

Day Ahead Market Generator LBMP

--- LBMP \$		--- Marginal Cost of Losses														--- Marginal Cost of Congestion									
Generator Data		04/03/2025																							
Name	PTID	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
59TH STREET_GT_1		EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
24138		39.96	37.99	36.56	36.12	36.83	38.07	50.27	58.15	57.97	56.28	53.22	51.69	50.65	46.80	45.46	45.61	46.48	50.05	55.74	59.71	54.79	45.24	41.57	37.99
		1.96	1.68	1.68	1.67	1.61	2.27	3.64	4.19	5.08	4.98	4.70	4.79	4.59	4.48	3.89	4.11	3.71	4.11	4.37	5.09	5.02	3.96	3.18	2.55
		-9.59	-11.87	-9.84	-9.97	-11.87	-1.35	-1.65	-9.39	0.00	0.00	0.00	0.00	-2.37	-0.07	-5.55	-2.04	-6.76	-6.07	-8.58	-5.17	0.00	0.00	0.00	0.00
74TH STREET_GT_1		40.02	37.99	36.58	36.10	36.81	38.04	50.18	58.02	57.81	56.18	53.13	51.55	50.52	46.68	45.35	45.54	46.37	49.93	55.61	59.61	54.69	45.20	41.53	37.95
24260		2.02	1.69	1.70	1.64	1.59	2.24	3.55	4.06	4.92	4.87	4.61	4.64	4.46	4.35	3.78	4.03	3.60	3.99	4.24	4.99	4.93	3.92	3.15	2.52
		-9.59	-11.87	-9.84	-9.97	-11.88	-1.35	-1.65	-9.39	0.00	0.00	0.00	0.00	-2.37	-0.07	-5.55	-2.04	-6.77	-6.07	-8.58	-5.17	0.00	0.00	0.00	0.00
74TH STREET_GT_2		40.02	37.99	36.58	36.10	36.81	38.04	50.18	58.02	57.81	56.18	53.13	51.55	50.52	46.68	45.35	45.54	46.37	49.93	55.61	59.61	54.69	45.20	41.53	37.95
24261		2.02	1.69	1.70	1.64	1.59	2.24	3.55	4.06	4.92	4.87	4.61	4.64	4.46	4.35	3.78	4.03	3.60	3.99	4.24	4.99	4.93	3.92	3.15	2.52
		-9.59	-11.87	-9.84	-9.97	-11.88	-1.35	-1.65	-9.39	0.00	0.00	0.00	0.00	-2.37	-0.07	-5.55	-2.04	-6.77	-6.07	-8.58	-5.17	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS		42.69	41.29	39.37	38.94	40.20	38.89	50.76	60.41	57.86	56.13	52.98	51.17	50.46	45.93	46.02	45.18	47.69	51.05	57.49	60.41	54.25	44.86	41.30	37.85
24011		2.10	1.78	1.83	1.79	1.77	2.72	3.69	3.92	4.97	4.82	4.46	4.27	3.76	3.59	2.95	3.12	3.10	3.47	3.81	4.40	4.48	3.59	2.92	2.41
		-12.18	-15.07	-12.50	-12.66	-15.08	-1.72	-2.09	-11.92	0.00	0.00	0.00	0.00	-3.01	-0.08	-7.04	-2.58	-8.59	-7.70	-10.90	-6.56	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY		42.82	41.40	39.48	39.05	40.31	39.06	50.98	60.65	58.18	56.38	53.22	51.41	50.64	46.10	46.17	45.33	47.84	51.25	57.76	60.66	54.54	45.07	41.49	37.99
23798		2.22	1.88	1.93	1.89	1.87	2.89	3.91	4.15	5.29	5.08	4.70	4.50	3.93	3.76	3.10	3.27	3.24	3.67	4.07	4.65	4.78	3.79	3.11	2.55
		-12.19	-15.08	-12.51	-12.67	-15.09	-1.72	-2.09	-11.93	0.00	0.00	0.00	0.00	-3.01	-0.08	-7.05	-2.59	-8.60	-7.71	-10.90	-6.57	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS		42.69	41.29	39.37	38.94	40.20	38.89	50.76	60.41	57.86	56.13	52.98	51.17	50.46	45.93	46.02	45.18	47.69	51.05	57.49	60.41	54.25	44.86	41.30	37.85
24028		2.10	1.78	1.83	1.79	1.77	2.72	3.69	3.92	4.97	4.82	4.46	4.27	3.76	3.59	2.95	3.12	3.10	3.47	3.81	4.40	4.48	3.59	2.92	2.41
		-12.18	-15.07	-12.50	-12.66	-15.08	-1.72	-2.09	-11.92	0.00	0.00	0.00	0.00	-3.01	-0.08	-7.04	-2.58	-8.59	-7.70	-10.90	-6.56	0.00	0.00	0.00	0.00
ADK_NYS___DAM		42.01	40.56	38.70	38.29	39.41	38.44	50.32	59.66	57.07	55.25	52.20	50.57	50.00	45.64	45.69	44.96	47.01	50.16	56.45	59.47	53.50	44.20	40.80	37.39
23527		1.87	1.61	1.63	1.62	1.54	2.34	3.33	3.61	4.18	3.95	3.69	3.66	3.41	3.30	2.88	3.00	2.74	2.87	3.17	3.71	3.73	2.93	2.42	1.95
		-11.73	-14.51	-12.03	-12.19	-14.52	-1.65	-2.01	-11.48	0.00	0.00	0.00	0.00	-2.90	-0.08	-6.78	-2.49	-8.27	-7.42	-10.49	-6.32	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP		40.82	39.56	37.70	37.29	38.48	37.00	48.08	57.45	54.53	52.95	50.02	48.45	48.00	43.77	44.01	43.19	45.41	48.58	54.63	57.31	51.31	42.51	39.31	36.43
24190		0.65	0.59	0.60	0.59	0.58	0.90	1.08	1.38	1.64	1.64	1.50	1.55	1.40	1.44	1.19	1.22	1.12	1.28	1.33	1.53	1.54	1.24	0.92	0.99
		-11.75	-14.54	-12.06	-12.22	-14.55	-1.66	-2.02	-11.50	0.00	0.00	0.00	0.00	-2.90	-0.08	-6.80	-2.49	-8.29	-7.43	-10.51	-6.33	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK		28.10	24.14	24.81	24.29	23.05	34.07	44.44	44.08	52.31	50.69	47.94	46.30	43.21	41.67	35.52	38.96	35.50	39.35	42.15	48.70	49.17	40.70	37.96	35.16
355683		-0.31	-0.29	-0.23	-0.20	-0.30	-0.38	-0.54	-0.49	-0.58	-0.62	-0.58	-0.61	-0.48	-0.59	-0.50	-0.51	-0.50	-0.52	-0.64	-0.74	-0.60	-0.58	-0.42	-0.28
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR		41.01	39.64	37.84	37.45	38.55	37.45	48.76	57.85	55.43	53.82	50.80	49.06	48.38	44.07	44.13	43.46	45.61	48.87	55.02	57.88	52.20	43.21	40.00	36.96
323833		1.08	0.95	0.98	0.98	0.93	1.38	1.80	2.01	2.54	2.51	2.28	2.16	1.83	1.73	1.44	1.54	1.48	1.71	1.93	2.23	2.44	1.94	1.61	1.52
		-11.52	-14.25	-11.82	-11.98	-14.26	-1.62	-1.98	-11.28	0.00	0.00	0.00	0.00	-2.85	-0.08	-6.66	-2.44	-8.13	-7.29	-10.31	-6.21	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR		41.01	39.65	37.84	37.42	38.55	37.45	48.76	57.81	55.43	53.77	50.80	49.06	48.38	44.07	44.13	43.46	45.61	48.87	54.98	57.88	52.20	43.21	39.96	36.93
323834		1.08	0.95	0.98	0.95	0.93	1.38	1.80	1.96	2.54	2.46	2.28	2.16	1.83	1.73	1.44	1.54	1.48	1.71	1.88	2.23	2.44	1.94	1.57	1.49
		-11.52	-14.26	-11.82	-11.98	-14.26	-1.62	-1.98	-11.28	0.00	0.00	0.00	0.00	-2.85	-0.08	-6.66	-2.44	-8.13	-7.29	-10.31	-6.21	0.00	0.00	0.00	0.00
ALBANY___1		40.82	39.56	37.70	37.29	38.48	37.00	48.08	57.45	54.53	52.95	50.02	48.45	48.00	43.77	44.01	43.19	45.41	48.58	54.63	57.31	51.31	42.51	39.31	36.43
23571		0.65	0.59	0.60	0.59	0.58	0.90	1.08	1.38	1.64	1.64	1.50	1.55	1.40	1.44	1.19	1.22	1.12	1.28	1.33	1.53	1.54	1.24	0.92	0.99
		-11.75	-14.54	-12.06	-12.22	-14.55	-1.66	-2.02	-11.50	0.00	0.00	0.00	0.00	-2.90	-0.08	-6.80	-2.49	-8.29	-7.43	-10.51	-6.33	0.00	0.00	0.00	0.00

ALBANY___2 23572	40.82 0.65 -11.75	39.56 0.59 -14.54	37.70 0.60 -12.06	37.29 0.59 -12.22	38.48 0.58 -14.55	37.00 0.90 -1.66	48.08 1.08 -2.02	57.45 1.38 -11.50	54.53 1.64 0.00	52.95 1.64 0.00	50.02 1.50 0.00	48.45 1.55 0.00	48.00 1.40 -2.90	43.77 1.44 -0.08	44.01 1.19 -6.80	43.19 1.22 -2.49	45.41 1.12 -8.29	48.58 1.28 -7.43	54.63 1.33 -10.51	57.31 1.53 -6.33	51.31 1.54 0.00	42.51 1.24 0.00	39.31 0.92 0.00	36.43 0.99 0.00
ALBANY___3 23573	40.82 0.65 -11.75	39.56 0.59 -14.54	37.70 0.60 -12.06	37.29 0.59 -12.22	38.48 0.58 -14.55	37.00 0.90 -1.66	48.08 1.08 -2.02	57.45 1.38 -11.50	54.53 1.64 0.00	52.95 1.64 0.00	50.02 1.50 0.00	48.45 1.55 0.00	48.00 1.40 -2.90	43.77 1.44 -0.08	44.01 1.19 -6.80	43.19 1.22 -2.49	45.41 1.12 -8.29	48.58 1.28 -7.43	54.63 1.33 -10.51	57.31 1.53 -6.33	51.31 1.54 0.00	42.51 1.24 0.00	39.31 0.92 0.00	36.43 0.99 0.00
ALBANY___4 23574	40.82 0.65 -11.75	39.56 0.59 -14.54	37.70 0.60 -12.06	37.29 0.59 -12.22	38.48 0.58 -14.55	37.00 0.90 -1.66	48.08 1.08 -2.02	57.45 1.38 -11.50	54.53 1.64 0.00	52.95 1.64 0.00	50.02 1.50 0.00	48.45 1.55 0.00	48.00 1.40 -2.90	43.77 1.44 -0.08	44.01 1.19 -6.80	43.19 1.22 -2.49	45.41 1.12 -8.29	48.58 1.28 -7.43	54.63 1.33 -10.51	57.31 1.53 -6.33	51.31 1.54 0.00	42.51 1.24 0.00	39.31 0.92 0.00	36.43 0.99 0.00
ALBANY___LFGE 323615	41.21 0.91 -11.89	39.96 0.81 -14.71	38.07 0.83 -12.20	37.66 0.81 -12.36	38.87 0.79 -14.72	37.30 1.17 -1.67	48.55 1.53 -2.04	58.04 1.83 -11.64	55.11 2.22 0.00	53.51 2.20 0.00	50.60 2.08 0.00	48.97 2.06 0.00	48.51 1.88 -2.94	44.15 1.82 -0.08	44.45 1.55 -6.88	43.65 1.66 -2.52	45.90 1.51 -8.39	49.07 1.67 -7.52	55.18 1.76 -10.64	57.83 1.98 -6.41	51.81 2.04 0.00	42.88 1.61 0.00	39.61 1.23 0.00	36.68 1.24 0.00
ALCOA_PA_115KV_PL-6C 55860	28.15 -0.26 0.00	24.19 -0.24 0.00	24.89 -0.15 0.00	24.37 -0.12 0.00	23.09 -0.26 0.00	34.14 -0.31 0.00	44.53 -0.45 0.00	44.17 -0.40 0.00	52.42 -0.48 0.00	50.79 -0.51 0.00	47.99 -0.53 0.00	46.34 -0.56 0.00	43.26 -0.44 0.00	41.67 -0.59 0.00	35.52 -0.50 0.00	39.00 -0.47 0.00	35.54 -0.47 0.00	39.39 -0.48 0.00	42.19 -0.60 0.00	48.75 -0.69 0.00	49.27 -0.50 0.00	40.78 -0.50 0.00	38.04 -0.35 0.00	35.23 -0.21 0.00
ALCOA_RYNLDS___DRP 24188	28.15 -0.26 0.00	24.19 -0.24 0.00	24.89 -0.15 0.00	24.37 -0.12 0.00	23.09 -0.26 0.00	34.14 -0.31 0.00	44.53 -0.45 0.00	44.17 -0.40 0.00	52.42 -0.48 0.00	50.79 -0.51 0.00	47.99 -0.53 0.00	46.34 -0.56 0.00	43.26 -0.44 0.00	41.67 -0.59 0.00	35.52 -0.50 0.00	39.00 -0.47 0.00	35.54 -0.47 0.00	39.39 -0.48 0.00	42.19 -0.60 0.00	48.75 -0.69 0.00	49.27 -0.50 0.00	40.78 -0.50 0.00	38.04 -0.35 0.00	35.23 -0.21 0.00
ALCOA___DSASP 323711	28.15 -0.26 0.00	24.19 -0.24 0.00	24.89 -0.15 0.00	24.37 -0.12 0.00	23.09 -0.26 0.00	34.14 -0.31 0.00	44.49 -0.49 0.00	44.17 -0.40 0.00	52.41 -0.48 0.00	50.79 -0.51 0.00	47.99 -0.53 0.00	46.34 -0.56 0.00	43.26 -0.44 0.00	41.67 -0.59 0.00	35.52 -0.50 0.00	39.00 -0.47 0.00	35.54 -0.47 0.00	39.40 -0.48 0.00	42.19 -0.60 0.00	48.75 -0.69 0.00	49.22 -0.55 0.00	40.78 -0.49 0.00	38.04 -0.35 0.00	35.26 -0.18 0.00
ALLEGHENY___COGEN 23514	30.49 0.99 -1.09	26.74 0.95 -1.35	27.13 0.98 -1.12	26.53 0.91 -1.13	25.61 0.91 -1.35	35.94 1.34 -0.15	46.61 1.44 -0.19	46.10 1.03 -0.51	50.71 0.42 2.60	48.07 -0.51 2.72	46.45 -0.63 1.44	45.08 -1.08 0.75	39.61 -1.31 2.77	38.66 -0.89 2.71	34.41 -0.65 0.97	35.63 -0.67 3.17	34.47 -0.54 1.00	40.07 0.04 -0.16	44.57 0.81 -0.97	51.96 1.93 -0.59	51.76 1.99 0.00	43.01 1.73 0.00	40.19 1.80 0.00	36.68 1.24 0.00
ALTAMONT_115KV_TB 2 55880	41.86 1.36 -12.09	40.57 1.17 -14.96	38.62 1.18 -12.40	38.21 1.15 -12.57	39.46 1.14 -14.97	37.87 1.72 -1.70	49.44 2.38 -2.08	58.94 2.54 -11.83	55.91 3.01 0.00	54.13 2.82 0.00	51.09 2.57 0.00	49.39 2.49 0.00	48.95 2.27 -2.99	44.54 2.20 -0.08	44.85 1.84 -6.99	44.01 1.97 -2.56	46.44 1.91 -8.53	49.75 2.23 -7.65	56.09 2.48 -10.81	58.83 2.87 -6.51	52.70 2.94 0.00	43.63 2.35 0.00	40.30 1.92 0.00	37.03 1.59 0.00
ALTONA_WT_PWR 323606	27.36 -1.05 0.00	23.56 -0.88 0.00	24.34 -0.70 0.00	23.85 -0.64 0.00	22.56 -0.79 0.00	33.45 -1.00 0.00	43.40 -1.58 0.00	43.01 -1.56 0.00	50.88 -2.01 0.00	49.61 -1.69 0.00	46.87 -1.65 0.00	45.31 -1.59 0.00	42.29 -1.40 0.00	40.86 -1.39 0.00	34.98 -1.05 0.00	38.45 -1.03 0.00	35.03 -0.97 0.00	38.64 -1.24 0.00	41.29 -1.50 0.00	47.67 -1.78 0.00	48.13 -1.64 0.00	39.91 -1.36 0.00	37.31 -1.07 0.00	34.59 -0.85 0.00
AMERICAN_REF_FUEL 24010	27.38 -2.44 -1.42	24.14 -2.05 -1.75	24.21 -2.28 -1.45	23.73 -2.23 -1.47	23.21 -1.89 -1.75	31.58 -3.07 -0.20	40.59 -4.63 -0.24	40.17 -4.86 -0.46	41.84 -6.24 4.81	40.06 -6.21 5.04	40.38 -5.48 2.66	40.32 -5.21 1.38	33.20 -5.24 5.25	32.51 -4.73 5.02	30.05 -3.89 2.08	29.05 -4.46 5.97	29.58 -4.18 2.25	35.26 -4.58 0.03	39.43 -4.62 -1.27	44.87 -5.34 -0.76	44.29 -5.47 0.00	37.72 -3.55 0.00	35.47 -2.92 0.00	32.82 -2.62 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	27.29 -2.76 -1.64	24.12 -2.35 -2.02	24.14 -2.58 -1.68	23.64 -2.55 -1.70	23.20 -2.17 -2.03	31.13 -3.55 -0.23	40.40 -4.86 -0.28	39.74 -5.26 -0.43	42.74 -6.40 3.75	41.16 -6.21 3.93	40.77 -5.68 2.07	40.44 -5.39 1.07	34.46 -5.16 4.08	33.48 -4.86 3.92	30.23 -4.21 1.58	30.09 -4.74 4.64	30.25 -4.11 1.65	35.41 -4.51 -0.05	39.80 -4.45 -1.46	45.24 -5.09 -0.88	45.14 -4.63 0.00	38.63 -2.64 0.00	36.66 -1.73 0.00	34.27 -1.17 0.00
ARTHUR KILL_GT_1 23520	54.53 2.19 -23.93	53.85 1.81 -27.61	53.85 1.85 -26.96	36.25 1.79 -9.98	36.96 1.73 -11.88	38.18 2.38 -1.36	53.87 3.69 -5.20	58.02 4.06 -9.40	58.85 4.97 -0.99	58.95 4.88 -2.77	58.50 4.70 -5.27	57.29 4.74 -5.65	58.44 4.54 -10.20	56.01 4.44 -9.32	57.87 3.86 -17.99	56.02 4.11 -12.44	57.96 3.71 -18.24	59.17 4.07 -15.23	58.48 4.37 -11.32	59.61 4.99 -5.18	62.66 5.02 -7.87	58.47 4.05 -13.15	55.55 3.30 -13.87	54.55 2.73 -16.38
ARTHUR_KILL_2 23512	54.44 2.10 -23.93	53.78 1.74 -27.61	53.78 1.78 -26.96	36.18 1.71 -9.98	36.89 1.66 -11.88	38.08 2.27 -1.36	53.78 3.60 -5.20	57.93 3.97 -9.40	58.69 4.81 -0.99	58.85 4.77 -2.77	58.35 4.56 -5.27	57.15 4.60 -5.65	58.35 4.46 -10.20	55.89 4.31 -9.32	57.76 3.75 -17.99	55.90 3.99 -12.44	57.85 3.60 -18.24	59.09 3.99 -15.23	58.35 4.24 -11.32	59.47 4.85 -5.18	62.46 4.83 -7.87	58.35 3.92 -13.15	55.43 3.18 -13.87	54.44 2.62 -16.38
ARTHUR_KILL_3 23513	54.06 1.73 -23.92	53.48 1.44 -27.60	53.47 1.48 -26.95	35.88 1.42 -9.97	36.60 1.38 -11.87	37.69 1.89 -1.35	53.32 3.15 -5.19	57.57 3.61 -9.39	58.26 4.39 -0.98	58.38 4.31 -2.77	57.86 4.08 -5.26	56.72 4.17 -5.64	57.86 3.98 -10.19	55.50 3.93 -9.31	57.43 3.42 -17.98	55.54 3.63 -12.43	57.52 3.28 -18.24	58.68 3.59 -15.22	57.96 3.85 -11.32	59.11 4.50 -5.17	62.11 4.48 -7.86	57.93 3.51 -13.14	55.01 2.77 -13.86	54.01 2.20 -16.37

ARTHUR_KILL_COGEN 323718	54.53 2.19 -23.93	53.85 1.81 -27.61	53.85 1.85 -26.96	36.25 1.79 -9.98	36.96 1.73 -11.88	38.18 2.38 -1.36	53.87 3.69 -5.20	58.02 4.06 -9.40	58.85 4.97 -0.99	58.95 4.88 -2.77	58.50 4.70 -5.27	57.29 4.74 -5.65	58.44 4.54 -10.20	56.01 4.44 -9.32	57.87 3.86 -17.99	56.02 4.11 -12.44	57.96 3.71 -18.24	59.17 4.07 -15.23	58.48 4.37 -11.32	59.61 4.99 -5.18	62.66 5.02 -7.87	58.47 4.05 -13.15	55.55 3.30 -13.87	54.55 2.73 -16.38
ASHOKAN____ 23654	39.07 -0.06 -10.72	37.65 -0.05 -13.26	35.96 -0.07 -11.00	35.53 -0.10 -11.14	36.55 -0.07 -13.27	35.79 -0.17 -1.51	46.96 0.14 -1.84	55.55 0.49 -10.49	56.17 3.28 0.00	54.69 3.39 0.00	51.48 2.96 0.00	49.77 2.86 0.00	47.17 0.83 -2.65	43.09 0.76 -0.07	42.76 0.54 -6.20	42.26 0.51 -2.27	44.03 0.47 -7.56	47.29 0.64 -6.78	53.11 0.73 -9.59	56.41 1.18 -5.77	53.15 3.39 0.00	44.08 2.81 0.00	40.73 2.34 0.00	37.74 2.30 0.00
ASTORIA_EAST_ENERGY_CC1 323581	39.88 1.87 -9.59	37.82 1.52 -11.87	36.46 1.58 -9.84	35.95 1.49 -9.97	36.65 1.42 -11.88	37.65 1.86 -1.34	49.68 3.06 -1.64	57.52 3.57 -9.38	57.38 4.49 0.01	55.76 4.46 0.01	52.73 4.22 0.01	51.16 4.27 0.01	50.16 4.11 -2.36	46.33 4.02 -0.06	45.06 3.49 -5.54	45.21 3.71 -2.03	46.11 3.35 -6.76	49.64 3.71 -6.06	55.26 3.89 -8.57	59.10 4.50 -5.16	54.29 4.53 0.01	44.77 3.51 0.01	41.18 2.80 0.00	37.74 2.30 0.00
ASTORIA_EAST_ENERGY_CC2 323582	39.88 1.87 -9.59	37.82 1.52 -11.87	36.46 1.58 -9.84	35.95 1.49 -9.97	36.65 1.42 -11.88	37.65 1.86 -1.34	49.68 3.06 -1.64	57.52 3.57 -9.38	57.38 4.49 0.01	55.76 4.46 0.01	52.73 4.22 0.01	51.16 4.27 0.01	50.16 4.11 -2.36	46.33 4.02 -0.06	45.06 3.49 -5.54	45.21 3.71 -2.03	46.11 3.35 -6.76	49.64 3.71 -6.06	55.26 3.89 -8.57	59.10 4.50 -5.16	54.29 4.53 0.01	44.77 3.51 0.01	41.18 2.80 0.00	37.74 2.30 0.00
ASTORIA_GT2_1 24094	39.91 1.90 -9.59	37.85 1.54 -11.87	36.46 1.58 -9.84	35.98 1.52 -9.97	36.65 1.42 -11.88	37.69 1.89 -1.35	49.73 3.10 -1.65	57.57 3.61 -9.39	57.39 4.50 0.00	55.81 4.51 0.01	52.78 4.27 0.01	51.21 4.32 0.01	50.22 4.15 -2.37	46.37 4.06 -0.06	45.09 3.53 -5.54	45.26 3.75 -2.04	46.15 3.38 -6.76	49.64 3.71 -6.06	55.26 3.89 -8.58	59.11 4.50 -5.17	54.30 4.53 0.00	44.82 3.55 0.00	41.22 2.84 0.00	37.74 2.30 0.00
ASTORIA_GT2_2 24095	39.91 1.90 -9.59	37.85 1.54 -11.87	36.46 1.58 -9.84	35.98 1.52 -9.97	36.65 1.42 -11.88	37.69 1.89 -1.35	49.73 3.10 -1.65	57.57 3.61 -9.39	57.39 4.50 0.00	55.81 4.51 0.01	52.78 4.27 0.01	51.21 4.32 0.01	50.22 4.15 -2.37	46.37 4.06 -0.06	45.09 3.53 -5.54	45.26 3.75 -2.04	46.15 3.38 -6.76	49.64 3.71 -6.06	55.26 3.89 -8.58	59.11 4.50 -5.17	54.30 4.53 0.00	44.82 3.55 0.00	41.22 2.84 0.00	37.74 2.30 0.00
ASTORIA_GT2_3 24096	39.91 1.90 -9.59	37.85 1.54 -11.87	36.46 1.58 -9.84	35.98 1.52 -9.97	36.65 1.42 -11.88	37.69 1.89 -1.35	49.73 3.10 -1.65	57.57 3.61 -9.39	57.39 4.50 0.00	55.81 4.51 0.01	52.78 4.27 0.01	51.21 4.32 0.01	50.22 4.15 -2.37	46.37 4.06 -0.06	45.09 3.53 -5.54	45.26 3.75 -2.04	46.15 3.38 -6.76	49.64 3.71 -6.06	55.26 3.89 -8.58	59.11 4.50 -5.17	54.30 4.53 0.00	44.82 3.55 0.00	41.22 2.84 0.00	37.74 2.30 0.00
ASTORIA_GT2_4 24097	39.91 1.90 -9.59	37.85 1.54 -11.87	36.46 1.58 -9.84	35.98 1.52 -9.97	36.65 1.42 -11.88	37.69 1.89 -1.35	49.73 3.10 -1.65	57.57 3.61 -9.39	57.39 4.50 0.00	55.81 4.51 0.01	52.78 4.27 0.01	51.21 4.32 0.01	50.22 4.15 -2.37	46.37 4.06 -0.06	45.09 3.53 -5.54	45.26 3.75 -2.04	46.15 3.38 -6.76	49.64 3.71 -6.06	55.26 3.89 -8.58	59.11 4.50 -5.17	54.30 4.53 0.00	44.82 3.55 0.00	41.22 2.84 0.00	37.74 2.30 0.00
ASTORIA_GT3_1 24098	39.91 1.90 -9.59	37.85 1.54 -11.87	36.46 1.58 -9.84	35.98 1.52 -9.97	36.65 1.42 -11.88	37.69 1.89 -1.35	49.73 3.10 -1.65	57.57 3.61 -9.39	57.39 4.50 0.00	55.81 4.51 0.01	52.78 4.27 0.01	51.21 4.32 0.01	50.22 4.15 -2.37	46.37 4.06 -0.06	45.09 3.53 -5.54	45.26 3.75 -2.04	46.15 3.38 -6.76	49.64 3.71 -6.06	55.26 3.89 -8.58	59.11 4.50 -5.17	54.30 4.53 0.00	44.82 3.55 0.00	41.22 2.84 0.00	37.74 2.30 0.00
ASTORIA_GT3_2 24099	39.91 1.90 -9.59	37.85 1.54 -11.87	36.46 1.58 -9.84	35.98 1.52 -9.97	36.65 1.42 -11.88	37.69 1.89 -1.35	49.73 3.10 -1.65	57.57 3.61 -9.39	57.39 4.50 0.00	55.81 4.51 0.01	52.78 4.27 0.01	51.21 4.32 0.01	50.22 4.15 -2.37	46.37 4.06 -0.06	45.09 3.53 -5.54	45.26 3.75 -2.04	46.15 3.38 -6.76	49.64 3.71 -6.06	55.26 3.89 -8.58	59.11 4.50 -5.17	54.30 4.53 0.00	44.82 3.55 0.00	41.22 2.84 0.00	37.74 2.30 0.00
ASTORIA_GT3_3 24100	39.91 1.90 -9.59	37.85 1.54 -11.87	36.46 1.58 -9.84	35.98 1.52 -9.97	36.65 1.42 -11.88	37.69 1.89 -1.35	49.73 3.10 -1.65	57.57 3.61 -9.39	57.39 4.50 0.00	55.81 4.51 0.01	52.78 4.27 0.01	51.21 4.32 0.01	50.22 4.15 -2.37	46.37 4.06 -0.06	45.09 3.53 -5.54	45.26 3.75 -2.04	46.15 3.38 -6.76	49.64 3.71 -6.06	55.26 3.89 -8.58	59.11 4.50 -5.17	54.30 4.53 0.00	44.82 3.55 0.00	41.22 2.84 0.00	37.74 2.30 0.00
ASTORIA_GT3_4 24101	39.91 1.90 -9.59	37.85 1.54 -11.87	36.46 1.58 -9.84	35.98 1.52 -9.97	36.65 1.42 -11.88	37.69 1.89 -1.35	49.73 3.10 -1.65	57.57 3.61 -9.39	57.39 4.50 0.00	55.81 4.51 0.01	52.78 4.27 0.01	51.21 4.32 0.01	50.22 4.15 -2.37	46.37 4.06 -0.06	45.09 3.53 -5.54	45.26 3.75 -2.04	46.15 3.38 -6.76	49.64 3.71 -6.06	55.26 3.89 -8.58	59.11 4.50 -5.17	54.30 4.53 0.00	44.82 3.55 0.00	41.22 2.84 0.00	37.74 2.30 0.00
ASTORIA_GT4_1 24102	39.91 1.90 -9.59	37.85 1.54 -11.87	36.46 1.58 -9.84	35.98 1.52 -9.97	36.65 1.42 -11.88	37.69 1.89 -1.35	49.73 3.10 -1.65	57.57 3.61 -9.39	57.39 4.50 0.00	55.81 4.51 0.01	52.78 4.27 0.01	51.21 4.32 0.01	50.22 4.15 -2.37	46.37 4.06 -0.06	45.09 3.53 -5.54	45.26 3.75 -2.04	46.15 3.38 -6.76	49.64 3.71 -6.06	55.26 3.89 -8.58	59.11 4.50 -5.17	54.30 4.53 0.00	44.82 3.55 0.00	41.22 2.84 0.00	37.74 2.30 0.00
ASTORIA_GT4_2 24103	39.91 1.90 -9.59	37.85 1.54 -11.87	36.46 1.58 -9.84	35.98 1.52 -9.97	36.65 1.42 -11.88	37.69 1.89 -1.35	49.73 3.10 -1.65	57.57 3.61 -9.39	57.39 4.50 0.00	55.81 4.51 0.01	52.78 4.27 0.01	51.21 4.32 0.01	50.22 4.15 -2.37	46.37 4.06 -0.06	45.09 3.53 -5.54	45.26 3.75 -2.04	46.15 3.38 -6.76	49.64 3.71 -6.06	55.26 3.89 -8.58	59.11 4.50 -5.17	54.30 4.53 0.00	44.82 3.55 0.00	41.22 2.84 0.00	37.74 2.30 0.00
ASTORIA_GT4_3 24104	39.91 1.90 -9.59	37.85 1.54 -11.87	36.46 1.58 -9.84	35.98 1.52 -9.97	36.65 1.42 -11.88	37.69 1.89 -1.35	49.73 3.10 -1.65	57.57 3.61 -9.39	57.39 4.50 0.00	55.81 4.51 0.01	52.78 4.27 0.01	51.21 4.32 0.01	50.22 4.15 -2.37	46.37 4.06 -0.06	45.09 3.53 -5.54	45.26 3.75 -2.04	46.15 3.38 -6.76	49.64 3.71 -6.06	55.26 3.89 -8.58	59.11 4.50 -5.17	54.30 4.53 0.00	44.82 3.55 0.00	41.22 2.84 0.00	37.74 2.30 0.00

ASTORIA_GT4_4 24105	39.91 1.90 -9.59	37.85 1.54 -11.87	36.46 1.58 -9.84	35.98 1.52 -9.97	36.65 1.42 -11.88	37.69 1.89 -1.35	49.73 3.10 -1.65	57.57 3.61 -9.39	57.39 4.50 0.00	55.81 4.51 0.01	52.78 4.27 0.01	51.21 4.32 0.01	50.22 4.15 -2.37	46.37 4.06 -0.06	45.09 3.53 -5.54	45.26 3.75 -2.04	46.15 3.38 -6.76	49.64 3.71 -6.06	55.26 3.89 -8.58	59.11 4.50 -5.17	54.30 4.53 0.00	44.82 3.55 0.00	41.22 2.84 0.00	37.74 2.30 0.00
ASTORIA_GT_1 23523	39.94 1.93 -9.59	37.87 1.57 -11.87	36.49 1.60 -9.84	36.00 1.54 -9.97	36.70 1.47 -11.88	37.72 1.93 -1.34	49.77 3.15 -1.64	57.61 3.66 -9.38	57.48 4.60 0.01	55.86 4.56 0.01	52.83 4.32 0.01	51.30 4.41 0.01	50.25 4.20 -2.36	46.46 4.14 -0.06	45.17 3.60 -5.54	45.29 3.79 -2.03	46.18 3.42 -6.76	49.72 3.79 -6.06	55.38 4.02 -8.57	59.25 4.65 -5.16	54.39 4.63 0.01	44.86 3.59 0.01	41.26 2.88 0.00	37.81 2.37 0.00
ASTORIA_GT_10 24110	39.99 1.99 -9.59	37.94 1.64 -11.87	36.58 1.70 -9.84	36.08 1.62 -9.97	36.79 1.56 -11.88	37.94 2.14 -1.35	50.04 3.42 -1.65	57.88 3.92 -9.39	57.65 4.76 0.00	56.08 4.77 -0.01	53.04 4.51 -0.01	51.46 4.55 -0.01	50.43 4.37 -2.37	46.60 4.27 -0.07	45.29 3.71 -5.56	45.46 3.95 -2.04	46.34 3.56 -6.77	50.79 3.91 -7.01	55.52 4.15 -8.58	59.41 4.80 -5.17	54.54 4.78 0.00	45.07 3.80 0.00	41.46 3.07 0.00	37.92 2.48 0.00
ASTORIA_GT_11 24225	39.99 1.99 -9.59	37.94 1.64 -11.87	36.58 1.70 -9.84	36.08 1.62 -9.97	36.79 1.56 -11.88	37.94 2.14 -1.35	50.04 3.42 -1.65	57.88 3.92 -9.39	57.65 4.76 0.00	56.08 4.77 -0.01	53.04 4.51 -0.01	51.46 4.55 -0.01	50.43 4.37 -2.37	46.60 4.27 -0.07	45.29 3.71 -5.56	45.46 3.95 -2.04	46.34 3.56 -6.77	50.79 3.91 -7.01	55.52 4.15 -8.58	59.41 4.80 -5.17	54.54 4.78 0.00	45.07 3.80 0.00	41.46 3.07 0.00	37.92 2.48 0.00
ASTORIA_GT_12 24226	39.99 1.99 -9.59	37.94 1.64 -11.87	36.58 1.70 -9.84	36.08 1.62 -9.97	36.79 1.56 -11.88	37.94 2.14 -1.35	50.04 3.42 -1.65	57.88 3.92 -9.39	57.65 4.76 0.00	56.08 4.77 -0.01	53.04 4.51 -0.01	51.46 4.55 -0.01	50.43 4.37 -2.37	46.60 4.27 -0.07	45.29 3.71 -5.56	45.46 3.95 -2.04	46.34 3.56 -6.77	50.79 3.91 -7.01	55.52 4.15 -8.58	59.41 4.80 -5.17	54.54 4.78 0.00	45.07 3.80 0.00	41.46 3.07 0.00	37.92 2.48 0.00
ASTORIA_GT_13 24227	39.99 1.99 -9.59	37.94 1.64 -11.87	36.58 1.70 -9.84	36.08 1.62 -9.97	36.79 1.56 -11.88	37.94 2.14 -1.35	50.04 3.42 -1.65	57.88 3.92 -9.39	57.65 4.76 0.00	56.08 4.77 -0.01	53.04 4.51 -0.01	51.46 4.55 -0.01	50.43 4.37 -2.37	46.60 4.27 -0.07	45.29 3.71 -5.56	45.46 3.95 -2.04	46.34 3.56 -6.77	50.79 3.91 -7.01	55.52 4.15 -8.58	59.41 4.80 -5.17	54.54 4.78 0.00	45.07 3.80 0.00	41.46 3.07 0.00	37.92 2.48 0.00
ASTORIA_GT_5 24106	39.94 1.93 -9.59	37.87 1.56 -11.87	36.48 1.60 -9.84	36.00 1.54 -9.97	36.70 1.47 -11.88	37.73 1.93 -1.35	49.77 3.15 -1.65	57.66 3.70 -9.39	57.49 4.60 0.00	55.86 4.57 0.01	52.83 4.32 0.01	51.31 4.41 0.01	50.26 4.19 -2.37	46.46 4.14 -0.06	45.17 3.60 -5.54	45.34 3.83 -2.04	46.22 3.46 -6.76	49.72 3.79 -6.06	55.35 3.98 -8.58	59.21 4.60 -5.17	54.39 4.63 0.00	44.91 3.63 0.00	41.30 2.92 0.00	37.78 2.34 0.00
ASTORIA_GT_7 24107	39.94 1.93 -9.59	37.87 1.56 -11.87	36.48 1.60 -9.84	36.00 1.54 -9.97	36.70 1.47 -11.88	37.73 1.93 -1.35	49.77 3.15 -1.65	57.66 3.70 -9.39	57.49 4.60 0.00	55.86 4.57 0.01	52.83 4.32 0.01	51.31 4.41 0.01	50.26 4.19 -2.37	46.46 4.14 -0.06	45.17 3.60 -5.54	45.34 3.83 -2.04	46.22 3.46 -6.76	49.72 3.79 -6.06	55.35 3.98 -8.58	59.21 4.60 -5.17	54.39 4.63 0.00	44.91 3.63 0.00	41.30 2.92 0.00	37.78 2.34 0.00
ASTORIA_GT_8 24108	39.94 1.93 -9.59	37.87 1.56 -11.87	36.48 1.60 -9.84	36.00 1.54 -9.97	36.70 1.47 -11.88	37.73 1.93 -1.35	49.77 3.15 -1.65	57.66 3.70 -9.39	57.49 4.60 0.00	55.86 4.57 0.01	52.83 4.32 0.01	51.31 4.41 0.01	50.26 4.19 -2.37	46.46 4.14 -0.06	45.17 3.60 -5.54	45.34 3.83 -2.04	46.22 3.46 -6.76	49.72 3.79 -6.06	55.35 3.98 -8.58	59.21 4.60 -5.17	54.39 4.63 0.00	44.91 3.63 0.00	41.30 2.92 0.00	37.78 2.34 0.00
ASTORIA___2 24149	39.91 1.90 -9.59	37.85 1.54 -11.87	36.46 1.58 -9.84	35.98 1.52 -9.97	36.65 1.42 -11.88	37.69 1.89 -1.34	49.72 3.10 -1.64	57.52 3.57 -9.38	57.38 4.49 0.01	55.76 4.46 0.01	52.78 4.27 0.01	51.21 4.31 0.01	50.21 4.15 -2.36	46.37 4.06 -0.06	45.10 3.53 -5.54	45.21 3.71 -2.03	46.15 3.38 -6.76	49.64 3.71 -6.06	55.30 3.93 -8.57	59.15 4.55 -5.16	54.33 4.58 0.01	44.77 3.51 0.01	41.22 2.84 0.00	37.78 2.34 0.00
ASTORIA___3 23516	39.99 1.99 -9.59	37.94 1.64 -11.87	36.59 1.70 -9.84	36.08 1.62 -9.97	36.79 1.56 -11.88	37.94 2.14 -1.35	50.04 3.42 -1.65	57.84 3.88 -9.39	57.65 4.76 0.00	56.08 4.77 -0.01	53.04 4.51 -0.01	51.46 4.55 -0.01	50.43 4.37 -2.37	46.60 4.27 -0.07	45.29 3.71 -5.56	45.42 3.91 -2.04	46.34 3.57 -6.77	50.80 3.91 -7.01	55.52 4.15 -8.58	59.41 4.79 -5.17	54.59 4.83 0.00	45.03 3.76 0.00	41.42 3.03 0.00	37.92 2.48 0.00
ASTORIA___4 23517	39.99 1.99 -9.59	37.94 1.64 -11.87	36.58 1.70 -9.84	36.08 1.62 -9.97	36.79 1.56 -11.88	37.94 2.14 -1.35	50.04 3.42 -1.65	57.88 3.92 -9.39	57.65 4.76 0.00	56.08 4.77 -0.01	53.04 4.51 -0.01	51.46 4.55 -0.01	50.43 4.37 -2.37	46.60 4.27 -0.07	45.29 3.71 -5.56	45.46 3.95 -2.04	46.34 3.56 -6.77	50.79 3.91 -7.01	55.52 4.15 -8.58	59.41 4.80 -5.17	54.54 4.78 0.00	45.07 3.80 0.00	41.46 3.07 0.00	37.92 2.48 0.00
ASTORIA___5 23518	39.99 1.99 -9.59	37.94 1.64 -11.87	36.59 1.70 -9.84	36.08 1.62 -9.97	36.79 1.56 -11.88	37.94 2.14 -1.35	50.04 3.42 -1.65	57.84 3.88 -9.39	57.65 4.76 0.00	56.08 4.77 -0.01	53.04 4.51 -0.01	51.46 4.55 -0.01	50.43 4.37 -2.37	46.60 4.27 -0.07	45.29 3.71 -5.56	45.42 3.91 -2.04	46.34 3.57 -6.77	50.80 3.91 -7.01	55.52 4.15 -8.58	59.41 4.79 -5.17	54.59 4.83 0.00	45.03 3.76 0.00	41.42 3.03 0.00	37.92 2.48 0.00
AST_ENERGY_2_CC3 323677	39.88 1.87 -9.59	37.87 1.57 -11.87	36.46 1.58 -9.84	35.98 1.52 -9.97	36.70 1.47 -11.87	37.83 2.03 -1.35	49.91 3.28 -1.65	57.75 3.79 -9.39	57.44 4.55 0.00	55.82 4.52 0.00	52.79 4.27 0.00	51.22 4.31 0.00	50.22 4.15 -2.37	46.38 4.06 -0.07	45.10 3.53 -5.55	45.26 3.75 -2.04	46.15 3.38 -6.77	49.65 3.71 -6.07	55.35 3.98 -8.58	59.26 4.65 -5.17	54.40 4.63 0.00	44.91 3.63 0.00	41.26 2.88 0.00	37.74 2.30 0.00
AST_ENERGY_2_CC4 323678	39.88 1.87 -9.59	37.87 1.57 -11.87	36.46 1.58 -9.84	35.98 1.52 -9.97	36.70 1.47 -11.87	37.83 2.03 -1.35	49.91 3.28 -1.65	57.75 3.79 -9.39	57.44 4.55 0.00	55.82 4.52 0.00	52.79 4.27 0.00	51.22 4.31 0.00	50.22 4.15 -2.37	46.38 4.06 -0.07	45.10 3.53 -5.55	45.26 3.75 -2.04	46.15 3.38 -6.77	49.65 3.71 -6.07	55.35 3.98 -8.58	59.26 4.65 -5.17	54.40 4.63 0.00	44.91 3.63 0.00	41.26 2.88 0.00	37.74 2.30 0.00

ATHENS_STG_1 23668	40.01 1.14 -10.46	38.35 0.98 -12.94	36.77 1.00 -10.73	36.31 0.95 -10.87	37.23 0.93 -12.94	37.23 1.31 -1.47	48.75 1.98 -1.80	57.08 2.27 -10.24	55.59 2.70 0.00	53.97 2.67 0.00	51.04 2.52 0.00	49.44 2.53 0.00	48.68 2.40 -2.58	44.69 2.36 -0.07	44.09 2.02 -6.05	43.86 2.17 -2.22	45.32 1.94 -7.37	48.60 2.11 -6.61	54.45 2.31 -9.35	57.75 2.67 -5.63	52.45 2.69 0.00	43.38 2.10 0.00	40.07 1.69 0.00	36.86 1.42 0.00
ATHENS_STG_2 23670	40.01 1.14 -10.46	38.35 0.98 -12.94	36.77 1.00 -10.73	36.31 0.95 -10.87	37.23 0.93 -12.94	37.23 1.31 -1.47	48.75 1.98 -1.80	57.08 2.27 -10.24	55.59 2.70 0.00	53.97 2.67 0.00	51.04 2.52 0.00	49.44 2.53 0.00	48.68 2.40 -2.58	44.69 2.36 -0.07	44.09 2.02 -6.05	43.86 2.17 -2.22	45.32 1.94 -7.37	48.60 2.11 -6.61	54.45 2.31 -9.35	57.75 2.67 -5.63	52.45 2.69 0.00	43.38 2.10 0.00	40.07 1.69 0.00	36.86 1.42 0.00
ATHENS_STG_3 23677	40.01 1.14 -10.46	38.35 0.98 -12.94	36.77 1.00 -10.73	36.31 0.95 -10.87	37.23 0.93 -12.94	37.23 1.31 -1.47	48.75 1.98 -1.80	57.08 2.27 -10.24	55.59 2.70 0.00	53.97 2.67 0.00	51.04 2.52 0.00	49.44 2.53 0.00	48.68 2.40 -2.58	44.69 2.36 -0.07	44.09 2.02 -6.05	43.86 2.17 -2.22	45.32 1.94 -7.37	48.60 2.11 -6.61	54.45 2.31 -9.35	57.75 2.67 -5.63	52.45 2.69 0.00	43.38 2.10 0.00	40.07 1.69 0.00	36.86 1.42 0.00
AUBURN___LFGE 323710	29.69 0.11 -1.16	25.97 0.10 -1.44	26.28 0.05 -1.19	25.74 0.05 -1.21	24.91 0.12 -1.44	34.82 0.21 -0.16	45.36 0.18 -0.20	46.06 0.04 -1.45	53.84 0.11 -0.85	52.14 -0.05 -0.89	48.94 -0.05 -0.47	47.05 -0.09 -0.24	44.83 -0.17 -1.31	43.07 -0.08 -0.89	37.22 -0.07 -1.27	40.82 -0.04 -1.38	37.53 -0.07 -1.59	40.87 -0.04 -1.03	43.91 0.09 -1.04	50.22 0.15 -0.63	49.82 0.05 0.00	41.36 0.08 0.00	38.54 0.15 0.00	35.58 0.14 0.00
BABYLON_RES_REC 323704	40.29 2.27 -9.61	38.27 1.96 -11.88	36.74 1.85 -9.84	36.15 1.69 -9.97	37.05 1.82 -11.88	38.38 2.58 -1.35	50.77 4.14 -1.66	58.25 4.28 -9.40	57.87 4.97 -0.01	56.09 4.77 -0.01	52.90 4.37 -0.01	51.32 4.41 -0.01	50.36 4.28 -2.38	51.22 4.18 -4.78	45.15 3.57 -5.56	45.75 4.03 -2.25	46.35 3.57 -6.78	49.90 3.95 -6.08	55.75 4.37 -8.59	59.81 5.19 -5.18	54.90 5.13 -0.01	45.54 4.25 -0.01	42.00 3.61 -0.01	38.53 3.08 -0.01
BABYLON___69_KV_BK2 356345	40.60 2.59 -9.61	38.52 2.20 -11.88	36.99 2.10 -9.84	36.37 1.91 -9.97	37.28 2.05 -11.88	38.73 2.93 -1.35	51.31 4.68 -1.66	58.70 4.72 -9.40	58.45 5.55 -0.01	56.65 5.34 -0.01	53.48 4.95 -0.01	51.93 5.02 -0.01	50.92 4.85 -2.38	51.63 4.69 -4.69	45.55 3.96 -5.56	46.26 4.54 -2.24	46.78 4.00 -6.78	50.34 4.39 -6.08	56.30 4.92 -8.59	60.41 5.79 -5.18	55.45 5.67 -0.01	46.07 4.79 -0.01	42.54 4.15 -0.01	38.92 3.47 -0.01
BALL_HILL_WT_PWR 323825	27.82 -2.19 -1.60	24.56 -1.86 -1.98	24.63 -2.05 -1.64	24.12 -2.03 -1.66	23.65 -1.68 -1.98	31.92 -2.76 -0.23	41.29 -3.96 -0.27	40.71 -4.32 -0.47	43.38 -5.34 4.17	41.70 -5.23 4.37	41.46 -4.75 2.30	41.16 -4.55 1.19	34.78 -4.37 4.54	33.80 -4.10 4.35	30.77 -3.49 1.76	30.40 -3.91 5.16	30.71 -3.42 1.88	36.11 -3.79 -0.03	40.45 -3.77 -1.43	46.00 -4.30 -0.86	45.88 -3.88 0.00	39.04 -2.23 0.00	36.81 -1.58 0.00	34.23 -1.21 0.00
BARON_WINDS___WT_PWR 323822	28.69 -1.88 -2.16	25.50 -1.61 -2.67	25.50 -1.75 -2.22	25.09 -1.64 -2.25	24.65 -1.38 -2.67	32.69 -2.07 -0.30	42.47 -2.88 -0.37	41.61 -2.81 0.15	20.70 -3.44 28.75	17.74 -3.44 30.12	29.25 -3.35 15.92	35.31 -3.28 8.31	8.42 -3.15 32.13	9.18 -3.04 30.04	19.29 -2.59 14.14	0.35 -2.84 36.29	17.41 -2.77 15.82	34.71 -2.99 2.17	41.85 -2.87 -1.93	47.50 -3.11 -1.16	46.83 -2.94 0.00	39.42 -1.86 0.00	37.00 -1.38 0.00	34.34 -1.10 0.00
BARRETT_IC_1 23704	40.09 2.07 -9.60	38.12 1.81 -11.88	36.61 1.73 -9.84	36.05 1.59 -9.97	36.91 1.68 -11.88	38.17 2.38 -1.35	50.32 3.69 -1.66	57.81 3.83 -9.40	57.45 4.55 -0.01	55.73 4.41 -0.01	52.55 4.02 -0.01	50.95 4.03 -0.01	49.96 3.89 -2.38	50.40 3.72 -4.42	45.01 3.42 -5.56	45.30 3.59 -2.23	46.13 3.35 -6.78	49.58 3.63 -6.08	55.19 3.81 -8.59	59.02 4.40 -5.18	54.30 4.53 -0.01	45.04 3.76 -0.01	41.54 3.15 -0.01	38.18 2.73 -0.01
BARRETT_IC_10 23701	40.09 2.07 -9.60	38.12 1.81 -11.88	36.61 1.73 -9.84	36.05 1.59 -9.97	36.91 1.68 -11.88	38.17 2.38 -1.35	50.32 3.69 -1.66	57.81 3.83 -9.40	57.45 4.55 -0.01	55.73 4.41 -0.01	52.55 4.02 -0.01	50.95 4.03 -0.01	49.96 3.89 -2.38	50.40 3.72 -4.42	45.01 3.42 -5.56	45.30 3.59 -2.23	46.13 3.35 -6.78	49.58 3.63 -6.08	55.19 3.81 -8.59	59.02 4.40 -5.18	54.30 4.53 -0.01	45.04 3.76 -0.01	41.54 3.15 -0.01	38.18 2.73 -0.01
BARRETT_IC_11 23702	40.09 2.07 -9.60	38.12 1.81 -11.88	36.61 1.73 -9.84	36.05 1.59 -9.97	36.91 1.68 -11.88	38.17 2.38 -1.35	50.32 3.69 -1.66	57.81 3.83 -9.40	57.45 4.55 -0.01	55.73 4.41 -0.01	52.55 4.02 -0.01	50.95 4.03 -0.01	49.96 3.89 -2.38	50.40 3.72 -4.42	45.01 3.42 -5.56	45.30 3.59 -2.23	46.13 3.35 -6.78	49.58 3.63 -6.08	55.19 3.81 -8.59	59.02 4.40 -5.18	54.30 4.53 -0.01	45.04 3.76 -0.01	41.54 3.15 -0.01	38.18 2.73 -0.01
BARRETT_IC_12 23703	40.09 2.07 -9.60	38.12 1.81 -11.88	36.61 1.73 -9.84	36.05 1.59 -9.97	36.91 1.68 -11.88	38.17 2.38 -1.35	50.32 3.69 -1.66	57.81 3.83 -9.40	57.45 4.55 -0.01	55.73 4.41 -0.01	52.55 4.02 -0.01	50.95 4.03 -0.01	49.96 3.89 -2.38	50.40 3.72 -4.42	45.01 3.42 -5.56	45.30 3.59 -2.23	46.13 3.35 -6.78	49.58 3.63 -6.08	55.19 3.81 -8.59	59.02 4.40 -5.18	54.30 4.53 -0.01	45.04 3.76 -0.01	41.54 3.15 -0.01	38.18 2.73 -0.01
BARRETT_IC_2 23705	40.09 2.07 -9.60	38.12 1.81 -11.88	36.61 1.73 -9.84	36.05 1.59 -9.97	36.91 1.68 -11.88	38.17 2.38 -1.35	50.32 3.69 -1.66	57.81 3.83 -9.40	57.45 4.55 -0.01	55.73 4.41 -0.01	52.55 4.02 -0.01	50.95 4.03 -0.01	49.96 3.89 -2.38	50.40 3.72 -4.42	45.01 3.42 -5.56	45.30 3.59 -2.23	46.13 3.35 -6.78	49.58 3.63 -6.08	55.19 3.81 -8.59	59.02 4.40 -5.18	54.30 4.53 -0.01	45.04 3.76 -0.01	41.54 3.15 -0.01	38.18 2.73 -0.01
BARRETT_IC_3 23706	40.09 2.07 -9.60	38.12 1.81 -11.88	36.61 1.73 -9.84	36.05 1.59 -9.97	36.91 1.68 -11.88	38.17 2.38 -1.35	50.32 3.69 -1.66	57.81 3.83 -9.40	57.45 4.55 -0.01	55.73 4.41 -0.01	52.55 4.02 -0.01	50.95 4.03 -0.01	49.96 3.89 -2.38	50.40 3.72 -4.42	45.01 3.42 -5.56	45.30 3.59 -2.23	46.13 3.35 -6.78	49.58 3.63 -6.08	55.19 3.81 -8.59	59.02 4.40 -5.18	54.30 4.53 -0.01	45.04 3.76 -0.01	41.54 3.15 -0.01	38.18 2.73 -0.01
BARRETT_IC_4 23707	40.09 2.07 -9.60	38.12 1.81 -11.88	36.61 1.73 -9.84	36.05 1.59 -9.97	36.91 1.68 -11.88	38.17 2.38 -1.35	50.32 3.69 -1.66	57.81 3.83 -9.40	57.45 4.55 -0.01	55.73 4.41 -0.01	52.55 4.02 -0.01	50.95 4.03 -0.01	49.96 3.89 -2.38	50.40 3.72 -4.42	45.01 3.42 -5.56	45.30 3.59 -2.23	46.13 3.35 -6.78	49.58 3.63 -6.08	55.19 3.81 -8.59	59.02 4.40 -5.18	54.30 4.53 -0.01	45.04 3.76 -0.01	41.54 3.15 -0.01	38.18 2.73 -0.01

BARRETT_IC_5 23708	40.09 2.07 -9.60	38.12 1.81 -11.88	36.61 1.73 -9.84	36.05 1.59 -9.97	36.91 1.68 -11.88	38.17 2.38 -1.35	50.32 3.69 -1.66	57.81 3.83 -9.40	57.45 4.55 -0.01	55.73 4.41 -0.01	52.55 4.02 -0.01	50.95 4.03 -0.01	49.96 3.89 -2.38	50.40 3.72 -4.42	45.01 3.42 -5.56	45.30 3.59 -2.23	46.13 3.35 -6.78	49.58 3.63 -6.08	55.19 3.81 -8.59	59.02 4.40 -5.18	54.30 4.53 -0.01	45.04 3.76 -0.01	41.54 3.15 -0.01	38.18 2.73 -0.01
BARRETT_IC_6 23709	40.09 2.07 -9.60	38.12 1.81 -11.88	36.61 1.73 -9.84	36.05 1.59 -9.97	36.91 1.68 -11.88	38.17 2.38 -1.35	50.32 3.69 -1.66	57.81 3.83 -9.40	57.45 4.55 -0.01	55.73 4.41 -0.01	52.55 4.02 -0.01	50.95 4.03 -0.01	49.96 3.89 -2.38	50.40 3.72 -4.42	45.01 3.42 -5.56	45.30 3.59 -2.23	46.13 3.35 -6.78	49.58 3.63 -6.08	55.19 3.81 -8.59	59.02 4.40 -5.18	54.30 4.53 -0.01	45.04 3.76 -0.01	41.54 3.15 -0.01	38.18 2.73 -0.01
BARRETT_IC_7 23710	40.09 2.07 -9.60	38.12 1.81 -11.88	36.61 1.73 -9.84	36.05 1.59 -9.97	36.91 1.68 -11.88	38.18 2.38 -1.35	50.32 3.69 -1.66	57.80 3.83 -9.40	57.45 4.55 -0.01	55.72 4.41 -0.01	52.55 4.03 -0.01	50.95 4.03 -0.01	49.96 3.89 -2.38	50.40 3.72 -4.42	45.00 3.42 -5.56	45.34 3.63 -2.23	46.13 3.35 -6.78	49.54 3.59 -6.08	55.19 3.81 -8.59	59.02 4.40 -5.18	54.30 4.53 -0.01	45.08 3.80 -0.01	41.54 3.15 -0.01	38.14 2.69 -0.01
BARRETT_IC_8 23711	40.09 2.07 -9.60	38.12 1.81 -11.88	36.61 1.73 -9.84	36.05 1.59 -9.97	36.91 1.68 -11.88	38.17 2.38 -1.35	50.32 3.69 -1.66	57.81 3.83 -9.40	57.45 4.55 -0.01	55.73 4.41 -0.01	52.55 4.02 -0.01	50.95 4.03 -0.01	49.96 3.89 -2.38	50.40 3.72 -4.42	45.01 3.42 -5.56	45.30 3.59 -2.23	46.13 3.35 -6.78	49.58 3.63 -6.08	55.19 3.81 -8.59	59.02 4.40 -5.18	54.30 4.53 -0.01	45.04 3.76 -0.01	41.54 3.15 -0.01	38.18 2.73 -0.01
BARRETT_IC_9 23700	40.09 2.07 -9.60	38.12 1.81 -11.88	36.61 1.73 -9.84	36.05 1.59 -9.97	36.91 1.68 -11.88	38.17 2.38 -1.35	50.32 3.69 -1.66	57.81 3.83 -9.40	57.45 4.55 -0.01	55.73 4.41 -0.01	52.55 4.02 -0.01	50.95 4.03 -0.01	49.96 3.89 -2.38	50.40 3.72 -4.42	45.01 3.42 -5.56	45.30 3.59 -2.23	46.13 3.35 -6.78	49.58 3.63 -6.08	55.19 3.81 -8.59	59.02 4.40 -5.18	54.30 4.53 -0.01	45.04 3.76 -0.01	41.54 3.15 -0.01	38.18 2.73 -0.01
BARRETT___1 23545	40.09 2.07 -9.60	38.12 1.81 -11.88	36.61 1.73 -9.84	36.05 1.59 -9.97	36.91 1.68 -11.88	38.17 2.38 -1.35	50.32 3.69 -1.66	57.81 3.83 -9.40	57.45 4.55 -0.01	55.73 4.41 -0.01	52.55 4.02 -0.01	50.95 4.03 -0.01	49.96 3.89 -2.38	50.40 3.72 -4.42	45.01 3.42 -5.56	45.30 3.59 -2.23	46.13 3.35 -6.78	49.58 3.63 -6.08	55.19 3.81 -8.59	59.02 4.40 -5.18	54.30 4.53 -0.01	45.04 3.76 -0.01	41.54 3.15 -0.01	38.18 2.73 -0.01
BARRETT___2 23546	40.09 2.07 -9.60	38.12 1.81 -11.88	36.61 1.73 -9.84	36.05 1.59 -9.97	36.91 1.68 -11.88	38.17 2.38 -1.35	50.32 3.69 -1.66	57.81 3.83 -9.40	57.45 4.55 -0.01	55.73 4.41 -0.01	52.55 4.02 -0.01	50.95 4.03 -0.01	49.96 3.89 -2.38	50.40 3.72 -4.42	45.01 3.42 -5.56	45.30 3.59 -2.23	46.13 3.35 -6.78	49.58 3.63 -6.08	55.19 3.81 -8.59	59.02 4.40 -5.18	54.30 4.53 -0.01	45.04 3.76 -0.01	41.54 3.15 -0.01	38.18 2.73 -0.01
BATAVIA__115KV_TB1 55881	28.55 -1.14 -1.28	25.14 -0.88 -1.58	25.35 -1.00 -1.31	24.79 -1.03 -1.33	24.14 -0.79 -1.59	33.25 -1.38 -0.18	42.86 -2.34 -0.22	42.59 -2.45 -0.47	45.55 -3.12 4.22	43.55 -3.33 4.42	43.28 -2.91 2.33	42.78 -2.91 1.21	36.09 -3.01 4.59	35.32 -2.54 4.40	31.93 -2.31 1.79	31.57 -2.68 5.22	31.64 -2.45 1.92	37.34 -2.55 -0.02	41.58 -2.35 -1.15	47.71 -2.42 -0.69	47.23 -2.54 0.00	39.75 -1.53 0.00	37.42 -0.96 0.00	34.45 -0.99 0.00
BAYONEEC___CTG1 323682	39.82 1.82 -9.59	37.85 1.54 -11.87	36.43 1.55 -9.84	35.95 1.49 -9.97	36.67 1.45 -11.87	37.83 2.03 -1.35	49.91 3.28 -1.65	57.75 3.79 -9.39	57.44 4.55 0.00	55.76 4.46 0.00	52.79 4.27 0.00	51.22 4.31 0.00	50.22 4.15 -2.37	46.38 4.06 -0.07	45.10 3.53 -5.55	45.26 3.75 -2.04	46.15 3.38 -6.77	49.65 3.71 -6.07	55.35 3.98 -8.58	59.26 4.65 -5.17	54.40 4.63 0.00	44.91 3.63 0.00	41.26 2.88 0.00	37.74 2.30 0.00
BAYONEEC___CTG10 323750	39.82 1.82 -9.59	37.85 1.54 -11.87	36.43 1.55 -9.84	35.95 1.49 -9.97	36.67 1.45 -11.87	37.83 2.03 -1.35	49.91 3.28 -1.65	57.75 3.79 -9.39	57.44 4.55 0.00	55.76 4.46 0.00	52.79 4.27 0.00	51.22 4.31 0.00	50.22 4.15 -2.37	46.38 4.06 -0.07	45.10 3.53 -5.55	45.26 3.75 -2.04	46.15 3.38 -6.77	49.65 3.71 -6.07	55.35 3.98 -8.58	59.26 4.65 -5.17	54.40 4.63 0.00	44.91 3.63 0.00	41.26 2.88 0.00	37.74 2.30 0.00
BAYONEEC___CTG2 323683	39.82 1.82 -9.59	37.85 1.54 -11.87	36.43 1.55 -9.84	35.95 1.49 -9.97	36.67 1.45 -11.87	37.83 2.03 -1.35	49.91 3.28 -1.65	57.75 3.79 -9.39	57.44 4.55 0.00	55.76 4.46 0.00	52.79 4.27 0.00	51.22 4.31 0.00	50.22 4.15 -2.37	46.38 4.06 -0.07	45.10 3.53 -5.55	45.26 3.75 -2.04	46.15 3.38 -6.77	49.65 3.71 -6.07	55.35 3.98 -8.58	59.26 4.65 -5.17	54.40 4.63 0.00	44.91 3.63 0.00	41.26 2.88 0.00	37.74 2.30 0.00
BAYONEEC___CTG3 323684	39.82 1.82 -9.59	37.85 1.54 -11.87	36.43 1.55 -9.84	35.95 1.49 -9.97	36.67 1.45 -11.87	37.83 2.03 -1.35	49.91 3.28 -1.65	57.75 3.79 -9.39	57.44 4.55 0.00	55.76 4.46 0.00	52.79 4.27 0.00	51.22 4.31 0.00	50.22 4.15 -2.37	46.38 4.06 -0.07	45.10 3.53 -5.55	45.26 3.75 -2.04	46.15 3.38 -6.77	49.65 3.71 -6.07	55.35 3.98 -8.58	59.26 4.65 -5.17	54.40 4.63 0.00	44.91 3.63 0.00	41.26 2.88 0.00	37.74 2.30 0.00
BAYONEEC___CTG4 323685	39.82 1.82 -9.59	37.85 1.54 -11.87	36.43 1.55 -9.84	35.95 1.49 -9.97	36.67 1.45 -11.87	37.83 2.03 -1.35	49.91 3.28 -1.65	57.75 3.79 -9.39	57.44 4.55 0.00	55.76 4.46 0.00	52.79 4.27 0.00	51.22 4.31 0.00	50.22 4.15 -2.37	46.38 4.06 -0.07	45.10 3.53 -5.55	45.26 3.75 -2.04	46.15 3.38 -6.77	49.65 3.71 -6.07	55.35 3.98 -8.58	59.26 4.65 -5.17	54.40 4.63 0.00	44.91 3.63 0.00	41.26 2.88 0.00	37.74 2.30 0.00
BAYONEEC___CTG5 323686	39.82 1.82 -9.59	37.85 1.54 -11.87	36.43 1.55 -9.84	35.95 1.49 -9.97	36.67 1.45 -11.87	37.83 2.03 -1.35	49.91 3.28 -1.65	57.75 3.79 -9.39	57.44 4.55 0.00	55.76 4.46 0.00	52.79 4.27 0.00	51.22 4.31 0.00	50.22 4.15 -2.37	46.38 4.06 -0.07	45.10 3.53 -5.55	45.26 3.75 -2.04	46.15 3.38 -6.77	49.65 3.71 -6.07	55.35 3.98 -8.58	59.26 4.65 -5.17	54.40 4.63 0.00	44.91 3.63 0.00	41.26 2.88 0.00	37.74 2.30 0.00
BAYONEEC___CTG6 323687	39.82 1.82 -9.59	37.85 1.54 -11.87	36.43 1.55 -9.84	35.95 1.49 -9.97	36.67 1.45 -11.87	37.83 2.03 -1.35	49.91 3.28 -1.65	57.75 3.79 -9.39	57.44 4.55 0.00	55.76 4.46 0.00	52.79 4.27 0.00	51.22 4.31 0.00	50.22 4.15 -2.37	46.38 4.06 -0.07	45.10 3.53 -5.55	45.26 3.75 -2.04	46.15 3.38 -6.77	49.65 3.71 -6.07	55.35 3.98 -8.58	59.26 4.65 -5.17	54.40 4.63 0.00	44.91 3.63 0.00	41.26 2.88 0.00	37.74 2.30 0.00

BAYONEEC___CTG7 323688	39.82 1.82 -9.59	37.85 1.54 -11.87	36.43 1.55 -9.84	35.95 1.49 -9.97	36.67 1.45 -11.87	37.83 2.03 -1.35	49.91 3.28 -1.65	57.75 3.79 -9.39	57.44 4.55 0.00	55.76 4.46 0.00	52.79 4.27 0.00	51.22 4.31 0.00	50.22 4.15 -2.37	46.38 4.06 -0.07	45.10 3.53 -5.55	45.26 3.75 -2.04	46.15 3.38 -6.77	49.65 3.71 -6.07	55.35 3.98 -8.58	59.26 4.65 -5.17	54.40 4.63 0.00	44.91 3.63 0.00	41.26 2.88 0.00	37.74 2.30 0.00
BAYONEEC___CTG8 323689	39.82 1.82 -9.59	37.85 1.54 -11.87	36.43 1.55 -9.84	35.95 1.49 -9.97	36.67 1.45 -11.87	37.83 2.03 -1.35	49.91 3.28 -1.65	57.75 3.79 -9.39	57.44 4.55 0.00	55.76 4.46 0.00	52.79 4.27 0.00	51.22 4.31 0.00	50.22 4.15 -2.37	46.38 4.06 -0.07	45.10 3.53 -5.55	45.26 3.75 -2.04	46.15 3.38 -6.77	49.65 3.71 -6.07	55.35 3.98 -8.58	59.26 4.65 -5.17	54.40 4.63 0.00	44.91 3.63 0.00	41.26 2.88 0.00	37.74 2.30 0.00
BAYONEEC___CTG9 323749	39.82 1.82 -9.59	37.85 1.54 -11.87	36.43 1.55 -9.84	35.95 1.49 -9.97	36.67 1.45 -11.87	37.83 2.03 -1.35	49.91 3.28 -1.65	57.75 3.79 -9.39	57.44 4.55 0.00	55.76 4.46 0.00	52.79 4.27 0.00	51.22 4.31 0.00	50.22 4.15 -2.37	46.38 4.06 -0.07	45.10 3.53 -5.55	45.26 3.75 -2.04	46.15 3.38 -6.77	49.65 3.71 -6.07	55.35 3.98 -8.58	59.26 4.65 -5.17	54.40 4.63 0.00	44.91 3.63 0.00	41.26 2.88 0.00	37.74 2.30 0.00
BEACON___LESR 323632	41.27 1.11 -11.75	39.93 0.95 -14.54	38.07 0.98 -12.06	37.66 0.95 -12.21	38.83 0.93 -14.55	37.55 1.45 -1.65	48.84 1.84 -2.02	58.21 2.14 -11.50	55.54 2.64 0.00	53.92 2.62 0.00	50.94 2.42 0.00	49.30 2.39 0.00	48.74 2.14 -2.90	44.45 2.11 -0.08	44.58 1.76 -6.79	43.86 1.89 -2.49	46.02 1.73 -8.29	49.26 1.95 -7.43	55.40 2.10 -10.51	58.15 2.37 -6.33	52.20 2.44 0.00	43.17 1.90 0.00	39.92 1.54 0.00	36.89 1.45 0.00
BEAVER RIVER___HYD 24048	28.25 -0.48 -0.33	24.40 -0.44 -0.40	24.95 -0.43 -0.33	24.43 -0.39 -0.34	23.33 -0.42 -0.40	34.05 -0.45 -0.05	44.41 -0.63 -0.06	44.20 -0.67 -0.30	51.99 -0.90 0.00	50.13 -1.18 0.00	47.31 -1.21 0.00	45.45 -1.45 0.00	42.41 -1.35 -0.08	40.87 -1.39 0.00	34.87 -1.33 -0.18	38.12 -1.42 -0.07	35.12 -1.12 -0.23	38.92 -1.16 -0.21	42.14 -0.94 -0.29	48.43 -1.19 -0.18	48.77 -0.99 0.00	40.49 -0.79 0.00	37.62 -0.77 0.00	34.69 -0.75 0.00
BEEBEE_GT_13 23619	28.73 -0.77 -1.09	25.17 -0.61 -1.34	25.45 -0.70 -1.11	24.91 -0.71 -1.13	24.13 -0.56 -1.34	33.67 -0.93 -0.15	43.55 -1.62 -0.19	43.30 -1.78 -0.51	48.02 -2.27 2.59	46.28 -2.31 2.72	45.10 -1.99 1.43	44.14 -2.02 0.74	38.83 -2.10 2.77	37.86 -1.69 2.71	33.51 -1.55 0.97	34.53 -1.78 3.16	33.39 -1.62 1.00	38.32 -1.71 -0.16	42.18 -1.58 -0.97	48.35 -1.68 -0.58	47.98 -1.79 0.00	39.99 -1.28 0.00	37.50 -0.88 0.00	34.55 -0.89 0.00
BENSHRST_27_KV_BENSHRST_1 355998	54.64 2.30 -23.93	53.95 1.91 -27.61	53.96 1.95 -26.96	36.34 1.89 -9.97	37.02 1.80 -11.88	38.31 2.51 -1.35	54.14 3.96 -5.20	58.43 4.46 -9.40	59.26 5.39 -0.98	59.46 5.39 -2.77	58.89 5.09 -5.27	57.71 5.16 -5.65	58.78 4.89 -10.19	56.35 4.78 -9.32	58.15 4.14 -17.99	56.34 4.42 -12.44	58.25 4.00 -18.24	89.29 4.39 -45.03	58.77 4.66 -11.32	97.27 5.44 -42.39	97.26 5.42 -42.07	58.75 4.33 -13.14	55.77 3.53 -13.86	54.72 2.91 -16.37
BETHLEHEM___GRP 23843	40.82 0.65 -11.75	39.56 0.59 -14.54	37.70 0.60 -12.06	37.29 0.59 -12.22	38.48 0.58 -14.55	37.00 0.90 -1.66	48.08 1.08 -2.02	57.45 1.38 -11.50	54.53 1.64 0.00	52.95 1.64 0.00	50.02 1.50 0.00	48.45 1.55 0.00	48.00 1.40 -2.90	43.77 1.44 -0.08	44.01 1.19 -6.80	43.19 1.22 -2.49	45.41 1.12 -8.29	48.58 1.28 -7.43	54.63 1.33 -10.51	57.31 1.53 -6.33	51.31 1.54 0.00	42.51 1.24 0.00	39.31 0.92 0.00	36.43 0.99 0.00
BETHLEHEM___GS1 323560	40.82 0.65 -11.75	39.56 0.59 -14.54	37.70 0.60 -12.06	37.29 0.59 -12.22	38.48 0.58 -14.55	37.00 0.89 -1.66	48.07 1.08 -2.02	57.46 1.38 -11.50	54.53 1.64 0.00	52.94 1.64 0.00	50.02 1.51 0.00	48.45 1.55 0.00	48.00 1.40 -2.90	43.73 1.39 -0.08	44.01 1.19 -6.80	43.23 1.26 -2.49	45.41 1.12 -8.29	48.58 1.28 -7.43	54.63 1.33 -10.51	57.31 1.53 -6.33	51.36 1.59 0.00	42.47 1.20 0.00	39.30 0.92 0.00	36.47 1.03 0.00
BETHLEHEM___GS2 323561	40.82 0.65 -11.75	39.56 0.59 -14.54	37.70 0.60 -12.06	37.29 0.59 -12.22	38.48 0.58 -14.55	37.00 0.89 -1.66	48.07 1.08 -2.02	57.46 1.38 -11.50	54.53 1.64 0.00	52.94 1.64 0.00	50.02 1.51 0.00	48.45 1.55 0.00	48.00 1.40 -2.90	43.73 1.39 -0.08	44.01 1.19 -6.80	43.23 1.26 -2.49	45.41 1.12 -8.29	48.58 1.28 -7.43	54.63 1.33 -10.51	57.31 1.53 -6.33	51.36 1.59 0.00	42.47 1.20 0.00	39.30 0.92 0.00	36.47 1.03 0.00
BETHLEHEM___GS3 323562	40.82 0.65 -11.75	39.56 0.59 -14.54	37.70 0.60 -12.06	37.29 0.59 -12.22	38.48 0.58 -14.55	37.00 0.89 -1.66	48.07 1.08 -2.02	57.46 1.38 -11.50	54.53 1.64 0.00	52.94 1.64 0.00	50.02 1.51 0.00	48.45 1.55 0.00	48.00 1.40 -2.90	43.73 1.39 -0.08	44.01 1.19 -6.80	43.23 1.26 -2.49	45.41 1.12 -8.29	48.58 1.28 -7.43	54.63 1.33 -10.51	57.31 1.53 -6.33	51.36 1.59 0.00	42.47 1.20 0.00	39.30 0.92 0.00	36.47 1.03 0.00
BETHLEHEM___STEEL 23779	27.82 -2.10 -1.51	24.52 -1.78 -1.87	24.61 -1.98 -1.55	24.08 -1.98 -1.57	23.61 -1.61 -1.87	31.97 -2.69 -0.21	41.15 -4.09 -0.26	40.80 -4.23 -0.46	43.38 -5.08 4.44	41.63 -5.03 4.65	41.51 -4.56 2.45	41.27 -4.36 1.27	34.66 -4.19 4.84	33.82 -3.80 4.63	30.81 -3.31 1.90	30.26 -3.71 5.50	30.55 -3.42 2.04	36.01 -3.87 0.00	40.25 -3.89 -1.35	45.76 -4.50 -0.81	45.14 -4.63 0.00	38.72 -2.56 0.00	36.50 -1.88 0.00	33.88 -1.56 0.00
BETHLHEM_115KV_TB1 79974	40.86 0.71 -11.74	39.60 0.64 -14.52	37.73 0.65 -12.04	37.33 0.64 -12.20	38.51 0.63 -14.53	37.03 0.93 -1.65	48.21 1.21 -2.02	57.53 1.47 -11.49	54.64 1.75 0.00	53.05 1.74 0.00	50.17 1.65 0.00	48.55 1.64 0.00	48.12 1.53 -2.90	43.86 1.52 -0.08	44.07 1.26 -6.79	43.27 1.30 -2.49	45.47 1.19 -8.28	48.65 1.36 -7.42	54.74 1.45 -10.50	57.40 1.63 -6.32	51.46 1.69 0.00	42.59 1.32 0.00	39.38 1.00 0.00	36.47 1.03 0.00
BETHPAGE_CC_5 323564	40.29 2.27 -9.61	38.25 1.93 -11.88	36.74 1.85 -9.84	36.17 1.71 -9.97	37.02 1.80 -11.88	38.35 2.55 -1.35	50.64 4.00 -1.66	58.16 4.19 -9.40	57.82 4.92 -0.01	56.09 4.77 -0.01	52.94 4.41 -0.01	51.37 4.46 -0.01	50.40 4.33 -2.38	51.50 4.18 -5.06	45.19 3.60 -5.56	45.72 3.99 -2.26	46.35 3.57 -6.78	49.90 3.95 -6.08	55.66 4.28 -8.59	59.67 5.05 -5.18	54.75 4.98 -0.01	45.41 4.13 -0.01	41.92 3.53 -0.01	38.46 3.01 -0.01
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	27.73 -2.22 -1.54	24.48 -1.86 -1.90	24.57 -2.05 -1.58	24.01 -2.08 -1.60	23.57 -1.68 -1.90	31.88 -2.79 -0.22	41.06 -4.18 -0.26	40.66 -4.37 -0.46	43.39 -5.18 4.32	41.70 -5.08 4.52	41.52 -4.61 2.39	41.21 -4.46 1.24	34.79 -4.19 4.71	33.86 -3.89 4.51	30.80 -3.39 1.84	30.33 -3.79 5.35	30.54 -3.49 1.97	35.94 -3.95 -0.01	40.14 -4.02 -1.38	45.63 -4.65 -0.83	45.04 -4.73 0.00	38.72 -2.56 0.00	36.50 -1.88 0.00	33.91 -1.52 0.00

BINGHAMTON___COGEN 23790	31.34 -0.09 -3.02	28.10 -0.07 -3.74	28.01 -0.13 -3.10	27.50 -0.12 -3.14	27.06 -0.02 -3.74	34.81 -0.07 -0.43	45.36 -0.13 -0.52	47.51 -0.04 -2.98	53.60 0.00 -0.71	52.00 -0.05 -0.75	48.87 -0.05 -0.40	47.02 -0.09 -0.21	45.15 -0.09 -1.55	42.98 -0.04 -0.77	38.06 -0.07 -2.11	40.94 -0.08 -1.54	37.31 -0.14 -1.45	41.23 -0.20 -1.55	45.40 -0.09 -2.70	50.97 -0.10 -1.63	49.62 -0.15 0.00	41.40 0.12 0.00	38.54 0.15 0.00	35.58 0.14 0.00
BIXINCNT_115KV_LOAD 355685	26.72 -3.35 -1.67	23.64 -2.86 -2.06	23.69 -3.05 -1.71	23.16 -3.06 -1.73	22.77 -2.64 -2.06	30.69 -4.00 -0.23	39.51 -5.76 -0.29	39.07 -5.93 -0.43	42.55 -6.77 3.57	40.99 -6.57 3.74	40.48 -6.06 1.97	40.16 -5.72 1.02	34.39 -5.42 3.88	33.29 -5.24 3.73	29.85 -4.68 1.49	29.77 -5.29 4.42	29.93 -4.75 1.32	34.74 -5.22 -0.09	38.67 -5.61 -1.49	43.87 -6.48 -0.90	43.65 -6.12 0.00	38.05 -3.22 0.00	36.16 -2.23 0.00	33.81 -1.63 0.00
BLACK RIVER___HYD 24047	28.69 -0.17 -0.45	24.83 -0.17 -0.56	25.33 -0.17 -0.47	24.81 -0.15 -0.47	23.72 -0.19 -0.56	34.44 -0.07 -0.06	44.92 -0.13 -0.08	44.74 -0.27 -0.43	52.41 -0.48 0.00	50.43 -0.87 0.00	47.60 -0.92 0.00	45.64 -1.26 0.00	42.63 -1.18 -0.11	41.03 -1.23 0.00	35.05 -1.22 -0.26	38.27 -1.30 -0.09	35.36 -0.97 -0.32	39.16 -1.00 -0.29	42.56 -0.64 -0.41	48.85 -0.84 -0.24	49.17 -0.59 0.00	40.86 -0.41 0.00	37.96 -0.42 0.00	34.98 -0.46 0.00
BLACKRVR_115KV_TB2 79977	28.69 -0.17 -0.45	24.83 -0.17 -0.56	25.33 -0.18 -0.47	24.81 -0.15 -0.47	23.73 -0.19 -0.56	34.44 -0.07 -0.06	44.92 -0.13 -0.08	44.74 -0.27 -0.43	52.42 -0.48 0.00	50.43 -0.87 0.00	47.60 -0.92 0.00	45.64 -1.27 0.00	42.62 -1.18 -0.11	41.03 -1.23 0.00	35.05 -1.22 -0.26	38.27 -1.30 -0.09	35.35 -0.97 -0.32	39.16 -1.00 -0.29	42.55 -0.64 -0.41	48.85 -0.84 -0.24	49.17 -0.60 0.00	40.86 -0.41 0.00	37.96 -0.42 0.00	34.98 -0.46 0.00
BLISS_WT_PWR 323608	26.38 -3.69 -1.67	23.37 -3.13 -2.06	23.39 -3.35 -1.71	22.94 -3.28 -1.73	22.52 -2.90 -2.06	30.34 -4.34 -0.23	39.06 -6.21 -0.29	38.63 -6.37 -0.43	41.81 -7.51 3.57	40.33 -7.23 3.74	40.00 -6.55 1.97	39.74 -6.14 1.02	33.87 -5.94 3.88	32.74 -5.79 3.73	29.52 -5.01 1.49	29.29 -5.76 4.42	29.50 -5.18 1.32	34.34 -5.62 -0.09	38.16 -6.12 -1.49	43.32 -7.02 -0.90	43.89 -5.87 0.00	37.89 -3.38 0.00	35.97 -2.42 0.00	33.67 -1.77 0.00
BLUESTONE___WT_PWR 323821	32.44 0.79 -3.24	29.12 0.68 -4.00	29.04 0.68 -3.32	28.51 0.66 -3.36	28.01 0.65 -4.01	35.94 1.03 -0.46	47.02 1.48 -0.56	50.10 1.69 -3.84	57.52 2.17 -2.46	55.72 1.84 -2.57	51.53 1.65 -1.36	48.92 1.31 -0.70	48.59 1.18 -3.71	45.99 1.14 -2.59	40.28 0.79 -3.47	44.16 0.75 -3.93	40.65 0.90 -3.74	43.42 1.03 -2.52	47.14 1.46 -2.89	52.67 1.48 -1.74	51.46 1.69 0.00	42.84 1.57 0.00	39.84 1.46 0.00	36.68 1.24 0.00
BLUE_CIRC_CHEM_DRP 24182	40.95 0.99 -11.55	39.58 0.86 -14.29	37.77 0.88 -11.85	37.37 0.88 -12.00	38.49 0.84 -14.30	37.32 1.24 -1.63	48.58 1.62 -1.98	57.70 1.83 -11.30	55.11 2.22 0.00	53.51 2.21 0.00	50.56 2.04 0.00	48.92 2.02 0.00	48.34 1.79 -2.85	44.11 1.77 -0.08	44.14 1.44 -6.68	43.42 1.50 -2.45	45.59 1.44 -8.14	48.77 1.59 -7.30	54.87 1.75 -10.33	57.69 2.03 -6.22	51.91 2.14 0.00	43.01 1.73 0.00	39.77 1.38 0.00	36.75 1.31 0.00
BOC_GAS_DRP 24189	40.92 0.85 -11.66	39.62 0.76 -14.42	37.78 0.78 -11.96	37.36 0.76 -12.12	38.50 0.72 -14.43	37.12 1.03 -1.64	48.46 1.48 -2.00	57.72 1.74 -11.41	54.90 2.01 0.00	53.30 2.00 0.00	50.41 1.89 0.00	48.83 1.92 0.00	48.37 1.79 -2.88	44.11 1.77 -0.08	44.28 1.51 -6.74	43.53 1.58 -2.47	45.67 1.44 -8.22	48.84 1.59 -7.37	54.93 1.71 -10.43	57.65 1.93 -6.28	51.76 1.99 0.00	42.84 1.57 0.00	39.61 1.23 0.00	36.54 1.10 0.00
BOONVILLE_115KV_TB1 79983	29.03 0.34 -0.28	25.05 0.27 -0.34	25.58 0.25 -0.29	25.05 0.27 -0.29	23.93 0.23 -0.34	34.97 0.48 -0.04	45.66 0.63 -0.05	45.35 0.53 -0.24	53.53 0.63 0.00	51.71 0.41 0.00	48.86 0.34 0.00	47.05 0.14 0.00	43.89 0.13 -0.06	42.34 0.08 0.00	36.09 -0.07 -0.14	39.53 0.00 -0.05	36.38 0.18 -0.20	40.25 0.20 -0.18	43.47 0.43 -0.25	49.94 0.35 -0.15	50.21 0.45 0.00	41.73 0.45 0.00	38.77 0.38 0.00	35.72 0.28 0.00
BORALEX_4TH_BRANCH 23824	42.01 1.88 -11.73	40.56 1.61 -14.51	38.70 1.63 -12.03	38.29 1.62 -12.19	39.41 1.54 -14.52	38.44 2.34 -1.65	50.28 3.28 -2.01	59.66 3.61 -11.48	57.07 4.18 0.00	55.25 3.95 0.00	52.21 3.69 0.00	50.56 3.66 0.00	50.00 3.41 -2.90	45.68 3.34 -0.08	45.69 2.88 -6.78	44.96 3.00 -2.49	47.01 2.74 -8.27	50.16 2.87 -7.42	56.45 3.17 -10.49	59.47 3.71 -6.32	53.45 3.68 0.00	44.25 2.97 0.00	40.80 2.42 0.00	37.39 1.95 0.00
BOWLINE___1 23526	39.09 1.48 -9.20	37.07 1.25 -11.38	35.73 1.25 -9.44	35.25 1.20 -9.57	35.93 1.19 -11.39	37.40 1.65 -1.30	49.21 2.65 -1.58	56.61 3.03 -9.01	56.54 3.65 0.00	54.95 3.64 0.00	51.91 3.40 0.00	50.38 3.47 0.00	49.29 3.32 -2.27	45.57 3.25 -0.06	44.16 2.81 -5.32	44.39 2.96 -1.95	45.16 2.66 -6.49	48.64 2.95 -5.82	54.23 3.21 -8.23	58.21 3.81 -4.96	53.45 3.68 0.00	44.20 2.93 0.00	40.69 2.30 0.00	37.28 1.84 0.00
BOWLINE___2 23595	39.09 1.48 -9.20	37.07 1.25 -11.39	35.73 1.25 -9.44	35.25 1.20 -9.57	35.93 1.19 -11.39	37.40 1.65 -1.30	49.17 2.61 -1.58	56.61 3.03 -9.01	56.54 3.65 0.00	54.95 3.64 0.00	51.91 3.40 0.00	50.33 3.42 0.00	49.29 3.32 -2.27	45.57 3.25 -0.06	44.16 2.81 -5.32	44.39 2.96 -1.95	45.16 2.66 -6.49	48.64 2.95 -5.82	54.23 3.21 -8.23	58.21 3.81 -4.96	53.45 3.68 0.00	44.20 2.93 0.00	40.69 2.30 0.00	37.32 1.88 0.00
BRADY___115KV_TB2 356060	28.21 -0.20 0.00	24.27 -0.17 0.00	24.94 -0.10 0.00	24.41 -0.07 0.00	23.14 -0.21 0.00	34.28 -0.17 0.00	44.66 -0.31 0.00	44.30 -0.27 0.00	52.52 -0.37 0.00	50.74 -0.56 0.00	47.89 -0.63 0.00	46.20 -0.70 0.00	43.08 -0.61 0.00	41.50 -0.76 0.00	35.38 -0.65 0.00	38.80 -0.67 0.00	35.43 -0.58 0.00	39.31 -0.56 0.00	42.23 -0.56 0.00	48.75 -0.69 0.00	49.32 -0.45 0.00	40.86 -0.41 0.00	38.15 -0.23 0.00	35.30 -0.14 0.00
BRANSCOMB___SOLAR 323811	42.33 1.82 -12.10	40.95 1.54 -14.97	39.03 1.58 -12.41	38.61 1.54 -12.58	39.85 1.52 -14.98	38.46 2.31 -1.70	50.20 3.15 -2.08	59.80 3.39 -11.84	57.07 4.18 0.00	55.36 4.05 0.00	52.26 3.74 0.00	50.47 3.56 0.00	49.87 3.19 -2.99	45.38 3.04 -0.08	45.58 2.56 -7.00	44.73 2.69 -2.57	47.17 2.63 -8.53	50.48 2.95 -7.65	56.86 3.25 -10.82	59.72 3.76 -6.52	53.60 3.83 0.00	44.29 3.01 0.00	40.88 2.49 0.00	37.49 2.05 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	40.51 2.50 -9.60	38.44 2.13 -11.88	36.89 2.00 -9.84	36.30 1.84 -9.97	37.21 1.98 -11.88	38.62 2.82 -1.35	51.18 4.54 -1.66	58.52 4.55 -9.40	58.24 5.34 -0.01	56.44 5.13 -0.01	53.28 4.75 -0.01	51.75 4.83 -0.01	50.75 4.68 -2.38	51.25 4.56 -4.43	45.36 3.78 -5.56	46.05 4.34 -2.23	46.60 3.82 -6.78	50.14 4.19 -6.08	56.09 4.71 -8.59	60.11 5.49 -5.18	55.20 5.42 -0.01	45.95 4.66 -0.01	42.42 4.03 -0.01	38.81 3.37 -0.01

BRISTLHL_115KV_TB1 79998	28.89 -0.23 -0.71	25.10 -0.22 -0.88	25.52 -0.25 -0.73	24.98 -0.24 -0.74	24.04 -0.19 -0.88	34.27 -0.28 -0.10	44.65 -0.45 -0.12	44.55 -0.71 -0.69	51.99 -0.90 0.00	50.43 -0.87 0.00	47.69 -0.82 0.00	46.11 -0.80 0.00	43.08 -0.79 -0.18	41.54 -0.72 0.00	35.86 -0.58 -0.41	39.03 -0.59 -0.15	35.93 -0.58 -0.50	39.68 -0.64 -0.45	42.83 -0.60 -0.64	49.14 -0.69 -0.38	49.02 -0.75 0.00	40.65 -0.62 0.00	37.89 -0.50 0.00	35.01 -0.43 0.00
BROOKHAVEN___DRP 24191	39.89 1.88 -9.60	37.90 1.59 -11.88	36.34 1.45 -9.84	35.76 1.30 -9.97	36.81 1.59 -11.88	37.87 2.07 -1.35	50.59 3.96 -1.66	57.54 3.57 -9.40	56.81 3.91 -0.01	54.90 3.59 -0.01	51.73 3.20 -0.01	50.29 3.38 -0.01	49.57 3.50 -2.38	50.00 3.42 -4.32	44.39 2.81 -5.56	45.49 3.79 -2.23	45.80 3.02 -6.78	49.34 3.39 -6.08	55.40 4.02 -8.59	59.47 4.85 -5.18	54.15 4.38 -0.01	45.04 3.76 -0.01	42.04 3.65 -0.01	38.39 2.94 -0.01
BROOKLYN_NAVY_YARD 23515	39.85 1.85 -9.59	37.85 1.54 -11.87	36.43 1.55 -9.84	35.95 1.49 -9.97	36.67 1.45 -11.87	37.83 2.03 -1.35	49.91 3.28 -1.65	57.75 3.79 -9.39	57.49 4.60 0.00	55.82 4.52 0.00	52.79 4.27 0.00	51.27 4.36 0.00	50.22 4.15 -2.37	46.42 4.10 -0.07	45.14 3.57 -5.55	45.26 3.75 -2.04	46.19 3.42 -6.77	49.73 3.79 -6.07	55.39 4.02 -8.58	59.36 4.75 -5.17	54.44 4.68 0.00	44.95 3.67 0.00	41.30 2.92 0.00	37.78 2.34 0.00
BROOKLYN___ARMY_DRP 323595	54.55 2.22 -23.93	53.88 1.83 -27.61	53.88 1.88 -26.96	36.27 1.81 -9.97	36.98 1.75 -11.88	38.21 2.41 -1.35	53.96 3.78 -5.20	58.25 4.28 -9.40	59.05 5.18 -0.98	59.26 5.18 -2.77	58.69 4.90 -5.27	57.52 4.97 -5.65	58.60 4.72 -10.19	56.18 4.61 -9.32	58.01 4.00 -17.99	56.22 4.30 -12.44	58.10 3.85 -18.24	89.13 4.23 -45.03	58.60 4.49 -11.32	97.02 5.19 -42.39	97.01 5.18 -42.07	58.55 4.13 -13.14	55.62 3.38 -13.86	54.57 2.76 -16.37
BROOKVLE_69_KV_TB1 55790	40.24 2.22 -9.61	38.23 1.91 -11.88	36.74 1.85 -9.84	36.20 1.74 -9.97	37.00 1.77 -11.88	38.31 2.51 -1.35	50.51 3.87 -1.66	58.26 4.28 -9.41	57.98 5.08 -0.01	56.29 4.98 -0.01	53.24 4.71 -0.01	51.66 4.74 -0.01	50.58 4.50 -2.39	53.72 4.39 -7.07	45.41 3.82 -5.56	45.93 4.11 -2.35	46.46 3.67 -6.78	49.98 4.03 -6.08	55.75 4.36 -8.60	59.72 5.09 -5.18	54.86 5.08 -0.01	45.37 4.09 -0.01	41.82 3.42 -0.01	38.29 2.84 -0.01
BROOME_2_LFGE 323671	31.34 -0.08 -3.02	28.10 -0.07 -3.74	28.01 -0.12 -3.10	27.50 -0.12 -3.14	27.06 -0.02 -3.74	34.81 -0.07 -0.43	45.41 -0.09 -0.52	47.51 -0.04 -2.98	53.55 -0.05 -0.71	52.00 -0.05 -0.75	48.87 -0.05 -0.40	47.02 -0.09 -0.21	45.15 -0.09 -1.55	42.94 -0.08 -0.77	38.06 -0.07 -2.11	40.94 -0.08 -1.54	37.31 -0.14 -1.45	41.23 -0.20 -1.55	45.40 -0.09 -2.70	50.97 -0.10 -1.63	49.77 0.00 0.00	41.40 0.12 0.00	38.54 0.15 0.00	35.58 0.14 0.00
BROOME___LFGE 323600	31.34 -0.08 -3.02	28.10 -0.07 -3.74	28.01 -0.12 -3.10	27.50 -0.12 -3.14	27.06 -0.02 -3.74	34.81 -0.07 -0.43	45.41 -0.09 -0.52	47.51 -0.04 -2.98	53.55 -0.05 -0.71	52.00 -0.05 -0.75	48.87 -0.05 -0.40	47.02 -0.09 -0.21	45.15 -0.09 -1.55	42.94 -0.08 -0.77	38.06 -0.07 -2.11	40.94 -0.08 -1.54	37.31 -0.14 -1.45	41.23 -0.20 -1.55	45.40 -0.09 -2.70	50.97 -0.10 -1.63	49.77 0.00 0.00	41.40 0.12 0.00	38.54 0.15 0.00	35.58 0.14 0.00
BROWNFLS_115KV_TB_3_5 80003	27.70 -0.94 -0.23	23.89 -0.83 -0.28	24.47 -0.80 -0.23	23.96 -0.76 -0.24	22.81 -0.82 -0.28	33.45 -1.03 -0.03	43.67 -1.35 -0.04	43.44 -1.34 -0.21	51.20 -1.69 0.00	49.41 -1.90 0.00	46.68 -1.84 0.00	44.89 -2.02 0.00	41.91 -1.84 -0.05	40.36 -1.90 0.00	34.42 -1.73 -0.12	37.70 -1.82 -0.05	34.62 -1.55 -0.16	38.34 -1.67 -0.14	41.37 -1.63 -0.20	47.59 -1.98 -0.12	48.02 -1.74 0.00	39.83 -1.44 0.00	37.04 -1.34 0.00	34.20 -1.24 0.00
BROWNSV1_27_KV_LOAD 356125	40.05 2.05 -9.59	38.02 1.71 -11.87	36.61 1.73 -9.84	36.12 1.67 -9.97	36.84 1.61 -11.87	38.07 2.27 -1.35	50.22 3.60 -1.65	58.11 4.15 -9.39	57.86 4.97 0.00	56.23 4.93 0.00	53.18 4.66 0.00	51.60 4.69 0.00	50.57 4.50 -2.37	46.72 4.39 -0.07	45.39 3.82 -5.55	45.58 4.07 -2.04	46.44 3.67 -6.77	50.01 4.07 -6.07	55.69 4.32 -8.58	59.71 5.09 -5.17	54.79 5.03 0.00	45.28 4.00 0.00	41.61 3.22 0.00	38.03 2.59 0.00
BURROWS___LYONSDAL 23803	28.84 0.14 -0.29	24.89 0.10 -0.36	25.41 0.08 -0.29	24.88 0.10 -0.30	23.78 0.07 -0.36	34.73 0.24 -0.04	45.34 0.31 -0.05	45.05 0.22 -0.25	53.16 0.26 0.00	51.30 0.00 0.00	48.47 -0.05 0.00	46.62 -0.28 0.00	43.50 -0.26 -0.06	41.96 -0.30 0.00	35.78 -0.40 -0.15	39.17 -0.36 -0.05	36.06 -0.14 -0.20	39.93 -0.12 -0.18	43.13 0.09 -0.26	49.55 -0.05 -0.15	49.87 0.10 0.00	41.40 0.12 0.00	38.50 0.12 0.00	35.47 0.04 0.00
CAITHNESS_CC_1 323624	39.89 1.87 -9.60	37.93 1.61 -11.88	36.36 1.48 -9.84	35.78 1.32 -9.97	36.79 1.56 -11.88	37.90 2.10 -1.35	50.50 3.87 -1.66	57.54 3.57 -9.40	56.87 3.97 -0.01	55.01 3.70 -0.01	51.83 3.30 -0.01	50.38 3.47 -0.01	49.66 3.58 -2.38	50.04 3.47 -4.32	44.43 2.85 -5.56	45.45 3.75 -2.23	45.84 3.06 -6.78	49.34 3.39 -6.08	55.36 3.98 -8.59	59.47 4.85 -5.18	54.16 4.38 -0.01	45.04 3.76 -0.01	41.92 3.53 -0.01	38.35 2.91 -0.01
CALPINE BETH_PAGE_GT4 24209	40.29 2.27 -9.61	38.27 1.95 -11.88	36.74 1.85 -9.84	36.18 1.71 -9.97	37.05 1.82 -11.88	38.38 2.58 -1.35	50.55 3.91 -1.66	58.12 4.15 -9.40	57.82 4.92 -0.01	56.09 4.77 -0.01	52.95 4.42 -0.01	51.37 4.46 -0.01	50.36 4.28 -2.38	51.83 4.18 -5.39	45.19 3.60 -5.56	45.73 3.99 -2.27	46.35 3.56 -6.78	49.86 3.91 -6.08	55.66 4.28 -8.59	59.62 4.99 -5.18	54.65 4.88 -0.01	45.37 4.09 -0.01	41.93 3.53 -0.01	38.43 2.98 -0.01
CALPINE_BETH_PAGE_GT_4 323586	40.29 2.27 -9.61	38.27 1.96 -11.88	36.74 1.85 -9.84	36.17 1.71 -9.97	37.05 1.82 -11.88	38.38 2.58 -1.35	50.60 3.96 -1.66	58.16 4.19 -9.40	57.82 4.92 -0.01	56.09 4.77 -0.01	52.94 4.41 -0.01	51.37 4.46 -0.01	50.36 4.28 -2.38	51.83 4.18 -5.39	45.19 3.60 -5.56	45.69 3.95 -2.27	46.35 3.57 -6.78	49.86 3.91 -6.08	55.66 4.28 -8.59	59.67 5.05 -5.18	54.71 4.93 -0.01	45.33 4.05 -0.01	41.92 3.53 -0.01	38.46 3.01 -0.01
CALPINE_BP_GT1 23823	40.29 2.27 -9.61	38.27 1.96 -11.88	36.74 1.85 -9.84	36.17 1.71 -9.97	37.05 1.82 -11.88	38.38 2.58 -1.35	50.60 3.96 -1.66	58.16 4.19 -9.40	57.82 4.92 -0.01	56.09 4.77 -0.01	52.94 4.41 -0.01	51.37 4.46 -0.01	50.36 4.28 -2.38	51.83 4.18 -5.39	45.19 3.60 -5.56	45.69 3.95 -2.27	46.35 3.57 -6.78	49.86 3.91 -6.08	55.66 4.28 -8.59	59.67 5.05 -5.18	54.71 4.93 -0.01	45.33 4.05 -0.01	41.92 3.53 -0.01	38.46 3.01 -0.01
CALSPAN___DRP 24200	27.82 -2.10 -1.51	24.52 -1.78 -1.87	24.61 -1.98 -1.55	24.08 -1.98 -1.57	23.61 -1.61 -1.87	31.97 -2.69 -0.21	41.15 -4.09 -0.26	40.80 -4.23 -0.46	43.38 -5.08 4.44	41.63 -5.03 4.65	41.51 -4.56 2.45	41.27 -4.36 1.27	34.66 -4.19 4.84	33.82 -3.80 4.63	30.81 -3.31 1.90	30.26 -3.71 5.50	30.55 -3.42 2.04	36.01 -3.87 0.00	40.25 -3.89 -1.35	45.76 -4.50 -0.81	45.14 -4.63 0.00	38.72 -2.56 0.00	36.50 -1.88 0.00	33.88 -1.56 0.00

CALVERTON___SOLAR 323806	39.89 1.87 -9.60	37.90 1.59 -11.88	36.34 1.45 -9.84	35.76 1.30 -9.97	36.82 1.59 -11.88	37.87 2.07 -1.35	50.64 4.00 -1.66	57.58 3.61 -9.40	56.81 3.91 -0.01	54.85 3.54 -0.01	51.59 3.06 -0.01	50.20 3.28 -0.01	49.57 3.50 -2.38	49.96 3.38 -4.32	44.36 2.77 -5.56	45.53 3.83 -2.23	45.81 3.02 -6.78	49.34 3.39 -6.08	55.45 4.07 -8.59	59.61 4.99 -5.18	54.10 4.33 -0.01	45.00 3.72 -0.01	42.08 3.69 -0.01	38.42 2.98 -0.01
CANDIGU_WT_PWR 323617	28.69 -1.88 -2.16	25.50 -1.61 -2.67	25.50 -1.75 -2.22	25.09 -1.64 -2.25	24.65 -1.38 -2.67	32.69 -2.07 -0.30	42.47 -2.88 -0.37	41.61 -2.81 0.15	20.70 -3.44 28.75	17.74 -3.44 30.12	29.25 -3.35 15.92	35.31 -3.28 8.31	8.42 -3.15 32.13	9.18 -3.04 30.04	19.29 -2.59 14.14	0.35 -2.84 36.29	17.41 -2.77 15.82	34.71 -2.99 2.17	41.85 -2.87 -1.93	47.50 -3.11 -1.16	46.83 -2.94 0.00	39.42 -1.86 0.00	37.00 -1.38 0.00	34.34 -1.10 0.00
CARR STREET_E_SYR 24060	29.20 -0.03 -0.82	25.43 -0.02 -1.02	25.83 -0.05 -0.84	25.27 -0.07 -0.85	24.37 0.00 -1.02	34.53 -0.03 -0.12	45.03 -0.09 -0.14	45.11 -0.27 -0.80	52.52 -0.37 0.00	50.95 -0.36 0.00	48.23 -0.29 0.00	46.58 -0.33 0.00	43.55 -0.35 -0.20	42.01 -0.25 -0.01	36.28 -0.21 -0.48	39.45 -0.20 -0.17	36.37 -0.21 -0.58	40.11 -0.28 -0.52	43.31 -0.21 -0.73	49.64 -0.25 -0.44	49.42 -0.35 0.00	41.03 -0.25 0.00	38.23 -0.15 0.00	35.33 -0.11 0.00
CARTHAGE___PAPER 23857	28.44 -0.37 -0.40	24.60 -0.34 -0.50	25.10 -0.35 -0.41	24.59 -0.32 -0.42	23.50 -0.35 -0.50	34.20 -0.31 -0.06	44.64 -0.41 -0.07	44.46 -0.49 -0.38	52.15 -0.74 0.00	50.17 -1.13 0.00	47.35 -1.16 0.00	45.45 -1.45 0.00	42.44 -1.35 -0.10	40.87 -1.39 0.00	34.88 -1.37 -0.23	38.14 -1.42 -0.08	35.17 -1.12 -0.29	39.01 -1.12 -0.26	42.34 -0.81 -0.36	48.62 -1.04 -0.22	48.92 -0.85 0.00	40.66 -0.62 0.00	37.77 -0.62 0.00	34.76 -0.67 0.00
CASSADAGA_WT_PWR 323784	26.91 -3.15 -1.65	23.79 -2.69 -2.04	23.83 -2.90 -1.69	23.34 -2.87 -1.71	22.94 -2.45 -2.04	30.75 -3.93 -0.23	40.00 -5.26 -0.28	39.38 -5.62 -0.43	42.59 -6.67 3.63	41.03 -6.47 3.81	40.59 -5.92 2.00	40.28 -5.58 1.04	34.45 -5.29 3.95	33.35 -5.11 3.79	30.07 -4.43 1.53	30.00 -4.97 4.50	30.42 -4.29 1.30	35.30 -4.66 -0.09	39.64 -4.62 -1.48	45.04 -5.29 -0.89	45.09 -4.68 0.00	38.68 -2.60 0.00	36.85 -1.54 0.00	34.52 -0.92 0.00
CE_DUNWOOD___DRP 24194	39.69 1.70 -9.57	37.75 1.47 -11.84	36.34 1.48 -9.82	35.86 1.42 -9.95	36.58 1.38 -11.85	37.73 1.93 -1.35	49.73 3.10 -1.64	57.46 3.52 -9.37	57.12 4.23 0.00	55.51 4.21 0.00	52.50 3.98 0.00	50.94 4.03 0.00	49.90 3.85 -2.37	46.08 3.76 -0.07	44.80 3.24 -5.54	44.98 3.47 -2.03	45.85 3.10 -6.75	49.32 3.39 -6.05	55.03 3.68 -8.56	58.95 4.35 -5.16	54.00 4.23 0.00	44.66 3.38 0.00	41.11 2.73 0.00	37.60 2.16 0.00
CE_MILLWOOD___DRP 24193	39.48 1.62 -9.45	37.49 1.37 -11.69	36.11 1.38 -9.69	35.65 1.35 -9.82	36.35 1.31 -11.69	37.60 1.83 -1.33	49.48 2.88 -1.62	57.12 3.30 -9.25	56.86 3.97 0.00	55.25 3.95 0.00	52.25 3.74 0.00	50.70 3.80 0.00	49.66 3.63 -2.33	45.87 3.55 -0.06	44.55 3.06 -5.46	44.76 3.28 -2.00	45.58 2.92 -6.66	49.04 3.19 -5.98	54.71 3.47 -8.45	58.59 4.05 -5.09	53.75 3.98 0.00	44.45 3.18 0.00	40.92 2.53 0.00	37.46 2.02 0.00
CE_NYC2_DRP 24202	40.02 2.02 -9.59	37.97 1.66 -11.87	36.58 1.70 -9.84	36.08 1.62 -9.97	36.79 1.56 -11.88	37.97 2.17 -1.35	50.09 3.46 -1.65	57.93 3.97 -9.39	57.70 4.81 0.00	56.13 4.82 -0.01	53.09 4.56 -0.01	51.51 4.60 -0.01	50.48 4.41 -2.37	46.60 4.27 -0.07	45.33 3.75 -5.56	45.50 3.99 -2.04	46.34 3.56 -6.77	50.83 3.95 -7.01	55.52 4.15 -8.58	59.41 4.80 -5.17	54.59 4.83 0.00	45.07 3.80 0.00	41.46 3.07 0.00	37.92 2.48 0.00
CE_NYC_DRP 24195	39.91 1.90 -9.59	37.89 1.59 -11.87	36.48 1.60 -9.84	36.03 1.57 -9.97	36.72 1.49 -11.87	37.90 2.10 -1.35	50.00 3.37 -1.65	57.88 3.92 -9.39	57.60 4.71 0.00	55.97 4.67 0.00	52.93 4.42 0.00	51.36 4.46 0.00	50.35 4.28 -2.37	46.51 4.18 -0.07	45.21 3.64 -5.55	45.38 3.87 -2.04	46.26 3.49 -6.76	49.77 3.83 -6.07	55.43 4.06 -8.58	59.41 4.80 -5.17	54.49 4.73 0.00	45.03 3.76 0.00	41.38 2.99 0.00	37.81 2.37 0.00
CHAFFEE___LFGE 323603	27.41 -2.78 -1.78	24.27 -2.37 -2.20	24.31 -2.55 -1.83	23.84 -2.50 -1.85	23.41 -2.15 -2.21	31.32 -3.37 -0.25	40.65 -4.63 -0.31	39.89 -5.08 -0.40	43.64 -5.92 3.33	42.27 -5.54 3.49	41.54 -5.14 1.84	40.80 -5.16 0.95	35.40 -4.67 3.62	34.09 -4.69 3.48	30.63 -4.00 1.39	31.05 -4.30 4.12	31.12 -3.71 1.18	35.78 -4.19 -0.10	39.89 -4.49 -1.59	45.31 -5.09 -0.96	45.83 -3.93 0.00	38.80 -2.48 0.00	36.39 -2.00 0.00	33.92 -1.52 0.00
CHATEAUG_35_KV_LOAD 355732	27.27 -1.14 0.00	23.48 -0.95 0.00	24.26 -0.78 0.00	23.78 -0.71 0.00	22.49 -0.86 0.00	33.31 -1.14 0.00	43.31 -1.66 0.00	42.88 -1.69 0.00	50.72 -2.17 0.00	49.35 -1.95 0.00	46.63 -1.89 0.00	45.12 -1.78 0.00	42.03 -1.66 0.00	40.61 -1.65 0.00	34.76 -1.26 0.00	38.21 -1.26 0.00	34.82 -1.19 0.00	38.40 -1.48 0.00	41.03 -1.75 0.00	47.37 -2.08 0.00	47.93 -1.84 0.00	39.71 -1.57 0.00	37.08 -1.31 0.00	34.38 -1.06 0.00
CHATEAUG_WT_PWR 323614	27.33 -1.08 0.00	23.53 -0.90 0.00	24.31 -0.73 0.00	23.83 -0.66 0.00	22.53 -0.82 0.00	33.38 -1.07 0.00	43.36 -1.62 0.00	42.92 -1.65 0.00	50.77 -2.12 0.00	49.41 -1.90 0.00	46.68 -1.84 0.00	45.12 -1.78 0.00	42.08 -1.62 0.00	40.65 -1.61 0.00	34.80 -1.22 0.00	38.25 -1.22 0.00	34.85 -1.15 0.00	38.44 -1.43 0.00	41.08 -1.71 0.00	47.42 -2.03 0.00	47.93 -1.84 0.00	39.75 -1.53 0.00	37.12 -1.27 0.00	34.41 -1.03 0.00
CHAT_HIGH_FALL_HYD 323578	27.27 -1.14 0.00	23.48 -0.95 0.00	24.26 -0.78 0.00	23.78 -0.71 0.00	22.49 -0.86 0.00	33.31 -1.14 0.00	43.31 -1.66 0.00	42.88 -1.69 0.00	50.72 -2.17 0.00	49.35 -1.95 0.00	46.63 -1.89 0.00	45.12 -1.78 0.00	42.03 -1.66 0.00	40.61 -1.65 0.00	34.76 -1.26 0.00	38.21 -1.26 0.00	34.82 -1.19 0.00	38.40 -1.48 0.00	41.03 -1.75 0.00	47.37 -2.08 0.00	47.93 -1.84 0.00	39.71 -1.57 0.00	37.08 -1.31 0.00	34.38 -1.06 0.00
CHAUTAUQUA___LFGE 323629	27.74 -2.27 -1.61	24.49 -1.93 -1.99	24.53 -2.15 -1.65	24.03 -2.13 -1.67	23.56 -1.78 -1.99	31.78 -2.89 -0.23	41.16 -4.09 -0.28	40.52 -4.50 -0.45	43.38 -5.50 4.01	41.71 -5.39 4.20	41.41 -4.90 2.22	41.07 -4.69 1.15	34.82 -4.50 4.37	33.84 -4.23 4.19	30.69 -3.64 1.70	30.44 -4.06 4.97	30.72 -3.49 1.79	36.04 -3.87 -0.03	40.42 -3.81 -1.44	45.96 -4.35 -0.86	45.88 -3.88 0.00	39.13 -2.15 0.00	36.93 -1.46 0.00	34.45 -0.99 0.00
CHERRYST_13_KV_LD 356241	39.96 1.96 -9.59	37.97 1.66 -11.87	36.56 1.68 -9.84	36.08 1.62 -9.97	36.79 1.56 -11.87	37.97 2.17 -1.35	50.13 3.51 -1.65	58.02 4.06 -9.39	57.76 4.87 0.00	56.13 4.82 0.00	53.08 4.56 0.00	51.55 4.64 0.00	50.52 4.46 -2.37	46.63 4.31 -0.07	45.35 3.78 -5.55	45.54 4.03 -2.04	46.37 3.60 -6.76	49.93 3.99 -6.07	55.61 4.24 -8.58	59.56 4.94 -5.17	54.64 4.88 0.00	45.15 3.88 0.00	41.49 3.11 0.00	37.92 2.48 0.00

CHESTROR_138KV_BK263 355645	38.48 1.25 -8.82	36.44 1.10 -10.91	35.16 1.08 -9.04	34.70 1.05 -9.16	35.29 1.03 -10.91	37.14 1.45 -1.24	48.74 2.25 -1.51	55.78 2.59 -8.63	56.01 3.12 0.00	54.43 3.13 0.00	51.43 2.91 0.00	49.86 2.96 0.00	48.71 2.84 -2.18	45.11 2.79 -0.06	43.50 2.38 -5.10	43.91 2.57 -1.87	44.49 2.27 -6.22	47.96 2.51 -5.58	53.41 2.74 -7.88	57.46 3.26 -4.75	52.90 3.14 0.00	43.79 2.52 0.00	40.38 2.00 0.00	37.03 1.59 0.00
CH_MIDHUDSON___DRP 24192	39.67 1.53 -9.72	37.79 1.32 -12.03	36.34 1.33 -9.98	35.89 1.30 -10.11	36.65 1.26 -12.04	37.57 1.76 -1.37	49.35 2.70 -1.67	57.16 3.08 -9.52	56.59 3.70 0.00	55.00 3.69 0.00	51.96 3.44 0.00	50.38 3.47 0.00	49.46 3.36 -2.40	45.62 3.30 -0.07	44.42 2.77 -5.62	44.50 2.96 -2.06	45.53 2.66 -6.86	48.93 2.91 -6.15	54.65 3.17 -8.70	58.44 3.76 -5.24	53.45 3.68 0.00	44.20 2.93 0.00	40.73 2.34 0.00	37.35 1.91 0.00
CH_MISC_IPPS 23765	39.56 1.65 -9.51	37.61 1.42 -11.76	36.22 1.43 -9.75	35.74 1.37 -9.88	36.45 1.33 -11.77	37.65 1.86 -1.34	49.49 2.88 -1.63	57.09 3.21 -9.30	56.81 3.91 0.00	55.25 3.95 0.00	52.26 3.74 0.00	50.61 3.70 0.00	49.67 3.62 -2.35	45.83 3.51 -0.06	44.44 2.92 -5.50	44.57 3.08 -2.02	45.52 2.81 -6.70	49.00 3.11 -6.01	54.67 3.38 -8.50	58.67 4.10 -5.12	53.75 3.98 0.00	44.41 3.14 0.00	40.88 2.49 0.00	37.56 2.13 0.00
CH_RES_BVR_FALLS 23983	27.67 -0.74 0.00	23.78 -0.66 0.00	24.41 -0.63 0.00	23.88 -0.61 0.00	22.72 -0.63 0.00	33.55 -0.90 0.00	43.81 -1.17 0.00	43.46 -1.11 0.00	51.57 -1.32 0.00	50.02 -1.28 0.00	47.31 -1.21 0.00	45.73 -1.17 0.00	42.60 -1.09 0.00	41.16 -1.10 0.00	35.09 -0.94 0.00	38.49 -0.99 0.00	35.11 -0.90 0.00	38.88 -1.00 0.00	41.68 -1.11 0.00	48.11 -1.33 0.00	48.47 -1.29 0.00	40.20 -1.07 0.00	37.50 -0.88 0.00	34.76 -0.67 0.00
CH_RES_NIAGARA 23895	27.74 -2.07 -1.41	24.44 -1.74 -1.74	24.55 -1.93 -1.44	24.04 -1.91 -1.46	23.52 -1.56 -1.74	31.99 -2.65 -0.20	40.68 -4.54 -0.24	40.30 -4.72 -0.46	41.98 -6.08 4.83	40.19 -6.05 5.06	40.42 -5.43 2.67	40.40 -5.11 1.39	33.35 -5.07 5.28	32.70 -4.52 5.04	30.12 -3.82 2.09	29.18 -4.30 5.99	29.71 -4.03 2.26	35.37 -4.47 0.03	39.60 -4.45 -1.26	45.06 -5.14 -0.76	44.34 -5.42 0.00	37.68 -3.59 0.00	35.54 -2.84 0.00	32.92 -2.52 0.00
CH_RES_SYRACUSE 23985	29.47 0.14 -0.92	25.70 0.12 -1.14	26.09 0.10 -0.94	25.54 0.10 -0.96	24.63 0.14 -1.14	34.79 0.21 -0.13	45.32 0.18 -0.16	45.47 0.00 -0.90	52.89 0.00 0.00	51.25 -0.05 0.00	48.52 0.00 0.00	46.86 -0.05 0.00	43.83 -0.09 -0.23	42.26 0.00 -0.01	36.56 0.00 -0.53	39.71 0.04 -0.19	36.65 0.00 -0.65	40.41 -0.04 -0.58	43.66 0.04 -0.82	49.99 0.05 -0.50	49.72 -0.05 0.00	41.27 0.00 0.00	38.46 0.08 0.00	35.51 0.07 0.00
CLINTON_WT_PWR 323605	27.33 -1.08 0.00	23.53 -0.90 0.00	24.31 -0.73 0.00	23.83 -0.66 0.00	22.53 -0.82 0.00	33.38 -1.07 0.00	43.36 -1.62 0.00	42.92 -1.65 0.00	50.77 -2.12 0.00	49.41 -1.90 0.00	46.68 -1.84 0.00	45.12 -1.78 0.00	42.08 -1.62 0.00	40.65 -1.61 0.00	34.80 -1.22 0.00	38.25 -1.22 0.00	34.85 -1.15 0.00	38.44 -1.43 0.00	41.08 -1.71 0.00	47.42 -2.03 0.00	47.93 -1.84 0.00	39.75 -1.53 0.00	37.12 -1.27 0.00	34.41 -1.03 0.00
CLINTON___LFGE 323618	27.70 -0.71 0.00	23.83 -0.61 0.00	24.64 -0.40 0.00	24.14 -0.34 0.00	22.81 -0.54 0.00	33.86 -0.59 0.00	43.86 -1.12 0.00	43.50 -1.07 0.00	51.52 -1.38 0.00	50.17 -1.13 0.00	47.40 -1.11 0.00	45.83 -1.08 0.00	42.77 -0.92 0.00	41.29 -0.97 0.00	35.30 -0.72 0.00	38.84 -0.63 0.00	35.39 -0.61 0.00	39.03 -0.84 0.00	41.76 -1.03 0.00	48.21 -1.23 0.00	48.82 -0.95 0.00	40.45 -0.83 0.00	37.81 -0.57 0.00	35.02 -0.42 0.00
COBBLENY_34_KV_TB1 80064	27.41 -2.78 -1.78	24.27 -2.37 -2.20	24.31 -2.55 -1.83	23.79 -2.55 -1.85	23.41 -2.15 -2.21	31.32 -3.38 -0.25	40.61 -4.68 -0.31	39.85 -5.13 -0.40	43.95 -5.61 3.33	42.48 -5.34 3.49	41.54 -5.14 1.84	40.89 -5.07 0.95	35.53 -4.54 3.62	34.26 -4.52 3.48	30.63 -4.00 1.39	31.09 -4.26 4.12	31.12 -3.71 1.18	35.74 -4.23 -0.10	39.89 -4.49 -1.59	45.31 -5.09 -0.96	44.74 -5.03 0.00	38.76 -2.52 0.00	36.39 -2.00 0.00	33.91 -1.52 0.00
COFFEEN___115KV_TB3 355620	28.84 -0.03 -0.46	24.96 -0.05 -0.57	25.47 -0.05 -0.48	24.95 -0.02 -0.48	23.85 -0.07 -0.57	34.62 0.10 -0.07	45.15 0.09 -0.08	44.97 -0.04 -0.44	52.63 -0.26 0.00	50.59 -0.72 0.00	47.74 -0.78 0.00	45.73 -1.17 0.00	42.71 -1.09 -0.11	41.12 -1.14 0.00	35.13 -1.15 -0.26	38.35 -1.22 -0.10	35.43 -0.90 -0.33	39.33 -0.84 -0.29	42.78 -0.43 -0.41	49.10 -0.59 -0.25	49.42 -0.35 0.00	41.07 -0.21 0.00	38.19 -0.19 0.00	35.12 -0.32 0.00
COLDSPRG_115KV_BK1 355956	27.71 -2.41 -1.72	24.54 -2.03 -2.13	24.58 -2.23 -1.76	24.00 -2.28 -1.79	23.66 -1.82 -2.13	31.69 -3.00 -0.24	41.18 -4.09 -0.30	40.54 -4.41 -0.39	44.68 -4.97 3.24	43.03 -4.87 3.40	42.17 -4.56 1.79	41.57 -4.41 0.92	36.11 -4.06 3.53	34.94 -3.93 3.38	31.14 -3.53 1.36	31.56 -3.91 4.01	31.17 -3.35 1.48	36.17 -3.77 -0.05	40.56 -3.77 -1.54	46.07 -4.30 -0.93	45.54 -4.23 0.00	39.42 -1.86 0.00	37.31 -1.07 0.00	34.84 -0.60 0.00
COLONIE_LFGE___ 323577	41.81 1.45 -11.95	40.47 1.25 -14.78	38.55 1.25 -12.26	38.16 1.25 -12.42	39.33 1.19 -14.79	37.96 1.82 -1.68	49.55 2.52 -2.05	59.03 2.76 -11.70	56.23 3.33 0.00	54.49 3.18 0.00	51.48 2.96 0.00	49.81 2.91 0.00	49.31 2.67 -2.95	44.96 2.62 -0.08	45.13 2.20 -6.91	44.34 2.33 -2.54	46.59 2.16 -8.43	49.78 2.35 -7.56	56.05 2.57 -10.69	58.85 2.97 -6.44	52.80 3.04 0.00	43.67 2.39 0.00	40.30 1.92 0.00	37.07 1.63 0.00
COOPERNY_115KV_TB1 80082	36.53 0.94 -7.18	34.13 0.81 -8.89	33.24 0.83 -7.37	32.74 0.78 -7.47	33.01 0.77 -8.89	36.53 1.07 -1.01	47.88 1.66 -1.23	53.57 1.96 -7.03	55.22 2.33 0.00	53.61 2.31 0.00	50.70 2.18 0.00	49.06 2.16 0.00	47.61 2.14 -1.78	44.38 2.07 -0.05	41.95 1.77 -4.16	42.89 1.89 -1.52	42.76 1.69 -5.07	46.25 1.83 -4.54	51.23 2.01 -6.43	55.69 2.37 -3.87	52.06 2.29 0.00	43.17 1.90 0.00	39.88 1.50 0.00	36.64 1.20 0.00
COPENHAGEN_WT_PWR 323753	28.69 -0.20 -0.48	24.83 -0.20 -0.59	25.33 -0.20 -0.49	24.82 -0.17 -0.50	23.73 -0.21 -0.59	34.38 -0.14 -0.07	44.88 -0.18 -0.08	44.72 -0.31 -0.46	52.31 -0.58 0.00	50.38 -0.92 0.00	47.60 -0.92 0.00	45.64 -1.26 0.00	42.63 -1.18 -0.12	41.03 -1.23 0.00	35.11 -1.19 -0.27	38.31 -1.26 -0.10	35.37 -0.97 -0.34	39.18 -1.00 -0.30	42.58 -0.64 -0.43	48.86 -0.84 -0.26	49.12 -0.65 0.00	40.82 -0.45 0.00	37.96 -0.42 0.00	34.94 -0.50 0.00
CORNELL_____ 23752	31.04 0.54 -2.09	27.46 0.44 -2.59	27.61 0.43 -2.14	27.08 0.42 -2.17	26.40 0.47 -2.59	35.47 0.72 -0.29	46.28 0.94 -0.36	51.90 0.89 -6.44	67.38 1.06 -13.43	66.25 0.87 -14.07	56.65 0.73 -7.40	51.30 0.56 -3.83	60.77 0.44 -16.64	56.80 0.46 -14.08	46.76 0.36 -10.37	58.27 0.43 -18.36	48.80 0.43 -12.37	45.70 0.52 -5.31	45.47 0.81 -1.87	51.56 0.99 -1.13	50.66 0.90 0.00	42.06 0.78 0.00	39.19 0.81 0.00	36.15 0.71 0.00

CORONA V_69_KV_TB1 355595	40.27 2.24 -9.61	38.25 1.93 -11.89	36.74 1.85 -9.84	36.18 1.71 -9.97	37.02 1.80 -11.88	38.35 2.55 -1.35	50.51 3.87 -1.66	58.17 4.19 -9.41	57.83 4.92 -0.02	56.14 4.82 -0.02	53.00 4.46 -0.02	51.38 4.46 -0.02	50.32 4.24 -2.39	54.08 4.10 -7.72	45.23 3.64 -5.56	45.76 3.91 -2.38	46.35 3.56 -6.78	49.86 3.91 -6.08	55.58 4.19 -8.60	59.53 4.90 -5.18	54.76 4.98 -0.02	45.33 4.04 -0.02	41.78 3.38 -0.02	38.33 2.87 -0.02
CORTLAND_115KV_TB3 80093	30.43 0.34 -1.68	26.78 0.27 -2.08	27.01 0.25 -1.72	26.48 0.24 -1.74	25.73 0.30 -2.08	35.13 0.45 -0.24	45.85 0.58 -0.29	47.98 0.58 -2.83	57.34 0.69 -3.76	55.81 0.56 -3.94	51.08 0.49 -2.07	48.35 0.38 -1.07	48.92 0.31 -4.92	46.55 0.34 -3.95	39.79 0.25 -3.51	45.12 0.28 -5.37	40.45 0.25 -4.19	42.29 0.28 -2.14	44.76 0.47 -1.50	50.89 0.54 -0.90	50.26 0.50 0.00	41.77 0.50 0.00	38.88 0.50 0.00	35.90 0.46 0.00
COXSACKIE__GT 23611	40.71 1.11 -11.19	39.26 0.98 -13.84	37.49 0.98 -11.48	37.07 0.95 -11.63	38.13 0.93 -13.85	37.44 1.41 -1.58	48.79 1.89 -1.92	57.62 2.10 -10.95	56.17 3.28 0.00	54.59 3.29 0.00	51.33 2.81 0.00	49.48 2.58 0.00	48.34 1.88 -2.76	44.07 1.73 -0.08	43.79 1.29 -6.47	43.27 1.42 -2.37	45.30 1.40 -7.89	48.78 1.84 -7.08	54.89 2.10 -10.01	58.14 2.67 -6.03	53.00 3.23 0.00	43.88 2.60 0.00	40.53 2.15 0.00	37.64 2.20 0.00
CPV_VALLEY__CC1 323721	37.73 1.08 -8.24	35.55 0.93 -10.19	34.42 0.93 -8.45	33.93 0.88 -8.56	34.41 0.86 -10.19	36.81 1.21 -1.16	48.33 1.93 -1.41	54.91 2.27 -8.06	55.59 2.70 0.00	54.02 2.72 0.00	51.04 2.52 0.00	49.48 2.58 0.00	48.22 2.49 -2.04	44.76 2.45 -0.06	42.91 2.12 -4.76	43.43 2.21 -1.75	43.79 1.98 -5.81	47.27 2.19 -5.21	52.55 2.39 -7.37	56.70 2.82 -4.44	52.55 2.79 0.00	43.46 2.19 0.00	40.11 1.73 0.00	36.82 1.38 0.00
CPV_VALLEY__CC2 323722	37.73 1.08 -8.24	35.55 0.93 -10.19	34.42 0.93 -8.45	33.93 0.88 -8.56	34.41 0.86 -10.19	36.81 1.21 -1.16	48.33 1.93 -1.41	54.91 2.27 -8.06	55.59 2.70 0.00	54.02 2.72 0.00	51.04 2.52 0.00	49.48 2.58 0.00	48.22 2.49 -2.04	44.76 2.45 -0.06	42.91 2.12 -4.76	43.43 2.21 -1.75	43.79 1.98 -5.81	47.27 2.19 -5.21	52.55 2.39 -7.37	56.70 2.82 -4.44	52.55 2.79 0.00	43.46 2.19 0.00	40.11 1.73 0.00	36.82 1.38 0.00
CRESCENT__HYD 24018	41.81 1.45 -11.95	40.47 1.25 -14.78	38.55 1.25 -12.26	38.16 1.25 -12.42	39.33 1.19 -14.79	37.96 1.82 -1.68	49.55 2.52 -2.05	59.03 2.76 -11.70	56.23 3.33 0.00	54.49 3.18 0.00	51.48 2.96 0.00	49.81 2.91 0.00	49.31 2.67 -2.95	44.96 2.62 -0.08	45.13 2.20 -6.91	44.34 2.33 -2.54	46.59 2.16 -8.43	49.78 2.35 -7.56	56.05 2.57 -10.69	58.85 2.97 -6.44	52.80 3.04 0.00	43.67 2.39 0.00	40.30 1.92 0.00	37.07 1.63 0.00
CRICKET__VALLEY_CC1 323756	39.89 1.45 -10.03	38.10 1.25 -12.41	36.59 1.25 -10.29	36.14 1.22 -10.43	36.94 1.17 -12.42	37.48 1.62 -1.41	49.17 2.47 -1.72	57.25 2.86 -9.82	56.28 3.39 0.00	54.59 3.29 0.00	51.63 3.11 0.00	50.05 3.14 0.00	49.19 3.01 -2.48	45.28 2.96 -0.07	44.38 2.56 -5.80	44.29 2.69 -2.13	45.49 2.41 -7.08	48.81 2.59 -6.35	54.59 2.82 -8.97	58.16 3.31 -5.40	53.05 3.28 0.00	43.83 2.56 0.00	40.42 2.03 0.00	37.10 1.67 0.00
CRICKET__VALLEY_CC2 323757	39.89 1.45 -10.03	38.10 1.25 -12.41	36.59 1.25 -10.29	36.14 1.22 -10.43	36.94 1.17 -12.42	37.48 1.62 -1.41	49.17 2.47 -1.72	57.25 2.86 -9.82	56.28 3.39 0.00	54.59 3.29 0.00	51.63 3.11 0.00	50.05 3.14 0.00	49.19 3.01 -2.48	45.28 2.96 -0.07	44.38 2.56 -5.80	44.29 2.69 -2.13	45.49 2.41 -7.08	48.81 2.59 -6.35	54.59 2.82 -8.97	58.16 3.31 -5.40	53.05 3.28 0.00	43.83 2.56 0.00	40.42 2.03 0.00	37.10 1.67 0.00
CRICKET__VALLEY_CC3 323758	39.89 1.45 -10.03	38.10 1.25 -12.41	36.59 1.25 -10.29	36.14 1.22 -10.43	36.94 1.17 -12.42	37.48 1.62 -1.41	49.17 2.47 -1.72	57.25 2.86 -9.82	56.28 3.39 0.00	54.59 3.29 0.00	51.63 3.11 0.00	50.05 3.14 0.00	49.19 3.01 -2.48	45.28 2.96 -0.07	44.38 2.56 -5.80	44.29 2.69 -2.13	45.49 2.41 -7.08	48.81 2.59 -6.35	54.59 2.82 -8.97	58.16 3.31 -5.40	53.05 3.28 0.00	43.83 2.56 0.00	40.42 2.03 0.00	37.10 1.67 0.00
CRUCIBLE_METL_DRP 24180	29.47 0.14 -0.92	25.70 0.12 -1.14	26.08 0.10 -0.94	25.54 0.10 -0.96	24.63 0.14 -1.14	34.79 0.21 -0.13	45.32 0.18 -0.16	45.47 0.00 -0.90	52.89 0.00 0.00	51.30 0.00 0.00	48.52 0.00 0.00	46.86 -0.05 0.00	43.83 -0.09 -0.23	42.26 0.00 -0.01	36.56 0.00 -0.53	39.71 0.04 -0.19	36.65 0.00 -0.65	40.41 -0.04 -0.58	43.66 0.04 -0.82	49.99 0.05 -0.50	49.72 -0.05 0.00	41.23 -0.04 0.00	38.46 0.08 0.00	35.55 0.11 0.00
DAHOWA__HYDRO 323763	42.42 1.87 -12.13	41.03 1.59 -15.01	39.11 1.63 -12.45	38.71 1.62 -12.61	39.96 1.59 -15.02	38.57 2.41 -1.71	50.34 3.28 -2.08	59.96 3.52 -11.87	57.28 4.39 0.00	55.56 4.26 0.00	52.45 3.93 0.00	50.66 3.75 0.00	50.01 3.32 -3.00	45.51 3.17 -0.08	45.67 2.63 -7.01	44.81 2.76 -2.57	47.30 2.74 -8.56	50.62 3.07 -7.67	57.02 3.38 -10.85	59.89 3.91 -6.53	53.75 3.98 0.00	44.45 3.18 0.00	40.96 2.57 0.00	37.56 2.13 0.00
DANC__LFGE 323619	28.69 -0.28 -0.57	24.87 -0.27 -0.70	25.32 -0.30 -0.58	24.81 -0.27 -0.59	23.79 -0.26 -0.70	34.25 -0.28 -0.08	44.67 -0.41 -0.10	44.54 -0.58 -0.55	52.04 -0.85 0.00	50.28 -1.03 0.00	47.50 -1.02 0.00	45.69 -1.22 0.00	42.65 -1.18 -0.14	41.12 -1.14 0.00	35.27 -1.08 -0.32	38.45 -1.15 -0.12	35.47 -0.94 -0.40	39.27 -0.96 -0.36	42.57 -0.73 -0.51	48.86 -0.89 -0.30	48.97 -0.80 0.00	40.66 -0.62 0.00	37.81 -0.57 0.00	34.87 -0.57 0.00
DANSKAMMER__1 23586	39.56 1.65 -9.51	37.61 1.42 -11.76	36.22 1.43 -9.75	35.74 1.37 -9.88	36.45 1.33 -11.77	37.65 1.86 -1.34	49.49 2.88 -1.63	57.09 3.21 -9.30	56.81 3.91 0.00	55.25 3.95 0.00	52.26 3.74 0.00	50.61 3.70 0.00	49.67 3.62 -2.35	45.83 3.51 -0.06	44.44 2.92 -5.50	44.57 3.08 -2.02	45.52 2.81 -6.70	49.00 3.11 -6.01	54.67 3.38 -8.50	58.67 4.10 -5.12	53.75 3.98 0.00	44.41 3.14 0.00	40.88 2.49 0.00	37.56 2.13 0.00
DANSKAMMER__2 23589	39.56 1.65 -9.51	37.61 1.42 -11.76	36.22 1.43 -9.75	35.74 1.37 -9.88	36.45 1.33 -11.77	37.65 1.86 -1.34	49.49 2.88 -1.63	57.09 3.21 -9.30	56.81 3.91 0.00	55.25 3.95 0.00	52.26 3.74 0.00	50.61 3.70 0.00	49.67 3.62 -2.35	45.83 3.51 -0.06	44.44 2.92 -5.50	44.57 3.08 -2.02	45.52 2.81 -6.70	49.00 3.11 -6.01	54.67 3.38 -8.50	58.67 4.10 -5.12	53.75 3.98 0.00	44.41 3.14 0.00	40.88 2.49 0.00	37.56 2.13 0.00
DANSKAMMER__3 23590	39.56 1.65 -9.51	37.61 1.42 -11.76	36.22 1.43 -9.75	35.74 1.37 -9.88	36.45 1.33 -11.77	37.65 1.86 -1.34	49.49 2.88 -1.63	57.09 3.21 -9.30	56.81 3.91 0.00	55.25 3.95 0.00	52.26 3.74 0.00	50.61 3.70 0.00	49.67 3.62 -2.35	45.83 3.51 -0.06	44.44 2.92 -5.50	44.57 3.08 -2.02	45.52 2.81 -6.70	49.00 3.11 -6.01	54.67 3.38 -8.50	58.67 4.10 -5.12	53.75 3.98 0.00	44.41 3.14 0.00	40.88 2.49 0.00	37.56 2.13 0.00

DANSKAMMER___4 23591	39.56 1.65 -9.51	37.61 1.42 -11.76	36.22 1.43 -9.75	35.74 1.37 -9.88	36.45 1.33 -11.77	37.65 1.86 -1.34	49.49 2.88 -1.63	57.09 3.21 -9.30	56.81 3.91 0.00	55.25 3.95 0.00	52.26 3.74 0.00	50.61 3.70 0.00	49.67 3.62 -2.35	45.83 3.51 -0.06	44.44 2.92 -5.50	44.57 3.08 -2.02	45.52 2.81 -6.70	49.00 3.11 -6.01	54.67 3.38 -8.50	58.67 4.10 -5.12	53.75 3.98 0.00	44.41 3.14 0.00	40.88 2.49 0.00	37.56 2.13 0.00
DANSKAMMER___DIESEL 23592	39.56 1.65 -9.51	37.61 1.42 -11.76	36.22 1.43 -9.75	35.74 1.37 -9.88	36.45 1.33 -11.77	37.65 1.86 -1.34	49.49 2.88 -1.63	57.08 3.21 -9.30	56.81 3.91 0.00	55.31 4.00 0.00	52.21 3.69 0.00	50.61 3.71 0.00	49.67 3.63 -2.35	45.83 3.51 -0.06	44.44 2.92 -5.50	44.61 3.12 -2.02	45.52 2.81 -6.70	48.99 3.11 -6.01	54.67 3.38 -8.50	58.67 4.10 -5.12	53.70 3.93 0.00	44.41 3.14 0.00	40.92 2.53 0.00	37.57 2.13 0.00
DARBY___SOLAR 323810	42.36 1.85 -12.10	40.97 1.57 -14.97	39.06 1.60 -12.42	38.64 1.57 -12.58	39.87 1.54 -14.98	38.50 2.34 -1.70	50.25 3.19 -2.08	59.85 3.43 -11.84	57.17 4.28 0.00	55.41 4.11 0.00	52.35 3.83 0.00	50.52 3.61 0.00	49.92 3.23 -2.99	45.47 3.13 -0.08	45.62 2.60 -7.00	44.76 2.72 -2.57	47.20 2.66 -8.53	50.52 2.99 -7.65	56.91 3.30 -10.82	59.77 3.81 -6.52	53.65 3.88 0.00	44.37 3.10 0.00	40.92 2.53 0.00	37.53 2.09 0.00
DASHVILLE___HYD 23610	39.22 0.99 -9.82	37.44 0.86 -12.14	35.96 0.85 -10.07	35.50 0.81 -10.20	36.29 0.79 -12.15	36.90 1.07 -1.38	48.51 1.84 -1.69	56.41 2.23 -9.61	56.28 3.39 0.00	54.69 3.39 0.00	51.67 3.15 0.00	50.09 3.19 0.00	48.70 2.58 -2.43	45.28 2.96 -0.07	43.83 2.13 -5.68	43.81 2.25 -2.08	44.91 1.98 -6.92	48.27 2.19 -6.21	53.96 2.40 -8.78	57.65 2.92 -5.29	53.20 3.43 0.00	44.04 2.77 0.00	40.61 2.23 0.00	37.32 1.88 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	39.89 1.88 -9.60	37.90 1.59 -11.88	36.31 1.43 -9.84	35.71 1.25 -9.97	36.81 1.59 -11.88	37.83 2.03 -1.35	50.68 4.05 -1.66	57.63 3.65 -9.40	56.92 4.02 -0.01	54.90 3.59 -0.01	51.54 3.01 -0.01	50.20 3.28 -0.01	49.53 3.45 -2.38	49.88 3.30 -4.32	44.28 2.70 -5.56	45.49 3.79 -2.23	45.73 2.95 -6.78	49.26 3.31 -6.08	55.36 3.98 -8.59	59.47 4.85 -5.18	53.96 4.18 -0.01	44.83 3.55 -0.01	41.92 3.53 -0.01	38.39 2.94 -0.01
DELAWARE___LFGE 323621	33.31 0.91 -3.99	30.15 0.78 -4.93	29.91 0.78 -4.09	29.39 0.76 -4.14	29.03 0.75 -4.93	36.11 1.10 -0.56	47.28 1.62 -0.68	50.31 1.83 -3.91	55.11 2.22 0.00	53.46 2.15 0.00	50.51 1.99 0.00	48.78 1.88 0.00	46.47 1.79 -0.99	44.06 1.77 -0.03	39.78 1.44 -2.31	41.82 1.50 -0.85	40.18 1.37 -2.81	43.91 1.52 -2.52	48.11 1.75 -3.57	53.52 1.93 -2.15	51.71 1.94 0.00	42.97 1.69 0.00	39.80 1.42 0.00	36.61 1.17 0.00
DERFIELD_115KV_TB7 355931	28.58 0.17 0.00	24.58 0.15 0.00	25.17 0.13 0.00	24.61 0.12 0.00	23.49 0.14 0.00	34.66 0.21 0.00	45.29 0.31 0.00	44.93 0.36 0.00	53.31 0.42 0.00	51.71 0.41 0.00	48.91 0.39 0.00	47.28 0.38 0.00	44.04 0.35 0.00	42.64 0.38 0.00	36.31 0.29 0.00	39.75 0.28 0.00	36.29 0.29 0.00	40.15 0.28 0.00	43.13 0.34 0.00	49.79 0.35 0.00	50.11 0.35 0.00	41.60 0.33 0.00	38.61 0.23 0.00	35.62 0.18 0.00
DOGLEVILLE___HYD 23807	26.39 -2.02 0.00	22.68 -1.76 0.00	23.26 -1.78 0.00	22.75 -1.74 0.00	21.71 -1.64 0.00	32.17 -2.27 0.00	42.19 -2.79 0.00	42.03 -2.54 0.00	50.09 -2.80 0.00	48.63 -2.67 0.00	46.24 -2.28 0.00	44.80 -2.11 0.00	41.68 -2.01 0.00	40.10 -2.15 0.00	33.86 -2.16 0.00	36.95 -2.53 0.00	33.74 -2.27 0.00	37.20 -2.67 0.00	40.01 -2.78 0.00	46.03 -3.41 0.00	46.43 -3.33 0.00	38.51 -2.76 0.00	35.77 -2.61 0.00	32.99 -2.44 0.00
DUNKIRK___115KV_TB_200 55889	27.80 -2.22 -1.60	24.54 -1.88 -1.98	24.60 -2.08 -1.64	24.05 -2.11 -1.66	23.63 -1.70 -1.98	31.85 -2.82 -0.23	41.21 -4.05 -0.27	40.66 -4.37 -0.45	43.61 -5.24 4.05	41.88 -5.18 4.24	41.53 -4.75 2.24	41.15 -4.60 1.16	34.96 -4.33 4.41	33.97 -4.06 4.23	30.75 -3.57 1.71	30.47 -3.99 5.01	30.77 -3.42 1.81	36.12 -3.79 -0.03	40.50 -3.72 -1.43	46.06 -4.25 -0.86	45.49 -4.28 0.00	39.09 -2.19 0.00	36.93 -1.46 0.00	34.45 -0.99 0.00
DUNKIRK___1 23563	27.80 -2.22 -1.60	24.54 -1.88 -1.98	24.60 -2.08 -1.64	24.05 -2.11 -1.66	23.63 -1.70 -1.98	31.85 -2.82 -0.23	41.21 -4.05 -0.27	40.66 -4.37 -0.45	43.61 -5.24 4.05	41.88 -5.18 4.24	41.53 -4.75 2.24	41.15 -4.60 1.16	34.96 -4.33 4.41	33.97 -4.06 4.23	30.75 -3.57 1.71	30.47 -3.99 5.01	30.77 -3.42 1.81	36.12 -3.79 -0.03	40.50 -3.72 -1.43	46.06 -4.25 -0.86	45.49 -4.28 0.00	39.09 -2.19 0.00	36.93 -1.46 0.00	34.45 -0.99 0.00
DUNKIRK___2 23564	27.80 -2.22 -1.60	24.54 -1.88 -1.98	24.60 -2.08 -1.64	24.05 -2.11 -1.66	23.63 -1.70 -1.98	31.85 -2.82 -0.23	41.21 -4.05 -0.27	40.66 -4.37 -0.45	43.61 -5.24 4.05	41.88 -5.18 4.24	41.53 -4.75 2.24	41.15 -4.60 1.16	34.96 -4.33 4.41	33.97 -4.06 4.23	30.75 -3.57 1.71	30.47 -3.99 5.01	30.77 -3.42 1.81	36.12 -3.79 -0.03	40.50 -3.72 -1.43	46.06 -4.25 -0.86	45.49 -4.28 0.00	39.09 -2.19 0.00	36.93 -1.46 0.00	34.45 -0.99 0.00
DUNKIRK___3 23565	27.85 -2.16 -1.60	24.58 -1.83 -1.98	24.65 -2.03 -1.64	24.09 -2.06 -1.66	23.67 -1.66 -1.98	31.92 -2.76 -0.23	41.25 -4.00 -0.27	40.71 -4.32 -0.47	43.59 -5.13 4.17	41.85 -5.08 4.37	41.51 -4.71 2.30	41.21 -4.50 1.19	34.91 -4.24 4.54	33.93 -3.97 4.35	30.77 -3.49 1.76	30.44 -3.87 5.16	30.74 -3.38 1.88	36.15 -3.75 -0.03	40.50 -3.72 -1.43	46.05 -4.25 -0.86	45.44 -4.33 0.00	39.00 -2.27 0.00	36.81 -1.57 0.00	34.30 -1.13 0.00
DUNKIRK___4 23566	27.85 -2.16 -1.60	24.58 -1.83 -1.98	24.65 -2.03 -1.64	24.09 -2.06 -1.66	23.67 -1.66 -1.98	31.92 -2.76 -0.23	41.25 -4.00 -0.27	40.71 -4.32 -0.47	43.59 -5.13 4.17	41.85 -5.08 4.37	41.51 -4.71 2.30	41.21 -4.50 1.19	34.91 -4.24 4.54	33.93 -3.97 4.35	30.77 -3.49 1.76	30.44 -3.87 5.16	30.74 -3.38 1.88	36.15 -3.75 -0.03	40.50 -3.72 -1.43	46.05 -4.25 -0.86	45.44 -4.33 0.00	39.00 -2.27 0.00	36.81 -1.57 0.00	34.30 -1.13 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	39.76 1.76 -9.59	37.82 1.52 -11.87	36.41 1.53 -9.84	35.93 1.47 -9.97	36.65 1.42 -11.87	37.80 2.00 -1.35	49.82 3.19 -1.65	57.62 3.65 -9.39	57.28 4.39 0.00	55.66 4.36 0.00	52.64 4.12 0.00	51.08 4.17 0.00	50.04 3.98 -2.37	46.21 3.89 -0.07	44.92 3.35 -5.55	45.10 3.59 -2.04	45.97 3.20 -6.77	49.45 3.51 -6.07	55.18 3.81 -8.58	59.11 4.50 -5.17	54.20 4.43 0.00	44.82 3.55 0.00	41.22 2.84 0.00	37.67 2.23 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	39.04 1.42 -9.21	37.05 1.22 -11.40	35.72 1.23 -9.45	35.24 1.18 -9.57	35.90 1.14 -11.40	37.36 1.62 -1.30	49.08 2.52 -1.58	56.44 2.85 -9.02	56.38 3.49 0.00	54.79 3.49 0.00	51.77 3.25 0.00	50.19 3.28 0.00	49.16 3.19 -2.28	45.41 3.08 -0.06	43.98 2.63 -5.33	44.23 2.80 -1.95	45.02 2.52 -6.50	48.45 2.75 -5.83	54.07 3.04 -8.24	58.02 3.61 -4.96	53.25 3.48 0.00	44.08 2.81 0.00	40.61 2.23 0.00	37.28 1.84 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	39.99 1.99 -9.59	37.92 1.61 -11.87	36.53 1.65 -9.84	36.03 1.57 -9.97	36.72 1.49 -11.88	37.80 2.00 -1.35	49.86 3.24 -1.65	57.71 3.74 -9.39	57.44 4.55 0.00	55.86 4.57 0.01	52.83 4.32 0.01	51.26 4.36 0.01	50.26 4.19 -2.37	46.41 4.10 -0.06	45.13 3.57 -5.54	45.30 3.79 -2.04	46.18 3.42 -6.76	49.68 3.75 -6.06	55.35 3.98 -8.58	59.21 4.60 -5.17	54.35 4.58 0.00	44.91 3.63 0.00	41.30 2.92 0.00	37.81 2.37 0.00
E179THST_13_KV_LOAD 356214	40.08 2.07 -9.59	37.99 1.69 -11.87	36.61 1.73 -9.84	36.12 1.67 -9.97	36.81 1.59 -11.88	37.90 2.10 -1.35	50.00 3.37 -1.65	57.88 3.92 -9.39	57.70 4.81 0.00	56.07 4.77 0.01	53.02 4.51 0.01	51.49 4.60 0.01	50.43 4.37 -2.37	46.58 4.27 -0.06	45.27 3.71 -5.54	45.46 3.95 -2.04	46.33 3.56 -6.76	49.88 3.95 -6.06	55.52 4.15 -8.58	59.41 4.80 -5.17	54.59 4.83 0.00	45.07 3.80 0.00	41.46 3.07 0.00	37.95 2.52 0.00
EAST HAMPTON___GT 23717	39.63 1.62 -9.60	37.68 1.37 -11.88	36.09 1.20 -9.84	35.49 1.03 -9.97	36.58 1.35 -11.88	37.52 1.72 -1.35	50.32 3.69 -1.66	57.32 3.34 -9.40	56.55 3.65 -0.01	54.55 3.23 -0.01	50.86 2.33 -0.01	49.68 2.77 -0.01	49.05 2.97 -2.38	49.41 2.83 -4.32	43.82 2.23 -5.56	44.97 3.27 -2.23	45.26 2.48 -6.78	48.78 2.83 -6.08	54.76 3.38 -8.59	58.82 4.20 -5.18	53.21 3.43 -0.01	44.17 2.89 -0.01	41.31 2.92 -0.01	38.03 2.59 -0.01
EAST RIVER___6 23660	39.91 1.90 -9.59	37.92 1.61 -11.87	36.51 1.63 -9.84	36.03 1.57 -9.97	36.74 1.52 -11.87	37.94 2.14 -1.35	50.04 3.42 -1.65	57.88 3.92 -9.39	57.65 4.76 0.00	56.02 4.72 0.00	52.98 4.46 0.00	51.41 4.50 0.00	50.39 4.33 -2.37	46.55 4.23 -0.07	45.25 3.68 -5.55	45.42 3.91 -2.04	46.30 3.53 -6.77	49.85 3.91 -6.07	55.52 4.15 -8.58	59.46 4.85 -5.17	54.54 4.78 0.00	45.03 3.76 0.00	41.38 3.00 0.00	37.85 2.41 0.00
EAST RIVER___7 23524	39.91 1.90 -9.59	37.92 1.61 -11.87	36.51 1.63 -9.84	36.03 1.57 -9.97	36.74 1.52 -11.87	37.94 2.14 -1.35	50.04 3.42 -1.65	57.88 3.92 -9.39	57.65 4.76 0.00	56.02 4.72 0.00	52.98 4.46 0.00	51.41 4.50 0.00	50.39 4.33 -2.37	46.55 4.23 -0.07	45.25 3.68 -5.55	45.42 3.91 -2.04	46.30 3.53 -6.77	49.85 3.91 -6.07	55.52 4.15 -8.58	59.46 4.85 -5.17	54.54 4.78 0.00	45.03 3.76 0.00	41.38 3.00 0.00	37.85 2.41 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	39.69 1.70 -9.57	37.75 1.47 -11.84	36.34 1.48 -9.82	35.86 1.42 -9.95	36.58 1.38 -11.85	37.73 1.93 -1.35	49.73 3.10 -1.64	57.46 3.52 -9.37	57.12 4.23 0.00	55.51 4.21 0.00	52.50 3.98 0.00	50.94 4.03 0.00	49.90 3.85 -2.37	46.08 3.76 -0.07	44.80 3.24 -5.54	44.98 3.47 -2.03	45.85 3.10 -6.75	49.32 3.39 -6.05	55.03 3.68 -8.56	58.95 4.35 -5.16	54.00 4.23 0.00	44.66 3.38 0.00	41.11 2.73 0.00	37.60 2.16 0.00
EAST_HAMPTON___DIESEL 23722	39.58 1.56 -9.60	37.63 1.32 -11.88	36.04 1.15 -9.84	35.44 0.98 -9.97	36.53 1.31 -11.88	37.45 1.65 -1.35	50.23 3.60 -1.66	57.22 3.25 -9.40	56.44 3.54 -0.01	54.44 3.13 -0.01	50.71 2.19 -0.01	49.59 2.67 -0.01	48.91 2.84 -2.38	49.29 2.71 -4.32	43.74 2.16 -5.56	44.86 3.16 -2.23	45.19 2.41 -6.78	48.66 2.71 -6.08	54.63 3.25 -8.59	58.72 4.10 -5.18	53.06 3.28 -0.01	44.05 2.77 -0.01	41.19 2.80 -0.01	37.96 2.52 -0.01
EAST_POINT___SOLAR 323840	44.34 2.41 -13.52	43.19 2.03 -16.72	40.99 2.08 -13.87	40.60 2.06 -14.05	42.14 2.06 -16.73	39.52 3.17 -1.90	51.48 4.18 -2.32	61.90 4.10 -13.23	57.81 4.92 0.00	55.46 4.15 0.00	52.06 3.54 0.00	49.44 2.53 0.00	49.79 2.75 -3.34	44.93 2.58 -0.09	45.53 1.69 -7.82	44.35 2.01 -2.87	48.16 2.63 -9.53	52.09 3.67 -8.55	59.25 4.37 -12.09	61.77 5.05 -7.28	54.94 5.18 0.00	45.44 4.17 0.00	41.88 3.49 0.00	38.35 2.91 0.00
EAST_PULASKI___ESR 323781	28.77 -0.28 -0.65	25.00 -0.24 -0.80	25.43 -0.27 -0.67	24.89 -0.27 -0.67	23.92 -0.23 -0.80	34.26 -0.28 -0.09	44.64 -0.45 -0.11	44.53 -0.67 -0.63	51.99 -0.90 0.00	50.28 -1.03 0.00	47.55 -0.97 0.00	45.83 -1.08 0.00	42.85 -1.00 -0.16	41.29 -0.97 0.00	35.53 -0.86 -0.37	38.74 -0.87 -0.14	35.70 -0.76 -0.46	39.49 -0.80 -0.41	42.68 -0.69 -0.58	49.00 -0.79 -0.35	48.97 -0.80 0.00	40.66 -0.62 0.00	37.85 -0.54 0.00	34.94 -0.50 0.00
EAST_RIVER___1 323558	39.91 1.90 -9.59	37.89 1.59 -11.87	36.49 1.60 -9.84	36.03 1.57 -9.97	36.72 1.50 -11.87	37.90 2.10 -1.35	50.00 3.38 -1.65	57.88 3.92 -9.39	57.60 4.71 0.00	55.97 4.67 0.00	52.93 4.41 0.00	51.36 4.46 0.00	50.35 4.28 -2.37	46.51 4.18 -0.07	45.21 3.64 -5.55	45.38 3.87 -2.04	46.26 3.49 -6.76	49.77 3.83 -6.07	55.48 4.11 -8.58	59.41 4.79 -5.17	54.54 4.78 0.00	44.99 3.72 0.00	41.38 3.00 0.00	37.85 2.41 0.00
EAST_RIVER___2 323559	39.91 1.90 -9.59	37.92 1.61 -11.87	36.51 1.63 -9.84	36.03 1.57 -9.97	36.74 1.52 -11.87	37.94 2.14 -1.35	50.04 3.42 -1.65	57.88 3.92 -9.39	57.65 4.76 0.00	56.02 4.72 0.00	52.98 4.46 0.00	51.41 4.50 0.00	50.39 4.33 -2.37	46.55 4.23 -0.07	45.25 3.68 -5.55	45.42 3.91 -2.04	46.30 3.53 -6.77	49.85 3.91 -6.07	55.52 4.15 -8.58	59.46 4.85 -5.17	54.54 4.78 0.00	45.03 3.76 0.00	41.38 3.00 0.00	37.85 2.41 0.00
EAST___DELAWARE_HYD 23607	38.41 1.31 -8.69	36.33 1.15 -10.75	35.08 1.13 -8.91	34.59 1.08 -9.03	35.16 1.05 -10.75	37.12 1.45 -1.22	48.76 2.29 -1.49	55.66 2.58 -8.50	56.12 3.23 0.00	54.64 3.33 0.00	51.53 3.01 0.00	49.86 2.96 0.00	48.72 2.88 -2.15	45.15 2.83 -0.06	43.32 2.27 -5.02	43.69 2.37 -1.84	44.33 2.20 -6.13	47.88 2.51 -5.49	53.30 2.74 -7.77	57.53 3.41 -4.68	52.95 3.19 0.00	43.83 2.56 0.00	40.42 2.03 0.00	37.21 1.77 0.00
EIGHT_POINT___WT_PWR 323820	28.03 -2.41 -2.03	24.87 -2.08 -2.51	24.90 -2.23 -2.08	24.71 -1.89 -2.11	24.39 -1.47 -2.52	32.70 -2.03 -0.29	42.67 -2.65 -0.35	41.21 -2.59 0.78	56.77 -3.17 -7.05	55.40 -3.28 -7.38	49.20 -3.25 -3.93	45.71 -3.28 -2.08	48.19 -3.15 -7.65	46.57 -3.04 -7.36	36.38 -2.63 -2.98	45.32 -2.84 -8.69	37.46 -2.77 -4.23	37.24 -2.95 -0.32	41.91 -2.69 -1.82	47.67 -2.87 -1.09	47.03 -2.74 0.00	39.54 -1.73 0.00	37.19 -1.19 0.00	34.52 -0.92 0.00
ELBRIDGE_115KV_TB2 80188	29.36 -0.03 -0.98	25.62 -0.02 -1.21	25.99 -0.05 -1.00	25.46 -0.05 -1.02	24.56 0.00 -1.21	34.59 0.00 -0.14	45.01 -0.13 -0.17	45.21 -0.31 -0.95	52.52 -0.37 0.00	50.89 -0.41 0.00	48.13 -0.39 0.00	46.53 -0.38 0.00	43.50 -0.44 -0.24	41.93 -0.34 -0.01	36.30 -0.29 -0.56	39.40 -0.28 -0.21	36.41 -0.29 -0.69	40.17 -0.32 -0.62	43.41 -0.26 -0.87	49.73 -0.25 -0.53	49.42 -0.35 0.00	41.03 -0.25 0.00	38.27 -0.12 0.00	35.33 -0.11 0.00
ELEC_TRO_TEK 24086	40.09 2.07 -9.61	38.13 1.81 -11.89	36.61 1.73 -9.84	36.05 1.59 -9.97	36.91 1.68 -11.88	38.18 2.38 -1.35	50.33 3.69 -1.66	57.95 3.97 -9.41	57.56 4.65 -0.02	55.89 4.57 -0.02	52.76 4.22 -0.02	51.14 4.22 -0.02	50.14 4.06 -2.39	53.80 3.93 -7.62	45.05 3.46 -5.56	45.60 3.75 -2.37	46.17 3.38 -6.78	49.66 3.71 -6.08	55.37 3.98 -8.60	59.28 4.65 -5.18	54.51 4.73 -0.02	45.13 3.84 -0.02	41.59 3.19 -0.02	38.18 2.73 -0.02

ELLENBURG_WT_PWR 323604	27.33 -1.08 0.00	23.53 -0.90 0.00	24.31 -0.73 0.00	23.83 -0.66 0.00	22.53 -0.82 0.00	33.38 -1.07 0.00	43.36 -1.62 0.00	42.92 -1.65 0.00	50.77 -2.12 0.00	49.41 -1.90 0.00	46.68 -1.84 0.00	45.12 -1.78 0.00	42.08 -1.62 0.00	40.65 -1.61 0.00	34.80 -1.22 0.00	38.25 -1.22 0.00	34.85 -1.15 0.00	38.44 -1.43 0.00	41.08 -1.71 0.00	47.42 -2.03 0.00	47.93 -1.84 0.00	39.75 -1.53 0.00	37.12 -1.27 0.00	34.41 -1.03 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	27.81 -2.07 -1.47	24.52 -1.74 -1.82	24.62 -1.93 -1.51	24.06 -1.96 -1.53	23.61 -1.56 -1.82	32.04 -2.62 -0.21	41.18 -4.05 -0.25	40.80 -4.23 -0.46	43.13 -5.18 4.58	41.37 -5.13 4.80	41.38 -4.61 2.53	41.13 -4.46 1.32	34.41 -4.28 5.00	33.59 -3.89 4.78	30.71 -3.35 1.97	30.04 -3.75 5.68	30.43 -3.46 2.12	35.95 -3.91 0.01	40.21 -3.89 -1.32	45.74 -4.50 -0.79	45.14 -4.63 0.00	38.55 -2.72 0.00	36.35 -2.03 0.00	33.70 -1.74 0.00
EMPIRE_CC_1 323656	40.77 1.08 -11.28	39.35 0.95 -13.96	37.59 0.98 -11.57	37.20 0.98 -11.73	38.25 0.93 -13.97	37.42 1.38 -1.59	48.76 1.84 -1.94	57.88 2.27 -11.04	55.33 2.43 0.00	53.61 2.31 0.00	50.70 2.19 0.00	49.06 2.16 0.00	48.54 2.05 -2.79	44.32 1.99 -0.08	44.28 1.73 -6.52	43.68 1.82 -2.39	45.58 1.62 -7.96	48.92 1.91 -7.14	54.76 1.88 -10.09	57.60 2.08 -6.08	51.95 2.19 0.00	43.01 1.73 0.00	39.76 1.38 0.00	36.64 1.21 0.00
EMPIRE_CC_2 323658	40.77 1.08 -11.28	39.35 0.95 -13.96	37.59 0.98 -11.57	37.20 0.98 -11.73	38.25 0.93 -13.97	37.42 1.38 -1.59	48.76 1.84 -1.94	57.88 2.27 -11.04	55.33 2.43 0.00	53.61 2.31 0.00	50.70 2.19 0.00	49.06 2.16 0.00	48.54 2.05 -2.79	44.32 1.99 -0.08	44.28 1.73 -6.52	43.68 1.82 -2.39	45.58 1.62 -7.96	48.92 1.91 -7.14	54.76 1.88 -10.09	57.60 2.08 -6.08	51.95 2.19 0.00	43.01 1.73 0.00	39.76 1.38 0.00	36.64 1.21 0.00
ENORWICH_115KV_TB1 80156	32.62 1.34 -2.88	29.15 1.15 -3.56	29.15 1.15 -2.95	28.61 1.13 -2.99	27.96 1.05 -3.56	36.58 1.72 -0.41	47.86 2.38 -0.49	51.48 2.54 -4.37	61.11 3.17 -5.04	59.10 2.51 -5.28	53.53 2.23 -2.78	50.08 1.74 -1.44	51.92 1.49 -6.74	48.99 1.44 -5.30	42.01 0.94 -5.05	47.78 0.99 -7.31	42.97 1.22 -5.74	44.48 1.48 -3.13	47.46 2.10 -2.58	53.22 2.23 -1.55	52.06 2.29 0.00	43.42 2.15 0.00	40.46 2.07 0.00	37.25 1.81 0.00
ERIE_ST__34_KV_TB1-2 80199	27.60 -2.36 -1.54	24.34 -2.00 -1.91	24.42 -2.20 -1.58	23.86 -2.23 -1.60	23.44 -1.82 -1.91	31.70 -2.96 -0.22	40.88 -4.36 -0.27	40.49 -4.55 -0.47	43.36 -5.18 4.35	41.77 -4.98 4.56	41.51 -4.61 2.40	41.20 -4.46 1.25	34.85 -4.11 4.74	33.79 -3.93 4.54	30.71 -3.46 1.85	30.30 -3.79 5.39	30.52 -3.49 1.99	35.90 -3.99 -0.01	40.02 -4.15 -1.38	45.53 -4.75 -0.83	44.99 -4.78 0.00	38.84 -2.44 0.00	36.54 -1.84 0.00	33.95 -1.49 0.00
ERIE_WT_PWR 323693	27.79 -2.13 -1.51	24.53 -1.78 -1.87	24.61 -1.98 -1.55	24.10 -1.96 -1.57	23.61 -1.61 -1.87	31.97 -2.69 -0.21	41.19 -4.05 -0.26	40.80 -4.24 -0.46	43.22 -5.24 4.44	41.52 -5.13 4.65	41.50 -4.56 2.45	41.22 -4.41 1.27	34.57 -4.28 4.84	33.70 -3.93 4.63	30.81 -3.31 1.90	30.26 -3.71 5.50	30.51 -3.46 2.04	36.01 -3.87 0.00	40.21 -3.94 -1.35	45.71 -4.55 -0.81	45.54 -4.23 0.00	38.84 -2.44 0.00	36.50 -1.88 0.00	33.84 -1.59 0.00
ESPRGFLD_115KV_TB1 80157	29.44 1.73 0.70	25.04 1.47 0.86	25.80 1.48 0.72	25.21 1.44 0.73	23.93 1.45 0.87	36.59 2.24 0.10	47.92 3.06 0.12	47.15 3.25 0.68	56.86 3.97 0.00	54.89 3.59 0.00	51.77 3.25 0.00	49.72 2.81 0.00	46.23 2.71 0.17	44.87 2.62 0.00	37.64 2.02 0.40	41.50 2.17 0.15	37.74 2.23 0.49	42.10 2.67 0.44	45.29 3.12 0.63	52.58 3.51 0.38	53.35 3.58 0.00	44.29 3.01 0.00	40.96 2.57 0.00	37.57 2.13 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	31.00 0.51 -2.08	27.43 0.42 -2.57	27.57 0.40 -2.13	27.04 0.39 -2.16	26.34 0.42 -2.57	35.40 0.65 -0.29	46.19 0.85 -0.36	50.98 0.85 -5.56	64.72 1.00 -10.82	63.42 0.77 -11.34	55.12 0.63 -5.97	50.51 0.52 -3.09	57.59 0.39 -13.50	54.03 0.42 -11.35	44.93 0.32 -8.58	54.71 0.36 -14.88	46.58 0.36 -10.22	44.86 0.48 -4.51	45.38 0.73 -1.86	51.46 0.89 -1.12	50.56 0.80 0.00	42.02 0.74 0.00	39.11 0.73 0.00	36.08 0.64 0.00
ETNA____115KV_TB2 80207	31.00 0.51 -2.08	27.43 0.42 -2.57	27.57 0.40 -2.13	27.04 0.39 -2.16	26.34 0.42 -2.57	35.40 0.65 -0.29	46.19 0.85 -0.36	50.98 0.85 -5.56	64.72 1.00 -10.82	63.42 0.77 -11.34	55.12 0.63 -5.97	50.51 0.52 -3.09	57.59 0.39 -13.50	54.03 0.42 -11.35	44.93 0.32 -8.58	54.71 0.36 -14.88	46.58 0.36 -10.22	44.86 0.48 -4.51	45.38 0.73 -1.86	51.46 0.89 -1.12	50.56 0.80 0.00	42.02 0.74 0.00	39.11 0.73 0.00	36.08 0.64 0.00
EUCLID____115KV_TB2 356179	29.00 -0.17 -0.76	25.23 -0.15 -0.94	25.65 -0.18 -0.78	25.11 -0.17 -0.79	24.18 -0.12 -0.94	34.38 -0.17 -0.11	44.79 -0.31 -0.13	44.78 -0.53 -0.74	52.20 -0.69 0.00	50.64 -0.67 0.00	47.89 -0.63 0.00	46.30 -0.61 0.00	43.27 -0.61 -0.19	41.76 -0.51 -0.01	36.03 -0.43 -0.44	39.20 -0.43 -0.16	36.15 -0.40 -0.54	39.87 -0.48 -0.48	43.00 -0.47 -0.68	49.36 -0.49 -0.41	49.17 -0.60 0.00	40.82 -0.45 0.00	38.04 -0.35 0.00	35.16 -0.28 0.00
E_CANADA_CAP_HY 24051	44.67 2.16 -14.10	43.69 1.81 -17.44	41.36 1.85 -14.47	40.96 1.81 -14.66	42.60 1.80 -17.45	39.22 2.79 -1.99	51.18 3.78 -2.42	62.25 3.88 -13.80	57.55 4.66 0.00	55.51 4.21 0.00	52.20 3.69 0.00	50.05 3.14 0.00	50.19 3.01 -3.48	45.27 2.91 -0.10	46.41 2.23 -8.15	44.91 2.45 -2.99	48.58 2.63 -9.94	52.14 3.35 -8.92	59.29 3.89 -12.61	61.49 4.45 -7.59	54.40 4.63 0.00	44.99 3.72 0.00	41.49 3.11 0.00	38.02 2.59 0.00
E_CANADA_MHWK_HY 24050	26.39 -2.02 0.00	22.68 -1.76 0.00	23.26 -1.78 0.00	22.75 -1.74 0.00	21.71 -1.64 0.00	32.17 -2.27 0.00	42.19 -2.79 0.00	42.03 -2.54 0.00	50.09 -2.80 0.00	48.63 -2.67 0.00	46.24 -2.28 0.00	44.80 -2.11 0.00	41.68 -2.01 0.00	40.10 -2.15 0.00	33.86 -2.16 0.00	36.95 -2.53 0.00	33.74 -2.27 0.00	37.20 -2.67 0.00	40.01 -2.78 0.00	46.03 -3.41 0.00	46.43 -3.33 0.00	38.51 -2.76 0.00	35.77 -2.61 0.00	32.99 -2.44 0.00
E_FISHKILL____LBMP 23776	39.66 1.51 -9.74	37.79 1.30 -12.05	36.34 1.30 -10.00	35.89 1.27 -10.13	36.65 1.24 -12.06	37.54 1.72 -1.37	49.35 2.70 -1.67	57.18 3.08 -9.54	56.59 3.70 0.00	54.95 3.64 0.00	51.96 3.44 0.00	50.38 3.47 0.00	49.47 3.36 -2.41	45.58 3.25 -0.07	44.47 2.81 -5.63	44.54 3.00 -2.07	45.54 2.66 -6.87	48.95 2.91 -6.16	54.67 3.17 -8.71	58.40 3.71 -5.25	53.40 3.63 0.00	44.20 2.93 0.00	40.73 2.34 0.00	37.32 1.88 0.00
FALCON____SEABRD_CC1 323796	27.53 -0.88 0.00	23.70 -0.73 0.00	24.49 -0.55 0.00	24.00 -0.49 0.00	22.70 -0.65 0.00	33.66 -0.79 0.00	43.45 -1.53 0.00	43.10 -1.47 0.00	51.04 -1.85 0.00	49.87 -1.44 0.00	47.11 -1.41 0.00	45.54 -1.36 0.00	42.52 -1.18 0.00	41.07 -1.18 0.00	35.13 -0.90 0.00	38.64 -0.83 0.00	35.18 -0.83 0.00	38.84 -1.04 0.00	41.51 -1.28 0.00	47.91 -1.53 0.00	48.43 -1.34 0.00	40.16 -1.11 0.00	37.54 -0.84 0.00	34.76 -0.67 0.00

FALCON___SEABRD_CC2 323797	27.53 -0.88 0.00	23.70 -0.73 0.00	24.49 -0.55 0.00	24.00 -0.49 0.00	22.70 -0.65 0.00	33.66 -0.79 0.00	43.45 -1.53 0.00	43.10 -1.47 0.00	51.04 -1.85 0.00	49.87 -1.44 0.00	47.11 -1.41 0.00	45.54 -1.36 0.00	42.52 -1.18 0.00	41.07 -1.18 0.00	35.13 -0.90 0.00	38.64 -0.83 0.00	35.18 -0.83 0.00	38.84 -1.04 0.00	41.51 -1.28 0.00	47.91 -1.53 0.00	48.43 -1.34 0.00	40.16 -1.11 0.00	37.54 -0.84 0.00	34.76 -0.67 0.00
FAR ROCKAWAY___4 23548	40.46 2.44 -9.61	38.42 2.10 -11.88	36.89 2.00 -9.84	36.32 1.86 -9.97	37.16 1.94 -11.88	38.56 2.76 -1.35	50.82 4.18 -1.66	58.48 4.50 -9.41	58.25 5.34 -0.01	56.55 5.23 -0.01	53.38 4.85 -0.01	51.75 4.83 -0.01	50.71 4.63 -2.39	53.72 4.48 -6.98	45.55 3.96 -5.56	46.04 4.22 -2.34	46.64 3.85 -6.78	50.18 4.23 -6.08	55.88 4.49 -8.60	59.87 5.24 -5.18	55.11 5.33 -0.01	45.66 4.38 -0.01	42.05 3.65 -0.01	38.57 3.12 -0.01
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	39.88 1.88 -9.59	37.89 1.59 -11.87	36.48 1.60 -9.84	36.00 1.54 -9.97	36.72 1.49 -11.87	37.90 2.10 -1.35	50.00 3.37 -1.65	57.84 3.88 -9.39	57.55 4.65 0.00	55.92 4.62 0.00	52.89 4.37 0.00	51.36 4.46 0.00	50.30 4.24 -2.37	46.46 4.14 -0.07	45.17 3.60 -5.55	45.34 3.83 -2.04	46.23 3.46 -6.77	49.77 3.83 -6.07	55.43 4.06 -8.58	59.36 4.75 -5.17	54.44 4.68 0.00	44.99 3.71 0.00	41.34 2.96 0.00	37.81 2.37 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	39.91 1.90 -9.59	37.89 1.59 -11.87	36.48 1.60 -9.84	36.00 1.54 -9.97	36.72 1.49 -11.87	37.90 2.10 -1.35	50.00 3.37 -1.65	57.84 3.88 -9.39	57.55 4.65 0.00	55.92 4.62 0.00	52.89 4.37 0.00	51.31 4.41 0.00	50.30 4.24 -2.37	46.46 4.14 -0.07	45.17 3.60 -5.55	45.34 3.83 -2.04	46.23 3.46 -6.77	49.77 3.83 -6.07	55.43 4.06 -8.58	59.36 4.75 -5.17	54.44 4.68 0.00	45.03 3.76 0.00	41.38 2.99 0.00	37.81 2.37 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	39.88 1.88 -9.59	37.87 1.56 -11.87	36.48 1.60 -9.84	36.00 1.54 -9.97	36.72 1.49 -11.87	37.87 2.07 -1.35	49.95 3.33 -1.65	57.84 3.88 -9.39	57.55 4.65 0.00	55.87 4.57 0.00	52.84 4.32 0.00	51.31 4.41 0.00	50.30 4.24 -2.37	46.42 4.10 -0.07	45.17 3.60 -5.55	45.34 3.83 -2.04	46.19 3.42 -6.77	49.73 3.79 -6.07	55.39 4.02 -8.58	59.31 4.70 -5.17	54.44 4.68 0.00	44.99 3.71 0.00	41.34 2.96 0.00	37.78 2.34 0.00
FARRAGUT___LBMP 323566	39.85 1.85 -9.59	37.87 1.56 -11.87	36.46 1.58 -9.84	35.98 1.52 -9.97	36.70 1.47 -11.87	37.87 2.07 -1.35	49.95 3.33 -1.65	57.79 3.83 -9.39	57.49 4.60 0.00	55.87 4.57 0.00	52.84 4.32 0.00	51.27 4.36 0.00	50.26 4.19 -2.37	46.42 4.10 -0.07	45.14 3.57 -5.55	45.30 3.79 -2.04	46.19 3.42 -6.77	49.69 3.75 -6.07	55.39 4.02 -8.58	59.31 4.70 -5.17	54.39 4.63 0.00	44.95 3.67 0.00	41.30 2.92 0.00	37.78 2.34 0.00
FENNER___WINDPWR 24204	30.08 0.57 -1.11	26.27 0.46 -1.37	26.62 0.45 -1.13	26.08 0.44 -1.15	25.16 0.44 -1.37	35.33 0.72 -0.16	46.11 0.95 -0.19	47.32 0.98 -1.77	55.93 1.22 -1.82	54.29 1.08 -1.91	50.49 0.97 -1.01	48.22 0.80 -0.52	46.88 0.70 -2.49	44.89 0.72 -1.92	38.47 0.50 -1.94	42.64 0.48 -2.69	38.82 0.50 -2.31	41.72 0.56 -1.29	44.55 0.77 -0.99	50.83 0.79 -0.60	50.61 0.85 0.00	42.02 0.74 0.00	39.11 0.73 0.00	36.04 0.60 0.00
FIBERTEK___ENERGY 23856	29.47 0.14 -0.92	25.70 0.12 -1.14	26.08 0.10 -0.94	25.54 0.10 -0.96	24.63 0.14 -1.14	34.79 0.21 -0.13	45.32 0.18 -0.16	45.47 0.00 -0.90	52.89 0.00 0.00	51.30 0.00 0.00	48.52 0.00 0.00	46.86 -0.05 0.00	43.83 -0.09 -0.23	42.26 0.00 -0.01	36.56 0.00 -0.53	39.71 0.04 -0.19	36.65 0.00 -0.65	40.41 -0.04 -0.58	43.66 0.04 -0.82	49.99 0.05 -0.50	49.72 -0.05 0.00	41.23 -0.04 0.00	38.46 0.08 0.00	35.55 0.11 0.00
FITZPATRICK____ 23598	28.42 -0.51 -0.52	24.65 -0.44 -0.65	25.10 -0.48 -0.54	24.57 -0.47 -0.54	23.58 -0.42 -0.65	33.90 -0.62 -0.07	44.12 -0.95 -0.09	43.92 -1.16 -0.51	51.41 -1.48 0.00	49.87 -1.44 0.00	47.16 -1.36 0.00	45.59 -1.31 0.00	42.55 -1.27 -0.13	41.12 -1.14 0.00	35.35 -0.97 -0.30	38.56 -1.03 -0.11	35.44 -0.94 -0.37	39.17 -1.04 -0.33	42.19 -1.07 -0.47	48.49 -1.23 -0.28	48.47 -1.29 0.00	40.24 -1.03 0.00	37.54 -0.84 0.00	34.73 -0.71 0.00
FLOWRFLD_69_KV_BK1 356044	40.23 2.22 -9.60	38.20 1.88 -11.88	36.64 1.75 -9.84	36.05 1.59 -9.97	37.02 1.80 -11.88	38.28 2.48 -1.35	50.91 4.27 -1.66	58.12 4.15 -9.40	57.66 4.76 -0.01	55.83 4.51 -0.01	52.65 4.12 -0.01	51.14 4.22 -0.01	50.27 4.19 -2.38	50.67 4.06 -4.35	44.97 3.39 -5.56	45.89 4.18 -2.23	46.31 3.53 -6.78	49.86 3.91 -6.08	55.87 4.49 -8.59	59.96 5.34 -5.18	54.85 5.08 -0.01	45.58 4.29 -0.01	42.27 3.88 -0.01	38.64 3.19 -0.01
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	39.64 1.68 -9.55	37.72 1.47 -11.81	36.29 1.45 -9.80	35.81 1.40 -9.93	36.52 1.35 -11.82	37.72 1.93 -1.34	49.54 2.92 -1.64	57.22 3.30 -9.35	56.91 4.02 0.00	55.36 4.05 0.00	52.30 3.78 0.00	50.70 3.80 0.00	49.77 3.71 -2.36	45.91 3.59 -0.07	44.54 2.99 -5.52	44.70 3.20 -2.03	45.62 2.88 -6.73	49.06 3.15 -6.04	54.80 3.47 -8.54	58.79 4.20 -5.14	53.80 4.03 0.00	44.49 3.22 0.00	40.96 2.57 0.00	37.60 2.16 0.00
FORT ORANGE____ 23900	40.99 0.88 -11.70	39.69 0.78 -14.47	37.84 0.80 -12.00	37.43 0.78 -12.16	38.58 0.75 -14.48	37.23 1.14 -1.65	48.47 1.48 -2.01	57.80 1.78 -11.45	55.06 2.17 0.00	53.41 2.10 0.00	50.46 1.94 0.00	48.83 1.92 0.00	48.29 1.70 -2.89	43.98 1.65 -0.08	44.19 1.40 -6.76	43.45 1.50 -2.48	45.62 1.37 -8.25	48.82 1.55 -7.40	54.92 1.67 -10.46	57.73 1.98 -6.30	51.86 2.09 0.00	42.93 1.65 0.00	39.69 1.31 0.00	36.71 1.27 0.00
FORT_DRUM_COGEN 23780	28.63 -0.23 -0.45	24.77 -0.22 -0.55	25.27 -0.23 -0.46	24.75 -0.20 -0.46	23.67 -0.23 -0.55	34.37 -0.14 -0.06	44.83 -0.22 -0.08	44.68 -0.31 -0.42	52.31 -0.58 0.00	50.38 -0.92 0.00	47.60 -0.92 0.00	45.64 -1.27 0.00	42.58 -1.22 -0.11	40.99 -1.27 0.00	35.05 -1.22 -0.25	38.26 -1.30 -0.09	35.31 -1.01 -0.31	39.12 -1.04 -0.28	42.50 -0.68 -0.40	48.80 -0.89 -0.24	49.12 -0.65 0.00	40.82 -0.45 0.00	37.92 -0.46 0.00	34.91 -0.53 0.00
FOX_HILLS___ESR 323835	54.53 2.19 -23.93	53.85 1.81 -27.61	53.85 1.85 -26.96	36.25 1.79 -9.97	36.93 1.70 -11.88	38.18 2.38 -1.35	53.87 3.69 -5.20	58.11 4.15 -9.40	58.89 5.02 -0.98	59.11 5.03 -2.77	58.59 4.80 -5.27	57.38 4.83 -5.65	58.47 4.59 -10.19	56.10 4.52 -9.32	57.90 3.89 -17.99	56.10 4.18 -12.44	58.03 3.78 -18.24	89.01 4.11 -45.03	58.51 4.41 -11.32	96.87 5.04 -42.39	96.91 5.08 -42.07	58.46 4.04 -13.14	55.58 3.34 -13.86	54.50 2.69 -16.37
FPL FAR_ROCK_GT1 24212	40.46 2.44 -9.61	38.42 2.10 -11.88	36.89 2.00 -9.84	36.32 1.86 -9.97	37.16 1.94 -11.88	38.56 2.76 -1.35	50.82 4.18 -1.66	58.48 4.50 -9.41	58.25 5.34 -0.01	56.50 5.18 -0.01	53.38 4.85 -0.01	51.75 4.83 -0.01	50.67 4.59 -2.39	53.72 4.48 -6.98	45.55 3.96 -5.56	46.00 4.18 -2.34	46.64 3.85 -6.78	50.18 4.22 -6.08	55.92 4.53 -8.60	59.92 5.29 -5.18	55.16 5.38 -0.01	45.62 4.33 -0.01	42.05 3.65 -0.01	38.57 3.12 -0.01

FPL FAR_ROCK_GT2 23815	40.46 2.44 -9.61	38.42 2.10 -11.88	36.89 2.00 -9.84	36.32 1.86 -9.97	37.16 1.94 -11.88	38.56 2.76 -1.35	50.82 4.18 -1.66	58.48 4.50 -9.41	58.25 5.34 -0.01	56.50 5.18 -0.01	53.38 4.85 -0.01	51.75 4.83 -0.01	50.67 4.59 -2.39	53.72 4.48 -6.98	45.55 3.96 -5.56	46.00 4.18 -2.34	46.64 3.85 -6.78	50.18 4.22 -6.08	55.92 4.53 -8.60	59.92 5.29 -5.18	55.16 5.38 -0.01	45.62 4.33 -0.01	42.05 3.65 -0.01	38.57 3.12 -0.01
FRANKLIN_FALL_HYD 24054	27.53 -0.88 0.00	23.68 -0.76 0.00	24.46 -0.58 0.00	23.97 -0.51 0.00	22.65 -0.70 0.00	33.59 -0.86 0.00	43.76 -1.21 0.00	43.37 -1.20 0.00	51.36 -1.53 0.00	49.82 -1.49 0.00	47.06 -1.46 0.00	45.45 -1.45 0.00	42.43 -1.27 0.00	40.91 -1.35 0.00	34.94 -1.08 0.00	38.41 -1.07 0.00	35.00 -1.01 0.00	38.68 -1.20 0.00	41.38 -1.41 0.00	47.81 -1.63 0.00	48.42 -1.34 0.00	40.12 -1.16 0.00	37.46 -0.92 0.00	34.69 -0.74 0.00
FREEPORT_EQUS_GT1 23764	40.29 2.27 -9.61	38.27 1.96 -11.88	36.74 1.85 -9.84	36.17 1.71 -9.97	37.02 1.80 -11.88	38.38 2.58 -1.35	50.64 4.00 -1.66	58.21 4.24 -9.40	57.87 4.97 -0.01	56.14 4.82 -0.01	52.99 4.46 -0.01	51.42 4.50 -0.01	50.40 4.33 -2.38	52.25 4.18 -5.81	45.26 3.68 -5.56	45.75 3.99 -2.29	46.38 3.60 -6.78	49.94 3.99 -6.08	55.70 4.32 -8.59	59.67 5.05 -5.18	54.86 5.08 -0.01	45.41 4.13 -0.01	41.89 3.49 -0.01	38.43 2.98 -0.01
FREEPORT___CT2 23818	40.29 2.27 -9.61	38.27 1.96 -11.88	36.74 1.85 -9.84	36.17 1.71 -9.97	37.02 1.80 -11.88	38.38 2.58 -1.35	50.64 4.00 -1.66	58.21 4.24 -9.40	57.87 4.97 -0.01	56.14 4.82 -0.01	52.99 4.46 -0.01	51.42 4.50 -0.01	50.40 4.33 -2.38	52.25 4.18 -5.81	45.26 3.68 -5.56	45.75 3.99 -2.29	46.38 3.60 -6.78	49.94 3.99 -6.08	55.70 4.32 -8.59	59.67 5.05 -5.18	54.86 5.08 -0.01	45.41 4.13 -0.01	41.89 3.49 -0.01	38.43 2.98 -0.01
FRESHKLS_33_KV_LOAD 356253	54.53 2.19 -23.93	53.85 1.81 -27.61	53.85 1.85 -26.96	36.25 1.79 -9.97	36.95 1.73 -11.88	38.18 2.38 -1.35	53.87 3.69 -5.20	58.07 4.10 -9.40	58.84 4.97 -0.98	59.00 4.93 -2.77	58.55 4.75 -5.27	57.33 4.78 -5.65	58.38 4.50 -10.19	56.01 4.44 -9.32	57.83 3.82 -17.99	56.10 4.18 -12.44	57.99 3.74 -18.24	59.13 4.03 -15.23	58.47 4.36 -11.32	59.57 4.94 -5.18	62.66 5.03 -7.87	58.46 4.04 -13.14	55.54 3.30 -13.86	54.50 2.69 -16.37
FULTON COGEN____ 23766	28.89 -0.23 -0.71	25.10 -0.22 -0.88	25.52 -0.25 -0.73	24.98 -0.24 -0.74	24.04 -0.19 -0.88	34.27 -0.28 -0.10	44.65 -0.45 -0.12	44.55 -0.71 -0.69	51.99 -0.90 0.00	50.43 -0.87 0.00	47.69 -0.82 0.00	46.11 -0.80 0.00	43.08 -0.79 -0.18	41.54 -0.72 0.00	35.86 -0.58 -0.41	39.03 -0.59 -0.15	35.93 -0.58 -0.50	39.68 -0.64 -0.45	42.83 -0.60 -0.64	49.14 -0.69 -0.38	49.02 -0.75 0.00	40.65 -0.62 0.00	37.89 -0.50 0.00	35.01 -0.43 0.00
FULTON___LFGE 323630	43.97 2.19 -13.37	42.83 1.86 -16.54	40.64 1.88 -13.72	40.25 1.86 -13.90	41.74 1.84 -16.55	39.19 2.86 -1.88	51.10 3.82 -2.30	61.58 3.92 -13.09	57.65 4.76 0.00	55.61 4.31 0.00	52.35 3.83 0.00	50.28 3.38 0.00	50.15 3.15 -3.30	45.43 3.08 -0.09	46.17 2.41 -7.73	44.92 2.60 -2.84	48.24 2.81 -9.43	51.76 3.43 -8.46	58.73 3.98 -11.96	61.19 4.55 -7.20	54.44 4.68 0.00	45.03 3.76 0.00	41.53 3.15 0.00	38.06 2.62 0.00
G.F.CEMENT___DRP 24184	42.69 2.10 -12.18	41.29 1.78 -15.07	39.37 1.83 -12.50	38.94 1.79 -12.66	40.20 1.77 -15.08	38.89 2.72 -1.72	50.76 3.69 -2.09	60.41 3.92 -11.92	57.86 4.97 0.00	56.13 4.82 0.00	52.98 4.46 0.00	51.17 4.27 0.00	50.46 3.76 -3.01	45.93 3.59 -0.08	46.02 2.95 -7.04	45.18 3.12 -2.58	47.69 3.10 -8.59	51.05 3.47 -7.70	57.49 3.81 -10.90	60.41 4.40 -6.56	54.25 4.48 0.00	44.86 3.59 0.00	41.30 2.92 0.00	37.85 2.41 0.00
GARDENVILLE___LBMP 24039	27.80 -2.10 -1.49	24.50 -1.78 -1.85	24.59 -1.98 -1.53	24.06 -1.98 -1.55	23.59 -1.61 -1.85	31.97 -2.69 -0.21	41.14 -4.09 -0.26	40.75 -4.28 -0.46	43.20 -5.18 4.51	41.45 -5.13 4.72	41.37 -4.66 2.49	41.16 -4.46 1.29	34.50 -4.28 4.92	33.67 -3.89 4.70	30.71 -3.39 1.93	30.10 -3.79 5.59	30.47 -3.46 2.08	35.96 -3.91 0.00	40.19 -3.94 -1.34	45.75 -4.50 -0.80	45.14 -4.63 0.00	38.63 -2.64 0.00	36.43 -1.96 0.00	33.81 -1.63 0.00
GARDNVLA_35_KV_LD 355827	27.89 -2.05 -1.52	24.59 -1.74 -1.88	24.67 -1.93 -1.56	24.11 -1.96 -1.58	23.67 -1.56 -1.88	32.05 -2.62 -0.21	41.28 -3.96 -0.26	40.89 -4.15 -0.46	43.52 -4.97 4.40	41.82 -4.87 4.61	41.67 -4.42 2.43	41.42 -4.22 1.26	34.83 -4.06 4.80	33.99 -3.68 4.60	30.94 -3.21 1.88	30.43 -3.59 5.46	30.67 -3.31 2.02	36.09 -3.79 0.00	40.34 -3.81 -1.36	45.87 -4.40 -0.82	45.29 -4.48 0.00	38.84 -2.44 0.00	36.62 -1.77 0.00	33.95 -1.49 0.00
GELCKHM___115KV_LOAD 80723	29.17 -0.06 -0.82	25.40 -0.05 -1.01	25.78 -0.10 -0.84	25.24 -0.10 -0.85	24.34 -0.02 -1.01	34.50 -0.07 -0.12	44.94 -0.18 -0.14	45.01 -0.36 -0.80	52.42 -0.48 0.00	50.84 -0.46 0.00	48.13 -0.39 0.00	46.48 -0.42 0.00	43.46 -0.44 -0.20	41.92 -0.34 -0.01	36.21 -0.29 -0.47	39.37 -0.28 -0.17	36.29 -0.29 -0.58	40.07 -0.32 -0.52	43.22 -0.30 -0.73	49.54 -0.35 -0.44	49.37 -0.40 0.00	40.94 -0.33 0.00	38.19 -0.19 0.00	35.30 -0.14 0.00
GENERAL___MILLS 23808	27.82 -2.10 -1.51	24.52 -1.78 -1.87	24.61 -1.98 -1.55	24.08 -1.98 -1.57	23.61 -1.61 -1.87	31.97 -2.69 -0.21	41.15 -4.09 -0.26	40.80 -4.23 -0.46	43.38 -5.08 4.44	41.63 -5.03 4.65	41.51 -4.56 2.45	41.27 -4.36 1.27	34.66 -4.19 4.84	33.82 -3.80 4.63	30.81 -3.31 1.90	30.26 -3.71 5.50	30.55 -3.42 2.04	36.01 -3.87 0.00	40.25 -3.89 -1.35	45.76 -4.50 -0.81	45.14 -4.63 0.00	38.72 -2.56 0.00	36.50 -1.88 0.00	33.88 -1.56 0.00
GE_PLASTICS___DRP 24183	40.93 0.85 -11.67	39.63 0.76 -14.44	37.79 0.78 -11.97	37.38 0.76 -12.13	38.52 0.72 -14.44	37.16 1.07 -1.64	48.42 1.44 -2.00	57.73 1.74 -11.42	54.95 2.06 0.00	53.36 2.05 0.00	50.41 1.89 0.00	48.83 1.92 0.00	48.32 1.75 -2.88	44.11 1.77 -0.08	44.25 1.48 -6.75	43.49 1.54 -2.47	45.64 1.40 -8.23	48.81 1.56 -7.38	54.89 1.67 -10.44	57.66 1.93 -6.28	51.76 1.99 0.00	42.84 1.57 0.00	39.61 1.23 0.00	36.61 1.17 0.00
GILBOA___1 23756	38.52 0.94 -9.18	36.59 0.81 -11.35	35.26 0.80 -9.41	34.81 0.78 -9.54	35.48 0.77 -11.36	36.84 1.10 -1.29	48.17 1.62 -1.58	55.43 1.87 -8.98	55.01 2.12 0.00	53.46 2.15 0.00	50.56 2.04 0.00	48.92 2.02 0.00	47.88 1.92 -2.27	44.22 1.90 -0.06	42.95 1.62 -5.31	43.12 1.70 -1.95	44.02 1.55 -6.47	47.35 1.67 -5.80	52.84 1.84 -8.21	56.46 2.08 -4.94	51.91 2.14 0.00	42.97 1.69 0.00	39.76 1.38 0.00	36.57 1.13 0.00
GILBOA___2 23757	38.52 0.94 -9.18	36.59 0.81 -11.35	35.26 0.80 -9.41	34.81 0.78 -9.54	35.48 0.77 -11.36	36.84 1.10 -1.29	48.17 1.62 -1.58	55.43 1.87 -8.98	55.01 2.12 0.00	53.46 2.15 0.00	50.56 2.04 0.00	48.92 2.02 0.00	47.88 1.92 -2.27	44.22 1.90 -0.06	42.95 1.62 -5.31	43.12 1.70 -1.95	44.02 1.55 -6.47	47.35 1.67 -5.80	52.84 1.84 -8.21	56.46 2.08 -4.94	51.91 2.14 0.00	42.97 1.69 0.00	39.76 1.38 0.00	36.57 1.13 0.00

GILBOA___3 23758	38.52 0.94 -9.18	36.59 0.81 -11.35	35.26 0.80 -9.41	34.81 0.78 -9.54	35.48 0.77 -11.36	36.84 1.10 -1.29	48.17 1.62 -1.58	55.43 1.87 -8.98	55.01 2.12 0.00	53.46 2.15 0.00	50.56 2.04 0.00	48.92 2.02 0.00	47.88 1.92 -2.27	44.22 1.90 -0.06	42.95 1.62 -5.31	43.12 1.70 -1.95	44.02 1.55 -6.47	47.35 1.67 -5.80	52.84 1.84 -8.21	56.46 2.08 -4.94	51.91 2.14 0.00	42.97 1.69 0.00	39.76 1.38 0.00	36.57 1.13 0.00
GILBOA___4 23759	38.52 0.94 -9.18	36.59 0.81 -11.35	35.26 0.80 -9.41	34.81 0.78 -9.54	35.48 0.77 -11.36	36.84 1.10 -1.29	48.17 1.62 -1.58	55.43 1.87 -8.98	55.01 2.12 0.00	53.46 2.15 0.00	50.56 2.04 0.00	48.92 2.02 0.00	47.88 1.92 -2.27	44.22 1.90 -0.06	42.95 1.62 -5.31	43.12 1.70 -1.95	44.02 1.55 -6.47	47.35 1.67 -5.80	52.84 1.84 -8.21	56.46 2.08 -4.94	51.91 2.14 0.00	42.97 1.69 0.00	39.76 1.38 0.00	36.57 1.13 0.00
GILBOA___ 23599	38.52 0.94 -9.18	36.60 0.81 -11.35	35.26 0.80 -9.41	34.81 0.78 -9.54	35.48 0.77 -11.36	36.84 1.10 -1.29	48.17 1.62 -1.58	55.43 1.87 -8.98	55.01 2.12 0.00	53.46 2.15 0.00	50.56 2.04 0.00	48.92 2.02 0.00	47.88 1.92 -2.27	44.22 1.90 -0.06	42.95 1.62 -5.31	43.12 1.70 -1.95	44.02 1.55 -6.47	47.35 1.67 -5.80	52.84 1.84 -8.21	56.47 2.08 -4.94	51.91 2.14 0.00	43.01 1.73 0.00	39.77 1.38 0.00	36.57 1.13 0.00
GINNA___ 23603	27.62 -1.85 -1.06	24.23 -1.52 -1.31	24.52 -1.60 -1.09	24.00 -1.59 -1.10	23.21 -1.45 -1.31	32.39 -2.21 -0.15	41.97 -3.19 -0.18	41.79 -3.30 -0.52	46.92 -3.97 2.01	45.30 -3.90 2.10	43.92 -3.49 1.11	42.81 -3.52 0.57	38.09 -3.50 2.11	37.08 -3.08 2.09	32.58 -2.77 0.68	33.93 -3.12 2.42	32.51 -2.85 0.65	37.02 -3.07 -0.22	40.66 -3.08 -0.95	46.55 -3.46 -0.57	46.14 -3.63 0.00	38.51 -2.76 0.00	36.00 -2.38 0.00	33.10 -2.34 0.00
GLEN PARK___ 23778	28.79 -0.08 -0.46	24.89 -0.12 -0.57	25.39 -0.12 -0.47	24.87 -0.10 -0.48	23.80 -0.12 -0.57	34.51 0.00 -0.06	45.06 0.00 -0.08	44.88 -0.13 -0.44	52.47 -0.42 0.00	50.48 -0.82 0.00	47.65 -0.87 0.00	45.69 -1.22 0.00	42.63 -1.18 -0.11	41.03 -1.23 0.00	35.06 -1.22 -0.26	38.27 -1.30 -0.10	35.39 -0.94 -0.33	39.25 -0.92 -0.29	42.64 -0.56 -0.41	48.95 -0.74 -0.25	49.27 -0.50 0.00	40.99 -0.29 0.00	38.08 -0.31 0.00	35.05 -0.39 0.00
GLENDALE_27_KV_LOAD 356172	40.11 2.10 -9.59	38.04 1.74 -11.87	36.66 1.78 -9.84	36.15 1.69 -9.97	36.86 1.63 -11.88	38.07 2.27 -1.35	50.22 3.60 -1.65	58.11 4.15 -9.39	57.92 5.02 0.00	56.34 5.03 -0.01	53.28 4.75 -0.01	51.70 4.78 -0.01	50.65 4.59 -2.37	46.81 4.48 -0.07	45.47 3.89 -5.56	45.65 4.14 -2.04	46.52 3.74 -6.77	50.99 4.11 -7.01	55.73 4.36 -8.58	59.66 5.04 -5.17	54.79 5.03 0.00	45.28 4.00 0.00	41.61 3.22 0.00	38.06 2.62 0.00
GLENWOOD_IC_1_G5 23712	40.12 2.10 -9.61	38.13 1.81 -11.89	36.64 1.75 -9.84	36.13 1.67 -9.97	36.91 1.68 -11.88	38.18 2.38 -1.35	50.33 3.69 -1.66	58.08 4.10 -9.41	57.77 4.87 -0.02	56.09 4.77 -0.02	53.05 4.51 -0.02	51.47 4.55 -0.02	50.41 4.33 -2.39	53.94 4.23 -7.46	45.26 3.67 -5.56	45.79 3.95 -2.37	46.32 3.53 -6.78	49.82 3.87 -6.08	55.58 4.19 -8.60	59.52 4.90 -5.18	54.66 4.88 -0.02	45.21 3.92 -0.02	41.62 3.22 -0.02	38.15 2.69 -0.02
GLENWOOD_IC_2_G1 23688	39.94 1.93 -9.60	37.95 1.64 -11.87	36.51 1.63 -9.84	36.00 1.54 -9.97	36.77 1.54 -11.88	37.97 2.17 -1.35	50.04 3.42 -1.65	57.75 3.79 -9.39	57.44 4.55 0.00	55.77 4.46 0.00	52.69 4.17 0.00	51.13 4.22 0.00	50.13 4.06 -2.37	46.61 3.97 -0.38	45.00 3.42 -5.55	45.20 3.67 -2.05	46.08 3.31 -6.77	49.57 3.63 -6.07	55.31 3.93 -8.58	59.21 4.60 -5.17	54.34 4.58 0.00	44.91 3.63 0.00	41.38 3.00 0.00	37.92 2.48 0.00
GLENWOOD_IC_3_G1 23689	39.94 1.93 -9.60	37.95 1.64 -11.87	36.51 1.63 -9.84	36.00 1.54 -9.97	36.77 1.54 -11.88	37.97 2.17 -1.35	50.04 3.42 -1.65	57.75 3.79 -9.39	57.44 4.55 0.00	55.77 4.46 0.00	52.69 4.17 0.00	51.13 4.22 0.00	50.13 4.06 -2.37	46.61 3.97 -0.38	45.00 3.42 -5.55	45.20 3.67 -2.05	46.08 3.31 -6.77	49.57 3.63 -6.07	55.31 3.93 -8.58	59.21 4.60 -5.17	54.34 4.58 0.00	44.91 3.63 0.00	41.38 3.00 0.00	37.92 2.48 0.00
GLENWOOD___4 23550	40.12 2.10 -9.61	38.13 1.81 -11.89	36.64 1.75 -9.84	36.13 1.67 -9.97	36.91 1.68 -11.88	38.18 2.38 -1.35	50.33 3.69 -1.66	58.08 4.10 -9.41	57.77 4.87 -0.02	56.09 4.77 -0.02	53.05 4.51 -0.02	51.47 4.55 -0.02	50.41 4.33 -2.39	53.94 4.23 -7.46	45.26 3.67 -5.56	45.79 3.95 -2.37	46.32 3.53 -6.78	49.82 3.87 -6.08	55.58 4.19 -8.60	59.52 4.90 -5.18	54.66 4.88 -0.02	45.21 3.92 -0.02	41.62 3.22 -0.02	38.15 2.69 -0.02
GLENWOOD___5 23614	40.12 2.10 -9.61	38.13 1.81 -11.89	36.64 1.75 -9.84	36.13 1.67 -9.97	36.91 1.68 -11.88	38.18 2.38 -1.35	50.33 3.69 -1.66	58.08 4.10 -9.41	57.77 4.87 -0.02	56.09 4.77 -0.02	53.05 4.51 -0.02	51.47 4.55 -0.02	50.41 4.33 -2.39	53.94 4.23 -7.46	45.26 3.67 -5.56	45.79 3.95 -2.37	46.32 3.53 -6.78	49.82 3.87 -6.08	55.58 4.19 -8.60	59.52 4.90 -5.18	54.66 4.88 -0.02	45.21 3.92 -0.02	41.62 3.22 -0.02	38.15 2.69 -0.02
GLOBAL GREEN_PORT_GT1 23814	39.86 1.85 -9.60	37.88 1.57 -11.88	36.28 1.40 -9.84	35.68 1.22 -9.97	36.77 1.54 -11.88	37.80 2.00 -1.35	50.69 4.05 -1.66	57.67 3.70 -9.40	56.97 4.07 -0.01	54.96 3.64 -0.01	51.39 2.86 -0.01	50.15 3.23 -0.01	49.48 3.41 -2.38	49.84 3.25 -4.32	44.21 2.63 -5.56	45.37 3.67 -2.23	45.66 2.88 -6.78	49.18 3.23 -6.08	55.23 3.85 -8.59	59.42 4.79 -5.18	53.80 4.03 -0.01	44.67 3.39 -0.01	41.73 3.34 -0.01	38.32 2.87 -0.01
GLOBE___DSASP 323697	27.71 -2.10 -1.40	24.41 -1.76 -1.74	24.53 -1.95 -1.44	24.01 -1.93 -1.46	23.50 -1.59 -1.74	31.96 -2.69 -0.20	40.59 -4.63 -0.24	40.21 -4.81 -0.46	41.87 -6.19 4.84	40.03 -6.21 5.07	40.31 -5.53 2.67	40.26 -5.25 1.39	33.21 -5.20 5.29	32.56 -4.65 5.05	30.00 -3.93 2.10	29.05 -4.42 6.00	29.60 -4.14 2.27	35.25 -4.59 0.03	39.47 -4.58 -1.25	44.91 -5.29 -0.76	44.24 -5.52 0.00	37.56 -3.71 0.00	35.43 -2.96 0.00	32.82 -2.62 0.00
GOETHSLN___LBMP 323567	39.74 1.73 -9.59	37.75 1.44 -11.87	36.36 1.48 -9.84	35.88 1.42 -9.97	36.60 1.38 -11.87	37.69 1.89 -1.35	49.73 3.10 -1.65	57.57 3.61 -9.39	57.23 4.34 0.00	55.61 4.31 0.00	52.59 4.08 0.00	51.08 4.17 0.00	50.08 4.02 -2.37	46.21 3.89 -0.07	44.99 3.42 -5.55	45.14 3.63 -2.04	46.05 3.28 -6.77	49.53 3.59 -6.07	55.18 3.81 -8.58	59.06 4.45 -5.17	54.20 4.43 0.00	44.78 3.51 0.00	41.15 2.76 0.00	37.60 2.16 0.00
GOLAH___69_KV_TB 1_2 80279	28.75 -0.77 -1.10	25.22 -0.59 -1.36	25.47 -0.70 -1.13	24.92 -0.71 -1.15	24.15 -0.56 -1.37	33.67 -0.93 -0.16	43.50 -1.66 -0.19	43.25 -1.83 -0.51	47.75 -2.43 2.71	45.90 -2.57 2.83	44.79 -2.23 1.49	43.83 -2.30 0.78	38.31 -2.49 2.89	37.36 -2.07 2.82	33.20 -1.80 1.02	34.08 -2.09 3.30	33.04 -1.91 1.06	38.03 -1.99 -0.15	41.98 -1.80 -0.99	48.16 -1.88 -0.59	47.83 -1.94 0.00	39.99 -1.28 0.00	37.54 -0.84 0.00	34.59 -0.85 0.00

GOODYEAR_LAKE_HYD 323669	32.26 1.22 -2.63	28.75 1.05 -3.26	28.79 1.05 -2.70	28.25 1.03 -2.74	27.61 1.00 -3.26	36.37 1.55 -0.37	47.59 2.16 -0.45	49.57 2.41 -2.59	55.85 2.96 0.00	54.07 2.77 0.00	51.09 2.57 0.00	49.25 2.35 0.00	46.58 2.23 -0.65	44.47 2.20 -0.02	39.28 1.73 -1.53	41.81 1.78 -0.56	39.59 1.73 -1.86	43.49 1.95 -1.67	47.41 2.27 -2.36	53.34 2.47 -1.42	52.25 2.49 0.00	43.42 2.15 0.00	40.23 1.84 0.00	36.96 1.52 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	31.32 -0.09 -3.00	28.07 -0.07 -3.71	27.99 -0.13 -3.08	27.48 -0.12 -3.12	27.02 -0.05 -3.71	34.77 -0.10 -0.42	45.36 -0.13 -0.52	47.24 -0.09 -2.76	52.98 -0.11 -0.20	51.41 -0.10 -0.21	48.48 -0.15 -0.11	46.78 -0.19 -0.06	44.44 -0.17 -0.92	42.36 -0.13 -0.23	37.64 -0.11 -1.73	40.20 -0.12 -0.85	37.13 -0.22 -1.34	41.13 -0.24 -1.50	45.34 -0.13 -2.68	50.96 -0.10 -1.62	49.57 -0.20 0.00	41.40 0.12 0.00	38.54 0.15 0.00	35.62 0.18 0.00
GOUDEY___7 23579	31.32 -0.09 -3.00	28.07 -0.07 -3.71	27.99 -0.13 -3.08	27.48 -0.12 -3.12	27.02 -0.05 -3.71	34.77 -0.10 -0.42	45.36 -0.13 -0.52	47.24 -0.09 -2.76	52.98 -0.11 -0.20	51.41 -0.10 -0.21	48.48 -0.15 -0.11	46.78 -0.19 -0.06	44.44 -0.17 -0.92	42.36 -0.13 -0.23	37.64 -0.11 -1.73	40.20 -0.12 -0.85	37.13 -0.22 -1.34	41.13 -0.24 -1.50	45.34 -0.13 -2.68	50.96 -0.10 -1.62	49.57 -0.20 0.00	41.40 0.12 0.00	38.54 0.15 0.00	35.62 0.18 0.00
GOUDEY___8 23580	31.32 -0.09 -3.00	28.07 -0.07 -3.71	27.99 -0.13 -3.08	27.48 -0.12 -3.12	27.02 -0.05 -3.71	34.77 -0.10 -0.42	45.36 -0.13 -0.52	47.24 -0.09 -2.76	52.98 -0.11 -0.20	51.41 -0.10 -0.21	48.48 -0.15 -0.11	46.78 -0.19 -0.06	44.44 -0.17 -0.92	42.36 -0.13 -0.23	37.64 -0.11 -1.73	40.20 -0.12 -0.85	37.13 -0.22 -1.34	41.13 -0.24 -1.50	45.34 -0.13 -2.68	50.96 -0.10 -1.62	49.57 -0.20 0.00	41.40 0.12 0.00	38.54 0.15 0.00	35.62 0.18 0.00
GOWANUS_GT1_1 24077	54.55 2.22 -23.93	53.88 1.83 -27.61	53.88 1.88 -26.96	36.27 1.81 -9.97	36.98 1.75 -11.88	38.21 2.41 -1.35	53.96 3.78 -5.20	58.25 4.28 -9.40	59.05 5.18 -0.98	59.26 5.18 -2.77	58.69 4.90 -5.27	57.52 4.97 -5.65	58.60 4.72 -10.19	56.18 4.61 -9.32	58.01 4.00 -17.99	56.22 4.30 -12.44	58.10 3.85 -18.24	89.13 4.23 -45.03	58.60 4.49 -11.32	97.02 5.19 -42.39	97.01 5.18 -42.07	58.55 4.13 -13.14	55.62 3.38 -13.86	54.57 2.76 -16.37
GOWANUS_GT1_2 24078	54.55 2.22 -23.93	53.88 1.83 -27.61	53.88 1.88 -26.96	36.27 1.81 -9.97	36.98 1.75 -11.88	38.21 2.41 -1.35	53.96 3.78 -5.20	58.25 4.28 -9.40	59.05 5.18 -0.98	59.26 5.18 -2.77	58.69 4.90 -5.27	57.52 4.97 -5.65	58.60 4.72 -10.19	56.18 4.61 -9.32	58.01 4.00 -17.99	56.22 4.30 -12.44	58.10 3.85 -18.24	89.13 4.23 -45.03	58.60 4.49 -11.32	97.02 5.19 -42.39	97.01 5.18 -42.07	58.55 4.13 -13.14	55.62 3.38 -13.86	54.57 2.76 -16.37
GOWANUS_GT1_3 24079	54.55 2.22 -23.93	53.88 1.83 -27.61	53.88 1.88 -26.96	36.27 1.81 -9.97	36.98 1.75 -11.88	38.21 2.41 -1.35	53.96 3.78 -5.20	58.25 4.28 -9.40	59.05 5.18 -0.98	59.26 5.18 -2.77	58.69 4.90 -5.27	57.52 4.97 -5.65	58.60 4.72 -10.19	56.18 4.61 -9.32	58.01 4.00 -17.99	56.22 4.30 -12.44	58.10 3.85 -18.24	89.13 4.23 -45.03	58.60 4.49 -11.32	97.02 5.19 -42.39	97.01 5.18 -42.07	58.55 4.13 -13.14	55.62 3.38 -13.86	54.57 2.76 -16.37
GOWANUS_GT1_4 24080	54.55 2.22 -23.93	53.88 1.83 -27.61	53.88 1.88 -26.96	36.27 1.81 -9.97	36.98 1.75 -11.88	38.21 2.41 -1.35	53.96 3.78 -5.20	58.25 4.28 -9.40	59.05 5.18 -0.98	59.26 5.18 -2.77	58.69 4.90 -5.27	57.52 4.97 -5.65	58.60 4.72 -10.19	56.18 4.61 -9.32	58.01 4.00 -17.99	56.22 4.30 -12.44	58.10 3.85 -18.24	89.13 4.23 -45.03	58.60 4.49 -11.32	97.02 5.19 -42.39	97.01 5.18 -42.07	58.55 4.13 -13.14	55.62 3.38 -13.86	54.57 2.76 -16.37
GOWANUS_GT1_5 24084	54.55 2.22 -23.93	53.88 1.83 -27.61	53.88 1.88 -26.96	36.27 1.81 -9.97	36.98 1.75 -11.88	38.21 2.41 -1.35	53.96 3.78 -5.20	58.25 4.28 -9.40	59.05 5.18 -0.98	59.26 5.18 -2.77	58.69 4.90 -5.27	57.52 4.97 -5.65	58.60 4.72 -10.19	56.18 4.61 -9.32	58.01 4.00 -17.99	56.22 4.30 -12.44	58.10 3.85 -18.24	89.13 4.23 -45.03	58.60 4.49 -11.32	97.02 5.19 -42.39	97.01 5.18 -42.07	58.55 4.13 -13.14	55.62 3.38 -13.86	54.57 2.76 -16.37
GOWANUS_GT1_6 24111	54.55 2.22 -23.93	53.88 1.83 -27.61	53.88 1.88 -26.96	36.27 1.81 -9.97	36.98 1.75 -11.88	38.21 2.41 -1.35	53.96 3.78 -5.20	58.25 4.28 -9.40	59.05 5.18 -0.98	59.26 5.18 -2.77	58.69 4.90 -5.27	57.52 4.97 -5.65	58.60 4.72 -10.19	56.18 4.61 -9.32	58.01 4.00 -17.99	56.22 4.30 -12.44	58.10 3.85 -18.24	89.13 4.23 -45.03	58.60 4.49 -11.32	97.02 5.19 -42.39	97.01 5.18 -42.07	58.55 4.13 -13.14	55.62 3.38 -13.86	54.57 2.76 -16.37
GOWANUS_GT1_7 24112	54.55 2.22 -23.93	53.88 1.83 -27.61	53.88 1.88 -26.96	36.27 1.81 -9.97	36.98 1.75 -11.88	38.21 2.41 -1.35	53.96 3.78 -5.20	58.25 4.28 -9.40	59.05 5.18 -0.98	59.26 5.18 -2.77	58.69 4.90 -5.27	57.52 4.97 -5.65	58.60 4.72 -10.19	56.18 4.61 -9.32	58.01 4.00 -17.99	56.22 4.30 -12.44	58.10 3.85 -18.24	89.13 4.23 -45.03	58.60 4.49 -11.32	97.02 5.19 -42.39	97.01 5.18 -42.07	58.55 4.13 -13.14	55.62 3.38 -13.86	54.57 2.76 -16.37
GOWANUS_GT1_8 24113	54.55 2.22 -23.93	53.88 1.83 -27.61	53.88 1.88 -26.96	36.27 1.81 -9.97	36.98 1.75 -11.88	38.21 2.41 -1.35	53.96 3.78 -5.20	58.25 4.28 -9.40	59.05 5.18 -0.98	59.26 5.18 -2.77	58.69 4.90 -5.27	57.52 4.97 -5.65	58.60 4.72 -10.19	56.18 4.61 -9.32	58.01 4.00 -17.99	56.22 4.30 -12.44	58.10 3.85 -18.24	89.13 4.23 -45.03	58.60 4.49 -11.32	97.02 5.19 -42.39	97.01 5.18 -42.07	58.55 4.13 -13.14	55.62 3.38 -13.86	54.57 2.76 -16.37
GOWANUS_GT2_1 24114	54.56 2.22 -23.93	53.88 1.83 -27.61	53.88 1.88 -26.96	36.28 1.81 -9.98	36.98 1.75 -11.88	38.22 2.41 -1.36	54.00 3.82 -5.20	58.25 4.28 -9.40	59.06 5.19 -0.99	59.26 5.18 -2.77	58.69 4.90 -5.27	57.47 4.92 -5.65	58.61 4.72 -10.20	56.18 4.61 -9.32	58.01 4.00 -17.99	56.14 4.23 -12.44	58.10 3.85 -18.24	89.18 4.27 -45.03	58.60 4.49 -11.32	97.07 5.24 -42.39	97.06 5.22 -42.07	58.55 4.13 -13.15	55.63 3.38 -13.87	54.58 2.77 -16.38
GOWANUS_GT2_2 24115	54.56 2.22 -23.93	53.88 1.83 -27.61	53.88 1.88 -26.96	36.28 1.81 -9.98	36.98 1.75 -11.88	38.22 2.41 -1.36	54.00 3.82 -5.20	58.25 4.28 -9.40	59.06 5.19 -0.99	59.26 5.18 -2.77	58.69 4.90 -5.27	57.47 4.92 -5.65	58.61 4.72 -10.20	56.18 4.61 -9.32	58.01 4.00 -17.99	56.14 4.23 -12.44	58.10 3.85 -18.24	89.18 4.27 -45.03	58.60 4.49 -11.32	97.07 5.24 -42.39	97.06 5.22 -42.07	58.55 4.13 -13.15	55.63 3.38 -13.87	54.58 2.77 -16.38
GOWANUS_GT2_3 24116	54.56 2.22 -23.93	53.88 1.83 -27.61	53.88 1.88 -26.96	36.28 1.81 -9.98	36.98 1.75 -11.88	38.22 2.41 -1.36	54.00 3.82 -5.20	58.25 4.28 -9.40	59.06 5.19 -0.99	59.26 5.18 -2.77	58.69 4.90 -5.27	57.47 4.92 -5.65	58.61 4.72 -10.20	56.18 4.61 -9.32	58.01 4.00 -17.99	56.14 4.23 -12.44	58.10 3.85 -18.24	89.18 4.27 -45.03	58.60 4.49 -11.32	97.07 5.24 -42.39	97.06 5.22 -42.07	58.55 4.13 -13.15	55.63 3.38 -13.87	54.58 2.77 -16.38

GOWANUS_GT2_4 24117	54.56 2.22 -23.93	53.88 1.83 -27.61	53.88 1.88 -26.96	36.28 1.81 -9.98	36.98 1.75 -11.88	38.22 2.41 -1.36	54.00 3.82 -5.20	58.25 4.28 -9.40	59.06 5.19 -0.99	59.26 5.18 -2.77	58.69 4.90 -5.27	57.47 4.92 -5.65	58.61 4.72 -10.20	56.18 4.61 -9.32	58.01 4.00 -17.99	56.14 4.23 -12.44	58.10 3.85 -18.24	89.18 4.27 -45.03	58.60 4.49 -11.32	97.07 5.24 -42.39	97.06 5.22 -42.07	58.55 4.13 -13.15	55.63 3.38 -13.87	54.58 2.77 -16.38
GOWANUS_GT2_5 24118	54.56 2.22 -23.93	53.88 1.83 -27.61	53.88 1.88 -26.96	36.28 1.81 -9.98	36.98 1.75 -11.88	38.22 2.41 -1.36	54.00 3.82 -5.20	58.25 4.28 -9.40	59.06 5.19 -0.99	59.26 5.18 -2.77	58.69 4.90 -5.27	57.47 4.92 -5.65	58.61 4.72 -10.20	56.18 4.61 -9.32	58.01 4.00 -17.99	56.14 4.23 -12.44	58.10 3.85 -18.24	89.18 4.27 -45.03	58.60 4.49 -11.32	97.07 5.24 -42.39	97.06 5.22 -42.07	58.55 4.13 -13.15	55.63 3.38 -13.87	54.58 2.77 -16.38
GOWANUS_GT2_6 24119	54.56 2.22 -23.93	53.88 1.83 -27.61	53.88 1.88 -26.96	36.28 1.81 -9.98	36.98 1.75 -11.88	38.22 2.41 -1.36	54.00 3.82 -5.20	58.25 4.28 -9.40	59.06 5.19 -0.99	59.26 5.18 -2.77	58.69 4.90 -5.27	57.47 4.92 -5.65	58.61 4.72 -10.20	56.18 4.61 -9.32	58.01 4.00 -17.99	56.14 4.23 -12.44	58.10 3.85 -18.24	89.18 4.27 -45.03	58.60 4.49 -11.32	97.07 5.24 -42.39	97.06 5.22 -42.07	58.55 4.13 -13.15	55.63 3.38 -13.87	54.58 2.77 -16.38
GOWANUS_GT2_7 24120	54.56 2.22 -23.93	53.88 1.83 -27.61	53.88 1.88 -26.96	36.28 1.81 -9.98	36.98 1.75 -11.88	38.22 2.41 -1.36	54.00 3.82 -5.20	58.25 4.28 -9.40	59.06 5.19 -0.99	59.26 5.18 -2.77	58.69 4.90 -5.27	57.47 4.92 -5.65	58.61 4.72 -10.20	56.18 4.61 -9.32	58.01 4.00 -17.99	56.14 4.23 -12.44	58.10 3.85 -18.24	89.18 4.27 -45.03	58.60 4.49 -11.32	97.07 5.24 -42.39	97.06 5.22 -42.07	58.55 4.13 -13.15	55.63 3.38 -13.87	54.58 2.77 -16.38
GOWANUS_GT2_8 24121	54.56 2.22 -23.93	53.88 1.83 -27.61	53.88 1.88 -26.96	36.28 1.81 -9.98	36.98 1.75 -11.88	38.22 2.41 -1.36	54.00 3.82 -5.20	58.25 4.28 -9.40	59.06 5.19 -0.99	59.26 5.18 -2.77	58.69 4.90 -5.27	57.47 4.92 -5.65	58.61 4.72 -10.20	56.18 4.61 -9.32	58.01 4.00 -17.99	56.14 4.23 -12.44	58.10 3.85 -18.24	89.18 4.27 -45.03	58.60 4.49 -11.32	97.07 5.24 -42.39	97.06 5.22 -42.07	58.55 4.13 -13.15	55.63 3.38 -13.87	54.58 2.77 -16.38
GOWANUS_GT3_1 24122	54.56 2.22 -23.93	53.88 1.83 -27.61	53.88 1.88 -26.96	36.28 1.81 -9.98	36.98 1.75 -11.88	38.22 2.41 -1.36	54.00 3.82 -5.20	58.25 4.28 -9.40	59.06 5.19 -0.99	59.26 5.18 -2.77	58.69 4.90 -5.27	57.47 4.92 -5.65	58.61 4.72 -10.20	56.18 4.61 -9.32	58.01 4.00 -17.99	56.14 4.23 -12.44	58.10 3.85 -18.24	89.18 4.27 -45.03	58.60 4.49 -11.32	97.07 5.24 -42.39	97.06 5.22 -42.07	58.55 4.13 -13.15	55.63 3.38 -13.87	54.58 2.77 -16.38
GOWANUS_GT3_2 24123	54.56 2.22 -23.93	53.88 1.83 -27.61	53.88 1.88 -26.96	36.28 1.81 -9.98	36.98 1.75 -11.88	38.22 2.41 -1.36	54.00 3.82 -5.20	58.25 4.28 -9.40	59.06 5.19 -0.99	59.26 5.18 -2.77	58.69 4.90 -5.27	57.47 4.92 -5.65	58.61 4.72 -10.20	56.18 4.61 -9.32	58.01 4.00 -17.99	56.14 4.23 -12.44	58.10 3.85 -18.24	89.18 4.27 -45.03	58.60 4.49 -11.32	97.07 5.24 -42.39	97.06 5.22 -42.07	58.55 4.13 -13.15	55.63 3.38 -13.87	54.58 2.77 -16.38
GOWANUS_GT3_3 24124	54.56 2.22 -23.93	53.88 1.83 -27.61	53.88 1.88 -26.96	36.28 1.81 -9.98	36.98 1.75 -11.88	38.22 2.41 -1.36	54.00 3.82 -5.20	58.25 4.28 -9.40	59.06 5.19 -0.99	59.26 5.18 -2.77	58.69 4.90 -5.27	57.47 4.92 -5.65	58.61 4.72 -10.20	56.18 4.61 -9.32	58.01 4.00 -17.99	56.14 4.23 -12.44	58.10 3.85 -18.24	89.18 4.27 -45.03	58.60 4.49 -11.32	97.07 5.24 -42.39	97.06 5.22 -42.07	58.55 4.13 -13.15	55.63 3.38 -13.87	54.58 2.77 -16.38
GOWANUS_GT3_4 24125	54.56 2.22 -23.93	53.88 1.83 -27.61	53.88 1.88 -26.96	36.28 1.81 -9.98	36.98 1.75 -11.88	38.22 2.41 -1.36	54.00 3.82 -5.20	58.25 4.28 -9.40	59.06 5.19 -0.99	59.26 5.18 -2.77	58.69 4.90 -5.27	57.47 4.92 -5.65	58.61 4.72 -10.20	56.18 4.61 -9.32	58.01 4.00 -17.99	56.14 4.23 -12.44	58.10 3.85 -18.24	89.18 4.27 -45.03	58.60 4.49 -11.32	97.07 5.24 -42.39	97.06 5.22 -42.07	58.55 4.13 -13.15	55.63 3.38 -13.87	54.58 2.77 -16.38
GOWANUS_GT3_5 24126	54.56 2.22 -23.93	53.88 1.83 -27.61	53.88 1.88 -26.96	36.28 1.81 -9.98	36.98 1.75 -11.88	38.22 2.41 -1.36	54.00 3.82 -5.20	58.25 4.28 -9.40	59.06 5.19 -0.99	59.26 5.18 -2.77	58.69 4.90 -5.27	57.47 4.92 -5.65	58.61 4.72 -10.20	56.18 4.61 -9.32	58.01 4.00 -17.99	56.14 4.23 -12.44	58.10 3.85 -18.24	89.18 4.27 -45.03	58.60 4.49 -11.32	97.07 5.24 -42.39	97.06 5.22 -42.07	58.55 4.13 -13.15	55.63 3.38 -13.87	54.58 2.77 -16.38
GOWANUS_GT3_6 24127	54.56 2.22 -23.93	53.88 1.83 -27.61	53.88 1.88 -26.96	36.28 1.81 -9.98	36.98 1.75 -11.88	38.22 2.41 -1.36	54.00 3.82 -5.20	58.25 4.28 -9.40	59.06 5.19 -0.99	59.26 5.18 -2.77	58.69 4.90 -5.27	57.47 4.92 -5.65	58.61 4.72 -10.20	56.18 4.61 -9.32	58.01 4.00 -17.99	56.14 4.23 -12.44	58.10 3.85 -18.24	89.18 4.27 -45.03	58.60 4.49 -11.32	97.07 5.24 -42.39	97.06 5.22 -42.07	58.55 4.13 -13.15	55.63 3.38 -13.87	54.58 2.77 -16.38
GOWANUS_GT3_7 24128	54.56 2.22 -23.93	53.88 1.83 -27.61	53.88 1.88 -26.96	36.28 1.81 -9.98	36.98 1.75 -11.88	38.22 2.41 -1.36	54.00 3.82 -5.20	58.25 4.28 -9.40	59.06 5.19 -0.99	59.26 5.18 -2.77	58.69 4.90 -5.27	57.47 4.92 -5.65	58.61 4.72 -10.20	56.18 4.61 -9.32	58.01 4.00 -17.99	56.14 4.23 -12.44	58.10 3.85 -18.24	89.18 4.27 -45.03	58.60 4.49 -11.32	97.07 5.24 -42.39	97.06 5.22 -42.07	58.55 4.13 -13.15	55.63 3.38 -13.87	54.58 2.77 -16.38
GOWANUS_GT3_8 24129	54.56 2.22 -23.93	53.88 1.83 -27.61	53.88 1.88 -26.96	36.28 1.81 -9.98	36.98 1.75 -11.88	38.22 2.41 -1.36	54.00 3.82 -5.20	58.25 4.28 -9.40	59.06 5.19 -0.99	59.26 5.18 -2.77	58.69 4.90 -5.27	57.47 4.92 -5.65	58.61 4.72 -10.20	56.18 4.61 -9.32	58.01 4.00 -17.99	56.14 4.23 -12.44	58.10 3.85 -18.24	89.18 4.27 -45.03	58.60 4.49 -11.32	97.07 5.24 -42.39	97.06 5.22 -42.07	58.55 4.13 -13.15	55.63 3.38 -13.87	54.58 2.77 -16.38
GOWANUS_GT4_1 24130	54.55 2.22 -23.93	53.88 1.83 -27.61	53.88 1.88 -26.96	36.27 1.81 -9.97	36.98 1.75 -11.88	38.21 2.41 -1.35	53.96 3.78 -5.20	58.25 4.28 -9.40	59.05 5.18 -0.98	59.26 5.18 -2.77	58.69 4.90 -5.27	57.52 4.97 -5.65	58.60 4.72 -10.19	56.18 4.61 -9.32	58.01 4.00 -17.99	56.22 4.30 -12.44	58.10 3.85 -18.24	89.13 4.23 -45.03	58.60 4.49 -11.32	97.02 5.19 -42.39	97.01 5.18 -42.07	58.55 4.13 -13.14	55.62 3.38 -13.86	54.57 2.76 -16.37
GOWANUS_GT4_2 24131	54.55 2.22 -23.93	53.88 1.83 -27.61	53.88 1.88 -26.96	36.27 1.81 -9.97	36.98 1.75 -11.88	38.21 2.41 -1.35	53.96 3.78 -5.20	58.25 4.28 -9.40	59.05 5.18 -0.98	59.26 5.18 -2.77	58.69 4.90 -5.27	57.52 4.97 -5.65	58.60 4.72 -10.19	56.18 4.61 -9.32	58.01 4.00 -17.99	56.22 4.30 -12.44	58.10 3.85 -18.24	89.13 4.23 -45.03	58.60 4.49 -11.32	97.02 5.19 -42.39	97.01 5.18 -42.07	58.55 4.13 -13.14	55.62 3.38 -13.86	54.57 2.76 -16.37

GOWANUS_GT4_3 24132	54.55 2.22 -23.93	53.88 1.83 -27.61	53.88 1.88 -26.96	36.27 1.81 -9.97	36.98 1.75 -11.88	38.21 2.41 -1.35	53.96 3.78 -5.20	58.25 4.28 -9.40	59.05 5.18 -0.98	59.26 5.18 -2.77	58.69 4.90 -5.27	57.52 4.97 -5.65	58.60 4.72 -10.19	56.18 4.61 -9.32	58.01 4.00 -17.99	56.22 4.30 -12.44	58.10 3.85 -18.24	89.13 4.23 -45.03	58.60 4.49 -11.32	97.02 5.19 -42.39	97.01 5.18 -42.07	58.55 4.13 -13.14	55.62 3.38 -13.86	54.57 2.76 -16.37
GOWANUS_GT4_4 24133	54.55 2.22 -23.93	53.88 1.83 -27.61	53.88 1.88 -26.96	36.27 1.81 -9.97	36.98 1.75 -11.88	38.21 2.41 -1.35	53.96 3.78 -5.20	58.25 4.28 -9.40	59.05 5.18 -0.98	59.26 5.18 -2.77	58.69 4.90 -5.27	57.52 4.97 -5.65	58.60 4.72 -10.19	56.18 4.61 -9.32	58.01 4.00 -17.99	56.22 4.30 -12.44	58.10 3.85 -18.24	89.13 4.23 -45.03	58.60 4.49 -11.32	97.02 5.19 -42.39	97.01 5.18 -42.07	58.55 4.13 -13.14	55.62 3.38 -13.86	54.57 2.76 -16.37
GOWANUS_GT4_5 24134	54.55 2.22 -23.93	53.88 1.83 -27.61	53.88 1.88 -26.96	36.27 1.81 -9.97	36.98 1.75 -11.88	38.21 2.41 -1.35	53.96 3.78 -5.20	58.25 4.28 -9.40	59.05 5.18 -0.98	59.26 5.18 -2.77	58.69 4.90 -5.27	57.52 4.97 -5.65	58.60 4.72 -10.19	56.18 4.61 -9.32	58.01 4.00 -17.99	56.22 4.30 -12.44	58.10 3.85 -18.24	89.13 4.23 -45.03	58.60 4.49 -11.32	97.02 5.19 -42.39	97.01 5.18 -42.07	58.55 4.13 -13.14	55.62 3.38 -13.86	54.57 2.76 -16.37
GOWANUS_GT4_6 24135	54.55 2.22 -23.93	53.88 1.83 -27.61	53.88 1.88 -26.96	36.27 1.81 -9.97	36.98 1.75 -11.88	38.21 2.41 -1.35	53.96 3.78 -5.20	58.25 4.28 -9.40	59.05 5.18 -0.98	59.26 5.18 -2.77	58.69 4.90 -5.27	57.52 4.97 -5.65	58.60 4.72 -10.19	56.18 4.61 -9.32	58.01 4.00 -17.99	56.22 4.30 -12.44	58.10 3.85 -18.24	89.13 4.23 -45.03	58.60 4.49 -11.32	97.02 5.19 -42.39	97.01 5.18 -42.07	58.55 4.13 -13.14	55.62 3.38 -13.86	54.57 2.76 -16.37
GOWANUS_GT4_7 24136	54.55 2.22 -23.93	53.88 1.83 -27.61	53.88 1.88 -26.96	36.27 1.81 -9.97	36.98 1.75 -11.88	38.21 2.41 -1.35	53.96 3.78 -5.20	58.25 4.28 -9.40	59.05 5.18 -0.98	59.26 5.18 -2.77	58.69 4.90 -5.27	57.52 4.97 -5.65	58.60 4.72 -10.19	56.18 4.61 -9.32	58.01 4.00 -17.99	56.22 4.30 -12.44	58.10 3.85 -18.24	89.13 4.23 -45.03	58.60 4.49 -11.32	97.02 5.19 -42.39	97.01 5.18 -42.07	58.55 4.13 -13.14	55.62 3.38 -13.86	54.57 2.76 -16.37
GOWANUS_GT4_8 24137	54.55 2.22 -23.93	53.88 1.83 -27.61	53.88 1.88 -26.96	36.27 1.81 -9.97	36.98 1.75 -11.88	38.21 2.41 -1.35	53.96 3.78 -5.20	58.25 4.28 -9.40	59.05 5.18 -0.98	59.26 5.18 -2.77	58.69 4.90 -5.27	57.52 4.97 -5.65	58.60 4.72 -10.19	56.18 4.61 -9.32	58.01 4.00 -17.99	56.22 4.30 -12.44	58.10 3.85 -18.24	89.13 4.23 -45.03	58.60 4.49 -11.32	97.02 5.19 -42.39	97.01 5.18 -42.07	58.55 4.13 -13.14	55.62 3.38 -13.86	54.57 2.76 -16.37
GREENBSH_115KV_TB3 55895	40.98 0.82 -11.75	39.68 0.71 -14.54	37.82 0.73 -12.06	37.41 0.71 -12.21	38.60 0.70 -14.55	37.14 1.03 -1.65	48.35 1.35 -2.02	57.72 1.65 -11.50	54.85 1.96 0.00	53.25 1.95 0.00	50.31 1.80 0.00	48.73 1.83 0.00	48.26 1.66 -2.90	43.99 1.65 -0.08	44.22 1.40 -6.79	43.43 1.46 -2.49	45.62 1.33 -8.29	48.78 1.48 -7.43	54.88 1.58 -10.51	57.56 1.78 -6.33	51.61 1.84 0.00	42.72 1.44 0.00	39.50 1.11 0.00	36.57 1.13 0.00
GREENIDGE_115KV_TB5 80291	29.86 -0.43 -1.87	26.41 -0.34 -2.32	26.53 -0.43 -1.92	26.04 -0.39 -1.95	25.43 -0.23 -2.32	34.40 -0.31 -0.26	44.81 -0.49 -0.32	42.80 -0.53 1.23	50.09 -0.69 2.11	48.22 -0.87 2.22	46.45 -0.92 1.14	45.31 -1.03 0.57	39.91 -1.09 2.69	39.11 -0.93 2.22	33.39 -0.86 1.77	35.61 -0.91 2.96	33.65 -0.90 1.45	38.19 -0.92 0.76	43.82 -0.64 -1.67	49.86 -0.59 -1.01	49.02 -0.75 0.00	40.86 -0.41 0.00	38.23 -0.15 0.00	35.30 -0.14 0.00
GREENIDGE___3 23582	29.86 -0.43 -1.87	26.41 -0.34 -2.32	26.53 -0.43 -1.92	26.04 -0.39 -1.95	25.43 -0.23 -2.32	34.40 -0.31 -0.26	44.81 -0.49 -0.32	42.80 -0.53 1.23	50.09 -0.69 2.11	48.22 -0.87 2.22	46.45 -0.92 1.14	45.31 -1.03 0.57	39.91 -1.09 2.69	39.11 -0.93 2.22	33.39 -0.86 1.77	35.61 -0.91 2.96	33.65 -0.90 1.45	38.19 -0.92 0.76	43.82 -0.64 -1.67	49.86 -0.59 -1.01	49.02 -0.75 0.00	40.86 -0.41 0.00	38.23 -0.15 0.00	35.30 -0.14 0.00
GREENIDGE___4 23583	29.86 -0.43 -1.87	26.41 -0.34 -2.32	26.53 -0.43 -1.92	26.04 -0.39 -1.95	25.43 -0.23 -2.32	34.40 -0.31 -0.26	44.81 -0.49 -0.32	42.81 -0.53 1.23	50.09 -0.69 2.11	48.22 -0.87 2.22	46.45 -0.92 1.14	45.31 -1.03 0.57	39.91 -1.09 2.69	39.07 -0.97 2.22	33.39 -0.86 1.77	35.61 -0.91 2.96	33.66 -0.90 1.45	38.23 -0.88 0.76	43.82 -0.64 -1.67	49.81 -0.64 -1.01	49.12 -0.65 0.00	40.90 -0.37 0.00	38.23 -0.15 0.00	35.30 -0.14 0.00
GREENLWN_69_KV_BK 3 55738	40.26 2.24 -9.60	38.25 1.93 -11.88	36.71 1.83 -9.84	36.15 1.69 -9.97	37.02 1.80 -11.88	38.35 2.55 -1.35	50.64 4.00 -1.66	58.16 4.19 -9.40	57.82 4.92 -0.01	56.14 4.82 -0.01	52.99 4.46 -0.01	51.37 4.46 -0.01	50.40 4.33 -2.38	50.92 4.23 -4.44	45.22 3.64 -5.56	45.73 4.03 -2.23	46.38 3.60 -6.78	49.90 3.95 -6.08	55.70 4.32 -8.59	59.67 5.04 -5.18	54.80 5.03 -0.01	45.45 4.17 -0.01	41.92 3.53 -0.01	38.42 2.98 -0.01
GREENWD_138_KV_38B11_REV_LBMP_J 345004	54.55 2.22 -23.93	53.88 1.83 -27.61	53.88 1.88 -26.96	36.27 1.81 -9.97	36.98 1.75 -11.88	38.21 2.41 -1.35	53.96 3.78 -5.20	58.25 4.28 -9.40	59.05 5.18 -0.98	59.26 5.18 -2.77	58.69 4.90 -5.27	57.52 4.97 -5.65	58.60 4.72 -10.19	56.18 4.61 -9.32	58.01 4.00 -17.99	56.22 4.30 -12.44	58.10 3.85 -18.24	89.13 4.23 -45.03	58.60 4.49 -11.32	97.02 5.19 -42.39	97.01 5.18 -42.07	58.55 4.13 -13.14	55.62 3.38 -13.86	54.57 2.76 -16.37
GRISSOM___SOLAR 323813	43.72 2.07 -13.24	42.55 1.74 -16.38	40.40 1.78 -13.58	39.98 1.74 -13.76	41.49 1.75 -16.38	39.00 2.69 -1.86	50.85 3.60 -2.27	61.22 3.70 -12.95	57.38 4.49 0.00	55.46 4.15 0.00	52.20 3.69 0.00	50.19 3.28 0.00	50.02 3.06 -3.27	45.35 3.00 -0.09	46.06 2.38 -7.65	44.85 2.56 -2.81	48.04 2.70 -9.33	51.51 3.27 -8.37	58.35 3.72 -11.84	60.88 4.30 -7.13	54.19 4.43 0.00	44.82 3.55 0.00	41.34 2.96 0.00	37.92 2.48 0.00
GROVEVILLE___HYD 323602	39.64 1.68 -9.55	37.72 1.47 -11.81	36.29 1.45 -9.80	35.81 1.40 -9.93	36.52 1.35 -11.82	37.72 1.93 -1.34	49.54 2.92 -1.64	57.22 3.30 -9.35	56.91 4.02 0.00	55.36 4.05 0.00	52.30 3.78 0.00	50.70 3.80 0.00	49.77 3.71 -2.36	45.91 3.59 -0.07	44.54 2.99 -5.52	44.70 3.20 -2.03	45.62 2.88 -6.73	49.06 3.15 -6.04	54.80 3.47 -8.54	58.79 4.20 -5.14	53.80 4.03 0.00	44.49 3.22 0.00	40.96 2.57 0.00	37.60 2.16 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	29.47 0.14 -0.92	25.70 0.12 -1.14	26.08 0.10 -0.94	25.54 0.10 -0.96	24.63 0.14 -1.14	34.79 0.21 -0.13	45.32 0.18 -0.16	45.47 0.00 -0.90	52.89 0.00 0.00	51.30 0.00 0.00	48.52 0.00 0.00	46.86 -0.05 0.00	43.83 -0.09 -0.23	42.26 0.00 -0.01	36.56 0.00 -0.53	39.71 0.04 -0.19	36.65 0.00 -0.65	40.41 -0.04 -0.58	43.66 0.04 -0.82	49.99 0.05 -0.50	49.72 -0.05 0.00	41.23 -0.04 0.00	38.46 0.08 0.00	35.55 0.11 0.00

HAMLTNNY_34_KV_TB 80303	29.53 0.14 -0.98	25.77 0.12 -1.21	26.15 0.10 -1.01	25.60 0.10 -1.02	24.70 0.14 -1.21	34.79 0.21 -0.14	45.33 0.18 -0.17	45.53 0.00 -0.96	52.89 0.00 0.00	51.25 -0.05 0.00	48.47 -0.05 0.00	46.81 -0.09 0.00	43.80 -0.13 -0.24	42.22 -0.04 -0.01	36.55 -0.04 -0.57	39.64 -0.04 -0.21	36.66 -0.04 -0.69	40.41 -0.08 -0.62	43.67 0.00 -0.88	50.02 0.05 -0.53	49.72 -0.05 0.00	41.27 0.00 0.00	38.50 0.12 0.00	35.55 0.11 0.00
HAMPSHIRE___PAPER_HYD 323593	27.70 -0.94 -0.23	23.89 -0.83 -0.28	24.47 -0.80 -0.23	23.96 -0.76 -0.24	22.81 -0.82 -0.28	33.45 -1.03 -0.03	43.62 -1.39 -0.04	43.44 -1.34 -0.21	51.20 -1.69 0.00	49.41 -1.90 0.00	46.68 -1.84 0.00	44.89 -2.02 0.00	41.91 -1.83 -0.05	40.36 -1.90 0.00	34.42 -1.73 -0.12	37.70 -1.82 -0.05	34.62 -1.55 -0.16	38.34 -1.67 -0.14	41.37 -1.63 -0.20	47.59 -1.98 -0.12	47.98 -1.79 0.00	39.83 -1.45 0.00	37.04 -1.34 0.00	34.20 -1.24 0.00
HARDSCRABBLE_WT_PWR 323673	26.53 -1.88 0.00	22.82 -1.61 0.00	23.39 -1.65 0.00	22.90 -1.59 0.00	21.85 -1.49 0.00	32.38 -2.07 0.00	42.42 -2.56 0.00	42.25 -2.32 0.00	50.35 -2.54 0.00	48.94 -2.36 0.00	46.53 -1.99 0.00	45.07 -1.83 0.00	41.94 -1.75 0.00	40.36 -1.90 0.00	34.08 -1.95 0.00	37.18 -2.29 0.00	33.95 -2.05 0.00	37.44 -2.43 0.00	40.26 -2.52 0.00	46.33 -3.11 0.00	46.68 -3.09 0.00	38.75 -2.52 0.00	36.00 -2.38 0.00	33.17 -2.27 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	38.77 1.45 -8.91	36.71 1.25 -11.03	35.41 1.23 -9.14	34.95 1.20 -9.26	35.55 1.17 -11.03	37.32 1.62 -1.25	49.07 2.56 -1.53	56.24 2.94 -8.72	56.44 3.54 0.00	54.89 3.59 0.00	51.87 3.35 0.00	50.28 3.38 0.00	49.22 3.32 -2.20	45.53 3.21 -0.06	43.88 2.70 -5.15	44.25 2.88 -1.89	44.88 2.59 -6.28	48.38 2.87 -5.64	53.88 3.12 -7.97	57.95 3.71 -4.80	53.35 3.58 0.00	44.16 2.89 0.00	40.65 2.26 0.00	37.28 1.84 0.00
HARSNRAD_115KV_TB1 81005	27.64 -2.16 -1.39	24.35 -1.81 -1.72	24.46 -2.00 -1.43	23.93 -2.01 -1.45	23.41 -1.66 -1.72	31.96 -2.69 -0.20	40.99 -4.23 -0.24	40.64 -4.37 -0.44	41.79 -5.55 5.55	39.90 -5.59 5.81	40.45 -5.00 3.07	40.52 -4.78 1.60	32.89 -4.72 6.08	32.24 -4.23 5.79	29.97 -3.60 2.45	28.47 -4.11 6.90	29.51 -3.82 2.67	35.59 -4.19 0.10	39.88 -4.15 -1.24	45.45 -4.75 -0.75	44.84 -4.93 0.00	38.10 -3.18 0.00	35.93 -2.46 0.00	33.28 -2.16 0.00
HARZA MOOSE___RIVER 24016	28.84 0.14 -0.29	24.89 0.10 -0.36	25.41 0.08 -0.29	24.88 0.10 -0.30	23.78 0.07 -0.36	34.73 0.24 -0.04	45.34 0.31 -0.05	45.05 0.22 -0.25	53.16 0.26 0.00	51.30 0.00 0.00	48.47 -0.05 0.00	46.62 -0.28 0.00	43.50 -0.26 -0.06	41.96 -0.30 0.00	35.78 -0.40 -0.15	39.17 -0.36 -0.05	36.06 -0.14 -0.20	39.93 -0.12 -0.18	43.13 0.09 -0.26	49.55 -0.05 -0.15	49.87 0.10 0.00	41.40 0.12 0.00	38.50 0.12 0.00	35.47 0.04 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	29.21 -0.03 -0.83	25.42 -0.05 -1.03	25.82 -0.08 -0.85	25.28 -0.07 -0.86	24.35 -0.02 -1.03	34.53 -0.03 -0.12	44.99 -0.13 -0.14	45.07 -0.31 -0.81	52.52 -0.37 0.00	50.94 -0.36 0.00	48.18 -0.34 0.00	46.53 -0.38 0.00	43.55 -0.35 -0.21	41.97 -0.30 -0.01	36.29 -0.22 -0.48	39.41 -0.24 -0.18	36.37 -0.22 -0.59	40.12 -0.28 -0.53	43.27 -0.26 -0.74	49.60 -0.30 -0.45	49.42 -0.35 0.00	40.99 -0.29 0.00	38.23 -0.15 0.00	35.30 -0.14 0.00
HELLGATE_13_KV_LD 55870	40.02 2.02 -9.59	37.97 1.66 -11.87	36.58 1.70 -9.84	36.08 1.62 -9.97	36.79 1.56 -11.88	37.94 2.14 -1.35	50.04 3.42 -1.65	57.88 3.92 -9.39	57.65 4.76 0.00	56.08 4.77 -0.01	53.04 4.51 -0.01	51.51 4.60 -0.01	50.43 4.37 -2.37	46.60 4.27 -0.07	45.29 3.71 -5.56	45.46 3.95 -2.04	46.34 3.56 -6.77	50.79 3.91 -7.01	55.52 4.15 -8.58	59.41 4.80 -5.17	54.54 4.78 0.00	45.07 3.80 0.00	41.46 3.07 0.00	37.92 2.48 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	40.02 2.02 -9.59	37.97 1.66 -11.87	36.58 1.70 -9.84	36.08 1.62 -9.97	36.79 1.56 -11.88	37.94 2.14 -1.35	50.04 3.42 -1.65	57.88 3.92 -9.39	57.65 4.76 0.00	56.08 4.77 -0.01	53.04 4.51 -0.01	51.51 4.60 -0.01	50.43 4.37 -2.37	46.60 4.27 -0.07	45.29 3.71 -5.56	45.46 3.95 -2.04	46.34 3.56 -6.77	50.79 3.91 -7.01	55.52 4.15 -8.58	59.41 4.80 -5.17	54.54 4.78 0.00	45.07 3.80 0.00	41.46 3.07 0.00	37.92 2.48 0.00
HEMPSTEAD____ 23647	40.12 2.10 -9.61	38.13 1.81 -11.88	36.61 1.73 -9.84	36.08 1.62 -9.97	36.91 1.68 -11.88	38.17 2.38 -1.35	50.37 3.73 -1.66	57.99 4.01 -9.41	57.67 4.76 -0.01	55.94 4.62 -0.01	52.85 4.32 -0.01	51.23 4.31 -0.01	50.27 4.20 -2.38	52.76 4.06 -6.44	45.12 3.53 -5.56	45.62 3.83 -2.32	46.24 3.46 -6.78	49.74 3.79 -6.08	55.49 4.11 -8.60	59.42 4.79 -5.18	54.61 4.83 -0.01	45.17 3.88 -0.01	41.66 3.26 -0.01	38.18 2.73 -0.01
HEWLETT_69_KV_BK3 55828	40.35 2.33 -9.61	38.33 2.00 -11.88	36.79 1.90 -9.84	36.25 1.79 -9.97	37.07 1.84 -11.88	38.45 2.65 -1.35	50.64 4.00 -1.66	58.30 4.32 -9.41	57.98 5.08 -0.01	56.29 4.98 -0.01	53.14 4.61 -0.01	51.52 4.60 -0.01	50.49 4.41 -2.39	53.51 4.27 -6.98	45.37 3.78 -5.56	45.85 4.03 -2.34	46.46 3.67 -6.78	49.98 4.03 -6.08	55.71 4.32 -8.60	59.67 5.04 -5.18	54.91 5.13 -0.01	45.46 4.17 -0.01	41.89 3.49 -0.01	38.43 2.98 -0.01
HICKLING___1 23621	29.97 -0.82 -2.38	26.68 -0.71 -2.95	26.68 -0.80 -2.45	26.18 -0.78 -2.48	25.72 -0.58 -2.95	33.89 -0.90 -0.34	44.08 -1.30 -0.41	42.74 -1.16 0.67	45.71 -1.27 5.91	43.77 -1.33 6.20	43.96 -1.31 3.25	43.87 -1.36 1.67	35.64 -1.27 6.79	34.85 -1.23 6.18	31.65 -1.08 3.29	30.66 -1.18 7.63	31.98 -1.30 2.73	37.88 -1.44 0.56	43.64 -1.28 -2.13	49.35 -1.38 -1.28	48.27 -1.49 0.00	40.53 -0.74 0.00	37.96 -0.42 0.00	35.16 -0.28 0.00
HICKLING___2 23622	29.97 -0.82 -2.38	26.68 -0.71 -2.95	26.68 -0.80 -2.45	26.18 -0.78 -2.48	25.72 -0.58 -2.95	33.89 -0.90 -0.34	44.08 -1.30 -0.41	42.74 -1.16 0.67	45.71 -1.27 5.91	43.77 -1.33 6.20	43.96 -1.31 3.25	43.87 -1.36 1.67	35.64 -1.27 6.79	34.85 -1.23 6.18	31.65 -1.08 3.29	30.66 -1.18 7.63	31.98 -1.30 2.73	37.88 -1.44 0.56	43.64 -1.28 -2.13	49.35 -1.38 -1.28	48.27 -1.49 0.00	40.53 -0.74 0.00	37.96 -0.42 0.00	35.16 -0.28 0.00
HIGH FALLS___HY 23754	39.48 1.53 -9.53	37.55 1.32 -11.79	36.12 1.30 -9.78	35.64 1.25 -9.91	36.36 1.21 -11.80	37.48 1.69 -1.34	49.31 2.70 -1.64	56.93 3.03 -9.33	56.49 3.60 0.00	54.89 3.59 0.00	51.87 3.35 0.00	50.24 3.33 0.00	49.33 3.28 -2.36	45.49 3.17 -0.07	44.24 2.70 -5.51	44.42 2.92 -2.02	45.36 2.63 -6.72	48.85 2.95 -6.03	54.57 3.25 -8.53	58.54 3.96 -5.13	53.50 3.73 0.00	44.29 3.01 0.00	40.76 2.38 0.00	37.39 1.95 0.00
HIGH_RIVER___SOLAR 323847	42.64 1.48 -12.76	41.46 1.25 -15.78	39.40 1.28 -13.08	38.99 1.25 -13.26	40.37 1.24 -15.79	38.10 1.86 -1.80	49.73 2.56 -2.19	59.73 2.67 -12.48	56.06 3.17 0.00	54.12 2.82 0.00	51.04 2.52 0.00	49.11 2.21 0.00	48.94 2.10 -3.15	44.41 2.07 -0.09	45.09 1.69 -7.37	44.04 1.86 -2.71	46.87 1.87 -8.99	50.29 2.35 -8.07	56.89 2.70 -11.41	59.43 3.12 -6.87	52.95 3.19 0.00	43.83 2.56 0.00	40.49 2.11 0.00	37.17 1.74 0.00

HILLBURN___GT 23639	38.92 1.48 -9.03	36.88 1.27 -11.17	35.58 1.28 -9.27	35.10 1.22 -9.39	35.72 1.19 -11.18	37.41 1.69 -1.27	49.23 2.70 -1.55	56.48 3.07 -8.84	56.65 3.76 0.00	55.05 3.74 0.00	52.01 3.50 0.00	50.42 3.52 0.00	49.38 3.45 -2.23	45.66 3.34 -0.06	44.13 2.88 -5.22	44.43 3.04 -1.92	45.08 2.70 -6.37	48.58 2.99 -5.71	54.12 3.25 -8.08	58.17 3.86 -4.86	53.55 3.78 0.00	44.25 2.97 0.00	40.73 2.34 0.00	37.35 1.91 0.00
HILLSIDE_115KV_TB1 80332	29.82 -1.05 -2.46	26.57 -0.90 -3.04	26.56 -1.00 -2.52	26.09 -0.96 -2.55	25.62 -0.77 -3.04	33.59 -1.21 -0.35	43.69 -1.71 -0.42	42.68 -1.47 0.42	45.49 -1.75 5.66	43.63 -1.74 5.93	43.71 -1.70 3.11	43.62 -1.69 1.60	35.68 -1.57 6.44	34.82 -1.52 5.91	31.67 -1.33 3.02	30.80 -1.42 7.25	31.88 -1.55 2.58	37.76 -1.71 0.40	43.32 -1.67 -2.20	48.94 -1.83 -1.32	47.83 -1.94 0.00	40.20 -1.07 0.00	37.58 -0.81 0.00	34.84 -0.60 0.00
HISHELDN_WT_PWR 323625	27.66 -2.53 -1.78	24.49 -2.15 -2.20	24.54 -2.33 -1.82	24.08 -2.25 -1.85	23.64 -1.91 -2.20	31.74 -2.96 -0.25	41.01 -4.27 -0.31	40.24 -4.41 -0.08	28.75 -5.50 18.64	26.29 -5.49 19.53	33.11 -5.09 10.32	36.55 -4.97 5.38	18.11 -4.81 20.78	18.27 -4.52 19.47	23.11 -3.85 9.06	11.69 -4.30 23.48	21.82 -4.03 10.16	34.14 -4.43 1.30	40.01 -4.36 -1.59	45.56 -4.84 -0.96	44.99 -4.78 0.00	38.18 -3.10 0.00	36.00 -2.38 0.00	33.49 -1.95 0.00
HOLTSVILLE_IC_1 23690	40.03 2.02 -9.60	38.03 1.71 -11.88	36.46 1.58 -9.84	35.91 1.44 -9.97	36.88 1.66 -11.88	38.04 2.24 -1.35	50.59 3.96 -1.66	57.76 3.79 -9.40	57.18 4.28 -0.01	55.36 4.05 -0.01	52.12 3.59 -0.01	50.71 3.80 -0.01	49.87 3.80 -2.38	50.29 3.72 -4.32	44.64 3.06 -5.56	45.53 3.83 -2.23	45.98 3.20 -6.78	49.50 3.55 -6.08	55.45 4.07 -8.59	59.52 4.90 -5.18	54.35 4.58 -0.01	45.21 3.92 -0.01	41.96 3.57 -0.01	38.39 2.94 -0.01
HOLTSVILLE_IC_10 23699	40.15 2.13 -9.60	38.15 1.83 -11.88	36.59 1.70 -9.84	35.98 1.52 -9.97	36.98 1.75 -11.88	38.21 2.41 -1.35	50.86 4.23 -1.66	57.98 4.01 -9.40	57.50 4.60 -0.01	55.62 4.31 -0.01	52.41 3.88 -0.01	50.95 4.03 -0.01	50.14 4.06 -2.38	50.54 3.93 -4.35	44.83 3.24 -5.56	45.77 4.07 -2.23	46.20 3.42 -6.78	49.74 3.79 -6.08	55.75 4.37 -8.59	59.92 5.29 -5.18	54.66 4.88 -0.01	45.45 4.17 -0.01	42.19 3.80 -0.01	38.60 3.15 -0.01
HOLTSVILLE_IC_2 23691	40.03 2.02 -9.60	38.03 1.71 -11.88	36.46 1.58 -9.84	35.91 1.44 -9.97	36.88 1.66 -11.88	38.04 2.24 -1.35	50.59 3.96 -1.66	57.76 3.79 -9.40	57.18 4.28 -0.01	55.36 4.05 -0.01	52.12 3.59 -0.01	50.71 3.80 -0.01	49.87 3.80 -2.38	50.29 3.72 -4.32	44.64 3.06 -5.56	45.53 3.83 -2.23	45.98 3.20 -6.78	49.50 3.55 -6.08	55.45 4.07 -8.59	59.52 4.90 -5.18	54.35 4.58 -0.01	45.21 3.92 -0.01	41.96 3.57 -0.01	38.39 2.94 -0.01
HOLTSVILLE_IC_3 23692	40.03 2.02 -9.60	38.03 1.71 -11.88	36.46 1.58 -9.84	35.91 1.44 -9.97	36.88 1.66 -11.88	38.04 2.24 -1.35	50.59 3.96 -1.66	57.76 3.79 -9.40	57.18 4.28 -0.01	55.36 4.05 -0.01	52.12 3.59 -0.01	50.71 3.80 -0.01	49.87 3.80 -2.38	50.29 3.72 -4.32	44.64 3.06 -5.56	45.53 3.83 -2.23	45.98 3.20 -6.78	49.50 3.55 -6.08	55.45 4.07 -8.59	59.52 4.90 -5.18	54.35 4.58 -0.01	45.21 3.92 -0.01	41.96 3.57 -0.01	38.39 2.94 -0.01
HOLTSVILLE_IC_4 23693	40.03 2.02 -9.60	38.03 1.71 -11.88	36.46 1.58 -9.84	35.91 1.44 -9.97	36.88 1.66 -11.88	38.04 2.24 -1.35	50.59 3.96 -1.66	57.76 3.79 -9.40	57.18 4.28 -0.01	55.36 4.05 -0.01	52.12 3.59 -0.01	50.71 3.80 -0.01	49.87 3.80 -2.38	50.29 3.72 -4.32	44.64 3.06 -5.56	45.53 3.83 -2.23	45.98 3.20 -6.78	49.50 3.55 -6.08	55.45 4.07 -8.59	59.52 4.90 -5.18	54.35 4.58 -0.01	45.21 3.92 -0.01	41.96 3.57 -0.01	38.39 2.94 -0.01
HOLTSVILLE_IC_5 23694	40.03 2.02 -9.60	38.03 1.71 -11.88	36.46 1.58 -9.84	35.91 1.44 -9.97	36.88 1.66 -11.88	38.04 2.24 -1.35	50.59 3.96 -1.66	57.76 3.79 -9.40	57.18 4.28 -0.01	55.36 4.05 -0.01	52.12 3.59 -0.01	50.71 3.80 -0.01	49.87 3.80 -2.38	50.29 3.72 -4.32	44.64 3.06 -5.56	45.53 3.83 -2.23	45.98 3.20 -6.78	49.50 3.55 -6.08	55.45 4.07 -8.59	59.52 4.90 -5.18	54.35 4.58 -0.01	45.21 3.92 -0.01	41.96 3.57 -0.01	38.39 2.94 -0.01
HOLTSVILLE_IC_6 23695	40.15 2.13 -9.60	38.15 1.83 -11.88	36.59 1.70 -9.84	35.98 1.52 -9.97	36.98 1.75 -11.88	38.21 2.41 -1.35	50.86 4.23 -1.66	57.98 4.01 -9.40	57.50 4.60 -0.01	55.62 4.31 -0.01	52.41 3.88 -0.01	50.95 4.03 -0.01	50.14 4.06 -2.38	50.54 3.93 -4.35	44.83 3.24 -5.56	45.77 4.07 -2.23	46.20 3.42 -6.78	49.74 3.79 -6.08	55.75 4.37 -8.59	59.92 5.29 -5.18	54.66 4.88 -0.01	45.45 4.17 -0.01	42.19 3.80 -0.01	38.60 3.15 -0.01
HOLTSVILLE_IC_7 23696	40.15 2.13 -9.60	38.15 1.83 -11.88	36.59 1.70 -9.84	35.98 1.52 -9.97	36.98 1.75 -11.88	38.21 2.41 -1.35	50.86 4.23 -1.66	57.98 4.01 -9.40	57.50 4.60 -0.01	55.62 4.31 -0.01	52.41 3.88 -0.01	50.95 4.03 -0.01	50.14 4.06 -2.38	50.54 3.93 -4.35	44.83 3.24 -5.56	45.77 4.07 -2.23	46.20 3.42 -6.78	49.74 3.79 -6.08	55.75 4.37 -8.59	59.92 5.29 -5.18	54.66 4.88 -0.01	45.45 4.17 -0.01	42.19 3.80 -0.01	38.60 3.15 -0.01
HOLTSVILLE_IC_8 23697	40.15 2.13 -9.60	38.15 1.83 -11.88	36.59 1.70 -9.84	35.98 1.52 -9.97	36.98 1.75 -11.88	38.21 2.41 -1.35	50.86 4.23 -1.66	57.98 4.01 -9.40	57.50 4.60 -0.01	55.62 4.31 -0.01	52.41 3.88 -0.01	50.95 4.03 -0.01	50.14 4.06 -2.38	50.54 3.93 -4.35	44.83 3.24 -5.56	45.77 4.07 -2.23	46.20 3.42 -6.78	49.74 3.79 -6.08	55.75 4.37 -8.59	59.92 5.29 -5.18	54.66 4.88 -0.01	45.45 4.17 -0.01	42.19 3.80 -0.01	38.60 3.15 -0.01
HOLTSVILLE_IC_9 23698	40.15 2.13 -9.60	38.15 1.83 -11.88	36.59 1.70 -9.84	35.98 1.52 -9.97	36.98 1.75 -11.88	38.21 2.41 -1.35	50.86 4.23 -1.66	57.98 4.01 -9.40	57.50 4.60 -0.01	55.62 4.31 -0.01	52.41 3.88 -0.01	50.95 4.03 -0.01	50.14 4.06 -2.38	50.54 3.93 -4.35	44.83 3.24 -5.56	45.77 4.07 -2.23	46.20 3.42 -6.78	49.74 3.79 -6.08	55.75 4.37 -8.59	59.92 5.29 -5.18	54.66 4.88 -0.01	45.45 4.17 -0.01	42.19 3.80 -0.01	38.60 3.15 -0.01
HOMER_HL_115KV_TB2 355744	27.52 -2.67 -1.78	24.37 -2.27 -2.20	24.41 -2.45 -1.83	23.91 -2.42 -1.85	23.50 -2.05 -2.20	31.46 -3.24 -0.25	40.79 -4.50 -0.31	39.93 -4.99 -0.35	44.93 -5.45 2.52	43.43 -5.23 2.64	42.14 -5.00 1.38	41.27 -4.93 0.71	36.55 -4.41 2.73	35.24 -4.39 2.63	31.11 -3.89 1.02	32.22 -4.14 3.11	31.47 -3.56 0.98	35.95 -4.03 -0.10	40.10 -4.28 -1.59	45.51 -4.90 -0.96	44.94 -4.83 0.00	38.96 -2.31 0.00	36.58 -1.80 0.00	34.13 -1.31 0.00
HOWARD_WT_PWR 323690	28.02 -2.44 -2.05	24.87 -2.10 -2.54	24.89 -2.25 -2.10	24.71 -1.91 -2.13	24.37 -1.52 -2.54	32.67 -2.07 -0.29	42.63 -2.70 -0.35	40.94 -2.67 0.96	54.93 -3.28 -5.32	53.49 -3.39 -5.57	48.15 -3.35 -2.98	45.16 -3.33 -1.59	46.18 -3.19 -5.67	44.68 -3.13 -5.55	35.39 -2.67 -2.03	43.02 -2.92 -6.47	36.31 -2.81 -3.12	36.94 -2.99 -0.06	41.88 -2.74 -1.83	47.63 -2.92 -1.10	46.98 -2.79 0.00	39.54 -1.73 0.00	37.15 -1.23 0.00	34.52 -0.92 0.00

HQ_GEN_CEDARS 23644	28.13 -0.28 0.00	24.19 -0.24 0.00	24.86 -0.18 0.00	24.34 -0.15 0.00	23.07 -0.28 0.00	34.10 -0.34 0.00	44.53 -0.45 0.00	44.17 -0.40 0.00	52.42 -0.48 0.00	50.74 -0.56 0.00	47.94 -0.58 0.00	46.30 -0.61 0.00	43.21 -0.48 0.00	41.62 -0.63 0.00	35.48 -0.54 0.00	38.96 -0.51 0.00	35.50 -0.50 0.00	39.35 -0.52 0.00	42.15 -0.64 0.00	48.70 -0.74 0.00	49.22 -0.55 0.00	40.78 -0.50 0.00	38.04 -0.35 0.00	35.23 -0.21 0.00
HQ_GEN_CEDARS_PROXY 323590	28.13 -0.28 0.00	24.19 -0.24 0.00	24.87 -0.17 0.00	24.34 -0.15 0.00	23.07 -0.28 0.00	34.10 -0.34 0.00	44.49 -0.49 0.00	44.41 -0.40 -0.24	52.17 -0.48 0.24	50.74 -0.56 0.00	47.94 -0.58 0.00	46.29 -0.61 0.00	43.21 -0.48 0.00	41.62 -0.63 0.00	35.48 -0.54 0.00	38.96 -0.51 0.00	35.50 -0.50 0.00	39.35 -0.52 0.00	42.15 -0.64 0.00	48.71 -0.74 0.00	49.17 -0.59 0.00	40.78 -0.49 0.00	38.04 -0.35 0.00	35.23 -0.21 0.00
HQ_GEN_IMPORT 323601	28.13 -0.28 0.00	24.19 -0.24 0.00	24.84 -0.20 0.00	24.29 -0.20 0.00	23.12 -0.23 0.00	34.14 -0.31 0.00	44.53 -0.45 0.00	44.37 -0.45 -0.24	52.17 -0.48 0.24	50.84 -0.46 0.00	48.08 -0.44 0.00	46.48 -0.42 0.00	43.30 -0.39 0.00	41.79 -0.46 0.00	35.63 -0.40 0.00	39.08 -0.39 0.00	35.65 -0.36 0.00	39.47 -0.40 0.00	42.28 -0.51 0.00	48.85 -0.59 0.00	49.22 -0.55 0.00	40.82 -0.45 0.00	38.00 -0.38 0.00	35.15 -0.28 0.00
HQ_GEN_WHEEL 23651	28.13 -0.28 0.00	24.19 -0.24 0.00	24.84 -0.20 0.00	24.29 -0.20 0.00	23.12 -0.23 0.00	34.14 -0.31 0.00	44.53 -0.45 0.00	44.37 -0.45 -0.24	52.17 -0.48 0.24	50.84 -0.46 0.00	48.08 -0.44 0.00	46.48 -0.42 0.00	43.30 -0.39 0.00	41.79 -0.46 0.00	35.63 -0.40 0.00	39.08 -0.39 0.00	35.65 -0.36 0.00	39.47 -0.40 0.00	42.28 -0.51 0.00	48.85 -0.59 0.00	49.22 -0.55 0.00	40.82 -0.45 0.00	38.00 -0.38 0.00	35.15 -0.28 0.00
HUDSON AVE_GT_3 23810	39.88 1.88 -9.59	37.89 1.59 -11.87	36.48 1.60 -9.84	36.00 1.54 -9.97	36.72 1.49 -11.87	37.90 2.10 -1.35	50.00 3.37 -1.65	57.84 3.88 -9.39	57.55 4.65 0.00	55.92 4.62 0.00	52.89 4.37 0.00	51.36 4.46 0.00	50.30 4.24 -2.37	46.46 4.14 -0.07	45.17 3.60 -5.55	45.34 3.83 -2.04	46.23 3.46 -6.77	49.77 3.83 -6.07	55.43 4.06 -8.58	59.36 4.75 -5.17	54.49 4.73 0.00	45.03 3.76 0.00	41.38 2.99 0.00	37.81 2.37 0.00
HUDSON AVE_GT_4 23540	39.88 1.88 -9.59	37.89 1.59 -11.87	36.48 1.60 -9.84	36.00 1.54 -9.97	36.72 1.49 -11.87	37.90 2.10 -1.35	50.00 3.37 -1.65	57.84 3.88 -9.39	57.55 4.65 0.00	55.92 4.62 0.00	52.89 4.37 0.00	51.36 4.46 0.00	50.30 4.24 -2.37	46.46 4.14 -0.07	45.17 3.60 -5.55	45.34 3.83 -2.04	46.23 3.46 -6.77	49.77 3.83 -6.07	55.43 4.06 -8.58	59.36 4.75 -5.17	54.49 4.73 0.00	45.03 3.76 0.00	41.38 2.99 0.00	37.81 2.37 0.00
HUDSON AVE_GT_5 23657	39.88 1.88 -9.59	37.89 1.59 -11.87	36.48 1.60 -9.84	36.00 1.54 -9.97	36.72 1.49 -11.87	37.90 2.10 -1.35	50.00 3.37 -1.65	57.84 3.88 -9.39	57.55 4.65 0.00	55.92 4.62 0.00	52.89 4.37 0.00	51.36 4.46 0.00	50.30 4.24 -2.37	46.46 4.14 -0.07	45.17 3.60 -5.55	45.34 3.83 -2.04	46.23 3.46 -6.77	49.77 3.83 -6.07	55.43 4.06 -8.58	59.36 4.75 -5.17	54.49 4.73 0.00	45.03 3.76 0.00	41.38 2.99 0.00	37.81 2.37 0.00
HUDSON_AVE_10 24168	39.85 1.85 -9.59	37.84 1.54 -11.87	36.43 1.55 -9.84	35.95 1.49 -9.97	36.67 1.45 -11.87	37.83 2.03 -1.35	49.91 3.28 -1.65	57.79 3.83 -9.39	57.49 4.60 0.00	55.82 4.51 0.00	52.79 4.27 0.00	51.27 4.36 0.00	50.26 4.19 -2.37	46.38 4.06 -0.07	45.14 3.57 -5.55	45.30 3.79 -2.04	46.19 3.42 -6.77	49.69 3.75 -6.07	55.39 4.02 -8.58	59.31 4.70 -5.17	54.44 4.68 0.00	44.99 3.71 0.00	41.34 2.96 0.00	37.74 2.30 0.00
HUDSON___115KV_TB 4 355613	40.88 0.99 -11.47	39.49 0.86 -14.19	37.69 0.88 -11.77	37.27 0.86 -11.93	38.39 0.84 -14.20	37.34 1.27 -1.62	48.61 1.66 -1.97	57.72 1.92 -11.23	55.59 2.70 0.00	53.92 2.62 0.00	50.85 2.33 0.00	49.16 2.25 0.00	48.28 1.75 -2.84	44.28 1.94 -0.08	44.03 1.37 -6.63	43.37 1.46 -2.43	45.50 1.40 -8.09	48.84 1.71 -7.26	54.93 1.88 -10.26	57.90 2.27 -6.18	52.35 2.59 0.00	43.38 2.10 0.00	40.07 1.69 0.00	37.10 1.67 0.00
HUNTER MOUNT___DRP 323613	40.45 0.85 -11.19	39.01 0.73 -13.84	37.27 0.75 -11.48	36.85 0.73 -11.63	37.92 0.72 -13.85	37.13 1.10 -1.58	48.34 1.44 -1.92	57.17 1.65 -10.95	55.64 2.75 0.00	54.02 2.72 0.00	50.90 2.38 0.00	49.16 2.25 0.00	47.99 1.53 -2.76	44.28 1.94 -0.08	43.65 1.15 -6.47	43.03 1.18 -2.37	45.08 1.19 -7.89	48.42 1.48 -7.08	54.42 1.63 -10.01	57.50 2.03 -6.03	52.40 2.64 0.00	43.42 2.15 0.00	40.15 1.77 0.00	37.21 1.77 0.00
HUNTINGTON_RES_REC 323705	40.23 2.22 -9.60	38.20 1.88 -11.88	36.66 1.78 -9.84	36.08 1.62 -9.97	37.00 1.77 -11.88	38.28 2.48 -1.35	50.73 4.09 -1.66	58.12 4.15 -9.40	57.71 4.81 -0.01	55.93 4.62 -0.01	52.75 4.22 -0.01	51.23 4.31 -0.01	50.31 4.24 -2.38	50.73 4.10 -4.38	45.04 3.46 -5.56	45.73 4.03 -2.23	46.31 3.53 -6.78	49.86 3.91 -6.08	55.79 4.41 -8.59	59.81 5.19 -5.18	54.85 5.08 -0.01	45.49 4.21 -0.01	42.04 3.65 -0.01	38.50 3.05 -0.01
HUNTLEY___63 23557	27.93 -1.90 -1.43	24.62 -1.59 -1.77	24.70 -1.80 -1.47	24.16 -1.81 -1.49	23.67 -1.45 -1.77	32.20 -2.45 -0.20	41.18 -4.05 -0.25	40.84 -4.19 -0.46	42.89 -5.24 4.76	41.08 -5.23 4.99	41.18 -4.71 2.63	41.08 -4.46 1.37	34.12 -4.37 5.20	33.40 -3.89 4.97	30.62 -3.35 2.06	29.74 -3.83 5.91	30.22 -3.56 2.22	35.90 -3.95 0.03	40.17 -3.89 -1.28	45.72 -4.50 -0.77	45.09 -4.68 0.00	38.43 -2.85 0.00	36.27 -2.11 0.00	33.60 -1.84 0.00
HUNTLEY___64 23558	27.93 -1.90 -1.43	24.62 -1.59 -1.77	24.70 -1.80 -1.47	24.16 -1.81 -1.49	23.67 -1.45 -1.77	32.20 -2.45 -0.20	41.18 -4.05 -0.25	40.84 -4.19 -0.46	42.89 -5.24 4.76	41.08 -5.23 4.99	41.18 -4.71 2.63	41.08 -4.46 1.37	34.12 -4.37 5.20	33.40 -3.89 4.97	30.62 -3.35 2.06	29.74 -3.83 5.91	30.22 -3.56 2.22	35.90 -3.95 0.03	40.17 -3.89 -1.28	45.72 -4.50 -0.77	45.09 -4.68 0.00	38.43 -2.85 0.00	36.27 -2.11 0.00	33.60 -1.84 0.00
HUNTLEY___65 23559	27.93 -1.90 -1.43	24.62 -1.59 -1.77	24.70 -1.80 -1.47	24.16 -1.81 -1.49	23.67 -1.45 -1.77	32.20 -2.45 -0.20	41.18 -4.05 -0.25	40.84 -4.19 -0.46	42.89 -5.24 4.76	41.08 -5.23 4.99	41.18 -4.71 2.63	41.08 -4.46 1.37	34.12 -4.37 5.20	33.40 -3.89 4.97	30.62 -3.35 2.06	29.74 -3.83 5.91	30.22 -3.56 2.22	35.90 -3.95 0.03	40.17 -3.89 -1.28	45.72 -4.50 -0.77	45.09 -4.68 0.00	38.43 -2.85 0.00	36.27 -2.11 0.00	33.60 -1.84 0.00
HUNTLEY___66 23560	27.93 -1.90 -1.43	24.62 -1.59 -1.77	24.70 -1.80 -1.47	24.16 -1.81 -1.49	23.67 -1.45 -1.77	32.20 -2.45 -0.20	41.18 -4.05 -0.25	40.84 -4.19 -0.46	42.89 -5.24 4.76	41.08 -5.23 4.99	41.18 -4.71 2.63	41.08 -4.46 1.37	34.12 -4.37 5.20	33.40 -3.89 4.97	30.62 -3.35 2.06	29.74 -3.83 5.91	30.22 -3.56 2.22	35.90 -3.95 0.03	40.17 -3.89 -1.28	45.72 -4.50 -0.77	45.09 -4.68 0.00	38.43 -2.85 0.00	36.27 -2.11 0.00	33.60 -1.84 0.00

HUNTLEY___67 23561	27.76 -2.10 -1.45	24.47 -1.76 -1.79	24.57 -1.95 -1.49	24.03 -1.96 -1.51	23.53 -1.61 -1.79	32.00 -2.65 -0.20	41.09 -4.14 -0.25	40.71 -4.32 -0.46	42.89 -5.34 4.66	41.09 -5.34 4.88	41.14 -4.80 2.57	40.97 -4.60 1.34	34.15 -4.46 5.09	33.38 -4.01 4.86	30.60 -3.42 2.01	29.83 -3.87 5.78	30.28 -3.56 2.16	35.83 -4.03 0.02	40.11 -3.98 -1.30	45.63 -4.60 -0.78	44.99 -4.78 0.00	38.34 -2.93 0.00	36.16 -2.23 0.00	33.49 -1.95 0.00
HUNTLEY___68 23562	27.76 -2.10 -1.45	24.47 -1.76 -1.79	24.57 -1.95 -1.49	24.03 -1.96 -1.51	23.53 -1.61 -1.79	32.00 -2.65 -0.20	41.09 -4.14 -0.25	40.71 -4.32 -0.46	42.89 -5.34 4.66	41.09 -5.34 4.88	41.14 -4.80 2.57	40.97 -4.60 1.34	34.15 -4.46 5.09	33.38 -4.01 4.86	30.60 -3.42 2.01	29.83 -3.87 5.78	30.28 -3.56 2.16	35.83 -4.03 0.02	40.11 -3.98 -1.30	45.63 -4.60 -0.78	44.99 -4.78 0.00	38.34 -2.93 0.00	36.16 -2.23 0.00	33.49 -1.95 0.00
HYLAND___LFGE 323620	30.58 1.08 -1.09	26.81 1.03 -1.35	27.21 1.05 -1.12	26.60 0.98 -1.13	25.68 0.98 -1.35	36.05 1.45 -0.15	46.74 1.57 -0.19	46.15 1.07 -0.51	50.71 0.42 2.60	47.91 -0.67 2.72	46.26 -0.83 1.44	44.85 -1.31 0.75	39.39 -1.53 2.77	38.45 -1.10 2.71	34.26 -0.79 0.97	35.47 -0.83 3.17	34.36 -0.65 1.00	40.07 0.04 -0.16	44.66 0.90 -0.97	52.16 2.12 -0.59	51.95 2.19 0.00	43.17 1.90 0.00	40.34 1.96 0.00	36.79 1.35 0.00
INDECK___CORINTH 23802	42.66 2.05 -12.21	41.25 1.71 -15.10	39.32 1.75 -12.52	38.92 1.74 -12.69	40.19 1.73 -15.11	38.82 2.65 -1.72	50.63 3.55 -2.10	60.30 3.79 -11.95	57.75 4.86 0.00	56.02 4.72 0.00	52.89 4.37 0.00	51.08 4.17 0.00	50.38 3.67 -3.02	45.85 3.51 -0.08	45.97 2.88 -7.06	45.10 3.04 -2.59	47.64 3.02 -8.61	50.98 3.39 -7.72	57.43 3.72 -10.92	60.27 4.25 -6.58	54.15 4.38 0.00	44.74 3.47 0.00	41.22 2.84 0.00	37.78 2.34 0.00
INDECK___ILION 23567	26.56 -1.85 0.00	22.82 -1.61 0.00	23.41 -1.63 0.00	22.92 -1.57 0.00	21.86 -1.49 0.00	32.42 -2.03 0.00	42.46 -2.52 0.00	42.34 -2.23 0.00	50.46 -2.43 0.00	49.00 -2.31 0.00	46.63 -1.89 0.00	45.12 -1.78 0.00	41.99 -1.70 0.00	40.40 -1.86 0.00	34.12 -1.91 0.00	37.18 -2.29 0.00	33.99 -2.02 0.00	37.48 -2.39 0.00	40.31 -2.48 0.00	46.38 -3.07 0.00	46.78 -2.99 0.00	38.80 -2.48 0.00	36.04 -2.34 0.00	33.21 -2.23 0.00
INDECK___OLEAN 23982	27.52 -2.67 -1.78	24.37 -2.27 -2.20	24.41 -2.45 -1.83	23.94 -2.40 -1.85	23.50 -2.05 -2.20	31.46 -3.24 -0.25	40.83 -4.45 -0.31	39.93 -4.99 -0.35	44.56 -5.82 2.52	43.23 -5.44 2.64	42.09 -5.05 1.38	41.18 -5.02 0.71	36.42 -4.55 2.73	35.07 -4.56 2.63	31.11 -3.89 1.02	32.22 -4.14 3.11	31.46 -3.57 0.98	35.95 -4.03 -0.10	40.10 -4.28 -1.59	45.51 -4.90 -0.96	46.03 -3.73 0.00	39.00 -2.27 0.00	36.62 -1.77 0.00	34.09 -1.35 0.00
INDECK___OSWEGO 23783	28.76 -0.34 -0.69	25.00 -0.29 -0.85	25.42 -0.33 -0.71	24.88 -0.32 -0.72	23.95 -0.26 -0.85	34.17 -0.38 -0.10	44.51 -0.59 -0.12	44.39 -0.85 -0.67	51.78 -1.11 0.00	50.17 -1.13 0.00	47.45 -1.07 0.00	45.87 -1.03 0.00	42.86 -1.00 -0.17	41.33 -0.93 0.00	35.66 -0.76 -0.40	38.83 -0.79 -0.15	35.77 -0.72 -0.49	39.51 -0.80 -0.44	42.64 -0.77 -0.62	48.93 -0.89 -0.37	48.82 -0.95 0.00	40.53 -0.74 0.00	37.77 -0.62 0.00	34.91 -0.53 0.00
INDECK___YERKES 23781	27.94 -1.90 -1.43	24.64 -1.56 -1.77	24.73 -1.78 -1.47	24.21 -1.76 -1.49	23.69 -1.43 -1.77	32.20 -2.45 -0.20	41.27 -3.96 -0.25	40.88 -4.14 -0.46	42.84 -5.29 4.76	41.08 -5.23 4.99	41.28 -4.61 2.63	41.18 -4.36 1.37	34.12 -4.37 5.20	33.36 -3.93 4.97	30.65 -3.31 2.06	29.77 -3.79 5.91	30.25 -3.53 2.22	35.94 -3.91 0.03	40.22 -3.85 -1.28	45.77 -4.45 -0.77	45.29 -4.48 0.00	38.59 -2.68 0.00	36.31 -2.07 0.00	33.56 -1.88 0.00
INDIAN POINT_GT_1 24139	39.31 1.53 -9.37	37.35 1.32 -11.59	35.95 1.30 -9.61	35.50 1.27 -9.74	36.18 1.24 -11.60	37.49 1.72 -1.32	49.33 2.74 -1.61	56.91 3.16 -9.17	56.70 3.81 0.00	55.05 3.75 0.00	52.06 3.54 0.00	50.52 3.61 0.00	49.46 3.45 -2.32	45.70 3.38 -0.06	44.36 2.92 -5.42	44.58 3.12 -1.99	45.38 2.77 -6.61	48.83 3.03 -5.93	54.46 3.29 -8.38	58.40 3.91 -5.05	53.60 3.83 0.00	44.33 3.05 0.00	40.80 2.42 0.00	37.35 1.91 0.00
INDIAN POINT_GT_2 23659	39.31 1.53 -9.37	37.35 1.32 -11.59	35.95 1.30 -9.61	35.50 1.27 -9.74	36.18 1.24 -11.60	37.49 1.72 -1.32	49.33 2.74 -1.61	56.91 3.16 -9.17	56.70 3.81 0.00	55.05 3.75 0.00	52.06 3.54 0.00	50.52 3.61 0.00	49.46 3.45 -2.32	45.70 3.38 -0.06	44.36 2.92 -5.42	44.58 3.12 -1.99	45.38 2.77 -6.61	48.83 3.03 -5.93	54.46 3.29 -8.38	58.40 3.91 -5.05	53.60 3.83 0.00	44.33 3.05 0.00	40.80 2.42 0.00	37.35 1.91 0.00
INDIAN POINT_GT_3 24019	39.31 1.53 -9.37	37.35 1.32 -11.59	35.95 1.30 -9.61	35.50 1.27 -9.74	36.18 1.24 -11.60	37.49 1.72 -1.32	49.33 2.74 -1.61	56.91 3.16 -9.17	56.70 3.81 0.00	55.05 3.75 0.00	52.06 3.54 0.00	50.52 3.61 0.00	49.46 3.45 -2.32	45.70 3.38 -0.06	44.36 2.92 -5.42	44.58 3.12 -1.99	45.38 2.77 -6.61	48.83 3.03 -5.93	54.46 3.29 -8.38	58.40 3.91 -5.05	53.60 3.83 0.00	44.33 3.05 0.00	40.80 2.42 0.00	37.35 1.91 0.00
INDIAN POINT___2 23530	38.95 1.42 -9.13	36.95 1.22 -11.29	35.63 1.23 -9.36	35.15 1.18 -9.48	35.79 1.14 -11.29	37.35 1.62 -1.28	49.11 2.56 -1.57	56.49 2.99 -8.93	56.49 3.60 0.00	54.84 3.54 0.00	51.86 3.35 0.00	50.28 3.38 0.00	49.23 3.28 -2.26	45.53 3.21 -0.06	44.04 2.74 -5.28	44.33 2.92 -1.94	45.07 2.63 -6.43	48.52 2.87 -5.77	54.07 3.12 -8.16	58.07 3.71 -4.91	53.40 3.63 0.00	44.12 2.85 0.00	40.65 2.26 0.00	37.25 1.81 0.00
INDIAN POINT___3 23531	39.41 1.56 -9.44	37.46 1.34 -11.68	36.05 1.33 -9.68	35.60 1.30 -9.81	36.29 1.26 -11.68	37.53 1.76 -1.33	49.39 2.79 -1.62	57.02 3.21 -9.24	56.75 3.86 0.00	55.15 3.85 0.00	52.11 3.59 0.00	50.56 3.66 0.00	49.57 3.54 -2.33	45.74 3.42 -0.06	44.44 2.95 -5.46	44.63 3.16 -2.00	45.51 2.84 -6.66	48.95 3.11 -5.97	54.57 3.34 -8.44	58.49 3.96 -5.08	53.65 3.88 0.00	44.37 3.10 0.00	40.84 2.46 0.00	37.39 1.95 0.00
INGHAM_C_115KV_TB7 356103	26.39 -2.02 0.00	22.68 -1.76 0.00	23.26 -1.78 0.00	22.75 -1.74 0.00	21.72 -1.63 0.00	32.18 -2.27 0.00	42.19 -2.79 0.00	42.03 -2.54 0.00	50.04 -2.86 0.00	48.64 -2.67 0.00	46.24 -2.28 0.00	44.79 -2.11 0.00	41.68 -2.01 0.00	40.10 -2.16 0.00	33.86 -2.16 0.00	36.95 -2.53 0.00	33.74 -2.27 0.00	37.20 -2.67 0.00	40.01 -2.78 0.00	46.03 -3.41 0.00	46.43 -3.33 0.00	38.51 -2.77 0.00	35.77 -2.61 0.00	32.96 -2.48 0.00
IP CORINTH___1 23988	42.66 2.05 -12.21	41.25 1.71 -15.10	39.32 1.75 -12.52	38.92 1.74 -12.69	40.19 1.73 -15.11	38.82 2.65 -1.72	50.63 3.55 -2.10	60.31 3.79 -11.95	57.76 4.87 0.00	56.02 4.72 0.00	52.89 4.37 0.00	51.08 4.17 0.00	50.38 3.67 -3.02	45.89 3.55 -0.08	45.96 2.88 -7.06	45.10 3.04 -2.59	47.64 3.02 -8.61	50.98 3.39 -7.72	57.43 3.72 -10.92	60.32 4.30 -6.58	54.15 4.38 0.00	44.78 3.51 0.00	41.22 2.84 0.00	37.78 2.34 0.00

IP___TICONDEROGA 23804	43.58 2.98 -12.19	42.01 2.49 -15.08	40.10 2.55 -12.51	39.68 2.52 -12.67	40.94 2.50 -15.09	40.06 3.89 -1.72	52.20 5.13 -2.09	61.76 5.26 -11.93	59.66 6.77 0.00	57.72 6.41 0.00	54.49 5.97 0.00	52.53 5.63 0.00	51.64 4.94 -3.01	47.03 4.69 -0.08	46.89 3.82 -7.05	46.09 4.03 -2.59	48.67 4.07 -8.60	52.25 4.67 -7.71	58.96 5.26 -10.90	62.09 6.08 -6.57	56.04 6.27 0.00	46.31 5.04 0.00	42.53 4.15 0.00	38.88 3.44 0.00
ISLIP_RES_REC 323679	40.29 2.27 -9.60	38.25 1.93 -11.88	36.66 1.78 -9.84	36.08 1.62 -9.97	37.07 1.84 -11.88	38.35 2.55 -1.35	51.05 4.41 -1.66	58.25 4.28 -9.40	57.76 4.86 -0.01	55.88 4.56 -0.01	52.65 4.12 -0.01	51.23 4.31 -0.01	50.36 4.28 -2.38	50.82 4.18 -4.38	45.04 3.46 -5.56	45.97 4.26 -2.23	46.38 3.60 -6.78	49.94 3.99 -6.08	56.00 4.62 -8.59	60.16 5.54 -5.18	54.90 5.13 -0.01	45.66 4.37 -0.01	42.35 3.95 -0.01	38.71 3.26 -0.01
JAMAICA__27_KV_LOAD 355505	39.88 1.88 -9.59	37.87 1.56 -11.87	36.46 1.58 -9.84	35.98 1.52 -9.97	36.70 1.47 -11.87	37.90 2.10 -1.35	50.04 3.42 -1.65	57.88 3.92 -9.39	57.65 4.76 0.00	56.02 4.72 0.00	52.93 4.42 0.00	51.36 4.46 0.00	50.35 4.28 -2.37	46.51 4.18 -0.07	45.25 3.67 -5.55	45.38 3.87 -2.04	46.30 3.53 -6.77	49.89 3.95 -6.07	55.56 4.19 -8.58	59.61 4.99 -5.17	54.69 4.93 0.00	45.20 3.92 0.00	41.49 3.11 0.00	37.85 2.41 0.00
JANIS___SOLAR 323808	31.87 0.94 -2.52	28.36 0.81 -3.12	28.43 0.80 -2.58	27.89 0.78 -2.62	27.24 0.77 -3.12	36.04 1.24 -0.35	47.12 1.71 -0.43	51.17 1.69 -4.90	62.49 1.96 -7.64	60.75 1.43 -8.01	53.85 1.12 -4.22	49.83 0.75 -2.18	54.04 0.57 -9.78	50.83 0.55 -8.02	42.98 0.32 -6.64	50.59 0.39 -10.72	44.37 0.61 -7.76	44.50 0.88 -3.75	46.41 1.37 -2.25	52.43 1.63 -1.36	51.46 1.69 0.00	42.76 1.48 0.00	39.81 1.42 0.00	36.68 1.24 0.00
JARVIS____ 23743	28.58 0.17 0.00	24.58 0.15 0.00	25.17 0.13 0.00	24.61 0.12 0.00	23.49 0.14 0.00	34.66 0.21 0.00	45.30 0.32 0.00	44.93 0.35 0.00	53.31 0.42 0.00	51.71 0.41 0.00	48.91 0.39 0.00	47.28 0.37 0.00	44.04 0.35 0.00	42.64 0.38 0.00	36.31 0.29 0.00	39.75 0.28 0.00	36.29 0.29 0.00	40.15 0.28 0.00	43.13 0.34 0.00	49.79 0.35 0.00	50.16 0.40 0.00	41.56 0.29 0.00	38.62 0.23 0.00	35.62 0.18 0.00
JENNISON___1 23625	32.50 0.85 -3.24	29.17 0.73 -4.00	29.09 0.73 -3.32	28.56 0.71 -3.36	28.06 0.70 -4.01	36.01 1.10 -0.46	47.06 1.53 -0.56	50.14 1.74 -3.84	57.57 2.22 -2.46	55.78 1.90 -2.57	51.57 1.70 -1.36	48.97 1.36 -0.70	48.68 1.27 -3.71	46.08 1.23 -2.59	40.32 0.83 -3.47	44.24 0.83 -3.93	40.68 0.94 -3.74	43.47 1.08 -2.52	47.18 1.50 -2.89	52.72 1.53 -1.74	51.36 1.59 0.00	42.84 1.57 0.00	39.84 1.46 0.00	36.71 1.28 0.00
JENNISON___2 23626	32.50 0.85 -3.24	29.17 0.73 -4.00	29.09 0.73 -3.32	28.56 0.71 -3.36	28.06 0.70 -4.01	36.01 1.10 -0.46	47.06 1.53 -0.56	50.14 1.74 -3.84	57.57 2.22 -2.46	55.78 1.90 -2.57	51.57 1.70 -1.36	48.97 1.36 -0.70	48.68 1.27 -3.71	46.08 1.23 -2.59	40.32 0.83 -3.47	44.24 0.83 -3.93	40.68 0.94 -3.74	43.47 1.08 -2.52	47.18 1.50 -2.89	52.72 1.53 -1.74	51.36 1.59 0.00	42.84 1.57 0.00	39.84 1.46 0.00	36.71 1.28 0.00
JERICHO_RISE_WT_PWR 323719	27.27 -1.14 0.00	23.48 -0.95 0.00	24.26 -0.78 0.00	23.78 -0.71 0.00	22.49 -0.86 0.00	33.31 -1.14 0.00	43.27 -1.71 0.00	42.88 -1.69 0.00	50.77 -2.12 0.00	49.35 -1.95 0.00	46.63 -1.89 0.00	45.12 -1.78 0.00	42.03 -1.66 0.00	40.61 -1.65 0.00	34.76 -1.26 0.00	38.21 -1.26 0.00	34.82 -1.19 0.00	38.40 -1.47 0.00	41.03 -1.76 0.00	47.37 -2.07 0.00	47.88 -1.89 0.00	39.71 -1.57 0.00	37.08 -1.31 0.00	34.38 -1.06 0.00
KATONAH___115KV_46KV_TB4 355592	39.84 1.76 -9.67	37.94 1.54 -11.97	36.49 1.53 -9.92	36.01 1.47 -10.05	36.77 1.45 -11.97	37.84 2.03 -1.36	49.83 3.19 -1.66	57.60 3.57 -9.47	57.23 4.34 0.00	55.56 4.26 0.00	52.64 4.12 0.00	51.03 4.13 0.00	49.97 3.89 -2.39	46.13 3.80 -0.07	44.90 3.28 -5.59	45.00 3.47 -2.05	45.92 3.10 -6.82	49.38 3.39 -6.12	55.16 3.72 -8.65	59.01 4.35 -5.21	54.05 4.28 0.00	44.70 3.43 0.00	41.07 2.69 0.00	37.64 2.20 0.00
KCE_NY_1 323755	42.48 1.93 -12.14	41.09 1.64 -15.01	39.17 1.68 -12.45	38.77 1.67 -12.61	40.00 1.63 -15.02	38.64 2.48 -1.71	50.39 3.33 -2.08	59.97 3.52 -11.88	57.34 4.44 0.00	55.61 4.31 0.00	52.54 4.02 0.00	50.75 3.85 0.00	50.14 3.45 -3.00	45.64 3.30 -0.08	45.78 2.74 -7.02	44.97 2.92 -2.57	47.37 2.81 -8.56	50.70 3.15 -7.68	57.07 3.42 -10.85	59.94 3.96 -6.54	53.80 4.03 0.00	44.50 3.22 0.00	41.03 2.65 0.00	37.67 2.23 0.00
KCE_NY_6_ESR 323823	27.79 -2.13 -1.51	24.53 -1.78 -1.87	24.61 -1.98 -1.55	24.10 -1.96 -1.57	23.61 -1.61 -1.87	31.97 -2.69 -0.21	41.19 -4.05 -0.26	40.80 -4.24 -0.46	43.22 -5.24 4.44	41.52 -5.13 4.65	41.50 -4.56 2.45	41.22 -4.41 1.27	34.57 -4.28 4.84	33.70 -3.93 4.63	30.81 -3.31 1.90	30.26 -3.71 5.50	30.51 -3.46 2.04	36.01 -3.87 0.00	40.21 -3.94 -1.35	45.71 -4.55 -0.81	45.54 -4.23 0.00	38.84 -2.44 0.00	36.50 -1.88 0.00	33.84 -1.59 0.00
KEDC_PORT_JEFF_GT2 24210	40.15 2.13 -9.60	38.15 1.83 -11.88	36.59 1.70 -9.84	36.00 1.54 -9.97	36.98 1.75 -11.88	38.17 2.38 -1.35	50.82 4.18 -1.66	57.98 4.01 -9.40	57.50 4.60 -0.01	55.62 4.31 -0.01	52.41 3.88 -0.01	50.95 4.03 -0.01	50.14 4.06 -2.38	50.53 3.93 -4.34	44.86 3.28 -5.56	45.77 4.07 -2.23	46.20 3.42 -6.78	49.74 3.79 -6.08	55.75 4.37 -8.59	59.86 5.24 -5.18	54.66 4.88 -0.01	45.45 4.17 -0.01	42.19 3.80 -0.01	38.57 3.12 -0.01
KEDC_PORT_JEFF_GT3 24211	40.15 2.13 -9.60	38.15 1.83 -11.88	36.59 1.70 -9.84	36.00 1.54 -9.97	36.98 1.75 -11.88	38.17 2.38 -1.35	50.82 4.18 -1.66	57.98 4.01 -9.40	57.50 4.60 -0.01	55.62 4.31 -0.01	52.41 3.88 -0.01	50.95 4.03 -0.01	50.14 4.06 -2.38	50.53 3.93 -4.34	44.86 3.28 -5.56	45.77 4.07 -2.23	46.20 3.42 -6.78	49.74 3.79 -6.08	55.75 4.37 -8.59	59.86 5.24 -5.18	54.66 4.88 -0.01	45.45 4.17 -0.01	42.19 3.80 -0.01	38.57 3.12 -0.01
KEDC_GLWD_GT4 24219	40.12 2.10 -9.61	38.13 1.81 -11.89	36.64 1.75 -9.84	36.13 1.67 -9.97	36.91 1.68 -11.88	38.17 2.38 -1.35	50.37 3.73 -1.66	58.08 4.10 -9.41	57.77 4.86 -0.02	56.09 4.77 -0.02	53.05 4.51 -0.02	51.42 4.50 -0.02	50.41 4.33 -2.39	53.94 4.23 -7.46	45.26 3.68 -5.56	45.75 3.91 -2.37	46.32 3.53 -6.78	49.87 3.91 -6.08	55.58 4.20 -8.60	59.53 4.90 -5.18	54.71 4.93 -0.02	45.21 3.92 -0.02	41.62 3.22 -0.02	38.15 2.69 -0.02
KEDC_GLWD_GT5 24220	40.12 2.10 -9.61	38.13 1.81 -11.89	36.64 1.75 -9.84	36.13 1.67 -9.97	36.91 1.68 -11.88	38.17 2.38 -1.35	50.37 3.73 -1.66	58.08 4.10 -9.41	57.77 4.86 -0.02	56.09 4.77 -0.02	53.05 4.51 -0.02	51.42 4.50 -0.02	50.41 4.33 -2.39	53.94 4.23 -7.46	45.26 3.68 -5.56	45.75 3.91 -2.37	46.32 3.53 -6.78	49.87 3.91 -6.08	55.58 4.20 -8.60	59.53 4.90 -5.18	54.71 4.93 -0.02	45.21 3.92 -0.02	41.62 3.22 -0.02	38.15 2.69 -0.02

KENSICO____ 23655	39.69 1.70 -9.57	37.75 1.47 -11.84	36.34 1.48 -9.82	35.86 1.42 -9.95	36.58 1.38 -11.85	37.73 1.93 -1.35	49.73 3.10 -1.64	57.46 3.52 -9.37	57.12 4.23 0.00	55.51 4.21 0.00	52.50 3.98 0.00	50.94 4.03 0.00	49.90 3.85 -2.37	46.08 3.76 -0.07	44.80 3.24 -5.54	44.98 3.47 -2.03	45.85 3.10 -6.75	49.32 3.39 -6.05	55.03 3.68 -8.56	58.95 4.35 -5.16	54.00 4.23 0.00	44.66 3.38 0.00	41.11 2.73 0.00	37.60 2.16 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	38.99 1.45 -9.14	36.99 1.25 -11.30	35.66 1.25 -9.37	35.18 1.20 -9.50	35.83 1.17 -11.31	37.35 1.62 -1.29	49.11 2.56 -1.57	56.41 2.90 -8.94	56.44 3.54 0.00	54.84 3.54 0.00	51.72 3.20 0.00	50.09 3.19 0.00	49.05 3.10 -2.26	45.36 3.04 -0.06	43.87 2.56 -5.28	44.18 2.76 -1.94	44.93 2.48 -6.44	48.44 2.79 -5.78	54.04 3.08 -8.17	58.12 3.76 -4.92	53.35 3.58 0.00	44.16 2.89 0.00	40.69 2.30 0.00	37.35 1.91 0.00
KIAC_JFK_GT1 23816	39.74 1.73 -9.59	37.75 1.44 -11.87	36.33 1.45 -9.84	35.85 1.40 -9.97	36.58 1.35 -11.87	37.73 1.93 -1.35	49.77 3.15 -1.65	57.66 3.70 -9.39	57.33 4.44 0.00	55.72 4.41 0.00	52.64 4.12 0.00	51.08 4.17 0.00	50.13 4.06 -2.37	46.30 3.97 -0.07	45.07 3.49 -5.55	45.18 3.67 -2.04	46.08 3.31 -6.77	49.61 3.67 -6.07	55.31 3.94 -8.58	59.26 4.65 -5.17	54.39 4.63 0.00	44.99 3.71 0.00	41.30 2.92 0.00	37.67 2.23 0.00
KIAC_JFK_GT2 23817	39.74 1.73 -9.59	37.75 1.44 -11.87	36.33 1.45 -9.84	35.85 1.40 -9.97	36.58 1.35 -11.87	37.73 1.93 -1.35	49.77 3.15 -1.65	57.66 3.70 -9.39	57.33 4.44 0.00	55.72 4.41 0.00	52.64 4.12 0.00	51.08 4.17 0.00	50.13 4.06 -2.37	46.30 3.97 -0.07	45.07 3.49 -5.55	45.18 3.67 -2.04	46.08 3.31 -6.77	49.61 3.67 -6.07	55.31 3.94 -8.58	59.26 4.65 -5.17	54.39 4.63 0.00	44.99 3.71 0.00	41.30 2.92 0.00	37.67 2.23 0.00
KIAC_JFK____ 323774	39.74 1.73 -9.59	37.75 1.44 -11.87	36.33 1.45 -9.84	35.85 1.40 -9.97	36.58 1.35 -11.87	37.73 1.93 -1.35	49.77 3.15 -1.65	57.66 3.66 -9.39	57.34 4.44 0.00	55.72 4.41 0.00	52.64 4.12 0.00	51.08 4.17 0.00	50.08 4.02 -2.37	46.29 3.97 -0.07	45.07 3.49 -5.55	45.18 3.67 -2.04	46.08 3.31 -6.77	49.65 3.71 -6.07	55.30 3.93 -8.58	59.31 4.70 -5.17	54.40 4.63 0.00	44.95 3.67 0.00	41.30 2.92 0.00	37.71 2.27 0.00
KINTIGH____ 23543	28.10 -1.56 -1.25	24.69 -1.30 -1.55	24.87 -1.45 -1.28	24.34 -1.44 -1.30	23.73 -1.17 -1.55	32.70 -1.93 -0.18	42.05 -3.15 -0.21	41.71 -3.34 -0.48	44.68 -4.39 3.82	42.89 -4.41 4.01	42.48 -3.93 2.11	42.05 -3.75 1.10	35.79 -3.76 4.15	35.01 -3.25 3.99	31.70 -2.74 1.59	31.60 -3.16 4.72	31.39 -2.92 1.69	36.74 -3.19 -0.05	40.83 -3.51 -1.12	46.61 -3.73 -0.67	46.03 -2.56 0.00	38.72 -2.00 0.00	36.39 -1.81 0.00	33.63 -0.00 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	27.70 -0.71 0.00	23.83 -0.61 0.00	24.64 -0.40 0.00	24.14 -0.34 0.00	22.81 -0.54 0.00	33.86 -0.59 0.00	43.90 -1.08 0.00	43.50 -1.07 0.00	51.52 -1.38 0.00	50.18 -1.13 0.00	47.40 -1.12 0.00	45.83 -1.08 0.00	42.78 -0.92 0.00	41.29 -0.97 0.00	35.30 -0.72 0.00	38.84 -0.63 0.00	35.39 -0.61 0.00	39.07 -0.80 0.00	41.76 -1.03 0.00	48.21 -1.24 0.00	48.87 -0.90 0.00	40.45 -0.83 0.00	37.81 -0.58 0.00	35.01 -0.43 0.00
LACHUTE__HYDRO 323717	43.58 2.98 -12.19	42.01 2.49 -15.08	40.10 2.56 -12.51	39.68 2.52 -12.67	40.94 2.50 -15.09	40.06 3.89 -1.72	52.20 5.13 -2.09	61.76 5.26 -11.93	59.66 6.77 0.00	57.72 6.41 0.00	54.48 5.97 0.00	52.53 5.63 0.00	51.60 4.89 -3.01	46.99 4.65 -0.08	46.89 3.82 -7.05	46.09 4.03 -2.59	48.67 4.07 -8.60	52.25 4.66 -7.71	58.95 5.26 -10.90	62.09 6.08 -6.57	56.09 6.32 0.00	46.27 4.99 0.00	42.53 4.15 0.00	38.88 3.44 0.00
LAWRNCALV_115KV_TB1 80681	27.56 -0.85 0.00	23.68 -0.76 0.00	24.36 -0.68 0.00	23.88 -0.61 0.00	22.60 -0.75 0.00	33.45 -1.00 0.00	43.67 -1.30 0.00	43.32 -1.25 0.00	51.41 -1.48 0.00	49.71 -1.59 0.00	46.97 -1.55 0.00	45.31 -1.59 0.00	42.30 -1.40 0.00	40.74 -1.52 0.00	34.69 -1.33 0.00	38.09 -1.38 0.00	34.74 -1.26 0.00	38.52 -1.36 0.00	41.29 -1.50 0.00	47.67 -1.78 0.00	48.22 -1.54 0.00	39.95 -1.32 0.00	37.27 -1.11 0.00	34.48 -0.96 0.00
LEDERLE____ 23769	39.13 1.56 -9.16	37.11 1.34 -11.33	35.79 1.35 -9.40	35.31 1.30 -9.52	35.95 1.26 -11.34	37.56 1.83 -1.29	49.43 2.88 -1.57	56.82 3.30 -8.96	56.86 3.97 0.00	55.31 4.00 0.00	52.30 3.78 0.00	50.70 3.80 0.00	49.67 3.71 -2.26	45.91 3.59 -0.06	44.38 3.06 -5.29	44.69 3.28 -1.94	45.31 2.84 -6.46	48.78 3.11 -5.79	54.36 3.38 -8.19	58.38 4.01 -4.93	53.65 3.88 0.00	44.41 3.14 0.00	40.88 2.49 0.00	37.46 2.02 0.00
LIGHTHSE_115KV_TB6 355974	28.73 -0.31 -0.63	24.93 -0.29 -0.78	25.36 -0.33 -0.65	24.85 -0.29 -0.66	23.88 -0.26 -0.78	34.19 -0.34 -0.09	44.59 -0.49 -0.11	44.47 -0.71 -0.61	51.94 -0.95 0.00	50.23 -1.08 0.00	47.45 -1.07 0.00	45.73 -1.17 0.00	42.76 -1.09 -0.16	41.21 -1.06 0.00	35.45 -0.94 -0.36	38.62 -0.99 -0.13	35.62 -0.83 -0.45	39.40 -0.88 -0.40	42.59 -0.77 -0.57	48.90 -0.89 -0.34	48.92 -0.85 0.00	40.57 -0.70 0.00	37.81 -0.58 0.00	34.87 -0.57 0.00
LINDEN COGEN____ 23786	39.74 1.73 -9.59	37.75 1.44 -11.87	36.33 1.45 -9.84	35.88 1.42 -9.97	36.58 1.35 -11.87	37.69 1.89 -1.35	49.73 3.10 -1.65	57.57 3.61 -9.39	57.23 4.34 0.00	55.56 4.26 0.00	52.59 4.08 0.00	51.03 4.13 0.00	50.04 3.98 -2.37	46.21 3.89 -0.07	45.00 3.42 -5.55	45.10 3.59 -2.04	46.01 3.24 -6.77	49.53 3.59 -6.07	55.18 3.81 -8.58	59.07 4.45 -5.17	54.19 4.43 0.00	44.74 3.47 0.00	41.11 2.73 0.00	37.60 2.16 0.00
LINDHRST_69_KV_BK1 356055	40.46 2.44 -9.61	38.39 2.08 -11.88	36.86 1.98 -9.84	36.27 1.81 -9.97	37.16 1.94 -11.88	38.56 2.76 -1.35	51.00 4.36 -1.66	58.47 4.50 -9.40	58.19 5.29 -0.01	56.39 5.08 -0.01	53.24 4.71 -0.01	51.65 4.74 -0.01	50.66 4.59 -2.38	51.55 4.44 -4.86	45.37 3.78 -5.56	45.99 4.26 -2.25	46.56 3.78 -6.78	50.14 4.19 -6.08	56.00 4.62 -8.59	60.06 5.44 -5.18	55.15 5.37 -0.01	45.78 4.50 -0.01	42.27 3.88 -0.01	38.71 3.26 -0.01
LIPA_MISC_IPP 23656	39.89 1.88 -9.60	37.90 1.59 -11.88	36.34 1.45 -9.84	35.76 1.30 -9.97	36.81 1.59 -11.88	37.87 2.07 -1.35	50.59 3.96 -1.66	57.54 3.57 -9.40	56.81 3.91 -0.01	54.90 3.59 -0.01	51.73 3.20 -0.01	50.29 3.38 -0.01	49.57 3.50 -2.38	50.00 3.42 -4.32	44.39 2.81 -5.56	45.49 3.79 -2.23	45.80 3.02 -6.78	49.34 3.39 -6.08	55.40 4.02 -8.59	59.47 4.85 -5.18	54.15 4.38 -0.01	45.04 3.76 -0.01	42.04 3.65 -0.01	38.39 2.94 -0.01
LISF__SOLAR 323691	39.92 1.90 -9.60	37.93 1.61 -11.88	36.36 1.48 -9.84	35.78 1.32 -9.97	36.84 1.61 -11.88	37.90 2.10 -1.35	50.64 4.00 -1.66	57.63 3.66 -9.40	56.92 4.02 -0.01	54.96 3.64 -0.01	51.73 3.20 -0.01	50.34 3.42 -0.01	49.66 3.58 -2.38	50.05 3.47 -4.33	44.43 2.85 -5.56	45.53 3.83 -2.23	45.88 3.10 -6.78	49.38 3.43 -6.08	55.49 4.11 -8.59	59.61 4.99 -5.18	54.20 4.43 -0.01	45.08 3.79 -0.01	42.08 3.69 -0.01	38.42 2.98 -0.01

LITTLE FALLS___HYD 24013	26.39 -2.02 0.00	22.68 -1.76 0.00	23.26 -1.78 0.00	22.75 -1.74 0.00	21.72 -1.63 0.00	32.18 -2.27 0.00	42.19 -2.79 0.00	42.03 -2.54 0.00	50.04 -2.86 0.00	48.64 -2.67 0.00	46.24 -2.28 0.00	44.79 -2.11 0.00	41.68 -2.01 0.00	40.10 -2.16 0.00	33.86 -2.16 0.00	36.95 -2.53 0.00	33.74 -2.27 0.00	37.20 -2.67 0.00	40.01 -2.78 0.00	46.03 -3.41 0.00	46.43 -3.33 0.00	38.51 -2.77 0.00	35.77 -2.61 0.00	32.96 -2.48 0.00
LITTLRIV_115KV_TB1 356100	27.87 -0.54 0.00	23.95 -0.49 0.00	24.64 -0.40 0.00	24.14 -0.34 0.00	22.86 -0.49 0.00	33.90 -0.55 0.00	44.21 -0.76 0.00	43.90 -0.67 0.00	51.99 -0.90 0.00	50.23 -1.08 0.00	47.35 -1.16 0.00	45.64 -1.27 0.00	42.60 -1.09 0.00	40.99 -1.27 0.00	34.91 -1.12 0.00	38.29 -1.18 0.00	35.00 -1.01 0.00	38.80 -1.08 0.00	41.72 -1.07 0.00	48.11 -1.34 0.00	48.72 -1.05 0.00	40.37 -0.91 0.00	37.66 -0.73 0.00	34.87 -0.57 0.00
LI_NEWBRDGE___DRP 323616	40.03 2.02 -9.60	38.05 1.74 -11.88	36.54 1.65 -9.84	35.98 1.52 -9.97	36.84 1.61 -11.88	38.07 2.27 -1.35	50.23 3.60 -1.66	57.80 3.83 -9.40	57.40 4.50 -0.01	55.67 4.36 -0.01	52.55 4.03 -0.01	50.95 4.03 -0.01	49.96 3.89 -2.38	50.10 3.80 -4.04	44.90 3.31 -5.56	45.32 3.63 -2.21	46.06 3.28 -6.77	49.54 3.59 -6.08	55.23 3.85 -8.59	59.12 4.50 -5.18	54.35 4.58 -0.01	45.04 3.76 -0.01	41.54 3.15 -0.01	38.10 2.66 -0.01
LOCKPORT_115KV_TB60_63_64 80432	27.62 -2.16 -1.37	24.33 -1.81 -1.70	24.45 -2.00 -1.41	23.91 -2.01 -1.43	23.39 -1.66 -1.70	31.96 -2.69 -0.19	40.99 -4.23 -0.24	40.65 -4.37 -0.45	42.33 -5.55 5.01	40.47 -5.59 5.25	40.75 -5.00 2.77	40.68 -4.78 1.44	33.50 -4.72 5.48	32.80 -4.23 5.23	30.24 -3.60 2.18	29.15 -4.11 6.22	29.82 -3.82 2.36	35.63 -4.19 0.05	39.87 -4.15 -1.23	45.49 -4.70 -0.74	44.84 -4.93 0.00	38.10 -3.18 0.00	35.97 -2.42 0.00	33.28 -2.16 0.00
LOCKPORT___CC1 323769	27.64 -2.16 -1.39	24.35 -1.81 -1.72	24.44 -2.03 -1.43	23.95 -1.98 -1.45	23.41 -1.66 -1.72	31.92 -2.72 -0.20	41.08 -4.14 -0.24	40.64 -4.37 -0.44	41.74 -5.61 5.55	39.90 -5.59 5.81	40.50 -4.95 3.07	40.57 -4.74 1.60	32.85 -4.76 6.08	32.20 -4.27 5.79	30.00 -3.57 2.45	28.51 -4.06 6.90	29.51 -3.82 2.67	35.59 -4.19 0.10	39.88 -4.15 -1.24	45.45 -4.75 -0.75	44.89 -4.88 0.00	38.22 -3.05 0.00	35.93 -2.46 0.00	33.24 -2.20 0.00
LOCKPORT___CC2 323770	27.64 -2.16 -1.39	24.35 -1.81 -1.72	24.44 -2.03 -1.43	23.95 -1.98 -1.45	23.41 -1.66 -1.72	31.92 -2.72 -0.20	41.08 -4.14 -0.24	40.64 -4.37 -0.44	41.74 -5.61 5.55	39.90 -5.59 5.81	40.50 -4.95 3.07	40.57 -4.74 1.60	32.85 -4.76 6.08	32.20 -4.27 5.79	30.00 -3.57 2.45	28.51 -4.06 6.90	29.51 -3.82 2.67	35.59 -4.19 0.10	39.88 -4.15 -1.24	45.45 -4.75 -0.75	44.89 -4.88 0.00	38.22 -3.05 0.00	35.93 -2.46 0.00	33.24 -2.20 0.00
LOCKPORT___CC3 323771	27.64 -2.16 -1.39	24.35 -1.81 -1.72	24.44 -2.03 -1.43	23.95 -1.98 -1.45	23.41 -1.66 -1.72	31.92 -2.72 -0.20	41.08 -4.14 -0.24	40.64 -4.37 -0.44	41.74 -5.61 5.55	39.90 -5.59 5.81	40.50 -4.95 3.07	40.57 -4.74 1.60	32.85 -4.76 6.08	32.20 -4.27 5.79	30.00 -3.57 2.45	28.51 -4.06 6.90	29.51 -3.82 2.67	35.59 -4.19 0.10	39.88 -4.15 -1.24	45.45 -4.75 -0.75	44.89 -4.88 0.00	38.22 -3.05 0.00	35.93 -2.46 0.00	33.24 -2.20 0.00
LONG_LAKE_PHOENIX 24014	28.89 -0.23 -0.71	25.10 -0.22 -0.88	25.52 -0.25 -0.73	24.98 -0.24 -0.74	24.04 -0.19 -0.88	34.27 -0.28 -0.10	44.65 -0.45 -0.12	44.55 -0.71 -0.69	51.99 -0.90 0.00	50.43 -0.87 0.00	47.69 -0.82 0.00	46.11 -0.80 0.00	43.08 -0.79 -0.18	41.54 -0.72 0.00	35.86 -0.58 -0.41	39.03 -0.59 -0.15	35.93 -0.58 -0.50	39.68 -0.64 -0.45	42.83 -0.60 -0.64	49.14 -0.69 -0.38	49.02 -0.75 0.00	40.65 -0.62 0.00	37.89 -0.50 0.00	35.01 -0.43 0.00
LOVETT___3 23632	39.15 1.51 -9.23	37.15 1.30 -11.42	35.81 1.30 -9.47	35.33 1.25 -9.59	35.99 1.21 -11.43	37.44 1.69 -1.30	49.26 2.70 -1.58	56.73 3.12 -9.04	56.65 3.76 0.00	55.05 3.75 0.00	52.01 3.49 0.00	50.47 3.56 0.00	49.43 3.45 -2.28	45.66 3.34 -0.06	44.24 2.88 -5.34	44.51 3.08 -1.96	45.25 2.74 -6.51	48.74 3.03 -5.84	54.30 3.25 -8.26	58.27 3.86 -4.97	53.55 3.78 0.00	44.29 3.01 0.00	40.76 2.38 0.00	37.35 1.91 0.00
LOVETT___4 23642	39.15 1.51 -9.23	37.15 1.30 -11.42	35.81 1.30 -9.47	35.33 1.25 -9.59	35.99 1.21 -11.43	37.44 1.69 -1.30	49.26 2.70 -1.58	56.73 3.12 -9.04	56.65 3.76 0.00	55.05 3.75 0.00	52.01 3.49 0.00	50.47 3.56 0.00	49.43 3.45 -2.28	45.66 3.34 -0.06	44.24 2.88 -5.34	44.51 3.08 -1.96	45.25 2.74 -6.51	48.74 3.03 -5.84	54.30 3.25 -8.26	58.27 3.86 -4.97	53.55 3.78 0.00	44.29 3.01 0.00	40.76 2.38 0.00	37.35 1.91 0.00
LOVETT___5 23593	39.15 1.51 -9.23	37.15 1.30 -11.42	35.81 1.30 -9.47	35.33 1.25 -9.59	35.99 1.21 -11.43	37.44 1.69 -1.30	49.26 2.70 -1.58	56.73 3.12 -9.04	56.65 3.76 0.00	55.05 3.75 0.00	52.01 3.49 0.00	50.47 3.56 0.00	49.43 3.45 -2.28	45.66 3.34 -0.06	44.24 2.88 -5.34	44.51 3.08 -1.96	45.25 2.74 -6.51	48.74 3.03 -5.84	54.30 3.25 -8.26	58.27 3.86 -4.97	53.55 3.78 0.00	44.29 3.01 0.00	40.76 2.38 0.00	37.35 1.91 0.00
LOWER RAQUET___HYD 24057	27.39 -1.02 0.00	23.53 -0.90 0.00	24.21 -0.83 0.00	23.70 -0.78 0.00	22.46 -0.89 0.00	33.28 -1.17 0.00	43.36 -1.62 0.00	43.10 -1.47 0.00	51.09 -1.80 0.00	49.41 -1.90 0.00	46.68 -1.84 0.00	44.98 -1.93 0.00	41.99 -1.70 0.00	40.44 -1.82 0.00	34.44 -1.58 0.00	37.82 -1.66 0.00	34.49 -1.51 0.00	38.24 -1.64 0.00	41.03 -1.76 0.00	47.37 -2.07 0.00	47.88 -1.89 0.00	39.66 -1.61 0.00	37.00 -1.38 0.00	34.27 -1.17 0.00
LOWER___HUDSON 24059	41.81 1.45 -11.95	40.47 1.25 -14.78	38.55 1.25 -12.26	38.16 1.25 -12.42	39.33 1.19 -14.79	37.96 1.82 -1.68	49.55 2.52 -2.05	59.03 2.76 -11.70	56.23 3.33 0.00	54.49 3.18 0.00	51.48 2.96 0.00	49.81 2.91 0.00	49.31 2.67 -2.95	44.96 2.62 -0.08	45.13 2.20 -6.91	44.34 2.33 -2.54	46.59 2.16 -8.43	49.78 2.35 -7.56	56.05 2.57 -10.69	58.85 2.97 -6.44	52.80 3.04 0.00	43.67 2.39 0.00	40.30 1.92 0.00	37.07 1.63 0.00
LOWVILLE_115KV_TB2 356335	28.55 -0.17 -0.31	24.62 -0.20 -0.38	25.18 -0.18 -0.31	24.66 -0.15 -0.32	23.54 -0.19 -0.38	34.39 -0.10 -0.04	44.90 -0.13 -0.05	44.62 -0.22 -0.28	52.57 -0.32 0.00	50.64 -0.67 0.00	47.79 -0.73 0.00	45.92 -0.99 0.00	42.85 -0.92 -0.07	41.33 -0.93 0.00	35.25 -0.94 -0.16	38.55 -0.99 -0.06	35.54 -0.68 -0.22	39.39 -0.68 -0.19	42.59 -0.47 -0.27	48.97 -0.64 -0.17	49.27 -0.50 0.00	40.94 -0.33 0.00	38.04 -0.35 0.00	35.05 -0.39 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	42.48 1.93 -12.14	41.09 1.64 -15.01	39.17 1.68 -12.45	38.74 1.64 -12.61	39.98 1.61 -15.02	38.60 2.45 -1.71	50.35 3.28 -2.08	59.97 3.52 -11.88	57.28 4.39 0.00	55.56 4.26 0.00	52.50 3.98 0.00	50.75 3.85 0.00	50.10 3.41 -3.00	45.64 3.30 -0.08	45.78 2.74 -7.02	44.93 2.88 -2.57	47.37 2.81 -8.56	50.66 3.11 -7.68	57.07 3.42 -10.85	59.89 3.91 -6.54	53.75 3.98 0.00	44.45 3.18 0.00	40.99 2.61 0.00	37.64 2.20 0.00

LUTHERNY_35_KV_BK2 355980	42.48 1.93 -12.14	41.09 1.64 -15.01	39.17 1.68 -12.45	38.77 1.67 -12.61	40.01 1.63 -15.02	38.64 2.48 -1.71	50.39 3.33 -2.08	59.97 3.52 -11.88	57.33 4.44 0.00	55.61 4.31 0.00	52.55 4.03 0.00	50.75 3.85 0.00	50.14 3.45 -3.00	45.64 3.30 -0.08	45.78 2.74 -7.02	44.97 2.92 -2.57	47.37 2.81 -8.56	50.70 3.15 -7.68	57.07 3.42 -10.85	59.94 3.96 -6.54	53.75 3.98 0.00	44.49 3.22 0.00	41.03 2.65 0.00	37.64 2.20 0.00
LWR___OSWEGATCHIE_HYD 23850	27.70 -0.94 -0.23	23.89 -0.83 -0.28	24.47 -0.80 -0.23	23.96 -0.76 -0.24	22.81 -0.82 -0.28	33.45 -1.03 -0.03	43.67 -1.35 -0.04	43.44 -1.34 -0.21	51.20 -1.69 0.00	49.41 -1.90 0.00	46.68 -1.84 0.00	44.89 -2.02 0.00	41.91 -1.84 -0.05	40.36 -1.90 0.00	34.42 -1.73 -0.12	37.70 -1.82 -0.05	34.62 -1.55 -0.16	38.34 -1.67 -0.14	41.37 -1.63 -0.20	47.59 -1.98 -0.12	48.02 -1.74 0.00	39.83 -1.44 0.00	37.04 -1.34 0.00	34.20 -1.24 0.00
LYONS_FALL_HYD 23570	28.84 0.14 -0.29	24.89 0.10 -0.36	25.41 0.08 -0.29	24.88 0.10 -0.30	23.78 0.07 -0.36	34.73 0.24 -0.04	45.35 0.32 -0.05	45.05 0.22 -0.25	53.16 0.27 0.00	51.30 0.00 0.00	48.47 -0.05 0.00	46.63 -0.28 0.00	43.50 -0.26 -0.06	41.97 -0.29 0.00	35.78 -0.40 -0.15	39.17 -0.36 -0.05	36.06 -0.14 -0.20	39.93 -0.12 -0.18	43.13 0.09 -0.26	49.55 -0.05 -0.15	49.87 0.10 0.00	41.40 0.12 0.00	38.50 0.12 0.00	35.47 0.04 0.00
MADISON___COUNTY_LFGE 323628	29.66 0.74 -0.52	25.69 0.61 -0.64	26.17 0.60 -0.53	25.61 0.59 -0.54	24.57 0.58 -0.64	35.45 0.93 -0.07	46.28 1.21 -0.09	46.44 1.34 -0.53	54.58 1.69 0.00	52.74 1.44 0.00	49.88 1.36 0.00	47.98 1.08 0.00	44.83 1.00 -0.13	43.23 0.97 0.00	37.02 0.68 -0.31	40.22 0.63 -0.11	37.05 0.68 -0.36	40.96 0.76 -0.33	44.28 1.03 -0.46	50.76 1.04 -0.28	50.86 1.09 0.00	42.26 0.99 0.00	39.31 0.92 0.00	36.25 0.82 0.00
MALONE___115KV_TB1 356076	27.53 -0.88 0.00	23.68 -0.76 0.00	24.46 -0.58 0.00	23.97 -0.51 0.00	22.65 -0.70 0.00	33.59 -0.86 0.00	43.76 -1.21 0.00	43.37 -1.20 0.00	51.36 -1.53 0.00	49.82 -1.49 0.00	47.06 -1.46 0.00	45.45 -1.45 0.00	42.43 -1.27 0.00	40.91 -1.35 0.00	34.94 -1.08 0.00	38.41 -1.07 0.00	35.00 -1.01 0.00	38.68 -1.20 0.00	41.38 -1.41 0.00	47.81 -1.63 0.00	48.42 -1.34 0.00	40.12 -1.16 0.00	37.46 -0.92 0.00	34.69 -0.74 0.00
MAPLEWOD_115KV_TB3 80458	41.39 1.11 -11.87	40.08 0.95 -14.69	38.20 0.98 -12.18	37.78 0.96 -12.34	38.98 0.93 -14.70	37.53 1.41 -1.67	48.86 1.84 -2.04	58.38 2.18 -11.62	55.48 2.59 0.00	53.87 2.57 0.00	50.90 2.38 0.00	49.30 2.39 0.00	48.81 2.18 -2.93	44.49 2.16 -0.08	44.69 1.80 -6.87	43.89 1.89 -2.52	46.14 1.76 -8.37	49.30 1.91 -7.51	55.46 2.05 -10.62	58.17 2.32 -6.40	52.16 2.39 0.00	43.17 1.90 0.00	39.88 1.50 0.00	36.82 1.38 0.00
MAPLE_RIDGE_WT_1 323574	27.53 -0.88 0.00	23.68 -0.76 0.00	24.29 -0.75 0.00	23.75 -0.73 0.00	22.60 -0.75 0.00	33.38 -1.07 0.00	43.58 -1.39 0.00	43.28 -1.29 0.00	51.36 -1.54 0.00	49.81 -1.49 0.00	47.11 -1.41 0.00	45.54 -1.36 0.00	42.47 -1.22 0.00	41.03 -1.23 0.00	34.98 -1.05 0.00	38.33 -1.15 0.00	34.96 -1.05 0.00	38.71 -1.16 0.00	41.51 -1.28 0.00	47.96 -1.48 0.00	48.32 -1.44 0.00	40.08 -1.20 0.00	37.39 -1.00 0.00	34.66 -0.78 0.00
MAPLE_RIDGE_WT_2 323611	27.53 -0.88 0.00	23.68 -0.76 0.00	24.29 -0.75 0.00	23.75 -0.73 0.00	22.60 -0.75 0.00	33.38 -1.07 0.00	43.58 -1.39 0.00	43.28 -1.29 0.00	51.36 -1.54 0.00	49.81 -1.49 0.00	47.11 -1.41 0.00	45.54 -1.36 0.00	42.47 -1.22 0.00	41.03 -1.23 0.00	34.98 -1.05 0.00	38.33 -1.15 0.00	34.96 -1.05 0.00	38.71 -1.16 0.00	41.51 -1.28 0.00	47.96 -1.48 0.00	48.32 -1.44 0.00	40.08 -1.20 0.00	37.39 -1.00 0.00	34.66 -0.78 0.00
MARBLE_RIVER_WT_PWR 323696	27.30 -1.11 0.00	23.51 -0.93 0.00	24.29 -0.75 0.00	23.80 -0.69 0.00	22.53 -0.82 0.00	33.42 -1.03 0.00	43.40 -1.58 0.00	43.01 -1.56 0.00	50.94 -1.96 0.00	49.56 -1.74 0.00	46.82 -1.70 0.00	45.26 -1.64 0.00	42.21 -1.49 0.00	40.78 -1.48 0.00	34.91 -1.12 0.00	38.33 -1.15 0.00	34.93 -1.08 0.00	38.56 -1.31 0.00	41.21 -1.58 0.00	47.57 -1.88 0.00	48.07 -1.69 0.00	39.87 -1.40 0.00	37.23 -1.15 0.00	34.52 -0.92 0.00
MARSHVLE_115KV_TB1 80742	44.55 2.22 -13.92	43.52 1.86 -17.22	41.23 1.90 -14.28	40.82 1.86 -14.47	42.45 1.87 -17.24	39.30 2.89 -1.96	51.24 3.87 -2.39	62.16 3.97 -13.63	57.70 4.81 0.00	55.61 4.31 0.00	52.30 3.78 0.00	50.09 3.19 0.00	50.19 3.06 -3.44	45.31 2.96 -0.09	46.31 2.23 -8.05	44.91 2.49 -2.95	48.52 2.70 -9.82	52.15 3.47 -8.81	59.26 4.02 -12.45	61.54 4.60 -7.50	54.49 4.73 0.00	45.11 3.84 0.00	41.61 3.22 0.00	38.10 2.66 0.00
MARSH_HILL_WT_PWR 323713	28.03 -2.41 -2.03	24.87 -2.08 -2.51	24.90 -2.23 -2.08	24.71 -1.89 -2.11	24.39 -1.47 -2.52	32.70 -2.03 -0.29	42.67 -2.65 -0.35	41.21 -2.59 0.78	56.77 -3.17 -7.05	55.40 -3.28 -7.39	49.20 -3.25 -3.94	45.71 -3.28 -2.09	48.20 -3.15 -7.65	46.57 -3.04 -7.36	36.38 -2.63 -2.98	45.32 -2.84 -8.69	37.47 -2.77 -4.23	37.24 -2.95 -0.32	41.91 -2.69 -1.82	47.67 -2.87 -1.09	47.03 -2.74 0.00	39.54 -1.73 0.00	37.19 -1.19 0.00	34.52 -0.92 0.00
MCINTYRE_115KV_TB2 80467	28.24 -0.17 0.00	24.29 -0.15 0.00	24.96 -0.08 0.00	24.46 -0.02 0.00	23.16 -0.19 0.00	34.35 -0.10 0.00	44.80 -0.18 0.00	44.44 -0.13 0.00	52.63 -0.26 0.00	50.74 -0.56 0.00	47.84 -0.68 0.00	46.11 -0.80 0.00	42.99 -0.70 0.00	41.41 -0.85 0.00	35.27 -0.76 0.00	38.68 -0.79 0.00	35.36 -0.65 0.00	39.23 -0.64 0.00	42.23 -0.56 0.00	48.75 -0.69 0.00	49.37 -0.40 0.00	40.90 -0.37 0.00	38.15 -0.23 0.00	35.33 -0.11 0.00
MECO_____69_KV_BK1 80468	44.23 2.47 -13.35	43.03 2.08 -16.51	40.86 2.13 -13.69	40.44 2.08 -13.87	41.95 2.08 -16.52	39.57 3.24 -1.88	51.54 4.27 -2.29	62.05 4.41 -13.06	58.23 5.34 0.00	56.18 4.87 0.00	52.84 4.32 0.00	50.75 3.85 0.00	50.53 3.54 -3.30	45.77 3.42 -0.09	46.48 2.74 -7.72	45.31 3.00 -2.83	48.59 3.17 -9.41	52.18 3.87 -8.44	59.13 4.41 -11.94	61.73 5.09 -7.19	54.94 5.18 0.00	45.48 4.21 0.00	41.92 3.53 0.00	38.38 2.94 0.00
MENANDS___115KV_TB5 355628	41.25 0.99 -11.84	39.94 0.86 -14.65	38.06 0.88 -12.15	37.65 0.86 -12.31	38.85 0.84 -14.66	37.36 1.24 -1.67	48.68 1.66 -2.03	58.17 2.01 -11.59	55.27 2.38 0.00	53.66 2.36 0.00	50.70 2.18 0.00	49.11 2.20 0.00	48.63 2.01 -2.93	44.32 1.99 -0.08	44.57 1.69 -6.85	43.72 1.74 -2.51	45.98 1.62 -8.35	49.12 1.75 -7.49	55.22 1.84 -10.59	57.90 2.08 -6.38	51.91 2.14 0.00	42.97 1.69 0.00	39.69 1.31 0.00	36.71 1.28 0.00
MG INDUSTRY___DRP 24185	40.95 0.99 -11.55	39.58 0.86 -14.29	37.77 0.88 -11.85	37.37 0.88 -12.00	38.49 0.84 -14.30	37.32 1.24 -1.63	48.58 1.62 -1.98	57.70 1.83 -11.30	55.11 2.22 0.00	53.51 2.21 0.00	50.56 2.04 0.00	48.92 2.02 0.00	48.34 1.79 -2.85	44.11 1.77 -0.08	44.14 1.44 -6.68	43.42 1.50 -2.45	45.59 1.44 -8.14	48.77 1.59 -7.30	54.87 1.75 -10.33	57.69 2.03 -6.22	51.91 2.14 0.00	43.01 1.73 0.00	39.77 1.38 0.00	36.75 1.31 0.00

MID___OSWEGATCHIE_HYD 23849	27.70 -0.94 -0.23	23.89 -0.83 -0.28	24.47 -0.80 -0.23	23.96 -0.76 -0.24	22.81 -0.82 -0.28	33.45 -1.03 -0.03	43.67 -1.35 -0.04	43.44 -1.34 -0.21	51.20 -1.69 0.00	49.41 -1.90 0.00	46.68 -1.84 0.00	44.89 -2.02 0.00	41.91 -1.84 -0.05	40.36 -1.90 0.00	34.42 -1.73 -0.12	37.70 -1.82 -0.05	34.62 -1.55 -0.16	38.34 -1.67 -0.14	41.37 -1.63 -0.20	47.59 -1.98 -0.12	48.02 -1.74 0.00	39.83 -1.44 0.00	37.04 -1.34 0.00	34.20 -1.24 0.00
MID___RAQUETTE_HYD 23851	27.39 -1.02 0.00	23.53 -0.90 0.00	24.21 -0.83 0.00	23.70 -0.78 0.00	22.46 -0.89 0.00	33.28 -1.17 0.00	43.40 -1.57 0.00	43.10 -1.47 0.00	51.09 -1.80 0.00	49.41 -1.90 0.00	46.68 -1.84 0.00	44.98 -1.92 0.00	41.99 -1.70 0.00	40.44 -1.82 0.00	34.44 -1.59 0.00	37.82 -1.66 0.00	34.49 -1.51 0.00	38.24 -1.63 0.00	41.03 -1.75 0.00	47.37 -2.08 0.00	47.93 -1.84 0.00	39.71 -1.57 0.00	37.00 -1.38 0.00	34.27 -1.17 0.00
MILLIKEN___1 23584	30.82 0.54 -1.87	27.19 0.44 -2.32	27.39 0.43 -1.92	26.85 0.42 -1.95	26.13 0.47 -2.32	35.44 0.72 -0.26	46.20 0.90 -0.32	50.09 0.85 -4.67	62.66 1.00 -8.76	61.25 0.77 -9.18	54.03 0.68 -4.83	49.92 0.52 -2.50	55.11 0.44 -10.97	51.87 0.42 -9.19	43.39 0.32 -7.05	51.95 0.39 -12.08	44.81 0.40 -8.41	44.12 0.48 -3.77	45.19 0.73 -1.67	51.34 0.89 -1.01	50.61 0.85 0.00	42.02 0.74 0.00	39.11 0.73 0.00	36.11 0.67 0.00
MILLIKEN___2 23585	30.82 0.54 -1.87	27.19 0.44 -2.32	27.39 0.43 -1.92	26.85 0.42 -1.95	26.13 0.47 -2.32	35.44 0.72 -0.26	46.20 0.90 -0.32	50.09 0.85 -4.67	62.66 1.00 -8.76	61.25 0.77 -9.18	54.03 0.68 -4.83	49.92 0.52 -2.50	55.11 0.44 -10.97	51.87 0.42 -9.19	43.39 0.32 -7.05	51.95 0.39 -12.08	44.81 0.40 -8.41	44.12 0.48 -3.77	45.19 0.73 -1.67	51.34 0.89 -1.01	50.61 0.85 0.00	42.02 0.74 0.00	39.11 0.73 0.00	36.11 0.67 0.00
MILLIKEN___DIESEL 23629	30.82 0.54 -1.87	27.19 0.44 -2.32	27.39 0.43 -1.92	26.85 0.42 -1.95	26.13 0.47 -2.32	35.44 0.72 -0.26	46.20 0.90 -0.32	50.09 0.85 -4.67	62.66 1.00 -8.76	61.25 0.77 -9.18	54.03 0.68 -4.83	49.92 0.52 -2.50	55.11 0.44 -10.97	51.87 0.42 -9.19	43.39 0.32 -7.05	51.95 0.39 -12.08	44.81 0.40 -8.41	44.12 0.48 -3.77	45.19 0.73 -1.67	51.34 0.89 -1.01	50.61 0.85 0.00	42.02 0.74 0.00	39.11 0.73 0.00	36.11 0.67 0.00
MILLSEAT___LFGE 323607	28.27 -1.45 -1.31	24.88 -1.17 -1.62	25.05 -1.33 -1.34	24.52 -1.32 -1.36	23.89 -1.07 -1.62	32.84 -1.79 -0.18	42.32 -2.88 -0.22	41.96 -3.07 -0.46	44.53 -3.91 4.45	42.59 -4.05 4.66	42.57 -3.49 2.46	42.16 -3.47 1.28	35.26 -3.58 4.85	34.53 -3.08 4.64	31.42 -2.70 1.90	30.84 -3.12 5.51	31.08 -2.88 2.05	36.80 -3.07 0.00	41.05 -2.91 -1.17	46.98 -3.17 -0.70	46.53 -3.23 0.00	39.38 -1.90 0.00	36.96 -1.42 0.00	34.02 -1.42 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	39.48 1.62 -9.45	37.49 1.37 -11.69	36.11 1.38 -9.69	35.65 1.35 -9.82	36.35 1.31 -11.69	37.60 1.83 -1.33	49.48 2.88 -1.62	57.12 3.30 -9.25	56.86 3.97 0.00	55.25 3.95 0.00	52.25 3.74 0.00	50.70 3.80 0.00	49.66 3.63 -2.33	45.87 3.55 -0.06	44.55 3.06 -5.46	44.76 3.28 -2.00	45.58 2.92 -6.66	49.04 3.19 -5.98	54.71 3.47 -8.45	58.59 4.05 -5.09	53.75 3.98 0.00	44.45 3.18 0.00	40.92 2.53 0.00	37.46 2.02 0.00
MILLWOOD_13_KV_LOAD 356217	39.53 1.68 -9.45	37.57 1.44 -11.69	36.18 1.45 -9.69	35.70 1.40 -9.82	36.40 1.35 -11.69	37.67 1.89 -1.33	49.61 3.01 -1.62	57.25 3.43 -9.25	57.02 4.13 0.00	55.36 4.05 0.00	52.40 3.88 0.00	50.85 3.94 0.00	49.79 3.76 -2.33	45.96 3.63 -0.06	44.62 3.13 -5.46	44.83 3.36 -2.00	45.66 2.99 -6.66	49.12 3.27 -5.98	54.83 3.59 -8.45	58.74 4.20 -5.09	53.90 4.13 0.00	44.58 3.30 0.00	40.99 2.61 0.00	37.53 2.09 0.00
MODEL_CITY_ENERGY 24167	27.42 -2.39 -1.40	24.16 -2.00 -1.73	24.27 -2.20 -1.43	23.76 -2.18 -1.45	23.23 -1.85 -1.73	31.65 -3.00 -0.20	40.68 -4.54 -0.24	40.30 -4.73 -0.45	41.86 -6.13 4.90	40.11 -6.05 5.13	40.42 -5.39 2.71	40.38 -5.11 1.41	33.18 -5.16 5.36	32.49 -4.65 5.12	30.08 -3.82 2.13	29.01 -4.38 6.09	29.60 -4.11 2.30	35.33 -4.51 0.04	39.55 -4.49 -1.25	45.01 -5.19 -0.75	44.44 -5.32 0.00	37.85 -3.43 0.00	35.58 -2.80 0.00	32.92 -2.52 0.00
MODERN_LFGE___ 323580	27.42 -2.39 -1.40	24.16 -2.00 -1.73	24.27 -2.20 -1.43	23.76 -2.18 -1.45	23.23 -1.85 -1.73	31.65 -3.00 -0.20	40.68 -4.54 -0.24	40.30 -4.73 -0.45	41.86 -6.13 4.90	40.11 -6.05 5.13	40.42 -5.39 2.71	40.38 -5.11 1.41	33.18 -5.16 5.36	32.49 -4.65 5.12	30.08 -3.82 2.13	29.01 -4.38 6.09	29.60 -4.11 2.30	35.33 -4.51 0.04	39.55 -4.49 -1.25	45.01 -5.19 -0.75	44.44 -5.32 0.00	37.85 -3.43 0.00	35.58 -2.80 0.00	32.92 -2.52 0.00
MOHAWK_PAPER___DRP 24187	41.39 1.11 -11.87	40.08 0.95 -14.69	38.20 0.98 -12.18	37.78 0.96 -12.34	38.98 0.93 -14.70	37.53 1.41 -1.67	48.86 1.84 -2.04	58.38 2.18 -11.62	55.48 2.59 0.00	53.87 2.57 0.00	50.90 2.38 0.00	49.30 2.39 0.00	48.81 2.18 -2.93	44.49 2.16 -0.08	44.69 1.80 -6.87	43.89 1.89 -2.52	46.14 1.76 -8.37	49.30 1.91 -7.51	55.46 2.05 -10.62	58.17 2.32 -6.40	52.16 2.39 0.00	43.17 1.90 0.00	39.88 1.50 0.00	36.82 1.38 0.00
MOHICAN___35_KV_115KV_LD 80490	42.69 2.10 -12.18	41.29 1.78 -15.07	39.37 1.83 -12.50	38.94 1.79 -12.66	40.20 1.77 -15.08	38.89 2.72 -1.72	50.76 3.69 -2.09	60.41 3.92 -11.92	57.86 4.97 0.00	56.13 4.82 0.00	52.98 4.46 0.00	51.17 4.27 0.00	50.46 3.76 -3.01	45.93 3.59 -0.08	46.02 2.95 -7.04	45.18 3.12 -2.58	47.69 3.10 -8.59	51.05 3.47 -7.70	57.49 3.81 -10.90	60.41 4.40 -6.56	54.25 4.48 0.00	44.86 3.59 0.00	41.30 2.92 0.00	37.85 2.41 0.00
MONGAUP___HYD 23641	38.44 1.36 -8.67	36.33 1.17 -10.72	35.08 1.15 -8.89	34.62 1.13 -9.01	35.18 1.10 -10.73	37.18 1.51 -1.22	48.58 2.11 -1.49	55.06 2.01 -8.48	55.27 2.38 0.00	53.66 2.36 0.00	50.99 2.47 0.00	49.34 2.44 0.00	48.19 2.36 -2.14	44.89 2.58 -0.06	43.24 2.20 -5.01	43.68 2.37 -1.84	44.31 2.20 -6.11	47.63 2.27 -5.48	53.11 2.57 -7.75	57.33 3.21 -4.67	52.80 3.04 0.00	43.92 2.64 0.00	40.49 2.11 0.00	37.25 1.81 0.00
MONTAUK___DIESEL 23721	39.63 1.62 -9.60	37.68 1.37 -11.88	36.09 1.20 -9.84	35.49 1.03 -9.97	36.58 1.35 -11.88	37.52 1.72 -1.35	50.28 3.64 -1.66	57.31 3.34 -9.40	56.55 3.65 -0.01	54.54 3.23 -0.01	50.91 2.38 -0.01	49.68 2.77 -0.01	49.05 2.97 -2.38	49.41 2.83 -4.32	43.82 2.23 -5.56	44.98 3.28 -2.23	45.26 2.48 -6.78	48.78 2.83 -6.08	54.76 3.38 -8.59	58.78 4.15 -5.18	53.26 3.48 -0.01	44.21 2.93 -0.01	41.31 2.92 -0.01	38.00 2.55 -0.01
MOONROAD_115KV_HARTFLD_TB1-2 355988	26.91 -3.15 -1.65	23.79 -2.69 -2.04	23.83 -2.90 -1.69	23.26 -2.94 -1.71	22.94 -2.45 -2.04	30.75 -3.93 -0.23	39.95 -5.31 -0.28	39.38 -5.62 -0.43	42.75 -6.51 3.63	41.13 -6.36 3.81	40.59 -5.92 2.00	40.29 -5.58 1.04	34.54 -5.20 3.95	33.48 -4.99 3.79	30.03 -4.47 1.53	30.00 -4.97 4.50	30.42 -4.28 1.30	35.26 -4.70 -0.09	39.64 -4.62 -1.48	45.04 -5.29 -0.89	44.54 -5.23 0.00	38.59 -2.68 0.00	36.85 -1.54 0.00	34.55 -0.89 0.00

MORRIS_RIDGE___SOLAR 323848	28.17 -2.22 -1.98	24.98 -1.91 -2.45	25.02 -2.05 -2.03	24.58 -1.96 -2.06	24.16 -1.64 -2.45	32.25 -2.48 -0.28	41.81 -3.51 -0.34	40.95 -3.52 0.10	22.89 -4.39 25.61	20.06 -4.41 26.83	30.07 -4.27 14.18	35.29 -4.22 7.40	11.07 -4.02 28.61	11.62 -3.89 26.75	20.10 -3.35 12.58	3.49 -3.67 32.31	18.37 -3.49 14.14	34.14 -3.79 1.94	40.92 -3.64 -1.77	46.55 -3.96 -1.06	45.98 -3.78 0.00	38.84 -2.44 0.00	36.58 -1.80 0.00	33.98 -1.45 0.00
MORTIMER_115KV_TB3 55949	28.71 -0.80 -1.09	25.15 -0.64 -1.35	25.43 -0.73 -1.12	24.89 -0.73 -1.13	24.12 -0.58 -1.35	33.64 -0.96 -0.15	43.50 -1.66 -0.19	43.25 -1.83 -0.51	47.90 -2.38 2.61	46.16 -2.41 2.73	44.99 -2.09 1.44	44.09 -2.06 0.75	38.77 -2.14 2.78	37.76 -1.77 2.72	33.46 -1.59 0.97	34.44 -1.86 3.18	33.31 -1.69 1.00	38.24 -1.79 -0.16	42.14 -1.63 -0.98	48.25 -1.78 -0.59	47.88 -1.89 0.00	39.95 -1.32 0.00	37.42 -0.96 0.00	34.48 -0.96 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	39.85 1.85 -9.59	37.87 1.56 -11.87	36.46 1.58 -9.84	35.98 1.52 -9.97	36.70 1.47 -11.88	37.87 2.07 -1.35	49.91 3.28 -1.65	57.75 3.79 -9.39	57.44 4.55 0.00	55.82 4.51 0.00	52.79 4.27 0.00	51.22 4.32 0.00	50.22 4.15 -2.37	46.34 4.01 -0.07	45.07 3.49 -5.55	45.26 3.75 -2.04	46.12 3.35 -6.77	49.65 3.71 -6.07	55.31 3.94 -8.58	59.26 4.65 -5.17	54.35 4.58 0.00	44.91 3.63 0.00	41.30 2.92 0.00	37.74 2.30 0.00
MUNSVILLE_WIND_PWR 323609	32.65 1.36 -2.88	29.17 1.17 -3.56	29.20 1.20 -2.95	28.66 1.18 -2.99	28.01 1.10 -3.56	36.64 1.79 -0.41	47.95 2.47 -0.49	51.61 2.67 -4.37	61.27 3.33 -5.04	59.25 2.67 -5.28	53.68 2.38 -2.78	50.22 1.88 -1.44	52.05 1.62 -6.74	49.07 1.52 -5.30	42.08 1.01 -5.05	47.85 1.07 -7.31	43.08 1.33 -5.74	44.56 1.55 -3.13	47.59 2.22 -2.58	53.27 2.28 -1.55	52.20 2.44 0.00	43.54 2.27 0.00	40.57 2.19 0.00	37.35 1.91 0.00
N SALMON___HYD 24042	27.53 -0.88 0.00	23.68 -0.76 0.00	24.47 -0.57 0.00	23.97 -0.52 0.00	22.65 -0.70 0.00	33.59 -0.86 0.00	43.72 -1.26 0.00	43.37 -1.20 0.00	51.41 -1.48 0.00	49.81 -1.49 0.00	47.06 -1.45 0.00	45.45 -1.45 0.00	42.43 -1.27 0.00	40.90 -1.35 0.00	34.91 -1.12 0.00	38.41 -1.06 0.00	35.00 -1.01 0.00	38.68 -1.20 0.00	41.38 -1.41 0.00	47.82 -1.63 0.00	48.37 -1.39 0.00	40.12 -1.16 0.00	37.46 -0.92 0.00	34.69 -0.75 0.00
N.AKRON__115KV_KNAPP 355671	28.17 -1.56 -1.33	24.83 -1.25 -1.64	25.00 -1.40 -1.36	24.45 -1.42 -1.38	23.85 -1.14 -1.64	32.71 -1.93 -0.19	42.10 -3.10 -0.23	41.82 -3.21 -0.46	44.20 -4.07 4.62	42.25 -4.21 4.84	42.23 -3.74 2.56	41.92 -3.66 1.33	34.93 -3.71 5.05	34.22 -3.21 4.83	31.19 -2.85 1.99	30.47 -3.28 5.73	30.87 -2.99 2.15	36.63 -3.23 0.02	40.90 -3.08 -1.19	46.80 -3.36 -0.72	46.28 -3.48 0.00	39.09 -2.19 0.00	36.81 -1.57 0.00	33.99 -1.45 0.00
N.BELMOR_69_KV_BK1 55787	40.23 2.22 -9.61	38.23 1.91 -11.88	36.71 1.83 -9.84	36.15 1.69 -9.97	37.00 1.77 -11.88	38.31 2.51 -1.35	50.55 3.91 -1.66	58.16 4.19 -9.40	57.82 4.92 -0.01	56.09 4.77 -0.01	52.99 4.46 -0.01	51.37 4.46 -0.01	50.36 4.28 -2.38	52.41 4.14 -6.01	45.22 3.64 -5.56	45.72 3.95 -2.30	46.35 3.56 -6.78	49.90 3.95 -6.08	55.62 4.24 -8.59	59.62 4.99 -5.18	54.76 4.98 -0.01	45.37 4.09 -0.01	41.85 3.45 -0.01	38.36 2.91 -0.01
N.E_GEN_SANDY PD 24062	40.70 1.50 -10.79	39.08 1.29 -13.35	37.44 1.33 -11.07	37.00 1.30 -11.22	37.94 1.24 -13.36	37.76 1.79 -1.52	49.44 2.61 -1.85	58.32 2.94 -10.80	56.08 3.44 0.24	54.59 3.29 0.00	51.63 3.11 0.00	50.00 3.10 0.00	49.29 2.93 -2.67	45.21 2.87 -0.07	44.75 2.48 -6.24	44.37 2.60 -2.29	45.99 2.38 -7.61	49.21 2.51 -6.82	55.18 2.74 -9.65	58.47 3.21 -5.81	52.95 3.19 0.00	43.79 2.52 0.00	40.42 2.03 0.00	37.10 1.67 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	39.10 1.51 -9.19	37.10 1.30 -11.36	35.77 1.30 -9.42	35.29 1.25 -9.55	35.94 1.21 -11.37	37.46 1.72 -1.29	49.30 2.74 -1.58	56.68 3.12 -8.99	56.70 3.81 0.00	55.10 3.80 0.00	52.06 3.54 0.00	50.52 3.61 0.00	49.46 3.50 -2.27	45.70 3.38 -0.06	44.25 2.92 -5.31	44.54 3.12 -1.95	45.26 2.77 -6.48	48.71 3.03 -5.81	54.30 3.29 -8.22	58.30 3.91 -4.95	53.55 3.78 0.00	44.29 3.01 0.00	40.76 2.38 0.00	37.35 1.91 0.00
N.QUEENS_27_KV_LOAD 356247	39.94 1.93 -9.59	37.87 1.56 -11.87	36.48 1.60 -9.84	36.00 1.54 -9.97	36.70 1.47 -11.88	37.73 1.93 -1.35	49.77 3.15 -1.65	57.66 3.70 -9.39	57.49 4.60 0.00	55.86 4.57 0.01	52.83 4.32 0.01	51.31 4.41 0.01	50.26 4.19 -2.37	46.46 4.14 -0.06	45.17 3.60 -5.54	45.34 3.83 -2.04	46.22 3.46 -6.76	49.72 3.79 -6.06	55.35 3.98 -8.58	59.21 4.60 -5.17	54.39 4.63 0.00	44.91 3.63 0.00	41.30 2.92 0.00	37.78 2.34 0.00
N.TROY___115KV_TB1 355778	41.81 1.45 -11.95	40.47 1.25 -14.78	38.55 1.25 -12.26	38.16 1.25 -12.42	39.33 1.19 -14.79	37.96 1.83 -1.68	49.50 2.47 -2.05	59.03 2.76 -11.70	56.17 3.28 0.00	54.48 3.18 0.00	51.48 2.96 0.00	49.81 2.91 0.00	49.31 2.67 -2.95	44.96 2.62 -0.08	45.13 2.20 -6.91	44.34 2.33 -2.54	46.59 2.16 -8.43	49.78 2.35 -7.56	56.05 2.57 -10.69	58.85 2.97 -6.44	52.75 2.99 0.00	43.67 2.39 0.00	40.30 1.92 0.00	37.07 1.63 0.00
NARROWS_GT1_1 24228	54.56 2.22 -23.93	53.88 1.83 -27.61	53.88 1.88 -26.96	36.28 1.81 -9.98	36.98 1.75 -11.88	38.22 2.41 -1.36	54.00 3.82 -5.20	58.25 4.28 -9.40	59.06 5.19 -0.99	59.26 5.18 -2.77	58.69 4.90 -5.27	57.47 4.92 -5.65	58.61 4.72 -10.20	56.18 4.61 -9.32	58.01 4.00 -17.99	56.14 4.23 -12.44	58.10 3.85 -18.24	89.18 4.27 -45.03	58.60 4.49 -11.32	97.07 5.24 -42.39	97.06 5.22 -42.07	58.55 4.13 -13.15	55.63 3.38 -13.87	54.58 2.77 -16.38
NARROWS_GT1_2 24229	54.56 2.22 -23.93	53.88 1.83 -27.61	53.88 1.88 -26.96	36.28 1.81 -9.98	36.98 1.75 -11.88	38.22 2.41 -1.36	54.00 3.82 -5.20	58.25 4.28 -9.40	59.06 5.19 -0.99	59.26 5.18 -2.77	58.69 4.90 -5.27	57.47 4.92 -5.65	58.61 4.72 -10.20	56.18 4.61 -9.32	58.01 4.00 -17.99	56.14 4.23 -12.44	58.10 3.85 -18.24	89.18 4.27 -45.03	58.60 4.49 -11.32	97.07 5.24 -42.39	97.06 5.22 -42.07	58.55 4.13 -13.15	55.63 3.38 -13.87	54.58 2.77 -16.38
NARROWS_GT1_3 24230	54.56 2.22 -23.93	53.88 1.83 -27.61	53.88 1.88 -26.96	36.28 1.81 -9.98	36.98 1.75 -11.88	38.22 2.41 -1.36	54.00 3.82 -5.20	58.25 4.28 -9.40	59.06 5.19 -0.99	59.26 5.18 -2.77	58.69 4.90 -5.27	57.47 4.92 -5.65	58.61 4.72 -10.20	56.18 4.61 -9.32	58.01 4.00 -17.99	56.14 4.23 -12.44	58.10 3.85 -18.24	89.18 4.27 -45.03	58.60 4.49 -11.32	97.07 5.24 -42.39	97.06 5.22 -42.07	58.55 4.13 -13.15	55.63 3.38 -13.87	54.58 2.77 -16.38
NARROWS_GT1_4 24231	54.56 2.22 -23.93	53.88 1.83 -27.61	53.88 1.88 -26.96	36.28 1.81 -9.98	36.98 1.75 -11.88	38.22 2.41 -1.36	54.00 3.82 -5.20	58.25 4.28 -9.40	59.06 5.19 -0.99	59.26 5.18 -2.77	58.69 4.90 -5.27	57.47 4.92 -5.65	58.61 4.72 -10.20	56.18 4.61 -9.32	58.01 4.00 -17.99	56.14 4.23 -12.44	58.10 3.85 -18.24	89.18 4.27 -45.03	58.60 4.49 -11.32	97.07 5.24 -42.39	97.06 5.22 -42.07	58.55 4.13 -13.15	55.63 3.38 -13.87	54.58 2.77 -16.38

NARROWS_GT1_5 24232	54.56 2.22 -23.93	53.88 1.83 -27.61	53.88 1.88 -26.96	36.28 1.81 -9.98	36.98 1.75 -11.88	38.22 2.41 -1.36	54.00 3.82 -5.20	58.25 4.28 -9.40	59.06 5.19 -0.99	59.26 5.18 -2.77	58.69 4.90 -5.27	57.47 4.92 -5.65	58.61 4.72 -10.20	56.18 4.61 -9.32	58.01 4.00 -17.99	56.14 4.23 -12.44	58.10 3.85 -18.24	89.18 4.27 -45.03	58.60 4.49 -11.32	97.07 5.24 -42.39	97.06 5.22 -42.07	58.55 4.13 -13.15	55.63 3.38 -13.87	54.58 2.77 -16.38
NARROWS_GT1_6 24233	54.56 2.22 -23.93	53.88 1.83 -27.61	53.88 1.88 -26.96	36.28 1.81 -9.98	36.98 1.75 -11.88	38.22 2.41 -1.36	54.00 3.82 -5.20	58.25 4.28 -9.40	59.06 5.19 -0.99	59.26 5.18 -2.77	58.69 4.90 -5.27	57.47 4.92 -5.65	58.61 4.72 -10.20	56.18 4.61 -9.32	58.01 4.00 -17.99	56.14 4.23 -12.44	58.10 3.85 -18.24	89.18 4.27 -45.03	58.60 4.49 -11.32	97.07 5.24 -42.39	97.06 5.22 -42.07	58.55 4.13 -13.15	55.63 3.38 -13.87	54.58 2.77 -16.38
NARROWS_GT1_7 24234	54.56 2.22 -23.93	53.88 1.83 -27.61	53.88 1.88 -26.96	36.28 1.81 -9.98	36.98 1.75 -11.88	38.22 2.41 -1.36	54.00 3.82 -5.20	58.25 4.28 -9.40	59.06 5.19 -0.99	59.26 5.18 -2.77	58.69 4.90 -5.27	57.47 4.92 -5.65	58.61 4.72 -10.20	56.18 4.61 -9.32	58.01 4.00 -17.99	56.14 4.23 -12.44	58.10 3.85 -18.24	89.18 4.27 -45.03	58.60 4.49 -11.32	97.07 5.24 -42.39	97.06 5.22 -42.07	58.55 4.13 -13.15	55.63 3.38 -13.87	54.58 2.77 -16.38
NARROWS_GT1_8 24235	54.56 2.22 -23.93	53.88 1.83 -27.61	53.88 1.88 -26.96	36.28 1.81 -9.98	36.98 1.75 -11.88	38.22 2.41 -1.36	54.00 3.82 -5.20	58.25 4.28 -9.40	59.06 5.19 -0.99	59.26 5.18 -2.77	58.69 4.90 -5.27	57.47 4.92 -5.65	58.61 4.72 -10.20	56.18 4.61 -9.32	58.01 4.00 -17.99	56.14 4.23 -12.44	58.10 3.85 -18.24	89.18 4.27 -45.03	58.60 4.49 -11.32	97.07 5.24 -42.39	97.06 5.22 -42.07	58.55 4.13 -13.15	55.63 3.38 -13.87	54.58 2.77 -16.38
NARROWS_GT2_1 24236	54.56 2.22 -23.93	53.88 1.83 -27.61	53.88 1.88 -26.96	36.28 1.81 -9.98	36.98 1.75 -11.88	38.22 2.41 -1.36	54.00 3.82 -5.20	58.25 4.28 -9.40	59.06 5.19 -0.99	59.26 5.18 -2.77	58.69 4.90 -5.27	57.47 4.92 -5.65	58.61 4.72 -10.20	56.18 4.61 -9.32	58.01 4.00 -17.99	56.14 4.23 -12.44	58.10 3.85 -18.24	89.18 4.27 -45.03	58.60 4.49 -11.32	97.07 5.24 -42.39	97.06 5.22 -42.07	58.55 4.13 -13.15	55.63 3.38 -13.87	54.58 2.77 -16.38
NARROWS_GT2_2 24237	54.56 2.22 -23.93	53.88 1.83 -27.61	53.88 1.88 -26.96	36.28 1.81 -9.98	36.98 1.75 -11.88	38.22 2.41 -1.36	54.00 3.82 -5.20	58.25 4.28 -9.40	59.06 5.19 -0.99	59.26 5.18 -2.77	58.69 4.90 -5.27	57.47 4.92 -5.65	58.61 4.72 -10.20	56.18 4.61 -9.32	58.01 4.00 -17.99	56.14 4.23 -12.44	58.10 3.85 -18.24	89.18 4.27 -45.03	58.60 4.49 -11.32	97.07 5.24 -42.39	97.06 5.22 -42.07	58.55 4.13 -13.15	55.63 3.38 -13.87	54.58 2.77 -16.38
NARROWS_GT2_3 24238	54.56 2.22 -23.93	53.88 1.83 -27.61	53.88 1.88 -26.96	36.28 1.81 -9.98	36.98 1.75 -11.88	38.22 2.41 -1.36	54.00 3.82 -5.20	58.25 4.28 -9.40	59.06 5.19 -0.99	59.26 5.18 -2.77	58.69 4.90 -5.27	57.47 4.92 -5.65	58.61 4.72 -10.20	56.18 4.61 -9.32	58.01 4.00 -17.99	56.14 4.23 -12.44	58.10 3.85 -18.24	89.18 4.27 -45.03	58.60 4.49 -11.32	97.07 5.24 -42.39	97.06 5.22 -42.07	58.55 4.13 -13.15	55.63 3.38 -13.87	54.58 2.77 -16.38
NARROWS_GT2_4 24239	54.56 2.22 -23.93	53.88 1.83 -27.61	53.88 1.88 -26.96	36.28 1.81 -9.98	36.98 1.75 -11.88	38.22 2.41 -1.36	54.00 3.82 -5.20	58.25 4.28 -9.40	59.06 5.19 -0.99	59.26 5.18 -2.77	58.69 4.90 -5.27	57.47 4.92 -5.65	58.61 4.72 -10.20	56.18 4.61 -9.32	58.01 4.00 -17.99	56.14 4.23 -12.44	58.10 3.85 -18.24	89.18 4.27 -45.03	58.60 4.49 -11.32	97.07 5.24 -42.39	97.06 5.22 -42.07	58.55 4.13 -13.15	55.63 3.38 -13.87	54.58 2.77 -16.38
NARROWS_GT2_5 24240	54.56 2.22 -23.93	53.88 1.83 -27.61	53.88 1.88 -26.96	36.28 1.81 -9.98	36.98 1.75 -11.88	38.22 2.41 -1.36	54.00 3.82 -5.20	58.25 4.28 -9.40	59.06 5.19 -0.99	59.26 5.18 -2.77	58.69 4.90 -5.27	57.47 4.92 -5.65	58.61 4.72 -10.20	56.18 4.61 -9.32	58.01 4.00 -17.99	56.14 4.23 -12.44	58.10 3.85 -18.24	89.18 4.27 -45.03	58.60 4.49 -11.32	97.07 5.24 -42.39	97.06 5.22 -42.07	58.55 4.13 -13.15	55.63 3.38 -13.87	54.58 2.77 -16.38
NARROWS_GT2_6 24241	54.56 2.22 -23.93	53.88 1.83 -27.61	53.88 1.88 -26.96	36.28 1.81 -9.98	36.98 1.75 -11.88	38.22 2.41 -1.36	54.00 3.82 -5.20	58.25 4.28 -9.40	59.06 5.19 -0.99	59.26 5.18 -2.77	58.69 4.90 -5.27	57.47 4.92 -5.65	58.61 4.72 -10.20	56.18 4.61 -9.32	58.01 4.00 -17.99	56.14 4.23 -12.44	58.10 3.85 -18.24	89.18 4.27 -45.03	58.60 4.49 -11.32	97.07 5.24 -42.39	97.06 5.22 -42.07	58.55 4.13 -13.15	55.63 3.38 -13.87	54.58 2.77 -16.38
NARROWS_GT2_7 24242	54.56 2.22 -23.93	53.88 1.83 -27.61	53.88 1.88 -26.96	36.28 1.81 -9.98	36.98 1.75 -11.88	38.22 2.41 -1.36	54.00 3.82 -5.20	58.25 4.28 -9.40	59.06 5.19 -0.99	59.26 5.18 -2.77	58.69 4.90 -5.27	57.47 4.92 -5.65	58.61 4.72 -10.20	56.18 4.61 -9.32	58.01 4.00 -17.99	56.14 4.23 -12.44	58.10 3.85 -18.24	89.18 4.27 -45.03	58.60 4.49 -11.32	97.07 5.24 -42.39	97.06 5.22 -42.07	58.55 4.13 -13.15	55.63 3.38 -13.87	54.58 2.77 -16.38
NARROWS_GT2_8 24243	54.56 2.22 -23.93	53.88 1.83 -27.61	53.88 1.88 -26.96	36.28 1.81 -9.98	36.98 1.75 -11.88	38.22 2.41 -1.36	54.00 3.82 -5.20	58.25 4.28 -9.40	59.06 5.19 -0.99	59.26 5.18 -2.77	58.69 4.90 -5.27	57.47 4.92 -5.65	58.61 4.72 -10.20	56.18 4.61 -9.32	58.01 4.00 -17.99	56.14 4.23 -12.44	58.10 3.85 -18.24	89.18 4.27 -45.03	58.60 4.49 -11.32	97.07 5.24 -42.39	97.06 5.22 -42.07	58.55 4.13 -13.15	55.63 3.38 -13.87	54.58 2.77 -16.38
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	40.45 0.85 -11.19	39.01 0.73 -13.84	37.27 0.75 -11.48	36.85 0.73 -11.63	37.92 0.72 -13.85	37.13 1.10 -1.58	48.34 1.44 -1.92	57.17 1.65 -10.95	55.64 2.75 0.00	54.02 2.72 0.00	50.90 2.38 0.00	49.16 2.25 0.00	47.99 1.53 -2.76	44.28 1.94 -0.08	43.65 1.15 -6.47	43.03 1.18 -2.37	45.08 1.19 -7.89	48.42 1.48 -7.08	54.42 1.63 -10.01	57.50 2.03 -6.03	52.40 2.64 0.00	43.42 2.15 0.00	40.15 1.77 0.00	37.21 1.77 0.00
NCHELSEA_115KV_TR2 355582	39.58 1.65 -9.52	37.65 1.44 -11.78	36.23 1.43 -9.76	35.75 1.37 -9.89	36.46 1.33 -11.78	37.68 1.89 -1.34	49.54 2.92 -1.63	57.14 3.25 -9.32	56.86 3.97 0.00	55.31 4.00 0.00	52.25 3.74 0.00	50.66 3.75 0.00	49.72 3.67 -2.35	45.87 3.55 -0.06	44.48 2.95 -5.50	44.65 3.16 -2.02	45.56 2.84 -6.71	49.00 3.11 -6.02	54.73 3.42 -8.51	58.68 4.10 -5.13	53.75 3.98 0.00	44.45 3.18 0.00	40.92 2.53 0.00	37.57 2.13 0.00
NEG CAPITAL___MECHNVIL 23645	42.40 1.90 -12.08	41.00 1.61 -14.95	39.09 1.65 -12.40	38.66 1.62 -12.56	39.89 1.59 -14.96	38.56 2.41 -1.70	50.34 3.28 -2.07	59.92 3.52 -11.82	57.28 4.39 0.00	55.56 4.26 0.00	52.50 3.98 0.00	50.70 3.80 0.00	50.09 3.41 -2.99	45.64 3.30 -0.08	45.78 2.77 -6.99	44.96 2.92 -2.56	47.34 2.81 -8.52	50.63 3.11 -7.64	57.02 3.42 -10.81	59.86 3.91 -6.51	53.75 3.98 0.00	44.45 3.18 0.00	41.00 2.61 0.00	37.60 2.16 0.00

NEG CENTRAL_HIGH_ACRES 23767	28.48 -1.00 -1.07	24.92 -0.83 -1.32	25.23 -0.90 -1.09	24.69 -0.91 -1.11	23.90 -0.77 -1.32	33.39 -1.21 -0.15	43.32 -1.85 -0.18	43.19 -2.00 -0.62	48.75 -2.49 1.66	47.10 -2.46 1.74	45.47 -2.13 0.92	44.27 -2.16 0.48	39.77 -2.23 1.70	38.63 -1.90 1.73	33.89 -1.69 0.45	35.58 -1.93 1.96	33.86 -1.76 0.39	38.27 -1.91 -0.31	41.90 -1.84 -0.95	47.99 -2.03 -0.57	47.48 -2.29 0.00	39.66 -1.61 0.00	37.08 -1.31 0.00	34.13 -1.31 0.00
NEG CENTRAL___DRP 24199	29.47 -0.14 -1.20	25.80 -0.12 -1.48	26.12 -0.15 -1.23	25.59 -0.15 -1.25	24.79 -0.05 -1.48	34.58 -0.03 -0.17	45.05 -0.13 -0.21	44.82 -0.22 -0.47	52.01 -0.26 0.61	50.25 -0.41 0.64	47.80 -0.39 0.33	46.22 -0.52 0.17	42.56 -0.57 0.57	41.15 -0.46 0.64	35.57 -0.43 0.02	38.36 -0.43 0.68	35.76 -0.43 -0.19	39.76 -0.44 -0.32	43.56 -0.30 -1.07	49.84 -0.25 -0.65	49.42 -0.35 0.00	41.11 -0.17 0.00	38.38 0.00 0.00	35.44 0.00 0.00
NEG CENTRAL___INDECK 23768	30.35 0.85 -1.09	26.62 0.83 -1.35	26.98 0.83 -1.12	26.38 0.76 -1.13	25.49 0.79 -1.35	35.77 1.17 -0.15	46.38 1.21 -0.19	45.92 0.84 -0.51	50.77 0.47 2.60	48.33 -0.26 2.72	46.84 -0.24 1.44	45.50 -0.66 0.75	40.05 -0.87 2.77	39.04 -0.51 2.71	34.62 -0.43 0.97	35.87 -0.43 3.17	34.65 -0.36 1.00	40.11 0.08 -0.16	44.49 0.73 -0.97	51.66 1.63 -0.59	51.41 1.64 0.00	42.72 1.44 0.00	39.92 1.54 0.00	36.50 1.06 0.00
NEG CENTRAL___SENECA 23627	29.49 -0.26 -1.34	25.88 -0.22 -1.66	26.14 -0.28 -1.37	25.61 -0.27 -1.39	24.89 -0.12 -1.66	34.47 -0.17 -0.19	44.89 -0.31 -0.23	44.27 -0.31 -0.01	51.06 -0.37 1.47	49.20 -0.56 1.54	47.14 -0.58 0.80	45.80 -0.70 0.41	41.27 -0.79 1.64	40.09 -0.63 1.53	34.70 -0.61 0.71	36.95 -0.67 1.86	34.82 -0.65 0.53	39.18 -0.68 0.01	43.56 -0.43 -1.20	49.77 -0.40 -0.72	49.27 -0.50 0.00	41.03 -0.25 0.00	38.35 -0.04 0.00	35.40 -0.04 0.00
NEG CENTRAL___STATE_STREET 24147	29.69 0.11 -1.16	25.97 0.10 -1.44	26.28 0.05 -1.19	25.74 0.05 -1.21	24.91 0.12 -1.44	34.82 0.21 -0.16	45.36 0.18 -0.20	46.06 0.04 -1.45	53.84 0.11 -0.85	52.14 -0.05 -0.89	48.94 -0.05 -0.47	47.05 -0.09 -0.24	44.83 -0.17 -1.31	43.07 -0.08 -0.89	37.22 -0.07 -1.27	40.82 -0.04 -1.38	37.53 -0.07 -1.59	40.87 -0.04 -1.03	43.91 0.09 -1.04	50.22 0.15 -0.63	49.82 0.05 0.00	41.36 0.08 0.00	38.54 0.15 0.00	35.58 0.14 0.00
NEG MILLWOOD___DRP 24198	39.87 1.82 -9.64	37.95 1.59 -11.92	36.50 1.58 -9.89	36.02 1.52 -10.02	36.77 1.49 -11.93	37.91 2.10 -1.36	49.87 3.24 -1.65	57.61 3.61 -9.43	57.28 4.39 0.00	55.66 4.36 0.00	52.69 4.17 0.00	51.08 4.17 0.00	50.01 3.93 -2.38	46.17 3.85 -0.07	44.88 3.28 -5.57	44.99 3.47 -2.04	45.90 3.10 -6.80	49.36 3.39 -6.10	55.17 3.77 -8.62	59.09 4.45 -5.19	54.10 4.33 0.00	44.74 3.47 0.00	41.11 2.73 0.00	37.71 2.27 0.00
NEG NORTH_FLCN_SEA 23793	27.53 -0.88 0.00	23.70 -0.73 0.00	24.49 -0.55 0.00	24.00 -0.49 0.00	22.70 -0.65 0.00	33.66 -0.79 0.00	43.49 -1.48 0.00	43.10 -1.47 0.00	50.99 -1.90 0.00	49.87 -1.44 0.00	47.11 -1.41 0.00	45.54 -1.36 0.00	42.51 -1.18 0.00	41.07 -1.18 0.00	35.12 -0.90 0.00	38.65 -0.83 0.00	35.18 -0.83 0.00	38.84 -1.04 0.00	41.51 -1.28 0.00	47.91 -1.53 0.00	48.47 -1.29 0.00	40.16 -1.11 0.00	37.54 -0.84 0.00	34.77 -0.67 0.00
NEG NORTH_KES_CHATEGAY 23792	27.27 -1.14 0.00	23.48 -0.95 0.00	24.26 -0.78 0.00	23.78 -0.71 0.00	22.49 -0.86 0.00	33.31 -1.14 0.00	43.31 -1.66 0.00	42.88 -1.69 0.00	50.72 -2.17 0.00	49.35 -1.95 0.00	46.63 -1.89 0.00	45.12 -1.78 0.00	42.03 -1.66 0.00	40.61 -1.65 0.00	34.76 -1.26 0.00	38.21 -1.26 0.00	34.82 -1.19 0.00	38.40 -1.48 0.00	41.03 -1.75 0.00	47.37 -2.08 0.00	47.93 -1.84 0.00	39.71 -1.57 0.00	37.08 -1.31 0.00	34.38 -1.06 0.00
NEG NORTH___ALICE_FALLS 23915	27.70 -0.71 0.00	23.83 -0.61 0.00	24.64 -0.40 0.00	24.14 -0.34 0.00	22.81 -0.54 0.00	33.86 -0.59 0.00	43.90 -1.08 0.00	43.50 -1.07 0.00	51.52 -1.38 0.00	50.18 -1.13 0.00	47.40 -1.12 0.00	45.83 -1.08 0.00	42.78 -0.92 0.00	41.29 -0.97 0.00	35.30 -0.72 0.00	38.84 -0.63 0.00	35.39 -0.61 0.00	39.07 -0.80 0.00	41.76 -1.03 0.00	48.21 -1.24 0.00	48.87 -0.90 0.00	40.45 -0.83 0.00	37.81 -0.58 0.00	35.01 -0.43 0.00
NEG NORTH___LWR_SARANAC 23913	27.70 -0.71 0.00	23.83 -0.61 0.00	24.64 -0.40 0.00	24.14 -0.34 0.00	22.81 -0.54 0.00	33.86 -0.59 0.00	43.90 -1.08 0.00	43.50 -1.07 0.00	51.52 -1.38 0.00	50.18 -1.13 0.00	47.40 -1.12 0.00	45.83 -1.08 0.00	42.78 -0.92 0.00	41.29 -0.97 0.00	35.30 -0.72 0.00	38.84 -0.63 0.00	35.39 -0.61 0.00	39.07 -0.80 0.00	41.76 -1.03 0.00	48.21 -1.24 0.00	48.87 -0.90 0.00	40.45 -0.83 0.00	37.81 -0.58 0.00	35.01 -0.43 0.00
NEG NORTH___PLATTSBURG 23628	27.70 -0.71 0.00	23.83 -0.61 0.00	24.64 -0.40 0.00	24.14 -0.34 0.00	22.81 -0.54 0.00	33.86 -0.59 0.00	43.86 -1.12 0.00	43.50 -1.07 0.00	51.52 -1.38 0.00	50.17 -1.13 0.00	47.40 -1.11 0.00	45.83 -1.08 0.00	42.77 -0.92 0.00	41.29 -0.97 0.00	35.30 -0.72 0.00	38.84 -0.63 0.00	35.39 -0.61 0.00	39.03 -0.84 0.00	41.76 -1.03 0.00	48.21 -1.23 0.00	48.82 -0.95 0.00	40.45 -0.83 0.00	37.81 -0.57 0.00	35.02 -0.42 0.00
NEG WEST_LEA_LOCKPORT 23791	27.64 -2.16 -1.39	24.35 -1.81 -1.72	24.46 -2.00 -1.43	23.93 -2.01 -1.45	23.41 -1.66 -1.72	31.96 -2.69 -0.20	40.99 -4.23 -0.24	40.64 -4.37 -0.44	41.79 -5.55 5.55	39.90 -5.59 5.81	40.45 -5.00 3.07	40.52 -4.78 1.60	32.89 -4.72 6.08	32.24 -4.23 5.79	29.97 -3.60 2.45	28.47 -4.11 6.90	29.51 -3.82 2.67	35.59 -4.19 0.10	39.88 -4.15 -1.24	45.45 -4.75 -0.75	44.84 -4.93 0.00	38.10 -3.18 0.00	35.93 -2.46 0.00	33.28 -2.16 0.00
NEG WEST___LANCASTER 23811	27.22 -2.81 -1.62	24.08 -2.37 -2.01	24.13 -2.58 -1.67	23.61 -2.57 -1.69	23.19 -2.17 -2.01	31.20 -3.48 -0.23	40.31 -4.95 -0.28	39.83 -5.21 -0.48	43.15 -5.66 4.09	41.69 -5.34 4.28	41.22 -5.05 2.26	40.76 -4.97 1.17	34.84 -4.41 4.44	33.60 -4.39 4.26	30.42 -3.89 1.72	30.31 -4.11 5.05	30.39 -3.78 1.84	35.56 -4.35 -0.04	39.54 -4.71 -1.45	44.93 -5.39 -0.88	44.44 -5.33 0.00	38.63 -2.64 0.00	36.35 -2.03 0.00	33.84 -1.59 0.00
NEG_PENN_ALLEGHNY 23528	31.40 -0.03 -3.02	28.12 -0.05 -3.73	28.06 -0.07 -3.09	27.53 -0.10 -3.13	27.08 0.00 -3.73	34.84 -0.03 -0.42	45.45 -0.04 -0.52	47.59 0.04 -2.98	53.66 0.05 -0.72	52.10 0.05 -0.75	48.96 0.05 -0.40	47.11 0.00 -0.21	45.24 0.00 -1.55	43.03 0.00 -0.77	38.13 0.00 -2.11	41.02 0.00 -1.55	37.33 -0.11 -1.43	41.30 -0.12 -1.54	45.49 0.00 -2.70	51.07 0.00 -1.62	49.82 0.05 0.00	41.44 0.17 0.00	38.58 0.19 0.00	35.62 0.18 0.00
NEG___GEN_MONROE 24207	28.75 -0.77 -1.10	25.22 -0.59 -1.36	25.47 -0.70 -1.13	24.92 -0.71 -1.15	24.15 -0.56 -1.37	33.67 -0.93 -0.16	43.50 -1.66 -0.19	43.25 -1.83 -0.51	47.75 -2.43 2.71	45.90 -2.57 2.83	44.79 -2.23 1.49	43.83 -2.30 0.78	38.31 -2.49 2.89	37.36 -2.07 2.82	33.20 -1.80 1.02	34.08 -2.09 3.30	33.04 -1.91 1.06	38.03 -1.99 -0.15	41.98 -1.80 -0.99	48.16 -1.88 -0.59	47.83 -1.94 0.00	39.99 -1.28 0.00	37.54 -0.84 0.00	34.59 -0.85 0.00

NEPA__ENERGY 23901	28.05 -2.02 -1.66	24.78 -1.71 -2.06	24.84 -1.90 -1.71	24.33 -1.89 -1.73	23.87 -1.54 -2.06	32.17 -2.51 -0.23	41.62 -3.64 -0.29	40.96 -4.10 -0.49	43.92 -4.87 4.11	42.18 -4.82 4.31	41.79 -4.46 2.27	41.41 -4.32 1.18	35.16 -4.06 4.47	34.16 -3.80 4.29	30.99 -3.31 1.72	30.72 -3.67 5.08	31.04 -3.13 1.83	36.45 -3.47 -0.05	40.85 -3.42 -1.49	46.44 -3.91 -0.90	45.79 -3.98 0.00	39.21 -2.06 0.00	36.89 -1.50 0.00	34.38 -1.06 0.00
NEVERSINK__HYD 23608	38.47 1.42 -8.64	36.35 1.22 -10.69	35.11 1.20 -8.86	34.64 1.18 -8.98	35.19 1.14 -10.69	37.25 1.59 -1.22	48.89 2.43 -1.48	55.75 2.72 -8.46	56.28 3.39 0.00	54.79 3.49 0.00	51.72 3.20 0.00	50.00 3.10 0.00	48.89 3.06 -2.14	45.27 2.96 -0.06	43.40 2.38 -5.00	43.80 2.49 -1.83	44.40 2.31 -6.09	47.97 2.63 -5.46	53.38 2.87 -7.73	57.66 3.56 -4.65	53.10 3.33 0.00	43.96 2.68 0.00	40.53 2.15 0.00	37.32 1.88 0.00
NEWKRMKL_115KV_TB1 55635	41.08 0.82 -11.85	39.82 0.73 -14.65	37.94 0.75 -12.15	37.53 0.73 -12.31	38.73 0.72 -14.66	37.22 1.10 -1.67	48.41 1.39 -2.03	57.86 1.69 -11.59	54.90 2.01 0.00	53.30 2.00 0.00	50.41 1.89 0.00	48.83 1.92 0.00	48.37 1.75 -2.93	44.07 1.73 -0.08	44.31 1.44 -6.85	43.49 1.50 -2.51	45.76 1.40 -8.35	48.92 1.56 -7.49	55.01 1.63 -10.59	57.66 1.83 -6.38	51.66 1.89 0.00	42.76 1.49 0.00	39.54 1.15 0.00	36.61 1.17 0.00
NEWTON__FALLS_HYD 23847	27.70 -0.94 -0.23	23.89 -0.83 -0.28	24.47 -0.80 -0.23	23.96 -0.76 -0.24	22.81 -0.82 -0.28	33.45 -1.03 -0.03	43.67 -1.35 -0.04	43.44 -1.34 -0.21	51.20 -1.69 0.00	49.41 -1.90 0.00	46.68 -1.84 0.00	44.89 -2.02 0.00	41.91 -1.84 -0.05	40.36 -1.90 0.00	34.42 -1.73 -0.12	37.70 -1.82 -0.05	34.62 -1.55 -0.16	38.34 -1.67 -0.14	41.37 -1.63 -0.20	47.59 -1.98 -0.12	48.02 -1.74 0.00	39.83 -1.44 0.00	37.04 -1.34 0.00	34.20 -1.24 0.00
NGRID_A1_DSASP 323792	27.74 -2.07 -1.41	24.44 -1.73 -1.74	24.55 -1.93 -1.44	24.04 -1.91 -1.46	23.53 -1.56 -1.74	31.99 -2.65 -0.20	40.72 -4.50 -0.24	40.30 -4.73 -0.46	41.98 -6.08 4.83	40.19 -6.05 5.06	40.46 -5.39 2.67	40.45 -5.07 1.39	33.35 -5.07 5.28	32.65 -4.56 5.04	30.15 -3.78 2.09	29.22 -4.26 5.99	29.71 -4.03 2.26	35.38 -4.46 0.03	39.60 -4.45 -1.26	45.01 -5.19 -0.76	44.34 -5.42 0.00	37.81 -3.47 0.00	35.54 -2.84 0.00	32.89 -2.55 0.00
NGRID_A2_DSASP 323793	27.74 -2.07 -1.41	24.44 -1.73 -1.74	24.55 -1.93 -1.44	24.04 -1.91 -1.46	23.53 -1.56 -1.74	31.99 -2.65 -0.20	40.72 -4.50 -0.24	40.30 -4.73 -0.46	41.98 -6.08 4.83	40.19 -6.05 5.06	40.46 -5.39 2.67	40.45 -5.07 1.39	33.35 -5.07 5.28	32.65 -4.56 5.04	30.15 -3.78 2.09	29.22 -4.26 5.99	29.71 -4.03 2.26	35.38 -4.46 0.03	39.60 -4.45 -1.26	45.01 -5.19 -0.76	44.34 -5.42 0.00	37.81 -3.47 0.00	35.54 -2.84 0.00	32.89 -2.55 0.00
NGRID_A4_DSASP 323807	27.74 -2.07 -1.41	24.44 -1.73 -1.74	24.55 -1.93 -1.44	24.04 -1.91 -1.46	23.53 -1.56 -1.74	31.99 -2.65 -0.20	40.72 -4.50 -0.24	40.30 -4.73 -0.46	41.98 -6.08 4.83	40.19 -6.05 5.06	40.46 -5.39 2.67	40.45 -5.07 1.39	33.35 -5.07 5.28	32.65 -4.56 5.04	30.15 -3.78 2.09	29.22 -4.26 5.99	29.71 -4.03 2.26	35.38 -4.46 0.03	39.60 -4.45 -1.26	45.01 -5.19 -0.76	44.34 -5.42 0.00	37.81 -3.47 0.00	35.54 -2.84 0.00	32.89 -2.55 0.00
NIAGARA_115E_LBMP 323715	27.29 -2.53 -1.41	24.05 -2.13 -1.74	24.16 -2.33 -1.44	23.65 -2.30 -1.46	23.15 -1.94 -1.74	31.51 -3.13 -0.20	40.45 -4.77 -0.24	40.03 -4.99 -0.45	41.64 -6.40 4.85	39.86 -6.36 5.08	40.21 -5.63 2.68	40.16 -5.35 1.39	33.02 -5.38 5.30	32.34 -4.86 5.06	29.92 -4.00 2.10	28.87 -4.58 6.02	29.45 -4.29 2.27	35.17 -4.66 0.04	39.34 -4.71 -1.26	44.76 -5.44 -0.76	44.19 -5.57 0.00	37.64 -3.63 0.00	35.39 -2.99 0.00	32.71 -2.73 0.00
NIAGARA_115W_LBMP 323714	27.71 -2.10 -1.40	24.41 -1.76 -1.74	24.53 -1.95 -1.44	24.01 -1.94 -1.46	23.50 -1.59 -1.74	31.96 -2.69 -0.20	40.63 -4.59 -0.24	40.21 -4.81 -0.46	41.81 -6.24 4.84	40.03 -6.21 5.07	40.31 -5.53 2.67	40.31 -5.21 1.39	33.21 -5.20 5.29	32.52 -4.69 5.05	30.04 -3.89 2.10	29.09 -4.38 6.00	29.60 -4.14 2.27	35.29 -4.55 0.03	39.47 -4.58 -1.25	44.91 -5.29 -0.76	44.24 -5.53 0.00	37.68 -3.59 0.00	35.43 -2.95 0.00	32.78 -2.66 0.00
NIAGARA_230_LBMP 323716	27.67 -2.13 -1.39	24.37 -1.78 -1.72	24.48 -1.98 -1.42	23.97 -1.96 -1.44	23.43 -1.64 -1.72	31.99 -2.65 -0.20	41.08 -4.14 -0.24	40.61 -4.41 -0.46	42.34 -5.66 4.89	40.53 -5.64 5.13	40.82 -5.00 2.71	40.76 -4.74 1.41	33.62 -4.72 5.35	32.92 -4.23 5.11	30.37 -3.53 2.12	29.45 -3.95 6.08	30.00 -3.71 2.30	35.69 -4.15 0.04	39.88 -4.15 -1.24	45.40 -4.80 -0.75	44.79 -4.98 0.00	38.10 -3.18 0.00	35.81 -2.57 0.00	33.10 -2.34 0.00
NIAGARA__115KV_198_GIBSON 55903	27.71 -2.10 -1.40	24.41 -1.76 -1.74	24.53 -1.95 -1.44	24.01 -1.93 -1.46	23.50 -1.59 -1.74	31.96 -2.69 -0.20	40.59 -4.63 -0.24	40.21 -4.81 -0.46	41.87 -6.19 4.84	40.03 -6.21 5.07	40.31 -5.53 2.67	40.26 -5.25 1.39	33.21 -5.20 5.29	32.56 -4.65 5.05	30.00 -3.93 2.10	29.05 -4.42 6.00	29.60 -4.14 2.27	35.25 -4.59 0.03	39.47 -4.58 -1.25	44.91 -5.29 -0.76	44.24 -5.52 0.00	37.56 -3.71 0.00	35.43 -2.96 0.00	32.82 -2.62 0.00
NIAGARA____ 23760	27.68 -2.13 -1.41	24.39 -1.78 -1.74	24.50 -1.98 -1.44	23.99 -1.96 -1.46	23.46 -1.64 -1.74	31.99 -2.65 -0.20	41.08 -4.14 -0.24	40.61 -4.41 -0.46	42.37 -5.66 4.86	40.57 -5.64 5.09	40.84 -5.00 2.68	40.77 -4.74 1.40	33.67 -4.72 5.30	32.97 -4.23 5.06	30.39 -3.53 2.10	29.51 -3.95 6.02	30.02 -3.71 2.28	35.69 -4.15 0.04	39.89 -4.15 -1.25	45.40 -4.80 -0.75	44.79 -4.98 0.00	38.10 -3.18 0.00	35.81 -2.57 0.00	33.10 -2.34 0.00
NINE_MILE_1 23575	28.44 -0.51 -0.54	24.67 -0.44 -0.67	25.12 -0.48 -0.56	24.58 -0.47 -0.56	23.62 -0.40 -0.67	33.91 -0.62 -0.08	44.17 -0.90 -0.09	43.94 -1.16 -0.53	51.41 -1.48 0.00	49.87 -1.44 0.00	47.16 -1.36 0.00	45.59 -1.31 0.00	42.56 -1.27 -0.13	41.12 -1.14 0.00	35.36 -0.97 -0.31	38.56 -1.03 -0.11	35.45 -0.94 -0.38	39.18 -1.04 -0.34	42.21 -1.07 -0.48	48.50 -1.23 -0.29	48.47 -1.29 0.00	40.28 -0.99 0.00	37.54 -0.84 0.00	34.73 -0.71 0.00
NINE_MILE_2 23744	28.44 -0.51 -0.54	24.67 -0.44 -0.67	25.12 -0.48 -0.55	24.58 -0.47 -0.56	23.62 -0.40 -0.67	33.91 -0.62 -0.08	44.13 -0.95 -0.09	43.94 -1.16 -0.53	51.41 -1.48 0.00	49.87 -1.44 0.00	47.16 -1.36 0.00	45.59 -1.31 0.00	42.56 -1.27 -0.13	41.12 -1.14 0.00	35.36 -0.97 -0.31	38.56 -1.03 -0.11	35.45 -0.94 -0.38	39.18 -1.04 -0.34	42.20 -1.07 -0.48	48.50 -1.23 -0.29	48.47 -1.29 0.00	40.24 -1.03 0.00	37.54 -0.84 0.00	34.73 -0.71 0.00
NM_CAPITAL__DRP 24208	41.12 0.91 -11.80	39.84 0.81 -14.60	37.97 0.83 -12.11	37.56 0.81 -12.27	38.75 0.79 -14.61	37.28 1.17 -1.66	48.53 1.53 -2.03	58.04 1.92 -11.55	55.17 2.27 0.00	53.56 2.26 0.00	50.61 2.09 0.00	49.02 2.11 0.00	48.53 1.92 -2.92	44.24 1.90 -0.08	44.47 1.62 -6.83	43.68 1.70 -2.50	45.88 1.55 -8.32	48.97 1.63 -7.46	55.10 1.75 -10.56	57.78 1.98 -6.36	51.81 2.04 0.00	42.88 1.61 0.00	39.61 1.23 0.00	36.64 1.20 0.00

NM_CENTRAL___DRP 24181	29.21 0.00 -0.80	25.42 0.00 -0.99	25.83 -0.03 -0.82	25.27 -0.05 -0.83	24.36 0.02 -0.99	34.56 0.00 -0.11	45.07 -0.04 -0.14	45.13 -0.22 -0.78	52.57 -0.32 0.00	51.00 -0.31 0.00	48.28 -0.24 0.00	46.62 -0.28 0.00	43.63 -0.26 -0.20	42.05 -0.21 -0.01	36.31 -0.18 -0.46	39.49 -0.16 -0.17	36.39 -0.18 -0.56	40.14 -0.24 -0.50	43.29 -0.21 -0.71	49.68 -0.20 -0.43	49.47 -0.30 0.00	41.07 -0.21 0.00	38.27 -0.12 0.00	35.33 -0.11 0.00
NM_FRONTIER___DRP 24179	27.71 -2.10 -1.40	24.41 -1.76 -1.74	24.53 -1.95 -1.44	24.01 -1.93 -1.46	23.50 -1.59 -1.74	31.96 -2.69 -0.20	40.59 -4.63 -0.24	40.21 -4.81 -0.46	41.87 -6.19 4.84	40.03 -6.21 5.07	40.31 -5.53 2.67	40.26 -5.25 1.39	33.21 -5.20 5.29	32.56 -4.65 5.05	30.00 -3.93 2.10	29.05 -4.42 6.00	29.60 -4.14 2.27	35.25 -4.59 0.03	39.47 -4.58 -1.25	44.91 -5.29 -0.76	44.24 -5.52 0.00	37.56 -3.71 0.00	35.43 -2.96 0.00	32.82 -2.62 0.00
NM_ST_REGIS___HYD 24053	27.42 -0.99 0.00	23.56 -0.88 0.00	24.26 -0.78 0.00	23.78 -0.71 0.00	22.49 -0.86 0.00	33.35 -1.10 0.00	43.49 -1.48 0.00	43.14 -1.43 0.00	51.15 -1.75 0.00	49.51 -1.80 0.00	46.72 -1.80 0.00	45.08 -1.83 0.00	42.08 -1.62 0.00	40.52 -1.73 0.00	34.55 -1.48 0.00	37.93 -1.54 0.00	34.64 -1.37 0.00	38.36 -1.52 0.00	41.12 -1.67 0.00	47.47 -1.98 0.00	48.02 -1.74 0.00	39.79 -1.49 0.00	37.12 -1.27 0.00	34.34 -1.10 0.00
NORTHPORT___1 23551	40.03 2.02 -9.60	38.05 1.74 -11.88	36.51 1.63 -9.84	35.93 1.47 -9.97	36.86 1.63 -11.88	38.07 2.27 -1.35	50.41 3.78 -1.66	57.58 3.61 -9.40	57.13 4.23 -0.01	55.36 4.05 -0.01	52.17 3.64 -0.01	50.76 3.85 -0.01	49.92 3.85 -2.38	50.25 3.72 -4.28	44.57 2.99 -5.56	45.21 3.51 -2.22	45.84 3.06 -6.78	49.26 3.31 -6.08	55.10 3.72 -8.59	59.02 4.40 -5.18	54.16 4.38 -0.01	45.16 3.88 -0.01	41.73 3.34 -0.01	38.28 2.84 -0.01
NORTHPORT___2 23552	40.03 2.02 -9.60	38.05 1.74 -11.88	36.51 1.63 -9.84	35.93 1.47 -9.97	36.86 1.63 -11.88	38.07 2.27 -1.35	50.41 3.78 -1.66	57.58 3.61 -9.40	57.13 4.23 -0.01	55.36 4.05 -0.01	52.17 3.64 -0.01	50.76 3.85 -0.01	49.92 3.85 -2.38	50.25 3.72 -4.28	44.57 2.99 -5.56	45.21 3.51 -2.22	45.84 3.06 -6.78	49.26 3.31 -6.08	55.10 3.72 -8.59	59.02 4.40 -5.18	54.16 4.38 -0.01	45.16 3.88 -0.01	41.73 3.34 -0.01	38.28 2.84 -0.01
NORTHPORT___3 23553	40.26 2.24 -9.60	38.25 1.93 -11.88	36.71 1.83 -9.84	36.15 1.69 -9.97	37.02 1.80 -11.88	38.35 2.55 -1.35	50.64 4.00 -1.66	58.16 4.19 -9.40	57.87 4.97 -0.01	56.08 4.77 -0.01	52.94 4.41 -0.01	51.37 4.46 -0.01	50.40 4.33 -2.38	50.76 4.18 -4.31	45.18 3.60 -5.56	45.68 3.99 -2.23	46.38 3.60 -6.78	49.90 3.95 -6.08	55.70 4.32 -8.59	59.67 5.05 -5.18	54.85 5.08 -0.01	45.41 4.13 -0.01	41.92 3.53 -0.01	38.46 3.01 -0.01
NORTHPORT___4 23650	40.26 2.24 -9.60	38.25 1.93 -11.88	36.71 1.83 -9.84	36.15 1.69 -9.97	37.02 1.80 -11.88	38.35 2.55 -1.35	50.64 4.00 -1.66	58.16 4.19 -9.40	57.87 4.97 -0.01	56.08 4.77 -0.01	52.94 4.41 -0.01	51.37 4.46 -0.01	50.40 4.33 -2.38	50.76 4.18 -4.31	45.18 3.60 -5.56	45.68 3.99 -2.23	46.38 3.60 -6.78	49.90 3.95 -6.08	55.70 4.32 -8.59	59.67 5.05 -5.18	54.85 5.08 -0.01	45.41 4.13 -0.01	41.92 3.53 -0.01	38.46 3.01 -0.01
NORTHPORT___IC 23718	40.03 2.02 -9.60	38.05 1.74 -11.88	36.51 1.63 -9.84	35.93 1.47 -9.97	36.86 1.63 -11.88	38.07 2.27 -1.35	50.41 3.78 -1.66	57.54 3.57 -9.40	57.13 4.23 -0.01	55.37 4.05 -0.01	52.21 3.69 -0.01	50.76 3.85 -0.01	49.92 3.85 -2.38	50.25 3.72 -4.28	44.57 2.99 -5.56	45.21 3.51 -2.22	45.84 3.06 -6.78	49.26 3.31 -6.08	55.10 3.72 -8.59	58.92 4.30 -5.18	54.11 4.33 -0.01	45.20 3.92 -0.01	41.77 3.38 -0.01	38.28 2.84 -0.01
NORTH___COUNTRY_ESR 323785	27.27 -1.14 0.00	23.48 -0.95 0.00	24.26 -0.78 0.00	23.78 -0.71 0.00	22.49 -0.86 0.00	33.31 -1.14 0.00	43.27 -1.71 0.00	42.88 -1.69 0.00	50.77 -2.12 0.00	49.35 -1.95 0.00	46.63 -1.89 0.00	45.12 -1.78 0.00	42.03 -1.66 0.00	40.61 -1.65 0.00	34.76 -1.26 0.00	38.21 -1.26 0.00	34.82 -1.19 0.00	38.40 -1.47 0.00	41.03 -1.76 0.00	47.37 -2.07 0.00	47.88 -1.89 0.00	39.71 -1.57 0.00	37.08 -1.31 0.00	34.38 -1.06 0.00
NPX_GEN_1385_PROXY 323591	39.95 1.93 -9.60	37.98 1.66 -11.88	36.44 1.55 -9.84	35.86 1.40 -9.97	36.84 1.61 -11.88	38.04 2.24 -1.35	50.28 3.64 -1.66	57.73 3.52 -9.64	56.79 4.13 0.23	54.75 3.44 -0.01	51.39 2.86 -0.01	50.34 3.42 -0.01	49.53 3.45 -2.38	49.87 3.34 -4.28	44.50 2.92 -5.56	45.41 3.71 -2.22	46.02 3.24 -6.78	49.10 3.15 -6.08	55.01 3.63 -8.59	58.92 4.30 -5.18	53.90 4.13 -0.01	45.29 4.00 -0.01	41.65 3.26 -0.01	38.50 3.05 -0.01
NPX_GEN_CSC 323557	39.78 1.76 -9.60	37.81 1.49 -11.88	36.23 1.35 -9.84	35.64 1.18 -9.97	36.77 1.54 -11.88	37.73 1.93 -1.35	50.59 3.96 -1.66	57.65 3.43 -9.64	56.26 3.60 0.23	54.49 3.18 -0.01	51.24 2.72 -0.01	49.87 2.96 -0.01	49.31 3.23 -2.38	49.71 3.13 -4.32	44.14 2.56 -5.56	45.49 3.79 -2.23	45.66 2.88 -6.78	49.18 3.23 -6.08	55.36 3.98 -8.59	59.57 4.94 -5.18	53.96 4.18 -0.01	44.83 3.55 -0.01	42.12 3.72 -0.01	38.39 2.94 -0.01
NSINS_S___GLNS_FALLS 23858	42.73 2.13 -12.19	41.30 1.78 -15.08	39.38 1.83 -12.51	38.97 1.81 -12.67	40.24 1.80 -15.09	38.92 2.76 -1.72	50.76 3.69 -2.09	60.42 3.92 -11.93	57.92 5.02 0.00	56.18 4.87 0.00	53.03 4.51 0.00	51.22 4.32 0.00	50.51 3.80 -3.01	45.97 3.63 -0.08	46.06 2.99 -7.05	45.22 3.16 -2.59	47.74 3.13 -8.60	51.09 3.51 -7.71	57.54 3.85 -10.90	60.46 4.45 -6.57	54.30 4.53 0.00	44.91 3.63 0.00	41.34 2.96 0.00	37.88 2.45 0.00
NUCOR_STEEL___DRP 24197	29.78 0.26 -1.11	26.03 0.22 -1.37	26.38 0.20 -1.14	25.81 0.17 -1.15	24.96 0.23 -1.37	34.95 0.34 -0.16	45.44 0.27 -0.19	46.16 0.13 -1.46	54.11 0.21 -1.01	52.46 0.10 -1.06	49.17 0.10 -0.56	47.24 0.05 -0.29	45.10 -0.09 -1.50	43.36 0.04 -1.06	37.38 0.00 -1.35	41.10 0.04 -1.59	37.72 0.04 -1.67	40.96 0.04 -1.05	43.91 0.13 -0.99	50.24 0.20 -0.60	49.92 0.15 0.00	41.44 0.17 0.00	38.65 0.27 0.00	35.69 0.25 0.00
NUMBER_THREE_WT_PWR 323818	28.46 -0.26 -0.31	24.57 -0.24 -0.38	25.13 -0.23 -0.32	24.61 -0.20 -0.32	23.50 -0.23 -0.38	34.29 -0.21 -0.04	44.81 -0.22 -0.05	44.54 -0.31 -0.28	52.41 -0.48 0.00	50.54 -0.77 0.00	47.69 -0.83 0.00	45.87 -1.03 0.00	42.76 -1.00 -0.07	41.24 -1.01 0.00	35.18 -1.01 -0.16	38.47 -1.06 -0.06	35.46 -0.76 -0.22	39.27 -0.80 -0.20	42.51 -0.56 -0.28	48.87 -0.74 -0.17	49.17 -0.59 0.00	40.86 -0.41 0.00	37.96 -0.42 0.00	34.98 -0.46 0.00
NYISO_LBMP_REFERENCE 24008	28.41 0.00 0.00	24.44 0.00 0.00	25.04 0.00 0.00	24.49 0.00 0.00	23.35 0.00 0.00	34.45 0.00 0.00	44.98 0.00 0.00	44.57 0.00 0.00	52.89 0.00 0.00	51.30 0.00 0.00	48.52 0.00 0.00	46.90 0.00 0.00	43.69 0.00 0.00	42.26 0.00 0.00	36.02 0.00 0.00	39.47 0.00 0.00	36.01 0.00 0.00	39.87 0.00 0.00	42.79 0.00 0.00	49.45 0.00 0.00	49.77 0.00 0.00	41.27 0.00 0.00	38.38 0.00 0.00	35.44 0.00 0.00

NYPA_BRENTWD____GT 24164	40.51 2.50 -9.60	38.44 2.12 -11.88	36.89 2.00 -9.84	36.30 1.84 -9.97	37.21 1.98 -11.88	38.63 2.83 -1.35	51.18 4.54 -1.66	58.56 4.59 -9.40	58.24 5.34 -0.01	56.44 5.13 -0.01	53.23 4.70 -0.01	51.75 4.83 -0.01	50.79 4.72 -2.38	51.25 4.57 -4.43	45.36 3.78 -5.56	46.05 4.34 -2.23	46.60 3.81 -6.78	50.14 4.19 -6.08	56.09 4.71 -8.59	60.21 5.59 -5.18	55.20 5.43 -0.01	45.90 4.62 -0.01	42.39 3.99 -0.01	38.82 3.37 -0.01
NYPA_GOWANUS____GT5 24156	54.56 2.22 -23.93	53.88 1.83 -27.61	53.88 1.88 -26.96	36.28 1.81 -9.98	36.98 1.75 -11.88	38.22 2.41 -1.36	54.00 3.82 -5.20	58.25 4.28 -9.40	59.06 5.19 -0.99	59.26 5.18 -2.77	58.69 4.90 -5.27	57.47 4.92 -5.65	58.61 4.72 -10.20	56.18 4.61 -9.32	58.01 4.00 -17.99	56.14 4.23 -12.44	58.10 3.85 -18.24	89.18 4.27 -45.03	58.60 4.49 -11.32	97.07 5.24 -42.39	97.06 5.22 -42.07	58.55 4.13 -13.15	55.63 3.38 -13.87	54.58 2.77 -16.38
NYPA_GOWANUS____GT6 24157	54.56 2.22 -23.93	53.88 1.83 -27.61	53.88 1.88 -26.96	36.28 1.81 -9.98	36.98 1.75 -11.88	38.22 2.41 -1.36	54.00 3.82 -5.20	58.25 4.28 -9.40	59.06 5.19 -0.99	59.26 5.18 -2.77	58.69 4.90 -5.27	57.47 4.92 -5.65	58.61 4.72 -10.20	56.18 4.61 -9.32	58.01 4.00 -17.99	56.14 4.23 -12.44	58.10 3.85 -18.24	89.18 4.27 -45.03	58.60 4.49 -11.32	97.07 5.24 -42.39	97.06 5.22 -42.07	58.55 4.13 -13.15	55.63 3.38 -13.87	54.58 2.77 -16.38
NYPA_HARLEM__RVR__GT1 24160	39.94 1.93 -9.59	37.87 1.57 -11.87	36.49 1.60 -9.84	35.98 1.52 -9.97	36.67 1.45 -11.88	37.72 1.93 -1.34	49.77 3.15 -1.64	57.56 3.61 -9.38	57.38 4.49 0.01	55.81 4.52 0.01	52.78 4.27 0.01	51.21 4.31 0.01	50.21 4.15 -2.36	46.37 4.06 -0.06	45.10 3.53 -5.54	45.21 3.71 -2.03	46.15 3.38 -6.76	49.64 3.71 -6.06	55.30 3.93 -8.57	59.15 4.55 -5.16	54.33 4.58 0.01	44.82 3.55 0.01	41.22 2.84 0.00	37.78 2.34 0.00
NYPA_HARLEM__RVR__GT2 24161	39.94 1.93 -9.59	37.87 1.57 -11.87	36.49 1.60 -9.84	35.98 1.52 -9.97	36.67 1.45 -11.88	37.72 1.93 -1.34	49.77 3.15 -1.64	57.56 3.61 -9.38	57.38 4.49 0.01	55.81 4.52 0.01	52.78 4.27 0.01	51.21 4.31 0.01	50.21 4.15 -2.36	46.37 4.06 -0.06	45.10 3.53 -5.54	45.21 3.71 -2.03	46.15 3.38 -6.76	49.64 3.71 -6.06	55.30 3.93 -8.57	59.15 4.55 -5.16	54.33 4.58 0.01	44.82 3.55 0.01	41.22 2.84 0.00	37.78 2.34 0.00
NYPA_KENT____GT 24152	48.35 2.13 -17.81	47.06 1.74 -20.89	46.50 1.80 -19.66	36.18 1.71 -9.97	36.89 1.66 -11.88	38.11 2.31 -1.35	48.50 3.64 0.12	58.06 4.10 -9.39	59.39 5.03 -1.47	54.90 4.98 1.38	61.13 4.70 -7.90	60.10 4.74 -8.46	62.34 4.54 -14.10	60.64 4.44 -13.94	64.08 3.86 -24.20	61.22 4.11 -17.64	63.69 3.71 -23.98	74.30 4.11 -30.32	59.84 4.37 -12.69	72.01 5.05 -17.52	77.93 5.02 -23.14	38.67 3.96 6.57	62.40 3.22 -20.79	62.62 2.62 -24.56
NYPA_POUCH1____GT 24155	54.53 2.19 -23.93	53.85 1.81 -27.61	53.85 1.85 -26.96	36.25 1.79 -9.98	36.94 1.70 -11.88	38.18 2.38 -1.36	53.91 3.73 -5.20	58.12 4.15 -9.40	58.90 5.03 -0.99	59.05 4.98 -2.77	58.55 4.76 -5.27	57.34 4.79 -5.65	58.52 4.63 -10.20	56.05 4.48 -9.32	57.90 3.89 -17.99	56.06 4.14 -12.44	57.99 3.74 -18.24	89.05 4.15 -45.03	58.52 4.41 -11.32	96.93 5.09 -42.39	96.91 5.08 -42.07	58.47 4.05 -13.15	55.55 3.30 -13.87	54.51 2.69 -16.38
NYPA_VERNON____GT2 24162	42.12 2.02 -11.70	40.28 1.66 -14.18	39.10 1.70 -12.35	36.07 1.62 -9.97	36.79 1.56 -11.87	37.97 2.17 -1.35	50.09 3.46 -1.65	57.88 3.92 -9.39	57.70 4.81 0.00	56.13 4.82 -0.01	53.09 4.56 -0.01	51.51 4.60 -0.01	50.48 4.41 -2.37	46.64 4.31 -0.07	45.33 3.75 -5.56	45.46 3.95 -2.04	46.34 3.57 -6.77	49.88 3.95 -6.06	55.57 4.20 -8.58	58.23 4.85 -3.94	53.46 4.83 1.13	45.07 3.79 0.00	41.46 3.07 0.00	37.92 2.48 0.00
NYPA_VERNON____GT3 24163	42.12 2.02 -11.70	40.28 1.66 -14.18	39.10 1.70 -12.35	36.07 1.62 -9.97	36.79 1.56 -11.87	37.97 2.17 -1.35	50.09 3.46 -1.65	57.88 3.92 -9.39	57.70 4.81 0.00	56.13 4.82 -0.01	53.09 4.56 -0.01	51.51 4.60 -0.01	50.48 4.41 -2.37	46.64 4.31 -0.07	45.33 3.75 -5.56	45.46 3.95 -2.04	46.34 3.57 -6.77	49.88 3.95 -6.06	55.57 4.20 -8.58	58.23 4.85 -3.94	53.46 4.83 1.13	45.07 3.79 0.00	41.46 3.07 0.00	37.92 2.48 0.00
NYPA__ASTORIA_CC1 323568	39.99 1.99 -9.59	37.94 1.64 -11.87	36.59 1.70 -9.84	36.08 1.62 -9.97	36.79 1.56 -11.88	37.94 2.14 -1.35	50.04 3.42 -1.65	57.84 3.88 -9.39	57.65 4.76 0.00	56.08 4.77 -0.01	53.04 4.51 -0.01	51.46 4.55 -0.01	50.43 4.37 -2.37	46.60 4.27 -0.07	45.29 3.71 -5.56	45.42 3.91 -2.04	46.34 3.57 -6.77	50.80 3.91 -7.01	55.52 4.15 -8.58	59.41 4.79 -5.17	54.59 4.83 0.00	45.03 3.76 0.00	41.42 3.03 0.00	37.92 2.48 0.00
NYPA__ASTORIA_CC2 323569	39.99 1.99 -9.59	37.94 1.64 -11.87	36.59 1.70 -9.84	36.08 1.62 -9.97	36.79 1.56 -11.88	37.94 2.14 -1.35	50.04 3.42 -1.65	57.84 3.88 -9.39	57.65 4.76 0.00	56.08 4.77 -0.01	53.04 4.51 -0.01	51.46 4.55 -0.01	50.43 4.37 -2.37	46.60 4.27 -0.07	45.29 3.71 -5.56	45.42 3.91 -2.04	46.34 3.57 -6.77	50.80 3.91 -7.01	55.52 4.15 -8.58	59.41 4.79 -5.17	54.59 4.83 0.00	45.03 3.76 0.00	41.42 3.03 0.00	37.92 2.48 0.00
NYPA__HOLTSVILL 23794	40.03 2.02 -9.60	38.03 1.71 -11.88	36.46 1.58 -9.84	35.91 1.44 -9.97	36.88 1.66 -11.88	38.04 2.24 -1.35	50.59 3.96 -1.66	57.76 3.79 -9.40	57.18 4.28 -0.01	55.36 4.05 -0.01	52.12 3.59 -0.01	50.71 3.80 -0.01	49.87 3.80 -2.38	50.29 3.72 -4.32	44.64 3.06 -5.56	45.53 3.83 -2.23	45.98 3.20 -6.78	49.50 3.55 -6.08	55.45 4.07 -8.59	59.52 4.90 -5.18	54.35 4.58 -0.01	45.21 3.92 -0.01	41.96 3.57 -0.01	38.39 2.94 -0.01
NYPA__HELLGATE_GT1 24158	39.94 1.93 -9.59	37.87 1.57 -11.87	36.49 1.60 -9.84	35.98 1.52 -9.97	36.67 1.45 -11.88	37.72 1.93 -1.34	49.77 3.15 -1.64	57.56 3.61 -9.38	57.38 4.49 0.01	55.81 4.52 0.01	52.78 4.27 0.01	51.21 4.31 0.01	50.21 4.15 -2.36	46.37 4.06 -0.06	45.10 3.53 -5.54	45.21 3.71 -2.03	46.15 3.38 -6.76	49.64 3.71 -6.06	55.30 3.93 -8.57	59.15 4.55 -5.16	54.33 4.58 0.01	44.82 3.55 0.01	41.22 2.84 0.00	37.78 2.34 0.00
NYPA__HELLGATE_GT2 24159	39.94 1.93 -9.59	37.87 1.57 -11.87	36.49 1.60 -9.84	35.98 1.52 -9.97	36.67 1.45 -11.88	37.72 1.93 -1.34	49.77 3.15 -1.64	57.56 3.61 -9.38	57.38 4.49 0.01	55.81 4.52 0.01	52.78 4.27 0.01	51.21 4.31 0.01	50.21 4.15 -2.36	46.37 4.06 -0.06	45.10 3.53 -5.54	45.21 3.71 -2.03	46.15 3.38 -6.76	49.64 3.71 -6.06	55.30 3.93 -8.57	59.15 4.55 -5.16	54.33 4.58 0.01	44.82 3.55 0.01	41.22 2.84 0.00	37.78 2.34 0.00
NYS_BARGE__HYD 23848	27.62 -2.16 -1.37	24.33 -1.81 -1.70	24.44 -2.00 -1.41	23.93 -1.98 -1.43	23.39 -1.66 -1.70	31.92 -2.72 -0.19	41.08 -4.14 -0.24	40.65 -4.37 -0.45	42.28 -5.61 5.01	40.47 -5.59 5.25	40.80 -4.95 2.77	40.73 -4.74 1.44	33.46 -4.76 5.48	32.76 -4.27 5.23	30.28 -3.57 2.18	29.19 -4.06 6.22	29.82 -3.82 2.36	35.67 -4.15 0.05	39.87 -4.15 -1.23	45.44 -4.75 -0.74	44.94 -4.83 0.00	38.22 -3.05 0.00	35.97 -2.42 0.00	33.24 -2.20 0.00

OAK ORCHARD___HYD 24046	28.71 -0.80 -1.09	25.15 -0.64 -1.35	25.43 -0.73 -1.12	24.89 -0.73 -1.13	24.12 -0.58 -1.35	33.64 -0.96 -0.15	43.55 -1.62 -0.19	43.25 -1.83 -0.51	47.96 -2.33 2.61	46.16 -2.41 2.73	45.04 -2.04 1.44	44.09 -2.06 0.75	38.77 -2.14 2.78	37.76 -1.77 2.72	33.47 -1.58 0.97	34.48 -1.82 3.18	33.31 -1.69 1.00	38.24 -1.79 -0.16	42.14 -1.63 -0.98	48.26 -1.78 -0.59	47.72 -2.04 0.00	40.04 -1.24 0.00	37.43 -0.96 0.00	34.45 -0.99 0.00
OAKDALE___35_KV_LOAD 356122	31.29 -0.11 -2.99	28.04 -0.10 -3.70	27.96 -0.15 -3.07	27.45 -0.15 -3.11	27.01 -0.05 -3.71	34.73 -0.14 -0.42	45.31 -0.18 -0.51	47.25 -0.09 -2.76	53.02 -0.11 -0.24	51.45 -0.10 -0.25	48.51 -0.15 -0.13	46.84 -0.14 -0.07	44.53 -0.13 -0.96	42.44 -0.08 -0.27	37.67 -0.11 -1.75	40.25 -0.12 -0.90	36.91 -0.22 -1.12	41.05 -0.24 -1.41	45.34 -0.13 -2.68	50.91 -0.15 -1.61	49.57 -0.20 0.00	41.36 0.08 0.00	38.50 0.12 0.00	35.55 0.11 0.00
OCC_CHEM___DRP 24175	27.74 -2.07 -1.41	24.44 -1.74 -1.74	24.55 -1.93 -1.44	24.04 -1.91 -1.46	23.52 -1.56 -1.74	31.99 -2.65 -0.20	40.68 -4.54 -0.24	40.30 -4.72 -0.46	41.98 -6.08 4.83	40.19 -6.05 5.06	40.42 -5.43 2.67	40.40 -5.11 1.39	33.35 -5.07 5.28	32.70 -4.52 5.04	30.12 -3.82 2.09	29.18 -4.30 5.99	29.71 -4.03 2.26	35.37 -4.47 0.03	39.60 -4.45 -1.26	45.06 -5.14 -0.76	44.34 -5.42 0.00	37.68 -3.59 0.00	35.54 -2.84 0.00	32.92 -2.52 0.00
OH_GEN_PROXY 24063	27.70 -2.10 -1.39	24.40 -1.76 -1.72	24.52 -1.95 -1.43	24.00 -1.94 -1.45	23.46 -1.61 -1.72	32.03 -2.62 -0.20	41.17 -4.05 -0.24	40.96 -4.32 -0.71	42.50 -5.55 4.84	41.00 -5.49 4.82	41.08 -4.90 2.54	40.94 -4.64 1.32	34.05 -4.63 5.01	33.32 -4.14 4.80	30.60 -3.46 1.97	29.91 -3.87 5.70	30.25 -3.64 2.12	35.84 -4.03 0.01	40.01 -4.02 -1.25	45.55 -4.65 -0.75	44.94 -4.83 0.00	38.22 -3.05 0.00	35.89 -2.49 0.00	33.17 -2.27 0.00
OLIN_CORP_DRP 24177	27.38 -2.44 -1.42	24.14 -2.05 -1.75	24.21 -2.28 -1.45	23.71 -2.25 -1.47	23.21 -1.89 -1.75	31.58 -3.07 -0.20	40.54 -4.68 -0.24	40.17 -4.86 -0.46	41.84 -6.24 4.81	40.06 -6.21 5.04	40.28 -5.58 2.66	40.27 -5.25 1.38	33.24 -5.20 5.25	32.55 -4.69 5.02	30.02 -3.93 2.08	29.01 -4.50 5.97	29.58 -4.18 2.25	35.22 -4.63 0.03	39.43 -4.62 -1.27	44.92 -5.29 -0.76	44.24 -5.52 0.00	37.60 -3.67 0.00	35.47 -2.92 0.00	32.85 -2.59 0.00
OLIN_CORP_DSASP 323712	27.74 -2.07 -1.41	24.44 -1.73 -1.74	24.55 -1.93 -1.44	24.04 -1.91 -1.46	23.53 -1.56 -1.74	31.99 -2.65 -0.20	40.72 -4.50 -0.24	40.30 -4.73 -0.46	41.98 -6.08 4.83	40.19 -6.05 5.06	40.46 -5.39 2.67	40.45 -5.07 1.39	33.35 -5.07 5.28	32.65 -3.78 5.04	30.15 -3.78 2.09	29.22 -4.26 5.99	29.71 -4.03 2.26	35.38 -4.46 0.03	39.60 -4.45 -1.26	45.01 -5.19 -0.76	44.34 -5.42 0.00	37.81 -3.47 0.00	35.54 -2.84 0.00	32.89 -2.55 0.00
ONEIDA_HERK_LFGE 323681	29.02 0.34 -0.27	25.03 0.27 -0.33	25.56 0.25 -0.27	25.03 0.27 -0.28	23.91 0.23 -0.33	34.97 0.48 -0.04	45.65 0.63 -0.05	45.34 0.54 -0.23	53.53 0.64 0.00	51.76 0.46 0.00	48.91 0.39 0.00	47.05 0.14 0.00	43.88 0.13 -0.06	42.39 0.13 0.00	36.12 -0.04 -0.14	39.56 0.04 -0.05	36.37 0.18 -0.19	40.24 0.20 -0.17	43.45 0.43 -0.24	49.94 0.35 -0.14	50.26 0.50 0.00	41.73 0.45 0.00	38.77 0.38 0.00	35.72 0.28 0.00
ONEIDA___115KV_TB4 55905	29.66 0.74 -0.52	25.69 0.61 -0.64	26.17 0.60 -0.53	25.61 0.59 -0.54	24.57 0.58 -0.64	35.45 0.93 -0.07	46.28 1.21 -0.09	46.44 1.34 -0.53	54.58 1.69 0.00	52.74 1.44 0.00	49.88 1.36 0.00	47.98 1.08 0.00	44.83 1.00 -0.13	43.23 0.97 0.00	37.02 0.68 -0.31	40.22 0.63 -0.11	37.05 0.68 -0.36	40.96 0.76 -0.33	44.28 1.03 -0.46	50.76 1.04 -0.28	50.86 1.09 0.00	42.26 0.99 0.00	39.31 0.92 0.00	36.25 0.82 0.00
ONONDAGA_REF_OCCRA 23987	29.49 0.09 -1.00	25.72 0.05 -1.23	26.09 0.03 -1.02	25.55 0.02 -1.04	24.65 0.07 -1.23	34.69 0.10 -0.14	45.24 0.09 -0.17	45.77 -0.04 -1.25	53.51 -0.11 -0.73	51.96 -0.10 -0.76	48.82 -0.10 -0.40	46.97 -0.14 -0.21	44.65 -0.17 -1.13	42.94 -0.08 -0.77	37.04 -0.07 -1.09	40.58 -0.08 -1.19	37.27 -0.07 -1.33	40.63 -0.12 -0.87	43.64 -0.04 -0.89	49.98 0.00 -0.54	49.67 -0.10 0.00	41.23 -0.04 0.00	38.42 0.04 0.00	35.47 0.04 0.00
ONONDAGA___COGEN 23986	29.47 0.14 -0.92	25.70 0.12 -1.14	26.08 0.10 -0.94	25.54 0.10 -0.96	24.63 0.14 -1.14	34.79 0.21 -0.13	45.32 0.18 -0.16	45.47 0.00 -0.90	52.89 0.00 0.00	51.30 0.00 0.00	48.52 0.00 0.00	46.86 -0.05 0.00	43.83 -0.09 -0.23	42.26 0.00 -0.01	36.56 0.00 -0.53	39.71 0.04 -0.19	36.65 0.00 -0.65	40.41 -0.04 -0.58	43.66 0.04 -0.82	49.99 0.05 -0.50	49.72 -0.05 0.00	41.23 -0.04 0.00	38.46 0.08 0.00	35.55 0.11 0.00
ONTARIO___LFGE 23819	29.49 -0.26 -1.34	25.87 -0.22 -1.66	26.14 -0.27 -1.37	25.61 -0.27 -1.39	24.89 -0.12 -1.66	34.47 -0.17 -0.19	44.94 -0.27 -0.23	44.27 -0.31 -0.01	51.00 -0.42 1.47	49.20 -0.56 1.54	47.14 -0.58 0.80	45.80 -0.70 0.41	41.27 -0.79 1.64	40.05 -0.68 1.53	34.70 -0.61 0.71	36.98 -0.63 1.86	34.83 -0.65 0.53	39.22 -0.64 0.01	43.52 -0.47 -1.20	49.77 -0.40 -0.72	49.32 -0.45 0.00	41.07 -0.21 0.00	38.35 -0.04 0.00	35.40 -0.04 0.00
ORANGEVILLE_WT_PWR 323706	27.72 -2.53 -1.83	24.56 -2.15 -2.27	24.59 -2.33 -1.88	24.14 -2.25 -1.91	23.71 -1.91 -2.27	31.78 -2.93 -0.26	41.06 -4.23 -0.31	40.28 -4.32 -0.03	26.91 -5.34 20.64	24.35 -5.34 21.62	32.05 -5.05 11.43	36.02 -4.92 5.96	15.95 -4.72 23.03	16.18 -4.52 21.56	22.10 -3.85 10.07	9.19 -4.26 26.02	20.67 -4.03 11.30	34.00 -4.39 1.48	40.11 -4.32 -1.64	45.64 -4.80 -0.99	45.09 -4.68 0.00	38.26 -3.01 0.00	36.12 -2.26 0.00	33.56 -1.88 0.00
ORANGEVILLE___ESR 323794	27.72 -2.53 -1.83	24.56 -2.15 -2.27	24.59 -2.33 -1.88	24.14 -2.25 -1.91	23.71 -1.91 -2.27	31.78 -2.93 -0.26	41.06 -4.23 -0.31	40.28 -4.32 -0.03	26.91 -5.34 20.64	24.35 -5.34 21.62	32.05 -5.05 11.43	36.02 -4.92 5.96	15.95 -4.72 23.03	16.18 -4.52 21.56	22.10 -3.85 10.07	9.19 -4.26 26.02	20.67 -4.03 11.30	34.00 -4.39 1.48	40.11 -4.32 -1.64	45.64 -4.80 -0.99	45.09 -4.68 0.00	38.26 -3.01 0.00	36.12 -2.26 0.00	33.56 -1.88 0.00
OSWEGATCHIE___HYD 24044	27.70 -0.94 -0.23	23.89 -0.83 -0.28	24.47 -0.80 -0.23	23.96 -0.76 -0.24	22.81 -0.82 -0.28	33.45 -1.03 -0.03	43.62 -1.39 -0.04	43.44 -1.34 -0.21	51.20 -1.69 0.00	49.41 -1.90 0.00	46.68 -1.84 0.00	44.89 -2.02 0.00	41.91 -1.83 -0.05	40.36 -1.90 0.00	34.42 -1.73 -0.12	37.70 -1.82 -0.05	34.62 -1.55 -0.16	38.34 -1.67 -0.14	41.37 -1.63 -0.20	47.59 -1.98 -0.12	47.98 -1.79 0.00	39.83 -1.45 0.00	37.04 -1.34 0.00	34.20 -1.24 0.00
OSWEGO___5 23606	28.68 -0.37 -0.64	24.91 -0.32 -0.79	25.34 -0.35 -0.65	24.81 -0.34 -0.66	23.86 -0.28 -0.79	34.09 -0.45 -0.09	44.41 -0.67 -0.11	44.30 -0.89 -0.62	51.78 -1.11 0.00	50.17 -1.13 0.00	47.50 -1.02 0.00	45.87 -1.03 0.00	42.89 -0.96 -0.16	41.37 -0.89 0.00	35.63 -0.76 -0.37	38.82 -0.79 -0.13	35.73 -0.72 -0.45	39.48 -0.80 -0.40	42.54 -0.81 -0.57	48.85 -0.94 -0.34	48.77 -0.99 0.00	40.53 -0.74 0.00	37.77 -0.62 0.00	34.91 -0.53 0.00

OSWEGO___6 23613	28.68 -0.37 -0.64	24.91 -0.32 -0.79	25.34 -0.35 -0.65	24.81 -0.34 -0.66	23.86 -0.28 -0.79	34.09 -0.45 -0.09	44.41 -0.67 -0.11	44.30 -0.89 -0.62	51.78 -1.11 0.00	50.17 -1.13 0.00	47.50 -1.02 0.00	45.87 -1.03 0.00	42.89 -0.96 -0.16	41.37 -0.89 0.00	35.63 -0.76 -0.37	38.82 -0.79 -0.13	35.73 -0.72 -0.45	39.48 -0.80 -0.40	42.54 -0.81 -0.57	48.85 -0.94 -0.34	48.77 -0.99 0.00	40.53 -0.74 0.00	37.77 -0.62 0.00	34.91 -0.53 0.00
OUTOKUMPU-AB___DRP 24206	27.93 -1.90 -1.43	24.62 -1.59 -1.77	24.70 -1.80 -1.47	24.16 -1.81 -1.49	23.67 -1.45 -1.77	32.20 -2.45 -0.20	41.18 -4.05 -0.25	40.84 -4.19 -0.46	42.89 -5.24 4.76	41.08 -5.23 4.99	41.18 -4.71 2.63	41.08 -4.46 1.37	34.12 -4.37 5.20	33.40 -3.89 4.97	30.62 -3.35 2.06	29.74 -3.83 5.91	30.22 -3.56 2.22	35.90 -3.95 0.03	40.17 -3.89 -1.28	45.72 -4.50 -0.77	45.09 -4.68 0.00	38.43 -2.85 0.00	36.27 -2.11 0.00	33.60 -1.84 0.00
OXBOW___BTM 323836	27.81 -2.02 -1.42	24.50 -1.69 -1.75	24.59 -1.90 -1.45	24.08 -1.89 -1.47	23.59 -1.52 -1.75	32.06 -2.58 -0.20	40.95 -4.27 -0.24	40.53 -4.50 -0.46	42.33 -5.76 4.79	40.58 -5.70 5.02	40.78 -5.09 2.65	40.74 -4.78 1.38	33.65 -4.81 5.24	32.94 -4.31 5.01	30.35 -3.60 2.07	29.46 -4.06 5.95	29.95 -3.82 2.24	35.62 -4.23 0.03	39.86 -4.19 -1.27	45.31 -4.90 -0.76	44.74 -5.02 0.00	38.14 -3.14 0.00	35.89 -2.49 0.00	33.17 -2.27 0.00
OXBOW____ 24026	27.81 -2.02 -1.42	24.50 -1.69 -1.75	24.59 -1.90 -1.45	24.08 -1.89 -1.47	23.59 -1.52 -1.75	32.06 -2.58 -0.20	40.90 -4.32 -0.24	40.53 -4.50 -0.46	42.39 -5.71 4.79	40.59 -5.69 5.02	40.77 -5.09 2.65	40.70 -4.83 1.38	33.69 -4.76 5.24	33.03 -4.23 5.01	30.35 -3.60 2.07	29.42 -4.11 5.95	29.95 -3.82 2.24	35.58 -4.27 0.03	39.86 -4.19 -1.27	45.31 -4.90 -0.76	44.69 -5.08 0.00	38.01 -3.26 0.00	35.89 -2.49 0.00	33.21 -2.23 0.00
OXY_CHEM_DSASP 323612	27.74 -2.07 -1.41	24.44 -1.74 -1.74	24.55 -1.93 -1.44	24.04 -1.91 -1.46	23.52 -1.56 -1.74	31.99 -2.65 -0.20	40.68 -4.54 -0.24	40.30 -4.72 -0.46	41.98 -6.08 4.83	40.19 -6.05 5.06	40.42 -5.43 2.67	40.40 -5.11 1.39	33.35 -5.07 5.28	32.70 -4.52 5.04	30.12 -3.82 2.09	29.18 -4.30 5.99	29.71 -4.03 2.26	35.37 -4.47 0.03	39.60 -4.45 -1.26	45.06 -5.14 -0.76	44.34 -5.42 0.00	37.68 -3.59 0.00	35.54 -2.84 0.00	32.92 -2.52 0.00
OZONE_PARK_ESR 323760	40.05 2.05 -9.59	38.02 1.71 -11.87	36.61 1.73 -9.84	36.15 1.69 -9.97	36.84 1.61 -11.87	38.07 2.27 -1.35	50.22 3.60 -1.65	58.11 4.15 -9.39	57.86 4.97 0.00	56.23 4.93 0.00	53.18 4.66 0.00	51.60 4.69 0.00	50.57 4.50 -2.37	46.72 4.39 -0.07	45.39 3.82 -5.55	45.58 4.07 -2.04	46.44 3.67 -6.77	50.01 4.07 -6.07	55.69 4.32 -8.58	59.71 5.09 -5.17	54.84 5.08 0.00	45.28 4.00 0.00	41.61 3.22 0.00	38.03 2.59 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	27.74 -2.07 -1.41	24.44 -1.74 -1.74	24.55 -1.93 -1.44	24.04 -1.91 -1.46	23.52 -1.56 -1.74	31.99 -2.65 -0.20	40.68 -4.54 -0.24	40.30 -4.72 -0.46	41.98 -6.08 4.83	40.19 -6.05 5.06	40.42 -5.43 2.67	40.40 -5.11 1.39	33.35 -5.07 5.28	32.70 -4.52 5.04	30.12 -3.82 2.09	29.18 -4.30 5.99	29.71 -4.03 2.26	35.37 -4.47 0.03	39.60 -4.45 -1.26	45.06 -5.14 -0.76	44.34 -5.42 0.00	37.68 -3.59 0.00	35.54 -2.84 0.00	32.92 -2.52 0.00
PACKARD___115KV_DUPONT_184 80571	27.74 -2.07 -1.41	24.44 -1.74 -1.74	24.55 -1.93 -1.44	24.04 -1.91 -1.46	23.52 -1.56 -1.74	31.99 -2.65 -0.20	40.68 -4.54 -0.24	40.30 -4.72 -0.46	41.98 -6.08 4.83	40.19 -6.05 5.06	40.42 -5.43 2.67	40.40 -5.11 1.39	33.35 -5.07 5.28	32.70 -4.52 5.04	30.12 -3.82 2.09	29.18 -4.30 5.99	29.71 -4.03 2.26	35.37 -4.47 0.03	39.60 -4.45 -1.26	45.06 -5.14 -0.76	44.34 -5.42 0.00	37.68 -3.59 0.00	35.54 -2.84 0.00	32.92 -2.52 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	39.99 1.99 -9.59	37.92 1.61 -11.87	36.53 1.65 -9.84	36.03 1.57 -9.97	36.72 1.49 -11.88	37.80 2.00 -1.35	49.82 3.19 -1.65	57.71 3.74 -9.39	57.44 4.55 0.00	55.86 4.57 0.01	52.83 4.32 0.01	51.26 4.36 0.01	50.26 4.19 -2.37	46.37 4.06 -0.06	45.13 3.57 -5.54	45.30 3.79 -2.04	46.18 3.42 -6.76	49.68 3.75 -6.06	55.31 3.94 -8.58	59.16 4.55 -5.17	54.35 4.58 0.00	44.86 3.59 0.00	41.30 2.92 0.00	37.81 2.37 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	40.13 2.13 -9.59	38.06 1.76 -11.87	36.68 1.80 -9.84	36.17 1.71 -9.97	36.84 1.61 -11.88	37.97 2.17 -1.35	50.04 3.42 -1.65	57.88 3.92 -9.39	57.65 4.76 0.00	56.02 4.72 0.01	52.93 4.42 0.01	51.40 4.50 0.01	50.35 4.28 -2.37	46.50 4.18 -0.06	45.20 3.64 -5.54	45.34 3.83 -2.04	46.33 3.56 -6.76	49.76 3.83 -6.06	55.48 4.11 -8.58	59.36 4.75 -5.17	54.49 4.73 0.00	45.03 3.76 0.00	41.46 3.07 0.00	37.99 2.55 0.00
PATROON___115KV_TB1 80586	41.21 0.91 -11.89	39.96 0.81 -14.71	38.07 0.83 -12.20	37.66 0.81 -12.36	38.87 0.79 -14.72	37.29 1.17 -1.67	48.51 1.48 -2.04	58.04 1.83 -11.64	55.11 2.22 0.00	53.51 2.21 0.00	50.61 2.09 0.00	48.97 2.06 0.00	48.51 1.88 -2.94	44.20 1.86 -0.08	44.45 1.55 -6.88	43.62 1.62 -2.52	45.90 1.51 -8.39	49.03 1.63 -7.52	55.18 1.75 -10.64	57.83 1.98 -6.41	51.81 2.04 0.00	42.88 1.61 0.00	39.61 1.23 0.00	36.68 1.24 0.00
PATTRSNVILLE___SOLAR 323815	42.46 1.39 -12.66	41.27 1.17 -15.66	39.23 1.20 -12.99	38.82 1.18 -13.16	40.17 1.14 -15.67	37.95 1.72 -1.78	49.54 2.38 -2.17	59.50 2.54 -12.39	55.90 3.01 0.00	54.12 2.82 0.00	51.04 2.52 0.00	49.25 2.34 0.00	49.01 2.18 -3.13	44.50 2.15 -0.09	45.11 1.76 -7.32	44.05 1.89 -2.69	46.81 1.87 -8.93	50.11 2.23 -8.01	56.64 2.52 -11.33	59.18 2.92 -6.82	52.75 2.99 0.00	43.67 2.39 0.00	40.34 1.96 0.00	37.07 1.63 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	27.47 -2.50 -1.56	24.27 -2.10 -1.93	24.34 -2.30 -1.60	23.79 -2.33 -1.62	23.35 -1.94 -1.93	31.53 -3.13 -0.22	40.70 -4.54 -0.27	40.27 -4.77 -0.47	43.21 -5.39 4.29	41.68 -5.13 4.49	41.35 -4.80 2.37	41.03 -4.64 1.23	34.78 -4.24 4.67	33.68 -4.10 4.48	30.60 -3.60 1.82	30.26 -3.91 5.31	30.49 -3.56 1.95	35.78 -4.11 -0.02	39.87 -4.32 -1.40	45.34 -4.94 -0.84	44.79 -4.98 0.00	38.76 -2.52 0.00	36.47 -1.92 0.00	33.91 -1.52 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	39.87 1.82 -9.64	37.95 1.59 -11.92	36.50 1.58 -9.89	36.02 1.52 -10.02	36.77 1.49 -11.93	37.91 2.10 -1.36	49.87 3.24 -1.65	57.61 3.61 -9.43	57.28 4.39 0.00	55.66 4.36 0.00	52.69 4.17 0.00	51.08 4.17 0.00	50.01 3.93 -2.38	46.17 3.85 -0.07	44.88 3.28 -5.57	44.99 3.47 -2.04	45.90 3.10 -6.80	49.36 3.39 -6.10	55.17 3.77 -8.62	59.09 4.45 -5.19	54.10 4.33 0.00	44.74 3.47 0.00	41.11 2.73 0.00	37.71 2.27 0.00
PEEKSKILL____ 23653	39.31 1.53 -9.37	37.35 1.32 -11.59	35.95 1.30 -9.61	35.50 1.27 -9.74	36.18 1.24 -11.60	37.49 1.72 -1.32	49.33 2.74 -1.61	56.91 3.16 -9.17	56.70 3.81 0.00	55.05 3.74 0.00	52.06 3.54 0.00	50.52 3.61 0.00	49.46 3.45 -2.32	45.70 3.38 -0.06	44.36 2.92 -5.42	44.54 3.08 -1.99	45.38 2.77 -6.61	48.83 3.03 -5.93	54.46 3.30 -8.38	58.45 3.96 -5.05	53.60 3.83 0.00	44.29 3.01 0.00	40.77 2.38 0.00	37.35 1.91 0.00

PGE MADISON___WINDPWR 24146	32.65 1.36 -2.88	29.17 1.17 -3.56	29.20 1.20 -2.95	28.66 1.18 -2.99	28.01 1.10 -3.56	36.64 1.79 -0.41	47.95 2.47 -0.49	51.61 2.67 -4.37	61.27 3.33 -5.04	59.25 2.67 -5.28	53.68 2.38 -2.78	50.22 1.88 -1.44	52.05 1.62 -6.74	49.07 1.52 -5.30	42.08 1.01 -5.05	47.85 1.07 -7.31	43.08 1.33 -5.74	44.56 1.55 -3.13	47.59 2.22 -2.58	53.27 2.28 -1.55	52.20 2.44 0.00	43.54 2.27 0.00	40.57 2.19 0.00	37.35 1.91 0.00
PIERCEFIELD___HYD 23852	27.39 -1.02 0.00	23.53 -0.90 0.00	24.21 -0.83 0.00	23.70 -0.78 0.00	22.46 -0.89 0.00	33.28 -1.17 0.00	43.40 -1.57 0.00	43.10 -1.47 0.00	51.09 -1.80 0.00	49.41 -1.90 0.00	46.68 -1.84 0.00	44.98 -1.92 0.00	41.99 -1.70 0.00	40.44 -1.82 0.00	34.44 -1.59 0.00	37.82 -1.66 0.00	34.49 -1.51 0.00	38.24 -1.63 0.00	41.03 -1.75 0.00	47.37 -2.08 0.00	47.93 -1.84 0.00	39.71 -1.57 0.00	37.00 -1.38 0.00	34.27 -1.17 0.00
PINELAWN_CC_1 323563	40.29 2.27 -9.61	38.27 1.96 -11.88	36.74 1.85 -9.84	36.15 1.69 -9.97	37.05 1.82 -11.88	38.38 2.58 -1.35	50.77 4.14 -1.66	58.25 4.28 -9.40	57.87 4.97 -0.01	56.09 4.77 -0.01	52.90 4.37 -0.01	51.32 4.41 -0.01	50.36 4.28 -2.38	51.22 4.18 -4.78	45.15 3.57 -5.56	45.75 4.03 -2.25	46.35 3.57 -6.78	49.90 3.95 -6.08	55.75 4.37 -8.59	59.81 5.19 -5.18	54.90 5.13 -0.01	45.54 4.25 -0.01	42.00 3.61 -0.01	38.53 3.08 -0.01
PJM_GEN_HTP_PROXY 323702	39.82 1.82 -9.59	37.84 1.54 -11.87	36.43 1.55 -9.84	35.98 1.52 -9.97	36.67 1.45 -11.87	37.83 2.03 -1.35	49.91 3.28 -1.65	57.99 3.79 -9.63	57.20 4.55 0.24	55.82 4.52 0.00	52.79 4.27 0.00	51.22 4.31 0.00	50.22 4.15 -2.37	46.38 4.06 -0.07	45.10 3.53 -5.55	45.26 3.75 -2.04	46.15 3.38 -6.76	49.65 3.71 -6.07	55.35 3.98 -8.58	59.26 4.65 -5.17	54.40 4.63 0.00	44.91 3.63 0.00	41.26 2.88 0.00	37.74 2.30 0.00
PJM_GEN_KEystone 24065	34.03 -0.20 -5.82	31.49 -0.15 -7.20	30.79 -0.23 -5.97	30.29 -0.24 -6.05	30.44 -0.12 -7.21	34.96 -0.31 -0.82	45.67 -0.31 -1.00	49.66 -0.27 -5.35	50.91 -0.37 1.62	49.56 -0.31 1.44	47.52 -0.24 0.76	46.37 -0.14 0.39	43.32 -0.13 0.25	40.81 -0.04 1.40	38.37 0.00 -2.35	38.76 -0.08 0.63	38.86 -0.04 -2.89	43.04 -0.04 -3.21	48.04 0.04 -5.21	52.73 0.15 -3.14	49.97 0.20 0.00	41.69 0.41 0.00	38.65 0.27 0.00	35.62 0.18 0.00
PJM_GEN_NEPTUNE_PROXY 323594	40.00 1.99 -9.60	38.03 1.71 -11.88	36.51 1.63 -9.84	35.98 1.52 -9.97	36.84 1.61 -11.88	38.07 2.27 -1.35	50.19 3.55 -1.66	58.00 3.79 -9.64	57.10 4.44 0.24	55.62 4.31 -0.01	52.51 3.98 -0.01	50.90 3.98 -0.01	49.96 3.89 -2.38	50.06 3.76 -4.04	44.89 3.31 -5.56	45.28 3.59 -2.21	46.02 3.24 -6.77	49.54 3.59 -6.08	55.23 3.85 -8.59	59.12 4.50 -5.18	54.35 4.58 -0.01	45.00 3.72 -0.01	41.50 3.11 -0.01	38.11 2.66 -0.01
PJM_GEN_VFT_PROXY 323633	39.74 1.73 -9.59	37.75 1.44 -11.87	36.33 1.45 -9.84	35.88 1.42 -9.97	36.58 1.35 -11.87	37.69 1.89 -1.35	49.73 3.10 -1.65	57.81 3.61 -9.63	56.99 4.34 0.24	55.56 4.26 0.00	52.59 4.08 0.00	51.03 4.13 0.00	50.04 3.98 -2.37	46.21 3.89 -0.07	45.00 3.42 -5.55	45.10 3.59 -2.04	46.01 3.24 -6.77	49.53 3.59 -6.07	55.18 3.81 -8.58	59.07 4.45 -5.17	54.19 4.43 0.00	44.74 3.47 0.00	41.11 2.73 0.00	37.60 2.16 0.00
PLATSBURG_115KV_PMLD1 355749	27.53 -0.88 0.00	23.68 -0.76 0.00	24.49 -0.55 0.00	24.00 -0.49 0.00	22.67 -0.68 0.00	33.62 -0.83 0.00	43.58 -1.39 0.00	43.14 -1.43 0.00	51.09 -1.80 0.00	49.87 -1.44 0.00	47.11 -1.41 0.00	45.54 -1.36 0.00	42.47 -1.22 0.00	41.03 -1.23 0.00	35.12 -0.90 0.00	38.61 -0.87 0.00	35.18 -0.83 0.00	38.80 -1.08 0.00	41.46 -1.33 0.00	47.86 -1.58 0.00	48.42 -1.34 0.00	40.12 -1.16 0.00	37.50 -0.88 0.00	34.77 -0.67 0.00
PLEASANTVLY___LBMP 24000	39.87 1.51 -9.95	38.04 1.30 -12.31	36.55 1.30 -10.21	36.08 1.25 -10.34	36.88 1.21 -12.32	37.57 1.72 -1.40	49.34 2.65 -1.71	57.34 3.03 -9.74	56.54 3.65 0.00	54.89 3.59 0.00	51.92 3.40 0.00	50.33 3.42 0.00	49.43 3.28 -2.46	45.54 3.21 -0.07	44.55 2.77 -5.75	44.55 2.96 -2.11	45.65 2.63 -7.02	49.04 2.87 -6.29	54.81 3.12 -8.90	58.46 3.66 -5.36	53.35 3.58 0.00	44.12 2.85 0.00	40.65 2.26 0.00	37.28 1.84 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	39.76 1.70 -9.65	37.84 1.47 -11.93	36.41 1.48 -9.90	35.93 1.42 -10.03	36.67 1.38 -11.94	37.74 1.93 -1.36	49.74 3.10 -1.66	57.53 3.52 -9.44	57.12 4.23 0.00	55.51 4.21 0.00	52.50 3.98 0.00	50.89 3.99 0.00	49.92 3.85 -2.38	46.04 3.72 -0.07	44.84 3.24 -5.58	44.96 3.43 -2.05	45.90 3.10 -6.80	49.36 3.39 -6.10	55.10 3.68 -8.63	58.94 4.30 -5.20	54.00 4.23 0.00	44.66 3.38 0.00	41.07 2.69 0.00	37.60 2.16 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	39.76 1.70 -9.65	37.84 1.47 -11.93	36.41 1.48 -9.90	35.93 1.42 -10.03	36.67 1.38 -11.94	37.74 1.93 -1.36	49.74 3.10 -1.66	57.53 3.52 -9.44	57.12 4.23 0.00	55.51 4.21 0.00	52.50 3.98 0.00	50.89 3.99 0.00	49.92 3.85 -2.38	46.04 3.72 -0.07	44.84 3.24 -5.58	44.96 3.43 -2.05	45.90 3.10 -6.80	49.36 3.39 -6.10	55.10 3.68 -8.63	58.94 4.30 -5.20	54.00 4.23 0.00	44.66 3.38 0.00	41.07 2.69 0.00	37.60 2.16 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	39.74 1.56 -9.77	37.86 1.34 -12.08	36.41 1.35 -10.02	35.94 1.30 -10.15	36.70 1.26 -12.09	37.58 1.76 -1.38	49.40 2.74 -1.68	57.20 3.08 -9.56	56.59 3.70 0.00	55.00 3.69 0.00	52.01 3.49 0.00	50.38 3.47 0.00	49.47 3.36 -2.41	45.62 3.30 -0.07	44.45 2.77 -5.65	44.51 2.96 -2.07	45.56 2.66 -6.89	49.00 2.95 -6.18	54.73 3.21 -8.73	58.56 3.86 -5.26	53.50 3.73 0.00	44.25 2.97 0.00	40.76 2.38 0.00	37.39 1.95 0.00
POLETTI___ 23519	39.88 1.88 -9.59	37.87 1.56 -11.87	36.46 1.58 -9.84	35.98 1.52 -9.97	36.70 1.47 -11.87	37.83 2.03 -1.35	49.91 3.28 -1.65	57.75 3.79 -9.39	57.44 4.55 0.00	55.82 4.51 0.00	52.79 4.27 0.00	51.22 4.32 0.00	50.22 4.15 -2.37	46.38 4.06 -0.07	45.10 3.53 -5.55	45.26 3.75 -2.04	46.15 3.38 -6.77	49.65 3.71 -6.07	55.35 3.98 -8.58	59.26 4.65 -5.17	54.35 4.58 0.00	44.91 3.63 0.00	41.26 2.88 0.00	37.74 2.30 0.00
POMONA___ESR 323819	39.10 1.50 -9.19	37.10 1.29 -11.36	35.77 1.30 -9.42	35.28 1.25 -9.55	35.93 1.21 -11.37	37.46 1.72 -1.29	49.30 2.74 -1.58	56.68 3.12 -8.99	56.70 3.81 0.00	55.10 3.80 0.00	52.06 3.54 0.00	50.47 3.56 0.00	49.46 3.50 -2.27	45.70 3.38 -0.06	44.25 2.92 -5.31	44.50 3.08 -1.95	45.26 2.77 -6.48	48.71 3.03 -5.81	54.30 3.30 -8.22	58.30 3.91 -4.95	53.60 3.83 0.00	44.29 3.01 0.00	40.77 2.38 0.00	37.39 1.95 0.00
PORT_JEFF_3 23555	40.15 2.13 -9.60	38.12 1.81 -11.88	36.56 1.68 -9.84	35.98 1.52 -9.97	36.95 1.73 -11.88	38.17 2.38 -1.35	50.77 4.14 -1.66	57.94 3.97 -9.40	57.45 4.55 -0.01	55.62 4.31 -0.01	52.36 3.83 -0.01	50.95 4.03 -0.01	50.09 4.02 -2.38	50.47 3.89 -4.33	44.83 3.24 -5.56	45.69 3.99 -2.23	46.16 3.38 -6.78	49.70 3.75 -6.08	55.70 4.32 -8.59	59.81 5.19 -5.18	54.60 4.83 -0.01	45.37 4.09 -0.01	42.12 3.72 -0.01	38.53 3.08 -0.01

PORT_JEFF_4 23616	40.15 2.13 -9.60	38.12 1.81 -11.88	36.56 1.68 -9.84	35.98 1.52 -9.97	36.95 1.73 -11.88	38.17 2.38 -1.35	50.77 4.14 -1.66	57.94 3.97 -9.40	57.45 4.55 -0.01	55.62 4.31 -0.01	52.36 3.83 -0.01	50.95 4.03 -0.01	50.09 4.02 -2.38	50.47 3.89 -4.33	44.83 3.24 -5.56	45.69 3.99 -2.23	46.16 3.38 -6.78	49.70 3.75 -6.08	55.70 4.32 -8.59	59.81 5.19 -5.18	54.60 4.83 -0.01	45.37 4.09 -0.01	42.12 3.72 -0.01	38.53 3.08 -0.01
PORT_JEFF_IC 23713	40.14 2.13 -9.60	38.15 1.83 -11.88	36.59 1.70 -9.84	36.00 1.54 -9.97	36.98 1.75 -11.88	38.18 2.38 -1.35	50.82 4.18 -1.66	57.98 4.01 -9.40	57.50 4.60 -0.01	55.62 4.31 -0.01	52.46 3.93 -0.01	50.99 4.08 -0.01	50.14 4.06 -2.38	50.53 3.93 -4.34	44.86 3.28 -5.56	45.77 4.07 -2.23	46.20 3.42 -6.78	49.74 3.79 -6.08	55.74 4.36 -8.59	59.81 5.19 -5.18	54.70 4.93 -0.01	45.45 4.17 -0.01	42.19 3.80 -0.01	38.57 3.12 -0.01
PPL PILGRIM_ST_GT1 24216	40.51 2.50 -9.60	38.44 2.12 -11.88	36.89 2.00 -9.84	36.30 1.84 -9.97	37.21 1.98 -11.88	38.63 2.83 -1.35	51.18 4.54 -1.66	58.56 4.59 -9.40	58.24 5.34 -0.01	56.44 5.13 -0.01	53.23 4.70 -0.01	51.75 4.83 -0.01	50.79 4.72 -2.38	51.25 4.57 -4.43	45.36 3.78 -5.56	46.05 4.34 -2.23	46.60 3.81 -6.78	50.14 4.19 -6.08	56.09 4.71 -8.59	60.21 5.59 -5.18	55.20 5.43 -0.01	45.90 4.62 -0.01	42.39 3.99 -0.01	38.82 3.37 -0.01
PPL PILGRIM_ST_GT2 24217	40.51 2.50 -9.60	38.44 2.12 -11.88	36.89 2.00 -9.84	36.30 1.84 -9.97	37.21 1.98 -11.88	38.63 2.83 -1.35	51.18 4.54 -1.66	58.56 4.59 -9.40	58.24 5.34 -0.01	56.44 5.13 -0.01	53.23 4.70 -0.01	51.75 4.83 -0.01	50.79 4.72 -2.38	51.25 4.57 -4.43	45.36 3.78 -5.56	46.05 4.34 -2.23	46.60 3.81 -6.78	50.14 4.19 -6.08	56.09 4.71 -8.59	60.21 5.59 -5.18	55.20 5.43 -0.01	45.90 4.62 -0.01	42.39 3.99 -0.01	38.82 3.37 -0.01
PPL_SHRM_GT3 24213	39.78 1.76 -9.60	37.81 1.49 -11.88	36.23 1.35 -9.84	35.66 1.20 -9.97	36.77 1.54 -11.88	37.73 1.93 -1.35	50.64 4.00 -1.66	57.40 3.43 -9.40	56.55 3.65 -0.01	54.49 3.18 -0.01	51.24 2.72 -0.01	49.87 2.96 -0.01	49.31 3.23 -2.38	49.72 3.13 -4.33	44.14 2.56 -5.56	45.49 3.79 -2.23	45.66 2.88 -6.78	49.18 3.23 -6.08	55.36 3.98 -8.59	59.61 4.99 -5.18	53.96 4.18 -0.01	44.87 3.59 -0.01	42.12 3.72 -0.01	38.39 2.94 -0.01
PPL_SHRM_GT4 24214	39.78 1.76 -9.60	37.81 1.49 -11.88	36.23 1.35 -9.84	35.66 1.20 -9.97	36.77 1.54 -11.88	37.73 1.93 -1.35	50.64 4.00 -1.66	57.40 3.43 -9.40	56.55 3.65 -0.01	54.49 3.18 -0.01	51.24 2.72 -0.01	49.87 2.96 -0.01	49.31 3.23 -2.38	49.72 3.13 -4.33	44.14 2.56 -5.56	45.49 3.79 -2.23	45.66 2.88 -6.78	49.18 3.23 -6.08	55.36 3.98 -8.59	59.61 4.99 -5.18	53.96 4.18 -0.01	44.87 3.59 -0.01	42.12 3.72 -0.01	38.39 2.94 -0.01
PROJECT___ORANGE 1 24174	29.25 0.03 -0.81	25.44 0.00 -1.00	25.85 -0.03 -0.83	25.30 -0.02 -0.84	24.37 0.02 -1.00	34.60 0.03 -0.11	45.07 -0.04 -0.14	45.14 -0.22 -0.79	52.63 -0.26 0.00	51.05 -0.26 0.00	48.32 -0.19 0.00	46.67 -0.23 0.00	43.68 -0.22 -0.20	42.09 -0.17 -0.01	36.35 -0.14 -0.47	39.53 -0.12 -0.17	36.43 -0.14 -0.57	40.18 -0.20 -0.51	43.34 -0.17 -0.72	49.68 -0.20 -0.44	49.47 -0.30 0.00	41.07 -0.21 0.00	38.31 -0.08 0.00	35.37 -0.07 0.00
PROJECT___ORANGE 2 24166	29.25 0.03 -0.81	25.44 0.00 -1.00	25.85 -0.03 -0.83	25.30 -0.02 -0.84	24.37 0.02 -1.00	34.60 0.03 -0.11	45.07 -0.04 -0.14	45.14 -0.22 -0.79	52.63 -0.26 0.00	51.05 -0.26 0.00	48.32 -0.19 0.00	46.67 -0.23 0.00	43.68 -0.22 -0.20	42.09 -0.17 -0.01	36.35 -0.14 -0.47	39.53 -0.12 -0.17	36.43 -0.14 -0.57	40.18 -0.20 -0.51	43.34 -0.17 -0.72	49.68 -0.20 -0.44	49.47 -0.30 0.00	41.07 -0.21 0.00	38.31 -0.08 0.00	35.37 -0.07 0.00
PUCKETT___SOLAR 323809	31.84 0.34 -3.09	28.53 0.27 -3.82	28.46 0.25 -3.17	27.94 0.24 -3.21	27.47 0.30 -3.82	35.33 0.45 -0.43	46.14 0.63 -0.53	48.37 0.76 -3.04	54.50 0.90 -0.71	52.76 0.72 -0.74	49.54 0.63 -0.39	47.58 0.47 -0.21	45.65 0.39 -1.56	43.40 0.38 -0.76	38.42 0.25 -2.14	41.26 0.24 -1.55	38.42 0.25 -2.16	42.04 0.32 -1.85	46.11 0.55 -2.76	51.75 0.64 -1.66	50.51 0.75 0.00	42.02 0.74 0.00	39.11 0.73 0.00	36.08 0.64 0.00
PYRITES___HYD 24023	28.04 -0.37 0.00	24.12 -0.32 0.00	24.81 -0.23 0.00	24.29 -0.20 0.00	23.00 -0.35 0.00	34.14 -0.31 0.00	44.53 -0.45 0.00	44.17 -0.40 0.00	52.36 -0.53 0.00	50.48 -0.82 0.00	47.65 -0.87 0.00	45.87 -1.03 0.00	42.82 -0.87 0.00	41.20 -1.06 0.00	35.09 -0.94 0.00	38.45 -1.03 0.00	35.14 -0.86 0.00	38.99 -0.88 0.00	41.93 -0.86 0.00	48.41 -1.04 0.00	49.02 -0.75 0.00	40.65 -0.62 0.00	37.92 -0.46 0.00	35.08 -0.35 0.00
QUAKERRD_115KV_BK1 80622	28.31 -1.16 -1.06	24.80 -0.95 -1.31	25.08 -1.05 -1.09	24.54 -1.05 -1.10	23.75 -0.91 -1.31	33.19 -1.41 -0.15	43.00 -2.16 -0.18	42.78 -2.32 -0.53	48.05 -2.86 1.99	46.35 -2.87 2.09	44.90 -2.52 1.10	43.80 -2.53 0.57	39.03 -2.58 2.09	37.98 -2.20 2.08	33.38 -1.98 0.66	34.87 -2.21 2.40	33.35 -2.02 0.63	37.90 -2.19 -0.22	41.60 -2.14 -0.95	47.64 -2.37 -0.57	47.28 -2.49 0.00	39.38 -1.90 0.00	36.85 -1.54 0.00	33.95 -1.49 0.00
QUENSBRY_115KV_TB8 356137	42.74 2.13 -12.20	41.34 1.81 -15.09	39.41 1.85 -12.52	39.01 1.84 -12.68	40.27 1.82 -15.10	38.96 2.79 -1.72	50.85 3.78 -2.09	60.52 4.01 -11.94	58.02 5.13 0.00	56.28 4.98 0.00	53.13 4.61 0.00	51.31 4.41 0.00	50.60 3.89 -3.01	46.06 3.72 -0.08	46.10 3.03 -7.05	45.26 3.20 -2.59	47.78 3.17 -8.60	51.14 3.55 -7.72	57.64 3.94 -10.91	60.52 4.50 -6.57	54.35 4.58 0.00	44.95 3.67 0.00	41.38 2.99 0.00	37.92 2.48 0.00
RAMAPO___LBMP 323565	38.93 1.42 -9.10	36.89 1.20 -11.25	35.57 1.20 -9.33	35.12 1.18 -9.45	35.75 1.14 -11.26	37.31 1.58 -1.28	49.06 2.52 -1.56	56.42 2.94 -8.90	56.44 3.54 0.00	54.79 3.49 0.00	51.82 3.30 0.00	50.24 3.33 0.00	49.18 3.23 -2.25	45.49 3.17 -0.06	43.99 2.70 -5.26	44.29 2.88 -1.93	45.01 2.59 -6.41	48.46 2.83 -5.75	54.01 3.08 -8.14	58.00 3.66 -4.90	53.30 3.53 0.00	44.12 2.85 0.00	40.61 2.23 0.00	37.21 1.77 0.00
RANKINE____ 23646	27.82 -2.10 -1.51	24.52 -1.78 -1.87	24.61 -1.98 -1.55	24.08 -1.98 -1.57	23.61 -1.61 -1.87	31.97 -2.69 -0.21	41.15 -4.09 -0.26	40.80 -4.23 -0.46	43.38 -5.08 4.44	41.63 -5.03 4.65	41.51 -4.56 2.45	41.27 -4.36 1.27	34.66 -4.19 4.84	33.82 -3.80 4.63	30.81 -3.31 1.90	30.26 -3.71 5.50	30.55 -3.42 2.04	36.01 -3.87 0.00	40.25 -3.89 -1.35	45.76 -4.50 -0.81	45.14 -4.63 0.00	38.72 -2.56 0.00	36.50 -1.88 0.00	33.88 -1.56 0.00
RAVENSWOOD_GT2_1 24244	39.88 1.88 -9.59	37.87 1.56 -11.87	36.46 1.58 -9.84	35.98 1.52 -9.97	36.70 1.47 -11.88	37.87 2.07 -1.35	49.95 3.33 -1.65	57.75 3.79 -9.39	57.49 4.60 0.00	55.82 4.51 0.00	52.79 4.27 0.00	51.27 4.36 0.00	50.26 4.19 -2.37	46.38 4.06 -0.07	45.10 3.53 -5.55	45.30 3.79 -2.04	46.15 3.38 -6.77	49.69 3.75 -6.07	55.35 3.98 -8.58	59.26 4.65 -5.17	54.39 4.63 0.00	44.95 3.67 0.00	41.30 2.92 0.00	37.78 2.34 0.00

RAVENSWOOD_GT2_2 24245	39.88 1.88 -9.59	37.87 1.56 -11.87	36.46 1.58 -9.84	35.98 1.52 -9.97	36.70 1.47 -11.88	37.87 2.07 -1.35	49.95 3.33 -1.65	57.75 3.79 -9.39	57.49 4.60 0.00	55.82 4.51 0.00	52.79 4.27 0.00	51.27 4.36 0.00	50.26 4.19 -2.37	46.38 4.06 -0.07	45.10 3.53 -5.55	45.30 3.79 -2.04	46.15 3.38 -6.77	49.69 3.75 -6.07	55.35 3.98 -8.58	59.26 4.65 -5.17	54.39 4.63 0.00	44.95 3.67 0.00	41.30 2.92 0.00	37.78 2.34 0.00
RAVENSWOOD_GT2_3 24246	39.88 1.88 -9.59	37.87 1.56 -11.87	36.48 1.60 -9.84	36.00 1.54 -9.97	36.72 1.49 -11.88	37.87 2.07 -1.35	49.95 3.33 -1.65	57.79 3.83 -9.39	57.49 4.60 0.00	55.87 4.57 0.00	52.84 4.32 0.00	51.27 4.36 0.00	50.26 4.19 -2.37	46.42 4.10 -0.07	45.14 3.57 -5.55	45.30 3.79 -2.04	46.19 3.42 -6.77	49.69 3.75 -6.07	55.39 4.02 -8.58	59.31 4.70 -5.17	54.39 4.63 0.00	44.95 3.67 0.00	41.34 2.96 0.00	37.78 2.34 0.00
RAVENSWOOD_GT2_4 24247	39.88 1.88 -9.59	37.87 1.56 -11.87	36.48 1.60 -9.84	36.00 1.54 -9.97	36.72 1.49 -11.88	37.87 2.07 -1.35	49.95 3.33 -1.65	57.79 3.83 -9.39	57.49 4.60 0.00	55.87 4.57 0.00	52.84 4.32 0.00	51.27 4.36 0.00	50.26 4.19 -2.37	46.42 4.10 -0.07	45.14 3.57 -5.55	45.30 3.79 -2.04	46.19 3.42 -6.77	49.69 3.75 -6.07	55.39 4.02 -8.58	59.31 4.70 -5.17	54.39 4.63 0.00	44.95 3.67 0.00	41.34 2.96 0.00	37.78 2.34 0.00
RAVENSWOOD_GT3_1 24248	39.88 1.88 -9.59	37.87 1.56 -11.87	36.46 1.58 -9.84	36.00 1.54 -9.97	36.70 1.47 -11.88	37.87 2.07 -1.35	49.95 3.33 -1.65	57.79 3.83 -9.39	57.49 4.60 0.00	55.87 4.57 0.00	52.84 4.32 0.00	51.27 4.36 0.00	50.26 4.19 -2.37	46.38 4.06 -0.07	45.10 3.53 -5.55	45.30 3.79 -2.04	46.15 3.38 -6.77	49.69 3.75 -6.07	55.35 3.98 -8.58	59.26 4.65 -5.17	54.39 4.63 0.00	44.95 3.67 0.00	41.30 2.92 0.00	37.78 2.34 0.00
RAVENSWOOD_GT3_2 24249	39.88 1.88 -9.59	37.87 1.56 -11.87	36.46 1.58 -9.84	36.00 1.54 -9.97	36.70 1.47 -11.88	37.87 2.07 -1.35	49.95 3.33 -1.65	57.79 3.83 -9.39	57.49 4.60 0.00	55.87 4.57 0.00	52.84 4.32 0.00	51.27 4.36 0.00	50.26 4.19 -2.37	46.38 4.06 -0.07	45.10 3.53 -5.55	45.30 3.79 -2.04	46.15 3.38 -6.77	49.69 3.75 -6.07	55.35 3.98 -8.58	59.26 4.65 -5.17	54.39 4.63 0.00	44.95 3.67 0.00	41.30 2.92 0.00	37.78 2.34 0.00
RAVENSWOOD_GT3_3 24250	39.91 1.90 -9.59	37.89 1.59 -11.87	36.48 1.60 -9.84	36.03 1.57 -9.97	36.72 1.49 -11.88	37.90 2.10 -1.35	50.00 3.37 -1.65	57.84 3.88 -9.39	57.55 4.65 0.00	55.92 4.62 0.00	52.89 4.37 0.00	51.31 4.41 0.00	50.30 4.24 -2.37	46.46 4.14 -0.07	45.17 3.60 -5.55	45.34 3.83 -2.04	46.23 3.46 -6.77	49.73 3.79 -6.07	55.43 4.06 -8.58	59.36 4.75 -5.17	54.44 4.68 0.00	44.99 3.71 0.00	41.38 2.99 0.00	37.81 2.37 0.00
RAVENSWOOD_GT3_4 24251	39.91 1.90 -9.59	37.89 1.59 -11.87	36.48 1.60 -9.84	36.03 1.57 -9.97	36.72 1.49 -11.88	37.90 2.10 -1.35	50.00 3.37 -1.65	57.84 3.88 -9.39	57.55 4.65 0.00	55.92 4.62 0.00	52.89 4.37 0.00	51.31 4.41 0.00	50.30 4.24 -2.37	46.46 4.14 -0.07	45.17 3.60 -5.55	45.34 3.83 -2.04	46.23 3.46 -6.77	49.73 3.79 -6.07	55.43 4.06 -8.58	59.36 4.75 -5.17	54.44 4.68 0.00	44.99 3.71 0.00	41.38 2.99 0.00	37.81 2.37 0.00
RAVENSWOOD_GT_1 23729	42.12 2.02 -11.70	40.28 1.66 -14.18	39.10 1.70 -12.35	36.08 1.62 -9.97	36.79 1.56 -11.88	37.97 2.17 -1.35	50.09 3.46 -1.65	57.93 3.97 -9.39	57.70 4.81 0.00	56.13 4.82 -0.01	53.09 4.56 -0.01	51.51 4.60 -0.01	50.48 4.41 -2.37	46.60 4.27 -0.07	45.33 3.75 -5.56	45.50 3.99 -2.04	46.34 3.56 -6.77	49.88 3.95 -6.06	55.52 4.15 -8.58	58.23 4.85 -3.94	53.46 4.83 1.13	45.11 3.84 0.00	41.46 3.07 0.00	37.92 2.48 0.00
RAVENSWOOD_GT_10 24258	39.88 1.88 -9.59	37.87 1.56 -11.87	36.46 1.58 -9.84	35.98 1.52 -9.97	36.70 1.47 -11.88	37.87 2.07 -1.35	49.95 3.33 -1.65	57.75 3.79 -9.39	57.49 4.60 0.00	55.82 4.51 0.00	52.79 4.27 0.00	51.27 4.36 0.00	50.22 4.15 -2.37	46.38 4.06 -0.07	45.10 3.53 -5.55	45.30 3.79 -2.04	46.16 3.38 -6.77	49.80 3.75 -6.18	55.35 3.98 -8.58	59.26 4.65 -5.17	54.35 4.58 0.00	44.95 3.67 0.00	41.30 2.92 0.00	37.78 2.34 0.00
RAVENSWOOD_GT_11 24259	39.88 1.88 -9.59	37.87 1.56 -11.87	36.46 1.58 -9.84	35.98 1.52 -9.97	36.70 1.47 -11.88	37.87 2.07 -1.35	49.95 3.33 -1.65	57.75 3.79 -9.39	57.49 4.60 0.00	55.82 4.51 0.00	52.79 4.27 0.00	51.27 4.36 0.00	50.22 4.15 -2.37	46.38 4.06 -0.07	45.10 3.53 -5.55	45.30 3.79 -2.04	46.16 3.38 -6.77	49.80 3.75 -6.18	55.35 3.98 -8.58	59.26 4.65 -5.17	54.35 4.58 0.00	44.95 3.67 0.00	41.30 2.92 0.00	37.78 2.34 0.00
RAVENSWOOD_GT_4 24252	41.45 1.85 -11.20	39.63 1.56 -13.63	38.35 1.55 -11.75	35.98 1.52 -9.97	36.70 1.47 -11.88	37.83 2.03 -1.35	49.91 3.28 -1.65	57.75 3.79 -9.39	57.44 4.55 0.00	55.77 4.46 -0.01	52.75 4.22 -0.01	51.23 4.32 -0.01	50.17 4.11 -2.37	46.34 4.01 -0.07	45.07 3.49 -5.55	45.26 3.75 -2.04	46.13 3.35 -6.77	51.11 3.71 -7.53	55.31 3.94 -8.58	60.16 4.60 -6.12	55.22 4.58 -0.87	44.91 3.63 0.00	41.26 2.88 0.00	37.74 2.30 0.00
RAVENSWOOD_GT_5 24254	41.45 1.85 -11.20	39.63 1.56 -13.63	38.35 1.55 -11.75	35.98 1.52 -9.97	36.70 1.47 -11.88	37.83 2.03 -1.35	49.91 3.28 -1.65	57.75 3.79 -9.39	57.44 4.55 0.00	55.77 4.46 -0.01	52.75 4.22 -0.01	51.23 4.32 -0.01	50.17 4.11 -2.37	46.34 4.01 -0.07	45.07 3.49 -5.55	45.26 3.75 -2.04	46.13 3.35 -6.77	51.11 3.71 -7.53	55.31 3.94 -8.58	60.16 4.60 -6.12	55.22 4.58 -0.87	44.91 3.63 0.00	41.26 2.88 0.00	37.74 2.30 0.00
RAVENSWOOD_GT_6 24253	41.45 1.85 -11.20	39.63 1.56 -13.63	38.35 1.55 -11.75	35.98 1.52 -9.97	36.70 1.47 -11.88	37.83 2.03 -1.35	49.91 3.28 -1.65	57.75 3.79 -9.39	57.44 4.55 0.00	55.77 4.46 -0.01	52.75 4.22 -0.01	51.23 4.32 -0.01	50.17 4.11 -2.37	46.34 4.01 -0.07	45.07 3.49 -5.55	45.26 3.75 -2.04	46.13 3.35 -6.77	51.11 3.71 -7.53	55.31 3.94 -8.58	60.16 4.60 -6.12	55.22 4.58 -0.87	44.91 3.63 0.00	41.26 2.88 0.00	37.74 2.30 0.00
RAVENSWOOD_GT_7 24255	41.45 1.85 -11.20	39.63 1.56 -13.63	38.35 1.55 -11.75	35.98 1.52 -9.97	36.70 1.47 -11.88	37.83 2.03 -1.35	49.91 3.28 -1.65	57.75 3.79 -9.39	57.44 4.55 0.00	55.77 4.46 -0.01	52.75 4.22 -0.01	51.23 4.32 -0.01	50.17 4.11 -2.37	46.34 4.01 -0.07	45.07 3.49 -5.55	45.26 3.75 -2.04	46.13 3.35 -6.77	51.11 3.71 -7.53	55.31 3.94 -8.58	60.16 4.60 -6.12	55.22 4.58 -0.87	44.91 3.63 0.00	41.26 2.88 0.00	37.74 2.30 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	39.88 1.88 -9.59	37.87 1.56 -11.87	36.46 1.58 -9.84	35.98 1.52 -9.97	36.70 1.47 -11.88	37.87 2.07 -1.35	49.95 3.33 -1.65	57.75 3.79 -9.39	57.49 4.60 0.00	55.82 4.51 0.00	52.79 4.27 0.00	51.27 4.36 0.00	50.22 4.15 -2.37	46.38 4.06 -0.07	45.10 3.53 -5.55	45.30 3.79 -2.04	46.16 3.38 -6.77	49.80 3.75 -6.18	55.35 3.98 -8.58	59.26 4.65 -5.17	54.35 4.58 0.00	44.95 3.67 0.00	41.30 2.92 0.00	37.78 2.34 0.00

RAVENSWOOD_GT_9 24257	39.88 1.88 -9.59	37.87 1.56 -11.87	36.46 1.58 -9.84	35.98 1.52 -9.97	36.70 1.47 -11.88	37.87 2.07 -1.35	49.95 3.33 -1.65	57.75 3.79 -9.39	57.49 4.60 0.00	55.82 4.51 0.00	52.79 4.27 0.00	51.27 4.36 0.00	50.22 4.15 -2.37	46.38 4.06 -0.07	45.10 3.53 -5.55	45.30 3.79 -2.04	46.16 3.38 -6.77	49.80 3.75 -6.18	55.35 3.98 -8.58	59.26 4.65 -5.17	54.35 4.58 0.00	44.95 3.67 0.00	41.30 2.92 0.00	37.78 2.34 0.00
RAVENSWOOD___1 23533	40.02 2.02 -9.59	37.97 1.66 -11.87	36.59 1.70 -9.84	36.08 1.62 -9.97	36.79 1.56 -11.88	37.97 2.17 -1.35	50.09 3.46 -1.65	57.88 3.92 -9.39	57.70 4.81 0.00	56.13 4.82 -0.01	53.09 4.56 -0.01	51.51 4.60 -0.01	50.48 4.41 -2.37	46.64 4.31 -0.07	45.33 3.75 -5.56	45.46 3.95 -2.04	46.34 3.57 -6.77	50.83 3.95 -7.01	55.57 4.20 -8.58	59.46 4.85 -5.17	54.59 4.83 0.00	45.07 3.79 0.00	41.46 3.07 0.00	37.92 2.48 0.00
RAVENSWOOD___2 23534	39.99 1.99 -9.59	37.94 1.64 -11.87	36.59 1.70 -9.84	36.08 1.62 -9.97	36.79 1.56 -11.88	37.97 2.17 -1.35	50.09 3.46 -1.65	57.88 3.92 -9.39	57.70 4.81 0.00	56.13 4.82 -0.01	53.09 4.56 -0.01	51.51 4.60 -0.01	50.48 4.41 -2.37	46.64 4.31 -0.07	45.33 3.75 -5.56	45.46 3.95 -2.04	46.34 3.57 -6.77	50.83 3.95 -7.01	55.57 4.20 -8.58	59.46 4.85 -5.17	54.59 4.83 0.00	45.07 3.79 0.00	41.46 3.07 0.00	37.92 2.48 0.00
RAVENSWOOD___3 23535	39.88 1.87 -9.59	37.87 1.57 -11.87	36.46 1.58 -9.84	36.00 1.54 -9.97	36.70 1.47 -11.88	37.87 2.07 -1.35	49.95 3.33 -1.65	57.75 3.79 -9.39	57.49 4.60 0.00	55.87 4.56 0.00	52.84 4.32 0.00	51.27 4.36 0.00	50.26 4.20 -2.37	46.42 4.10 -0.07	45.14 3.57 -5.55	45.26 3.75 -2.04	46.15 3.38 -6.77	49.69 3.75 -6.07	55.39 4.02 -8.58	59.31 4.70 -5.17	54.40 4.63 0.00	44.91 3.63 0.00	41.30 2.92 0.00	37.78 2.34 0.00
RAVENSWOOD___4 23820	37.92 1.99 -7.52	35.67 1.64 -9.59	34.11 1.70 -7.37	36.07 1.62 -9.97	36.79 1.56 -11.87	37.97 2.17 -1.35	50.09 3.46 -1.65	57.88 3.92 -9.39	57.70 4.81 0.00	56.13 4.82 -0.01	53.09 4.56 -0.01	51.51 4.60 -0.01	50.48 4.41 -2.37	46.64 4.31 -0.07	45.33 3.75 -5.56	45.46 3.95 -2.04	46.34 3.57 -6.77	49.88 3.95 -6.06	55.57 4.20 -8.58	58.23 4.85 -3.94	53.46 4.83 1.13	45.07 3.79 0.00	41.46 3.07 0.00	37.92 2.48 0.00
RCPL_TRUST___DRP 24196	39.96 1.96 -9.59	37.99 1.69 -11.87	36.53 1.65 -9.84	36.10 1.64 -9.97	36.81 1.59 -11.87	38.04 2.24 -1.35	50.22 3.60 -1.65	58.11 4.15 -9.39	57.92 5.02 0.00	56.28 4.98 0.00	53.23 4.71 0.00	51.69 4.78 0.00	50.61 4.54 -2.37	46.76 4.44 -0.07	45.46 3.89 -5.55	45.61 4.11 -2.04	46.48 3.71 -6.76	50.05 4.11 -6.07	55.69 5.04 -8.58	59.66 4.98 -5.17	54.74 4.98 0.00	45.24 3.96 0.00	41.53 3.15 0.00	37.95 2.52 0.00
RED___ROCHESTER 323720	28.81 -0.68 -1.09	25.27 -0.51 -1.34	25.55 -0.60 -1.11	25.01 -0.61 -1.13	24.20 -0.49 -1.34	33.77 -0.83 -0.15	43.72 -1.44 -0.19	43.48 -1.60 -0.51	48.29 -2.01 2.59	46.53 -2.05 2.72	45.34 -1.74 1.43	44.43 -1.73 0.74	39.05 -1.88 2.77	38.07 -1.48 2.71	33.65 -1.41 0.97	34.69 -1.62 3.16	33.53 -1.48 1.00	38.48 -1.56 -0.16	42.35 -1.41 -0.97	48.55 -1.48 -0.59	48.07 -1.69 0.00	40.28 -0.99 0.00	37.65 -0.73 0.00	34.66 -0.78 0.00
REGAN___SOLAR 323812	43.94 2.27 -13.26	42.77 1.93 -16.40	40.60 1.95 -13.60	40.20 1.93 -13.78	41.70 1.94 -16.41	39.31 3.00 -1.87	51.21 3.96 -2.28	61.64 4.10 -12.98	57.86 4.97 0.00	55.87 4.56 0.00	52.59 4.08 0.00	50.52 3.61 0.00	50.33 3.36 -3.28	45.60 4.44 -0.09	46.29 3.89 -7.67	45.09 2.80 -2.81	48.31 2.95 -9.35	51.89 3.63 -8.39	58.76 4.11 -11.86	61.33 4.75 -7.14	54.65 4.88 0.00	45.20 3.92 0.00	41.65 3.26 0.00	38.17 2.73 0.00
RENSSELAER___COGEN 23796	40.99 0.82 -11.75	39.68 0.71 -14.54	37.82 0.73 -12.06	37.41 0.71 -12.21	38.59 0.70 -14.55	37.14 1.03 -1.65	48.34 1.35 -2.02	57.72 1.65 -11.50	54.85 1.96 0.00	53.25 1.95 0.00	50.32 1.80 0.00	48.73 1.83 0.00	48.26 1.66 -2.90	43.98 1.65 -0.08	44.22 1.40 -6.79	43.47 1.50 -2.49	45.62 1.33 -8.29	48.78 1.48 -7.43	54.88 1.58 -10.51	57.55 1.78 -6.33	51.61 1.84 0.00	42.72 1.44 0.00	39.50 1.11 0.00	36.57 1.13 0.00
REPUBLIC_115KV_BARTNBRK 55605	43.73 3.13 -12.19	42.13 2.61 -15.08	40.23 2.68 -12.51	39.80 2.64 -12.67	41.06 2.62 -15.09	40.23 4.06 -1.72	52.42 5.35 -2.09	61.98 5.48 -11.93	59.93 7.03 0.00	58.02 6.72 0.00	54.78 6.26 0.00	52.82 5.91 0.00	51.86 5.16 -3.01	47.20 4.86 -0.08	47.07 4.00 -7.05	46.28 4.22 -2.59	48.85 4.25 -8.60	52.45 4.86 -7.71	59.21 5.52 -10.90	62.39 6.38 -6.57	56.34 6.57 0.00	46.56 5.28 0.00	42.72 4.34 0.00	39.05 3.61 0.00
REVERE_CPPR_DRP 24186	29.73 0.88 -0.44	25.71 0.73 -0.54	26.21 0.73 -0.45	25.68 0.73 -0.45	24.59 0.70 -0.54	35.65 1.14 -0.06	46.54 1.48 -0.08	46.78 1.74 -0.47	55.11 2.22 0.00	53.20 1.90 0.00	50.27 1.75 0.00	48.31 1.41 0.00	45.12 1.31 -0.12	43.53 1.27 0.00	37.17 0.86 -0.28	40.29 0.71 -0.10	37.14 0.83 -0.31	41.07 0.92 -0.28	44.38 1.20 -0.39	50.87 1.19 -0.24	51.06 1.29 0.00	42.47 1.20 0.00	39.50 1.11 0.00	36.36 0.92 0.00
REYNOLDS_115KV_TB3 80639	41.20 1.02 -11.77	39.90 0.90 -14.56	38.04 0.93 -12.08	37.63 0.91 -12.23	38.81 0.89 -14.57	37.42 1.31 -1.66	48.75 1.75 -2.02	58.19 2.09 -11.52	55.32 2.43 0.00	53.66 2.36 0.00	50.75 2.23 0.00	49.16 2.25 0.00	48.66 2.05 -2.91	44.37 2.03 -0.08	44.56 1.73 -6.81	43.79 1.82 -2.50	45.96 1.66 -8.30	49.11 1.79 -7.44	55.20 1.88 -10.53	57.96 2.18 -6.34	51.96 2.19 0.00	43.05 1.77 0.00	39.77 1.38 0.00	36.71 1.28 0.00
RIVERBAY____ 323610	40.13 2.13 -9.59	38.06 1.76 -11.87	36.68 1.80 -9.84	36.17 1.71 -9.97	36.84 1.61 -11.88	37.97 2.17 -1.35	50.04 3.42 -1.65	57.88 3.92 -9.39	57.65 4.76 0.00	56.02 4.72 0.01	52.93 4.42 0.01	51.40 4.50 0.01	50.35 4.28 -2.37	46.50 4.18 -0.06	45.20 3.64 -5.54	45.34 3.83 -2.04	46.33 3.56 -6.76	49.76 3.83 -6.06	55.48 4.11 -8.58	59.36 4.75 -5.17	54.49 4.73 0.00	45.03 3.76 0.00	41.46 3.07 0.00	37.99 2.55 0.00
RIVERSDE_115KV_TB3 55908	41.12 0.91 -11.80	39.84 0.81 -14.60	37.97 0.83 -12.11	37.56 0.81 -12.27	38.75 0.79 -14.61	37.28 1.17 -1.66	48.53 1.53 -2.03	58.04 1.92 -11.55	55.17 2.27 0.00	53.56 2.26 0.00	50.61 2.09 0.00	49.02 2.11 0.00	48.53 1.92 -2.92	44.24 1.90 -0.08	44.47 1.62 -6.83	43.68 1.70 -2.50	45.88 1.55 -8.32	48.97 1.63 -7.46	55.10 1.75 -10.56	57.78 1.98 -6.36	51.81 2.04 0.00	42.88 1.61 0.00	39.61 1.23 0.00	36.64 1.20 0.00
ROARING___BROOK_WT_PWR 323790	27.53 -0.88 0.00	23.68 -0.76 0.00	24.29 -0.75 0.00	23.75 -0.73 0.00	22.60 -0.75 0.00	33.38 -1.07 0.00	43.58 -1.39 0.00	43.28 -1.29 0.00	51.36 -1.54 0.00	49.81 -1.49 0.00	47.11 -1.41 0.00	45.54 -1.36 0.00	42.47 -1.22 0.00	41.03 -1.23 0.00	34.98 -1.05 0.00	38.33 -1.15 0.00	34.96 -1.05 0.00	38.71 -1.16 0.00	41.51 -1.28 0.00	47.96 -1.48 0.00	48.32 -1.44 0.00	40.08 -1.20 0.00	37.39 -1.00 0.00	34.66 -0.78 0.00

ROCHESRG_115KV_T4 355643	28.61 -0.88 -1.08	25.06 -0.71 -1.34	25.35 -0.80 -1.11	24.80 -0.81 -1.12	24.03 -0.65 -1.34	33.50 -1.10 -0.15	43.32 -1.84 -0.19	43.12 -1.96 -0.51	47.72 -2.59 2.58	45.98 -2.62 2.71	44.81 -2.28 1.43	43.91 -2.25 0.74	38.62 -2.32 2.76	37.66 -1.90 2.70	33.37 -1.69 0.96	34.35 -1.97 3.15	33.21 -1.80 0.99	38.12 -1.91 -0.16	41.96 -1.80 -0.97	48.05 -1.98 -0.58	47.68 -2.09 0.00	39.79 -1.49 0.00	37.27 -1.11 0.00	34.38 -1.06 0.00
ROCHESTER_9_IC 23652	28.73 -0.77 -1.09	25.17 -0.61 -1.34	25.45 -0.70 -1.11	24.91 -0.71 -1.13	24.13 -0.56 -1.34	33.67 -0.93 -0.15	43.55 -1.62 -0.19	43.30 -1.78 -0.51	48.02 -2.27 2.59	46.28 -2.31 2.72	45.10 -1.99 1.43	44.14 -2.02 0.74	38.83 -2.10 2.77	37.86 -1.69 2.71	33.51 -1.55 0.97	34.53 -1.78 3.16	33.39 -1.62 1.00	38.32 -1.71 -0.16	42.18 -1.58 -0.97	48.35 -1.68 -0.58	47.98 -1.79 0.00	39.99 -1.28 0.00	37.50 -0.88 0.00	34.55 -0.89 0.00
ROCKVIEW_13_KV_LD 356306	39.85 1.85 -9.59	37.87 1.56 -11.87	36.46 1.58 -9.84	35.98 1.52 -9.97	36.70 1.47 -11.87	37.90 2.10 -1.35	49.95 3.33 -1.65	57.75 3.79 -9.39	57.49 4.60 0.00	55.82 4.51 0.00	52.79 4.27 0.00	51.22 4.32 0.00	50.22 4.15 -2.37	46.34 4.01 -0.07	45.07 3.49 -5.55	45.22 3.71 -2.04	46.12 3.35 -6.77	49.61 3.67 -6.07	55.35 3.98 -8.58	59.31 4.70 -5.17	54.39 4.63 0.00	44.95 3.67 0.00	41.34 2.96 0.00	37.78 2.34 0.00
ROME____115KV_TB2 80656	29.73 0.88 -0.44	25.71 0.73 -0.54	26.21 0.73 -0.45	25.68 0.73 -0.45	24.59 0.70 -0.54	35.65 1.14 -0.06	46.54 1.48 -0.08	46.78 1.74 -0.47	55.11 2.22 0.00	53.20 1.90 0.00	50.27 1.75 0.00	48.31 1.41 0.00	45.12 1.31 -0.12	43.53 1.27 0.00	37.17 0.86 -0.28	40.29 0.71 -0.10	37.14 0.83 -0.31	41.07 0.92 -0.28	44.38 1.20 -0.39	50.87 1.19 -0.24	51.06 1.29 0.00	42.47 1.20 0.00	39.50 1.11 0.00	36.36 0.92 0.00
ROSETON___1 23587	39.36 1.42 -9.53	37.44 1.22 -11.79	36.04 1.23 -9.77	35.59 1.20 -9.90	36.31 1.17 -11.79	37.41 1.62 -1.34	49.18 2.56 -1.64	56.84 2.94 -9.32	56.38 3.49 0.00	54.74 3.44 0.00	51.77 3.25 0.00	50.19 3.28 0.00	49.20 3.15 -2.35	45.41 3.08 -0.06	44.20 2.67 -5.51	44.34 2.84 -2.02	45.28 2.56 -6.72	48.69 2.79 -6.03	54.30 2.99 -8.52	58.14 3.56 -5.13	53.25 3.48 0.00	44.04 2.77 0.00	40.57 2.19 0.00	37.21 1.77 0.00
ROSETON___2 23588	39.36 1.42 -9.53	37.44 1.22 -11.79	36.04 1.23 -9.77	35.59 1.20 -9.90	36.31 1.17 -11.79	37.41 1.62 -1.34	49.18 2.56 -1.64	56.84 2.94 -9.32	56.38 3.49 0.00	54.74 3.44 0.00	51.77 3.25 0.00	50.19 3.28 0.00	49.20 3.15 -2.35	45.41 3.08 -0.06	44.20 2.67 -5.51	44.34 2.84 -2.02	45.28 2.56 -6.72	48.69 2.79 -6.03	54.30 2.99 -8.52	58.14 3.56 -5.13	53.25 3.48 0.00	44.04 2.77 0.00	40.57 2.19 0.00	37.21 1.77 0.00
ROTRDAM_115KV_TB3 80664	41.95 1.11 -12.43	40.77 0.95 -15.38	38.77 0.98 -12.76	38.37 0.96 -12.92	39.67 0.93 -15.39	37.58 1.38 -1.75	49.05 1.93 -2.13	58.83 2.09 -12.17	55.43 2.54 0.00	53.71 2.41 0.00	50.75 2.23 0.00	49.11 2.20 0.00	48.78 2.01 -3.07	44.33 1.99 -0.08	44.87 1.66 -7.19	43.89 1.78 -2.64	46.47 1.69 -8.77	49.61 1.87 -7.86	56.01 2.10 -11.12	58.52 2.37 -6.70	52.21 2.44 0.00	43.21 1.94 0.00	39.96 1.57 0.00	36.75 1.31 0.00
RUSSELL___1 23602	28.81 -0.68 -1.09	25.27 -0.51 -1.34	25.55 -0.60 -1.11	25.00 -0.61 -1.13	24.20 -0.49 -1.34	33.77 -0.83 -0.15	43.68 -1.48 -0.19	43.47 -1.60 -0.51	48.29 -2.01 2.59	46.48 -2.10 2.72	45.34 -1.75 1.43	44.38 -1.78 0.74	39.04 -1.88 2.77	38.07 -1.48 2.71	33.65 -1.40 0.97	34.69 -1.62 3.16	33.53 -1.48 1.00	38.48 -1.56 -0.16	42.35 -1.41 -0.97	48.60 -1.43 -0.59	48.22 -1.54 0.00	40.20 -1.07 0.00	37.66 -0.73 0.00	34.66 -0.78 0.00
RUSSELL___2 23532	28.81 -0.68 -1.09	25.27 -0.51 -1.34	25.55 -0.60 -1.11	25.00 -0.61 -1.13	24.20 -0.49 -1.34	33.77 -0.83 -0.15	43.68 -1.48 -0.19	43.47 -1.60 -0.51	48.29 -2.01 2.59	46.48 -2.10 2.72	45.34 -1.75 1.43	44.38 -1.78 0.74	39.04 -1.88 2.77	38.07 -1.48 2.71	33.65 -1.40 0.97	34.69 -1.62 3.16	33.53 -1.48 1.00	38.48 -1.56 -0.16	42.35 -1.41 -0.97	48.60 -1.43 -0.59	48.22 -1.54 0.00	40.20 -1.07 0.00	37.66 -0.73 0.00	34.66 -0.78 0.00
RUSSELL___3 23549	28.81 -0.68 -1.09	25.27 -0.51 -1.34	25.55 -0.60 -1.11	25.00 -0.61 -1.13	24.20 -0.49 -1.34	33.77 -0.83 -0.15	43.68 -1.48 -0.19	43.47 -1.60 -0.51	48.29 -2.01 2.59	46.48 -2.10 2.72	45.34 -1.75 1.43	44.38 -1.78 0.74	39.04 -1.88 2.77	38.07 -1.48 2.71	33.65 -1.40 0.97	34.69 -1.62 3.16	33.53 -1.48 1.00	38.48 -1.56 -0.16	42.35 -1.41 -0.97	48.60 -1.43 -0.59	48.22 -1.54 0.00	40.20 -1.07 0.00	37.66 -0.73 0.00	34.66 -0.78 0.00
RUSSELL___4 23556	28.81 -0.68 -1.09	25.27 -0.51 -1.34	25.55 -0.60 -1.11	25.00 -0.61 -1.13	24.20 -0.49 -1.34	33.77 -0.83 -0.15	43.68 -1.48 -0.19	43.47 -1.60 -0.51	48.29 -2.01 2.59	46.48 -2.10 2.72	45.34 -1.75 1.43	44.38 -1.78 0.74	39.04 -1.88 2.77	38.07 -1.48 2.71	33.65 -1.40 0.97	34.69 -1.62 3.16	33.53 -1.48 1.00	38.48 -1.56 -0.16	42.35 -1.41 -0.97	48.60 -1.43 -0.59	48.22 -1.54 0.00	40.20 -1.07 0.00	37.66 -0.73 0.00	34.66 -0.78 0.00
RUSSELL___STATION 23914	28.81 -0.68 -1.09	25.27 -0.51 -1.34	25.55 -0.60 -1.11	25.00 -0.61 -1.13	24.20 -0.49 -1.34	33.77 -0.83 -0.15	43.68 -1.48 -0.19	43.47 -1.60 -0.51	48.29 -2.01 2.59	46.48 -2.10 2.72	45.34 -1.75 1.43	44.38 -1.78 0.74	39.04 -1.88 2.77	38.07 -1.48 2.71	33.65 -1.40 0.97	34.69 -1.62 3.16	33.53 -1.48 1.00	38.48 -1.56 -0.16	42.35 -1.41 -0.97	48.60 -1.43 -0.59	48.22 -1.54 0.00	40.20 -1.07 0.00	37.66 -0.73 0.00	34.66 -0.78 0.00
S SALMON___HYD 24043	28.73 -0.31 -0.63	24.93 -0.29 -0.78	25.36 -0.33 -0.65	24.85 -0.29 -0.66	23.85 -0.28 -0.78	34.19 -0.34 -0.09	44.59 -0.49 -0.11	44.47 -0.71 -0.61	51.94 -0.95 0.00	50.22 -1.08 0.00	47.45 -1.07 0.00	45.73 -1.17 0.00	42.76 -1.09 -0.16	41.21 -1.05 0.00	35.45 -0.94 -0.36	38.62 -0.99 -0.13	35.63 -0.83 -0.45	39.40 -0.88 -0.40	42.59 -0.77 -0.57	48.90 -0.89 -0.34	48.92 -0.85 0.00	40.57 -0.70 0.00	37.81 -0.57 0.00	34.87 -0.57 0.00
S.PERRY__115KV_TB1 80734	30.35 0.85 -1.09	26.62 0.83 -1.35	26.98 0.83 -1.12	26.38 0.76 -1.13	25.49 0.79 -1.35	35.77 1.17 -0.15	46.34 1.17 -0.19	45.93 0.85 -0.51	50.77 0.48 2.60	48.32 -0.26 2.72	46.79 -0.29 1.44	45.46 -0.70 0.75	40.05 -0.87 2.77	39.04 -0.51 2.71	34.62 -0.43 0.97	35.83 -0.47 3.17	34.65 -0.36 1.00	40.11 0.08 -0.16	44.49 0.73 -0.97	51.71 1.68 -0.59	51.51 1.74 0.00	42.64 1.36 0.00	39.92 1.54 0.00	36.50 1.06 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	27.81 -2.05 -1.45	24.52 -1.71 -1.79	24.62 -1.90 -1.49	24.08 -1.91 -1.50	23.58 -1.56 -1.79	32.07 -2.58 -0.20	41.18 -4.05 -0.25	40.80 -4.23 -0.46	42.99 -5.24 4.66	41.19 -5.23 4.88	41.24 -4.71 2.58	41.06 -4.50 1.34	34.23 -4.37 5.09	33.46 -3.93 4.87	30.67 -3.35 2.01	29.90 -3.79 5.78	30.35 -3.49 2.16	35.91 -3.95 0.02	40.19 -3.89 -1.29	45.73 -4.50 -0.78	45.09 -4.68 0.00	38.43 -2.85 0.00	36.23 -2.15 0.00	33.56 -1.88 0.00

SAWYER___23_KV_LOAD 55526	27.81 -2.05 -1.45	24.52 -1.71 -1.79	24.62 -1.90 -1.49	24.08 -1.91 -1.50	23.58 -1.56 -1.79	32.07 -2.58 -0.20	41.18 -4.05 -0.25	40.80 -4.23 -0.46	42.99 -5.24 4.66	41.19 -5.23 4.88	41.24 -4.71 2.58	41.06 -4.50 1.34	34.23 -4.37 5.09	33.46 -3.93 4.87	30.67 -3.35 2.01	29.90 -3.79 5.78	30.35 -3.49 2.16	35.91 -3.95 0.02	40.19 -3.89 -1.29	45.73 -4.50 -0.78	45.09 -4.68 0.00	38.43 -2.85 0.00	36.23 -2.15 0.00	33.56 -1.88 0.00
SELKIRK___I 23801	40.95 0.99 -11.55	39.58 0.85 -14.29	37.76 0.88 -11.85	37.37 0.88 -12.00	38.49 0.84 -14.30	37.31 1.24 -1.63	48.58 1.62 -1.98	57.70 1.83 -11.30	55.16 2.27 0.00	53.51 2.20 0.00	50.56 2.04 0.00	48.92 2.02 0.00	48.34 1.79 -2.85	44.03 1.69 -0.08	44.14 1.44 -6.68	43.46 1.54 -2.45	45.59 1.44 -8.14	48.81 1.64 -7.30	54.87 1.76 -10.33	57.70 2.03 -6.22	51.91 2.14 0.00	42.97 1.69 0.00	39.76 1.38 0.00	36.75 1.31 0.00
SELKIRK___II 23799	40.93 0.85 -11.67	39.63 0.76 -14.44	37.79 0.78 -11.97	37.38 0.76 -12.13	38.52 0.72 -14.44	37.16 1.07 -1.64	48.46 1.48 -2.00	57.73 1.74 -11.42	54.95 2.06 0.00	53.36 2.05 0.00	50.41 1.89 0.00	48.83 1.92 0.00	48.33 1.75 -2.88	44.07 1.73 -0.08	44.25 1.48 -6.75	43.49 1.54 -2.47	45.64 1.40 -8.23	48.81 1.55 -7.38	54.89 1.67 -10.44	57.66 1.93 -6.28	51.76 1.99 0.00	42.84 1.57 0.00	39.61 1.23 0.00	36.61 1.17 0.00
SENECA OSWGO___HYD 24041	28.89 -0.23 -0.71	25.10 -0.22 -0.88	25.52 -0.25 -0.73	24.98 -0.24 -0.74	24.04 -0.19 -0.88	34.27 -0.28 -0.10	44.65 -0.45 -0.12	44.55 -0.71 -0.69	51.99 -0.90 0.00	50.43 -0.87 0.00	47.69 -0.83 0.00	46.11 -0.80 0.00	43.08 -0.79 -0.18	41.54 -0.72 0.00	35.86 -0.58 -0.41	39.03 -0.59 -0.15	35.93 -0.58 -0.50	39.68 -0.64 -0.45	42.83 -0.60 -0.64	49.14 -0.69 -0.38	49.02 -0.75 0.00	40.66 -0.62 0.00	37.88 -0.50 0.00	35.02 -0.42 0.00
SENECA___115KV_TB3 355854	27.85 -2.07 -1.51	24.57 -1.74 -1.87	24.64 -1.95 -1.55	24.10 -1.96 -1.57	23.63 -1.59 -1.87	32.04 -2.62 -0.21	41.24 -4.00 -0.26	40.84 -4.19 -0.46	43.43 -5.02 4.44	41.68 -4.98 4.65	41.56 -4.51 2.45	41.32 -4.32 1.27	34.75 -4.11 4.84	33.86 -3.76 4.63	30.85 -3.28 1.90	30.30 -3.67 5.50	30.58 -3.38 2.04	36.05 -3.83 0.00	40.29 -3.85 -1.35	45.81 -4.45 -0.81	45.24 -4.53 0.00	38.76 -2.52 0.00	36.54 -1.84 0.00	33.91 -1.52 0.00
SENECA___ENERGY 23797	29.31 -0.28 -1.18	25.66 -0.24 -1.46	25.95 -0.30 -1.21	25.42 -0.29 -1.23	24.65 -0.16 -1.46	34.38 -0.24 -0.17	44.82 -0.36 -0.20	44.99 -0.49 -0.91	52.56 -0.58 -0.25	50.84 -0.72 -0.26	47.98 -0.68 -0.14	46.23 -0.75 -0.08	43.37 -0.83 -0.50	41.80 -0.72 -0.26	36.07 -0.61 -0.66	39.31 -0.67 -0.51	36.30 -0.65 -0.94	39.89 -0.64 -0.66	43.33 -0.51 -1.06	49.54 -0.54 -0.64	49.22 -0.55 0.00	40.90 -0.37 0.00	38.16 -0.23 0.00	35.23 -0.21 0.00
SHOEMAKER___GT 23640	38.24 1.17 -8.67	36.19 1.03 -10.72	34.93 1.00 -8.89	34.48 0.98 -9.01	35.04 0.96 -10.73	37.01 1.34 -1.22	48.54 2.07 -1.49	55.42 2.36 -8.48	55.69 2.80 0.00	54.12 2.82 0.00	51.14 2.62 0.00	49.53 2.63 0.00	48.41 2.58 -2.14	44.85 2.54 -0.06	43.20 2.16 -5.01	43.60 2.29 -1.84	44.17 2.05 -6.11	47.63 2.27 -5.48	53.02 2.48 -7.75	57.13 3.02 -4.67	52.70 2.94 0.00	43.58 2.31 0.00	40.23 1.84 0.00	36.96 1.52 0.00
SHOEMAKR_138KV_BK 111 55601	38.19 1.16 -8.61	36.12 1.03 -10.65	34.87 1.00 -8.83	34.42 0.98 -8.95	34.97 0.96 -10.66	37.00 1.34 -1.21	48.53 2.07 -1.48	55.36 2.36 -8.43	55.75 2.86 0.00	54.18 2.87 0.00	51.19 2.67 0.00	49.58 2.67 0.00	48.44 2.62 -2.13	44.89 2.58 -0.06	43.20 2.20 -4.98	43.63 2.33 -1.83	44.17 2.09 -6.07	47.59 2.27 -5.45	53.01 2.52 -7.70	57.10 3.02 -4.64	52.65 2.89 0.00	43.63 2.35 0.00	40.23 1.84 0.00	36.93 1.49 0.00
SHOREHAM_IC_1 23715	39.78 1.76 -9.60	37.81 1.49 -11.88	36.23 1.35 -9.84	35.66 1.20 -9.97	36.77 1.54 -11.88	37.73 1.93 -1.35	50.64 4.00 -1.66	57.40 3.43 -9.40	56.55 3.65 -0.01	54.49 3.18 -0.01	51.24 2.72 -0.01	49.87 2.96 -0.01	49.31 3.23 -2.38	49.72 3.13 -4.33	44.14 2.56 -5.56	45.49 3.79 -2.23	45.66 2.88 -6.78	49.18 3.23 -6.08	55.36 3.98 -8.59	59.61 4.99 -5.18	53.96 4.18 -0.01	44.87 3.59 -0.01	42.12 3.72 -0.01	38.39 2.94 -0.01
SHOREHAM_IC_2 23716	39.78 1.76 -9.60	37.81 1.49 -11.88	36.23 1.35 -9.84	35.66 1.20 -9.97	36.77 1.54 -11.88	37.73 1.93 -1.35	50.64 4.00 -1.66	57.40 3.43 -9.40	56.55 3.65 -0.01	54.49 3.18 -0.01	51.24 2.72 -0.01	49.87 2.96 -0.01	49.31 3.23 -2.38	49.72 3.13 -4.33	44.14 2.56 -5.56	45.49 3.79 -2.23	45.66 2.88 -6.78	49.18 3.23 -6.08	55.36 3.98 -8.59	59.61 4.99 -5.18	53.96 4.18 -0.01	44.87 3.59 -0.01	42.12 3.72 -0.01	38.39 2.94 -0.01
SISSONVILLE____ 23735	27.39 -1.02 0.00	23.53 -0.90 0.00	24.21 -0.83 0.00	23.70 -0.78 0.00	22.46 -0.89 0.00	33.28 -1.17 0.00	43.40 -1.57 0.00	43.10 -1.47 0.00	51.09 -1.80 0.00	49.41 -1.90 0.00	46.68 -1.84 0.00	44.98 -1.92 0.00	41.99 -1.70 0.00	40.44 -1.82 0.00	34.44 -1.59 0.00	37.82 -1.66 0.00	34.49 -1.51 0.00	38.24 -1.63 0.00	41.03 -1.75 0.00	47.37 -2.08 0.00	47.93 -1.84 0.00	39.71 -1.57 0.00	37.00 -1.38 0.00	34.27 -1.17 0.00
SITHE_IND_GS1 24169	28.47 -0.48 -0.55	24.70 -0.42 -0.68	25.15 -0.45 -0.56	24.62 -0.44 -0.57	23.63 -0.40 -0.68	33.94 -0.59 -0.08	44.17 -0.90 -0.09	43.90 -1.20 -0.53	51.36 -1.54 0.00	49.81 -1.49 0.00	47.11 -1.41 0.00	45.54 -1.36 0.00	42.52 -1.31 -0.13	41.08 -1.18 0.00	35.33 -1.01 -0.31	38.56 -1.03 -0.12	35.42 -0.97 -0.39	39.14 -1.07 -0.35	42.16 -1.11 -0.49	48.45 -1.29 -0.29	48.43 -1.34 0.00	40.24 -1.03 0.00	37.54 -0.84 0.00	34.73 -0.71 0.00
SITHE_IND_GS2 24170	28.47 -0.48 -0.55	24.70 -0.42 -0.68	25.15 -0.45 -0.56	24.62 -0.44 -0.57	23.63 -0.40 -0.68	33.94 -0.59 -0.08	44.17 -0.90 -0.09	43.90 -1.20 -0.53	51.36 -1.54 0.00	49.81 -1.49 0.00	47.11 -1.41 0.00	45.54 -1.36 0.00	42.52 -1.31 -0.13	41.08 -1.18 0.00	35.33 -1.01 -0.31	38.56 -1.03 -0.12	35.42 -0.97 -0.39	39.14 -1.07 -0.35	42.16 -1.11 -0.49	48.45 -1.29 -0.29	48.43 -1.34 0.00	40.24 -1.03 0.00	37.54 -0.84 0.00	34.73 -0.71 0.00
SITHE_IND_GS3 24171	28.47 -0.48 -0.55	24.70 -0.42 -0.68	25.15 -0.45 -0.56	24.62 -0.44 -0.57	23.63 -0.40 -0.68	33.94 -0.59 -0.08	44.17 -0.90 -0.09	43.90 -1.20 -0.53	51.36 -1.54 0.00	49.81 -1.49 0.00	47.11 -1.41 0.00	45.54 -1.36 0.00	42.52 -1.31 -0.13	41.08 -1.18 0.00	35.33 -1.01 -0.31	38.56 -1.03 -0.12	35.42 -0.97 -0.39	39.14 -1.07 -0.35	42.16 -1.11 -0.49	48.45 -1.29 -0.29	48.43 -1.34 0.00	40.24 -1.03 0.00	37.54 -0.84 0.00	34.73 -0.71 0.00
SITHE_IND_GS4 24172	28.47 -0.48 -0.55	24.70 -0.42 -0.68	25.15 -0.45 -0.56	24.62 -0.44 -0.57	23.63 -0.40 -0.68	33.94 -0.59 -0.08	44.17 -0.90 -0.09	43.90 -1.20 -0.53	51.36 -1.54 0.00	49.81 -1.49 0.00	47.11 -1.41 0.00	45.54 -1.36 0.00	42.52 -1.31 -0.13	41.08 -1.18 0.00	35.33 -1.01 -0.31	38.56 -1.03 -0.12	35.42 -0.97 -0.39	39.14 -1.07 -0.35	42.16 -1.11 -0.49	48.45 -1.29 -0.29	48.43 -1.34 0.00	40.24 -1.03 0.00	37.54 -0.84 0.00	34.73 -0.71 0.00

SITHE___BATAVIA 24024	28.59 -1.08 -1.26	25.17 -0.83 -1.56	25.39 -0.95 -1.30	24.82 -0.98 -1.31	24.14 -0.77 -1.56	33.32 -1.31 -0.18	42.99 -2.20 -0.22	42.68 -2.36 -0.47	45.74 -3.07 4.08	43.80 -3.23 4.27	43.50 -2.76 2.25	42.92 -2.81 1.17	36.29 -2.97 4.44	35.51 -2.49 4.26	32.08 -2.23 1.72	31.82 -2.61 5.04	31.79 -2.38 1.84	37.43 -2.47 -0.03	41.65 -2.27 -1.13	47.75 -2.37 -0.68	47.33 -2.44 0.00	39.95 -1.32 0.00	37.46 -0.92 0.00	34.45 -0.99 0.00
SITHE___INDEPEND 23800	28.47 -0.48 -0.55	24.70 -0.42 -0.68	25.15 -0.45 -0.56	24.61 -0.44 -0.57	23.63 -0.40 -0.68	33.94 -0.59 -0.08	44.17 -0.90 -0.09	43.90 -1.20 -0.53	51.36 -1.53 0.00	49.82 -1.49 0.00	47.11 -1.41 0.00	45.54 -1.36 0.00	42.52 -1.31 -0.13	41.08 -1.18 0.00	35.33 -1.01 -0.31	38.52 -1.07 -0.12	35.42 -0.97 -0.39	39.14 -1.08 -0.35	42.17 -1.11 -0.49	48.45 -1.29 -0.29	48.42 -1.34 0.00	40.24 -1.03 0.00	37.54 -0.84 0.00	34.73 -0.71 0.00
SITHE___MASSENA 23902	28.15 -0.26 0.00	24.19 -0.24 0.00	24.89 -0.15 0.00	24.37 -0.12 0.00	23.09 -0.26 0.00	34.14 -0.31 0.00	44.49 -0.49 0.00	44.17 -0.40 0.00	52.41 -0.48 0.00	50.79 -0.51 0.00	47.99 -0.53 0.00	46.34 -0.56 0.00	43.26 -0.44 0.00	41.67 -0.59 0.00	35.52 -0.50 0.00	39.00 -0.47 0.00	35.54 -0.47 0.00	39.35 -0.52 0.00	42.19 -0.60 0.00	48.75 -0.69 0.00	49.22 -0.55 0.00	40.78 -0.49 0.00	38.04 -0.35 0.00	35.23 -0.21 0.00
SITHE___OGDNSBRG 24021	28.24 -0.17 0.00	24.27 -0.17 0.00	24.96 -0.08 0.00	24.46 -0.02 0.00	23.16 -0.19 0.00	34.31 -0.14 0.00	44.75 -0.22 0.00	44.39 -0.18 0.00	52.57 -0.32 0.00	50.74 -0.56 0.00	47.84 -0.68 0.00	46.15 -0.75 0.00	43.04 -0.66 0.00	41.41 -0.85 0.00	35.30 -0.72 0.00	38.72 -0.75 0.00	35.39 -0.61 0.00	39.27 -0.60 0.00	42.23 -0.56 0.00	48.75 -0.69 0.00	49.37 -0.40 0.00	40.90 -0.37 0.00	38.15 -0.23 0.00	35.33 -0.11 0.00
SITHE___STERLING 23777	29.66 0.74 -0.52	25.69 0.61 -0.64	26.17 0.60 -0.53	25.61 0.59 -0.54	24.57 0.58 -0.64	35.45 0.93 -0.07	46.28 1.21 -0.09	46.43 1.34 -0.53	54.58 1.69 0.00	52.74 1.43 0.00	49.88 1.36 0.00	47.98 1.08 0.00	44.83 1.01 -0.13	43.23 0.97 0.00	37.02 0.68 -0.31	40.22 0.63 -0.11	37.05 0.68 -0.36	40.95 0.76 -0.33	44.28 1.03 -0.46	50.76 1.04 -0.28	50.91 1.15 0.00	42.26 0.99 0.00	39.30 0.92 0.00	36.25 0.82 0.00
SLEIGHT__34_KV_TB1 80719	28.94 -0.54 -1.07	25.35 -0.42 -1.33	25.66 -0.48 -1.10	25.11 -0.49 -1.11	24.30 -0.37 -1.33	34.01 -0.59 -0.15	44.17 -0.99 -0.18	44.15 -1.16 -0.73	50.72 -1.38 0.79	49.04 -1.44 0.83	46.87 -1.21 0.44	45.41 -1.27 0.23	41.64 -1.35 0.70	40.34 -1.10 0.82	35.06 -1.01 -0.05	37.45 -1.18 0.84	35.09 -1.08 -0.16	39.16 -1.16 -0.45	42.68 -1.07 -0.96	48.89 -1.14 -0.58	48.52 -1.24 0.00	40.32 -0.95 0.00	37.69 -0.69 0.00	34.73 -0.71 0.00
SOUTH CAIRO___GT 23612	40.62 1.02 -11.19	39.18 0.90 -13.84	37.42 0.90 -11.48	37.00 0.88 -11.63	38.06 0.86 -13.85	37.33 1.31 -1.58	48.61 1.71 -1.92	57.44 1.92 -10.95	55.96 3.07 0.00	54.38 3.08 0.00	51.14 2.62 0.00	49.39 2.49 0.00	48.21 1.75 -2.76	44.45 2.11 -0.08	43.72 1.22 -6.47	43.15 1.30 -2.37	45.23 1.33 -7.89	48.62 1.67 -7.08	54.72 1.93 -10.01	57.94 2.47 -6.03	52.75 2.99 0.00	43.71 2.44 0.00	40.38 2.00 0.00	37.49 2.06 0.00
SOUTH HAMPTN___IC 23720	39.92 1.90 -9.60	37.93 1.61 -11.88	36.34 1.45 -9.84	35.76 1.30 -9.97	36.84 1.61 -11.88	37.90 2.10 -1.35	50.73 4.09 -1.66	57.67 3.70 -9.40	56.92 4.02 -0.01	54.96 3.64 -0.01	51.59 3.06 -0.01	50.24 3.33 -0.01	49.61 3.54 -2.38	49.96 3.38 -4.32	44.36 2.77 -5.56	45.57 3.87 -2.23	45.81 3.02 -6.78	49.34 3.39 -6.08	55.49 4.11 -8.59	59.67 5.05 -5.18	54.10 4.33 -0.01	44.95 3.67 -0.01	42.04 3.65 -0.01	38.46 3.01 -0.01
SOUTHDOW_115KV_TB1 355954	27.69 -2.41 -1.69	24.51 -2.03 -2.10	24.52 -2.25 -1.74	23.95 -2.30 -1.76	23.63 -1.82 -2.10	31.69 -3.00 -0.24	41.13 -4.14 -0.29	40.56 -4.41 -0.40	44.73 -5.02 3.14	43.09 -4.93 3.29	42.18 -4.61 1.73	41.60 -4.41 0.89	36.22 -4.06 3.41	35.09 -3.89 3.28	31.19 -3.53 1.30	31.65 -3.95 3.88	31.20 -3.38 1.42	36.19 -3.75 -0.06	40.58 -3.72 -1.52	46.11 -4.25 -0.91	45.59 -4.18 0.00	39.46 -1.82 0.00	37.42 -0.96 0.00	34.98 -0.46 0.00
SOUTHOLD_69_KV_BK 2 55809	39.86 1.85 -9.60	37.88 1.56 -11.88	36.29 1.40 -9.84	35.69 1.22 -9.97	36.77 1.54 -11.88	37.80 2.00 -1.35	50.64 4.00 -1.66	57.67 3.70 -9.40	56.97 4.07 -0.01	54.96 3.64 -0.01	51.44 2.91 -0.01	50.15 3.24 -0.01	49.48 3.41 -2.38	49.84 3.25 -4.32	44.21 2.63 -5.56	45.41 3.71 -2.23	45.66 2.88 -6.78	49.18 3.23 -6.08	55.23 3.85 -8.59	59.32 4.70 -5.18	53.81 4.03 -0.01	44.71 3.43 -0.01	41.77 3.38 -0.01	38.32 2.87 -0.01
SOUTHOLD___IC 23719	39.86 1.85 -9.60	37.88 1.57 -11.88	36.28 1.40 -9.84	35.68 1.22 -9.97	36.77 1.54 -11.88	37.80 2.00 -1.35	50.69 4.05 -1.66	57.67 3.70 -9.40	56.97 4.07 -0.01	54.96 3.64 -0.01	51.39 2.86 -0.01	50.15 3.23 -0.01	49.48 3.41 -2.38	49.84 3.25 -4.32	44.21 2.63 -5.56	45.37 3.67 -2.23	45.66 2.88 -6.78	49.18 3.23 -6.08	55.23 3.85 -8.59	59.42 4.79 -5.18	53.80 4.03 -0.01	44.67 3.39 -0.01	41.73 3.34 -0.01	38.32 2.87 -0.01
SOUTH_FORK_WT_PWR 323839	39.58 1.56 -9.60	37.63 1.32 -11.88	36.04 1.15 -9.84	35.44 0.98 -9.97	36.53 1.31 -11.88	37.45 1.65 -1.35	50.23 3.60 -1.66	57.22 3.25 -9.40	56.44 3.54 -0.01	54.44 3.13 -0.01	50.71 2.19 -0.01	49.59 2.67 -0.01	48.91 2.84 -2.38	49.29 2.71 -4.32	43.74 2.16 -5.56	44.86 3.16 -2.23	45.19 2.41 -6.78	48.66 2.71 -6.08	54.63 3.25 -8.59	58.72 4.10 -5.18	53.06 3.28 -0.01	44.05 2.77 -0.01	41.19 2.80 -0.01	37.96 2.52 -0.01
SPIERFLS_115KV_TB 1 80737	42.66 2.05 -12.21	41.25 1.71 -15.10	39.32 1.75 -12.52	38.92 1.74 -12.69	40.19 1.73 -15.11	38.82 2.65 -1.72	50.63 3.55 -2.10	60.31 3.79 -11.95	57.76 4.87 0.00	56.02 4.72 0.00	52.89 4.37 0.00	51.08 4.17 0.00	50.38 3.67 -3.02	45.89 3.55 -0.08	45.96 2.88 -7.06	45.10 3.04 -2.59	47.64 3.02 -8.61	50.98 3.39 -7.72	57.43 3.72 -10.92	60.32 4.30 -6.58	54.15 4.38 0.00	44.78 3.51 0.00	41.22 2.84 0.00	37.78 2.34 0.00
ST LAWRENCE____ 23600	27.95 -0.46 0.00	24.05 -0.39 0.00	24.69 -0.35 0.00	24.17 -0.32 0.00	22.95 -0.40 0.00	33.90 -0.55 0.00	44.21 -0.76 0.00	43.86 -0.71 0.00	52.04 -0.85 0.00	50.48 -0.82 0.00	47.69 -0.83 0.00	46.11 -0.80 0.00	42.99 -0.70 0.00	41.45 -0.80 0.00	35.38 -0.65 0.00	38.80 -0.67 0.00	35.36 -0.65 0.00	39.16 -0.72 0.00	41.97 -0.81 0.00	48.51 -0.94 0.00	48.87 -0.89 0.00	40.49 -0.79 0.00	37.77 -0.62 0.00	34.98 -0.46 0.00
STATE_CA_115KV_115_LB 55624	41.22 0.91 -11.91	39.97 0.81 -14.73	38.08 0.83 -12.21	37.67 0.81 -12.37	38.88 0.79 -14.74	37.30 1.17 -1.68	48.55 1.53 -2.04	58.05 1.83 -11.65	55.11 2.22 0.00	53.51 2.21 0.00	50.61 2.09 0.00	48.97 2.06 0.00	48.51 1.88 -2.94	44.20 1.86 -0.08	44.46 1.55 -6.88	43.62 1.62 -2.53	45.91 1.51 -8.39	49.08 1.67 -7.53	55.19 1.75 -10.65	57.84 1.98 -6.41	51.81 2.04 0.00	42.88 1.61 0.00	39.61 1.23 0.00	36.68 1.24 0.00

STATE_ST_34_KV_LOAD 55959	29.69 0.11 -1.16	25.97 0.10 -1.44	26.28 0.05 -1.19	25.74 0.05 -1.21	24.91 0.12 -1.44	34.82 0.21 -0.16	45.36 0.18 -0.20	46.06 0.04 -1.45	53.84 0.11 -0.85	52.14 -0.05 -0.89	48.94 -0.05 -0.47	47.05 -0.09 -0.24	44.83 -0.17 -1.31	43.07 -0.08 -0.89	37.22 -0.07 -1.27	40.82 -0.04 -1.38	37.53 -0.07 -1.59	40.87 -0.04 -1.03	43.91 0.09 -1.04	50.22 0.15 -0.63	49.82 0.05 0.00	41.36 0.08 0.00	38.54 0.15 0.00	35.58 0.14 0.00
STATION 5_MISC_HYD 23604	28.73 -0.77 -1.09	25.17 -0.61 -1.34	25.45 -0.70 -1.11	24.91 -0.71 -1.13	24.13 -0.56 -1.34	33.67 -0.93 -0.15	43.59 -1.58 -0.19	43.29 -1.78 -0.51	48.02 -2.27 2.59	46.28 -2.31 2.72	45.14 -1.94 1.43	44.19 -1.97 0.74	38.83 -2.10 2.77	37.86 -1.69 2.71	33.54 -1.51 0.97	34.53 -1.78 3.16	33.39 -1.62 1.00	38.32 -1.71 -0.16	42.18 -1.58 -0.97	48.35 -1.68 -0.58	47.82 -1.94 0.00	40.08 -1.20 0.00	37.50 -0.88 0.00	34.52 -0.92 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	29.21 -0.28 -1.09	25.61 -0.17 -1.34	25.93 -0.23 -1.11	25.37 -0.24 -1.13	24.55 -0.14 -1.34	34.36 -0.24 -0.15	44.63 -0.54 -0.19	44.53 -0.62 -0.59	50.96 -0.69 1.24	49.23 -0.77 1.30	47.20 -0.63 0.68	45.80 -0.75 0.35	41.58 -0.87 1.24	40.33 -0.63 1.29	35.08 -0.68 0.26	37.24 -0.79 1.44	35.11 -0.72 0.18	39.48 -0.72 -0.32	43.16 -0.60 -0.97	49.54 -0.49 -0.58	49.17 -0.60 0.00	40.90 -0.37 0.00	38.23 -0.15 0.00	35.19 -0.25 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	28.64 -0.85 -1.08	25.09 -0.68 -1.34	25.37 -0.78 -1.11	24.83 -0.78 -1.12	24.06 -0.63 -1.34	33.57 -1.03 -0.15	43.46 -1.71 -0.19	43.21 -1.87 -0.51	48.17 -2.33 2.40	46.43 -2.36 2.51	45.16 -2.04 1.33	44.15 -2.06 0.69	39.00 -2.14 2.55	38.02 -1.73 2.50	33.57 -1.59 0.87	34.70 -1.86 2.92	33.43 -1.69 0.88	38.26 -1.79 -0.18	42.09 -1.67 -0.97	48.25 -1.78 -0.58	47.83 -1.94 0.00	39.87 -1.40 0.00	37.35 -1.04 0.00	34.41 -1.03 0.00
STA_56___34_KV_BUS2 355983	28.64 -0.85 -1.08	25.09 -0.68 -1.34	25.37 -0.78 -1.11	24.83 -0.78 -1.12	24.06 -0.63 -1.34	33.57 -1.03 -0.15	43.46 -1.71 -0.19	43.21 -1.87 -0.51	48.17 -2.33 2.40	46.43 -2.36 2.51	45.16 -2.04 1.33	44.15 -2.06 0.69	39.00 -2.14 2.55	38.02 -1.73 2.50	33.57 -1.59 0.87	34.70 -1.86 2.92	33.43 -1.69 0.88	38.26 -1.79 -0.18	42.09 -1.67 -0.97	48.25 -1.78 -0.58	47.83 -1.94 0.00	39.87 -1.40 0.00	37.35 -1.04 0.00	34.41 -1.03 0.00
STA_67___115KV_BK2 355882	28.67 -0.82 -1.09	25.14 -0.64 -1.34	25.43 -0.73 -1.11	24.86 -0.76 -1.13	24.09 -0.61 -1.34	33.60 -1.00 -0.15	43.46 -1.71 -0.19	43.25 -1.83 -0.51	47.92 -2.38 2.59	46.12 -2.46 2.72	45.00 -2.09 1.43	44.05 -2.11 0.74	38.74 -2.18 2.77	37.78 -1.77 2.71	33.43 -1.62 0.97	34.46 -1.86 3.16	33.32 -1.69 1.00	38.24 -1.79 -0.16	42.09 -1.67 -0.97	48.25 -1.78 -0.58	47.83 -1.94 0.00	39.91 -1.36 0.00	37.42 -0.96 0.00	34.48 -0.96 0.00
STA_7___115KV_9TRANS 80674	28.81 -0.68 -1.09	25.27 -0.51 -1.34	25.55 -0.60 -1.11	25.00 -0.61 -1.13	24.20 -0.49 -1.34	33.77 -0.83 -0.15	43.68 -1.48 -0.19	43.47 -1.60 -0.51	48.29 -2.01 2.59	46.48 -2.10 2.72	45.34 -1.75 1.43	44.38 -1.78 0.74	39.04 -1.88 2.77	38.07 -1.48 2.71	33.65 -1.40 0.97	34.69 -1.62 3.16	33.53 -1.48 1.00	38.48 -1.56 -0.16	42.35 -1.41 -0.97	48.60 -1.43 -0.59	48.22 -1.54 0.00	40.20 -1.07 0.00	37.66 -0.73 0.00	34.66 -0.78 0.00
STA_82___115KV_TB1 80780	28.70 -0.80 -1.09	25.15 -0.64 -1.35	25.43 -0.73 -1.12	24.89 -0.73 -1.13	24.11 -0.58 -1.35	33.60 -1.00 -0.15	43.50 -1.66 -0.19	43.25 -1.83 -0.51	47.91 -2.38 2.60	46.17 -2.41 2.72	45.00 -2.09 1.44	44.05 -2.11 0.75	38.73 -2.18 2.77	37.77 -1.77 2.71	33.47 -1.59 0.97	34.45 -1.86 3.17	33.32 -1.69 1.00	38.24 -1.79 -0.16	42.09 -1.67 -0.97	48.25 -1.78 -0.59	47.88 -1.89 0.00	39.95 -1.32 0.00	37.42 -0.96 0.00	34.48 -0.96 0.00
STEEL___WIND 323596	27.79 -2.13 -1.51	24.53 -1.78 -1.87	24.61 -1.98 -1.55	24.10 -1.96 -1.57	23.61 -1.61 -1.87	31.97 -2.69 -0.21	41.19 -4.05 -0.26	40.80 -4.24 -0.46	43.22 -5.24 4.44	41.52 -5.13 4.65	41.50 -4.56 2.45	41.22 -4.41 1.27	34.57 -4.28 4.84	33.70 -3.93 4.63	30.81 -3.31 1.90	30.26 -3.71 5.50	30.51 -3.46 2.04	36.01 -3.87 0.00	40.21 -3.94 -1.35	45.71 -4.55 -0.81	45.54 -4.23 0.00	38.84 -2.44 0.00	36.50 -1.88 0.00	33.84 -1.59 0.00
STEPHTWN_115KV_BK_2 55603	41.27 1.11 -11.75	39.93 0.95 -14.54	38.07 0.98 -12.06	37.66 0.96 -12.21	38.83 0.93 -14.55	37.55 1.45 -1.65	48.84 1.84 -2.02	58.21 2.14 -11.50	55.54 2.64 0.00	53.92 2.62 0.00	50.94 2.43 0.00	49.30 2.39 0.00	48.74 2.14 -2.90	44.45 2.11 -0.08	44.58 1.77 -6.79	43.82 1.86 -2.49	46.02 1.73 -8.29	49.26 1.95 -7.43	55.40 2.10 -10.51	58.15 2.37 -6.33	52.21 2.44 0.00	43.21 1.94 0.00	39.88 1.50 0.00	36.89 1.45 0.00
STEUBEN_REC_LFGE 323667	28.39 -2.13 -2.11	25.19 -1.86 -2.61	25.20 -2.00 -2.16	24.97 -1.71 -2.19	24.65 -1.31 -2.61	32.95 -1.79 -0.30	42.96 -2.38 -0.36	40.67 -2.41 1.50	50.15 -2.86 -0.12	48.40 -3.03 -0.12	45.61 -3.01 -0.10	43.94 -3.05 -0.09	40.54 -2.88 0.27	39.58 -2.79 -0.11	32.74 -2.45 0.83	36.58 -2.68 0.21	33.26 -2.52 0.23	36.49 -2.67 0.71	42.24 -2.44 -1.89	48.01 -2.57 -1.14	47.13 -2.64 0.00	39.75 -1.53 0.00	37.42 -0.96 0.00	34.77 -0.67 0.00
STILLWATER___SOLAR 323814	42.40 1.87 -12.12	41.01 1.59 -14.99	39.10 1.63 -12.43	38.67 1.59 -12.59	39.91 1.56 -15.00	38.53 2.38 -1.71	50.25 3.19 -2.08	59.86 3.43 -11.86	57.17 4.28 0.00	55.46 4.15 0.00	52.40 3.88 0.00	50.61 3.70 0.00	50.01 3.32 -2.99	45.51 3.17 -0.08	45.66 2.63 -7.01	44.85 2.80 -2.57	47.25 2.70 -8.54	50.56 3.03 -7.66	56.97 3.34 -10.84	59.78 3.81 -6.53	53.65 3.88 0.00	44.37 3.10 0.00	40.92 2.53 0.00	37.56 2.13 0.00
STONY___BROOK 24151	40.20 2.19 -9.60	38.17 1.86 -11.88	36.61 1.73 -9.84	36.03 1.57 -9.97	37.00 1.77 -11.88	38.25 2.45 -1.35	50.86 4.23 -1.66	58.07 4.10 -9.40	57.66 4.76 -0.01	55.77 4.46 -0.01	52.55 4.02 -0.01	51.14 4.22 -0.01	50.27 4.20 -2.38	50.66 4.06 -4.35	44.93 3.35 -5.56	45.84 4.14 -2.23	46.27 3.49 -6.78	49.86 3.91 -6.08	55.87 4.49 -8.59	60.01 5.39 -5.18	54.80 5.02 -0.01	45.53 4.25 -0.01	42.23 3.84 -0.01	38.64 3.19 -0.01
STURGEON_POOL_HYD 23609	39.47 1.28 -9.78	37.63 1.10 -12.10	36.17 1.10 -10.03	35.70 1.05 -10.16	36.48 1.03 -12.10	37.20 1.38 -1.38	48.95 2.29 -1.68	56.82 2.67 -9.57	56.38 3.49 0.00	54.84 3.54 0.00	51.82 3.30 0.00	50.24 3.33 0.00	49.13 3.01 -2.42	45.45 3.13 -0.07	44.16 2.49 -5.65	44.23 2.68 -2.07	45.28 2.38 -6.90	48.65 2.59 -6.18	54.36 2.82 -8.75	58.12 3.41 -5.27	53.30 3.53 0.00	44.12 2.85 0.00	40.65 2.26 0.00	37.32 1.88 0.00
ST_LAW_115_BK7_LBMP 345037	27.93 -0.48 0.00	24.02 -0.42 0.00	24.69 -0.35 0.00	24.14 -0.34 0.00	22.93 -0.42 0.00	33.86 -0.59 0.00	44.17 -0.81 0.00	43.81 -0.76 0.00	51.99 -0.90 0.00	50.43 -0.87 0.00	47.69 -0.83 0.00	46.06 -0.84 0.00	42.95 -0.74 0.00	41.41 -0.84 0.00	35.34 -0.69 0.00	38.76 -0.71 0.00	35.32 -0.69 0.00	39.16 -0.72 0.00	41.93 -0.86 0.00	48.46 -0.99 0.00	48.82 -0.95 0.00	40.49 -0.79 0.00	37.73 -0.65 0.00	34.94 -0.50 0.00

ST_LAW_115_BK8_LBMP 345038	27.93 -0.48 0.00	24.02 -0.42 0.00	24.69 -0.35 0.00	24.14 -0.34 0.00	22.93 -0.42 0.00	33.86 -0.59 0.00	44.17 -0.81 0.00	43.81 -0.76 0.00	51.99 -0.90 0.00	50.43 -0.87 0.00	47.69 -0.83 0.00	46.06 -0.84 0.00	42.95 -0.74 0.00	41.41 -0.84 0.00	35.34 -0.69 0.00	38.76 -0.71 0.00	35.32 -0.69 0.00	39.16 -0.72 0.00	41.93 -0.86 0.00	48.46 -0.99 0.00	48.82 -0.95 0.00	40.49 -0.79 0.00	37.73 -0.65 0.00	34.94 -0.50 0.00
ST_LAW_230_BK5_LBMP 345035	27.95 -0.46 0.00	24.05 -0.39 0.00	24.69 -0.35 0.00	24.17 -0.32 0.00	22.95 -0.40 0.00	33.90 -0.55 0.00	44.21 -0.76 0.00	43.86 -0.71 0.00	52.04 -0.85 0.00	50.48 -0.82 0.00	47.69 -0.83 0.00	46.11 -0.80 0.00	42.99 -0.70 0.00	41.45 -0.80 0.00	35.38 -0.65 0.00	38.80 -0.67 0.00	35.36 -0.65 0.00	39.16 -0.72 0.00	41.97 -0.81 0.00	48.51 -0.94 0.00	48.87 -0.89 0.00	40.49 -0.79 0.00	37.77 -0.62 0.00	34.98 -0.46 0.00
ST_LAW_230_BK6_LBMP 345036	27.95 -0.46 0.00	24.05 -0.39 0.00	24.69 -0.35 0.00	24.17 -0.32 0.00	22.95 -0.40 0.00	33.90 -0.55 0.00	44.21 -0.76 0.00	43.86 -0.71 0.00	52.04 -0.85 0.00	50.48 -0.82 0.00	47.69 -0.83 0.00	46.11 -0.80 0.00	42.99 -0.70 0.00	41.45 -0.80 0.00	35.38 -0.65 0.00	38.80 -0.67 0.00	35.36 -0.65 0.00	39.16 -0.72 0.00	41.97 -0.81 0.00	48.51 -0.94 0.00	48.87 -0.89 0.00	40.49 -0.79 0.00	37.77 -0.62 0.00	34.98 -0.46 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	38.58 1.31 -8.86	36.52 1.12 -10.96	35.26 1.13 -9.09	34.77 1.08 -9.21	35.37 1.05 -10.97	37.18 1.48 -1.25	48.84 2.34 -1.52	55.96 2.72 -8.67	56.12 3.23 0.00	54.54 3.23 0.00	51.58 3.06 0.00	49.95 3.05 0.00	48.85 2.97 -2.19	45.23 2.92 -0.06	43.63 2.49 -5.12	44.00 2.64 -1.88	44.63 2.38 -6.25	48.07 2.59 -5.60	53.54 2.82 -7.92	57.58 3.36 -4.77	53.05 3.28 0.00	43.92 2.64 0.00	40.46 2.07 0.00	37.10 1.67 0.00
SWANROAD_115KV_TB1 355699	27.34 -2.47 -1.40	24.09 -2.08 -1.73	24.20 -2.28 -1.43	23.69 -2.25 -1.45	23.19 -1.89 -1.73	31.58 -3.07 -0.20	40.50 -4.72 -0.24	40.17 -4.86 -0.45	41.76 -6.24 4.89	39.92 -6.26 5.12	40.19 -5.63 2.70	40.20 -5.30 1.41	33.10 -5.24 5.35	32.46 -4.69 5.10	29.94 -3.96 2.12	28.86 -4.54 6.07	29.50 -4.21 2.30	35.21 -4.63 0.04	39.42 -4.62 -1.25	44.91 -5.29 -0.75	44.24 -5.52 0.00	37.60 -3.67 0.00	35.51 -2.88 0.00	32.85 -2.59 0.00
SYNERGY___BIOGAS 323694	28.59 -1.08 -1.26	25.17 -0.83 -1.56	25.39 -0.95 -1.30	24.82 -0.98 -1.31	24.14 -0.77 -1.56	33.32 -1.31 -0.18	42.99 -2.20 -0.22	42.68 -2.36 -0.47	45.74 -3.07 4.08	43.80 -3.23 4.27	43.50 -2.76 2.25	42.92 -2.81 1.17	36.29 -2.97 4.44	35.51 -2.23 4.26	32.08 -2.23 1.72	31.82 -2.61 5.04	31.79 -2.38 1.84	37.43 -2.47 -0.03	41.65 -2.27 -1.13	47.75 -2.37 -0.68	47.33 -2.44 0.00	39.95 -1.32 0.00	37.46 -0.92 0.00	34.45 -0.99 0.00
SYRACUSE___ENERGY_ST1 323597	29.47 0.14 -0.92	25.70 0.12 -1.14	26.08 0.10 -0.94	25.54 0.10 -0.96	24.63 0.14 -1.14	34.79 0.21 -0.13	45.32 0.18 -0.16	45.47 0.00 -0.90	52.89 0.00 0.00	51.30 0.00 0.00	48.52 0.00 0.00	46.86 -0.05 0.00	43.83 -0.09 -0.23	42.26 0.00 -0.01	36.56 0.00 -0.53	39.71 0.04 -0.19	36.65 0.00 -0.65	40.41 -0.04 -0.58	43.66 0.04 -0.82	49.99 0.05 -0.50	49.72 -0.05 0.00	41.23 -0.04 0.00	38.46 0.08 0.00	35.55 0.11 0.00
SYRACUSE___ENERGY_ST2 323598	29.47 0.14 -0.92	25.70 0.12 -1.14	26.08 0.10 -0.94	25.54 0.10 -0.96	24.63 0.14 -1.14	34.79 0.21 -0.13	45.32 0.18 -0.16	45.47 0.00 -0.90	52.89 0.00 0.00	51.30 0.00 0.00	48.52 0.00 0.00	46.86 -0.05 0.00	43.83 -0.09 -0.23	42.26 0.00 -0.01	36.56 0.00 -0.53	39.71 0.04 -0.19	36.65 0.00 -0.65	40.41 -0.04 -0.58	43.66 0.04 -0.82	49.99 0.05 -0.50	49.72 -0.05 0.00	41.23 -0.04 0.00	38.46 0.08 0.00	35.55 0.11 0.00
SYRACUSE___POWER 24017	29.43 0.06 -0.96	25.68 0.05 -1.19	26.05 0.03 -0.99	25.49 0.00 -1.00	24.61 0.07 -1.19	34.69 0.10 -0.14	45.19 0.04 -0.17	45.65 -0.09 -1.17	53.39 -0.11 -0.61	51.79 -0.15 -0.64	48.76 -0.10 -0.33	46.94 -0.14 -0.17	44.49 -0.17 -0.98	42.77 -0.13 -0.64	36.94 -0.07 -0.99	40.42 -0.08 -1.02	37.14 -0.07 -1.21	40.57 -0.12 -0.81	43.61 -0.04 -0.86	49.92 -0.05 -0.52	49.62 -0.15 0.00	41.19 -0.08 0.00	38.38 0.00 0.00	35.44 0.00 0.00
TALLMAN___138KV_BK151 55660	38.99 1.48 -9.11	36.97 1.27 -11.27	35.63 1.25 -9.34	35.18 1.22 -9.47	35.81 1.19 -11.27	37.42 1.69 -1.28	49.20 2.65 -1.56	56.56 3.08 -8.91	56.59 3.70 0.00	55.00 3.69 0.00	52.01 3.49 0.00	50.42 3.52 0.00	49.35 3.41 -2.25	45.66 3.34 -0.06	44.14 2.85 -5.27	44.45 3.04 -1.93	45.13 2.70 -6.42	48.58 2.95 -5.76	54.14 3.21 -8.15	58.16 3.81 -4.91	53.50 3.73 0.00	44.25 2.97 0.00	40.73 2.34 0.00	37.32 1.88 0.00
TEALLAVE_115KV_TB7 355573	29.21 0.00 -0.80	25.42 0.00 -0.99	25.83 -0.03 -0.82	25.27 -0.05 -0.83	24.36 0.02 -0.99	34.56 0.00 -0.11	45.07 -0.04 -0.14	45.13 -0.22 -0.78	52.57 -0.32 0.00	51.00 -0.31 0.00	48.28 -0.24 0.00	46.62 -0.28 0.00	43.63 -0.26 -0.20	42.05 -0.21 -0.01	36.31 -0.18 -0.46	39.49 -0.16 -0.17	36.39 -0.18 -0.56	40.14 -0.24 -0.50	43.29 -0.21 -0.71	49.68 -0.20 -0.43	49.47 -0.30 0.00	41.07 -0.21 0.00	38.27 -0.12 0.00	35.33 -0.11 0.00
TELGRAPH_34_KV_EAST 80808	27.98 -1.76 -1.33	24.64 -1.44 -1.65	24.80 -1.60 -1.37	24.25 -1.62 -1.38	23.67 -1.33 -1.65	32.47 -2.17 -0.19	41.74 -3.46 -0.23	41.42 -3.61 -0.46	43.64 -4.60 4.65	41.77 -4.67 4.87	41.78 -4.17 2.57	41.58 -3.99 1.34	34.60 -4.02 5.07	33.90 -3.51 4.85	30.96 -3.06 2.00	30.20 -3.51 5.76	30.60 -3.24 2.16	36.34 -3.51 0.02	40.56 -3.42 -1.19	46.36 -3.81 -0.72	45.79 -3.98 0.00	38.76 -2.52 0.00	36.50 -1.88 0.00	33.70 -1.74 0.00
TEMPLE___115KV_TB 2 55572	29.25 0.03 -0.81	25.44 0.00 -1.00	25.85 -0.03 -0.83	25.30 -0.02 -0.84	24.37 0.02 -1.00	34.60 0.03 -0.11	45.07 -0.04 -0.14	45.14 -0.22 -0.79	52.63 -0.26 0.00	51.05 -0.26 0.00	48.32 -0.19 0.00	46.67 -0.23 0.00	43.68 -0.22 -0.20	42.09 -0.17 -0.01	36.35 -0.14 -0.47	39.53 -0.12 -0.17	36.43 -0.14 -0.57	40.18 -0.20 -0.51	43.34 -0.17 -0.72	49.68 -0.20 -0.44	49.47 -0.30 0.00	41.07 -0.21 0.00	38.31 -0.08 0.00	35.37 -0.07 0.00
TIANA____69_KV_BK 1 55817	39.95 1.93 -9.60	37.95 1.64 -11.88	36.39 1.50 -9.84	35.78 1.32 -9.97	36.86 1.63 -11.88	37.94 2.14 -1.35	50.77 4.14 -1.66	57.67 3.70 -9.40	56.97 4.07 -0.01	54.96 3.64 -0.01	51.73 3.20 -0.01	50.34 3.42 -0.01	49.66 3.58 -2.38	50.05 3.47 -4.32	44.43 2.85 -5.56	45.65 3.95 -2.23	45.88 3.10 -6.78	49.42 3.47 -6.08	55.53 4.15 -8.59	59.72 5.09 -5.18	54.25 4.48 -0.01	45.08 3.80 -0.01	42.15 3.76 -0.01	38.50 3.05 -0.01
TILDEN___115KV_TB1 80814	29.43 0.06 -0.96	25.68 0.05 -1.19	26.05 0.03 -0.99	25.49 0.00 -1.00	24.61 0.07 -1.19	34.69 0.10 -0.14	45.19 0.04 -0.17	45.65 -0.09 -1.17	53.39 -0.11 -0.61	51.79 -0.15 -0.64	48.76 -0.10 -0.33	46.94 -0.14 -0.17	44.49 -0.17 -0.98	42.77 -0.13 -0.64	36.94 -0.07 -0.99	40.42 -0.08 -1.02	37.14 -0.07 -1.21	40.57 -0.12 -0.81	43.61 -0.04 -0.86	49.92 -0.05 -0.52	49.62 -0.15 0.00	41.19 -0.08 0.00	38.38 0.00 0.00	35.44 0.00 0.00

TRIGEN___CC 323695	40.09 2.07 -9.61	38.13 1.81 -11.89	36.61 1.73 -9.84	36.05 1.59 -9.97	36.91 1.68 -11.88	38.18 2.38 -1.35	50.33 3.69 -1.66	57.95 3.97 -9.41	57.56 4.65 -0.02	55.89 4.57 -0.02	52.76 4.22 -0.02	51.14 4.22 -0.02	50.14 4.06 -2.39	53.80 3.93 -7.62	45.05 3.46 -5.56	45.60 3.75 -2.37	46.17 3.38 -6.78	49.66 3.71 -6.08	55.37 3.98 -8.60	59.28 4.65 -5.18	54.51 4.73 -0.02	45.13 3.84 -0.02	41.59 3.19 -0.02	38.18 2.73 -0.02
TRINITY___115KV___4 BK 55933	41.01 0.82 -11.77	39.74 0.73 -14.56	37.87 0.75 -12.08	37.46 0.73 -12.24	38.65 0.72 -14.57	37.17 1.07 -1.66	48.39 1.39 -2.02	57.93 1.83 -11.53	55.06 2.17 0.00	53.46 2.15 0.00	50.51 1.99 0.00	48.92 2.02 0.00	48.44 1.84 -2.91	44.15 1.82 -0.08	44.38 1.55 -6.81	43.55 1.58 -2.50	45.78 1.48 -8.30	48.83 1.52 -7.45	54.95 1.63 -10.53	57.62 1.83 -6.34	51.66 1.89 0.00	42.76 1.49 0.00	39.54 1.15 0.00	36.57 1.13 0.00
UNION___PROCESSING_DRP 323587	28.71 -0.80 -1.09	25.15 -0.64 -1.35	25.43 -0.73 -1.12	24.89 -0.73 -1.13	24.12 -0.58 -1.35	33.64 -0.96 -0.15	43.50 -1.66 -0.19	43.25 -1.83 -0.51	47.90 -2.38 2.61	46.16 -2.41 2.73	44.99 -2.09 1.44	44.09 -2.06 0.75	38.77 -2.14 2.78	37.76 -1.77 2.72	33.46 -1.59 0.97	34.44 -1.86 3.18	33.31 -1.69 1.00	38.24 -1.79 -0.16	42.14 -1.63 -0.98	48.25 -1.78 -0.59	47.88 -1.89 0.00	39.95 -1.32 0.00	37.42 -0.96 0.00	34.48 -0.96 0.00
UPPER HUDSON___HYD 24058	42.66 2.05 -12.21	41.25 1.71 -15.10	39.32 1.75 -12.52	38.92 1.74 -12.69	40.19 1.73 -15.11	38.82 2.65 -1.72	50.63 3.55 -2.10	60.30 3.79 -11.95	57.75 4.86 0.00	56.02 4.72 0.00	52.89 4.37 0.00	51.08 4.17 0.00	50.38 3.67 -3.02	45.85 3.51 -0.08	45.97 2.88 -7.06	45.10 3.04 -2.59	47.64 3.02 -8.61	50.98 3.39 -7.72	57.43 3.72 -10.92	60.27 4.25 -6.58	54.15 4.38 0.00	44.74 3.47 0.00	41.22 2.84 0.00	37.78 2.34 0.00
UPPER RAQUET___HYD 24056	27.39 -1.02 0.00	23.53 -0.90 0.00	24.21 -0.83 0.00	23.70 -0.78 0.00	22.46 -0.89 0.00	33.28 -1.17 0.00	43.36 -1.62 0.00	43.10 -1.47 0.00	51.09 -1.80 0.00	49.41 -1.90 0.00	46.68 -1.84 0.00	44.98 -1.93 0.00	41.99 -1.70 0.00	40.44 -1.82 0.00	34.44 -1.58 0.00	37.82 -1.66 0.00	34.49 -1.51 0.00	38.24 -1.64 0.00	41.03 -1.76 0.00	47.37 -2.07 0.00	47.88 -1.89 0.00	39.66 -1.61 0.00	37.00 -1.38 0.00	34.27 -1.17 0.00
VALLEY44_115KV_TB2 355964	27.55 -2.64 -1.78	24.39 -2.25 -2.20	24.44 -2.43 -1.83	23.92 -2.42 -1.85	23.52 -2.03 -2.21	31.46 -3.24 -0.25	40.79 -4.50 -0.31	39.98 -5.45 -0.40	44.11 -5.45 3.33	42.63 -5.18 3.49	41.73 -4.95 1.84	41.08 -4.88 0.95	35.74 -4.33 3.62	34.43 -4.35 3.48	30.78 -3.85 1.39	31.29 -4.07 4.12	31.30 -3.53 1.18	35.94 -4.03 -0.10	40.06 -4.32 -1.59	45.51 -4.90 -0.96	44.94 -4.83 0.00	38.92 -2.35 0.00	36.54 -1.84 0.00	34.09 -1.35 0.00
VALLEY___115KV_TB 1-4 80826	27.10 -1.31 0.00	23.29 -1.15 0.00	23.89 -1.15 0.00	23.36 -1.13 0.00	22.30 -1.05 0.00	33.00 -1.45 0.00	43.22 -1.75 0.00	43.01 -1.56 0.00	51.20 -1.69 0.00	49.76 -1.54 0.00	47.26 -1.26 0.00	45.73 -1.17 0.00	42.56 -1.14 0.00	40.99 -1.27 0.00	34.69 -1.33 0.00	37.90 -1.58 0.00	34.60 -1.40 0.00	38.20 -1.67 0.00	41.03 -1.75 0.00	47.27 -2.18 0.00	47.63 -2.14 0.00	39.50 -1.77 0.00	36.70 -1.69 0.00	33.84 -1.59 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	33.87 1.48 -3.99	30.64 1.27 -4.93	30.41 1.28 -4.09	29.88 1.25 -4.14	29.48 1.19 -4.93	36.80 1.79 -0.56	48.14 2.47 -0.68	51.25 2.76 -3.91	56.44 3.54 0.00	54.69 3.39 0.00	51.72 3.20 0.00	49.77 2.86 0.00	47.43 2.75 -0.99	44.90 2.62 -0.03	40.39 2.05 -2.31	42.45 2.13 -0.85	40.83 2.02 -2.81	44.55 2.15 -2.52	48.84 2.48 -3.57	54.21 2.62 -2.15	52.50 2.74 0.00	43.67 2.39 0.00	40.50 2.11 0.00	37.25 1.81 0.00
VISCHER___FERRY HYD 24020	41.81 1.45 -11.95	40.47 1.25 -14.78	38.55 1.25 -12.26	38.16 1.25 -12.42	39.33 1.19 -14.79	37.96 1.82 -1.68	49.55 2.52 -2.05	59.03 2.76 -11.70	56.23 3.33 0.00	54.49 3.18 0.00	51.48 2.96 0.00	49.81 2.91 0.00	49.31 2.67 -2.95	44.96 2.62 -0.08	45.13 2.20 -6.91	44.34 2.33 -2.54	46.59 2.16 -8.43	49.78 2.35 -7.56	56.05 2.57 -10.69	58.85 2.97 -6.44	52.80 3.04 0.00	43.67 2.39 0.00	40.30 1.92 0.00	37.07 1.63 0.00
V_A_10_SYNC_DSASP 323832	28.10 -1.56 -1.25	24.69 -1.30 -1.55	24.87 -1.45 -1.28	24.34 -1.44 -1.30	23.73 -1.17 -1.55	32.70 -1.93 -0.18	42.09 -3.10 -0.21	41.71 -3.34 -0.48	44.68 -4.39 3.82	42.88 -4.41 4.01	42.52 -3.88 2.11	42.10 -3.71 1.10	35.79 -3.76 4.15	35.01 -3.25 3.99	31.70 -2.74 1.59	31.63 -3.12 4.72	31.40 -2.92 1.69	36.74 -3.19 -0.05	40.83 -3.08 -1.12	46.61 -3.51 -0.67	45.88 -3.88 0.00	38.80 -2.48 0.00	36.39 -2.00 0.00	33.59 -1.84 0.00
V_CMM_10_SYNC_DSASP 323787	28.07 -0.34 0.00	24.12 -0.32 0.00	24.79 -0.25 0.00	24.27 -0.22 0.00	23.02 -0.33 0.00	34.04 -0.41 0.00	44.35 -0.63 0.00	44.04 -0.53 0.00	52.26 -0.63 0.00	50.64 -0.67 0.00	47.89 -0.63 0.00	46.25 -0.66 0.00	43.17 -0.52 0.00	41.62 -0.63 0.00	35.48 -0.54 0.00	38.92 -0.55 0.00	35.47 -0.54 0.00	39.31 -0.56 0.00	42.10 -0.69 0.00	48.65 -0.79 0.00	49.07 -0.70 0.00	40.66 -0.62 0.00	37.93 -0.46 0.00	35.12 -0.32 0.00
V_CMP_10_SYNC_DSASP 323788	27.53 -0.88 0.00	23.68 -0.76 0.00	24.49 -0.55 0.00	24.00 -0.49 0.00	22.67 -0.68 0.00	33.62 -0.83 0.00	43.54 -1.44 0.00	43.14 -1.43 0.00	51.09 -1.80 0.00	49.87 -1.44 0.00	47.11 -1.41 0.00	45.54 -1.36 0.00	42.52 -1.18 0.00	41.03 -1.23 0.00	35.13 -0.90 0.00	38.61 -0.87 0.00	35.18 -0.83 0.00	38.80 -1.07 0.00	41.46 -1.33 0.00	47.86 -1.58 0.00	48.37 -1.39 0.00	40.12 -1.16 0.00	37.50 -0.88 0.00	34.76 -0.67 0.00
V_D_10_SYNC_DSASP 323841	28.15 -0.26 0.00	24.19 -0.24 0.00	24.89 -0.15 0.00	24.37 -0.12 0.00	23.09 -0.26 0.00	34.14 -0.31 0.00	44.49 -0.49 0.00	44.17 -0.40 0.00	52.41 -0.48 0.00	50.79 -0.51 0.00	47.99 -0.53 0.00	46.34 -0.56 0.00	43.26 -0.44 0.00	41.67 -0.59 0.00	35.52 -0.50 0.00	39.00 -0.47 0.00	35.54 -0.47 0.00	39.40 -0.48 0.00	42.19 -0.60 0.00	48.75 -0.69 0.00	49.22 -0.55 0.00	40.78 -0.49 0.00	38.04 -0.35 0.00	35.26 -0.18 0.00
V_E_10_SYNC_DSASP 323830	32.65 1.36 -2.88	29.17 1.17 -3.56	29.20 1.20 -2.95	28.66 1.18 -2.99	28.01 1.10 -3.56	36.64 1.79 -0.41	47.95 2.47 -0.49	51.61 2.67 -4.37	61.27 3.33 -5.04	59.25 2.67 -5.28	53.68 2.38 -2.78	50.22 1.88 -1.44	52.05 1.62 -6.74	49.07 1.52 -5.30	42.08 1.01 -5.05	47.85 1.07 -7.31	43.08 1.33 -5.74	44.56 1.55 -3.13	47.59 2.22 -2.58	53.27 2.28 -1.55	52.20 2.44 0.00	43.54 2.27 0.00	40.57 2.19 0.00	37.35 1.91 0.00
V_F_30_NSYNC___DSASP 323816	42.48 1.93 -12.14	41.09 1.64 -15.01	39.17 1.68 -12.45	38.74 1.64 -12.61	39.98 1.61 -15.02	38.60 2.45 -1.71	50.34 3.28 -2.08	59.97 3.52 -11.88	57.28 4.39 0.00	55.56 4.26 0.00	52.50 3.98 0.00	50.70 3.80 0.00	50.10 3.41 -3.00	45.64 3.30 -0.08	45.78 2.74 -7.02	44.93 2.88 -2.57	47.37 2.81 -8.56	50.66 3.11 -7.68	57.07 3.42 -10.85	59.89 3.91 -6.54	53.75 3.98 0.00	44.45 3.18 0.00	41.00 2.61 0.00	37.64 2.20 0.00

V_F_30_SYNC_DSASP 323786	41.21 0.91 -11.89	39.96 0.81 -14.71	38.07 0.83 -12.20	37.66 0.81 -12.36	38.87 0.79 -14.72	37.29 1.17 -1.67	48.51 1.48 -2.04	58.04 1.83 -11.64	55.11 2.22 0.00	53.51 2.21 0.00	50.61 2.09 0.00	48.97 2.06 0.00	48.51 1.88 -2.94	44.20 1.86 -0.08	44.45 1.55 -6.88	43.62 1.62 -2.52	45.90 1.51 -8.39	49.03 1.63 -7.52	55.18 1.75 -10.64	57.83 1.98 -6.41	51.81 2.04 0.00	42.88 1.61 0.00	39.61 1.23 0.00	36.68 1.24 0.00
V_XM_10_SYNC_DSASP 323789	27.53 -0.88 0.00	23.68 -0.76 0.00	24.49 -0.55 0.00	24.00 -0.49 0.00	22.67 -0.68 0.00	33.62 -0.83 0.00	43.54 -1.44 0.00	43.14 -1.43 0.00	51.09 -1.80 0.00	49.87 -1.44 0.00	47.11 -1.41 0.00	45.54 -1.36 0.00	42.52 -1.18 0.00	41.03 -1.23 0.00	35.13 -0.90 0.00	38.61 -0.87 0.00	35.18 -0.83 0.00	38.80 -1.07 0.00	41.46 -1.33 0.00	47.86 -1.58 0.00	48.37 -1.39 0.00	40.12 -1.16 0.00	37.50 -0.88 0.00	34.76 -0.67 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	39.16 1.56 -9.19	37.13 1.32 -11.37	35.80 1.33 -9.43	35.31 1.27 -9.55	35.96 1.24 -11.38	37.60 1.86 -1.29	49.48 2.92 -1.58	56.89 3.34 -8.97	56.91 4.02 0.00	55.41 4.10 0.00	52.35 3.83 0.00	50.75 3.85 0.00	49.72 3.76 -2.27	45.95 3.63 -0.06	44.39 3.06 -5.30	44.70 3.28 -1.94	45.29 2.81 -6.48	48.75 3.07 -5.81	54.35 3.34 -8.22	58.40 4.01 -4.95	53.65 3.88 0.00	44.37 3.10 0.00	40.84 2.46 0.00	37.42 1.98 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	39.88 1.88 -9.59	37.89 1.59 -11.87	36.46 1.58 -9.84	36.00 1.54 -9.97	36.72 1.49 -11.87	37.90 2.10 -1.35	50.00 3.37 -1.65	57.88 3.92 -9.39	57.60 4.71 0.00	55.92 4.62 0.00	52.89 4.37 0.00	51.36 4.46 0.00	50.35 4.28 -2.37	46.46 4.14 -0.07	45.21 3.64 -5.55	45.38 3.87 -2.04	46.23 3.46 -6.76	49.77 3.83 -6.07	55.43 4.06 -8.58	59.36 4.75 -5.17	54.44 4.68 0.00	44.99 3.71 0.00	41.34 2.96 0.00	37.81 2.37 0.00
W50THST__13_KV_LOAD 356117	39.96 1.96 -9.59	38.01 1.71 -11.87	36.56 1.68 -9.84	36.12 1.67 -9.97	36.83 1.61 -11.87	38.07 2.27 -1.35	50.27 3.64 -1.65	58.15 4.19 -9.39	57.97 5.08 0.00	56.33 5.03 0.00	53.27 4.75 0.00	51.74 4.83 0.00	50.65 4.59 -2.37	46.80 4.48 -0.07	45.50 3.93 -5.55	45.65 4.14 -2.04	46.51 3.74 -6.76	50.05 4.11 -6.07	55.73 4.36 -8.58	59.71 5.09 -5.17	54.79 5.03 0.00	45.24 3.96 0.00	41.57 3.19 0.00	37.99 2.55 0.00
WADING RIVER_IC_1 23522	39.75 1.73 -9.60	37.78 1.47 -11.88	36.21 1.33 -9.84	35.64 1.18 -9.97	36.74 1.52 -11.88	37.69 1.89 -1.35	50.59 3.96 -1.66	57.36 3.39 -9.40	56.50 3.60 -0.01	54.44 3.13 -0.01	51.19 2.67 -0.01	49.82 2.91 -0.01	49.31 3.23 -2.38	49.71 3.13 -4.32	44.14 2.56 -5.56	45.49 3.79 -2.23	45.66 2.88 -6.78	49.18 3.23 -6.08	55.36 3.98 -8.59	59.61 4.99 -5.18	53.90 4.13 -0.01	44.83 3.55 -0.01	42.12 3.72 -0.01	38.39 2.94 -0.01
WADING RIVER_IC_2 23547	39.75 1.73 -9.60	37.78 1.47 -11.88	36.21 1.33 -9.84	35.64 1.18 -9.97	36.74 1.52 -11.88	37.69 1.89 -1.35	50.59 3.96 -1.66	57.36 3.39 -9.40	56.50 3.60 -0.01	54.44 3.13 -0.01	51.19 2.67 -0.01	49.82 2.91 -0.01	49.31 3.23 -2.38	49.71 3.13 -4.32	44.14 2.56 -5.56	45.49 3.79 -2.23	45.66 2.88 -6.78	49.18 3.23 -6.08	55.36 3.98 -8.59	59.61 4.99 -5.18	53.90 4.13 -0.01	44.83 3.55 -0.01	42.12 3.72 -0.01	38.39 2.94 -0.01
WADING RIVER_IC_3 23601	39.75 1.73 -9.60	37.78 1.47 -11.88	36.21 1.33 -9.84	35.64 1.18 -9.97	36.74 1.52 -11.88	37.69 1.89 -1.35	50.59 3.96 -1.66	57.36 3.39 -9.40	56.50 3.60 -0.01	54.44 3.13 -0.01	51.19 2.67 -0.01	49.82 2.91 -0.01	49.31 3.23 -2.38	49.71 3.13 -4.32	44.14 2.56 -5.56	45.49 3.79 -2.23	45.66 2.88 -6.78	49.18 3.23 -6.08	55.36 3.98 -8.59	59.61 4.99 -5.18	53.90 4.13 -0.01	44.83 3.55 -0.01	42.12 3.72 -0.01	38.39 2.94 -0.01
WALDENNY_12_KV_BK2 80841	27.86 -2.05 -1.50	24.56 -1.74 -1.86	24.65 -1.93 -1.54	24.09 -1.96 -1.56	23.64 -1.56 -1.86	32.04 -2.62 -0.21	41.23 -4.00 -0.26	40.89 -4.15 -0.46	43.38 -5.02 4.48	41.63 -4.98 4.70	41.58 -4.46 2.48	41.30 -4.32 1.29	34.65 -4.15 4.89	33.82 -3.76 4.68	30.86 -3.24 1.92	30.24 -3.67 5.56	30.56 -3.38 2.06	36.04 -3.83 0.00	40.32 -3.81 -1.34	45.85 -4.40 -0.81	45.24 -4.53 0.00	38.72 -2.56 0.00	36.54 -1.84 0.00	33.88 -1.56 0.00
WALDEN__HYDRO 24148	39.04 1.42 -9.21	37.05 1.22 -11.40	35.72 1.23 -9.45	35.24 1.18 -9.57	35.90 1.14 -11.40	37.36 1.62 -1.30	49.08 2.52 -1.58	56.48 2.90 -9.02	56.38 3.49 0.00	54.79 3.49 0.00	51.77 3.25 0.00	50.19 3.28 0.00	49.16 3.19 -2.28	45.45 3.13 -0.06	43.98 2.63 -5.33	44.23 2.80 -1.95	45.02 2.52 -6.50	48.49 2.79 -5.83	54.07 3.04 -8.24	58.07 3.66 -4.96	53.30 3.53 0.00	44.12 2.85 0.00	40.61 2.23 0.00	37.28 1.84 0.00
WARRENSBURG____ 23737	42.66 2.05 -12.21	41.25 1.71 -15.10	39.32 1.75 -12.52	38.92 1.74 -12.69	40.19 1.73 -15.11	38.82 2.65 -1.72	50.63 3.55 -2.10	60.31 3.79 -11.95	57.76 4.87 0.00	56.02 4.72 0.00	52.89 4.37 0.00	51.08 4.17 0.00	50.38 3.67 -3.02	45.89 3.55 -0.08	45.96 2.88 -7.06	45.10 3.04 -2.59	47.64 3.02 -8.61	50.98 3.39 -7.72	57.43 3.72 -10.92	60.32 4.30 -6.58	54.15 4.38 0.00	44.78 3.51 0.00	41.22 2.84 0.00	37.78 2.34 0.00
WATERSIDE____6 8 9 23538	37.92 1.99 -7.52	35.67 1.64 -9.59	34.11 1.70 -7.37	36.08 1.62 -9.97	36.79 1.56 -11.88	37.97 2.17 -1.35	50.09 3.46 -1.65	57.93 3.97 -9.39	57.70 4.81 0.00	56.13 4.82 -0.01	53.09 4.56 -0.01	51.51 4.60 -0.01	50.48 4.41 -2.37	46.60 4.27 -0.07	45.33 3.75 -5.56	45.50 3.99 -2.04	46.34 3.56 -6.77	49.88 3.95 -6.06	55.52 4.15 -8.58	58.23 4.85 -3.94	53.46 4.83 1.13	45.11 3.84 0.00	41.46 3.07 0.00	37.92 2.48 0.00
WATKINRD_115KV_LN8_ILLION 55919	26.56 -1.85 0.00	22.82 -1.61 0.00	23.41 -1.63 0.00	22.92 -1.57 0.00	21.86 -1.49 0.00	32.42 -2.03 0.00	42.46 -2.52 0.00	42.34 -2.23 0.00	50.46 -2.43 0.00	49.00 -2.31 0.00	46.63 -1.89 0.00	45.12 -1.78 0.00	41.99 -1.70 0.00	40.40 -1.86 0.00	34.12 -1.91 0.00	37.18 -2.29 0.00	33.99 -2.02 0.00	37.48 -2.39 0.00	40.31 -2.48 0.00	46.38 -3.07 0.00	46.78 -2.99 0.00	38.80 -2.48 0.00	36.04 -2.34 0.00	33.21 -2.23 0.00
WATSON__69_KV_BK 1 55734	40.68 2.67 -9.60	38.59 2.27 -11.88	37.04 2.15 -9.84	36.44 1.98 -9.97	37.37 2.15 -11.88	38.87 3.07 -1.35	51.54 4.90 -1.66	58.87 4.90 -9.40	58.67 5.77 -0.01	56.85 5.54 -0.01	53.62 5.09 -0.01	52.12 5.21 -0.01	51.10 5.02 -2.38	51.66 4.90 -4.50	45.65 4.07 -5.56	46.44 4.74 -2.23	46.89 4.10 -6.78	50.50 4.55 -6.08	56.52 5.13 -8.59	60.66 6.03 -5.18	55.65 5.87 -0.01	46.28 4.99 -0.01	42.73 4.34 -0.01	39.06 3.61 -0.01
WDELAWARE__HYD 323627	38.40 1.31 -8.68	36.32 1.15 -10.74	35.07 1.13 -8.90	34.59 1.08 -9.02	35.14 1.05 -10.74	37.12 1.45 -1.22	48.76 2.29 -1.49	55.65 2.58 -8.50	56.12 3.23 0.00	54.64 3.33 0.00	51.53 3.01 0.00	49.86 2.96 0.00	48.72 2.88 -2.15	45.15 2.83 -0.06	43.31 2.27 -5.02	43.68 2.37 -1.84	44.32 2.20 -6.12	47.83 2.47 -5.49	53.29 2.74 -7.76	57.53 3.41 -4.67	52.95 3.19 0.00	43.79 2.52 0.00	40.42 2.03 0.00	37.21 1.77 0.00

WEST BABYLON___IC 23714	40.54 2.53 -9.61	38.47 2.15 -11.88	36.94 2.05 -9.84	36.32 1.86 -9.97	37.23 2.01 -11.88	38.66 2.86 -1.35	51.18 4.54 -1.66	58.61 4.64 -9.40	58.35 5.45 -0.01	56.55 5.23 -0.01	53.38 4.85 -0.01	51.79 4.88 -0.01	50.79 4.72 -2.38	51.65 4.61 -4.79	45.47 3.89 -5.56	46.14 4.42 -2.25	46.67 3.89 -6.78	50.26 4.31 -6.08	56.17 4.79 -8.59	60.26 5.64 -5.18	55.35 5.57 -0.01	45.95 4.66 -0.01	42.42 4.03 -0.01	38.82 3.37 -0.01
WEST CANADA___HYD 24049	28.58 0.17 0.00	24.58 0.15 0.00	25.17 0.13 0.00	24.61 0.12 0.00	23.49 0.14 0.00	34.66 0.21 0.00	45.30 0.32 0.00	44.93 0.35 0.00	53.31 0.42 0.00	51.71 0.41 0.00	48.91 0.39 0.00	47.28 0.37 0.00	44.04 0.35 0.00	42.64 0.38 0.00	36.31 0.29 0.00	39.75 0.28 0.00	36.29 0.29 0.00	40.15 0.28 0.00	43.13 0.34 0.00	49.79 0.35 0.00	50.16 0.40 0.00	41.56 0.29 0.00	38.62 0.23 0.00	35.62 0.18 0.00
WESTERN_NY_WIND 24143	28.55 -1.14 -1.28	25.14 -0.88 -1.58	25.35 -1.00 -1.31	24.79 -1.03 -1.33	24.14 -0.79 -1.59	33.25 -1.38 -0.18	42.86 -2.34 -0.22	42.59 -2.45 -0.47	45.55 -3.12 4.22	43.55 -3.33 4.42	43.28 -2.91 2.33	42.78 -2.91 1.21	36.09 -3.01 4.59	35.32 -2.54 4.40	31.93 -2.31 1.79	31.57 -2.68 5.22	31.64 -2.45 1.92	37.34 -2.55 -0.02	41.58 -2.35 -1.15	47.71 -2.42 -0.69	47.23 -2.54 0.00	39.75 -1.53 0.00	37.42 -0.96 0.00	34.45 -0.99 0.00
WESTOVER___LESR 323668	31.32 -0.09 -3.00	28.07 -0.07 -3.71	27.99 -0.13 -3.08	27.48 -0.12 -3.12	27.02 -0.05 -3.71	34.77 -0.10 -0.42	45.36 -0.13 -0.52	47.24 -0.09 -2.76	52.98 -0.11 -0.20	51.41 -0.10 -0.21	48.48 -0.15 -0.11	46.78 -0.19 -0.06	44.44 -0.17 -0.92	42.36 -0.13 -0.23	37.64 -0.11 -1.73	40.20 -0.12 -0.85	37.13 -0.22 -1.34	41.13 -0.24 -1.50	45.34 -0.13 -2.68	50.96 -0.10 -1.62	49.57 -0.20 0.00	41.40 0.12 0.00	38.54 0.15 0.00	35.62 0.18 0.00
WETHRSFD_WT_PWR 323626	27.73 -2.53 -1.85	24.57 -2.15 -2.29	24.63 -2.30 -1.90	24.18 -2.23 -1.92	23.72 -1.91 -2.29	31.82 -2.89 -0.26	41.11 -4.18 -0.32	40.35 -4.24 -0.02	26.44 -5.29 21.16	23.85 -5.28 22.17	31.80 -5.00 11.72	35.91 -4.88 6.11	15.40 -4.67 23.62	15.67 -4.48 22.11	21.87 -3.82 10.33	8.57 -4.22 26.68	20.41 -4.00 11.60	33.99 -4.34 1.53	40.16 -4.28 -1.65	45.70 -4.75 -1.00	45.14 -4.63 0.00	38.30 -2.97 0.00	36.16 -2.23 0.00	33.59 -1.84 0.00
WHAVSTOR_138KV_BK127 55557	39.10 1.48 -9.21	37.10 1.27 -11.39	35.76 1.28 -9.45	35.28 1.22 -9.57	35.94 1.19 -11.40	37.43 1.69 -1.30	49.26 2.70 -1.58	56.70 3.12 -9.01	56.59 3.70 0.00	55.00 3.69 0.00	52.01 3.49 0.00	50.42 3.52 0.00	49.38 3.41 -2.28	45.66 3.34 -0.06	44.20 2.85 -5.32	44.51 3.08 -1.95	45.23 2.74 -6.49	48.69 2.99 -5.82	54.28 3.25 -8.24	58.26 3.86 -4.96	53.50 3.73 0.00	44.25 2.97 0.00	40.76 2.38 0.00	37.32 1.88 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	39.10 1.48 -9.21	37.10 1.27 -11.39	35.76 1.28 -9.45	35.28 1.22 -9.57	35.94 1.19 -11.40	37.43 1.69 -1.30	49.26 2.70 -1.58	56.70 3.12 -9.01	56.59 3.70 0.00	55.00 3.69 0.00	52.01 3.49 0.00	50.42 3.52 0.00	49.38 3.41 -2.28	45.66 3.34 -0.06	44.20 2.85 -5.32	44.51 3.08 -1.95	45.23 2.74 -6.49	48.69 2.99 -5.82	54.28 3.25 -8.24	58.26 3.86 -4.96	53.50 3.73 0.00	44.25 2.97 0.00	40.76 2.38 0.00	37.32 1.88 0.00
WHITEHAL_115KV_TB1 80871	43.02 2.41 -12.19	41.55 2.03 -15.08	39.63 2.08 -12.51	39.19 2.03 -12.67	40.47 2.03 -15.09	39.33 3.17 -1.72	51.30 4.23 -2.09	60.91 4.41 -11.93	58.55 5.66 0.00	56.74 5.44 0.00	53.52 5.00 0.00	51.64 4.74 0.00	50.86 4.15 -3.01	46.31 3.97 -0.08	46.32 3.24 -7.05	45.49 3.43 -2.59	48.06 3.46 -8.60	51.49 3.91 -7.71	58.10 4.41 -10.90	61.06 5.04 -6.57	54.94 5.18 0.00	45.40 4.13 0.00	41.76 3.38 0.00	38.20 2.76 0.00
WHITEPLN_13_KV_LOAD 356215	39.91 1.93 -9.57	37.94 1.66 -11.84	36.54 1.68 -9.82	36.05 1.62 -9.95	36.79 1.59 -11.85	38.04 2.24 -1.35	50.22 3.60 -1.64	58.04 4.10 -9.37	57.86 4.97 0.00	56.18 4.87 0.00	53.18 4.66 0.00	51.60 4.69 0.00	50.52 4.46 -2.37	46.63 4.31 -0.07	45.27 3.71 -5.54	45.49 3.99 -2.03	46.32 3.56 -6.75	49.79 3.87 -6.05	55.59 4.24 -8.56	59.65 5.04 -5.16	54.74 4.98 0.00	45.20 3.92 0.00	41.53 3.15 0.00	37.92 2.48 0.00
WM_FLOYD_69_KV_BK2 356380	39.97 1.96 -9.60	37.98 1.66 -11.88	36.41 1.53 -9.84	35.83 1.37 -9.97	36.88 1.66 -11.88	37.97 2.17 -1.35	50.73 4.09 -1.66	57.67 3.70 -9.40	57.03 4.13 -0.01	55.11 3.80 -0.01	51.92 3.40 -0.01	50.48 3.56 -0.01	49.74 3.67 -2.38	50.14 3.55 -4.33	44.50 2.92 -5.56	45.65 3.95 -2.23	45.95 3.17 -6.78	49.46 3.51 -6.08	55.57 4.19 -8.59	59.67 5.04 -5.18	54.35 4.58 -0.01	45.20 3.92 -0.01	42.15 3.76 -0.01	38.50 3.05 -0.01
WOODARD___115KV_TB2 355635	29.19 -0.03 -0.81	25.42 -0.02 -1.01	25.82 -0.05 -0.83	25.28 -0.05 -0.85	24.36 0.00 -1.01	34.53 -0.03 -0.11	45.03 -0.09 -0.14	45.05 -0.31 -0.80	52.52 -0.37 0.00	50.94 -0.36 0.00	48.18 -0.34 0.00	46.58 -0.33 0.00	43.55 -0.35 -0.20	41.97 -0.30 -0.01	36.28 -0.22 -0.47	39.41 -0.24 -0.17	36.36 -0.22 -0.57	40.11 -0.28 -0.51	43.26 -0.26 -0.73	49.64 -0.25 -0.44	49.42 -0.35 0.00	40.99 -0.29 0.00	38.23 -0.15 0.00	35.30 -0.14 0.00
YORK___WARBASSE 23770	54.55 2.22 -23.93	53.88 1.83 -27.61	53.88 1.88 -26.96	36.27 1.81 -9.97	36.98 1.75 -11.88	38.21 2.41 -1.35	53.96 3.78 -5.20	58.25 4.28 -9.40	59.05 5.18 -0.98	59.26 5.18 -2.77	58.69 4.90 -5.27	57.52 4.97 -5.65	58.60 4.72 -10.19	56.18 4.61 -9.32	58.01 4.00 -17.99	56.22 4.30 -12.44	58.10 3.85 -18.24	89.13 4.23 -45.03	58.60 4.49 -11.32	97.02 5.19 -42.39	97.01 5.18 -42.07	58.55 4.13 -13.14	55.62 3.38 -13.86	54.57 2.76 -16.37