03	34.87 0.30 0.00	38.91 0.29 0.00	39.15 0.32 0.00	40.85 0.22 0.00	146.59 1.44 0.00	47.83 0.07 0.00	47.06 0.50 0.00	49.96 0.40 0.00	45.99 0.22 0.00	50.17 0.14 0.06	42.09 0.15 0.00	41.94 0.09 0.02
NM_CENTRAL___DRP 24181	25.71 0.07 0.72	26.12 0.04 0.00	23.67 0.05 0.00	16.89 0.05 0.00	15.05 0.03 0.00	24.56 -0.02 0.00	27.52 -0.18 0.00	27.78 -0.19 0.00	29.21 -0.17 0.00	36.68 -0.29 1.50	34.26 -0.13 0.49	36.49 -0.02 0.02	34.58 0.01 0.00	38.55 -0.07 0.00	38.76 -0.07 0.00	40.56 -0.07 0.00	144.88 -0.26 0.00	47.86 0.10 0.00	46.70 0.15 0.00	49.54 -0.03 0.00	45.75 -0.03 0.00	49.91 -0.17 0.00	41.72 -0.22 0.00	41.62 -0.23 0.00

NM_FRONTIER___DRP 24179	25.14 -1.22 0.00	24.70 -1.38 0.00	22.49 -1.13 0.00	16.00 -0.85 0.00	14.29 -0.74 0.00	23.52 -1.05 0.00	26.16 -1.55 0.00	26.57 -1.41 0.00	28.07 -1.31 0.00	35.75 -1.14 1.59	33.24 -1.12 0.51	35.35 -1.16 0.03	33.10 -1.48 0.00	36.28 -2.34 0.00	35.98 -2.84 0.00	37.63 -3.00 0.00	134.14 -11.01 0.00	44.11 -3.65 0.00	43.03 -3.53 0.00	45.68 -3.89 0.00	43.02 -2.76 0.00	47.50 -2.58 0.00	39.75 -2.20 0.00	40.21 -1.65 0.00
NM_ST_REGIS___HYD 24053	26.46 0.10 0.00	26.11 0.03 0.00	23.61 -0.01 0.00	16.77 -0.08 0.00	14.96 -0.06 0.00	24.63 0.05 0.00	28.04 0.34 0.00	28.41 0.43 0.00	29.64 0.27 0.00	38.41 0.57 0.62	34.96 0.29 0.20	36.55 0.03 0.01	34.32 -0.26 0.00	38.47 -0.15 0.00	38.85 0.02 0.00	40.97 0.34 0.00	147.02 1.87 0.00	48.63 0.88 0.00	47.49 0.93 0.00	50.77 1.21 0.00	47.24 1.47 0.00	51.86 1.78 0.00	43.34 1.40 0.00	43.05 1.20 0.00
NORTHPORT___1 23551	29.87 1.10 -2.42	27.44 1.36 0.00	24.79 1.17 0.00	17.79 0.94 0.00	15.79 0.77 0.00	25.54 0.96 0.00	28.51 0.82 0.00	29.13 1.16 0.00	27.27 1.11 3.22	38.02 1.51 1.96	38.31 2.25 -1.18	38.68 2.21 0.06	35.41 2.20 1.37	14.06 1.99 26.56	35.55 1.79 5.07	39.80 1.82 2.65	10.01 4.47 139.61	23.11 1.67 26.31	11.13 1.62 37.05	21.02 1.30 29.84	18.07 0.76 28.47	20.48 0.87 30.47	22.20 0.95 20.69	41.47 0.98 1.36
NORTHPORT___2 23552	29.87 1.10 -2.42	27.44 1.36 0.00	24.79 1.17 0.00	17.79 0.94 0.00	15.79 0.77 0.00	25.54 0.96 0.00	28.51 0.82 0.00	29.13 1.16 0.00	27.27 1.11 3.22	38.02 1.51 1.96	38.31 2.25 -1.18	38.68 2.21 0.06	35.42 2.21 1.37	38.50 2.02 2.14	40.57 1.74 0.00	42.31 1.74 0.06	44.96 4.13 104.32	24.07 1.62 25.30	11.13 1.62 37.05	21.02 1.30 29.84	18.07 0.76 28.47	20.48 0.87 30.47	22.20 0.95 20.69	41.47 0.98 1.36
NORTHPORT___3 23553	29.77 1.00 -2.42	27.32 1.24 0.00	24.70 1.08 0.00	17.72 0.86 0.00	15.73 0.70 0.00	25.42 0.85 0.00	28.41 0.71 0.01	28.96 0.98 0.01	27.06 0.98 3.29	37.78 1.31 2.00	38.11 2.08 -1.16	38.54 2.08 0.08	35.24 2.08 1.41	38.30 1.86 2.18	40.50 1.67 0.00	42.27 1.70 0.06	45.43 4.05 103.76	24.43 1.68 25.01	11.48 1.58 36.65	21.11 1.23 29.68	18.35 0.77 28.19	20.61 0.83 30.30	22.31 0.95 20.57	41.49 0.99 1.35
NORTHPORT___4 23650	29.77 1.00 -2.42	27.32 1.24 0.00	24.70 1.08 0.00	17.72 0.86 0.00	15.73 0.70 0.00	25.42 0.85 0.00	28.41 0.71 0.01	28.96 0.98 0.01	27.06 0.98 3.29	37.78 1.31 2.00	38.11 2.08 -1.16	38.54 2.08 0.08	35.24 2.08 1.41	38.30 1.86 2.18	40.50 1.67 0.00	42.27 1.70 0.06	45.43 4.05 103.76	24.43 1.68 25.01	11.48 1.58 36.65	21.11 1.23 29.68	18.35 0.77 28.19	20.61 0.83 30.30	22.31 0.95 20.57	41.49 0.99 1.35
NORTHPORT___IC 23718	29.87 1.09 -2.42	27.44 1.36 0.00	24.79 1.17 0.00	17.79 0.94 0.00	15.80 0.77 0.00	25.54 0.96 0.00	28.51 0.82 0.00	29.13 1.16 0.00	27.27 1.11 3.22	38.02 1.51 1.96	38.30 2.24 -1.18	38.68 2.21 0.06	35.41 2.20 1.37	14.07 2.01 26.56	35.55 1.79 5.07	39.79 1.81 2.65	10.02 4.49 139.61	23.11 1.67 26.31	11.13 1.62 37.05	21.02 1.30 29.84	18.07 0.76 28.47	20.47 0.86 30.47	22.20 0.95 20.69	41.48 0.98 1.36
NORTH___COUNTRY_ESR 323785	26.10 -0.26 0.00	25.78 -0.30 0.00	23.34 -0.28 0.00	16.58 -0.27 0.00	14.79 -0.23 0.00	24.33 -0.24 0.00	27.68 -0.03 0.00	28.09 0.11 0.00	29.41 0.03 0.00	38.06 0.21 0.62	34.64 -0.04 0.20	36.25 -0.27 0.01	34.04 -0.53 0.00	38.20 -0.43 0.00	38.49 -0.34 0.00	40.49 -0.14 0.00	145.23 0.08 0.00	47.81 0.05 0.00	46.66 0.10 0.00	49.99 0.43 0.00	46.41 0.64 0.00	50.95 0.87 0.00	42.64 0.70 0.00	42.47 0.61 0.00
NPX_GEN_1385_PROXY 323591	29.91 1.14 -2.42	27.52 1.44 0.00	34.78 1.26 -9.89	18.02 1.00 -0.18	16.14 0.82 -0.29	35.82 1.06 -10.19	28.58 0.88 0.00	54.37 1.27 -25.13	27.38 1.22 3.22	38.00 1.49 1.96	38.18 2.12 -1.18	38.69 2.22 0.06	35.42 2.21 1.37	14.07 2.01 26.56	35.60 1.84 5.07	39.96 1.98 2.65	10.56 5.02 139.61	34.88 1.83 14.71	22.19 1.79 26.16	34.39 1.50 16.67	32.14 0.93 14.57	20.65 1.04 30.47	25.61 1.10 17.44	41.49 0.99 1.36
NPX_GEN_CSC 323557	29.45 0.68 -2.42	27.16 1.08 0.00	24.54 0.92 0.00	17.61 0.76 0.00	15.65 0.62 0.00	25.33 0.75 0.00	28.11 0.41 0.00	28.99 1.02 0.00	27.21 0.67 2.84	37.89 1.02 1.60	38.47 1.93 -1.67	38.59 1.89 -0.17	35.42 1.85 1.00	38.57 1.83 1.88	40.54 1.72 0.00	42.32 1.74 0.06	52.19 4.12 97.07	37.22 1.72 12.26	16.47 2.04 32.12	22.23 1.95 29.29	24.60 1.37 22.54	21.11 1.02 29.98	25.74 0.91 17.11	41.54 1.02 1.34
NSINS_S_GLNS_FALLS 23858	98.73 1.83 -70.54	28.02 1.94 0.00	25.38 1.76 0.00	18.09 1.24 0.00	16.11 1.09 0.00	26.23 1.66 0.00	29.34 1.63 0.00	29.39 1.41 0.00	30.59 1.21 0.00	37.73 0.91 1.65	35.57 1.23 0.53	38.12 1.61 0.03	36.08 1.51 0.00	40.33 1.70 0.00	40.68 1.84 0.00	42.70 2.06 0.00	151.24 6.10 0.00	49.95 2.19 0.00	48.97 2.42 0.00	52.37 2.81 0.00	48.08 2.31 0.00	52.51 2.49 0.06	43.90 1.96 0.00	43.93 2.09 0.02
NUCOR_STEEL___DRP 24197	26.57 0.21 0.00	26.20 0.12 0.00	23.74 0.13 0.00	16.98 0.13 0.00	15.15 0.13 0.00	24.64 0.07 0.00	27.73 0.03 0.00	28.00 0.02 0.00	29.28 -0.10 0.00	37.57 -0.27 0.63	34.49 -0.18 0.21	36.52 0.00 0.01	34.57 0.00 0.00	38.55 -0.08 0.00	38.70 -0.12 0.00	40.53 -0.10 0.00	144.92 -0.23 0.00	47.86 0.10 0.00	46.74 0.18 0.00	49.77 0.21 0.00	45.95 0.18 0.00	50.54 0.12 -0.34	41.93 -0.01 0.00	41.98 0.02 -0.09
NUMBER_THREE_WT_PWR 323818	25.81 0.41 0.96	26.58 0.50 0.00	23.98 0.36 0.00	17.11 0.26 0.00	15.25 0.23 0.00	25.01 0.44 0.00	28.33 0.63 0.00	28.39 0.41 0.00	29.68 0.31 0.00	36.98 -0.20 1.28	34.24 -0.22 0.42	36.29 -0.21 0.02	34.15 -0.42 0.00	38.17 -0.45 0.00	38.78 -0.05 0.00	40.85 0.21 0.00	146.91 1.76 0.00	48.49 0.73 0.00	48.07 1.51 0.00	51.57 2.01 0.00	47.78 2.01 0.00	52.45 2.27 -0.10	43.56 1.62 0.00	43.29 1.41 -0.03
NYISO_LBMP_REFERENCE 24008	26.36 0.00 0.00	26.08 0.00 0.00	23.62 0.00 0.00	16.85 0.00 0.00	15.02 0.00 0.00	24.58 0.00 0.00	27.70 0.00 0.00	27.98 0.00 0.00	29.37 0.00 0.00	38.47 0.00 0.00	34.87 0.00 0.00	36.53 0.00 0.00	34.57 0.00 0.00	38.62 0.00 0.00	38.83 0.00 0.00	40.63 0.00 0.00	145.15 0.00 0.00	47.76 0.00 0.00	46.56 0.00 0.00	49.56 0.00 0.00	45.77 0.00 0.00	50.08 0.00 0.00	41.94 0.00 0.00	41.86 0.00 0.00
NYPA_BRENTWD____GT 24164	30.15 1.37 -2.42	27.68 1.60 0.00	25.01 1.39 0.00	17.94 1.09 0.00	15.93 0.91 0.00	25.78 1.20 0.00	28.80 1.10 0.00	29.45 1.47 0.00	28.44 1.43 2.36	39.29 1.96 1.14	39.84 2.70 -2.27	39.68 2.70 -0.45	36.66 2.64 0.55	39.68 2.62 1.56	41.28 2.45 0.00	43.11 2.53 0.06	56.91 7.08 95.32	38.55 2.47 11.68	18.12 2.53 30.96	23.08 2.27 28.75	21.59 1.69 25.88	22.57 1.87 29.38	23.73 1.73 19.95	42.24 1.70 1.31

NYPA_GOWANUS____GT5 24156	30.18 1.40 -2.42	27.51 1.43 0.00	24.92 1.31 0.00	17.85 1.00 0.00	15.86 0.84 0.00	25.62 1.05 0.00	28.65 0.95 0.00	29.11 1.13 0.00	30.81 1.43 0.00	38.68 1.73 1.52	36.62 2.24 0.49	38.98 2.48 0.02	37.19 2.62 0.00	41.54 2.92 0.00	41.69 2.86 0.00	43.49 2.86 0.00	154.67 9.52 0.00	51.06 3.30 0.00	49.64 3.09 0.00	52.63 3.06 0.00	48.19 2.42 0.00	52.55 2.53 0.07	44.30 2.36 0.00	44.10 2.26 0.02
NYPA_GOWANUS____GT6 24157	30.18 1.40 -2.42	27.51 1.43 0.00	24.92 1.31 0.00	17.85 1.00 0.00	15.86 0.84 0.00	25.62 1.05 0.00	28.65 0.95 0.00	29.11 1.13 0.00	30.81 1.43 0.00	38.68 1.73 1.52	36.62 2.24 0.49	38.98 2.48 0.02	37.19 2.62 0.00	41.54 2.92 0.00	41.69 2.86 0.00	43.49 2.86 0.00	154.67 9.52 0.00	51.06 3.30 0.00	49.64 3.09 0.00	52.63 3.06 0.00	48.19 2.42 0.00	52.55 2.53 0.07	44.30 2.36 0.00	44.10 2.26 0.02
NYPA_HARLEM__RVR__GT1 24160	30.25 1.48 -2.42	27.58 1.50 0.00	25.04 1.42 0.00	17.93 1.08 0.00	15.94 0.91 0.00	25.72 1.15 0.00	28.79 1.08 0.00	29.24 1.26 0.00	30.87 1.49 0.00	38.67 1.72 1.52	36.65 2.26 0.49	39.03 2.52 0.02	37.23 2.65 0.00	41.55 2.93 0.00	41.72 2.89 0.00	43.52 2.89 0.00	154.73 9.58 0.00	51.03 3.27 0.00	49.54 2.99 0.00	52.49 2.92 0.00	48.13 2.36 0.00	52.50 2.49 0.07	44.09 2.15 0.00	43.85 2.01 0.02
NYPA_HARLEM__RVR__GT2 24161	30.25 1.48 -2.42	27.58 1.50 0.00	25.04 1.42 0.00	17.93 1.08 0.00	15.94 0.91 0.00	25.72 1.15 0.00	28.79 1.08 0.00	29.24 1.26 0.00	30.87 1.49 0.00	38.67 1.72 1.52	36.65 2.26 0.49	39.03 2.52 0.02	37.23 2.65 0.00	41.55 2.93 0.00	41.72 2.89 0.00	43.52 2.89 0.00	154.73 9.58 0.00	51.03 3.27 0.00	49.54 2.99 0.00	52.49 2.92 0.00	48.13 2.36 0.00	52.50 2.49 0.07	44.09 2.15 0.00	43.85 2.01 0.02
NYPA_KENT____GT 24152	30.20 1.43 -2.42	27.54 1.46 0.00	24.96 1.34 0.00	17.88 1.03 0.00	15.89 0.87 0.00	25.67 1.09 0.00	28.69 0.99 0.00	29.16 1.18 0.00	30.84 1.46 0.00	38.72 1.77 1.52	36.65 2.27 0.49	39.02 2.51 0.02	37.21 2.64 0.00	41.55 2.93 0.00	41.72 2.89 0.00	43.51 2.88 0.00	154.72 9.58 0.00	51.02 3.27 0.00	49.61 3.06 0.00	52.53 2.97 0.00	48.12 2.35 0.00	52.47 2.46 0.07	44.23 2.29 0.00	44.03 2.19 0.02
NYPA_POUCH1____GT 24155	30.12 1.35 -2.42	27.45 1.37 0.00	24.87 1.25 0.00	17.79 0.94 0.00	15.80 0.78 0.00	25.51 0.93 0.00	28.53 0.83 0.00	29.01 1.03 0.00	30.73 1.35 0.00	38.55 1.60 1.52	36.53 2.15 0.49	38.88 2.38 0.02	37.10 2.52 0.00	41.45 2.83 0.00	41.60 2.77 0.00	43.36 2.73 0.00	154.26 9.11 0.00	50.93 3.18 0.00	49.49 2.94 0.00	52.40 2.84 0.00	47.98 2.21 0.00	52.31 2.29 0.07	44.13 2.18 0.00	43.93 2.09 0.02
NYPA_VERNON____GT2 24162	30.23 1.45 -2.42	27.58 1.50 0.00	25.00 1.38 0.00	17.91 1.06 0.00	15.92 0.89 0.00	25.72 1.14 0.00	28.74 1.04 0.00	29.21 1.23 0.00	30.87 1.49 0.00	38.75 1.81 1.52	36.67 2.29 0.49	39.05 2.55 0.02	37.24 2.67 0.00	41.56 2.94 0.00	41.73 2.90 0.00	43.55 2.92 0.00	154.75 9.60 0.00	51.02 3.26 0.00	49.58 3.02 0.00	52.45 2.89 0.00	48.06 2.29 0.00	52.41 2.40 0.07	44.16 2.22 0.00	43.97 2.13 0.02
NYPA_VERNON____GT3 24163	30.23 1.45 -2.42	27.58 1.50 0.00	25.00 1.38 0.00	17.91 1.06 0.00	15.92 0.89 0.00	25.72 1.14 0.00	28.74 1.04 0.00	29.21 1.23 0.00	30.87 1.49 0.00	38.75 1.81 1.52	36.67 2.29 0.49	39.05 2.55 0.02	37.24 2.67 0.00	41.56 2.94 0.00	41.73 2.90 0.00	43.55 2.92 0.00	154.75 9.60 0.00	51.02 3.26 0.00	49.58 3.02 0.00	52.45 2.89 0.00	48.06 2.29 0.00	52.41 2.40 0.07	44.16 2.22 0.00	43.97 2.13 0.02
NYPA____ASTORIA_CC1 323568	30.18 1.40 -2.42	27.54 1.46 0.00	24.98 1.36 0.00	17.89 1.04 0.00	15.90 0.88 0.00	25.68 1.10 0.00	28.69 0.99 0.00	29.15 1.17 0.00	30.80 1.43 0.00	38.66 1.71 1.52	36.58 2.20 0.49	38.95 2.44 0.02	37.14 2.57 0.00	41.45 2.83 0.00	41.61 2.78 0.00	43.43 2.80 0.00	154.31 9.16 0.00	50.88 3.12 0.00	49.43 2.88 0.00	52.30 2.73 0.00	47.93 2.16 0.00	52.27 2.26 0.07	44.07 2.12 0.00	43.87 2.03 0.02
NYPA____ASTORIA_CC2 323569	30.18 1.40 -2.42	27.54 1.46 0.00	24.98 1.36 0.00	17.89 1.04 0.00	15.90 0.88 0.00	25.68 1.10 0.00	28.69 0.99 0.00	29.15 1.17 0.00	30.80 1.43 0.00	38.66 1.71 1.52	36.58 2.20 0.49	38.95 2.44 0.02	37.14 2.57 0.00	41.45 2.83 0.00	41.61 2.78 0.00	43.43 2.80 0.00	154.31 9.16 0.00	50.88 3.12 0.00	49.43 2.88 0.00	52.30 2.73 0.00	47.93 2.16 0.00	52.27 2.26 0.07	44.07 2.12 0.00	43.87 2.03 0.02
NYPA____HOLTSVILL 23794	29.84 1.06 -2.42	27.45 1.37 0.00	24.79 1.17 0.00	17.79 0.94 0.00	15.80 0.78 0.00	25.57 0.99 0.00	28.49 0.79 0.00	29.18 1.21 0.00	27.59 1.08 2.87	38.36 1.52 1.63	38.83 2.33 -1.63	38.96 2.28 -0.15	35.76 2.22 1.03	38.94 2.22 1.90	40.89 2.06 0.00	42.70 2.13 0.06	53.31 5.34 97.18	37.57 2.08 12.27	16.63 2.28 32.20	22.28 2.05 29.33	24.60 1.49 22.67	21.46 1.40 30.02	22.85 1.30 20.39	41.79 1.27 1.34
NYPA____HELLGATE_GT1 24158	30.25 1.48 -2.42	27.58 1.50 0.00	25.04 1.42 0.00	17.93 1.08 0.00	15.94 0.91 0.00	25.72 1.15 0.00	28.79 1.08 0.00	29.24 1.26 0.00	30.87 1.49 0.00	38.67 1.72 1.52	36.65 2.26 0.49	39.03 2.52 0.02	37.23 2.65 0.00	41.55 2.93 0.00	41.72 2.89 0.00	43.52 2.89 0.00	154.73 9.58 0.00	51.03 3.27 0.00	49.54 2.99 0.00	52.49 2.92 0.00	48.13 2.36 0.00	52.49 2.48 0.07	44.09 2.15 0.00	43.85 2.01 0.02
NYPA____HELLGATE_GT2 24159	30.25 1.48 -2.42	27.58 1.50 0.00	25.04 1.42 0.00	17.93 1.08 0.00	15.94 0.91 0.00	25.72 1.15 0.00	28.79 1.08 0.00	29.24 1.26 0.00	30.87 1.49 0.00	38.67 1.72 1.52	36.65 2.26 0.49	39.03 2.52 0.02	37.23 2.65 0.00	41.55 2.93 0.00	41.72 2.89 0.00	43.52 2.89 0.00	154.73 9.58 0.00	51.03 3.27 0.00	49.54 2.99 0.00	52.49 2.92 0.00	48.13 2.36 0.00	52.49 2.48 0.07	44.09 2.15 0.00	43.85 2.01 0.02
NYS_BARGE____HYD 23848	25.80 -0.56 0.00	25.35 -0.73 0.00	23.08 -0.54 0.00	16.42 -0.43 0.00	14.70 -0.32 0.00	24.24 -0.34 0.00	26.99 -0.71 0.00	27.35 -0.63 0.00	28.86 -0.51 0.00	36.79 -0.11 1.56	34.17 -0.20 0.51	36.25 -0.25 0.03	33.97 -0.60 0.00	37.27 -1.35 0.00	37.04 -1.80 0.00	38.70 -1.93 0.00	138.39 -6.75 0.00	45.52 -2.24 0.00	44.40 -2.15 0.00	47.15 -2.41 0.00	44.33 -1.44 0.00	48.91 -1.17 0.00	40.86 -1.08 0.00	41.46 -0.40 0.00
OAK ORCHARD____HYD 24046	26.37 0.01 0.00	25.96 -0.12 0.00	23.55 -0.07 0.00	16.76 -0.09 0.00	14.96 -0.07 0.00	24.55 -0.03 0.00	27.43 -0.27 0.00	27.81 -0.17 0.00	29.31 -0.06 0.00	37.20 0.16 1.42	34.58 0.17 0.46	36.71 0.20 0.02	34.55 -0.02 0.00	38.23 -0.39 0.00	38.16 -0.67 0.00	39.91 -0.72 0.00	142.83 -2.32 0.00	47.05 -0.71 0.00	45.87 -0.68 0.00	48.67 -0.90 0.00	45.34 -0.43 0.00	49.81 -0.32 -0.06	41.53 -0.42 0.00	41.70 -0.17 -0.02

OAKDALE___35_KV_LOAD 356122	26.54 0.18 0.00	26.22 0.14 0.00	23.80 0.18 0.00	17.00 0.15 0.00	15.15 0.12 0.00	24.70 0.13 0.00	27.67 -0.03 0.00	28.08 0.10 0.00	29.60 0.23 0.00	36.58 0.27 2.16	34.58 0.40 0.70	37.00 0.50 0.03	35.08 0.51 0.00	39.02 0.40 0.00	39.16 0.32 0.00	40.87 0.24 0.00	146.22 1.07 0.00	48.08 0.32 0.00	46.94 0.39 0.00	49.78 0.22 0.00	45.99 0.22 0.00	50.01 0.19 0.26	42.04 0.10 0.00	42.04 0.26 0.07
OCC_CHEM___DRP 24175	25.21 -1.15 0.00	24.77 -1.32 0.00	22.54 -1.08 0.00	16.03 -0.82 0.00	14.32 -0.70 0.00	23.59 -0.99 0.00	26.22 -1.48 0.00	26.64 -1.34 0.00	28.14 -1.24 0.00	35.84 -1.04 1.59	33.33 -1.03 0.51	35.44 -1.07 0.03	33.19 -1.38 0.00	36.38 -2.25 0.00	36.09 -2.75 0.00	37.73 -2.90 0.00	134.51 -10.63 0.00	44.25 -3.51 0.00	43.16 -3.39 0.00	45.81 -3.75 0.00	43.13 -2.64 0.00	47.63 -2.45 0.00	39.84 -2.11 0.00	40.32 -1.54 0.00
OH_GEN_PROXY 24063	25.56 -0.80 0.00	25.12 -0.96 0.00	22.87 -0.75 0.00	16.27 -0.58 0.00	14.53 -0.49 0.00	23.92 -0.65 0.00	26.62 -1.08 0.00	27.05 -0.94 0.00	28.57 -0.81 0.00	36.35 -0.54 1.58	33.82 -0.54 0.51	35.93 -0.57 0.03	33.67 -0.91 0.00	36.94 -1.68 0.00	36.67 -2.16 0.00	38.32 -2.31 0.00	137.01 -8.13 0.00	45.05 -2.71 0.00	43.95 -2.61 0.00	46.66 -2.90 0.00	43.79 -1.98 0.00	48.29 -1.79 0.00	43.61 -1.58 -3.25	40.82 -1.04 0.00
OLIN_CORP_DRP 24177	25.47 -0.89 0.00	25.04 -1.04 0.00	22.81 -0.81 0.00	16.23 -0.62 0.00	14.54 -0.48 0.00	23.98 -0.60 0.00	26.67 -1.03 0.00	26.98 -1.00 0.00	28.47 -0.91 0.00	36.28 -0.60 1.59	33.70 -0.66 0.51	35.81 -0.69 0.03	33.55 -1.02 0.00	36.78 -1.85 0.00	36.51 -2.32 0.00	38.18 -2.45 0.00	136.38 -8.76 0.00	44.85 -2.91 0.00	43.77 -2.79 0.00	46.46 -3.10 0.00	43.70 -2.08 0.00	48.25 -1.83 0.00	40.35 -1.60 0.00	40.98 -0.88 0.00
OLIN_CORP_DSASP 323712	25.21 -1.15 0.00	24.77 -1.32 0.00	22.54 -1.08 0.00	16.03 -0.82 0.00	14.32 -0.70 0.00	23.59 -0.99 0.00	26.23 -1.47 0.00	26.64 -1.34 0.00	28.14 -1.24 0.00	35.84 -1.04 1.59	33.36 -1.01 0.51	35.44 -1.06 0.03	33.20 -1.37 0.00	36.39 -2.24 0.00	36.09 -2.75 0.00	37.72 -2.91 0.00	134.54 -10.60 0.00	44.24 -3.52 0.00	43.15 -3.40 0.00	45.80 -3.76 0.00	43.12 -2.65 0.00	47.63 -2.45 0.00	39.83 -2.11 0.00	40.33 -1.53 0.00
ONEIDA_HERK_LFGE 323681	25.91 0.64 1.09	26.75 0.67 0.00	24.20 0.58 0.00	17.26 0.41 0.00	15.37 0.35 0.00	25.13 0.55 0.00	28.31 0.61 0.00	28.49 0.51 0.00	29.84 0.46 0.00	37.12 0.26 1.60	34.67 0.31 0.52	36.89 0.39 0.03	34.88 0.30 0.00	38.95 0.32 0.00	39.38 0.55 0.00	41.31 0.68 0.00	148.16 3.02 0.00	48.87 1.11 0.00	48.14 1.59 0.00	51.38 1.82 0.00	47.48 1.71 0.00	51.92 1.84 0.00	43.27 1.33 0.00	43.06 1.20 0.00
ONEIDA___115KV_TB4 55905	26.28 0.92 1.00	26.97 0.89 0.00	24.42 0.81 0.00	17.42 0.57 0.00	15.48 0.45 0.00	25.28 0.71 0.00	28.39 0.69 0.00	28.62 0.64 0.00	30.00 0.63 0.00	37.36 0.57 1.67	34.95 0.62 0.54	37.27 0.77 0.03	35.32 0.75 0.00	39.45 0.82 0.00	39.78 0.95 0.00	41.64 1.01 0.00	149.16 4.01 0.00	49.24 1.48 0.00	48.54 1.99 0.00	51.58 2.02 0.00	47.60 1.82 0.00	51.96 1.88 0.00	43.32 1.38 0.00	43.14 1.28 0.00
ONONDAGA_REF_OCCRA 23987	25.87 0.19 0.68	26.24 0.16 0.00	23.78 0.16 0.00	16.97 0.12 0.00	15.14 0.11 0.00	24.69 0.12 0.00	27.66 -0.04 0.00	27.93 -0.05 0.00	29.36 -0.01 0.00	36.83 -0.12 1.52	34.40 0.02 0.49	36.65 0.14 0.02	34.73 0.16 0.00	38.73 0.11 0.00	38.95 0.12 0.00	40.76 0.13 0.00	145.67 0.52 0.00	48.14 0.38 0.00	47.02 0.46 0.00	49.85 0.29 0.00	46.03 0.26 0.00	50.21 0.13 0.00	41.96 0.02 0.00	41.86 0.00 0.00
ONONDAGA___COGEN 23986	25.74 0.06 0.69	26.10 0.03 0.00	23.65 0.03 0.00	16.89 0.04 0.00	15.06 0.03 0.00	24.56 -0.02 0.00	27.56 -0.14 0.00	27.80 -0.18 0.00	29.18 -0.20 0.00	37.54 -0.34 0.58	34.49 -0.19 0.19	36.42 -0.10 0.01	34.50 -0.07 0.00	38.47 -0.16 0.00	38.65 -0.18 0.00	40.48 -0.15 0.00	144.59 -0.55 0.00	47.79 0.03 0.00	46.62 0.07 0.00	49.50 -0.06 0.00	45.72 -0.05 0.00	50.25 -0.19 -0.36	41.71 -0.23 0.00	41.70 -0.25 -0.10
ONTARIO___LFGE 23819	26.74 0.37 0.00	26.31 0.23 0.00	23.90 0.28 0.00	17.04 0.19 0.00	15.19 0.16 0.00	24.88 0.30 0.00	27.97 0.27 0.00	28.43 0.45 0.00	29.89 0.51 0.00	37.94 0.60 1.12	35.05 0.54 0.37	37.09 0.58 0.02	35.10 0.53 0.00	38.78 0.16 0.00	38.87 0.04 0.00	40.41 -0.22 0.00	144.63 -0.51 0.00	47.95 0.19 0.00	46.82 0.27 0.00	49.62 0.06 0.00	46.03 0.26 0.00	50.47 0.28 -0.11	42.01 0.07 0.00	42.13 0.25 -0.03
ORANGEVILLE_WT_PWR 323706	25.74 -0.62 0.00	25.30 -0.78 0.00	23.09 -0.53 0.00	16.45 -0.40 0.00	14.69 -0.33 0.00	24.20 -0.37 0.00	27.11 -0.59 0.00	27.58 -0.40 0.00	29.13 -0.24 0.00	36.69 -0.08 1.69	34.20 -0.13 0.55	36.34 -0.17 0.03	34.16 -0.42 0.00	37.67 -0.95 0.00	37.56 -1.26 0.00	39.46 -1.17 0.00	141.34 -3.81 0.00	46.35 -1.41 0.00	45.26 -1.29 0.00	48.16 -1.40 0.00	45.12 -0.65 0.00	49.60 -0.41 0.06	41.44 -0.50 0.00	41.87 0.03 0.02
ORANGEVILLE___ESR 323794	25.74 -0.62 0.00	25.30 -0.78 0.00	23.09 -0.53 0.00	16.45 -0.40 0.00	14.69 -0.33 0.00	24.20 -0.37 0.00	27.11 -0.59 0.00	27.58 -0.40 0.00	29.13 -0.24 0.00	36.69 -0.08 1.69	34.20 -0.13 0.55	36.34 -0.17 0.03	34.16 -0.42 0.00	37.67 -0.95 0.00	37.56 -1.26 0.00	39.46 -1.17 0.00	141.34 -3.81 0.00	46.35 -1.41 0.00	45.26 -1.29 0.00	48.16 -1.40 0.00	45.12 -0.65 0.00	49.60 -0.41 0.06	41.44 -0.50 0.00	41.87 0.03 0.02
OSWEGATCHIE___HYD 24044	25.55 -0.01 0.80	26.10 0.02 0.00	23.54 -0.07 0.00	16.76 -0.09 0.00	14.97 -0.06 0.00	24.53 -0.05 0.00	27.87 0.16 0.00	27.96 -0.02 0.00	29.22 -0.15 0.00	36.77 -0.67 1.02	33.80 -0.75 0.33	35.60 -0.91 0.02	33.37 -1.20 0.00	37.36 -1.26 0.00	37.99 -0.84 0.00	40.06 -0.58 0.00	143.96 -1.19 0.00	47.50 -0.26 0.00	46.93 0.38 0.00	50.38 0.82 0.00	46.73 0.96 0.00	51.40 1.21 -0.11	42.77 0.83 0.00	42.54 0.65 -0.03
OSWEGO___5 23606	25.18 -0.43 0.75	25.65 -0.43 0.00	23.24 -0.38 0.00	16.59 -0.26 0.00	14.79 -0.24 0.00	24.13 -0.44 0.00	27.07 -0.64 0.00	27.28 -0.70 0.00	28.66 -0.72 0.00	39.48 -1.00 -2.02	34.70 -0.83 -0.66	35.75 -0.81 -0.03	33.80 -0.77 0.00	37.66 -0.96 0.00	37.83 -1.00 0.00	39.60 -1.03 0.00	141.34 -3.81 0.00	46.63 -1.13 0.00	45.51 -1.05 0.00	48.37 -1.19 0.00	44.71 -1.06 0.00	50.21 -1.22 -1.36	40.90 -1.04 0.00	41.20 -1.03 -0.38
OSWEGO___6 23613	25.18 -0.43 0.75	25.65 -0.43 0.00	23.24 -0.38 0.00	16.59 -0.26 0.00	14.79 -0.24 0.00	24.13 -0.44 0.00	27.07 -0.64 0.00	27.28 -0.70 0.00	28.66 -0.72 0.00	39.48 -1.00 -2.02	34.70 -0.83 -0.66	35.75 -0.81 -0.03	33.80 -0.77 0.00	37.66 -0.96 0.00	37.83 -1.00 0.00	39.60 -1.03 0.00	141.34 -3.81 0.00	46.63 -1.13 0.00	45.51 -1.05 0.00	48.37 -1.19 0.00	44.71 -1.06 0.00	50.21 -1.22 -1.36	40.90 -1.04 0.00	41.20 -1.03 -0.38

OUTOKUMPU-AB___DRP 24206	25.93 -0.44 0.00	25.44 -0.64 0.00	23.15 -0.47 0.00	16.47 -0.38 0.00	14.71 -0.31 0.00	24.26 -0.32 0.00	27.02 -0.68 0.00	27.46 -0.52 0.00	29.03 -0.35 0.00	36.97 0.09 1.59	34.36 0.01 0.52	36.53 0.02 0.03	34.24 -0.34 0.00	37.60 -1.02 0.00	37.35 -1.48 0.00	39.06 -1.57 0.00	139.36 -5.79 0.00	45.85 -1.91 0.00	44.68 -1.87 0.00	47.43 -2.14 0.00	44.57 -1.20 0.00	49.17 -0.91 0.00	41.05 -0.89 0.00	41.55 -0.31 0.00
OXBOW___BTM 323836	25.57 -0.79 0.00	25.10 -0.98 0.00	22.84 -0.77 0.00	16.25 -0.60 0.00	14.52 -0.51 0.00	23.91 -0.66 0.00	26.62 -1.08 0.00	27.05 -0.93 0.00	28.58 -0.79 0.00	36.41 -0.47 1.59	33.87 -0.49 0.52	36.00 -0.51 0.03	33.73 -0.84 0.00	37.01 -1.61 0.00	36.73 -2.10 0.00	38.41 -2.22 0.00	137.01 -8.14 0.00	45.06 -2.70 0.00	43.93 -2.62 0.00	46.62 -2.94 0.00	43.85 -1.92 0.00	48.39 -1.68 0.00	40.44 -1.50 0.00	40.92 -0.93 0.00
OXBOW___ 24026	25.57 -0.79 0.00	25.10 -0.98 0.00	22.84 -0.78 0.00	16.25 -0.60 0.00	14.52 -0.51 0.00	23.91 -0.66 0.00	26.62 -1.08 0.00	27.05 -0.93 0.00	28.59 -0.79 0.00	36.41 -0.47 1.59	33.85 -0.51 0.52	35.99 -0.51 0.03	33.72 -0.86 0.00	37.00 -1.62 0.00	36.73 -2.10 0.00	38.42 -2.21 0.00	137.03 -8.11 0.00	45.06 -2.70 0.00	43.94 -2.62 0.00	46.62 -2.94 0.00	43.86 -1.92 0.00	48.41 -1.67 0.00	40.45 -1.49 0.00	40.92 -0.93 0.00
OXY_CHEM_DSASP 323612	25.21 -1.15 0.00	24.77 -1.32 0.00	22.54 -1.08 0.00	16.03 -0.82 0.00	14.32 -0.70 0.00	23.59 -0.99 0.00	26.22 -1.48 0.00	26.64 -1.34 0.00	28.14 -1.24 0.00	35.84 -1.04 1.59	33.33 -1.03 0.51	35.44 -1.07 0.03	33.19 -1.38 0.00	36.38 -2.25 0.00	36.09 -2.75 0.00	37.73 -2.90 0.00	134.51 -10.63 0.00	44.25 -3.51 0.00	43.16 -3.39 0.00	45.81 -3.75 0.00	43.13 -2.64 0.00	47.63 -2.45 0.00	39.84 -2.11 0.00	40.32 -1.54 0.00
OZONE_PARK_ESR 323760	30.49 1.72 -2.42	27.82 1.74 0.00	25.20 1.59 0.00	18.06 1.21 0.00	16.05 1.03 0.00	25.94 1.36 0.00	29.00 1.30 0.00	29.47 1.49 0.00	31.14 1.77 0.00	39.14 2.19 1.52	37.05 2.66 0.49	39.47 2.97 0.02	37.63 3.06 0.00	42.04 3.41 0.00	42.20 3.37 0.00	44.07 3.44 0.00	156.95 11.81 0.00	51.74 3.99 0.00	50.33 3.77 0.00	53.19 3.63 0.00	48.70 2.92 0.00	53.07 3.06 0.07	44.66 2.72 0.00	44.43 2.59 0.02
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	25.21 -1.15 0.00	24.77 -1.32 0.00	22.54 -1.08 0.00	16.03 -0.82 0.00	14.32 -0.70 0.00	23.59 -0.99 0.00	26.22 -1.48 0.00	26.64 -1.34 0.00	28.14 -1.24 0.00	35.84 -1.04 1.59	33.33 -1.03 0.51	35.44 -1.07 0.03	33.19 -1.38 0.00	36.38 -2.25 0.00	36.09 -2.75 0.00	37.73 -2.90 0.00	134.51 -10.63 0.00	44.25 -3.51 0.00	43.16 -3.39 0.00	45.81 -3.75 0.00	43.13 -2.64 0.00	47.63 -2.45 0.00	39.84 -2.11 0.00	40.32 -1.54 0.00
PACKARD__115KV_DUPONT_184 80571	25.21 -1.15 0.00	24.77 -1.32 0.00	22.54 -1.08 0.00	16.03 -0.82 0.00	14.32 -0.70 0.00	23.59 -0.99 0.00	26.22 -1.48 0.00	26.64 -1.34 0.00	28.14 -1.24 0.00	35.84 -1.04 1.59	33.33 -1.03 0.51	35.44 -1.07 0.03	33.19 -1.38 0.00	36.38 -2.25 0.00	36.09 -2.75 0.00	37.73 -2.90 0.00	134.51 -10.63 0.00	44.25 -3.51 0.00	43.16 -3.39 0.00	45.81 -3.75 0.00	43.13 -2.64 0.00	47.63 -2.45 0.00	39.84 -2.11 0.00	40.32 -1.54 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	30.21 1.43 -2.42	27.54 1.46 0.00	25.00 1.38 0.00	17.89 1.04 0.00	15.91 0.88 0.00	25.67 1.09 0.00	28.74 1.04 0.00	29.19 1.21 0.00	30.80 1.43 0.00	38.58 1.63 1.52	36.57 2.19 0.49	38.94 2.44 0.02	37.14 2.56 0.00	41.45 2.83 0.00	41.62 2.79 0.00	43.44 2.81 0.00	154.59 9.44 0.00	50.99 3.23 0.00	49.52 2.97 0.00	52.44 2.88 0.00	48.08 2.31 0.00	52.43 2.42 0.07	44.04 2.10 0.00	43.80 1.96 0.02
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	30.86 2.08 -2.42	28.20 2.12 0.00	25.61 2.00 0.00	18.34 1.49 0.00	16.32 1.30 0.00	26.37 1.79 0.00	29.57 1.87 0.00	30.03 2.05 0.00	31.67 2.29 0.00	39.71 2.76 1.52	37.57 3.19 0.49	39.98 3.47 0.02	38.10 3.53 0.00	42.53 3.91 0.00	42.72 3.89 0.00	44.61 3.98 0.00	158.68 13.53 0.00	52.47 4.71 0.00	50.89 4.34 0.00	53.80 4.23 0.00	49.42 3.65 0.00	53.89 3.88 0.07	45.27 3.33 0.00	45.02 3.18 0.02
PATROON__115KV_TB1 80586	31.16 0.45 -4.36	26.62 0.54 0.00	24.14 0.52 0.00	17.26 0.41 0.00	15.36 0.34 0.00	24.92 0.34 0.00	27.86 0.16 0.00	28.12 0.14 0.00	29.46 0.09 0.00	36.78 0.28 1.61	34.64 0.44 0.52	36.95 0.44 0.03	34.96 0.38 0.00	39.01 0.39 0.00	39.24 0.41 0.00	40.97 0.34 0.00	147.74 2.59 0.00	48.32 0.56 0.00	47.44 0.89 0.00	50.32 0.76 0.00	46.32 0.55 0.00	50.52 0.49 0.06	42.36 0.42 0.00	42.10 0.26 0.02
PATTRSNVILLE___SOLAR 323815	66.04 0.96 -38.72	27.06 0.98 0.00	24.54 0.92 0.00	17.53 0.67 0.00	15.61 0.58 0.00	25.38 0.81 0.00	28.41 0.71 0.00	28.52 0.54 0.00	29.78 0.40 0.00	37.06 0.25 1.66	34.77 0.43 0.54	37.05 0.55 0.03	35.16 0.59 0.00	39.24 0.62 0.00	39.49 0.66 0.00	41.31 0.68 0.00	147.89 2.75 0.00	48.88 1.12 0.00	47.89 1.34 0.00	51.26 1.70 0.00	47.33 1.56 0.00	51.71 1.69 0.06	43.32 1.38 0.00	43.20 1.36 0.02
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	26.36 0.00 0.00	25.89 -0.19 0.00	23.56 -0.06 0.00	16.77 -0.08 0.00	14.97 -0.06 0.00	24.65 0.07 0.00	27.48 -0.22 0.00	28.01 0.03 0.00	29.62 0.25 0.00	37.71 0.88 1.65	35.03 0.69 0.53	37.22 0.72 0.03	34.94 0.36 0.00	38.48 -0.14 0.00	38.25 -0.58 0.00	39.96 -0.67 0.00	142.92 -2.22 0.00	46.94 -0.82 0.00	45.77 -0.79 0.00	48.52 -1.05 0.00	45.42 -0.35 0.00	50.14 0.06 0.00	41.76 -0.18 0.00	42.22 0.36 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	30.45 1.56 -2.53	27.66 1.58 0.00	25.07 1.45 0.00	17.95 1.10 0.00	15.96 0.93 0.00	25.83 1.25 0.00	28.90 1.19 0.00	29.29 1.31 0.00	30.90 1.52 0.00	38.80 1.85 1.52	36.66 2.28 0.49	39.08 2.57 0.02	37.25 2.68 0.00	41.65 3.03 0.00	41.96 3.13 0.00	43.89 3.25 0.00	156.63 11.48 0.00	51.63 3.87 0.00	50.30 3.74 0.00	53.21 3.64 0.00	48.76 2.99 0.00	53.12 3.11 0.07	44.55 2.61 0.00	44.32 2.48 0.02
PEEKSKILL___ 23653	30.03 1.28 -2.39	27.39 1.31 0.00	24.83 1.21 0.00	17.78 0.93 0.00	15.81 0.78 0.00	25.56 0.98 0.00	28.58 0.87 0.00	28.95 0.98 0.00	30.55 1.17 0.00	38.36 1.41 1.52	36.27 1.89 0.49	38.61 2.11 0.02	36.80 2.22 0.00	41.12 2.50 0.00	41.34 2.51 0.00	43.16 2.53 0.00	153.76 8.62 0.00	50.70 2.94 0.00	49.34 2.79 0.00	52.19 2.63 0.00	47.83 2.06 0.00	52.18 2.17 0.07	43.87 1.93 0.00	43.67 1.83 0.02
PGE MADISON___WINDPWR 24146	28.39 1.07 -0.96	27.12 1.04 0.00	24.59 0.97 0.00	17.52 0.67 0.00	15.68 0.66 0.00	25.71 1.13 0.00	29.19 1.48 0.00	29.85 1.87 0.00	31.39 2.01 0.00	38.92 2.45 1.99	36.47 2.24 0.65	39.00 2.50 0.03	37.04 2.47 0.00	41.23 2.61 0.00	41.52 2.69 0.00	43.28 2.65 0.00	155.98 10.84 0.00	51.56 3.80 0.00	51.04 4.48 0.00	54.38 4.82 0.00	49.69 3.92 0.00	53.51 3.63 0.20	45.08 3.14 0.00	44.78 2.98 0.06

PIERCEFIELD___HYD 23852	25.86 -0.50 0.00	25.54 -0.54 0.00	23.07 -0.55 0.00	16.39 -0.46 0.00	14.66 -0.36 0.00	24.05 -0.53 0.00	27.46 -0.24 0.00	27.70 -0.28 0.00	28.94 -0.44 0.00	37.03 -0.64 0.80	33.79 -0.82 0.26	35.20 -1.32 0.01	32.77 -1.80 0.00	36.74 -1.88 0.00	37.21 -1.62 0.00	39.30 -1.33 0.00	141.25 -3.90 0.00	46.51 -1.25 0.00	45.48 -1.08 0.00	48.85 -0.72 0.00	45.35 -0.42 0.00	49.99 -0.13 -0.05	41.91 -0.03 0.00	41.71 -0.16 -0.01
PINELAWN_CC_1 323563	30.10 1.33 -2.42	27.59 1.51 0.00	24.93 1.31 0.00	17.88 1.03 0.00	15.88 0.86 0.00	25.69 1.12 0.00	28.73 1.03 0.00	29.34 1.36 0.00	30.72 1.34 0.00	41.38 1.81 -1.10	42.69 2.58 -5.24	40.96 2.58 -1.85	38.56 2.31 -1.67	40.81 2.19 0.00	40.87 2.04 0.00	42.64 2.05 0.05	64.83 5.19 85.51	42.63 2.01 7.14	23.86 2.05 24.74	25.51 1.74 25.80	23.14 1.19 23.82	25.13 1.41 26.36	25.45 1.40 17.89	42.34 1.66 1.18
PJM_GEN_HTP_PROXY 323702	24.83 1.44 2.97	27.56 1.48 0.00	24.97 1.36 0.00	17.90 1.04 0.00	15.91 0.88 0.00	25.70 1.12 0.00	28.71 1.01 0.00	29.17 1.19 0.00	30.81 1.44 0.00	38.71 1.76 1.52	36.79 2.24 0.33	39.03 2.52 0.02	37.20 2.63 0.00	41.54 2.92 0.00	41.71 2.88 0.00	43.56 2.93 0.00	148.66 9.92 6.41	51.10 3.34 0.00	49.73 3.17 0.00	52.57 3.00 0.00	48.09 2.31 0.00	52.41 2.40 0.07	43.48 2.14 0.60	43.87 2.03 0.02
PJM_GEN_KEystone 24065	22.48 0.38 4.26	26.42 0.34 0.00	23.98 0.37 0.00	17.15 0.30 0.00	15.27 0.24 0.00	24.83 0.26 0.00	27.74 0.04 0.00	28.17 0.19 0.00	29.78 0.40 0.00	37.47 0.63 1.63	35.41 0.90 0.37	37.49 0.98 0.03	35.54 0.97 0.00	39.49 0.87 0.00	39.55 0.72 0.00	41.16 0.53 0.00	140.46 1.72 6.41	48.31 0.55 0.00	47.05 0.49 0.00	49.81 0.25 0.00	46.00 0.23 0.00	50.36 0.36 0.08	41.64 0.29 0.60	42.34 0.51 0.02
PJM_GEN_NEPTUNE_PROXY 323594	24.56 1.17 2.97	27.41 1.33 0.00	24.78 1.16 0.00	17.78 0.93 0.00	15.80 0.77 0.00	25.53 0.96 0.00	28.55 0.85 0.01	29.12 1.14 0.01	25.75 1.16 4.78	36.57 1.54 3.44	36.47 2.20 0.61	37.78 2.22 0.98	34.05 2.31 2.83	37.84 2.38 3.17	41.05 2.22 0.00	42.84 2.27 0.06	40.92 6.50 110.73	35.39 2.39 14.76	12.03 2.39 36.91	19.89 2.09 31.77	17.54 1.50 29.72	19.18 1.54 32.44	20.78 1.47 22.63	41.81 1.40 1.45
PJM_GEN_VFT_PROXY 323633	24.73 1.34 2.97	27.44 1.36 0.00	24.87 1.25 0.00	17.83 0.98 0.00	15.85 0.83 0.00	25.59 1.01 0.00	28.59 0.89 0.00	29.03 1.05 0.00	30.68 1.30 0.00	38.50 1.56 1.52	36.63 2.09 0.33	38.82 2.32 0.02	37.02 2.45 0.00	41.36 2.74 0.00	41.51 2.68 0.00	43.32 2.69 0.00	147.52 8.79 6.42	50.78 3.02 0.00	49.40 2.85 0.00	52.24 2.67 0.00	47.81 2.04 0.00	52.10 2.09 0.07	43.28 1.93 0.60	43.65 1.81 0.02
PLATSBURG_115KV_PMLD1 355749	26.42 0.06 0.00	26.02 -0.07 0.00	23.57 -0.04 0.00	16.76 -0.09 0.00	14.93 -0.09 0.00	24.53 -0.04 0.00	27.90 0.19 0.00	28.35 0.37 0.00	29.68 0.30 0.00	38.40 0.55 0.62	35.04 0.37 0.20	36.68 0.16 0.01	34.38 -0.19 0.00	38.58 -0.04 0.00	38.89 0.06 0.00	40.98 0.35 0.00	146.70 1.56 0.00	48.28 0.52 0.00	47.16 0.61 0.00	50.54 0.98 0.00	46.96 1.19 0.00	51.57 1.49 0.00	43.22 1.27 0.00	43.02 1.16 0.00
PLEASANTVLY___LBMP 24000	30.02 1.14 -2.52	27.29 1.21 0.00	24.75 1.13 0.00	17.72 0.87 0.00	15.75 0.73 0.00	25.49 0.91 0.00	28.49 0.79 0.00	28.81 0.83 0.00	30.36 0.98 0.00	38.06 1.13 1.53	35.94 1.57 0.50	38.29 1.79 0.02	36.46 1.88 0.00	40.73 2.11 0.00	40.94 2.12 0.00	42.78 2.15 0.00	152.55 7.41 0.00	50.25 2.49 0.00	48.95 2.39 0.00	51.83 2.26 0.00	47.54 1.77 0.00	51.84 1.83 0.06	43.58 1.64 0.00	43.46 1.62 0.02
PLSNTVLE_13_KV_13.8KVDIST 80602	30.14 1.34 -2.43	27.48 1.39 0.00	24.90 1.28 0.00	17.83 0.98 0.00	15.86 0.83 0.00	25.64 1.06 0.00	28.66 0.96 0.00	29.04 1.06 0.00	30.66 1.28 0.00	38.49 1.55 1.52	36.39 2.01 0.49	38.76 2.26 0.02	36.96 2.39 0.00	41.27 2.65 0.00	41.50 2.67 0.00	43.34 2.71 0.00	154.40 9.26 0.00	50.89 3.14 0.00	49.53 2.98 0.00	52.40 2.84 0.00	48.01 2.24 0.00	52.33 2.32 0.07	44.00 2.05 0.00	43.81 1.97 0.02
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	30.14 1.34 -2.43	27.48 1.39 0.00	24.90 1.28 0.00	17.83 0.98 0.00	15.86 0.83 0.00	25.64 1.06 0.00	28.66 0.96 0.00	29.04 1.06 0.00	30.66 1.28 0.00	38.49 1.55 1.52	36.39 2.01 0.49	38.76 2.26 0.02	36.96 2.39 0.00	41.27 2.65 0.00	41.50 2.67 0.00	43.34 2.71 0.00	154.40 9.26 0.00	50.89 3.14 0.00	49.53 2.98 0.00	52.40 2.84 0.00	48.01 2.24 0.00	52.33 2.32 0.07	44.00 2.05 0.00	43.81 1.97 0.02
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	30.52 1.53 -2.63	27.64 1.56 0.00	25.05 1.43 0.00	17.93 1.08 0.00	15.94 0.92 0.00	25.81 1.23 0.00	28.86 1.16 0.00	29.22 1.24 0.00	30.78 1.41 0.00	38.66 1.71 1.52	36.51 2.13 0.49	38.92 2.42 0.02	36.98 2.41 0.00	41.48 2.86 0.00	41.75 2.92 0.00	43.68 3.05 0.00	156.03 10.88 0.00	51.49 3.73 0.00	50.20 3.65 0.00	53.13 3.57 0.00	48.73 2.95 0.00	53.08 3.07 0.07	44.51 2.57 0.00	44.29 2.45 0.02
POLETTI___ 23519	30.17 1.40 -2.42	27.52 1.44 0.00	24.96 1.34 0.00	17.89 1.03 0.00	15.90 0.88 0.00	25.68 1.10 0.00	28.67 0.97 0.00	29.13 1.15 0.00	30.77 1.40 0.00	38.64 1.70 1.52	36.57 2.19 0.49	38.95 2.45 0.02	37.14 2.57 0.00	41.49 2.87 0.00	41.65 2.82 0.00	43.48 2.85 0.00	154.66 9.51 0.00	51.00 3.24 0.00	49.61 3.06 0.00	52.44 2.87 0.00	47.98 2.21 0.00	52.29 2.28 0.07	44.01 2.07 0.00	43.81 1.97 0.02
POMONA___ESR 323819	29.97 1.27 -2.34	27.37 1.29 0.00	24.80 1.18 0.00	17.76 0.91 0.00	15.78 0.76 0.00	25.53 0.96 0.00	28.55 0.85 0.00	28.91 0.93 0.00	30.51 1.13 0.00	38.33 1.37 1.51	36.25 1.87 0.49	38.60 2.10 0.02	36.81 2.23 0.00	41.15 2.53 0.00	41.38 2.55 0.00	43.20 2.57 0.00	153.94 8.80 0.00	50.75 3.00 0.00	49.39 2.83 0.00	52.20 2.63 0.00	47.85 2.08 0.00	52.20 2.20 0.07	43.87 1.93 0.00	43.65 1.81 0.02
PORT_JEFF_3 23555	29.85 1.08 -2.42	27.45 1.37 0.00	24.80 1.18 0.00	17.79 0.94 0.00	15.80 0.78 0.00	25.57 0.99 0.00	28.49 0.80 0.00	29.18 1.21 0.00	27.62 1.08 2.84	38.40 1.53 1.60	38.91 2.37 -1.67	39.05 2.35 -0.17	35.86 2.29 1.00	39.05 2.30 1.88	41.00 2.17 0.00	42.80 2.22 0.06	53.35 5.29 97.08	37.51 2.04 12.29	16.74 2.31 32.13	22.39 2.11 29.29	24.98 1.63 22.42	21.65 1.55 29.98	22.98 1.40 20.36	41.86 1.34 1.34
PORT_JEFF_4 23616	29.85 1.08 -2.42	27.45 1.37 0.00	24.80 1.18 0.00	17.79 0.94 0.00	15.80 0.78 0.00	25.57 0.99 0.00	28.49 0.80 0.00	29.18 1.21 0.00	27.62 1.08 2.84	38.40 1.53 1.60	38.91 2.37 -1.67	39.05 2.35 -0.17	35.86 2.29 1.00	39.05 2.30 1.88	41.00 2.17 0.00	42.80 2.22 0.06	53.35 5.29 97.08	37.51 2.04 12.29	16.74 2.31 32.13	22.39 2.11 29.29	24.98 1.63 22.42	21.65 1.55 29.98	22.98 1.40 20.36	41.86 1.34 1.34

PORT_JEFF_IC 23713	29.88 1.10 -2.42	27.49 1.41 0.00	24.83 1.21 0.00	17.81 0.96 0.00	15.82 0.79 0.00	25.60 1.02 0.00	28.52 0.82 0.00	29.21 1.24 0.00	27.74 1.11 2.75	38.54 1.59 1.51	39.08 2.43 -1.78	39.17 2.42 -0.22	36.02 2.36 0.92	39.21 2.41 1.82	41.09 2.26 0.00	42.88 2.31 0.06	53.59 5.29 96.85	37.44 2.05 12.37	16.91 2.28 31.93	22.49 2.08 29.16	25.99 1.77 21.55	21.88 1.66 29.86	23.15 1.48 20.27	41.95 1.43 1.33
PPL PILGRIM_ST_GT1 24216	30.15 1.37 -2.42	27.68 1.60 0.00	25.01 1.39 0.00	17.94 1.09 0.00	15.93 0.91 0.00	25.78 1.20 0.00	28.80 1.10 0.00	29.45 1.47 0.00	28.44 1.43 2.36	39.29 1.96 1.14	39.84 2.70 -2.27	39.68 2.70 -0.45	36.66 2.64 0.55	39.68 2.62 1.56	41.28 2.45 0.00	43.11 2.53 0.06	56.91 7.08 95.32	38.55 2.47 11.68	18.12 2.53 30.96	23.08 2.27 28.75	21.59 1.69 25.88	22.57 1.87 29.38	23.73 1.73 19.95	42.24 1.70 1.31
PPL PILGRIM_ST_GT2 24217	30.15 1.37 -2.42	27.68 1.60 0.00	25.01 1.39 0.00	17.94 1.09 0.00	15.93 0.91 0.00	25.78 1.20 0.00	28.80 1.10 0.00	29.45 1.47 0.00	28.44 1.43 2.36	39.29 1.96 1.14	39.84 2.70 -2.27	39.68 2.70 -0.45	36.66 2.64 0.55	39.68 2.62 1.56	41.28 2.45 0.00	43.11 2.53 0.06	56.91 7.08 95.32	38.55 2.47 11.68	18.12 2.53 30.96	23.08 2.27 28.75	21.59 1.69 25.88	22.57 1.87 29.38	23.73 1.73 19.95	42.24 1.70 1.31
PPL_SHRM_GT3 24213	29.48 0.70 -2.42	27.19 1.11 0.00	24.55 0.94 0.00	17.63 0.78 0.00	15.65 0.63 0.00	25.34 0.76 0.00	28.13 0.43 0.00	29.00 1.03 0.00	27.27 0.69 2.80	37.94 1.03 1.56	38.54 1.95 -1.72	38.64 1.91 -0.20	35.46 1.86 0.96	38.61 1.84 1.85	40.56 1.73 0.00	42.35 1.77 0.06	52.50 4.29 96.94	37.28 1.79 12.27	16.65 2.12 32.03	22.39 2.05 29.23	24.93 1.43 22.27	21.23 1.08 29.92	22.58 0.96 20.32	41.58 1.05 1.34
PPL_SHRM_GT4 24214	29.48 0.70 -2.42	27.19 1.11 0.00	24.55 0.94 0.00	17.63 0.78 0.00	15.65 0.63 0.00	25.34 0.76 0.00	28.13 0.43 0.00	29.00 1.03 0.00	27.27 0.69 2.80	37.94 1.03 1.56	38.54 1.95 -1.72	38.64 1.91 -0.20	35.46 1.86 0.96	38.61 1.84 1.85	40.56 1.73 0.00	42.35 1.77 0.06	52.50 4.29 96.94	37.28 1.79 12.27	16.65 2.12 32.03	22.39 2.05 29.23	24.93 1.43 22.27	21.23 1.08 29.92	22.58 0.96 20.32	41.58 1.05 1.34
PROJECT___ORANGE 1 24174	25.73 0.08 0.71	26.13 0.05 0.00	23.68 0.06 0.00	16.90 0.05 0.00	15.06 0.03 0.00	24.57 -0.01 0.00	27.53 -0.17 0.00	27.80 -0.18 0.00	29.23 -0.15 0.00	36.63 -0.27 1.57	34.26 -0.11 0.51	36.52 0.01 0.03	34.61 0.03 0.00	38.58 -0.04 0.00	38.78 -0.05 0.00	40.60 -0.04 0.00	145.02 -0.12 0.00	47.89 0.13 0.00	46.72 0.17 0.00	49.55 -0.01 0.00	45.75 -0.02 0.00	49.92 -0.16 0.00	41.72 -0.22 0.00	41.64 -0.22 0.00
PROJECT___ORANGE 2 24166	25.73 0.08 0.71	26.13 0.05 0.00	23.68 0.06 0.00	16.90 0.05 0.00	15.06 0.03 0.00	24.57 -0.01 0.00	27.53 -0.17 0.00	27.80 -0.18 0.00	29.23 -0.15 0.00	36.63 -0.27 1.57	34.26 -0.11 0.51	36.52 0.01 0.03	34.61 0.03 0.00	38.58 -0.04 0.00	38.78 -0.05 0.00	40.60 -0.04 0.00	145.02 -0.12 0.00	47.89 0.13 0.00	46.72 0.17 0.00	49.55 -0.01 0.00	45.75 -0.02 0.00	49.92 -0.16 0.00	41.72 -0.22 0.00	41.64 -0.22 0.00
PUCKETT___SOLAR 323809	26.73 0.37 0.00	26.41 0.33 0.00	23.95 0.33 0.00	17.12 0.27 0.00	15.27 0.25 0.00	24.93 0.35 0.00	28.01 0.31 0.00	28.46 0.48 0.00	29.91 0.53 0.00	36.88 0.54 2.13	34.72 0.54 0.69	37.09 0.60 0.03	35.21 0.63 0.00	39.21 0.59 0.00	39.42 0.59 0.00	41.19 0.55 0.00	147.69 2.55 0.00	48.74 0.99 0.00	47.84 1.28 0.00	50.80 1.23 0.00	46.75 0.98 0.00	50.58 0.75 0.25	42.62 0.67 0.00	42.62 0.83 0.07
PYRITES___HYD 24023	26.70 0.34 0.00	26.34 0.26 0.00	23.79 0.17 0.00	16.90 0.05 0.00	15.13 0.10 0.00	24.93 0.35 0.00	28.45 0.75 0.00	28.61 0.63 0.00	29.85 0.47 0.00	38.12 0.42 0.77	34.67 0.04 0.25	36.07 -0.44 0.01	33.56 -1.01 0.00	37.74 -0.89 0.00	38.27 -0.56 0.00	40.62 -0.01 0.00	146.12 0.97 0.00	48.09 0.33 0.00	46.99 0.43 0.00	50.71 1.15 0.00	47.18 1.41 0.00	51.98 1.90 0.00	43.42 1.48 0.00	43.19 1.33 0.00
QUAKERRD_115KV_BK1 80622	25.08 -0.57 0.70	25.41 -0.67 0.00	23.05 -0.57 0.00	16.42 -0.43 0.00	14.64 -0.38 0.00	23.99 -0.59 0.00	26.83 -0.87 0.00	27.18 -0.80 0.00	28.62 -0.76 0.00	36.24 -0.82 1.40	33.73 -0.69 0.45	35.81 -0.70 0.02	33.76 -0.81 0.00	37.42 -1.21 0.00	37.41 -1.42 0.00	39.17 -1.47 0.00	140.07 -5.07 0.00	46.20 -1.56 0.00	45.02 -1.54 0.00	47.79 -1.78 0.00	44.45 -1.32 0.00	48.78 -1.37 -0.07	40.67 -1.27 0.00	40.78 -1.10 -0.02
QUENSBRY_115KV_TB8 356137	97.11 1.89 -68.86	28.08 2.00 0.00	25.44 1.82 0.00	18.13 1.27 0.00	16.14 1.12 0.00	26.29 1.71 0.00	29.41 1.71 0.00	29.44 1.46 0.00	30.62 1.24 0.00	37.74 0.93 1.65	35.60 1.26 0.53	38.19 1.68 0.03	36.16 1.58 0.00	40.41 1.79 0.00	40.76 1.93 0.00	42.82 2.19 0.00	151.37 6.22 0.00	50.07 2.31 0.00	49.08 2.52 0.00	52.53 2.96 0.00	48.21 2.44 0.00	52.60 2.58 0.06	43.98 2.04 0.00	43.98 2.14 0.02
RAMAPO___LBMP 323565	29.84 1.16 -2.32	27.26 1.18 0.00	24.70 1.08 0.00	17.68 0.84 0.00	15.72 0.70 0.00	25.43 0.85 0.00	28.45 0.74 0.00	28.79 0.81 0.00	30.37 1.00 0.00	38.14 1.18 1.51	36.08 1.69 0.49	38.39 1.89 0.02	36.58 2.01 0.00	40.89 2.26 0.00	41.12 2.29 0.00	42.91 2.28 0.00	152.90 7.76 0.00	50.41 2.65 0.00	49.06 2.51 0.00	51.89 2.33 0.00	47.57 1.80 0.00	51.93 1.92 0.07	43.64 1.70 0.00	43.44 1.61 0.02
RANKINE____ 23646	26.12 -0.24 0.00	25.65 -0.43 0.00	23.37 -0.25 0.00	16.64 -0.21 0.00	14.85 -0.17 0.00	24.48 -0.10 0.00	27.30 -0.40 0.00	27.79 -0.19 0.00	29.38 0.00 0.00	37.37 0.53 1.63	34.74 0.39 0.53	36.94 0.43 0.03	34.68 0.10 0.00	38.13 -0.49 0.00	37.89 -0.94 0.00	39.65 -0.98 0.00	141.72 -3.43 0.00	46.55 -1.21 0.00	45.40 -1.15 0.00	48.17 -1.39 0.00	45.15 -0.62 0.00	49.80 -0.28 0.00	41.54 -0.41 0.00	42.00 0.14 0.00
RAVENSWOOD_GT2_1 24244	30.21 1.43 -2.42	27.55 1.47 0.00	24.97 1.35 0.00	17.89 1.04 0.00	15.91 0.88 0.00	25.69 1.12 0.00	28.71 1.01 0.00	29.16 1.18 0.00	30.80 1.43 0.00	38.69 1.74 1.52	36.62 2.24 0.49	39.00 2.50 0.02	37.19 2.61 0.00	41.53 2.91 0.00	41.70 2.87 0.00	43.53 2.90 0.00	154.92 9.78 0.00	51.07 3.31 0.00	49.68 3.12 0.00	52.52 2.95 0.00	48.07 2.30 0.00	52.41 2.40 0.07	44.11 2.17 0.00	43.91 2.07 0.02
RAVENSWOOD_GT2_2 24245	30.21 1.43 -2.42	27.55 1.47 0.00	24.97 1.35 0.00	17.89 1.04 0.00	15.91 0.88 0.00	25.69 1.12 0.00	28.71 1.01 0.00	29.16 1.18 0.00	30.80 1.43 0.00	38.69 1.74 1.52	36.62 2.24 0.49	39.00 2.50 0.02	37.19 2.61 0.00	41.53 2.91 0.00	41.70 2.87 0.00	43.53 2.90 0.00	154.92 9.78 0.00	51.07 3.31 0.00	49.68 3.12 0.00	52.52 2.95 0.00	48.07 2.30 0.00	52.41 2.40 0.07	44.11 2.17 0.00	43.91 2.07 0.02

RAVENSWOOD_GT2_3 24246	30.22 1.44 -2.42	27.57 1.49 0.00	24.99 1.37 0.00	17.90 1.05 0.00	15.92 0.89 0.00	25.71 1.13 0.00	28.73 1.03 0.00	29.18 1.20 0.00	30.83 1.45 0.00	38.72 1.77 1.52	36.64 2.26 0.49	39.02 2.52 0.02	37.21 2.64 0.00	41.55 2.93 0.00	41.72 2.89 0.00	43.56 2.93 0.00	154.97 9.83 0.00	51.09 3.33 0.00	49.71 3.15 0.00	52.55 2.99 0.00	48.11 2.34 0.00	52.44 2.43 0.07	44.14 2.20 0.00	43.94 2.10 0.02
RAVENSWOOD_GT2_4 24247	30.22 1.44 -2.42	27.57 1.49 0.00	24.99 1.37 0.00	17.90 1.05 0.00	15.92 0.89 0.00	25.71 1.13 0.00	28.73 1.03 0.00	29.18 1.20 0.00	30.83 1.45 0.00	38.72 1.77 1.52	36.64 2.26 0.49	39.02 2.52 0.02	37.21 2.64 0.00	41.55 2.93 0.00	41.72 2.89 0.00	43.56 2.93 0.00	154.97 9.83 0.00	51.09 3.33 0.00	49.71 3.15 0.00	52.55 2.99 0.00	48.11 2.34 0.00	52.44 2.43 0.07	44.14 2.20 0.00	43.94 2.10 0.02
RAVENSWOOD_GT3_1 24248	30.21 1.43 -2.42	27.55 1.47 0.00	24.97 1.35 0.00	17.89 1.04 0.00	15.91 0.88 0.00	25.70 1.12 0.00	28.72 1.02 0.00	29.16 1.18 0.00	30.80 1.43 0.00	38.69 1.74 1.52	36.62 2.24 0.49	39.01 2.50 0.02	37.19 2.61 0.00	41.53 2.91 0.00	41.70 2.87 0.00	43.54 2.91 0.00	154.93 9.79 0.00	51.07 3.31 0.00	49.68 3.12 0.00	52.52 2.95 0.00	48.07 2.30 0.00	52.41 2.40 0.07	44.11 2.17 0.00	43.91 2.07 0.02
RAVENSWOOD_GT3_2 24249	30.21 1.43 -2.42	27.55 1.47 0.00	24.97 1.35 0.00	17.89 1.04 0.00	15.91 0.88 0.00	25.70 1.12 0.00	28.72 1.02 0.00	29.16 1.18 0.00	30.80 1.43 0.00	38.69 1.74 1.52	36.62 2.24 0.49	39.01 2.50 0.02	37.19 2.61 0.00	41.53 2.91 0.00	41.70 2.87 0.00	43.54 2.91 0.00	154.93 9.79 0.00	51.07 3.31 0.00	49.68 3.12 0.00	52.52 2.95 0.00	48.07 2.30 0.00	52.41 2.40 0.07	44.11 2.17 0.00	43.91 2.07 0.02
RAVENSWOOD_GT3_3 24250	30.25 1.48 -2.42	27.60 1.52 0.00	25.02 1.40 0.00	17.93 1.08 0.00	15.94 0.91 0.00	25.74 1.17 0.00	28.78 1.07 0.00	29.23 1.25 0.00	30.87 1.49 0.00	38.77 1.82 1.52	36.69 2.31 0.49	39.08 2.58 0.02	37.26 2.69 0.00	41.62 2.99 0.00	41.78 2.96 0.00	43.62 2.99 0.00	155.22 10.08 0.00	51.17 3.42 0.00	49.78 3.22 0.00	52.63 3.06 0.00	48.18 2.41 0.00	52.52 2.51 0.07	44.20 2.26 0.00	43.99 2.16 0.02
RAVENSWOOD_GT3_4 24251	30.25 1.48 -2.42	27.60 1.52 0.00	25.02 1.40 0.00	17.93 1.08 0.00	15.94 0.91 0.00	25.74 1.17 0.00	28.78 1.07 0.00	29.23 1.25 0.00	30.87 1.49 0.00	38.77 1.82 1.52	36.69 2.31 0.49	39.08 2.58 0.02	37.26 2.69 0.00	41.62 2.99 0.00	41.78 2.96 0.00	43.62 2.99 0.00	155.22 10.08 0.00	51.17 3.42 0.00	49.78 3.22 0.00	52.63 3.06 0.00	48.18 2.41 0.00	52.52 2.51 0.07	44.20 2.26 0.00	43.99 2.16 0.02
RAVENSWOOD_GT_1 23729	30.23 1.45 -2.42	27.58 1.49 0.00	25.00 1.38 0.00	17.91 1.06 0.00	15.92 0.89 0.00	25.71 1.14 0.00	28.74 1.04 0.00	29.20 1.22 0.00	30.87 1.49 0.00	38.75 1.81 1.52	36.68 2.29 0.49	39.05 2.55 0.02	37.25 2.67 0.00	41.57 2.95 0.00	41.73 2.90 0.00	43.54 2.91 0.00	154.75 9.61 0.00	51.01 3.25 0.00	49.58 3.02 0.00	52.45 2.89 0.00	48.05 2.28 0.00	52.40 2.39 0.07	44.16 2.22 0.00	43.97 2.13 0.02
RAVENSWOOD_GT_10 24258	30.21 1.43 -2.42	27.55 1.47 0.00	24.97 1.35 0.00	17.89 1.04 0.00	15.91 0.88 0.00	25.70 1.12 0.00	28.72 1.02 0.00	29.16 1.18 0.00	30.80 1.43 0.00	38.69 1.74 1.52	36.62 2.24 0.49	39.01 2.50 0.02	37.19 2.61 0.00	41.53 2.91 0.00	41.70 2.87 0.00	43.54 2.91 0.00	154.94 9.79 0.00	51.07 3.32 0.00	49.69 3.14 0.00	52.53 2.97 0.00	48.09 2.31 0.00	52.42 2.41 0.07	44.11 2.17 0.00	43.91 2.07 0.02
RAVENSWOOD_GT_11 24259	30.21 1.43 -2.42	27.55 1.47 0.00	24.97 1.35 0.00	17.89 1.04 0.00	15.91 0.88 0.00	25.70 1.12 0.00	28.72 1.02 0.00	29.16 1.18 0.00	30.80 1.43 0.00	38.69 1.74 1.52	36.62 2.24 0.49	39.01 2.50 0.02	37.19 2.61 0.00	41.53 2.91 0.00	41.70 2.87 0.00	43.54 2.91 0.00	154.94 9.79 0.00	51.07 3.32 0.00	49.69 3.14 0.00	52.53 2.97 0.00	48.09 2.31 0.00	52.42 2.41 0.07	44.11 2.17 0.00	43.91 2.07 0.02
RAVENSWOOD_GT_4 24252	30.21 1.44 -2.42	27.56 1.48 0.00	24.98 1.36 0.00	17.90 1.05 0.00	15.91 0.88 0.00	25.71 1.13 0.00	28.73 1.03 0.00	29.17 1.19 0.00	30.82 1.44 0.00	38.71 1.76 1.52	36.63 2.25 0.49	39.02 2.51 0.02	37.20 2.63 0.00	41.54 2.92 0.00	41.72 2.89 0.00	43.56 2.93 0.00	155.04 9.89 0.00	51.11 3.35 0.00	49.74 3.19 0.00	52.57 3.01 0.00	48.12 2.35 0.00	52.46 2.45 0.07	44.14 2.19 0.00	43.92 2.08 0.02
RAVENSWOOD_GT_5 24254	30.21 1.44 -2.42	27.56 1.48 0.00	24.98 1.36 0.00	17.90 1.05 0.00	15.91 0.88 0.00	25.71 1.13 0.00	28.73 1.03 0.00	29.17 1.19 0.00	30.82 1.44 0.00	38.71 1.76 1.52	36.63 2.25 0.49	39.02 2.51 0.02	37.20 2.63 0.00	41.54 2.92 0.00	41.72 2.89 0.00	43.56 2.93 0.00	155.04 9.89 0.00	51.11 3.35 0.00	49.74 3.19 0.00	52.57 3.01 0.00	48.12 2.35 0.00	52.46 2.45 0.07	44.14 2.19 0.00	43.92 2.08 0.02
RAVENSWOOD_GT_6 24253	30.21 1.44 -2.42	27.56 1.48 0.00	24.98 1.36 0.00	17.90 1.05 0.00	15.91 0.88 0.00	25.71 1.13 0.00	28.73 1.03 0.00	29.17 1.19 0.00	30.82 1.44 0.00	38.71 1.76 1.52	36.63 2.25 0.49	39.02 2.51 0.02	37.20 2.63 0.00	41.54 2.92 0.00	41.72 2.89 0.00	43.56 2.93 0.00	155.04 9.89 0.00	51.11 3.35 0.00	49.74 3.19 0.00	52.57 3.01 0.00	48.12 2.35 0.00	52.46 2.45 0.07	44.14 2.19 0.00	43.92 2.08 0.02
RAVENSWOOD_GT_7 24255	30.21 1.44 -2.42	27.56 1.48 0.00	24.98 1.36 0.00	17.90 1.05 0.00	15.91 0.88 0.00	25.71 1.13 0.00	28.73 1.03 0.00	29.17 1.19 0.00	30.82 1.44 0.00	38.71 1.76 1.52	36.63 2.25 0.49	39.02 2.51 0.02	37.20 2.63 0.00	41.54 2.92 0.00	41.72 2.89 0.00	43.56 2.93 0.00	155.04 9.89 0.00	51.11 3.35 0.00	49.74 3.19 0.00	52.57 3.01 0.00	48.12 2.35 0.00	52.46 2.45 0.07	44.14 2.19 0.00	43.92 2.08 0.02
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	30.21 1.43 -2.42	27.55 1.47 0.00	24.97 1.35 0.00	17.89 1.04 0.00	15.91 0.88 0.00	25.70 1.12 0.00	28.72 1.02 0.00	29.16 1.18 0.00	30.80 1.43 0.00	38.69 1.74 1.52	36.62 2.24 0.49	39.01 2.50 0.02	37.19 2.61 0.00	41.53 2.91 0.00	41.70 2.87 0.00	43.54 2.91 0.00	154.94 9.79 0.00	51.07 3.32 0.00	49.69 3.14 0.00	52.53 2.97 0.00	48.09 2.31 0.00	52.42 2.41 0.07	44.11 2.17 0.00	43.91 2.07 0.02
RAVENSWOOD_GT_9 24257	30.21 1.43 -2.42	27.55 1.47 0.00	24.97 1.35 0.00	17.89 1.04 0.00	15.91 0.88 0.00	25.70 1.12 0.00	28.72 1.02 0.00	29.16 1.18 0.00	30.80 1.43 0.00	38.69 1.74 1.52	36.62 2.24 0.49	39.01 2.50 0.02	37.19 2.61 0.00	41.53 2.91 0.00	41.70 2.87 0.00	43.54 2.91 0.00	154.94 9.79 0.00	51.07 3.32 0.00	49.69 3.14 0.00	52.53 2.97 0.00	48.09 2.31 0.00	52.42 2.41 0.07	44.11 2.17 0.00	43.91 2.07 0.02

RAVENSWOOD___1 23533	30.18 1.40 -2.42	27.54 1.46 0.00	24.96 1.34 0.00	17.89 1.03 0.00	15.90 0.88 0.00	25.67 1.09 0.00	28.68 0.98 0.00	29.15 1.17 0.00	30.80 1.43 0.00	38.67 1.72 1.52	36.61 2.22 0.49	38.98 2.47 0.02	37.17 2.60 0.00	41.49 2.87 0.00	41.65 2.82 0.00	43.47 2.84 0.00	154.52 9.38 0.00	50.93 3.17 0.00	49.49 2.94 0.00	52.36 2.80 0.00	47.97 2.20 0.00	52.31 2.30 0.07	44.08 2.14 0.00	43.89 2.05 0.02
RAVENSWOOD___2 23534	30.18 1.40 -2.42	27.54 1.46 0.00	24.96 1.34 0.00	17.89 1.03 0.00	15.90 0.88 0.00	25.66 1.09 0.00	28.68 0.98 0.00	29.15 1.17 0.00	30.80 1.43 0.00	38.67 1.72 1.52	36.61 2.22 0.49	38.98 2.47 0.02	37.17 2.60 0.00	41.43 2.81 0.00	41.59 2.76 0.00	43.40 2.77 0.00	154.07 8.92 0.00	50.74 2.98 0.00	49.19 2.64 0.00	52.04 2.48 0.00	47.68 1.91 0.00	51.99 1.98 0.07	43.92 1.98 0.00	43.84 2.00 0.02
RAVENSWOOD___3 23535	30.21 1.44 -2.42	27.55 1.47 0.00	24.97 1.35 0.00	17.89 1.04 0.00	15.91 0.88 0.00	25.70 1.12 0.00	28.72 1.02 0.00	29.16 1.18 0.00	30.80 1.43 0.00	38.70 1.75 1.52	36.62 2.23 0.49	39.01 2.50 0.02	37.19 2.61 0.00	41.53 2.91 0.00	41.70 2.88 0.00	43.54 2.91 0.00	154.93 9.79 0.00	51.07 3.31 0.00	49.68 3.12 0.00	52.52 2.96 0.00	48.09 2.32 0.00	52.42 2.41 0.07	44.11 2.17 0.00	43.91 2.07 0.02
RAVENSWOOD___4 23820	30.18 1.40 -2.42	27.54 1.46 0.00	24.96 1.34 0.00	17.89 1.03 0.00	15.90 0.88 0.00	25.67 1.09 0.00	28.68 0.98 0.00	29.15 1.17 0.00	30.80 1.43 0.00	38.67 1.72 1.52	36.61 2.22 0.49	38.98 2.47 0.02	37.17 2.60 0.00	41.49 2.87 0.00	41.65 2.82 0.00	43.47 2.84 0.00	154.52 9.38 0.00	50.93 3.17 0.00	49.49 2.94 0.00	52.36 2.80 0.00	47.97 2.20 0.00	52.31 2.30 0.07	44.08 2.14 0.00	43.89 2.05 0.02
RCPL_TRUST___DRP 24196	30.23 1.46 -2.41	27.58 1.50 0.00	25.00 1.38 0.00	17.92 1.07 0.00	15.93 0.90 0.00	25.73 1.15 0.00	28.75 1.04 0.00	29.21 1.23 0.00	30.86 1.48 0.00	38.78 1.83 1.52	36.70 2.31 0.49	39.09 2.59 0.02	37.27 2.70 0.00	41.62 3.00 0.00	41.78 2.96 0.00	43.63 3.00 0.00	155.26 10.11 0.00	51.18 3.42 0.00	49.81 3.25 0.00	52.63 3.07 0.00	48.13 2.36 0.00	52.46 2.45 0.07	44.12 2.18 0.00	43.91 2.07 0.02
RED___ROCHESTER 323720	25.90 0.21 0.68	26.14 0.06 0.00	23.71 0.09 0.00	16.87 0.02 0.00	15.05 0.03 0.00	24.70 0.13 0.00	27.61 -0.09 0.00	28.01 0.03 0.00	29.53 0.15 0.00	37.49 0.45 1.43	34.85 0.45 0.47	37.02 0.51 0.02	34.86 0.29 0.00	38.59 -0.04 0.00	38.54 -0.29 0.00	40.32 -0.31 0.00	144.27 -0.88 0.00	47.53 -0.23 0.00	46.32 -0.23 0.00	49.14 -0.42 0.00	45.76 -0.01 0.00	50.25 0.12 -0.06	41.87 -0.07 0.00	42.02 0.15 -0.02
REGAN___SOLAR 323812	64.09 1.59 -36.13	27.64 1.56 0.00	25.06 1.44 0.00	17.87 1.02 0.00	15.93 0.90 0.00	25.92 1.35 0.00	29.02 1.32 0.00	28.82 0.84 0.00	29.69 0.32 0.00	36.74 -0.05 1.68	34.34 0.01 0.54	36.55 0.05 0.03	34.76 0.19 0.00	38.78 0.16 0.00	39.06 0.23 0.00	40.87 0.24 0.00	147.03 1.89 0.00	49.08 1.33 0.00	48.83 2.27 0.00	53.01 3.44 0.00	49.12 3.34 0.00	53.65 3.63 0.07	44.80 2.86 0.00	44.59 2.75 0.02
RENSSELAER___COGEN 23796	23.32 0.26 3.30	26.45 0.37 0.00	23.99 0.37 0.00	17.15 0.30 0.00	15.27 0.25 0.00	24.78 0.20 0.00	27.68 -0.02 0.00	27.94 -0.04 0.00	29.31 -0.06 0.00	36.59 -0.27 1.61	34.45 0.09 0.52	36.70 0.19 0.03	34.73 0.15 0.00	38.71 0.09 0.00	38.93 0.10 0.00	40.64 0.01 0.00	145.79 0.65 0.00	47.64 -0.12 0.00	46.79 0.23 0.00	49.68 0.11 0.00	45.73 -0.04 0.00	49.89 -0.13 0.06	41.87 -0.07 0.00	41.71 -0.14 0.02
REPUBLIC_115KV_BARTNBRK 55605	99.75 2.79 -70.60	29.04 2.96 0.00	26.33 2.71 0.00	18.70 1.85 0.00	16.64 1.62 0.00	27.23 2.66 0.00	30.35 2.65 0.00	29.60 1.62 0.00	30.87 1.49 0.00	38.08 1.26 1.65	36.22 1.87 0.53	39.62 3.11 0.03	37.57 3.00 0.00	41.87 3.25 0.00	42.23 3.40 0.00	44.50 3.87 0.00	156.29 11.14 0.00	52.27 4.51 0.00	51.33 4.77 0.00	56.23 6.67 0.00	51.22 5.45 0.00	54.72 4.70 0.06	45.88 3.93 0.00	45.85 4.00 0.02
REVERE_CPPR_DRP 24186	26.46 1.13 1.03	27.19 1.11 0.00	24.60 0.98 0.00	17.54 0.69 0.00	15.60 0.57 0.00	25.51 0.93 0.00	28.69 0.98 0.00	28.90 0.92 0.00	30.26 0.88 0.00	37.65 0.83 1.65	35.16 0.82 0.53	37.47 0.97 0.03	35.47 0.89 0.00	39.65 1.03 0.00	40.11 1.28 0.00	41.99 1.35 0.00	150.60 5.45 0.00	49.76 2.00 0.00	49.14 2.58 0.00	52.30 2.73 0.00	48.28 2.51 0.00	52.68 2.60 0.00	43.85 1.91 0.00	43.61 1.75 0.00
REYNLDPA_13_KV_LD 356490	26.43 0.07 0.00	26.11 0.03 0.00	23.62 0.00 0.00	16.80 -0.05 0.00	15.01 -0.01 0.00	24.73 0.15 0.00	28.07 0.37 0.00	28.42 0.44 0.00	29.76 0.38 0.00	38.46 0.62 0.63	34.91 0.23 0.21	36.58 0.07 0.01	34.43 -0.15 0.00	38.52 -0.10 0.00	38.80 -0.03 0.00	40.83 0.19 0.00	146.42 1.28 0.00	47.69 -0.07 0.00	46.84 0.29 0.00	50.12 0.55 0.00	46.45 0.68 0.00	50.97 0.89 0.00	42.62 0.68 0.00	42.49 0.63 0.00
REYNOLDS_115KV_TB3 80639	19.48 0.44 7.32	26.63 0.55 0.00	24.15 0.53 0.00	17.26 0.41 0.00	15.37 0.34 0.00	24.92 0.34 0.00	27.80 0.10 0.00	28.05 0.07 0.00	29.42 0.05 0.00	36.71 -0.14 1.61	34.57 0.22 0.52	36.83 0.32 0.03	34.87 0.29 0.00	38.91 0.29 0.00	39.14 0.31 0.00	40.83 0.20 0.00	146.52 1.37 0.00	47.69 -0.07 0.00	47.03 0.47 0.00	49.97 0.41 0.00	45.99 0.23 0.00	50.19 0.16 0.06	42.13 0.19 0.00	42.00 0.16 0.02
RIVERBAY____ 323610	30.86 2.08 -2.42	28.20 2.12 0.00	25.61 2.00 0.00	18.34 1.49 0.00	16.32 1.30 0.00	26.37 1.79 0.00	29.57 1.87 0.00	30.03 2.05 0.00	31.67 2.29 0.00	39.71 2.76 1.52	37.57 3.19 0.49	39.98 3.47 0.02	38.10 3.53 0.00	42.53 3.91 0.00	42.72 3.89 0.00	44.61 3.98 0.00	158.68 13.53 0.00	52.47 4.71 0.00	50.89 4.34 0.00	53.80 4.23 0.00	49.42 3.65 0.00	53.89 3.88 0.07	45.27 3.33 0.00	45.02 3.18 0.02
RIVERSDE_115KV_TB3 55908	23.89 0.39 2.86	26.57 0.49 0.00	24.10 0.48 0.00	17.23 0.38 0.00	15.33 0.31 0.00	24.87 0.30 0.00	27.77 0.07 0.00	28.03 0.05 0.00	29.40 0.03 0.00	36.69 -0.16 1.61	34.55 0.20 0.52	36.84 0.34 0.03	34.87 0.30 0.00	38.91 0.29 0.00	39.15 0.32 0.00	40.85 0.22 0.00	146.59 1.44 0.00	47.83 0.07 0.00	47.06 0.50 0.00	49.96 0.40 0.00	45.99 0.22 0.00	50.17 0.14 0.06	42.09 0.15 0.00	41.94 0.09 0.02
ROARING___BROOK_WT_PWR 323790	25.30 -0.09 0.97	25.99 -0.09 0.00	23.50 -0.11 0.00	16.78 -0.07 0.00	14.95 -0.08 0.00	24.51 -0.07 0.00	27.66 -0.04 0.00	27.93 -0.05 0.00	29.31 -0.06 0.00	36.90 -0.14 1.42	34.29 -0.12 0.46	36.39 -0.12 0.02	34.41 -0.17 0.00	38.42 -0.20 0.00	38.63 -0.20 0.00	40.46 -0.16 0.00	144.86 -0.28 0.00	47.68 -0.08 0.00	46.51 -0.04 0.00	49.57 0.00 0.00	45.82 0.04 0.00	50.16 0.08 0.00	41.98 0.04 0.00	41.90 0.05 0.00

ROCHESRG_115KV_T4 355643	25.55 -0.13 0.68	25.84 -0.24 0.00	23.44 -0.17 0.00	16.69 -0.16 0.00	14.89 -0.13 0.00	24.43 -0.14 0.00	27.30 -0.40 0.00	27.67 -0.32 0.00	29.16 -0.21 0.00	36.99 -0.03 1.45	34.40 -0.01 0.47	36.53 0.02 0.02	34.37 -0.20 0.00	38.03 -0.59 0.00	37.97 -0.86 0.00	39.72 -0.92 0.00	142.00 -3.15 0.00	46.79 -0.97 0.00	45.62 -0.94 0.00	48.42 -1.15 0.00	45.11 -0.66 0.00	49.56 -0.57 -0.05	41.33 -0.62 0.00	41.51 -0.36 -0.01
ROCHESTER_9_IC 23652	25.74 0.06 0.68	26.01 -0.07 0.00	23.59 -0.03 0.00	16.79 -0.06 0.00	14.98 -0.05 0.00	24.58 0.01 0.00	27.48 -0.22 0.00	27.86 -0.12 0.00	29.37 -0.01 0.00	37.27 0.23 1.43	34.65 0.23 0.47	36.79 0.28 0.02	34.64 0.06 0.00	38.32 -0.30 0.00	38.27 -0.56 0.00	40.03 -0.60 0.00	143.17 -1.97 0.00	47.18 -0.58 0.00	45.97 -0.58 0.00	48.80 -0.77 0.00	45.45 -0.32 0.00	49.93 -0.21 -0.06	41.62 -0.32 0.00	41.78 -0.10 -0.02
ROCKVIEW_13_KV_LD 356306	30.24 1.47 -2.42	27.59 1.51 0.00	25.00 1.38 0.00	17.90 1.05 0.00	15.92 0.89 0.00	25.74 1.16 0.00	28.77 1.07 0.00	29.19 1.21 0.00	30.81 1.44 0.00	38.73 1.78 1.52	36.63 2.25 0.49	39.01 2.51 0.02	37.18 2.61 0.00	41.54 2.92 0.00	41.74 2.91 0.00	43.60 2.97 0.00	155.27 10.13 0.00	51.19 3.43 0.00	49.82 3.26 0.00	52.68 3.11 0.00	48.26 2.49 0.00	52.61 2.60 0.07	44.24 2.30 0.00	44.04 2.20 0.02
ROME____115KV_TB2 80656	26.46 1.13 1.03	27.19 1.11 0.00	24.60 0.98 0.00	17.54 0.69 0.00	15.60 0.57 0.00	25.51 0.93 0.00	28.69 0.98 0.00	28.90 0.92 0.00	30.26 0.88 0.00	37.65 0.83 1.65	35.16 0.82 0.53	37.47 0.97 0.03	35.47 0.89 0.00	39.65 1.03 0.00	40.11 1.28 0.00	41.99 1.35 0.00	150.60 5.45 0.00	49.76 2.00 0.00	49.14 2.58 0.00	52.30 2.73 0.00	48.28 2.51 0.00	52.68 2.60 0.00	43.85 1.91 0.00	43.61 1.75 0.00
ROSETON___1 23587	29.89 1.14 -2.39	27.26 1.18 0.00	24.72 1.10 0.00	17.70 0.85 0.00	15.74 0.72 0.00	25.47 0.89 0.00	28.47 0.77 0.00	28.81 0.83 0.00	30.36 0.99 0.00	38.09 1.14 1.52	35.99 1.60 0.49	38.31 1.81 0.02	36.49 1.91 0.00	40.77 2.15 0.00	40.99 2.16 0.00	42.82 2.19 0.00	152.65 7.51 0.00	50.29 2.53 0.00	48.99 2.43 0.00	51.84 2.28 0.00	47.55 1.78 0.00	51.88 1.87 0.07	43.59 1.65 0.00	43.44 1.60 0.02
ROSETON___2 23588	29.89 1.14 -2.39	27.26 1.18 0.00	24.72 1.10 0.00	17.70 0.85 0.00	15.74 0.72 0.00	25.47 0.89 0.00	28.47 0.77 0.00	28.81 0.83 0.00	30.36 0.99 0.00	38.09 1.14 1.52	35.99 1.60 0.49	38.31 1.81 0.02	36.49 1.91 0.00	40.77 2.15 0.00	40.99 2.16 0.00	42.82 2.19 0.00	152.65 7.51 0.00	50.29 2.53 0.00	48.99 2.43 0.00	51.84 2.28 0.00	47.55 1.78 0.00	51.88 1.87 0.07	43.59 1.65 0.00	43.44 1.60 0.02
ROTRDAM_115KV_TB3 80664	66.83 0.76 -39.71	26.88 0.80 0.00	24.39 0.77 0.00	17.42 0.57 0.00	15.50 0.48 0.00	25.20 0.62 0.00	28.21 0.51 0.00	28.43 0.45 0.00	29.81 0.43 0.00	37.15 0.34 1.66	34.93 0.59 0.54	37.23 0.73 0.03	35.33 0.76 0.00	39.45 0.83 0.00	39.69 0.86 0.00	41.52 0.89 0.00	148.36 3.21 0.00	48.83 1.07 0.00	47.67 1.11 0.00	50.74 1.18 0.00	46.77 1.00 0.00	51.09 1.06 0.06	42.84 0.89 0.00	42.76 0.92 0.02
RUSSELL___1 23602	25.89 0.21 0.68	26.15 0.07 0.00	23.71 0.09 0.00	16.87 0.02 0.00	15.05 0.03 0.00	24.70 0.13 0.00	27.61 -0.09 0.00	28.01 0.03 0.00	29.53 0.15 0.00	37.48 0.45 1.43	34.85 0.44 0.47	37.02 0.51 0.02	34.86 0.28 0.00	38.58 -0.04 0.00	38.54 -0.29 0.00	40.33 -0.31 0.00	144.27 -0.88 0.00	47.54 -0.22 0.00	46.33 -0.22 0.00	49.15 -0.41 0.00	45.77 -0.01 0.00	50.26 0.13 -0.06	41.87 -0.07 0.00	42.02 0.14 -0.02
RUSSELL___2 23532	25.89 0.21 0.68	26.15 0.07 0.00	23.71 0.09 0.00	16.87 0.02 0.00	15.05 0.03 0.00	24.70 0.13 0.00	27.61 -0.09 0.00	28.01 0.03 0.00	29.53 0.15 0.00	37.48 0.45 1.43	34.85 0.44 0.47	37.02 0.51 0.02	34.86 0.28 0.00	38.58 -0.04 0.00	38.54 -0.29 0.00	40.33 -0.31 0.00	144.27 -0.88 0.00	47.54 -0.22 0.00	46.33 -0.22 0.00	49.15 -0.41 0.00	45.77 -0.01 0.00	50.26 0.13 -0.06	41.87 -0.07 0.00	42.02 0.14 -0.02
RUSSELL___3 23549	25.89 0.21 0.68	26.15 0.07 0.00	23.71 0.09 0.00	16.87 0.02 0.00	15.05 0.03 0.00	24.70 0.13 0.00	27.61 -0.09 0.00	28.01 0.03 0.00	29.53 0.15 0.00	37.48 0.45 1.43	34.85 0.44 0.47	37.02 0.51 0.02	34.86 0.28 0.00	38.58 -0.04 0.00	38.54 -0.29 0.00	40.33 -0.31 0.00	144.27 -0.88 0.00	47.54 -0.22 0.00	46.33 -0.22 0.00	49.15 -0.41 0.00	45.77 -0.01 0.00	50.26 0.13 -0.06	41.87 -0.07 0.00	42.02 0.14 -0.02
RUSSELL___4 23556	25.89 0.21 0.68	26.15 0.07 0.00	23.71 0.09 0.00	16.87 0.02 0.00	15.05 0.03 0.00	24.70 0.13 0.00	27.61 -0.09 0.00	28.01 0.03 0.00	29.53 0.15 0.00	37.48 0.45 1.43	34.85 0.44 0.47	37.02 0.51 0.02	34.86 0.28 0.00	38.58 -0.04 0.00	38.54 -0.29 0.00	40.33 -0.31 0.00	144.27 -0.88 0.00	47.54 -0.22 0.00	46.33 -0.22 0.00	49.15 -0.41 0.00	45.77 -0.01 0.00	50.26 0.13 -0.06	41.87 -0.07 0.00	42.02 0.14 -0.02
RUSSELL___STATION 23914	25.89 0.21 0.68	26.15 0.07 0.00	23.71 0.09 0.00	16.87 0.02 0.00	15.05 0.03 0.00	24.70 0.13 0.00	27.61 -0.09 0.00	28.01 0.03 0.00	29.53 0.15 0.00	37.48 0.45 1.43	34.85 0.44 0.47	37.02 0.51 0.02	34.86 0.28 0.00	38.58 -0.04 0.00	38.54 -0.29 0.00	40.33 -0.31 0.00	144.27 -0.88 0.00	47.54 -0.22 0.00	46.33 -0.22 0.00	49.15 -0.41 0.00	45.77 -0.01 0.00	50.26 0.13 -0.06	41.87 -0.07 0.00	42.02 0.14 -0.02
S SALMON___HYD 24043	25.61 0.03 0.78	26.10 0.02 0.00	23.60 -0.02 0.00	16.84 -0.01 0.00	15.03 0.00 0.00	24.53 -0.05 0.00	27.58 -0.12 0.00	27.72 -0.26 0.00	29.07 -0.30 0.00	37.18 -0.76 0.53	34.08 -0.63 0.17	36.00 -0.52 0.01	33.98 -0.60 0.00	37.90 -0.72 0.00	38.33 -0.50 0.00	40.16 -0.48 0.00	143.26 -1.88 0.00	47.44 -0.32 0.00	46.63 0.07 0.00	49.71 0.15 0.00	46.07 0.30 0.00	50.83 0.37 -0.38	42.10 0.15 0.00	42.01 0.05 -0.11
S.PERRY__115KV_TB1 80734	26.74 0.38 0.00	26.45 0.37 0.00	24.01 0.39 0.00	17.07 0.22 0.00	15.24 0.22 0.00	25.10 0.52 0.00	28.18 0.48 0.00	28.52 0.55 0.00	29.90 0.52 0.00	37.53 0.67 1.61	34.87 0.52 0.52	36.87 0.37 0.03	34.16 -0.41 0.00	37.62 -1.00 0.00	37.76 -1.06 0.00	39.75 -0.88 0.00	143.24 -1.90 0.00	47.16 -0.60 0.00	46.12 -0.43 0.00	49.10 -0.47 0.00	45.96 0.18 0.00	50.41 0.34 0.00	42.02 0.07 0.00	42.95 1.10 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	25.88 -0.48 0.00	25.42 -0.66 0.00	23.15 -0.47 0.00	16.47 -0.38 0.00	14.71 -0.32 0.00	24.24 -0.34 0.00	27.00 -0.70 0.00	27.45 -0.53 0.00	29.00 -0.38 0.00	36.91 0.05 1.60	34.33 -0.03 0.52	36.51 0.00 0.03	34.22 -0.35 0.00	37.59 -1.03 0.00	37.32 -1.50 0.00	39.03 -1.60 0.00	139.50 -5.65 0.00	45.85 -1.90 0.00	44.74 -1.82 0.00	47.47 -2.09 0.00	44.55 -1.22 0.00	49.13 -0.94 0.00	41.03 -0.91 0.00	41.49 -0.37 0.00

SAWYER___23_KV_LOAD 55526	25.88 -0.48 0.00	25.42 -0.66 0.00	23.15 -0.47 0.00	16.47 -0.38 0.00	14.71 -0.32 0.00	24.24 -0.34 0.00	27.00 -0.70 0.00	27.45 -0.53 0.00	29.00 -0.38 0.00	36.91 0.05 1.60	34.33 -0.03 0.52	36.51 0.00 0.03	34.22 -0.35 0.00	37.59 -1.03 0.00	37.32 -1.50 0.00	39.03 -1.60 0.00	139.50 -5.65 0.00	45.85 -1.90 0.00	44.74 -1.82 0.00	47.47 -2.09 0.00	44.55 -1.22 0.00	49.13 -0.94 0.00	41.03 -0.91 0.00	41.49 -0.37 0.00
SELKIRK___I 23801	27.30 0.47 -0.47	26.69 0.61 0.00	24.22 0.60 0.00	17.31 0.47 0.00	15.42 0.39 0.00	25.02 0.45 0.00	27.98 0.28 0.00	28.16 0.18 0.00	29.49 0.11 0.00	36.81 -0.07 1.59	34.58 0.22 0.51	36.85 0.35 0.03	34.87 0.30 0.00	38.79 0.17 0.00	39.04 0.21 0.00	40.75 0.12 0.00	145.90 0.75 0.00	47.87 0.12 0.00	46.89 0.34 0.00	49.88 0.32 0.00	46.00 0.23 0.00	50.24 0.22 0.06	42.17 0.23 0.00	42.06 0.22 0.02
SELKIRK___II 23799	26.45 0.23 0.14	26.51 0.43 0.00	24.03 0.41 0.00	17.21 0.36 0.00	15.33 0.30 0.00	24.87 0.29 0.00	27.82 0.12 0.00	28.08 0.10 0.00	29.47 0.09 0.00	36.82 -0.05 1.59	34.63 0.28 0.52	36.90 0.40 0.03	34.90 0.33 0.00	38.78 0.16 0.00	38.92 0.10 0.00	40.66 0.03 0.00	145.68 0.53 0.00	47.73 -0.03 0.00	46.71 0.15 0.00	49.57 0.00 0.00	45.64 -0.13 0.00	49.83 -0.19 0.06	41.82 -0.12 0.00	41.67 -0.17 0.02
SENECA OSWGO___HYD 24041	25.27 -0.33 0.75	25.74 -0.35 0.00	23.32 -0.30 0.00	16.64 -0.21 0.00	14.83 -0.20 0.00	24.20 -0.37 0.00	27.13 -0.57 0.00	27.35 -0.63 0.00	28.71 -0.66 0.00	37.51 -0.96 0.00	34.10 -0.78 0.00	35.77 -0.76 0.00	33.91 -0.67 0.00	37.80 -0.83 0.00	37.96 -0.87 0.00	39.74 -0.89 0.00	141.80 -3.34 0.00	46.89 -0.87 0.00	45.78 -0.78 0.00	48.63 -0.94 0.00	44.93 -0.84 0.00	49.66 -1.00 -0.58	41.06 -0.88 0.00	41.11 -0.91 -0.16
SENECA___115KV_TB3 355854	26.16 -0.19 0.00	25.69 -0.38 0.00	23.40 -0.21 0.00	16.66 -0.19 0.00	14.88 -0.15 0.00	24.52 -0.06 0.00	27.34 -0.36 0.00	27.84 -0.14 0.00	29.43 0.05 0.00	37.44 0.60 1.63	34.81 0.46 0.53	37.01 0.51 0.03	34.73 0.16 0.00	38.21 -0.41 0.00	37.97 -0.86 0.00	39.73 -0.90 0.00	142.00 -3.15 0.00	46.64 -1.12 0.00	45.50 -1.06 0.00	48.25 -1.32 0.00	45.23 -0.54 0.00	49.89 -0.19 0.00	41.60 -0.34 0.00	42.06 0.20 0.00
SENECA___ENERGY 23797	26.46 0.10 0.00	26.09 0.01 0.00	23.65 0.04 0.00	16.88 0.04 0.00	15.06 0.03 0.00	24.59 0.02 0.00	27.64 -0.06 0.00	28.00 0.02 0.00	29.38 0.01 0.00	37.66 -0.04 0.77	34.62 0.00 0.25	36.61 0.10 0.01	34.83 0.26 0.00	38.67 0.05 0.00	38.75 -0.08 0.00	40.24 -0.40 0.00	143.89 -1.25 0.00	47.53 -0.22 0.00	46.36 -0.19 0.00	49.20 -0.36 0.00	45.55 -0.22 0.00	50.06 -0.29 -0.27	41.58 -0.37 0.00	41.68 -0.25 -0.08
SHOEMAKER___GT 23640	29.55 1.04 -2.15	27.13 1.05 0.00	24.60 0.98 0.00	17.59 0.75 0.00	15.66 0.63 0.00	25.36 0.79 0.00	28.40 0.69 0.00	28.69 0.71 0.00	30.19 0.81 0.00	37.89 0.91 1.49	35.68 1.29 0.48	37.96 1.46 0.02	36.12 1.55 0.00	40.39 1.77 0.00	40.64 1.81 0.00	42.46 1.82 0.00	151.49 6.35 0.00	49.97 2.21 0.00	48.76 2.20 0.00	51.65 2.09 0.00	47.47 1.69 0.00	51.79 1.79 0.07	43.49 1.54 0.00	43.31 1.47 0.02
SHOEMAKR_138KV_BK 111 55601	29.51 1.02 -2.12	27.12 1.04 0.00	24.58 0.96 0.00	17.59 0.73 0.00	15.65 0.62 0.00	25.35 0.77 0.00	28.38 0.68 0.00	28.69 0.71 0.00	30.19 0.82 0.00	37.91 0.92 1.48	35.72 1.32 0.48	38.01 1.50 0.02	36.17 1.60 0.00	40.43 1.81 0.00	40.67 1.84 0.00	42.48 1.85 0.00	151.60 6.46 0.00	50.00 2.24 0.00	48.74 2.18 0.00	51.63 2.07 0.00	47.43 1.66 0.00	51.75 1.74 0.07	43.45 1.52 0.00	43.28 1.45 0.02
SHOREHAM_IC_1 23715	29.48 0.70 -2.42	27.19 1.11 0.00	24.55 0.94 0.00	17.63 0.78 0.00	15.65 0.63 0.00	25.34 0.76 0.00	28.13 0.43 0.00	29.00 1.03 0.00	27.27 0.69 2.80	37.94 1.03 1.56	38.54 1.95 -1.72	38.64 1.91 -0.20	35.46 1.86 0.96	38.61 1.84 1.85	40.56 1.73 0.00	42.35 1.77 0.06	52.50 4.29 96.94	37.28 1.79 12.27	16.65 2.12 32.03	22.39 2.05 29.23	24.93 1.43 22.27	21.23 1.08 29.92	22.58 0.96 20.32	41.58 1.05 1.34
SHOREHAM_IC_2 23716	29.48 0.70 -2.42	27.19 1.11 0.00	24.55 0.94 0.00	17.63 0.78 0.00	15.65 0.63 0.00	25.34 0.77 0.00	28.13 0.43 0.00	29.00 1.02 0.00	27.28 0.69 2.80	37.94 1.03 1.56	38.55 1.95 -1.72	38.64 1.92 -0.20	35.47 1.86 0.96	38.63 1.86 1.85	40.56 1.73 0.00	42.33 1.76 0.06	52.50 4.29 96.94	37.29 1.80 12.27	16.65 2.12 32.03	22.38 2.05 29.23	24.93 1.42 22.27	21.23 1.07 29.92	22.58 0.96 20.32	41.58 1.05 1.34
SISSONVILLE____ 23735	25.86 -0.50 0.00	25.54 -0.54 0.00	23.07 -0.55 0.00	16.39 -0.46 0.00	14.66 -0.36 0.00	24.05 -0.53 0.00	27.46 -0.24 0.00	27.70 -0.28 0.00	28.94 -0.44 0.00	37.03 -0.64 0.80	33.79 -0.82 0.26	35.20 -1.32 0.01	32.77 -1.80 0.00	36.74 -1.88 0.00	37.21 -1.62 0.00	39.30 -1.33 0.00	141.25 -3.90 0.00	46.51 -1.25 0.00	45.48 -1.08 0.00	48.85 -0.72 0.00	45.35 -0.42 0.00	49.99 -0.13 -0.05	41.91 -0.03 0.00	41.71 -0.16 -0.01
SITHE_IND_GS1 24169	24.99 -0.57 0.80	25.51 -0.57 0.00	23.12 -0.49 0.00	16.51 -0.34 0.00	14.71 -0.31 0.00	24.00 -0.57 0.00	26.89 -0.81 0.00	27.08 -0.90 0.00	28.45 -0.93 0.00	31.71 -1.27 5.49	32.01 -1.08 1.78	35.36 -1.08 0.09	33.56 -1.01 0.00	37.38 -1.25 0.00	37.57 -1.26 0.00	39.31 -1.32 0.00	140.28 -4.87 0.00	46.30 -1.46 0.00	45.18 -1.38 0.00	48.02 -1.55 0.00	44.39 -1.39 0.00	46.87 -1.61 1.60	40.57 -1.37 0.00	40.07 -1.34 0.45
SITHE_IND_GS2 24170	24.99 -0.57 0.80	25.51 -0.57 0.00	23.12 -0.49 0.00	16.51 -0.34 0.00	14.71 -0.31 0.00	24.00 -0.57 0.00	26.89 -0.81 0.00	27.08 -0.90 0.00	28.45 -0.93 0.00	31.71 -1.27 5.49	32.01 -1.08 1.78	35.36 -1.08 0.09	33.56 -1.01 0.00	37.38 -1.25 0.00	37.57 -1.26 0.00	39.31 -1.32 0.00	140.28 -4.87 0.00	46.30 -1.46 0.00	45.18 -1.38 0.00	48.02 -1.55 0.00	44.39 -1.39 0.00	46.87 -1.61 1.60	40.57 -1.37 0.00	40.07 -1.34 0.45
SITHE_IND_GS3 24171	24.99 -0.57 0.80	25.51 -0.57 0.00	23.12 -0.49 0.00	16.51 -0.34 0.00	14.71 -0.31 0.00	24.00 -0.57 0.00	26.89 -0.81 0.00	27.08 -0.90 0.00	28.45 -0.93 0.00	31.71 -1.27 5.49	32.01 -1.08 1.78	35.36 -1.08 0.09	33.56 -1.01 0.00	37.38 -1.25 0.00	37.57 -1.26 0.00	39.31 -1.32 0.00	140.28 -4.87 0.00	46.30 -1.46 0.00	45.18 -1.38 0.00	48.02 -1.55 0.00	44.39 -1.39 0.00	46.87 -1.61 1.60	40.57 -1.37 0.00	40.07 -1.34 0.45
SITHE_IND_GS4 24172	24.99 -0.57 0.80	25.51 -0.57 0.00	23.12 -0.49 0.00	16.51 -0.34 0.00	14.71 -0.31 0.00	24.00 -0.57 0.00	26.89 -0.81 0.00	27.08 -0.90 0.00	28.45 -0.93 0.00	31.71 -1.27 5.49	32.01 -1.08 1.78	35.36 -1.08 0.09	33.56 -1.01 0.00	37.38 -1.25 0.00	37.57 -1.26 0.00	39.31 -1.32 0.00	140.28 -4.87 0.00	46.30 -1.46 0.00	45.18 -1.38 0.00	48.02 -1.55 0.00	44.39 -1.39 0.00	46.87 -1.61 1.60	40.57 -1.37 0.00	40.07 -1.34 0.45

SITHE___BATAVIA 24024	26.78 0.42 0.00	26.29 0.21 0.00	23.88 0.26 0.00	16.98 0.13 0.00	15.18 0.15 0.00	25.02 0.44 0.00	27.94 0.23 0.00	28.38 0.40 0.00	29.90 0.53 0.00	38.12 1.16 1.51	35.30 0.91 0.49	37.20 0.70 0.02	34.97 0.40 0.00	38.39 -0.23 0.00	38.45 -0.38 0.00	40.13 -0.50 0.00	143.73 -1.42 0.00	47.47 -0.29 0.00	46.34 -0.21 0.00	49.25 -0.31 0.00	46.17 0.40 0.00	50.87 0.79 0.00	42.38 0.44 0.00	42.74 0.88 0.00
SITHE___INDEPEND 23800	24.99 -0.57 0.80	25.51 -0.57 0.00	23.13 -0.49 0.00	16.51 -0.34 0.00	14.71 -0.31 0.00	24.00 -0.57 0.00	26.89 -0.81 0.00	27.08 -0.90 0.00	28.45 -0.93 0.00	31.71 -1.27 5.49	32.02 -1.08 1.78	35.36 -1.08 0.09	33.56 -1.01 0.00	37.38 -1.24 0.00	37.57 -1.26 0.00	39.32 -1.31 0.00	140.27 -4.87 0.00	46.30 -1.46 0.00	45.18 -1.38 0.00	48.02 -1.55 0.00	44.39 -1.39 0.00	46.87 -1.61 1.60	40.58 -1.36 0.00	40.07 -1.34 0.45
SITHE___MASSENA 23902	26.37 0.01 0.00	26.04 -0.04 0.00	23.56 -0.06 0.00	16.75 -0.10 0.00	14.98 -0.04 0.00	24.67 0.09 0.00	28.06 0.35 0.00	28.40 0.42 0.00	29.72 0.34 0.00	38.37 0.55 0.65	34.84 0.17 0.21	36.48 -0.04 0.01	34.29 -0.28 0.00	38.37 -0.25 0.00	38.68 -0.15 0.00	40.66 0.03 0.00	145.87 0.72 0.00	47.98 0.22 0.00	46.75 0.19 0.00	50.02 0.45 0.00	46.36 0.59 0.00	50.97 0.89 0.00	42.63 0.69 0.00	42.49 0.63 0.00
SITHE___OGDNSBRG 24021	26.81 0.45 0.00	26.44 0.36 0.00	23.90 0.28 0.00	16.98 0.13 0.00	15.20 0.17 0.00	25.08 0.50 0.00	28.59 0.89 0.00	28.78 0.80 0.00	30.04 0.67 0.00	38.50 0.76 0.72	34.98 0.34 0.23	36.50 -0.02 0.01	34.05 -0.52 0.00	38.28 -0.34 0.00	38.67 -0.16 0.00	40.90 0.27 0.00	147.38 2.23 0.00	48.45 0.69 0.00	47.28 0.72 0.00	50.95 1.38 0.00	47.39 1.61 0.00	52.18 2.10 0.00	43.55 1.61 0.00	43.35 1.49 0.00
SITHE___STERLING 23777	26.28 0.92 1.00	26.97 0.89 0.00	24.42 0.81 0.00	17.42 0.57 0.00	15.48 0.45 0.00	25.28 0.71 0.00	28.39 0.69 0.00	28.62 0.64 0.00	30.00 0.63 0.00	37.36 0.57 1.67	34.95 0.62 0.54	37.28 0.77 0.03	35.32 0.75 0.00	39.45 0.82 0.00	39.78 0.95 0.00	41.64 1.01 0.00	149.16 4.01 0.00	49.24 1.48 0.00	48.54 1.98 0.00	51.58 2.02 0.00	47.59 1.82 0.00	51.96 1.88 0.00	43.32 1.38 0.00	43.14 1.28 0.00
SLEIGHT__34_KV_TB1 80719	25.61 -0.07 0.68	25.92 -0.16 0.00	23.49 -0.13 0.00	16.74 -0.11 0.00	14.94 -0.08 0.00	24.44 -0.13 0.00	27.40 -0.30 0.00	27.73 -0.25 0.00	29.13 -0.25 0.00	37.04 -0.20 1.23	34.34 -0.14 0.40	36.38 -0.13 0.02	34.36 -0.21 0.00	38.21 -0.41 0.00	38.24 -0.59 0.00	40.00 -0.63 0.00	143.05 -2.10 0.00	47.30 -0.46 0.00	46.12 -0.44 0.00	48.93 -0.63 0.00	45.42 -0.35 0.00	49.88 -0.33 -0.13	41.50 -0.44 0.00	41.54 -0.36 -0.04
SMITHTWN_69_KV_BK 1 55830	30.00 1.22 -2.42	27.58 1.50 0.00	24.90 1.28 0.00	17.86 1.01 0.00	15.86 0.84 0.00	25.66 1.09 0.00	28.62 0.93 0.00	29.31 1.33 0.00	27.93 1.26 2.70	38.78 1.77 1.46	39.31 2.59 -1.85	39.39 2.61 -0.26	36.26 2.56 0.87	39.47 2.63 1.79	41.32 2.49 0.00	43.16 2.58 0.06	55.12 6.87 96.90	37.55 2.61 12.82	17.44 2.74 31.85	23.02 2.49 29.04	28.45 2.00 19.32	22.24 1.93 29.77	23.42 1.69 20.21	42.16 1.63 1.33
SOUTH CAIRO___GT 23612	27.91 1.30 -0.24	27.49 1.41 0.00	24.90 1.28 0.00	17.79 0.94 0.00	15.85 0.82 0.00	25.76 1.18 0.00	28.85 1.15 0.00	29.07 1.10 0.00	30.30 0.93 0.00	37.65 0.77 1.58	35.28 0.91 0.51	37.58 1.07 0.03	35.58 1.00 0.00	39.67 1.05 0.00	40.20 1.37 0.00	42.07 1.44 0.00	150.22 5.07 0.00	49.52 1.77 0.00	48.92 2.37 0.00	52.39 2.83 0.00	48.41 2.64 0.00	52.80 2.78 0.06	44.05 2.11 0.00	43.74 1.90 0.02
SOUTH HAMPTN___IC 23720	29.59 0.81 -2.42	27.25 1.17 0.00	24.62 1.01 0.00	17.71 0.86 0.00	15.74 0.71 0.00	25.52 0.95 0.00	28.33 0.63 0.00	29.16 1.18 0.00	27.59 1.04 2.83	38.49 1.60 1.58	39.18 2.62 -1.68	39.35 2.64 -0.18	36.26 2.68 0.99	39.42 2.67 1.87	41.44 2.61 0.00	43.02 2.44 0.06	54.50 6.38 97.03	38.06 2.55 12.25	17.30 2.85 32.10	22.98 2.69 29.28	25.26 2.00 22.52	21.75 1.64 29.97	22.97 1.38 20.35	41.87 1.35 1.34
SOUTHDOW_115KV_TB1 355954	26.74 0.38 0.00	26.41 0.33 0.00	24.19 0.57 0.00	17.38 0.53 0.00	15.42 0.40 0.00	25.55 0.97 0.00	28.77 1.07 0.00	29.52 1.54 0.00	31.34 1.97 0.00	39.88 3.10 1.68	37.09 2.76 0.55	39.44 2.93 0.03	37.09 2.52 0.00	40.81 2.19 0.00	40.45 1.63 0.00	42.00 1.37 0.00	150.00 4.86 0.00	49.17 1.41 0.00	47.32 0.76 0.00	50.11 0.55 0.00	46.87 1.10 0.00	51.69 1.66 0.05	43.13 1.19 0.00	43.56 1.71 0.01
SOUTHOLD_69_KV_BK 2 55809	29.37 0.60 -2.42	27.03 0.95 0.00	24.44 0.82 0.00	17.62 0.77 0.00	15.66 0.64 0.00	25.45 0.87 0.00	28.22 0.52 0.00	29.03 1.06 0.00	27.62 1.07 2.83	38.61 1.73 1.58	39.42 2.86 -1.68	39.64 2.94 -0.18	36.68 3.10 0.99	39.80 3.05 1.87	41.79 2.96 0.00	43.11 2.53 0.06	54.59 6.47 97.02	38.13 2.62 12.25	17.38 2.92 32.09	23.02 2.73 29.27	25.26 2.00 22.51	21.68 1.56 29.96	22.85 1.26 20.35	41.70 1.18 1.34
SOUTHOLD___IC 23719	29.37 0.60 -2.42	27.02 0.94 0.00	24.43 0.81 0.00	17.62 0.77 0.00	15.67 0.64 0.00	25.45 0.87 0.00	28.22 0.52 0.00	29.03 1.06 0.00	27.62 1.07 2.83	38.61 1.73 1.58	39.41 2.86 -1.68	39.64 2.93 -0.18	36.68 3.10 0.99	39.78 3.03 1.87	41.79 2.96 0.00	43.13 2.55 0.06	54.59 6.47 97.02	38.12 2.61 12.25	17.39 2.93 32.09	23.02 2.73 29.27	25.26 2.00 22.51	21.68 1.57 29.96	22.85 1.26 20.35	41.69 1.17 1.34
SOUTH_FORK_WT_PWR 323839	29.00 0.23 -2.42	26.65 0.56 0.00	24.11 0.49 0.00	17.43 0.58 0.00	15.50 0.47 0.00	25.20 0.63 0.00	27.91 0.21 0.00	28.71 0.73 0.00	27.39 0.84 2.83	38.36 1.48 1.58	39.33 2.77 -1.68	39.58 2.87 -0.18	36.71 3.13 0.99	39.74 2.99 1.87	41.73 2.90 0.00	42.77 2.20 0.06	52.89 4.78 97.03	37.58 2.07 12.25	16.85 2.39 32.10	22.46 2.17 29.28	24.71 1.45 22.52	21.04 0.93 29.97	22.30 0.71 20.35	41.13 0.61 1.34
SPIERFLS_115KV_TB 1 80737	95.52 1.74 -67.42	27.93 1.85 0.00	25.31 1.70 0.00	18.04 1.19 0.00	16.07 1.04 0.00	26.16 1.58 0.00	29.26 1.56 0.00	29.34 1.36 0.00	30.51 1.13 0.00	37.58 0.75 1.65	35.40 1.06 0.53	37.92 1.42 0.03	35.91 1.33 0.00	40.13 1.51 0.00	40.48 1.65 0.00	42.49 1.85 0.00	150.30 5.16 0.00	49.66 1.90 0.00	48.65 2.09 0.00	51.99 2.42 0.00	47.74 1.97 0.00	52.21 2.19 0.06	43.65 1.71 0.00	43.69 1.85 0.02
ST LAWRENCE____ 23600	26.14 -0.22 0.00	25.81 -0.27 0.00	23.36 -0.26 0.00	16.61 -0.23 0.00	14.85 -0.18 0.00	24.44 -0.14 0.00	27.73 0.03 0.00	28.08 0.10 0.00	29.41 0.03 0.00	37.98 0.14 0.63	34.51 -0.16 0.21	36.19 -0.33 0.01	34.07 -0.50 0.00	38.12 -0.50 0.00	38.40 -0.43 0.00	40.38 -0.25 0.00	144.81 -0.34 0.00	47.59 -0.17 0.00	46.36 -0.19 0.00	49.57 0.01 0.00	45.91 0.14 0.00	50.36 0.29 0.00	42.12 0.18 0.00	42.00 0.14 0.00

STATE_CA_115KV_115_LB 55624	31.73 0.45 -4.92	26.62 0.54 0.00	24.14 0.52 0.00	17.26 0.41 0.00	15.36 0.34 0.00	24.92 0.34 0.00	27.86 0.16 0.00	28.12 0.14 0.00	29.46 0.09 0.00	36.78 -0.07 1.61	34.64 0.28 0.52	36.95 0.44 0.03	34.96 0.39 0.00	39.01 0.39 0.00	39.24 0.41 0.00	40.98 0.35 0.00	147.75 2.60 0.00	48.33 0.57 0.00	47.46 0.90 0.00	50.33 0.77 0.00	46.33 0.55 0.00	50.52 0.50 0.06	42.38 0.44 0.00	42.10 0.26 0.02
STATE_ST_34_KV_LOAD 55959	26.59 0.23 0.00	26.22 0.14 0.00	23.77 0.15 0.00	16.99 0.14 0.00	15.16 0.14 0.00	24.68 0.10 0.00	27.76 0.06 0.00	28.04 0.06 0.00	29.33 -0.04 0.00	37.57 -0.19 0.72	34.53 -0.12 0.23	36.57 0.05 0.01	34.62 0.05 0.00	38.57 -0.05 0.00	38.73 -0.10 0.00	40.56 -0.07 0.00	145.02 -0.12 0.00	48.05 0.29 0.00	46.89 0.33 0.00	49.87 0.31 0.00	46.03 0.26 0.00	50.61 0.23 -0.30	42.01 0.07 0.00	42.03 0.09 -0.08
STATION_5_MISC_HYD 23604	25.74 0.06 0.68	26.01 -0.08 0.00	23.59 -0.03 0.00	16.79 -0.06 0.00	14.98 -0.05 0.00	24.58 0.01 0.00	27.48 -0.22 0.00	27.86 -0.12 0.00	29.37 -0.01 0.00	37.27 0.23 1.43	34.65 0.24 0.47	36.79 0.28 0.02	34.64 0.07 0.00	38.33 -0.30 0.00	38.27 -0.56 0.00	40.03 -0.60 0.00	143.17 -1.97 0.00	47.17 -0.59 0.00	45.97 -0.59 0.00	48.80 -0.77 0.00	45.44 -0.33 0.00	49.91 -0.22 -0.06	41.61 -0.33 0.00	41.78 -0.10 -0.02
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	26.97 0.60 0.00	26.55 0.47 0.00	24.04 0.43 0.00	17.13 0.28 0.00	15.28 0.25 0.00	25.02 0.45 0.00	28.06 0.36 0.00	28.44 0.46 0.00	29.94 0.57 0.00	38.40 0.90 0.96	35.46 0.89 0.31	37.52 1.01 0.02	35.42 0.85 0.00	39.37 0.75 0.00	39.11 0.28 0.00	40.15 -0.48 0.00	143.67 -1.48 0.00	47.43 -0.32 0.00	46.23 -0.32 0.00	49.03 -0.53 0.00	45.56 -0.21 0.00	49.99 -0.21 -0.12	41.64 -0.31 0.00	41.73 -0.16 -0.03
STA_56_34_KV_BUS2_REV_LBMP_B 345033	25.58 -0.09 0.69	25.86 -0.22 0.00	23.46 -0.16 0.00	16.70 -0.15 0.00	14.90 -0.13 0.00	24.43 -0.15 0.00	27.31 -0.39 0.00	27.69 -0.30 0.00	29.19 -0.19 0.00	37.03 -0.02 1.42	34.43 0.02 0.46	36.57 0.07 0.02	34.45 -0.13 0.00	38.14 -0.48 0.00	38.11 -0.72 0.00	39.88 -0.75 0.00	142.65 -2.50 0.00	47.00 -0.76 0.00	45.80 -0.75 0.00	48.59 -0.97 0.00	45.24 -0.53 0.00	49.68 -0.46 -0.06	41.41 -0.54 0.00	41.54 -0.34 -0.02
STA_56___34_KV_BUS2 355983	25.58 -0.09 0.69	25.86 -0.22 0.00	23.46 -0.16 0.00	16.70 -0.15 0.00	14.90 -0.13 0.00	24.43 -0.15 0.00	27.31 -0.39 0.00	27.69 -0.30 0.00	29.19 -0.19 0.00	37.03 -0.02 1.42	34.43 0.02 0.46	36.57 0.07 0.02	34.45 -0.13 0.00	38.14 -0.48 0.00	38.11 -0.72 0.00	39.88 -0.75 0.00	142.65 -2.50 0.00	47.00 -0.76 0.00	45.80 -0.75 0.00	48.59 -0.97 0.00	45.24 -0.53 0.00	49.68 -0.46 -0.06	41.41 -0.54 0.00	41.54 -0.34 -0.02
STA_67___115KV_BK2 355882	25.67 -0.01 0.68	25.94 -0.14 0.00	23.53 -0.08 0.00	16.75 -0.10 0.00	14.95 -0.08 0.00	24.52 -0.05 0.00	27.41 -0.29 0.00	27.78 -0.20 0.00	29.29 -0.09 0.00	37.16 0.13 1.44	34.54 0.13 0.47	36.68 0.18 0.02	34.53 -0.04 0.00	38.19 -0.43 0.00	38.15 -0.68 0.00	39.90 -0.73 0.00	142.72 -2.43 0.00	47.02 -0.74 0.00	45.83 -0.72 0.00	48.65 -0.92 0.00	45.32 -0.45 0.00	49.78 -0.35 -0.06	41.50 -0.44 0.00	41.67 -0.20 -0.02
STA_7___115KV_9TRANS 80674	25.89 0.21 0.68	26.15 0.07 0.00	23.71 0.09 0.00	16.87 0.02 0.00	15.05 0.03 0.00	24.70 0.13 0.00	27.61 -0.09 0.00	28.01 0.03 0.00	29.53 0.15 0.00	37.48 0.45 1.43	34.85 0.44 0.47	37.02 0.51 0.02	34.86 0.28 0.00	38.58 -0.04 0.00	38.54 -0.29 0.00	40.33 -0.31 0.00	144.27 -0.88 0.00	47.54 -0.22 0.00	46.33 -0.22 0.00	49.15 -0.41 0.00	45.77 -0.01 0.00	50.26 0.13 -0.06	41.87 -0.07 0.00	42.02 0.14 -0.02
STA_82___115KV_TB1 80780	26.36 0.00 0.00	25.95 -0.13 0.00	23.54 -0.07 0.00	16.76 -0.09 0.00	14.95 -0.07 0.00	24.54 -0.04 0.00	27.42 -0.28 0.00	27.80 -0.18 0.00	29.30 -0.08 0.00	37.19 0.15 1.43	34.56 0.14 0.46	36.69 0.19 0.02	34.54 -0.03 0.00	38.21 -0.41 0.00	38.15 -0.68 0.00	39.91 -0.73 0.00	142.74 -2.41 0.00	47.04 -0.72 0.00	45.86 -0.70 0.00	48.66 -0.90 0.00	45.33 -0.44 0.00	49.79 -0.34 -0.06	41.52 -0.42 0.00	41.68 -0.19 -0.02
STEEL___WIND 323596	26.14 -0.22 0.00	25.67 -0.41 0.00	23.38 -0.23 0.00	16.65 -0.20 0.00	14.85 -0.17 0.00	24.50 -0.08 0.00	27.32 -0.38 0.00	27.81 -0.17 0.00	29.39 0.01 0.00	37.39 0.56 1.63	34.77 0.42 0.53	36.97 0.46 0.03	34.70 0.13 0.00	38.16 -0.46 0.00	37.92 -0.91 0.00	39.68 -0.95 0.00	141.81 -3.33 0.00	46.58 -1.17 0.00	45.45 -1.10 0.00	48.20 -1.36 0.00	45.18 -0.59 0.00	49.83 -0.25 0.00	41.54 -0.40 0.00	42.02 0.16 0.00
STEPHTWN_115KV_BK_2 55603	23.57 0.51 3.30	26.68 0.60 0.00	24.16 0.54 0.00	17.31 0.46 0.00	15.40 0.37 0.00	25.06 0.48 0.00	27.98 0.28 0.00	28.29 0.31 0.00	29.66 0.29 0.00	37.08 0.22 1.61	34.87 0.52 0.52	37.17 0.67 0.03	35.24 0.67 0.00	39.38 0.76 0.00	39.58 0.75 0.00	41.33 0.70 0.00	148.22 3.08 0.00	48.52 0.76 0.00	47.69 1.14 0.00	50.48 0.92 0.00	46.35 0.58 0.00	50.74 0.72 0.06	42.43 0.49 0.00	42.28 0.44 0.02
STEUBEN_REC_LFGE 323667	26.14 -0.22 0.00	25.65 -0.43 0.00	23.33 -0.29 0.00	16.60 -0.25 0.00	14.78 -0.25 0.00	24.35 -0.23 0.00	27.50 -0.20 0.00	28.08 0.10 0.00	29.80 0.42 0.00	37.39 0.70 1.77	34.88 0.58 0.58	36.99 0.49 0.03	34.92 0.35 0.00	38.53 -0.09 0.00	38.63 -0.20 0.00	40.48 -0.15 0.00	145.34 0.19 0.00	47.32 -0.44 0.00	46.46 -0.10 0.00	49.60 0.03 0.00	46.48 0.71 0.00	50.93 0.96 0.11	42.50 0.56 0.00	42.81 0.98 0.03
STILLWATER___SOLAR 323814	109.10 1.43 -81.31	27.57 1.49 0.00	24.99 1.37 0.00	17.83 0.98 0.00	15.88 0.86 0.00	25.83 1.25 0.00	28.87 1.16 0.00	29.00 1.02 0.00	30.33 0.95 0.00	37.65 0.82 1.64	35.42 1.07 0.53	37.77 1.27 0.03	35.82 1.24 0.00	40.04 1.42 0.00	40.33 1.50 0.00	42.24 1.60 0.00	150.42 5.27 0.00	49.49 1.73 0.00	48.54 1.99 0.00	51.80 2.24 0.00	47.64 1.87 0.00	52.08 2.06 0.06	43.63 1.69 0.00	43.66 1.82 0.02
STONY___BROOK 24151	29.95 1.17 -2.42	27.53 1.45 0.00	24.88 1.26 0.00	17.84 0.99 0.00	15.84 0.82 0.00	25.64 1.06 0.00	28.58 0.88 0.00	29.27 1.30 0.00	27.84 1.20 2.73	38.66 1.68 1.49	39.19 2.51 -1.81	39.29 2.52 -0.24	36.14 2.47 0.90	39.34 2.53 1.81	41.22 2.40 0.00	43.06 2.48 0.06	54.41 6.09 96.83	37.62 2.33 12.47	17.19 2.53 31.89	22.76 2.32 29.12	26.67 1.90 21.01	22.07 1.82 29.83	23.29 1.60 20.25	42.06 1.53 1.33
STURGEON_POOL_HYD 23609	32.33 1.82 -4.15	27.87 1.79 0.00	25.24 1.63 0.00	18.07 1.22 0.00	16.06 1.04 0.00	26.00 1.42 0.00	29.11 1.41 0.00	29.54 1.56 0.00	31.15 1.78 0.00	39.15 2.20 1.52	37.00 2.61 0.49	39.45 2.95 0.02	37.65 3.07 0.00	42.24 3.62 0.00	42.57 3.74 0.00	44.60 3.97 0.00	159.45 14.31 0.00	52.70 4.94 0.00	51.32 4.77 0.00	54.19 4.63 0.00	49.69 3.92 0.00	54.07 4.06 0.07	45.27 3.33 0.00	44.92 3.08 0.02

ST_LAW_115_BK7_LBMP 345037	26.12 -0.24 0.00	25.80 -0.28 0.00	23.34 -0.28 0.00	16.60 -0.25 0.00	14.84 -0.18 0.00	24.44 -0.14 0.00	27.74 0.04 0.00	28.09 0.11 0.00	29.42 0.05 0.00	37.99 0.16 0.63	34.50 -0.17 0.21	36.17 -0.35 0.01	34.03 -0.54 0.00	38.09 -0.53 0.00	38.37 -0.46 0.00	40.36 -0.28 0.00	144.77 -0.37 0.00	47.56 -0.20 0.00	46.34 -0.21 0.00	49.56 0.00 0.00	45.92 0.14 0.00	50.39 0.31 0.00	42.15 0.21 0.00	42.03 0.17 0.00
ST_LAW_115_BK8_LBMP 345038	26.12 -0.24 0.00	25.80 -0.28 0.00	23.34 -0.28 0.00	16.60 -0.25 0.00	14.84 -0.18 0.00	24.44 -0.14 0.00	27.74 0.04 0.00	28.09 0.11 0.00	29.42 0.05 0.00	37.99 0.16 0.63	34.50 -0.17 0.21	36.17 -0.35 0.01	34.03 -0.54 0.00	38.09 -0.53 0.00	38.37 -0.46 0.00	40.36 -0.28 0.00	144.77 -0.37 0.00	47.56 -0.20 0.00	46.34 -0.21 0.00	49.56 0.00 0.00	45.92 0.14 0.00	50.39 0.31 0.00	42.15 0.21 0.00	42.03 0.17 0.00
ST_LAW_230_BK5_LBMP 345035	26.14 -0.22 0.00	25.81 -0.27 0.00	23.36 -0.26 0.00	16.61 -0.23 0.00	14.85 -0.18 0.00	24.44 -0.14 0.00	27.73 0.03 0.00	28.08 0.10 0.00	29.41 0.03 0.00	37.99 0.14 0.62	34.51 -0.16 0.20	36.19 -0.33 0.01	34.07 -0.50 0.00	38.12 -0.50 0.00	38.40 -0.43 0.00	40.38 -0.25 0.00	144.81 -0.34 0.00	47.59 -0.17 0.00	46.36 -0.19 0.00	49.57 0.01 0.00	45.91 0.14 0.00	50.36 0.29 0.00	42.12 0.18 0.00	42.00 0.14 0.00
ST_LAW_230_BK6_LBMP 345036	26.14 -0.22 0.00	25.81 -0.27 0.00	23.36 -0.26 0.00	16.61 -0.23 0.00	14.85 -0.18 0.00	24.44 -0.14 0.00	27.73 0.03 0.00	28.08 0.10 0.00	29.41 0.03 0.00	37.99 0.14 0.62	34.51 -0.16 0.20	36.19 -0.33 0.01	34.07 -0.50 0.00	38.12 -0.50 0.00	38.40 -0.43 0.00	40.38 -0.25 0.00	144.81 -0.34 0.00	47.59 -0.17 0.00	46.36 -0.19 0.00	49.57 0.01 0.00	45.91 0.14 0.00	50.36 0.29 0.00	42.12 0.18 0.00	42.00 0.14 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	29.74 1.14 -2.24	27.23 1.15 0.00	24.68 1.06 0.00	17.66 0.81 0.00	15.71 0.69 0.00	25.42 0.85 0.00	28.45 0.74 0.00	28.79 0.81 0.00	30.36 0.98 0.00	38.15 1.17 1.50	36.03 1.63 0.48	38.35 1.85 0.02	36.55 1.98 0.00	40.85 2.22 0.00	41.09 2.26 0.00	42.91 2.28 0.00	153.06 7.92 0.00	50.46 2.70 0.00	49.12 2.57 0.00	51.98 2.41 0.00	47.68 1.90 0.00	52.01 2.00 0.07	43.68 1.74 0.00	43.49 1.65 0.02
SWANROAD_115KV_TB1 355699	25.52 -0.84 0.00	25.09 -0.99 0.00	22.85 -0.77 0.00	16.25 -0.60 0.00	14.57 -0.46 0.00	24.02 -0.56 0.00	26.73 -0.97 0.00	27.04 -0.94 0.00	28.53 -0.85 0.00	36.36 -0.53 1.58	33.77 -0.59 0.51	35.87 -0.64 0.03	33.60 -0.98 0.00	36.83 -1.79 0.00	36.57 -2.26 0.00	38.23 -2.40 0.00	136.59 -8.55 0.00	44.92 -2.84 0.00	43.83 -2.72 0.00	46.53 -3.04 0.00	43.77 -2.00 0.00	48.34 -1.74 0.00	40.41 -1.53 0.00	41.06 -0.80 0.00
SYNERGY___BIOGAS 323694	26.78 0.42 0.00	26.29 0.21 0.00	23.88 0.26 0.00	16.98 0.13 0.00	15.18 0.15 0.00	25.02 0.44 0.00	27.93 0.23 0.00	28.38 0.40 0.00	29.90 0.53 0.00	38.11 1.16 1.51	35.28 0.89 0.49	37.20 0.69 0.02	34.96 0.38 0.00	38.38 -0.24 0.00	38.46 -0.37 0.00	40.14 -0.49 0.00	143.75 -1.40 0.00	47.48 -0.28 0.00	46.36 -0.20 0.00	49.26 -0.31 0.00	46.18 0.41 0.00	50.88 0.80 0.00	42.38 0.44 0.00	42.74 0.88 0.00
SYRACUSE___ENERGY_ST1 323597	25.74 0.06 0.69	26.10 0.03 0.00	23.65 0.03 0.00	16.89 0.04 0.00	15.06 0.03 0.00	24.56 -0.02 0.00	27.56 -0.14 0.00	27.80 -0.18 0.00	29.18 -0.20 0.00	37.54 -0.34 0.58	34.49 -0.19 0.19	36.42 -0.10 0.01	34.50 -0.07 0.00	38.47 -0.16 0.00	38.65 -0.18 0.00	40.48 -0.15 0.00	144.59 -0.55 0.00	47.79 0.03 0.00	46.62 0.07 0.00	49.50 -0.06 0.00	45.72 -0.05 0.00	50.25 -0.19 -0.36	41.71 -0.23 0.00	41.70 -0.25 -0.10
SYRACUSE___ENERGY_ST2 323598	25.74 0.06 0.69	26.10 0.03 0.00	23.65 0.03 0.00	16.89 0.04 0.00	15.06 0.03 0.00	24.56 -0.02 0.00	27.56 -0.14 0.00	27.80 -0.18 0.00	29.18 -0.20 0.00	37.54 -0.34 0.58	34.49 -0.19 0.19	36.42 -0.10 0.01	34.50 -0.07 0.00	38.47 -0.16 0.00	38.65 -0.18 0.00	40.48 -0.15 0.00	144.59 -0.55 0.00	47.79 0.03 0.00	46.62 0.07 0.00	49.50 -0.06 0.00	45.72 -0.05 0.00	50.25 -0.19 -0.36	41.71 -0.23 0.00	41.70 -0.25 -0.10
SYRACUSE___POWER 24017	25.84 0.16 0.68	26.22 0.13 0.00	23.76 0.13 0.00	16.96 0.11 0.00	15.12 0.09 0.00	24.66 0.09 0.00	27.63 -0.07 0.00	27.90 -0.08 0.00	29.33 -0.05 0.00	36.82 -0.16 1.49	34.38 -0.02 0.48	36.61 0.11 0.02	34.70 0.13 0.00	38.69 0.07 0.00	38.91 0.08 0.00	40.72 0.09 0.00	145.51 0.37 0.00	48.09 0.33 0.00	46.94 0.38 0.00	49.79 0.23 0.00	45.96 0.19 0.00	50.15 0.07 0.00	41.91 -0.03 0.00	41.81 -0.05 0.00
TALLMAN_138KV_BK151 55660	29.92 1.24 -2.32	27.33 1.25 0.00	24.76 1.14 0.00	17.73 0.88 0.00	15.76 0.74 0.00	25.49 0.92 0.00	28.52 0.82 0.00	28.87 0.89 0.00	30.46 1.09 0.00	38.29 1.33 1.51	36.23 1.84 0.49	38.55 2.05 0.02	36.76 2.19 0.00	41.10 2.48 0.00	41.34 2.51 0.00	43.14 2.50 0.00	153.69 8.54 0.00	50.67 2.91 0.00	49.30 2.74 0.00	52.11 2.55 0.00	47.76 1.99 0.00	52.13 2.12 0.07	43.80 1.86 0.00	43.60 1.76 0.02
TEALLAVE_115KV_TB7 355573	25.71 0.07 0.72	26.12 0.04 0.00	23.67 0.05 0.00	16.89 0.05 0.00	15.05 0.03 0.00	24.56 -0.02 0.00	27.52 -0.18 0.00	27.78 -0.19 0.00	29.21 -0.17 0.00	36.68 -0.29 1.50	34.26 -0.13 0.49	36.49 -0.02 0.02	34.58 0.01 0.00	38.55 -0.07 0.00	38.76 -0.07 0.00	40.56 -0.07 0.00	144.88 -0.26 0.00	47.86 0.10 0.00	46.70 0.15 0.00	49.54 -0.03 0.00	45.75 -0.03 0.00	49.91 -0.17 0.00	41.72 -0.22 0.00	41.62 -0.23 0.00
TELGRAPH_34_KV_EAST 80808	26.15 -0.21 0.00	25.68 -0.40 0.00	23.36 -0.26 0.00	16.61 -0.24 0.00	14.87 -0.16 0.00	24.51 -0.07 0.00	27.31 -0.39 0.00	27.70 -0.28 0.00	29.23 -0.15 0.00	37.20 0.27 1.54	34.50 0.13 0.50	36.59 0.09 0.03	34.31 -0.27 0.00	37.66 -0.96 0.00	37.53 -1.30 0.00	39.22 -1.42 0.00	140.45 -4.70 0.00	46.25 -1.51 0.00	45.14 -1.42 0.00	47.91 -1.66 0.00	44.98 -0.79 0.00	49.60 -0.48 0.00	41.40 -0.55 0.00	41.88 0.02 0.00
TEMPLE___115KV_TB 2 55572	25.73 0.08 0.71	26.13 0.05 0.00	23.68 0.06 0.00	16.90 0.05 0.00	15.06 0.03 0.00	24.57 -0.01 0.00	27.53 -0.17 0.00	27.80 -0.18 0.00	29.23 -0.15 0.00	36.63 -0.27 1.57	34.26 -0.11 0.51	36.52 0.01 0.03	34.61 0.03 0.00	38.58 -0.04 0.00	38.78 -0.05 0.00	40.60 -0.04 0.00	145.02 -0.12 0.00	47.89 0.13 0.00	46.72 0.17 0.00	49.55 -0.01 0.00	45.75 -0.02 0.00	49.92 -0.16 0.00	41.72 -0.22 0.00	41.64 -0.22 0.00
TIANA___69_KV_BK 1 55817	29.64 0.86 -2.42	27.31 1.23 0.00	24.67 1.05 0.00	17.73 0.88 0.00	15.75 0.73 0.00	25.53 0.96 0.00	28.36 0.66 0.00	29.18 1.20 0.00	27.58 1.03 2.83	38.44 1.55 1.58	39.07 2.51 -1.68	39.24 2.53 -0.18	36.10 2.52 0.99	39.29 2.54 1.87	41.28 2.45 0.00	42.94 2.37 0.06	54.42 6.30 97.03	38.00 2.49 12.25	17.24 2.78 32.09	22.94 2.65 29.27	25.24 1.99 22.51	21.75 1.63 29.96	22.98 1.39 20.35	41.92 1.40 1.34

TILDEN___115KV_TB1 80814	25.84 0.16 0.68	26.22 0.13 0.00	23.76 0.13 0.00	16.96 0.11 0.00	15.12 0.09 0.00	24.66 0.09 0.00	27.63 -0.07 0.00	27.90 -0.08 0.00	29.33 -0.05 0.00	36.82 -0.16 1.49	34.38 -0.02 0.48	36.61 0.11 0.02	34.70 0.13 0.00	38.69 0.07 0.00	38.91 0.08 0.00	40.72 0.09 0.00	145.51 0.37 0.00	48.09 0.33 0.00	46.94 0.38 0.00	49.79 0.23 0.00	45.96 0.19 0.00	50.15 0.07 0.00	41.91 -0.03 0.00	41.81 -0.05 0.00
TRIGEN___CC 323695	30.12 1.34 -2.42	27.56 1.48 0.00	24.92 1.30 0.00	17.88 1.02 0.00	15.88 0.85 0.00	25.67 1.09 0.00	28.74 1.02 -0.02	29.29 1.29 -0.02	44.01 1.35 -13.29	54.44 1.79 -14.18	60.21 2.39 -22.95	49.01 2.44 -10.04	51.61 2.56 -14.48	50.18 2.75 -8.81	41.39 2.56 0.00	43.27 2.63 -0.01	134.06 7.98 19.06	74.28 2.87 -23.65	68.44 2.81 -19.07	47.37 2.54 4.73	43.24 1.89 4.42	47.17 1.98 4.88	40.49 1.83 3.28	43.38 1.76 0.23
TRINITY__115KV__4 BK 55933	24.62 0.32 2.06	26.50 0.43 0.00	24.04 0.42 0.00	17.19 0.33 0.00	15.30 0.27 0.00	24.82 0.24 0.00	27.72 0.02 0.00	27.98 0.00 0.00	29.35 -0.02 0.00	36.63 -0.22 1.61	34.49 0.13 0.52	36.77 0.26 0.03	34.79 0.22 0.00	38.82 0.20 0.00	39.04 0.21 0.00	40.74 0.12 0.00	146.25 1.11 0.00	47.75 -0.01 0.00	46.93 0.37 0.00	49.83 0.26 0.00	45.86 0.08 0.00	50.03 0.01 0.06	41.99 0.05 0.00	41.83 -0.01 0.02
UNION___PROCESSING_DRP 323587	26.37 0.01 0.00	25.96 -0.12 0.00	23.55 -0.07 0.00	16.76 -0.09 0.00	14.96 -0.07 0.00	24.55 -0.03 0.00	27.43 -0.27 0.00	27.81 -0.17 0.00	29.31 -0.07 0.00	37.20 0.16 1.42	34.57 0.16 0.46	36.71 0.20 0.02	34.55 -0.03 0.00	38.22 -0.40 0.00	38.16 -0.67 0.00	39.91 -0.72 0.00	142.83 -2.31 0.00	47.06 -0.70 0.00	45.87 -0.68 0.00	48.68 -0.88 0.00	45.35 -0.43 0.00	49.82 -0.32 -0.06	41.53 -0.41 0.00	41.70 -0.17 -0.02
UPPER HUDSON___HYD 24058	95.52 1.74 -67.42	27.93 1.85 0.00	25.32 1.70 0.00	18.04 1.19 0.00	16.07 1.04 0.00	26.16 1.58 0.00	29.26 1.56 0.00	29.34 1.36 0.00	30.51 1.13 0.00	37.58 0.75 1.65	35.40 1.06 0.53	37.92 1.42 0.03	35.91 1.33 0.00	40.13 1.51 0.00	40.48 1.65 0.00	42.49 1.85 0.00	150.30 5.16 0.00	49.66 1.90 0.00	48.65 2.09 0.00	51.98 2.42 0.00	47.74 1.97 0.00	52.21 2.19 0.06	43.65 1.71 0.00	43.68 1.84 0.02
UPPER RAQUET___HYD 24056	25.87 -0.49 0.00	25.54 -0.54 0.00	23.07 -0.55 0.00	16.39 -0.46 0.00	14.66 -0.36 0.00	24.05 -0.53 0.00	27.46 -0.24 0.00	27.70 -0.28 0.00	28.94 -0.44 0.00	37.03 -0.64 0.80	33.80 -0.82 0.26	35.20 -1.32 0.01	32.77 -1.80 0.00	36.74 -1.88 0.00	37.21 -1.62 0.00	39.30 -1.33 0.00	141.25 -3.90 0.00	46.51 -1.25 0.00	45.48 -1.08 0.00	48.85 -0.72 0.00	45.35 -0.42 0.00	49.99 -0.13 -0.05	41.91 -0.03 0.00	41.71 -0.16 -0.01
VALLEY44_115KV_TB2 355964	26.57 0.21 0.00	26.21 0.13 0.00	23.88 0.26 0.00	17.05 0.20 0.00	15.20 0.18 0.00	24.94 0.37 0.00	27.84 0.14 0.00	28.44 0.46 0.00	30.16 0.78 0.00	38.25 1.48 1.70	35.59 1.26 0.55	37.67 1.17 0.03	35.37 0.79 0.00	38.92 0.29 0.00	38.69 -0.14 0.00	40.10 -0.53 0.00	143.15 -1.99 0.00	46.94 -0.82 0.00	45.64 -0.92 0.00	48.41 -1.15 0.00	45.20 -0.57 0.00	49.86 -0.15 0.06	41.73 -0.21 0.00	42.31 0.47 0.02
VALLEY___115KV_TB 1-4 80826	25.45 0.36 1.28	26.55 0.47 0.00	24.12 0.50 0.00	17.24 0.39 0.00	15.33 0.31 0.00	24.93 0.35 0.00	27.85 0.15 0.00	27.94 -0.04 0.00	29.17 -0.21 0.00	35.96 -0.63 1.88	34.03 -0.23 0.61	36.42 -0.08 0.03	34.58 0.01 0.00	38.60 -0.02 0.00	38.78 -0.05 0.00	40.61 -0.02 0.00	145.00 -0.14 0.00	47.80 0.04 0.00	47.06 0.51 0.00	50.37 0.81 0.00	46.43 0.65 0.00	50.59 0.51 0.00	42.36 0.42 0.00	42.34 0.48 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	30.38 0.95 -3.07	27.02 0.94 0.00	24.53 0.91 0.00	17.53 0.68 0.00	15.61 0.59 0.00	25.38 0.80 0.00	28.51 0.81 0.00	28.87 0.89 0.00	30.39 1.02 0.00	37.83 1.26 1.89	35.73 1.46 0.61	38.15 1.65 0.03	36.23 1.65 0.00	40.37 1.75 0.00	40.61 1.78 0.00	42.38 1.75 0.00	151.72 6.57 0.00	49.95 2.19 0.00	48.71 2.16 0.00	51.61 2.05 0.00	47.59 1.82 0.00	51.77 1.85 0.16	43.49 1.55 0.00	43.34 1.53 0.04
VISCHER___FERRY HYD 24020	147.33 1.01 -119.96	27.17 1.09 0.00	24.65 1.03 0.00	17.59 0.74 0.00	15.67 0.64 0.00	25.43 0.86 0.00	28.38 0.68 0.00	28.54 0.56 0.00	29.94 0.56 0.00	37.26 0.42 1.63	35.07 0.72 0.53	37.32 0.82 0.03	35.35 0.78 0.00	39.52 0.89 0.00	39.78 0.95 0.00	41.57 0.94 0.00	148.22 3.07 0.00	48.52 0.76 0.00	47.66 1.11 0.00	50.81 1.24 0.00	46.75 0.98 0.00	51.16 1.14 0.06	42.96 1.02 0.00	43.05 1.21 0.02
V_A_10_SYNC_DSASP 323832	25.82 -0.54 0.00	25.41 -0.67 0.00	23.11 -0.51 0.00	16.45 -0.40 0.00	14.69 -0.33 0.00	24.15 -0.42 0.00	26.91 -0.79 0.00	27.32 -0.66 0.00	28.85 -0.53 0.00	36.64 -0.29 1.54	34.09 -0.28 0.50	36.21 -0.29 0.03	33.98 -0.60 0.00	37.40 -1.22 0.00	37.20 -1.63 0.00	38.87 -1.76 0.00	138.78 -6.36 0.00	45.70 -2.06 0.00	44.58 -1.97 0.00	47.31 -2.25 0.00	44.29 -1.48 0.00	48.76 -1.32 0.00	40.75 -1.19 0.00	41.12 -0.74 0.00
V_CMM_10_SYNC_DSASP 323787	26.27 -0.09 0.00	25.96 -0.12 0.00	23.48 -0.14 0.00	16.70 -0.15 0.00	14.93 -0.10 0.00	24.58 0.00 0.00	27.91 0.20 0.00	28.26 0.28 0.00	29.59 0.22 0.00	38.22 0.39 0.63	34.71 0.04 0.21	36.37 -0.14 0.01	34.23 -0.35 0.00	38.30 -0.32 0.00	38.59 -0.24 0.00	40.59 -0.04 0.00	145.57 0.42 0.00	47.63 -0.13 0.00	46.59 0.04 0.00	49.84 0.28 0.00	46.18 0.41 0.00	50.67 0.60 0.00	42.39 0.44 0.00	42.26 0.40 0.00
V_CMP_10_SYNC_DSASP 323788	26.42 0.06 0.00	26.02 -0.07 0.00	23.57 -0.04 0.00	16.76 -0.09 0.00	14.93 -0.09 0.00	24.53 -0.04 0.00	27.89 0.19 0.00	28.35 0.37 0.00	29.68 0.30 0.00	38.40 0.55 0.62	35.04 0.37 0.20	36.69 0.16 0.01	34.38 -0.19 0.00	38.58 -0.04 0.00	38.89 0.06 0.00	40.98 0.35 0.00	146.70 1.56 0.00	48.28 0.52 0.00	47.16 0.61 0.00	50.54 0.98 0.00	46.96 1.19 0.00	51.57 1.50 0.00	43.22 1.28 0.00	43.02 1.16 0.00
V_D_10_SYNC_DSASP 323841	26.37 0.01 0.00	26.05 -0.03 0.00	23.56 -0.05 0.00	16.75 -0.10 0.00	14.98 -0.04 0.00	24.67 0.10 0.00	28.06 0.35 0.00	28.40 0.42 0.00	29.72 0.34 0.00	38.37 0.55 0.65	34.84 0.17 0.21	36.49 -0.03 0.01	34.29 -0.28 0.00	38.38 -0.24 0.00	38.68 -0.15 0.00	40.66 0.03 0.00	145.92 0.77 0.00	47.98 0.22 0.00	46.76 0.20 0.00	50.02 0.45 0.00	46.36 0.59 0.00	50.97 0.89 0.00	42.63 0.69 0.00	42.49 0.63 0.00
V_E_10_SYNC_DSASP 323830	28.39 1.07 -0.96	27.12 1.04 0.00	24.59 0.97 0.00	17.52 0.67 0.00	15.68 0.66 0.00	25.71 1.13 0.00	29.19 1.48 0.00	29.85 1.87 0.00	31.39 2.01 0.00	38.92 2.45 1.99	36.47 2.24 0.65	39.00 2.50 0.03	37.04 2.47 0.00	41.23 2.61 0.00	41.52 2.69 0.00	43.28 2.65 0.00	155.98 10.84 0.00	51.56 3.80 0.00	51.04 4.48 0.00	54.38 4.82 0.00	49.69 3.92 0.00	53.51 3.63 0.20	45.08 3.14 0.00	44.78 2.98 0.06

V_F_30_NSYNC___DSASP 323816	102.90 1.45 -75.09	27.59 1.51 0.00	25.00 1.39 0.00	17.84 0.99 0.00	15.89 0.87 0.00	25.85 1.28 0.00	28.90 1.20 0.00	29.05 1.07 0.00	30.40 1.02 0.00	37.76 0.94 1.65	35.52 1.17 0.53	37.88 1.38 0.03	35.93 1.35 0.00	40.16 1.54 0.00	40.45 1.62 0.00	42.36 1.73 0.00	150.91 5.76 0.00	49.66 1.90 0.00	48.67 2.11 0.00	51.89 2.32 0.00	47.73 1.96 0.00	52.17 2.15 0.06	43.71 1.77 0.00	43.72 1.88 0.02
V_F_30_SYNC_DSASP 323786	31.16 0.45 -4.36	26.62 0.54 0.00	24.14 0.52 0.00	17.26 0.41 0.00	15.36 0.34 0.00	24.92 0.34 0.00	27.86 0.16 0.00	28.12 0.14 0.00	29.46 0.09 0.00	36.78 -0.07 1.61	34.64 0.28 0.52	36.95 0.44 0.03	34.96 0.38 0.00	39.01 0.39 0.00	39.24 0.41 0.00	40.97 0.34 0.00	147.74 2.59 0.00	48.32 0.56 0.00	47.44 0.89 0.00	50.32 0.76 0.00	46.32 0.55 0.00	50.52 0.49 0.06	42.36 0.42 0.00	42.10 0.26 0.02
V_XM_10_SYNC_DSASP 323789	26.42 0.06 0.00	26.02 -0.07 0.00	23.57 -0.04 0.00	16.76 -0.09 0.00	14.93 -0.09 0.00	24.53 -0.04 0.00	27.89 0.19 0.00	28.35 0.37 0.00	29.68 0.30 0.00	38.40 0.55 0.62	35.04 0.37 0.20	36.69 0.16 0.01	34.38 -0.19 0.00	38.58 -0.04 0.00	38.89 0.06 0.00	40.98 0.35 0.00	146.70 1.56 0.00	48.28 0.52 0.00	47.16 0.61 0.00	50.54 0.98 0.00	46.96 1.19 0.00	51.57 1.50 0.00	43.22 1.28 0.00	43.02 1.16 0.00
W.BABYLN_69_KV_BK1 56697	30.29 1.52 -2.42	27.79 1.71 0.00	25.10 1.48 0.00	18.01 1.16 0.00	15.98 0.96 0.00	25.88 1.30 0.00	28.92 1.22 0.00	29.57 1.59 0.00	30.96 1.58 0.00	41.71 2.14 -1.11	43.03 2.91 -5.25	41.28 2.90 -1.86	39.04 2.80 -1.68	41.46 2.83 0.00	41.52 2.69 0.00	43.36 2.78 0.05	68.08 8.10 85.17	43.72 2.96 7.00	25.02 2.99 24.53	26.67 2.77 25.67	24.49 2.15 23.42	26.12 2.28 26.23	26.18 2.04 17.80	42.72 2.03 1.17
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	30.03 1.33 -2.34	27.43 1.35 0.00	24.85 1.23 0.00	17.79 0.94 0.00	15.82 0.79 0.00	25.58 1.01 0.00	28.63 0.93 0.00	28.98 1.00 0.00	30.58 1.20 0.00	38.41 1.46 1.51	36.34 1.96 0.49	38.69 2.19 0.02	36.90 2.32 0.00	41.24 2.62 0.00	41.48 2.65 0.00	43.30 2.67 0.00	154.31 9.16 0.00	50.89 3.13 0.00	49.51 2.96 0.00	52.34 2.78 0.00	47.97 2.20 0.00	52.34 2.33 0.07	43.96 2.02 0.00	43.74 1.90 0.02
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	30.24 1.46 -2.41	27.59 1.51 0.00	25.00 1.38 0.00	17.92 1.07 0.00	15.93 0.91 0.00	25.73 1.15 0.00	28.76 1.06 0.00	29.21 1.23 0.00	30.88 1.50 0.00	38.80 1.85 1.52	36.71 2.33 0.49	39.11 2.61 0.02	37.28 2.71 0.00	41.64 3.02 0.00	41.79 2.96 0.00	43.64 3.01 0.00	155.35 10.20 0.00	51.20 3.44 0.00	49.83 3.28 0.00	52.66 3.09 0.00	48.15 2.38 0.00	52.47 2.46 0.07	44.14 2.20 0.00	43.93 2.09 0.02
W50THST__13_KV_LOAD 356117	30.37 1.59 -2.41	27.72 1.64 0.00	25.11 1.50 0.00	18.01 1.16 0.00	16.02 0.99 0.00	25.88 1.30 0.00	28.93 1.23 0.00	29.43 1.45 0.00	31.12 1.75 0.00	39.14 2.19 1.52	37.03 2.64 0.49	39.45 2.95 0.02	37.61 3.04 0.00	42.00 3.38 0.00	42.14 3.31 0.00	43.99 3.36 0.00	156.51 11.37 0.00	51.58 3.82 0.00	50.20 3.64 0.00	53.00 3.43 0.00	48.42 2.64 0.00	52.74 2.73 0.07	44.38 2.44 0.00	44.17 2.33 0.02
WADING RIVER_IC_1 23522	29.43 0.66 -2.42	27.16 1.08 0.00	24.53 0.91 0.00	17.61 0.76 0.00	15.64 0.61 0.00	25.31 0.73 0.00	28.09 0.39 0.00	28.99 1.01 0.00	27.19 0.65 2.84	37.86 0.99 1.60	38.46 1.92 -1.67	38.58 1.88 -0.17	35.41 1.84 1.00	38.54 1.80 1.88	40.53 1.70 0.00	42.31 1.73 0.06	52.09 4.01 97.07	37.21 1.71 12.26	16.46 2.03 32.12	22.23 1.95 29.29	24.59 1.37 22.55	21.10 1.00 29.98	22.49 0.90 20.36	41.53 1.01 1.34
WADING RIVER_IC_2 23547	29.43 0.66 -2.42	27.16 1.08 0.00	24.53 0.91 0.00	17.61 0.76 0.00	15.64 0.61 0.00	25.31 0.73 0.00	28.09 0.39 0.00	28.99 1.01 0.00	27.19 0.65 2.84	37.86 0.99 1.60	38.46 1.92 -1.67	38.58 1.88 -0.17	35.41 1.84 1.00	38.54 1.80 1.88	40.53 1.70 0.00	42.31 1.73 0.06	52.09 4.01 97.07	37.21 1.71 12.26	16.46 2.03 32.12	22.23 1.95 29.29	24.59 1.37 22.55	21.10 1.00 29.98	22.49 0.90 20.36	41.53 1.01 1.34
WADING RIVER_IC_3 23601	29.43 0.66 -2.42	27.16 1.08 0.00	24.53 0.91 0.00	17.61 0.76 0.00	15.64 0.61 0.00	25.31 0.73 0.00	28.09 0.39 0.00	28.99 1.01 0.00	27.19 0.65 2.84	37.86 0.99 1.60	38.46 1.92 -1.67	38.58 1.88 -0.17	35.41 1.84 1.00	38.54 1.80 1.88	40.53 1.70 0.00	42.31 1.73 0.06	52.09 4.01 97.07	37.21 1.71 12.26	16.46 2.03 32.12	22.23 1.95 29.29	24.59 1.37 22.55	21.10 1.00 29.98	22.49 0.90 20.36	41.53 1.01 1.34
WALDENNY_12_KV_BK2 80841	26.19 -0.17 0.00	25.71 -0.37 0.00	23.42 -0.20 0.00	16.67 -0.18 0.00	14.89 -0.14 0.00	24.54 -0.04 0.00	27.36 -0.34 0.00	27.84 -0.14 0.00	29.43 0.06 0.00	37.46 0.62 1.62	34.83 0.48 0.53	37.05 0.54 0.03	34.76 0.19 0.00	38.24 -0.39 0.00	38.00 -0.83 0.00	39.75 -0.89 0.00	142.03 -3.12 0.00	46.65 -1.11 0.00	45.50 -1.06 0.00	48.25 -1.32 0.00	45.25 -0.53 0.00	49.89 -0.18 0.00	41.61 -0.33 0.00	42.08 0.22 0.00
WALDEN___HYDRO 24148	30.23 1.36 -2.51	27.45 1.37 0.00	24.87 1.25 0.00	17.80 0.95 0.00	15.83 0.81 0.00	25.62 1.05 0.00	28.67 0.97 0.00	29.04 1.06 0.00	30.60 1.22 0.00	38.41 1.45 1.51	36.28 1.90 0.49	38.63 2.13 0.02	36.82 2.25 0.00	41.18 2.56 0.00	41.45 2.62 0.00	43.36 2.72 0.00	154.84 9.69 0.00	51.08 3.32 0.00	49.76 3.20 0.00	52.64 3.08 0.00	48.32 2.55 0.00	52.66 2.66 0.07	44.18 2.24 0.00	43.95 2.11 0.02
WARRENSBURG____ 23737	95.52 1.74 -67.42	27.93 1.85 0.00	25.31 1.70 0.00	18.04 1.19 0.00	16.07 1.04 0.00	26.16 1.58 0.00	29.26 1.56 0.00	29.34 1.36 0.00	30.51 1.13 0.00	37.58 0.75 1.65	35.40 1.06 0.53	37.92 1.42 0.03	35.91 1.33 0.00	40.13 1.51 0.00	40.48 1.65 0.00	42.49 1.85 0.00	150.30 5.16 0.00	49.66 1.90 0.00	48.65 2.09 0.00	51.99 2.42 0.00	47.74 1.97 0.00	52.21 2.19 0.06	43.65 1.71 0.00	43.69 1.85 0.02
WATERSIDE___6 8 9 23538	30.18 1.40 -2.42	27.54 1.46 0.00	24.96 1.34 0.00	17.89 1.03 0.00	15.90 0.88 0.00	25.67 1.09 0.00	28.69 0.99 0.00	29.15 1.17 0.00	30.80 1.43 0.00	38.66 1.72 1.52	36.61 2.22 0.49	38.98 2.48 0.02	37.18 2.60 0.00	41.49 2.86 0.00	41.65 2.82 0.00	43.47 2.84 0.00	154.53 9.39 0.00	50.94 3.18 0.00	49.49 2.93 0.00	52.36 2.80 0.00	47.97 2.20 0.00	52.30 2.29 0.07	44.08 2.13 0.00	43.90 2.06 0.02
WATKINRD_115KV_LN8_ILLION 55919	25.38 0.29 1.28	26.45 0.37 0.00	24.01 0.39 0.00	17.16 0.31 0.00	15.27 0.24 0.00	24.81 0.23 0.00	27.75 0.05 0.00	27.90 -0.08 0.00	29.18 -0.20 0.00	36.04 -0.54 1.88	34.06 -0.20 0.61	36.42 -0.09 0.03	34.56 -0.01 0.00	38.57 -0.06 0.00	38.76 -0.06 0.00	40.60 -0.03 0.00	145.00 -0.15 0.00	47.75 -0.01 0.00	46.89 0.34 0.00	50.11 0.54 0.00	46.20 0.43 0.00	50.41 0.34 0.00	42.21 0.27 0.00	42.15 0.29 0.00

WDELAWARE___HYD 323627	29.94 0.98 -2.60	27.04 0.96 0.00	24.50 0.88 0.00	17.53 0.67 0.00	15.59 0.56 0.00	25.27 0.69 0.00	28.32 0.62 0.00	28.68 0.70 0.00	30.18 0.81 0.00	37.90 0.90 1.47	35.69 1.29 0.48	37.98 1.47 0.02	36.19 1.62 0.00	40.56 1.95 0.00	40.83 2.00 0.00	42.74 2.11 0.00	153.04 7.89 0.00	50.51 2.75 0.00	49.29 2.74 0.00	52.19 2.62 0.00	47.95 2.18 0.00	52.24 2.24 0.07	43.77 1.83 0.00	43.49 1.65 0.02
WEST BABYLON___IC 23714	30.29 1.52 -2.42	27.79 1.71 0.00	25.10 1.48 0.00	18.01 1.16 0.00	15.98 0.96 0.00	25.88 1.30 0.00	28.92 1.22 0.00	29.57 1.59 0.00	30.96 1.58 0.00	41.71 2.14 -1.11	43.03 2.91 -5.25	41.28 2.90 -1.86	39.04 2.80 -1.68	41.46 2.83 0.00	41.52 2.69 0.00	43.36 2.78 0.05	68.08 8.10 85.17	43.72 2.96 7.00	25.02 2.99 24.53	26.67 2.77 25.67	24.49 2.15 23.42	26.12 2.28 26.23	26.18 2.04 17.80	42.72 2.03 1.17
WEST CANADA___HYD 24049	25.26 0.17 1.28	26.28 0.20 0.00	23.83 0.21 0.00	17.03 0.17 0.00	15.15 0.13 0.00	24.67 0.09 0.00	27.66 -0.04 0.00	27.89 -0.09 0.00	29.29 -0.09 0.00	36.34 -0.25 1.88	34.26 -0.01 0.61	36.56 0.06 0.03	34.68 0.10 0.00	38.68 0.05 0.00	38.88 0.05 0.00	40.67 0.04 0.00	145.21 0.06 0.00	47.78 0.02 0.00	46.64 0.08 0.00	49.61 0.05 0.00	45.79 0.02 0.00	50.10 0.02 0.00	41.98 0.04 0.00	41.89 0.03 0.00
WESTERN_NY_WIND 24143	26.75 0.39 0.00	26.26 0.18 0.00	23.85 0.23 0.00	16.95 0.10 0.00	15.16 0.14 0.00	24.99 0.41 0.00	27.90 0.19 0.00	28.35 0.37 0.00	29.87 0.50 0.00	38.07 1.12 1.52	35.25 0.86 0.49	37.16 0.66 0.02	34.92 0.35 0.00	38.32 -0.30 0.00	38.41 -0.42 0.00	40.08 -0.55 0.00	143.55 -1.59 0.00	47.38 -0.37 0.00	46.29 -0.27 0.00	49.19 -0.37 0.00	46.12 0.35 0.00	50.81 0.74 0.00	42.34 0.39 0.00	42.71 0.85 0.00
WESTOVER___LESR 323668	26.59 0.23 0.00	26.26 0.18 0.00	23.84 0.22 0.00	17.02 0.17 0.00	15.17 0.15 0.00	24.75 0.17 0.00	27.72 0.02 0.00	28.15 0.17 0.00	29.67 0.30 0.00	36.64 0.35 2.18	34.63 0.46 0.71	37.06 0.57 0.03	35.14 0.56 0.00	39.09 0.47 0.00	39.22 0.39 0.00	40.92 0.29 0.00	146.42 1.27 0.00	48.15 0.39 0.00	47.02 0.46 0.00	49.88 0.32 0.00	46.09 0.32 0.00	50.10 0.30 0.27	42.11 0.17 0.00	42.13 0.34 0.07
WETHRSFD_WT_PWR 323626	25.74 -0.62 0.00	25.30 -0.78 0.00	23.09 -0.53 0.00	16.45 -0.40 0.00	14.69 -0.33 0.00	24.20 -0.38 0.00	27.11 -0.59 0.00	27.58 -0.40 0.00	29.13 -0.24 0.00	36.66 -0.11 1.70	34.18 -0.14 0.55	36.32 -0.18 0.03	34.16 -0.42 0.00	37.67 -0.95 0.00	37.58 -1.25 0.00	39.48 -1.15 0.00	141.45 -3.69 0.00	46.38 -1.38 0.00	45.30 -1.26 0.00	48.20 -1.36 0.00	45.15 -0.62 0.00	49.63 -0.38 0.06	41.46 -0.48 0.00	41.89 0.05 0.02
WHAVSTOR_138KV_BK127 55557	29.91 1.21 -2.34	27.32 1.24 0.00	24.75 1.13 0.00	17.73 0.88 0.00	15.75 0.73 0.00	25.49 0.91 0.00	28.50 0.79 0.00	28.85 0.87 0.00	30.44 1.06 0.00	38.22 1.26 1.51	36.15 1.77 0.49	38.47 1.97 0.02	36.68 2.11 0.00	40.99 2.37 0.00	41.22 2.39 0.00	43.02 2.39 0.00	153.27 8.13 0.00	50.52 2.76 0.00	49.18 2.62 0.00	52.00 2.44 0.00	47.66 1.89 0.00	52.00 1.99 0.07	43.71 1.77 0.00	43.52 1.68 0.02
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	29.91 1.21 -2.34	27.32 1.24 0.00	24.75 1.13 0.00	17.73 0.88 0.00	15.75 0.73 0.00	25.49 0.91 0.00	28.50 0.79 0.00	28.85 0.87 0.00	30.44 1.06 0.00	38.22 1.26 1.51	36.15 1.77 0.49	38.47 1.97 0.02	36.68 2.11 0.00	40.99 2.37 0.00	41.22 2.39 0.00	43.02 2.39 0.00	153.27 8.13 0.00	50.52 2.76 0.00	49.18 2.62 0.00	52.00 2.44 0.00	47.66 1.89 0.00	52.00 1.99 0.07	43.71 1.77 0.00	43.52 1.68 0.02
WHITEHAL_115KV_TB1 80871	99.39 2.43 -70.60	28.69 2.61 0.00	26.04 2.42 0.00	18.49 1.64 0.00	16.45 1.42 0.00	26.91 2.33 0.00	29.99 2.29 0.00	29.29 1.31 0.00	30.53 1.15 0.00	37.59 0.77 1.65	35.73 1.39 0.53	39.09 2.59 0.03	36.87 2.30 0.00	41.07 2.45 0.00	41.44 2.61 0.00	43.72 3.09 0.00	152.85 7.70 0.00	51.06 3.30 0.00	50.29 3.73 0.00	55.00 5.43 0.00	50.02 4.24 0.00	53.50 3.48 0.06	44.93 2.99 0.00	44.93 3.09 0.02
WHITEPLN_13_KV_LOAD 356215	30.37 1.60 -2.41	27.71 1.63 0.00	25.11 1.49 0.00	17.98 1.13 0.00	15.98 0.96 0.00	25.85 1.28 0.00	28.92 1.22 0.00	29.36 1.38 0.00	31.01 1.63 0.00	39.00 2.05 1.52	36.88 2.49 0.49	39.29 2.78 0.02	37.45 2.88 0.00	41.86 3.24 0.00	42.09 3.26 0.00	43.98 3.35 0.00	156.75 11.60 0.00	51.67 3.91 0.00	50.29 3.73 0.00	53.15 3.58 0.00	48.66 2.89 0.00	53.03 3.03 0.07	44.54 2.60 0.00	44.31 2.47 0.02
WM_FLOYD_69_KV_BK2 356380	29.75 0.97 -2.42	27.40 1.32 0.00	24.75 1.13 0.00	17.76 0.91 0.00	15.77 0.75 0.00	25.54 0.96 0.00	28.40 0.70 0.00	29.18 1.20 0.00	27.57 0.97 2.78	38.35 1.42 1.54	38.90 2.28 -1.74	38.97 2.24 -0.21	35.77 2.14 0.95	38.93 2.16 1.84	40.86 2.03 0.00	42.66 2.08 0.06	53.73 5.45 96.87	37.71 2.17 12.22	17.05 2.48 31.99	22.69 2.34 29.21	25.12 1.73 22.38	21.69 1.52 29.91	22.99 1.36 20.31	41.90 1.37 1.34
WOODARD___115KV_TB2 355635	25.65 0.01 0.72	26.06 -0.03 0.00	23.62 0.00 0.00	16.85 0.00 0.00	15.02 0.00 0.00	24.50 -0.08 0.00	27.47 -0.23 0.00	27.71 -0.27 0.00	29.12 -0.25 0.00	37.03 -0.41 1.04	34.29 -0.25 0.34	36.36 -0.15 0.02	34.45 -0.12 0.00	38.42 -0.21 0.00	38.62 -0.21 0.00	40.44 -0.19 0.00	144.44 -0.70 0.00	47.71 -0.05 0.00	46.56 0.00 0.00	49.41 -0.16 0.00	45.62 -0.15 0.00	49.98 -0.29 -0.19	41.63 -0.31 0.00	41.58 -0.33 -0.05
WOODMERE_69_KV_BK1 55827	30.42 1.64 -2.42	27.85 1.77 0.00	25.18 1.57 0.00	18.05 1.20 0.00	16.04 1.01 0.00	25.94 1.36 0.00	29.09 1.35 -0.05	29.66 1.63 -0.06	67.32 1.70 -36.24	74.42 2.27 -33.69	84.51 2.86 -46.78	61.38 2.89 -21.96	72.26 3.04 -34.64	65.95 3.29 -24.03	41.94 3.12 0.00	43.91 3.23 -0.05	150.52 10.09 4.72	76.93 3.59 -25.58	74.50 3.54 -24.41	52.82 3.26 0.00	48.34 2.56 0.00	52.69 2.68 0.07	44.34 2.40 0.00	44.11 2.27 0.02
YORK___WARBASSE 23770	30.18 1.40 -2.42	27.51 1.43 0.00	24.93 1.31 0.00	17.85 1.00 0.00	15.86 0.84 0.00	25.62 1.05 0.00	28.65 0.95 0.00	29.11 1.13 0.00	30.81 1.43 0.00	38.67 1.73 1.52	36.63 2.25 0.49	38.98 2.48 0.02	37.20 2.62 0.00	41.54 2.92 0.00	41.69 2.86 0.00	43.49 2.86 0.00	154.71 9.56 0.00	51.05 3.30 0.00	49.64 3.09 0.00	52.63 3.07 0.00	48.19 2.42 0.00	52.54 2.53 0.07	44.29 2.35 0.00	44.10 2.26 0.02