

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

01/08/2025

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
59TH STREET_GT_1	138.25	105.96	105.53	88.97	70.84	129.73	133.88	117.54	132.34	76.28	138.70	145.07	126.65	124.65	143.54	159.71	158.74	203.93	296.78	226.70	176.46	167.22	129.74	87.27
24138	-1.80	-0.94	1.62	0.43	2.69	10.86	11.59	10.52	8.77	3.74	2.51	0.83	6.39	2.89	3.07	5.43	5.86	6.72	2.71	2.70	7.06	11.86	1.24	2.22
	-161.47	-118.24	-84.77	-83.51	-38.31	0.00	0.00	-2.38	-42.81	-39.59	-114.25	-136.84	-63.60	-97.49	-113.86	-107.71	-100.35	-137.17	-269.28	-199.68	-103.81	-44.17	-117.00	-65.06
74TH STREET_GT_1	138.25	105.96	105.57	88.99	70.89	130.01	134.35	117.95	132.43	76.38	138.79	145.12	126.74	124.69	143.64	159.75	158.90	204.06	296.89	226.78	176.67	167.45	129.81	87.32
24260	-1.83	-0.96	1.64	0.43	2.74	11.14	12.06	10.94	9.01	3.82	2.56	0.84	6.45	2.90	3.13	5.44	5.99	6.82	2.74	2.72	7.24	12.07	1.28	2.26
	-161.50	-118.26	-84.78	-83.52	-38.31	0.00	0.00	-2.38	-42.66	-39.60	-114.29	-136.88	-63.62	-97.52	-113.90	-107.74	-100.37	-137.22	-269.36	-199.73	-103.84	-44.18	-117.02	-65.08
74TH STREET_GT_2	138.25	105.96	105.57	88.99	70.89	130.01	134.35	117.95	132.43	76.38	138.79	145.12	126.74	124.69	143.64	159.75	158.90	204.06	296.89	226.78	176.67	167.45	129.81	87.32
24261	-1.83	-0.96	1.64	0.43	2.74	11.14	12.06	10.94	9.01	3.82	2.56	0.84	6.45	2.90	3.13	5.44	5.99	6.82	2.74	2.72	7.24	12.07	1.28	2.26
	-161.50	-118.26	-84.78	-83.52	-38.31	0.00	0.00	-2.38	-42.66	-39.60	-114.29	-136.88	-63.62	-97.52	-113.90	-107.74	-100.37	-137.22	-269.36	-199.73	-103.84	-44.18	-117.02	-65.08
ADK HUDSON___FALLS	195.45	147.67	134.46	117.97	83.29	126.85	131.14	123.42	107.85	33.62	18.16	1.64	56.85	21.37	23.42	45.51	57.03	58.80	20.54	57.33	75.78	129.48	143.13	44.69
24011	-1.03	-0.55	0.93	0.24	1.76	7.98	8.85	8.01	6.24	2.44	1.35	0.38	3.05	1.47	1.93	3.77	4.27	4.93	2.06	1.97	5.18	8.16	0.77	1.34
	-217.90	-159.56	-114.39	-112.69	-51.69	0.00	0.00	-10.77	-20.84	1.78	5.13	6.14	2.86	4.38	5.11	4.83	-0.23	6.16	6.31	-31.04	-5.02	-10.12	-130.86	-23.37
ADK RESOURCE___RCVRY	195.56	147.75	134.60	118.06	83.45	127.57	132.03	124.29	108.59	33.81	18.10	1.50	56.96	21.37	23.45	45.78	57.29	59.03	20.42	57.42	76.13	130.15	143.27	44.75
23798	-1.07	-0.58	0.98	0.25	1.89	8.70	9.74	8.84	6.90	2.68	1.42	0.40	3.22	1.58	2.09	4.16	4.64	5.32	2.22	2.13	5.63	8.87	0.84	1.44
	-218.05	-159.67	-114.47	-112.77	-51.73	0.00	0.00	-10.82	-20.93	1.82	5.26	6.30	2.93	4.49	5.24	4.96	-0.12	6.32	6.60	-30.96	-4.91	-10.09	-130.92	-23.34
ADK S GLENS___FALLS	195.45	147.67	134.46	117.97	83.29	126.85	131.14	123.42	107.85	33.62	18.16	1.64	56.85	21.37	23.42	45.51	57.03	58.80	20.54	57.33	75.78	129.48	143.13	44.69
24028	-1.03	-0.55	0.93	0.24	1.76	7.98	8.85	8.01	6.24	2.44	1.35	0.38	3.05	1.47	1.93	3.77	4.27	4.93	2.06	1.97	5.18	8.16	0.77	1.34
	-217.90	-159.56	-114.39	-112.69	-51.69	0.00	0.00	-10.77	-20.84	1.78	5.13	6.14	2.86	4.38	5.11	4.83	-0.23	6.16	6.31	-31.04	-5.02	-10.12	-130.86	-23.37
ADK_NYS___DAM	187.39	141.79	130.25	113.81	81.40	126.65	130.18	119.78	107.23	37.40	29.56	15.23	63.16	31.07	34.70	56.08	66.13	71.91	45.55	68.34	84.98	132.66	140.26	48.47
23527	-1.05	-0.55	0.94	0.24	1.78	7.78	7.89	6.96	5.53	2.30	1.41	0.38	3.04	1.50	1.91	3.65	3.92	4.42	1.84	1.84	5.10	8.25	0.83	1.48
	-209.86	-153.68	-110.18	-108.54	-49.79	0.00	0.00	-8.19	-20.94	-2.15	-6.21	-7.44	-3.46	-5.30	-6.19	-5.86	-9.68	-7.46	-18.92	-42.17	-14.29	-13.21	-127.92	-27.02
AIR_PRODUCTS___DRP	188.93	142.83	130.53	114.33	81.06	123.85	127.32	115.10	95.32	31.26	13.66	-3.41	53.76	17.38	18.40	39.70	51.21	51.28	7.23	36.85	69.24	123.67	138.02	41.79
24190	-0.67	-0.36	0.61	0.16	1.16	4.98	5.03	4.36	3.51	1.53	1.00	0.30	2.27	1.02	1.04	1.87	2.11	2.40	0.97	0.96	2.45	4.01	0.52	0.93
	-211.02	-154.53	-110.78	-109.13	-50.06	0.00	0.00	-6.11	-11.05	3.22	9.28	11.11	5.17	7.92	9.25	8.75	3.44	11.14	18.53	-11.57	-1.21	-8.46	-125.99	-20.89
AKWESSNE_115KV_BK	-20.77	-20.03	-20.58	1.23	28.99	116.78	119.35	95.35	54.58	31.64	30.24	7.14	55.12	18.57	5.06	31.03	47.56	48.84	-6.97	8.76	63.91	108.89	1.52	-2.05
355683	1.51	1.01	-1.69	-0.40	-0.76	-2.09	-2.94	-2.61	-2.74	-1.31	-0.96	-0.26	-1.54	-0.87	-1.01	-1.73	-1.96	-2.21	-0.99	-0.81	-1.68	-2.31	-0.35	-0.64
	0.85	9.69	38.03	3.41	0.08	0.00	0.00	6.67	23.44	0.00	-9.26	0.00	0.00	4.83	20.54	13.82	3.01	8.98	30.78	14.75	0.00	0.00	9.63	21.39
ALBANY_1_SOLAR	183.96	139.23	128.27	111.95	80.28	125.29	128.92	115.18	94.57	33.50	19.52	3.45	57.03	22.26	24.20	45.67	56.84	59.21	20.46	43.29	74.79	126.55	136.26	43.77
323833	-0.91	-0.49	0.83	0.22	1.51	6.42	6.63	5.56	4.29	1.78	1.12	0.29	2.34	1.01	1.12	2.43	2.97	3.44	1.32	1.28	3.34	5.37	0.64	1.13
	-206.29	-151.06	-108.30	-106.69	-48.94	0.00	0.00	-4.99	-9.52	1.23	3.54	4.24	1.97	3.02	3.53	3.34	-1.33	4.25	5.66	-17.69	-5.87	-9.99	-124.11	-22.66
ALBANY_2_SOLAR	184.00	139.25	128.28	111.95	80.28	125.26	128.88	115.14	94.55	33.47	19.45	3.37	56.97	22.20	24.13	45.58	56.77	59.10	20.29	43.18	74.73	126.48	136.26	43.74
323834	-0.90	-0.49	0.83	0.21	1.50	6.38	6.59	5.51	4.29	1.77	1.12	0.29	2.31	1.00	1.12	2.41	2.96	3.40	1.31	1.28	3.33	5.31	0.64	1.13
	-206.32	-151.08	-108.31	-106.70	-48.95	0.00	0.00	-4.99	-9.51	1.25	3.61	4.32	2.01	3.08	3.60	3.40	-1.28	4.33	5.81	-17.58	-5.81	-9.97	-124.11	-22.64
ALBANY___1	188.93	142.83	130.53	114.33	81.06	123.85	127.32	115.10	95.32	31.26	13.66	-3.41	53.76	17.38	18.40	39.70	51.21	51.28	7.23	36.85	69.24	123.67	138.02	41.79
23571	-0.67	-0.36	0.61	0.16	1.16	4.98	5.03	4.36	3.51	1.53	1.00	0.30	2.27	1.02	1.04	1.87	2.11	2.40	0.97	0.96	2.45	4.01	0.52	0.93
	-211.02	-154.53	-110.78	-109.13	-50.06	0.00	0.00	-6.11	-11.05	3.22	9.28	11.11	5.17	7.92	9.25	8.75	3.44	11.14	18.53	-11.57	-1.21	-8.46	-125.99	-20.89

ALBANY___2 23572	188.93 -0.67 -211.02	142.83 -0.36 -154.53	130.53 0.61 -110.78	114.33 0.16 -109.13	81.06 1.16 -50.06	123.85 4.98 0.00	127.32 5.03 0.00	115.10 4.36 -6.11	95.32 3.51 -11.05	31.26 1.53 3.22	13.66 1.00 9.28	-3.41 0.30 11.11	53.76 2.27 5.17	17.38 1.02 7.92	18.40 1.04 9.25	39.70 1.87 8.75	51.21 2.11 3.44	51.28 2.40 11.14	7.23 0.97 18.53	36.85 0.96 -11.57	69.24 2.45 -1.21	123.67 4.01 -8.46	138.02 0.52 -125.99	41.79 0.93 -20.89
ALBANY___3 23573	188.93 -0.67 -211.02	142.83 -0.36 -154.53	130.53 0.61 -110.78	114.33 0.16 -109.13	81.06 1.16 -50.06	123.85 4.98 0.00	127.32 5.03 0.00	115.10 4.36 -6.11	95.32 3.51 -11.05	31.26 1.53 3.22	13.66 1.00 9.28	-3.41 0.30 11.11	53.76 2.27 5.17	17.38 1.02 7.92	18.40 1.04 9.25	39.70 1.87 8.75	51.21 2.11 3.44	51.28 2.40 11.14	7.23 0.97 18.53	36.85 0.96 -11.57	69.24 2.45 -1.21	123.67 4.01 -8.46	138.02 0.52 -125.99	41.79 0.93 -20.89
ALBANY___4 23574	188.93 -0.67 -211.02	142.83 -0.36 -154.53	130.53 0.61 -110.78	114.33 0.16 -109.13	81.06 1.16 -50.06	123.85 4.98 0.00	127.32 5.03 0.00	115.10 4.36 -6.11	95.32 3.51 -11.05	31.26 1.53 3.22	13.66 1.00 9.28	-3.41 0.30 11.11	53.76 2.27 5.17	17.38 1.02 7.92	18.40 1.04 9.25	39.70 1.87 8.75	51.21 2.11 3.44	51.28 2.40 11.14	7.23 0.97 18.53	36.85 0.96 -11.57	69.24 2.45 -1.21	123.67 4.01 -8.46	138.02 0.52 -125.99	41.79 0.93 -20.89
ALBANY___LFGE 323615	190.88 -0.83 -213.13	144.29 -0.44 -156.07	131.77 0.75 -111.89	115.46 0.20 -110.22	81.77 1.38 -50.56	124.73 5.86 0.00	128.33 6.05 0.00	117.50 5.27 -7.60	99.21 4.20 -14.25	32.22 1.81 2.54	15.80 1.20 7.33	-1.01 0.37 8.78	55.34 2.75 4.08	19.26 1.24 6.26	20.63 1.34 7.31	42.10 2.44 6.91	53.53 2.75 1.74	54.36 3.14 8.81	12.89 1.27 13.17	44.36 1.25 -18.78	71.76 3.23 -2.94	125.58 5.21 -9.18	139.71 0.61 -127.60	42.98 1.09 -21.92
ALCOA_PA_115KV_PL-6C 55860	-17.86 1.51 -2.05	-17.66 0.97 7.28	-17.82 -1.62 35.33	2.84 -0.38 1.82	29.77 -0.67 -0.60	116.97 -1.90 0.00	118.73 -3.56 0.00	95.33 -2.84 6.46	54.96 -3.12 22.68	31.47 -1.48 0.00	37.31 -1.12 -16.49	7.15 -0.26 0.00	55.24 -1.42 0.00	18.81 -0.79 4.68	4.35 -0.98 21.28	30.64 -1.67 14.27	47.17 -2.26 3.10	48.13 -2.56 9.34	-8.03 -1.14 31.69	7.86 -0.96 15.50	63.63 -1.96 0.00	109.08 -2.12 0.00	1.38 -0.39 9.73	-2.73 -0.72 21.99
ALCOA_RYNLDS___DRP 24188	-17.86 1.51 -2.05	-17.66 0.97 7.28	-17.82 -1.62 35.33	2.84 -0.38 1.82	29.77 -0.67 -0.60	116.97 -1.90 0.00	118.73 -3.56 0.00	95.33 -2.84 6.46	54.96 -3.12 22.68	31.47 -1.48 0.00	37.31 -1.12 -16.49	7.15 -0.26 0.00	55.24 -1.42 0.00	18.81 -0.79 4.68	4.35 -0.98 21.28	30.64 -1.67 14.27	47.17 -2.26 3.10	48.13 -2.56 9.34	-8.03 -1.14 31.69	7.86 -0.96 15.50	63.63 -1.96 0.00	109.08 -2.12 0.00	1.38 -0.39 9.73	-2.73 -0.72 21.99
ALCOA___DSASP 323711	-17.87 1.51 -2.05	-17.66 0.97 7.28	-17.82 -1.62 35.33	2.84 -0.38 1.82	29.77 -0.67 -0.60	116.97 -1.90 0.00	118.73 -3.56 0.00	95.33 -2.84 6.46	54.95 -3.13 22.68	31.47 -1.48 0.00	37.31 -1.12 -16.49	7.15 -0.26 0.00	55.24 -1.42 0.00	18.81 -0.79 4.68	4.35 -0.98 21.28	30.64 -1.67 14.27	47.14 -2.29 3.10	48.14 -2.54 9.34	-8.03 -1.14 31.69	7.86 -0.96 15.50	63.62 -1.97 0.00	109.08 -2.11 0.00	1.38 -0.39 9.73	-2.73 -0.72 21.99
ALLEGHENY___COGEN 23514	9.31 0.40 -30.33	11.02 0.14 -22.21	34.81 -0.25 -15.92	20.65 -0.07 -15.69	36.86 -0.17 -7.20	118.24 -0.62 0.00	122.57 0.28 0.00	105.08 -0.02 -0.47	82.78 0.44 -1.58	35.09 0.27 -1.86	27.71 0.41 -5.36	14.01 0.18 -6.43	59.56 -0.09 -2.99	29.10 0.25 -4.58	32.05 0.10 -5.34	52.56 0.93 -5.06	59.71 1.99 -5.18	69.19 2.73 -6.43	38.69 1.08 -12.82	36.51 0.75 -11.43	72.94 1.51 -5.84	115.67 1.18 -3.29	30.81 0.09 -19.21	25.78 0.10 -5.70
ALTAMONT_115KV_TB 2 55880	188.66 -0.66 -210.74	142.63 -0.35 -154.32	130.37 0.60 -110.63	114.18 0.16 -108.99	80.94 1.11 -50.00	123.59 4.72 0.00	127.22 4.93 0.00	114.20 4.31 -5.26	93.18 3.48 -8.94	29.99 1.49 4.45	10.07 0.97 12.84	-7.68 0.29 15.38	51.74 2.22 7.15	14.35 1.03 10.96	14.96 1.16 12.80	36.59 2.12 12.11	48.47 2.40 6.47	47.34 2.73 15.42	-1.42 1.11 27.33	28.95 1.10 -3.53	66.63 2.86 1.83	123.09 4.55 -7.34	137.23 0.51 -125.22	40.30 0.91 -19.42
ALTONA_WT_PWR 323606	-20.73 1.55 0.86	-19.88 1.20 9.74	-20.92 -1.86 38.21	1.12 -0.50 3.43	28.36 -1.39 0.08	114.37 -4.50 0.00	57.98 -5.76 58.55	38.92 -5.04 60.67	-12.06 -4.37 88.46	21.99 -1.91 9.06	-0.06 -1.39 20.60	-17.79 -0.43 24.77	-11.09 -2.85 64.91	8.15 -1.39 14.73	4.64 -1.53 20.43	-16.45 -2.71 60.32	-23.08 -3.03 72.59	-21.78 -3.32 78.49	-21.41 -1.45 44.75	-21.04 -1.34 44.02	-7.01 -3.06 69.54	-23.89 -4.63 130.46	-10.62 -0.64 21.49	-3.23 -1.03 22.18
AMERICAN_REF_FUEL 24010	8.51 2.93 -27.00	9.82 1.40 -19.77	30.95 -2.37 -14.17	18.38 -0.62 -13.96	33.01 -3.23 -6.40	105.49 -13.38 0.00	108.52 -13.76 0.00	92.11 -12.93 -0.41	72.25 -9.90 -1.39	30.72 -3.88 -1.65	24.73 -1.96 -4.75	12.59 -0.52 -5.70	54.67 -4.64 -2.65	26.55 -1.78 -4.05	29.45 -1.88 -4.73	47.77 -3.29 -4.48	53.62 -3.50 -4.59	60.00 -4.33 -4.30	34.10 -2.02 -11.32	32.12 -2.30 -10.10	64.41 -6.35 -5.17	102.53 -11.58 -2.92	27.39 -1.17 -17.06	23.01 -2.03 -5.05
ARKWRIGHT___SUMMIT_WT_PWR 323751	10.76 2.13 -30.05	11.56 0.90 -22.01	33.46 -1.45 -15.77	20.15 -0.43 -15.54	34.93 -2.03 -7.13	110.02 -8.84 0.00	113.22 -9.07 0.00	96.50 -8.60 -0.46	76.49 -5.83 -1.56	32.71 -2.08 -1.84	26.39 -0.86 -5.31	13.61 -0.17 -6.38	57.36 -2.27 -2.96	28.14 -0.67 -4.54	31.25 -0.65 -5.29	50.72 -0.87 -5.02	56.82 -0.84 -5.13	63.22 -1.45 -4.65	36.61 -0.86 -12.67	34.38 -1.25 -11.30	68.09 -3.27 -5.78	108.13 -6.32 -3.26	29.92 -0.60 -19.01	24.55 -1.07 -5.64
ARTHUR KILL_GT_1 23520	138.28 -1.80 -161.50	107.73 -0.97 -120.03	105.62 1.69 -84.79	96.26 0.47 -90.76	97.49 2.84 -64.82	129.56 10.68 -0.01	134.17 11.77 -0.12	120.43 10.57 -5.22	129.36 8.70 -39.90	119.13 3.78 -82.40	124.46 2.45 -100.06	129.74 0.82 -121.52	122.18 6.05 -59.46	119.33 2.75 -92.30	127.60 2.96 -98.04	135.98 5.22 -84.19	147.95 5.48 -89.94	194.21 6.49 -127.69	286.45 2.66 -259.00	218.95 2.69 -191.94	165.50 6.78 -93.12	154.62 11.72 -31.70	126.83 1.27 -114.05	87.31 2.25 -65.08
ARTHUR_KILL_2 23512	138.34 -1.73 -161.50	107.76 -0.93 -120.03	105.55 1.62 -84.79	96.25 0.45 -90.76	97.39 2.74 -64.82	129.19 10.31 -0.01	133.74 11.33 -0.12	120.07 10.21 -5.22	129.06 8.41 -39.90	119.02 3.66 -82.40	124.39 2.39 -100.06	129.71 0.79 -121.52	122.01 5.88 -59.46	119.26 2.68 -92.30	127.52 2.88 -98.04	135.82 5.05 -84.19	147.74 5.27 -89.94	193.97 6.25 -127.69	286.35 2.55 -259.00	218.85 2.59 -191.94	165.23 6.52 -93.12	154.21 11.31 -31.70	126.79 1.23 -114.05	87.24 2.17 -65.08
ARTHUR_KILL_3 23513	138.52 -1.54 -161.49	107.87 -0.82 -120.03	105.32 1.41 -84.78	96.15 0.37 -90.75	97.52 2.36 -65.33	128.48 9.60 -0.01	132.80 10.39 -0.12	119.49 9.49 -5.37	132.59 7.84 -43.99	119.15 3.34 -82.85	138.45 2.22 -114.29	144.99 0.73 -136.86	131.54 5.66 -69.22	130.12 2.52 -103.32	144.47 2.65 -115.22	157.91 4.65 -106.68	155.26 4.96 -97.77	195.74 5.70 -130.01	234.57 2.29 -207.48	222.26 2.33 -195.61	173.23 6.06 -101.58	161.69 10.30 -40.18	129.21 1.10 -116.60	87.03 1.98 -65.07

ARTHUR_KILL_COGEN 323718	138.28 -1.80 -161.50	107.73 -0.97 -120.03	105.62 1.69 -84.79	96.26 0.47 -90.76	97.49 2.84 -64.82	129.56 10.68 -0.01	134.17 11.77 -0.12	120.43 10.57 -5.22	129.36 8.70 -39.90	119.13 3.78 -82.40	124.46 2.45 -100.06	129.74 0.82 -121.52	122.18 6.05 -59.46	119.33 2.75 -92.30	127.60 2.96 -98.04	135.98 5.22 -84.19	147.95 5.48 -89.94	194.21 6.49 -127.69	286.45 2.66 -259.00	218.95 2.69 -191.94	165.50 6.78 -93.12	154.62 11.72 -31.70	126.83 1.27 -114.05	87.31 2.25 -65.08
ASHOKAN____ 23654	164.13 -1.90 -187.45	124.93 -0.99 -137.26	119.21 1.67 -98.40	102.43 0.45 -96.94	77.39 3.09 -44.47	132.09 13.22 0.00	136.79 14.50 0.00	121.56 12.75 -4.18	103.38 9.90 -12.72	49.85 4.22 -12.67	61.18 2.66 -36.58	52.05 0.83 -43.81	82.85 5.83 -20.36	58.16 2.67 -31.21	66.21 3.13 -36.47	87.20 6.13 -34.49	95.01 7.48 -34.99	112.90 8.95 -43.93	116.36 3.51 -88.05	107.44 3.41 -79.71	113.57 8.90 -39.08	146.36 13.72 -21.44	132.44 1.41 -119.52	59.15 2.48 -36.69
ASTORIA_EAST_ENERGY_CC1 323581	138.38 -1.69 -161.50	106.04 -0.88 -118.26	105.44 1.51 -84.78	88.96 0.40 -83.52	70.67 2.52 -38.31	128.83 9.97 0.00	133.53 11.24 0.00	117.41 10.39 -2.38	131.94 8.52 -42.66	76.07 3.50 -39.60	138.52 2.29 -114.29	145.06 0.78 -136.88	126.17 5.88 -63.63	124.45 2.65 -97.53	143.30 2.79 -113.90	159.16 4.85 -107.74	158.07 5.16 -100.37	203.27 6.03 -137.22	296.60 2.44 -269.36	226.58 2.53 -199.73	176.00 6.57 -103.84	166.61 11.23 -44.18	129.74 1.21 -117.02	87.21 2.15 -65.08
ASTORIA_EAST_ENERGY_CC2 323582	138.37 -1.71 -161.50	106.04 -0.88 -118.26	105.44 1.52 -84.78	88.96 0.40 -83.52	70.69 2.54 -38.31	128.89 10.02 0.00	133.60 11.32 0.00	117.45 10.44 -2.38	131.99 8.57 -42.66	76.08 3.52 -39.60	138.53 2.30 -114.29	145.07 0.78 -136.88	126.18 5.89 -63.63	124.46 2.66 -97.53	143.32 2.81 -113.90	159.18 4.87 -107.74	158.09 5.18 -100.37	203.28 6.03 -137.22	296.60 2.44 -269.36	226.59 2.53 -199.73	176.02 6.59 -103.84	166.63 11.26 -44.18	129.73 1.20 -117.02	87.21 2.15 -65.08
ASTORIA_GT2_1 24094	138.37 -1.71 -161.50	106.04 -0.88 -118.26	105.44 1.51 -84.78	88.96 0.40 -83.52	70.69 2.54 -38.31	128.90 10.03 0.00	133.64 11.36 0.00	117.48 10.46 -2.38	132.00 8.57 -42.66	76.08 3.52 -39.60	138.54 2.31 -114.29	145.06 0.77 -136.88	126.19 5.90 -63.63	124.48 2.67 -97.53	143.42 2.91 -113.90	159.22 4.91 -107.74	158.37 5.45 -100.37	203.47 6.22 -137.22	296.62 2.46 -269.36	226.58 2.52 -199.73	176.14 6.71 -103.84	166.66 11.29 -44.18	129.75 1.22 -117.02	87.21 2.15 -65.08
ASTORIA_GT2_2 24095	138.37 -1.71 -161.50	106.04 -0.88 -118.26	105.44 1.51 -84.78	88.96 0.40 -83.52	70.69 2.54 -38.31	128.90 10.03 0.00	133.64 11.36 0.00	117.48 10.46 -2.38	132.00 8.57 -42.66	76.08 3.52 -39.60	138.54 2.31 -114.29	145.06 0.77 -136.88	126.19 5.90 -63.63	124.48 2.67 -97.53	143.42 2.91 -113.90	159.22 4.91 -107.74	158.37 5.45 -100.37	203.47 6.22 -137.22	296.62 2.46 -269.36	226.58 2.52 -199.73	176.14 6.71 -103.84	166.66 11.29 -44.18	129.75 1.22 -117.02	87.21 2.15 -65.08
ASTORIA_GT2_3 24096	138.37 -1.71 -161.50	106.04 -0.88 -118.26	105.44 1.51 -84.78	88.96 0.40 -83.52	70.69 2.54 -38.31	128.90 10.03 0.00	133.64 11.36 0.00	117.48 10.46 -2.38	132.00 8.57 -42.66	76.08 3.52 -39.60	138.54 2.31 -114.29	145.06 0.77 -136.88	126.19 5.90 -63.63	124.48 2.67 -97.53	143.42 2.91 -113.90	159.22 4.91 -107.74	158.37 5.45 -100.37	203.47 6.22 -137.22	296.62 2.46 -269.36	226.58 2.52 -199.73	176.14 6.71 -103.84	166.66 11.29 -44.18	129.75 1.22 -117.02	87.21 2.15 -65.08
ASTORIA_GT2_4 24097	138.37 -1.71 -161.50	106.04 -0.88 -118.26	105.44 1.51 -84.78	88.96 0.40 -83.52	70.69 2.54 -38.31	128.90 10.03 0.00	133.64 11.36 0.00	117.48 10.46 -2.38	132.00 8.57 -42.66	76.08 3.52 -39.60	138.54 2.31 -114.29	145.06 0.77 -136.88	126.19 5.90 -63.63	124.48 2.67 -97.53	143.42 2.91 -113.90	159.22 4.91 -107.74	158.37 5.45 -100.37	203.47 6.22 -137.22	296.62 2.46 -269.36	226.58 2.52 -199.73	176.14 6.71 -103.84	166.66 11.29 -44.18	129.75 1.22 -117.02	87.21 2.15 -65.08
ASTORIA_GT3_1 24098	138.37 -1.71 -161.50	106.04 -0.88 -118.26	105.44 1.51 -84.78	88.96 0.40 -83.52	70.69 2.54 -38.31	128.90 10.03 0.00	133.64 11.36 0.00	117.48 10.46 -2.38	132.00 8.57 -42.66	76.08 3.52 -39.60	138.54 2.31 -114.29	145.06 0.77 -136.88	126.19 5.90 -63.63	124.48 2.67 -97.53	143.42 2.91 -113.90	159.22 4.91 -107.74	158.37 5.45 -100.37	203.47 6.22 -137.22	296.62 2.46 -269.36	226.58 2.52 -199.73	176.14 6.71 -103.84	166.66 11.29 -44.18	129.75 1.22 -117.02	87.21 2.15 -65.08
ASTORIA_GT3_2 24099	138.37 -1.71 -161.50	106.04 -0.88 -118.26	105.44 1.51 -84.78	88.96 0.40 -83.52	70.69 2.54 -38.31	128.90 10.03 0.00	133.64 11.36 0.00	117.48 10.46 -2.38	132.00 8.57 -42.66	76.08 3.52 -39.60	138.54 2.31 -114.29	145.06 0.77 -136.88	126.19 5.90 -63.63	124.48 2.67 -97.53	143.42 2.91 -113.90	159.22 4.91 -107.74	158.37 5.45 -100.37	203.47 6.22 -137.22	296.62 2.46 -269.36	226.58 2.52 -199.73	176.14 6.71 -103.84	166.66 11.29 -44.18	129.75 1.22 -117.02	87.21 2.15 -65.08
ASTORIA_GT3_3 24100	138.37 -1.71 -161.50	106.04 -0.88 -118.26	105.44 1.51 -84.78	88.96 0.40 -83.52	70.69 2.54 -38.31	128.90 10.03 0.00	133.64 11.36 0.00	117.48 10.46 -2.38	132.00 8.57 -42.66	76.08 3.52 -39.60	138.54 2.31 -114.29	145.06 0.77 -136.88	126.19 5.90 -63.63	124.48 2.67 -97.53	143.42 2.91 -113.90	159.22 4.91 -107.74	158.37 5.45 -100.37	203.47 6.22 -137.22	296.62 2.46 -269.36	226.58 2.52 -199.73	176.14 6.71 -103.84	166.66 11.29 -44.18	129.75 1.22 -117.02	87.21 2.15 -65.08
ASTORIA_GT3_4 24101	138.37 -1.71 -161.50	106.04 -0.88 -118.26	105.44 1.51 -84.78	88.96 0.40 -83.52	70.69 2.54 -38.31	128.90 10.03 0.00	133.64 11.36 0.00	117.48 10.46 -2.38	132.00 8.57 -42.66	76.08 3.52 -39.60	138.54 2.31 -114.29	145.06 0.77 -136.88	126.19 5.90 -63.63	124.48 2.67 -97.53	143.42 2.91 -113.90	159.22 4.91 -107.74	158.37 5.45 -100.37	203.47 6.22 -137.22	296.62 2.46 -269.36	226.58 2.52 -199.73	176.14 6.71 -103.84	166.66 11.29 -44.18	129.75 1.22 -117.02	87.21 2.15 -65.08
ASTORIA_GT4_1 24102	138.37 -1.71 -161.50	106.04 -0.88 -118.26	105.44 1.51 -84.78	88.96 0.40 -83.52	70.69 2.54 -38.31	128.90 10.03 0.00	133.64 11.36 0.00	117.48 10.46 -2.38	132.00 8.57 -42.66	76.08 3.52 -39.60	138.54 2.31 -114.29	145.06 0.77 -136.88	126.19 5.90 -63.63	124.48 2.67 -97.53	143.42 2.91 -113.90	159.22 4.91 -107.74	158.37 5.45 -100.37	203.47 6.22 -137.22	296.62 2.46 -269.36	226.58 2.52 -199.73	176.14 6.71 -103.84	166.66 11.29 -44.18	129.75 1.22 -117.02	87.21 2.15 -65.08
ASTORIA_GT4_2 24103	138.37 -1.71 -161.50	106.04 -0.88 -118.26	105.44 1.51 -84.78	88.96 0.40 -83.52	70.69 2.54 -38.31	128.90 10.03 0.00	133.64 11.36 0.00	117.48 10.46 -2.38	132.00 8.57 -42.66	76.08 3.52 -39.60	138.54 2.31 -114.29	145.06 0.77 -136.88	126.19 5.90 -63.63	124.48 2.67 -97.53	143.42 2.91 -113.90	159.22 4.91 -107.74	158.37 5.45 -100.37	203.47 6.22 -137.22	296.62 2.46 -269.36	226.58 2.52 -199.73	176.14 6.71 -103.84	166.66 11.29 -44.18	129.75 1.22 -117.02	87.21 2.15 -65.08
ASTORIA_GT4_3 24104	138.37 -1.71 -161.50	106.04 -0.88 -118.26	105.44 1.51 -84.78	88.96 0.40 -83.52	70.69 2.54 -38.31	128.90 10.03 0.00	133.64 11.36 0.00	117.48 10.46 -2.38	132.00 8.57 -42.66	76.08 3.52 -39.60	138.54 2.31 -114.29	145.06 0.77 -136.88	126.19 5.90 -63.63	124.48 2.67 -97.53	143.42 2.91 -113.90	159.22 4.91 -107.74	158.37 5.45 -100.37	203.47 6.22 -137.22	296.62 2.46 -269.36	226.58 2.52 -199.73	176.14 6.71 -103.84	166.66 11.29 -44.18	129.75 1.22 -117.02	87.21 2.15 -65.08

ASTORIA_GT4_4 24105	138.37 -1.71 -161.50	106.04 -0.88 -118.26	105.44 1.51 -84.78	88.96 0.40 -83.52	70.69 2.54 -38.31	128.90 10.03 0.00	133.64 11.36 0.00	117.48 10.46 -2.38	132.00 8.57 -42.66	76.08 3.52 -39.60	138.54 2.31 -114.29	145.06 0.77 -136.88	126.19 5.90 -63.63	124.48 2.67 -97.53	143.42 2.91 -113.90	159.22 4.91 -107.74	158.37 5.45 -100.37	203.47 6.22 -137.22	296.62 2.46 -269.36	226.58 2.52 -199.73	176.14 6.71 -103.84	166.66 11.29 -44.18	129.75 1.22 -117.02	87.21 2.15 -65.08
ASTORIA_GT_1 23523	138.33 -1.75 -161.50	106.02 -0.90 -118.26	105.47 1.55 -84.78	88.97 0.41 -83.52	70.75 2.60 -38.31	129.10 10.24 0.00	133.88 11.59 0.00	117.71 10.69 -2.38	132.19 8.76 -42.66	76.16 3.60 -39.60	138.59 2.36 -114.29	145.08 0.80 -136.88	126.35 6.06 -63.63	124.52 2.72 -97.53	143.38 2.88 -113.90	159.31 5.00 -107.74	158.26 5.35 -100.37	203.46 6.22 -137.22	296.67 2.52 -269.36	226.66 2.61 -199.73	176.21 6.77 -103.84	166.93 11.55 -44.18	129.77 1.24 -117.02	87.26 2.19 -65.08
ASTORIA_GT_10 24110	138.31 -1.77 -161.50	105.99 -0.93 -118.26	105.51 1.59 -84.78	88.98 0.42 -83.52	70.81 2.66 -38.31	129.40 10.53 0.00	133.72 11.43 0.00	117.49 10.48 -2.38	132.10 8.68 -42.66	76.23 3.67 -39.60	139.72 2.46 -115.32	145.33 0.80 -137.13	131.61 6.23 -68.71	128.44 2.80 -101.36	143.52 3.01 -113.90	159.50 5.18 -107.74	158.63 5.72 -100.37	203.72 6.48 -137.22	296.75 2.59 -269.36	226.65 2.59 -199.73	176.29 6.85 -103.84	166.87 11.49 -44.18	129.75 1.22 -117.02	87.26 2.20 -65.08
ASTORIA_GT_11 24225	138.31 -1.77 -161.50	105.99 -0.93 -118.26	105.51 1.59 -84.78	88.98 0.42 -83.52	70.81 2.66 -38.31	129.40 10.53 0.00	133.72 11.43 0.00	117.49 10.48 -2.38	132.10 8.68 -42.66	76.23 3.67 -39.60	139.72 2.46 -115.32	145.33 0.80 -137.13	131.61 6.23 -68.71	128.44 2.80 -101.36	143.52 3.01 -113.90	159.50 5.18 -107.74	158.63 5.72 -100.37	203.72 6.48 -137.22	296.75 2.59 -269.36	226.65 2.59 -199.73	176.29 6.85 -103.84	166.87 11.49 -44.18	129.75 1.22 -117.02	87.26 2.20 -65.08
ASTORIA_GT_12 24226	138.31 -1.77 -161.50	105.99 -0.93 -118.26	105.51 1.59 -84.78	88.98 0.42 -83.52	70.81 2.66 -38.31	129.40 10.53 0.00	133.72 11.43 0.00	117.49 10.48 -2.38	132.10 8.68 -42.66	76.23 3.67 -39.60	139.72 2.46 -115.32	145.33 0.80 -137.13	131.61 6.23 -68.71	128.44 2.80 -101.36	143.52 3.01 -113.90	159.50 5.18 -107.74	158.63 5.72 -100.37	203.72 6.48 -137.22	296.75 2.59 -269.36	226.65 2.59 -199.73	176.29 6.85 -103.84	166.87 11.49 -44.18	129.75 1.22 -117.02	87.26 2.20 -65.08
ASTORIA_GT_13 24227	138.31 -1.77 -161.50	105.99 -0.93 -118.26	105.51 1.59 -84.78	88.98 0.42 -83.52	70.81 2.66 -38.31	129.40 10.53 0.00	133.72 11.43 0.00	117.49 10.48 -2.38	132.10 8.68 -42.66	76.23 3.67 -39.60	139.72 2.46 -115.32	145.33 0.80 -137.13	131.61 6.23 -68.71	128.44 2.80 -101.36	143.52 3.01 -113.90	159.50 5.18 -107.74	158.63 5.72 -100.37	203.72 6.48 -137.22	296.75 2.59 -269.36	226.65 2.59 -199.73	176.29 6.85 -103.84	166.87 11.49 -44.18	129.75 1.22 -117.02	87.26 2.20 -65.08
ASTORIA_GT_5 24106	138.33 -1.74 -161.50	106.02 -0.90 -118.26	105.47 1.55 -84.78	88.97 0.41 -83.52	70.75 2.60 -38.31	129.11 10.24 0.00	133.89 11.60 0.00	117.71 10.69 -2.38	132.20 8.78 -42.66	76.16 3.60 -39.60	138.60 2.37 -114.29	145.08 0.79 -136.88	126.35 6.05 -63.63	124.53 2.73 -97.53	143.47 2.97 -113.90	159.35 5.03 -107.74	158.50 5.59 -100.37	203.62 6.37 -137.22	296.68 2.52 -269.36	226.64 2.58 -199.73	176.32 6.89 -103.84	166.92 11.54 -44.18	129.77 1.24 -117.02	87.25 2.19 -65.08
ASTORIA_GT_7 24107	138.33 -1.74 -161.50	106.02 -0.90 -118.26	105.47 1.55 -84.78	88.97 0.41 -83.52	70.75 2.60 -38.31	129.11 10.24 0.00	133.89 11.60 0.00	117.71 10.69 -2.38	132.20 8.78 -42.66	76.16 3.60 -39.60	138.60 2.37 -114.29	145.08 0.79 -136.88	126.35 6.05 -63.63	124.53 2.73 -97.53	143.47 2.97 -113.90	159.35 5.03 -107.74	158.50 5.59 -100.37	203.62 6.37 -137.22	296.68 2.52 -269.36	226.64 2.58 -199.73	176.32 6.89 -103.84	166.92 11.54 -44.18	129.77 1.24 -117.02	87.25 2.19 -65.08
ASTORIA_GT_8 24108	138.33 -1.74 -161.50	106.02 -0.90 -118.26	105.47 1.55 -84.78	88.97 0.41 -83.52	70.75 2.60 -38.31	129.11 10.24 0.00	133.89 11.60 0.00	117.71 10.69 -2.38	132.20 8.78 -42.66	76.16 3.60 -39.60	138.60 2.37 -114.29	145.08 0.79 -136.88	126.35 6.05 -63.63	124.53 2.73 -97.53	143.47 2.97 -113.90	159.35 5.03 -107.74	158.50 5.59 -100.37	203.62 6.37 -137.22	296.68 2.52 -269.36	226.64 2.58 -199.73	176.32 6.89 -103.84	166.92 11.54 -44.18	129.77 1.24 -117.02	87.25 2.19 -65.08
ASTORIA___2 24149	138.37 -1.71 -161.50	106.04 -0.88 -118.26	105.44 1.52 -84.78	88.96 0.40 -83.52	70.69 2.54 -38.31	128.89 10.02 0.00	133.60 11.32 0.00	117.45 10.44 -2.38	131.99 8.57 -42.66	76.08 3.52 -39.60	138.53 2.30 -114.29	145.07 0.78 -136.88	126.18 5.89 -63.63	124.46 2.66 -97.53	143.32 2.81 -113.90	159.18 4.87 -107.74	158.11 5.20 -100.37	203.31 6.06 -137.22	296.61 2.45 -269.36	226.61 2.55 -199.73	176.04 6.60 -103.84	166.67 11.29 -44.18	129.74 1.21 -117.02	87.22 2.15 -65.08
ASTORIA___3 23516	138.31 -1.77 -161.50	105.99 -0.93 -118.26	105.51 1.59 -84.78	88.99 0.43 -83.52	70.81 2.66 -38.31	129.40 10.53 0.00	133.70 11.42 0.00	117.49 10.47 -2.38	132.11 8.69 -42.66	76.23 3.66 -39.60	139.71 2.45 -115.32	145.33 0.81 -137.13	131.60 6.23 -68.71	128.42 2.78 -101.36	143.43 2.93 -113.90	159.48 5.16 -107.74	158.45 5.54 -100.37	203.62 6.38 -137.22	296.74 2.58 -269.36	226.67 2.61 -199.73	176.21 6.77 -103.84	166.87 11.49 -44.18	129.75 1.22 -117.02	87.26 2.20 -65.08
ASTORIA___4 23517	138.31 -1.77 -161.50	105.99 -0.93 -118.26	105.51 1.59 -84.78	88.98 0.42 -83.52	70.81 2.66 -38.31	129.40 10.53 0.00	133.72 11.43 0.00	117.49 10.48 -2.38	132.10 8.68 -42.66	76.23 3.67 -39.60	139.72 2.46 -115.32	145.33 0.80 -137.13	131.61 6.23 -68.71	128.44 2.80 -101.36	143.52 3.01 -113.90	159.50 5.18 -107.74	158.63 5.72 -100.37	203.72 6.48 -137.22	296.75 2.59 -269.36	226.65 2.59 -199.73	176.29 6.85 -103.84	166.87 11.49 -44.18	129.75 1.22 -117.02	87.26 2.20 -65.08
ASTORIA___5 23518	138.31 -1.77 -161.50	105.99 -0.93 -118.26	105.51 1.59 -84.78	88.99 0.43 -83.52	70.81 2.66 -38.31	129.40 10.53 0.00	133.70 11.42 0.00	117.49 10.47 -2.38	132.11 8.69 -42.66	76.23 3.66 -39.60	139.71 2.45 -115.32	145.33 0.81 -137.13	131.60 6.23 -68.71	128.42 2.78 -101.36	143.43 2.93 -113.90	159.48 5.16 -107.74	158.45 5.54 -100.37	203.62 6.38 -137.22	296.74 2.58 -269.36	226.67 2.61 -199.73	176.21 6.77 -103.84	166.87 11.49 -44.18	129.75 1.22 -117.02	87.26 2.20 -65.08
AST_ENERGY_2_CC3 323677	138.40 -1.66 -161.49	106.04 -0.87 -118.25	105.42 1.50 -84.78	88.95 0.39 -83.52	70.62 2.48 -38.31	128.99 10.12 0.00	133.24 10.95 0.00	117.06 10.04 -2.38	131.82 8.34 -42.72	76.10 3.54 -39.60	138.54 2.33 -114.27	145.03 0.77 -136.86	126.17 5.90 -63.61	124.43 2.64 -97.51	143.27 2.78 -113.89	159.12 4.82 -107.73	158.07 5.17 -100.36	203.17 5.94 -137.20	296.49 2.37 -269.33	226.45 2.41 -199.71	175.77 6.34 -103.83	166.22 10.85 -44.18	129.69 1.17 -117.01	87.16 2.10 -65.07
AST_ENERGY_2_CC4 323678	138.40 -1.66 -161.49	106.04 -0.87 -118.25	105.42 1.50 -84.78	88.95 0.39 -83.52	70.62 2.48 -38.31	128.99 10.12 0.00	133.24 10.95 0.00	117.06 10.04 -2.38	131.82 8.34 -42.72	76.10 3.54 -39.60	138.54 2.33 -114.27	145.03 0.77 -136.86	126.17 5.90 -63.61	124.43 2.64 -97.51	143.27 2.78 -113.89	159.12 4.82 -107.73	158.07 5.17 -100.36	203.17 5.94 -137.20	296.49 2.37 -269.33	226.45 2.41 -199.71	175.77 6.34 -103.83	166.22 10.85 -44.18	129.69 1.17 -117.01	87.16 2.10 -65.07

ATHENS_STG_1 23668	165.44 -0.84 -187.70	125.67 -0.44 -137.45	118.43 0.75 -98.54	102.31 0.20 -97.07	75.72 1.35 -44.53	124.54 5.67 0.00	128.28 5.99 0.00	112.31 5.26 -2.42	115.94 4.34 -30.84	94.51 1.87 -59.68	195.41 1.24 -172.23	214.07 0.39 -206.28	155.59 3.05 -95.87	172.64 1.40 -146.96	199.82 1.56 -171.66	211.71 2.77 -162.37	205.68 3.04 -150.10	270.29 3.47 -206.80	431.54 1.42 -405.32	320.90 1.42 -295.15	223.42 3.72 -154.10	180.87 6.08 -63.59	154.85 0.64 -142.70	112.71 1.15 -91.58
ATHENS_STG_2 23670	165.44 -0.84 -187.70	125.67 -0.44 -137.45	118.43 0.75 -98.54	102.31 0.20 -97.07	75.72 1.35 -44.53	124.54 5.67 0.00	128.28 5.99 0.00	112.31 5.26 -2.42	115.94 4.34 -30.84	94.51 1.87 -59.68	195.41 1.24 -172.23	214.07 0.39 -206.28	155.59 3.05 -95.87	172.64 1.40 -146.96	199.82 1.56 -171.66	211.71 2.77 -162.37	205.68 3.04 -150.10	270.29 3.47 -206.80	431.54 1.42 -405.32	320.90 1.42 -295.15	223.42 3.72 -154.10	180.87 6.08 -63.59	154.85 0.64 -142.70	112.71 1.15 -91.58
ATHENS_STG_3 23677	165.44 -0.84 -187.70	125.67 -0.44 -137.45	118.43 0.75 -98.54	102.31 0.20 -97.07	75.72 1.35 -44.53	124.54 5.67 0.00	128.28 5.99 0.00	112.31 5.26 -2.42	115.94 4.34 -30.84	94.51 1.87 -59.68	195.41 1.24 -172.23	214.07 0.39 -206.28	155.59 3.05 -95.87	172.64 1.40 -146.96	199.82 1.56 -171.66	211.71 2.77 -162.37	205.68 3.04 -150.10	270.29 3.47 -206.80	431.54 1.42 -405.32	320.90 1.42 -295.15	223.42 3.72 -154.10	180.87 6.08 -63.59	154.85 0.64 -142.70	112.71 1.15 -91.58
AUBURN___LFGE 323710	2.21 0.00 -23.64	5.94 -0.03 -17.31	31.59 0.04 -12.41	17.27 0.01 -12.23	35.60 0.16 -5.61	119.45 0.58 0.00	123.36 1.07 0.00	105.91 0.92 -0.36	83.09 1.11 -1.22	34.98 0.59 -1.43	24.94 0.49 -2.51	12.52 0.17 -4.94	59.81 0.85 -2.30	28.31 0.51 -3.52	31.31 0.59 -4.11	51.54 1.07 -3.89	57.71 1.18 -4.00	66.41 1.43 -4.96	35.34 0.67 -9.87	33.57 0.43 -8.82	70.85 0.74 -4.51	114.32 0.57 -2.55	26.63 0.16 -14.96	24.67 0.27 -4.42
BABYLON_RES_REC 323704	137.91 -2.19 -161.52	105.80 -1.14 -118.28	105.88 1.95 -84.79	89.08 0.51 -83.53	71.36 3.21 -38.32	132.04 13.17 0.00	173.67 14.30 -37.09	153.37 12.63 -36.11	146.72 10.28 -55.67	76.83 4.27 -39.61	139.73 2.84 -114.95	145.82 0.87 -137.55	127.06 6.76 -63.63	124.74 2.92 -97.54	143.75 3.21 -113.93	160.12 5.78 -107.77	159.55 6.62 -100.40	205.31 7.60 -137.68	297.08 2.86 -269.42	234.90 2.88 -207.70	179.53 8.34 -105.60	171.42 13.88 -46.34	130.03 1.48 -117.04	87.73 2.65 -65.10
BABYLON__69_KV_BK2 356345	137.61 -2.49 -161.52	105.65 -1.29 -118.28	106.14 2.20 -84.79	89.15 0.57 -83.53	71.78 3.62 -38.32	133.71 14.84 0.00	175.50 16.12 -37.09	154.97 14.23 -36.11	147.88 11.44 -55.67	77.22 4.65 -39.61	139.99 3.10 -114.95	145.91 0.96 -137.55	127.77 7.48 -63.63	125.04 3.22 -97.54	144.15 3.62 -113.93	160.73 6.38 -107.77	160.44 7.50 -100.40	206.26 8.55 -137.67	297.42 3.20 -269.42	235.16 3.14 -207.70	180.56 9.37 -105.60	172.97 15.44 -46.34	130.18 1.63 -117.04	87.98 2.91 -65.10
BALL_HILL_WT_PWR 323825	9.67 2.14 -28.95	10.83 0.96 -21.20	32.74 -1.60 -15.20	19.58 -0.43 -14.97	34.53 -2.18 -6.87	109.56 -9.31 0.00	112.81 -9.47 0.00	96.08 -9.00 -0.45	75.88 -6.38 -1.50	32.33 -2.39 -1.77	26.01 -1.05 -5.11	13.30 -0.24 -6.14	56.89 -2.62 -2.85	27.79 -0.85 -4.36	30.86 -0.84 -5.09	50.09 -1.32 -4.83	56.20 -1.27 -4.93	62.82 -1.85 -4.64	35.98 -1.00 -12.19	33.84 -1.35 -10.87	67.39 -3.76 -5.56	107.18 -7.15 -3.13	29.11 -0.70 -18.31	24.18 -1.23 -5.43
BARON_WINDS___WT_PWR 323822	18.60 1.30 -38.73	17.65 0.63 -28.36	38.41 -1.06 -20.33	24.76 -0.31 -20.03	37.41 -1.61 -9.19	111.76 -7.11 0.00	115.23 -7.05 0.00	98.85 -6.40 -0.61	78.54 -4.27 -2.05	33.78 -1.58 -2.40	28.06 -0.79 -6.91	15.44 -0.25 -8.29	58.01 -2.51 -3.85	29.29 -0.89 -5.90	32.53 -0.96 -6.89	51.98 -1.12 -6.52	58.05 -1.15 -6.67	67.72 -1.36 -9.05	40.81 -0.50 -16.51	38.29 -0.77 -14.73	70.61 -2.49 -7.51	109.94 -5.48 -4.22	35.55 -0.50 -24.54	26.40 -0.89 -7.31
BARRETT_IC_1 23704	138.24 -1.86 -161.52	105.97 -0.97 -118.28	105.62 1.68 -84.79	89.02 0.45 -83.53	70.98 2.82 -38.33	130.25 11.38 0.00	171.60 12.23 -37.09	151.56 10.82 -36.11	188.95 8.97 -99.23	97.33 3.92 -60.47	228.32 2.64 -203.74	152.96 0.81 -144.75	126.75 6.44 -63.64	124.58 2.76 -97.54	143.50 2.97 -113.93	159.63 5.29 -107.77	158.85 5.91 -100.41	205.64 6.74 -138.86	296.92 2.66 -269.46	234.73 2.70 -207.70	183.60 7.52 -110.49	194.15 12.60 -70.34	129.87 1.32 -117.04	87.45 2.37 -65.10
BARRETT_IC_10 23701	138.24 -1.86 -161.52	105.97 -0.97 -118.28	105.62 1.68 -84.79	89.02 0.45 -83.53	70.98 2.82 -38.33	130.25 11.38 0.00	171.60 12.23 -37.09	151.56 10.82 -36.11	188.95 8.97 -99.23	97.33 3.92 -60.47	228.32 2.64 -203.74	152.96 0.81 -144.75	126.75 6.44 -63.64	124.58 2.76 -97.54	143.50 2.97 -113.93	159.63 5.29 -107.77	158.85 5.91 -100.41	205.64 6.74 -138.86	296.92 2.66 -269.46	234.73 2.70 -207.70	183.60 7.52 -110.49	194.15 12.60 -70.34	129.87 1.32 -117.04	87.45 2.37 -65.10
BARRETT_IC_11 23702	138.24 -1.86 -161.52	105.97 -0.97 -118.28	105.62 1.68 -84.79	89.02 0.45 -83.53	70.98 2.82 -38.33	130.25 11.38 0.00	171.60 12.23 -37.09	151.56 10.82 -36.11	188.95 8.97 -99.23	97.33 3.92 -60.47	228.32 2.64 -203.74	152.96 0.81 -144.75	126.75 6.44 -63.64	124.58 2.76 -97.54	143.50 2.97 -113.93	159.63 5.29 -107.77	158.85 5.91 -100.41	205.64 6.74 -138.86	296.92 2.66 -269.46	234.73 2.70 -207.70	183.60 7.52 -110.49	194.15 12.60 -70.34	129.87 1.32 -117.04	87.45 2.37 -65.10
BARRETT_IC_12 23703	138.24 -1.86 -161.52	105.97 -0.97 -118.28	105.62 1.68 -84.79	89.02 0.45 -83.53	70.98 2.82 -38.33	130.25 11.38 0.00	171.60 12.23 -37.09	151.56 10.82 -36.11	188.95 8.97 -99.23	97.33 3.92 -60.47	228.32 2.64 -203.74	152.96 0.81 -144.75	126.75 6.44 -63.64	124.58 2.76 -97.54	143.50 2.97 -113.93	159.63 5.29 -107.77	158.85 5.91 -100.41	205.64 6.74 -138.86	296.92 2.66 -269.46	234.73 2.70 -207.70	183.60 7.52 -110.49	194.15 12.60 -70.34	129.87 1.32 -117.04	87.45 2.37 -65.10
BARRETT_IC_2 23705	138.24 -1.86 -161.52	105.97 -0.97 -118.28	105.62 1.68 -84.79	89.02 0.45 -83.53	70.98 2.82 -38.33	130.25 11.38 0.00	171.60 12.23 -37.09	151.56 10.82 -36.11	188.95 8.97 -99.23	97.33 3.92 -60.47	228.32 2.64 -203.74	152.96 0.81 -144.75	126.75 6.44 -63.64	124.58 2.76 -97.54	143.50 2.97 -113.93	159.63 5.29 -107.77	158.85 5.91 -100.41	205.64 6.74 -138.86	296.92 2.66 -269.46	234.73 2.70 -207.70	183.60 7.52 -110.49	194.15 12.60 -70.34	129.87 1.32 -117.04	87.45 2.37 -65.10
BARRETT_IC_3 23706	138.24 -1.86 -161.52	105.97 -0.97 -118.28	105.62 1.68 -84.79	89.02 0.45 -83.53	70.98 2.82 -38.33	130.25 11.38 0.00	171.60 12.23 -37.09	151.56 10.82 -36.11	188.95 8.97 -99.23	97.33 3.92 -60.47	228.32 2.64 -203.74	152.96 0.81 -144.75	126.75 6.44 -63.64	124.58 2.76 -97.54	143.50 2.97 -113.93	159.63 5.29 -107.77	158.85 5.91 -100.41	205.64 6.74 -138.86	296.92 2.66 -269.46	234.73 2.70 -207.70	183.60 7.52 -110.49	194.15 12.60 -70.34	129.87 1.32 -117.04	87.45 2.37 -65.10
BARRETT_IC_4 23707	138.24 -1.86 -161.52	105.97 -0.97 -118.28	105.62 1.68 -84.79	89.02 0.45 -83.53	70.98 2.82 -38.33	130.25 11.38 0.00	171.60 12.23 -37.09	151.56 10.82 -36.11	188.95 8.97 -99.23	97.33 3.92 -60.47	228.32 2.64 -203.74	152.96 0.81 -144.75	126.75 6.44 -63.64	124.58 2.76 -97.54	143.50 2.97 -113.93	159.63 5.29 -107.77	158.85 5.91 -100.41	205.64 6.74 -138.86	296.92 2.66 -269.46	234.73 2.70 -207.70	183.60 7.52 -110.49	194.15 12.60 -70.34	129.87 1.32 -117.04	87.45 2.37 -65.10

BARRETT_IC_5 23708	138.24 -1.86 -161.52	105.97 -0.97 -118.28	105.62 1.68 -84.79	89.02 0.45 -83.53	70.98 2.82 -38.33	130.25 11.38 0.00	171.60 12.23 -37.09	151.56 10.82 -36.11	188.95 8.97 -99.23	97.33 3.92 -60.47	228.32 2.64 -203.74	152.96 0.81 -144.75	126.75 6.44 -63.64	124.58 2.76 -97.54	143.50 2.97 -113.93	159.63 5.29 -107.77	158.85 5.91 -100.41	205.64 6.74 -138.86	296.92 2.66 -269.46	234.73 2.70 -207.70	183.60 7.52 -110.49	194.15 12.60 -70.34	129.87 1.32 -117.04	87.45 2.37 -65.10
BARRETT_IC_6 23709	138.24 -1.86 -161.52	105.97 -0.97 -118.28	105.62 1.68 -84.79	89.02 0.45 -83.53	70.98 2.82 -38.33	130.25 11.38 0.00	171.60 12.23 -37.09	151.56 10.82 -36.11	188.95 8.97 -99.23	97.33 3.92 -60.47	228.32 2.64 -203.74	152.96 0.81 -144.75	126.75 6.44 -63.64	124.58 2.76 -97.54	143.50 2.97 -113.93	159.63 5.29 -107.77	158.85 5.91 -100.41	205.64 6.74 -138.86	296.92 2.66 -269.46	234.73 2.70 -207.70	183.60 7.52 -110.49	194.15 12.60 -70.34	129.87 1.32 -117.04	87.45 2.37 -65.10
BARRETT_IC_7 23710	138.24 -1.86 -161.52	105.97 -0.97 -118.28	105.62 1.68 -84.79	89.02 0.45 -83.53	70.98 2.82 -38.33	130.25 11.38 0.00	171.60 12.23 -37.09	151.56 10.82 -36.11	188.95 8.96 -99.23	97.34 3.92 -60.47	228.34 2.65 -203.74	152.97 0.82 -144.75	126.80 6.50 -63.64	124.60 2.78 -97.54	143.58 3.05 -113.93	159.65 5.31 -107.77	158.98 6.04 -100.41	205.71 6.81 -138.86	296.97 2.71 -269.46	234.71 2.69 -207.70	183.70 7.61 -110.49	194.15 12.61 -70.34	129.87 1.32 -117.04	87.45 2.37 -65.10
BARRETT_IC_8 23711	138.24 -1.86 -161.52	105.97 -0.97 -118.28	105.62 1.68 -84.79	89.02 0.45 -83.53	70.98 2.82 -38.33	130.25 11.38 0.00	171.60 12.23 -37.09	151.56 10.82 -36.11	188.95 8.97 -99.23	97.33 3.92 -60.47	228.32 2.64 -203.74	152.96 0.81 -144.75	126.75 6.44 -63.64	124.58 2.76 -97.54	143.50 2.97 -113.93	159.63 5.29 -107.77	158.85 5.91 -100.41	205.64 6.74 -138.86	296.92 2.66 -269.46	234.73 2.70 -207.70	183.60 7.52 -110.49	194.15 12.60 -70.34	129.87 1.32 -117.04	87.45 2.37 -65.10
BARRETT_IC_9 23700	138.24 -1.86 -161.52	105.97 -0.97 -118.28	105.62 1.68 -84.79	89.02 0.45 -83.53	70.98 2.82 -38.33	130.25 11.38 0.00	171.60 12.23 -37.09	151.56 10.82 -36.11	188.95 8.97 -99.23	97.33 3.92 -60.47	228.32 2.64 -203.74	152.96 0.81 -144.75	126.75 6.44 -63.64	124.58 2.76 -97.54	143.50 2.97 -113.93	159.63 5.29 -107.77	158.85 5.91 -100.41	205.64 6.74 -138.86	296.92 2.66 -269.46	234.73 2.70 -207.70	183.60 7.52 -110.49	194.15 12.60 -70.34	129.87 1.32 -117.04	87.45 2.37 -65.10
BARRETT___1 23545	138.24 -1.86 -161.52	105.97 -0.97 -118.28	105.62 1.68 -84.79	89.02 0.45 -83.53	70.98 2.82 -38.33	130.25 11.38 0.00	171.60 12.23 -37.09	151.56 10.82 -36.11	188.95 8.97 -99.23	97.33 3.92 -60.47	228.32 2.64 -203.74	152.96 0.81 -144.75	126.75 6.44 -63.64	124.58 2.76 -97.54	143.50 2.97 -113.93	159.63 5.29 -107.77	158.85 5.91 -100.41	205.64 6.74 -138.86	296.92 2.66 -269.46	234.73 2.70 -207.70	183.60 7.52 -110.49	194.15 12.60 -70.34	129.87 1.32 -117.04	87.45 2.37 -65.10
BARRETT___2 23546	138.24 -1.86 -161.52	105.97 -0.97 -118.28	105.62 1.68 -84.79	89.02 0.45 -83.53	70.98 2.82 -38.33	130.25 11.38 0.00	171.60 12.23 -37.09	151.56 10.82 -36.11	188.95 8.97 -99.23	97.33 3.92 -60.47	228.32 2.64 -203.74	152.96 0.81 -144.75	126.75 6.44 -63.64	124.58 2.76 -97.54	143.50 2.97 -113.93	159.63 5.29 -107.77	158.85 5.91 -100.41	205.64 6.74 -138.86	296.92 2.66 -269.46	234.73 2.70 -207.70	183.60 7.52 -110.49	194.15 12.60 -70.34	129.87 1.32 -117.04	87.45 2.37 -65.10
BATAVIA__115KV_TB1 55881	5.04 1.63 -24.83	7.59 0.75 -18.19	30.92 -1.26 -13.04	17.55 -0.33 -12.84	34.16 -1.57 -5.89	112.44 -6.43 0.00	116.33 -5.96 0.00	99.14 -5.87 -0.38	77.75 -4.28 -1.27	32.87 -1.59 -1.51	25.73 -0.56 -4.35	12.54 -0.07 -5.21	57.76 -1.32 -2.42	27.55 -0.43 -3.71	30.50 -0.44 -4.33	50.17 -0.51 -4.10	56.29 -0.45 -4.20	64.90 -0.34 -5.21	34.85 -0.33 -10.38	32.96 -0.62 -9.26	68.14 -2.20 -4.74	109.46 -4.41 -2.68	26.74 -0.47 -15.70	23.78 -0.84 -4.65
BAYONEEC___CTG1 323682	138.42 -1.64 -161.49	106.05 -0.86 -118.25	105.41 1.50 -84.78	88.94 0.39 -83.52	70.64 2.50 -38.31	129.02 10.15 0.00	133.25 10.97 0.00	116.98 9.97 -2.38	131.77 8.29 -42.72	76.08 3.53 -39.60	138.55 2.34 -114.27	145.04 0.77 -136.86	126.19 5.91 -63.61	124.43 2.64 -97.51	143.29 2.80 -113.89	159.24 4.94 -107.73	158.18 5.29 -100.36	203.29 6.06 -137.20	296.56 2.43 -269.33	226.49 2.46 -199.71	175.85 6.43 -103.83	166.36 10.98 -44.18	129.69 1.17 -117.01	87.14 2.09 -65.07
BAYONEEC___CTG10 323750	138.42 -1.64 -161.49	106.05 -0.86 -118.25	105.41 1.50 -84.78	88.94 0.39 -83.52	70.64 2.50 -38.31	129.02 10.15 0.00	133.25 10.97 0.00	116.98 9.97 -2.38	131.77 8.29 -42.72	76.08 3.53 -39.60	138.55 2.34 -114.27	145.04 0.77 -136.86	126.19 5.91 -63.61	124.43 2.64 -97.51	143.29 2.80 -113.89	159.24 4.94 -107.73	158.18 5.29 -100.36	203.29 6.06 -137.20	296.56 2.43 -269.33	226.49 2.46 -199.71	175.85 6.43 -103.83	166.36 10.98 -44.18	129.69 1.17 -117.01	87.14 2.09 -65.07
BAYONEEC___CTG2 323683	138.42 -1.64 -161.49	106.05 -0.86 -118.25	105.41 1.50 -84.78	88.94 0.39 -83.52	70.64 2.50 -38.31	129.02 10.15 0.00	133.25 10.97 0.00	116.98 9.97 -2.38	131.77 8.29 -42.72	76.08 3.53 -39.60	138.55 2.34 -114.27	145.04 0.77 -136.86	126.19 5.91 -63.61	124.43 2.64 -97.51	143.29 2.80 -113.89	159.24 4.94 -107.73	158.18 5.29 -100.36	203.29 6.06 -137.20	296.56 2.43 -269.33	226.49 2.46 -199.71	175.85 6.43 -103.83	166.36 10.98 -44.18	129.69 1.17 -117.01	87.14 2.09 -65.07
BAYONEEC___CTG3 323684	138.42 -1.64 -161.49	106.05 -0.86 -118.25	105.41 1.50 -84.78	88.94 0.39 -83.52	70.64 2.50 -38.31	129.02 10.15 0.00	133.25 10.97 0.00	116.98 9.97 -2.38	131.77 8.29 -42.72	76.08 3.53 -39.60	138.55 2.34 -114.27	145.04 0.77 -136.86	126.19 5.91 -63.61	124.43 2.64 -97.51	143.29 2.80 -113.89	159.24 4.94 -107.73	158.18 5.29 -100.36	203.29 6.06 -137.20	296.56 2.43 -269.33	226.49 2.46 -199.71	175.85 6.43 -103.83	166.36 10.98 -44.18	129.69 1.17 -117.01	87.14 2.09 -65.07
BAYONEEC___CTG4 323685	138.42 -1.64 -161.49	106.05 -0.86 -118.25	105.41 1.50 -84.78	88.94 0.39 -83.52	70.64 2.50 -38.31	129.02 10.15 0.00	133.25 10.97 0.00	116.98 9.97 -2.38	131.77 8.29 -42.72	76.08 3.53 -39.60	138.55 2.34 -114.27	145.04 0.77 -136.86	126.19 5.91 -63.61	124.43 2.64 -97.51	143.29 2.80 -113.89	159.24 4.94 -107.73	158.18 5.29 -100.36	203.29 6.06 -137.20	296.56 2.43 -269.33	226.49 2.46 -199.71	175.85 6.43 -103.83	166.36 10.98 -44.18	129.69 1.17 -117.01	87.14 2.09 -65.07
BAYONEEC___CTG5 323686	138.42 -1.64 -161.49	106.05 -0.86 -118.25	105.41 1.50 -84.78	88.94 0.39 -83.52	70.64 2.50 -38.31	129.02 10.15 0.00	133.25 10.97 0.00	116.98 9.97 -2.38	131.77 8.29 -42.72	76.08 3.53 -39.60	138.55 2.34 -114.27	145.04 0.77 -136.86	126.19 5.91 -63.61	124.43 2.64 -97.51	143.29 2.80 -113.89	159.24 4.94 -107.73	158.18 5.29 -100.36	203.29 6.06 -137.20	296.56 2.43 -269.33	226.49 2.46 -199.71	175.85 6.43 -103.83	166.36 10.98 -44.18	129.69 1.17 -117.01	87.14 2.09 -65.07
BAYONEEC___CTG6 323687	138.42 -1.64 -161.49	106.05 -0.86 -118.25	105.41 1.50 -84.78	88.94 0.39 -83.52	70.64 2.50 -38.31	129.02 10.15 0.00	133.25 10.97 0.00	116.98 9.97 -2.38	131.77 8.29 -42.72	76.08 3.53 -39.60	138.55 2.34 -114.27	145.04 0.77 -136.86	126.19 5.91 -63.61	124.43 2.64 -97.51	143.29 2.80 -113.89	159.24 4.94 -107.73	158.18 5.29 -100.36	203.29 6.06 -137.20	296.56 2.43 -269.33	226.49 2.46 -199.71	175.85 6.43 -103.83	166.36 10.98 -44.18	129.69 1.17 -117.01	87.14 2.09 -65.07

BAYONEEC___CTG7 323688	138.42 -1.64 -161.49	106.05 -0.86 -118.25	105.41 1.50 -84.78	88.94 0.39 -83.52	70.64 2.50 -38.31	129.02 10.15 0.00	133.25 10.97 0.00	116.98 9.97 -2.38	131.77 8.29 -42.72	76.08 3.53 -39.60	138.55 2.34 -114.27	145.04 0.77 -136.86	126.19 5.91 -63.61	124.43 2.64 -97.51	143.29 2.80 -113.89	159.24 4.94 -107.73	158.18 5.29 -100.36	203.29 6.06 -137.20	296.56 2.43 -269.33	226.49 2.46 -199.71	175.85 6.43 -103.83	166.36 10.98 -44.18	129.69 1.17 -117.01	87.14 2.09 -65.07
BAYONEEC___CTG8 323689	138.42 -1.64 -161.49	106.05 -0.86 -118.25	105.41 1.50 -84.78	88.94 0.39 -83.52	70.64 2.50 -38.31	129.02 10.15 0.00	133.25 10.97 0.00	116.98 9.97 -2.38	131.77 8.29 -42.72	76.08 3.53 -39.60	138.55 2.34 -114.27	145.04 0.77 -136.86	126.19 5.91 -63.61	124.43 2.64 -97.51	143.29 2.80 -113.89	159.24 4.94 -107.73	158.18 5.29 -100.36	203.29 6.06 -137.20	296.56 2.43 -269.33	226.49 2.46 -199.71	175.85 6.43 -103.83	166.36 10.98 -44.18	129.69 1.17 -117.01	87.14 2.09 -65.07
BAYONEEC___CTG9 323749	138.42 -1.64 -161.49	106.05 -0.86 -118.25	105.41 1.50 -84.78	88.94 0.39 -83.52	70.64 2.50 -38.31	129.02 10.15 0.00	133.25 10.97 0.00	116.98 9.97 -2.38	131.77 8.29 -42.72	76.08 3.53 -39.60	138.55 2.34 -114.27	145.04 0.77 -136.86	126.19 5.91 -63.61	124.43 2.64 -97.51	143.29 2.80 -113.89	159.24 4.94 -107.73	158.18 5.29 -100.36	203.29 6.06 -137.20	296.56 2.43 -269.33	226.49 2.46 -199.71	175.85 6.43 -103.83	166.36 10.98 -44.18	129.69 1.17 -117.01	87.14 2.09 -65.07
BEACON___LESR 323632	188.29 -1.11 -210.82	142.46 -0.58 -154.38	130.81 0.99 -110.68	114.34 0.27 -109.03	81.61 1.76 -50.02	126.53 7.67 0.00	130.23 7.94 0.00	117.52 6.76 -6.12	97.28 5.37 -11.15	32.18 2.24 3.02	14.69 1.47 8.72	-2.59 0.45 10.44	55.25 3.44 4.85	18.32 1.49 7.44	19.57 1.66 8.69	41.44 3.09 8.22	53.12 3.55 2.97	53.65 4.10 10.47	9.23 1.64 17.21	38.43 1.60 -12.51	71.41 4.15 -1.67	126.49 6.67 -8.62	138.26 0.78 -125.97	42.42 1.35 -21.09
BEAVER RIVER___HYD 24048	-13.84 0.91 -6.67	-8.63 0.52 -2.19	10.61 -0.86 7.67	7.50 -0.11 -2.57	30.99 -0.46 -1.62	118.07 -0.80 0.00	122.39 0.11 0.00	103.43 0.62 1.83	74.35 0.01 6.43	32.83 -0.12 0.00	-9.17 -0.18 30.93	7.29 -0.12 0.00	55.10 -1.56 0.00	22.22 -0.73 1.33	-11.47 -0.90 37.18	21.36 -1.22 24.00	46.78 -0.89 4.86	41.67 -1.12 17.23	-26.88 -0.43 51.25	-7.45 -0.52 31.26	64.27 -1.59 -0.27	108.75 -2.79 -0.34	3.06 -0.40 8.04	-14.69 -0.71 33.96
BEEBEE_GT_13 23619	1.26 1.25 -21.44	4.93 0.58 -15.70	29.41 -0.99 -11.25	15.87 -0.26 -11.09	33.62 -1.30 -5.09	113.58 -5.29 0.00	117.24 -5.05 0.00	100.14 -4.81 -0.32	78.39 -3.45 -1.08	32.99 -1.25 -1.29	25.17 -0.49 -3.72	11.78 -0.08 -4.45	57.49 -1.25 -2.07	27.08 -0.37 -3.17	29.88 -0.43 -3.71	49.48 -0.60 -3.51	55.43 -0.71 -3.61	63.75 -0.75 -4.47	33.28 -0.41 -8.90	31.64 -0.62 -7.94	67.61 -2.06 -4.08	109.48 -4.02 -2.31	24.68 -0.40 -13.57	23.27 -0.71 -4.00
BENSHRST_27_KV_BENSHRST_1 355998	138.07 -2.00 -161.50	107.63 -1.06 -120.03	105.74 1.82 -84.79	96.28 0.49 -90.76	97.66 3.01 -64.82	130.70 11.82 -0.01	135.35 12.95 -0.12	121.62 11.77 -5.22	176.41 9.65 -86.00	127.72 4.12 -90.64	299.48 2.74 -274.80	311.19 0.91 -302.88	289.93 6.88 -226.39	286.61 3.10 -259.24	332.05 3.38 -302.06	511.82 5.84 -459.40	268.28 6.37 -209.37	304.01 7.33 -236.65	423.30 2.96 -395.54	334.12 2.96 -306.84	289.11 7.74 -215.78	306.46 13.06 -182.21	171.07 1.39 -158.17	87.51 2.44 -65.08
BETHLEHEM___GRP 23843	188.93 -0.67 -211.02	142.83 -0.36 -154.53	130.53 0.61 -110.78	114.33 0.16 -109.13	81.06 1.16 -50.06	123.85 4.98 0.00	127.32 5.03 0.00	115.10 4.36 -6.11	95.32 3.51 -11.05	31.26 1.53 3.22	13.66 1.00 9.28	-3.41 0.30 11.11	53.76 2.27 5.17	17.38 1.02 7.92	18.40 1.04 9.25	39.70 1.87 8.75	51.21 2.11 3.44	51.28 2.40 11.14	7.23 0.97 18.53	36.85 0.96 -11.57	69.24 2.45 -1.21	123.67 4.01 -8.46	138.02 0.52 -125.99	41.79 0.93 -20.89
BETHLEHEM___GS1 323560	188.93 -0.67 -211.02	142.83 -0.36 -154.53	130.53 0.61 -110.78	114.34 0.16 -109.13	81.06 1.16 -50.06	123.85 4.98 0.00	127.32 5.03 0.00	115.10 4.36 -6.11	95.32 3.51 -11.05	31.27 1.53 3.22	13.66 1.00 9.28	-3.41 0.30 11.11	53.76 2.27 5.17	17.37 1.02 7.92	18.40 1.04 9.25	39.71 1.88 8.75	51.20 2.10 3.44	51.29 2.41 11.14	7.23 0.96 18.53	36.85 0.96 -11.57	69.27 2.47 -1.21	123.68 4.02 -8.46	138.02 0.52 -125.99	41.79 0.92 -20.89
BETHLEHEM___GS2 323561	188.93 -0.67 -211.02	142.83 -0.36 -154.53	130.53 0.61 -110.78	114.34 0.16 -109.13	81.06 1.16 -50.06	123.85 4.98 0.00	127.32 5.03 0.00	115.10 4.36 -6.11	95.32 3.51 -11.05	31.27 1.53 3.22	13.66 1.00 9.28	-3.41 0.30 11.11	53.76 2.27 5.17	17.37 1.02 7.92	18.40 1.04 9.25	39.71 1.88 8.75	51.20 2.10 3.44	51.29 2.41 11.14	7.23 0.96 18.53	36.85 0.96 -11.57	69.27 2.47 -1.21	123.68 4.02 -8.46	138.02 0.52 -125.99	41.79 0.92 -20.89
BETHLEHEM___GS3 323562	188.93 -0.67 -211.02	142.83 -0.36 -154.53	130.53 0.61 -110.78	114.34 0.16 -109.13	81.06 1.16 -50.06	123.85 4.98 0.00	127.32 5.03 0.00	115.10 4.36 -6.11	95.32 3.51 -11.05	31.27 1.53 3.22	13.66 1.00 9.28	-3.41 0.30 11.11	53.76 2.27 5.17	17.37 1.02 7.92	18.40 1.04 9.25	39.71 1.88 8.75	51.20 2.10 3.44	51.29 2.41 11.14	7.23 0.96 18.53	36.85 0.96 -11.57	69.27 2.47 -1.21	123.68 4.02 -8.46	138.02 0.52 -125.99	41.79 0.92 -20.89
BETHLEHEM___STEEL 23779	9.57 2.07 -28.92	10.79 0.95 -21.17	32.71 -1.61 -15.18	19.57 -0.42 -14.95	34.54 -2.15 -6.86	109.81 -9.06 0.00	113.07 -9.22 0.00	96.27 -8.81 -0.45	75.86 -6.40 -1.50	32.32 -2.40 -1.77	25.97 -1.07 -5.10	13.30 -0.23 -6.13	57.03 -2.48 -2.85	27.76 -0.87 -4.36	30.73 -0.95 -5.08	50.07 -1.33 -4.82	55.91 -1.56 -4.93	64.42 -1.72 -6.11	36.03 -0.94 -12.17	33.93 -1.25 -10.85	67.27 -3.87 -5.55	107.27 -7.05 -3.13	29.08 -0.70 -18.28	24.17 -1.23 -5.42
BETHLHEM_115KV_TB1 79974	188.75 -0.67 -210.84	142.70 -0.36 -154.40	130.44 0.61 -110.69	114.25 0.16 -109.04	81.00 1.14 -50.02	123.77 4.90 0.00	127.29 5.01 0.00	114.86 4.33 -5.89	94.79 3.48 -10.54	31.05 1.52 3.43	13.04 1.00 9.90	-4.15 0.30 11.85	53.43 2.28 5.51	16.85 1.03 8.44	17.81 1.06 9.86	39.16 1.92 9.33	50.73 2.16 3.97	50.60 2.46 11.88	5.70 0.99 20.09	35.29 0.98 -9.98	68.80 2.53 -0.67	123.55 4.10 -8.26	137.80 0.52 -125.78	41.52 0.92 -20.62
BETHPAGE_CC_5 323564	138.08 -2.03 -161.52	105.88 -1.06 -118.28	105.74 1.81 -84.79	89.05 0.47 -83.53	71.15 3.00 -38.32	131.00 12.13 0.00	172.55 13.17 -37.09	152.39 11.64 -36.11	147.05 9.57 -56.72	77.14 4.07 -40.11	141.77 2.74 -117.09	145.97 0.84 -137.72	126.92 6.62 -63.63	124.69 2.87 -97.54	143.65 3.12 -113.93	159.89 5.55 -107.77	159.04 6.11 -100.40	204.73 6.98 -137.72	296.90 2.67 -269.42	234.73 2.70 -207.70	179.04 7.74 -105.72	171.14 13.03 -46.91	129.96 1.41 -117.04	87.66 2.58 -65.10
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	9.86 1.97 -29.31	11.02 0.90 -21.47	33.00 -1.53 -15.39	19.80 -0.40 -15.16	34.79 -2.00 -6.95	110.43 -8.44 0.00	113.69 -8.60 0.00	96.86 -8.22 -0.45	76.35 -5.94 -1.52	32.54 -2.21 -1.79	26.18 -0.94 -5.18	13.43 -0.19 -6.22	57.37 -2.19 -2.89	27.94 -0.75 -4.42	30.96 -0.81 -5.16	50.41 -1.05 -4.89	56.27 -1.26 -5.00	64.88 -1.35 -6.20	36.36 -0.78 -12.35	34.23 -1.11 -11.01	67.70 -3.52 -5.63	107.95 -6.42 -3.17	29.40 -0.65 -18.54	24.35 -1.13 -5.50

BINGHAMTON___COGEN 23790	34.55 0.19 -55.78	29.59 0.09 -40.85	48.27 -0.15 -29.28	33.86 -0.03 -28.85	43.04 -0.03 -13.23	118.73 -0.14 0.00	122.38 0.10 0.00	105.63 0.06 -0.94	84.26 0.42 -3.08	36.69 0.25 -3.49	32.26 0.26 -10.06	19.56 0.09 -12.06	62.79 0.52 -5.60	33.20 0.34 -8.59	37.04 0.40 -10.03	56.94 0.87 -9.49	63.04 0.80 -9.71	72.96 0.85 -12.07	49.33 0.44 -24.09	46.15 0.27 -21.56	76.98 0.46 -10.92	117.56 0.24 -6.12	46.99 0.07 -35.41	30.67 0.12 -10.58
BIXINCNT_115KV_LOAD 355685	11.59 1.88 -31.13	12.40 0.94 -22.80	33.96 -1.52 -16.35	20.83 -0.32 -16.10	35.33 -1.89 -7.39	110.51 -8.36 0.00	112.98 -9.30 0.00	96.74 -8.38 -0.48	76.90 -5.49 -1.62	32.89 -1.98 -1.91	26.72 -0.74 -5.51	13.85 -0.18 -6.62	57.40 -2.34 -3.08	28.15 -0.84 -4.71	31.33 -0.77 -5.50	51.12 -0.66 -5.21	57.27 -0.58 -5.32	66.05 -0.59 -6.60	37.48 -0.47 -13.15	35.14 -0.92 -11.73	68.40 -3.19 -6.00	109.07 -5.51 -3.38	30.62 -0.59 -19.70	24.94 -0.89 -5.85
BLACK RIVER___HYD 24047	-11.87 0.60 -8.95	-6.32 0.35 -4.67	15.51 -0.55 3.08	9.03 -0.02 -4.01	31.85 -0.13 -2.15	119.62 0.75 0.00	124.42 2.13 0.00	105.79 2.42 1.26	77.79 1.45 4.42	33.43 0.47 0.00	0.56 0.21 21.59	7.39 -0.01 0.00	55.40 -1.26 0.00	22.79 -0.57 0.91	0.41 -0.72 25.48	29.21 -0.92 16.45	49.21 -0.09 3.24	48.15 -0.07 11.81	-10.36 -0.03 35.13	2.96 -0.16 21.21	65.37 -0.59 -0.37	110.40 -1.27 -0.47	8.39 -0.24 2.88	-3.27 -0.48 22.77
BLACKRVR_115KV_TB2 79977	-11.87 0.61 -8.95	-6.32 0.35 -4.67	15.51 -0.55 3.08	9.03 -0.02 -4.01	31.86 -0.13 -2.15	119.62 0.75 0.00	124.42 2.13 0.00	105.78 2.40 1.26	77.79 1.46 4.42	33.43 0.47 0.00	0.56 0.21 21.59	7.39 -0.01 0.00	55.40 -1.26 0.00	22.79 -0.57 0.91	0.39 -0.74 25.48	29.22 -0.91 16.45	49.18 -0.11 3.24	48.14 -0.08 11.81	-10.37 -0.03 35.13	2.96 -0.16 21.21	65.36 -0.61 -0.37	110.40 -1.27 -0.47	8.39 -0.24 2.88	-3.27 -0.48 22.77
BLISS_WT_PWR 323608	11.71 1.99 -31.13	12.47 1.01 -22.80	33.84 -1.64 -16.35	20.82 -0.32 -16.10	35.16 -2.06 -7.39	109.74 -9.13 0.00	112.03 -10.25 0.00	96.09 -9.02 -0.48	76.51 -5.87 -1.62	32.73 -2.13 -1.91	26.67 -0.78 -5.51	13.82 -0.21 -6.62	57.03 -2.71 -3.08	28.04 -0.94 -4.71	31.31 -0.80 -5.50	50.98 -0.81 -5.21	57.49 -0.37 -5.32	63.89 -0.69 -4.55	37.43 -0.52 -13.15	35.04 -1.02 -11.73	68.42 -3.17 -6.00	108.75 -5.83 -3.38	30.57 -0.64 -19.70	24.89 -0.94 -5.85
BLUESTONE___WT_PWR 323821	38.80 0.31 -59.92	32.66 0.12 -43.88	50.27 -0.32 -31.45	35.94 -0.09 -30.99	43.80 -0.24 -14.21	118.50 -0.37 0.00	123.27 0.98 0.00	108.39 2.39 -1.37	86.09 1.28 -4.05	36.99 0.26 -3.77	33.05 0.21 -10.89	20.32 -0.13 -13.05	62.99 0.26 -6.06	33.77 0.20 -9.29	37.71 0.25 -10.86	57.63 0.78 -10.27	63.98 0.95 -10.50	74.55 1.16 -13.36	51.58 0.51 -26.27	48.96 0.37 -24.27	78.14 0.75 -11.81	118.57 0.77 -6.60	49.57 0.01 -38.05	31.33 -0.05 -11.40
BLUE_CIRC_CHEM_DRP 24182	184.85 -0.71 -206.98	139.84 -0.39 -151.57	128.45 0.65 -108.66	112.25 0.17 -107.04	80.14 1.20 -49.11	124.03 5.17 0.00	127.57 5.29 0.00	114.04 4.45 -4.96	93.50 3.50 -9.24	32.61 1.49 1.84	17.60 0.97 5.30	1.32 0.26 6.35	55.81 2.10 2.95	20.68 0.93 4.53	22.35 1.03 5.28	43.63 2.05 5.00	54.78 2.40 0.15	56.39 2.72 6.37	16.06 1.07 9.81	40.15 1.05 -14.78	72.72 2.73 -4.40	125.05 4.37 -9.48	136.26 0.52 -124.22	42.94 0.94 -22.03
BOC_GAS_DRP 24189	187.85 -0.59 -209.86	142.02 -0.32 -153.68	129.85 0.54 -110.17	113.71 0.14 -108.53	80.63 1.01 -49.79	123.16 4.29 0.00	126.70 4.41 0.00	113.15 3.83 -4.69	91.63 3.13 -7.74	29.71 1.37 4.62	9.52 0.91 13.32	-8.28 0.27 15.96	51.35 2.11 7.42	13.89 0.98 11.37	14.40 1.08 13.28	35.94 1.93 12.56	47.79 2.15 6.90	46.44 2.41 16.00	-3.00 0.98 28.77	26.47 0.97 -1.18	65.85 2.54 2.27	122.40 4.06 -7.14	136.58 0.47 -124.60	39.94 0.84 -19.12
BOONVILLE_115KV_TB1 79983	-15.70 -0.07 -5.79	-8.05 -0.02 -3.30	18.33 0.03 0.84	7.80 0.07 -2.69	31.68 0.46 -1.39	121.41 2.54 0.00	125.77 3.48 0.00	107.54 3.34 0.42	81.81 2.53 1.48	33.98 1.03 0.00	10.96 0.66 11.64	7.59 0.18 0.00	57.73 1.06 0.00	24.45 0.48 0.31	41.73 0.51 -14.61	57.01 1.12 -9.32	55.99 1.43 -2.03	68.43 1.52 -6.88	45.10 0.67 -19.63	38.11 0.57 -13.21	67.09 1.26 -0.24	113.31 1.82 -0.30	19.05 0.14 -7.41	34.04 0.23 -13.83
BORALEX_4TH_BRANCH 23824	187.39 -1.05 -209.86	141.79 -0.55 -153.68	130.25 0.94 -110.18	113.81 0.24 -108.54	81.40 1.78 -49.79	126.65 7.78 0.00	130.17 7.89 0.00	119.78 6.96 -8.19	107.24 5.54 -20.94	37.40 2.30 -2.15	29.56 1.41 -6.21	15.23 0.38 -7.44	63.16 3.04 -3.46	31.08 1.50 -5.30	34.72 1.92 -6.19	56.08 3.65 -5.86	66.14 3.93 -9.68	71.91 4.43 -7.46	45.56 1.84 -18.92	68.34 1.84 -42.17	84.97 5.08 -14.29	132.66 8.25 -13.21	140.26 0.83 -127.92	48.47 1.48 -27.02
BOWLINE___1 23526	133.71 -1.39 -156.52	102.56 -0.72 -114.62	102.55 1.24 -82.17	86.32 0.33 -80.95	69.09 2.12 -37.13	127.51 8.64 0.00	131.62 9.33 0.00	115.02 8.08 -2.31	63.79 6.60 23.57	73.32 2.79 -37.57	132.20 1.85 -108.41	137.86 0.61 -129.84	121.71 4.70 -60.35	118.89 2.11 -92.51	136.92 2.27 -108.05	152.84 4.06 -102.20	152.19 4.37 -95.29	195.27 5.08 -130.17	282.45 2.10 -255.55	216.21 2.12 -189.77	169.72 5.48 -98.65	162.44 9.16 -42.09	125.47 0.95 -113.02	83.81 1.71 -62.13
BOWLINE___2 23595	133.75 -1.36 -156.53	102.58 -0.71 -114.63	102.53 1.21 -82.18	86.32 0.32 -80.95	69.05 2.08 -37.14	127.33 8.46 0.00	131.45 9.17 0.00	114.98 8.04 -2.31	63.77 6.61 23.60	73.32 2.79 -37.58	132.22 1.85 -108.43	137.88 0.62 -129.86	121.72 4.70 -60.36	118.91 2.11 -92.52	136.94 2.27 -108.07	152.88 4.08 -102.22	152.21 4.37 -95.30	195.29 5.08 -130.19	282.49 2.11 -255.59	216.25 2.12 -189.80	169.75 5.49 -98.66	162.47 9.17 -42.10	125.48 0.95 -113.03	83.82 1.71 -62.13
BRADY___115KV_TB2 356060	-17.59 1.40 -2.43	-16.94 0.90 6.50	-15.42 -1.53 33.03	3.24 -0.34 1.45	29.97 -0.55 -0.69	117.57 -1.30 0.00	119.44 -2.85 0.00	96.42 -2.14 6.07	56.71 -2.71 21.33	31.53 -1.42 0.00	-86.50 -1.13 107.31	7.15 -0.25 0.00	55.18 -1.48 0.00	19.08 -0.80 4.40	3.04 -0.97 22.60	29.97 -1.54 15.08	47.26 -2.02 3.26	47.83 -2.20 10.00	-9.50 -0.99 33.31	6.67 -0.82 16.83	64.07 -1.52 0.00	109.83 -1.37 0.00	1.24 -0.36 9.91	-3.74 -0.67 23.04
BRANSCOMB___SOLAR 323811	194.24 -0.97 -216.63	146.77 -0.52 -158.63	133.73 0.87 -113.72	117.30 0.22 -112.03	82.85 1.62 -51.39	126.01 7.14 0.00	130.04 7.75 0.00	121.90 6.91 -10.36	106.29 5.37 -20.15	33.68 2.12 1.39	19.16 1.24 4.02	2.94 0.34 4.81	57.20 2.77 2.24	22.20 1.36 3.43	24.34 1.74 4.00	46.10 3.30 3.79	57.44 3.76 -1.15	59.54 4.34 4.82	22.68 1.80 3.92	57.76 1.75 -31.68	76.13 4.63 -5.91	128.94 7.34 -10.40	142.50 0.72 -130.27	44.92 1.27 -23.67
BRENTWOD_69_KV_W. BRTWOOD 56703	137.68 -2.42 -161.52	105.68 -1.26 -118.28	106.07 2.14 -84.79	89.13 0.56 -83.53	71.68 3.53 -38.32	133.36 14.49 0.00	175.08 15.71 -37.09	154.52 13.78 -36.11	146.01 11.11 -54.14	76.34 4.50 -38.88	136.78 3.01 -111.84	145.63 0.93 -137.30	127.52 7.23 -63.63	124.94 3.12 -97.54	144.02 3.49 -113.93	160.45 6.11 -107.77	160.15 7.21 -100.40	205.84 8.18 -137.64	297.22 3.00 -269.42	234.91 2.89 -207.70	179.93 8.92 -105.42	171.35 14.66 -45.49	130.12 1.57 -117.04	87.88 2.81 -65.10

BRISTLHL_115KV_TB1 79998	-7.53 0.67 -13.23	-1.54 0.33 -9.46	24.59 -0.57 -6.02	11.65 -0.15 -6.77	32.12 -0.86 -3.14	115.32 -3.55 0.00	118.81 -3.48 0.00	101.59 -3.05 0.00	78.57 -2.19 0.00	32.21 -0.75 0.00	18.85 -0.42 2.68	7.26 -0.14 0.00	54.88 -1.79 0.00	23.63 -0.65 0.00	24.21 -0.73 1.66	44.14 -1.38 1.06	51.04 -1.56 -0.06	57.52 -1.73 0.78	21.91 -0.63 2.25	22.85 -0.67 0.80	64.20 -1.95 -0.57	108.52 -3.38 -0.71	18.75 -0.24 -7.48	19.58 -0.42 -0.02
BROOKHAVEN___DRP 24191	137.69 -2.41 -161.52	105.69 -1.25 -118.28	106.06 2.12 -84.79	89.13 0.55 -83.53	71.66 3.50 -38.32	133.41 14.54 0.00	175.08 15.71 -37.09	154.51 13.77 -36.11	145.55 10.98 -53.81	75.75 4.07 -38.72	135.81 2.69 -111.17	145.47 0.82 -137.24	126.68 6.39 -63.63	124.56 2.74 -97.54	143.62 3.09 -113.93	159.78 5.44 -107.77	159.58 6.65 -100.40	205.09 7.43 -137.63	296.74 2.53 -269.42	234.52 2.49 -207.70	179.07 8.09 -105.39	169.75 13.24 -45.31	129.98 1.43 -117.04	87.69 2.61 -65.10
BROOKLYN_NAVY_YARD 23515	138.44 -1.62 -161.49	106.05 -0.86 -118.25	105.39 1.47 -84.78	88.94 0.39 -83.52	70.60 2.46 -38.31	128.90 10.03 0.00	133.13 10.84 0.00	116.94 9.93 -2.38	131.73 8.24 -42.72	76.05 3.50 -39.60	138.54 2.33 -114.27	145.03 0.76 -136.86	126.15 5.88 -63.61	124.41 2.62 -97.51	143.27 2.77 -113.89	159.16 4.86 -107.73	158.12 5.22 -100.36	203.24 6.01 -137.20	296.54 2.41 -269.33	226.47 2.44 -199.71	175.83 6.40 -103.83	166.22 10.85 -44.18	129.68 1.16 -117.01	87.13 2.07 -65.07
BROOKLYN___ARMY_DRP 323595	138.19 -1.88 -161.50	107.70 -1.00 -120.03	105.65 1.72 -84.79	96.25 0.45 -90.76	97.50 2.85 -64.82	130.02 11.14 -0.01	134.59 12.19 -0.12	120.96 11.11 -5.22	138.16 9.13 -48.27	120.75 3.90 -83.90	156.33 2.59 -131.81	162.72 0.86 -154.47	152.94 6.49 -89.78	149.83 2.93 -122.63	164.90 3.19 -135.10	204.44 5.51 -152.35	170.15 5.98 -111.63	214.39 6.87 -147.49	311.37 2.77 -283.81	239.90 2.77 -212.81	188.24 7.24 -115.41	182.47 12.23 -59.04	134.88 1.31 -122.07	87.38 2.32 -65.08
BROOKVLE_69_KV_TB1 55790	138.11 -2.00 -161.52	105.90 -1.04 -118.28	105.71 1.78 -84.79	89.04 0.47 -83.53	71.12 2.97 -38.32	130.97 12.10 0.00	172.48 13.10 -37.09	152.39 11.65 -36.11	150.20 9.55 -59.88	78.63 4.05 -41.63	148.19 2.72 -123.54	146.52 0.86 -138.25	127.07 6.78 -63.63	124.78 2.97 -97.54	143.81 3.27 -113.93	160.06 5.72 -107.77	159.38 6.44 -100.40	205.22 7.35 -137.84	297.08 2.86 -269.43	234.83 2.80 -207.70	179.45 7.79 -106.07	173.08 13.23 -48.66	129.93 1.38 -117.04	87.52 2.44 -65.10
BROOME_2_LFGE 323671	34.56 0.20 -55.78	29.59 0.09 -40.85	48.27 -0.16 -29.28	33.86 -0.03 -28.85	43.04 -0.03 -13.23	118.73 -0.14 0.00	122.38 0.10 0.00	105.64 0.07 -0.94	84.25 0.41 -3.08	36.69 0.25 -3.49	32.26 0.26 -10.06	19.55 0.09 -12.06	62.80 0.53 -5.60	33.20 0.34 -8.59	37.03 0.39 -10.03	56.94 0.87 -9.49	63.03 0.79 -9.71	73.28 0.82 -12.43	49.32 0.43 -24.09	46.15 0.27 -21.56	76.97 0.46 -10.92	117.56 0.24 -6.12	46.98 0.07 -35.41	30.67 0.12 -10.58
BROOME___LFGE 323600	34.56 0.20 -55.78	29.59 0.09 -40.85	48.27 -0.16 -29.28	33.86 -0.03 -28.85	43.04 -0.03 -13.23	118.73 -0.14 0.00	122.38 0.10 0.00	105.64 0.07 -0.94	84.25 0.41 -3.08	36.69 0.25 -3.49	32.26 0.26 -10.06	19.55 0.09 -12.06	62.80 0.53 -5.60	33.20 0.34 -8.59	37.03 0.39 -10.03	56.94 0.87 -9.49	63.03 0.79 -9.71	73.28 0.82 -12.43	49.32 0.43 -24.09	46.15 0.27 -21.56	76.97 0.46 -10.92	117.56 0.24 -6.12	46.98 0.07 -35.41	30.67 0.12 -10.58
BROWNFLS_115KV_TB_3_5 80003	-14.91 1.52 -4.98	-11.71 0.89 1.26	-0.10 -1.49 17.75	5.71 -0.30 -0.97	30.01 -1.07 -1.25	115.55 -3.32 0.00	118.76 -3.52 0.00	98.56 -2.56 3.52	65.67 -2.74 12.35	31.67 -1.28 0.00	-34.69 -1.00 55.64	7.09 -0.31 0.00	54.09 -2.57 0.00	20.52 -1.21 2.55	-6.21 -1.44 31.38	23.86 -2.27 20.45	45.87 -2.46 4.21	42.83 -2.84 14.36	-20.50 -1.18 44.12	-2.32 -1.15 25.50	62.86 -2.92 -0.19	107.01 -4.42 -0.24	2.48 -0.62 8.40	-10.66 -1.10 29.55
BROWNSV1_27_KV_LOAD 356125	138.15 -1.91 -161.49	105.91 -1.01 -118.25	105.64 1.72 -84.78	89.01 0.45 -83.52	70.99 2.85 -38.31	130.47 11.60 0.00	134.89 12.60 0.00	118.47 11.46 -2.38	132.92 9.44 -42.72	76.54 3.99 -39.60	138.87 2.66 -114.27	145.14 0.88 -136.86	127.01 6.73 -63.61	124.80 3.02 -97.51	143.76 3.26 -113.89	159.96 5.66 -107.73	159.14 6.25 -100.36	204.34 7.11 -137.20	296.98 2.85 -269.33	226.88 2.85 -199.71	177.01 7.59 -103.83	168.09 12.72 -44.18	129.85 1.33 -117.01	87.42 2.36 -65.07
BURROWS___LYONSDAL 23803	-15.27 0.19 -5.96	-8.13 0.12 -3.08	16.76 -0.20 2.18	7.74 0.03 -2.66	31.48 0.22 -1.43	120.52 1.65 0.00	124.94 2.66 0.00	106.61 2.67 0.70	80.22 1.92 2.45	33.69 0.74 0.00	6.97 0.46 15.42	7.51 0.10 0.00	57.06 0.39 0.00	23.93 0.16 0.51	25.04 0.16 1.73	45.94 0.54 1.17	53.23 0.83 0.14	60.10 0.82 0.74	22.53 0.38 2.64	23.71 0.28 0.89	66.29 0.45 -0.25	111.99 0.48 -0.31	14.07 -0.02 -2.58	18.78 -0.02 1.18
CAITHNESS_CC_1 323624	137.75 -2.35 -161.52	105.72 -1.21 -118.28	106.00 2.07 -84.79	89.11 0.54 -83.53	71.56 3.41 -38.32	133.00 14.13 0.00	174.61 15.23 -37.09	154.10 13.36 -36.11	145.25 10.69 -53.81	75.74 4.06 -38.72	135.79 2.69 -111.16	145.47 0.82 -137.24	126.67 6.37 -63.63	124.55 2.73 -97.54	143.53 3.00 -113.93	159.76 5.42 -107.77	159.36 6.43 -100.40	204.95 7.29 -137.63	296.65 2.43 -269.42	234.52 2.50 -207.70	178.90 7.92 -105.39	169.64 13.13 -45.31	129.97 1.42 -117.04	87.67 2.59 -65.10
CALPINE BETH_PAGE_GT4 24209	138.06 -2.05 -161.52	105.87 -1.07 -118.28	105.76 1.83 -84.79	89.05 0.48 -83.53	71.16 3.01 -38.32	130.86 11.99 0.00	172.41 13.03 -37.09	152.29 11.55 -36.11	148.27 9.48 -58.02	77.72 4.03 -40.74	144.45 2.77 -119.74	146.19 0.85 -137.94	127.01 6.71 -63.63	124.73 2.91 -97.54	143.76 3.23 -113.93	159.95 5.60 -107.77	159.15 6.22 -100.40	204.83 7.05 -137.76	296.96 2.73 -269.43	234.72 2.69 -207.70	179.24 7.79 -105.86	171.80 12.98 -47.63	129.97 1.42 -117.04	87.64 2.56 -65.10
CALPINE_BETH_PAGE_GT_4 323586	138.06 -2.05 -161.52	105.87 -1.07 -118.28	105.76 1.83 -84.79	89.05 0.47 -83.53	71.17 3.01 -38.32	130.86 11.99 0.00	172.40 13.03 -37.09	152.28 11.54 -36.11	148.26 9.48 -58.02	77.72 4.02 -40.74	144.44 2.76 -119.74	146.19 0.85 -137.94	126.96 6.67 -63.63	124.71 2.89 -97.54	143.68 3.14 -113.93	159.93 5.58 -107.77	159.02 6.08 -100.40	204.75 6.97 -137.76	296.91 2.69 -269.43	234.73 2.71 -207.70	179.15 7.70 -105.86	171.81 12.98 -47.63	129.96 1.42 -117.04	87.64 2.56 -65.10
CALPINE_BP_GT1 23823	138.06 -2.05 -161.52	105.87 -1.07 -118.28	105.76 1.83 -84.79	89.05 0.47 -83.53	71.17 3.01 -38.32	130.86 11.99 0.00	172.40 13.03 -37.09	152.28 11.54 -36.11	148.26 9.48 -58.02	77.72 4.02 -40.74	144.44 2.76 -119.74	146.19 0.85 -137.94	126.96 6.67 -63.63	124.71 2.89 -97.54	143.68 3.14 -113.93	159.93 5.58 -107.77	159.02 6.08 -100.40	204.75 6.97 -137.76	296.91 2.69 -269.43	234.73 2.71 -207.70	179.15 7.70 -105.86	171.81 12.98 -47.63	129.96 1.42 -117.04	87.64 2.56 -65.10
CALSPAN___DRP 24200	9.57 2.07 -28.92	10.79 0.95 -21.17	32.71 -1.61 -15.18	19.57 -0.42 -14.95	34.54 -2.15 -6.86	109.81 -9.06 0.00	113.07 -9.22 0.00	96.27 -8.81 -0.45	75.86 -6.40 -1.50	32.32 -2.40 -1.77	25.97 -1.07 -5.10	13.30 -0.23 -6.13	57.03 -2.48 -2.85	27.76 -0.87 -4.36	30.73 -0.95 -5.08	50.07 -1.33 -4.82	55.91 -1.56 -4.93	64.42 -1.72 -6.11	36.03 -0.94 -12.17	33.93 -1.25 -10.85	67.27 -3.87 -5.55	107.27 -7.05 -3.13	29.08 -0.70 -18.28	24.17 -1.23 -5.42

CALVERTON___SOLAR 323806	137.63 -2.47 -161.52	105.66 -1.28 -118.28	106.11 2.18 -84.79	89.14 0.57 -83.53	71.74 3.59 -38.32	133.77 14.90 0.00	175.47 16.10 -37.09	154.86 14.12 -36.11	145.82 11.25 -53.82	75.77 4.09 -38.72	135.80 2.68 -111.18	145.46 0.81 -137.24	126.59 6.30 -63.63	124.52 2.70 -97.54	143.52 2.99 -113.93	159.78 5.44 -107.77	159.53 6.60 -100.40	205.10 7.44 -137.63	296.67 2.45 -269.42	234.55 2.52 -207.70	179.06 8.07 -105.39	169.92 13.41 -45.31	129.99 1.44 -117.04	87.71 2.64 -65.10
CANDIGU_WT_PWR 323617	18.60 1.30 -38.73	17.65 0.63 -28.36	38.41 -1.06 -20.33	24.76 -0.31 -20.03	37.41 -1.61 -9.19	111.76 -7.11 0.00	115.23 -7.05 0.00	98.85 -6.40 -0.61	78.54 -4.27 -2.05	33.78 -1.58 -2.40	28.06 -0.79 -6.91	15.44 -0.25 -8.29	58.01 -2.51 -3.85	29.29 -0.89 -5.90	32.53 -0.96 -6.89	51.98 -1.12 -6.52	58.05 -1.15 -6.67	67.72 -1.36 -9.05	40.81 -0.50 -16.51	38.29 -0.77 -14.73	70.61 -2.49 -7.51	109.94 -5.48 -4.22	35.55 -0.50 -24.54	26.40 -0.89 -7.31
CARR STREET_E_SYR 24060	-4.31 0.43 -16.69	0.91 0.21 -12.05	26.83 -0.36 -8.05	13.51 -0.10 -8.57	33.29 -0.50 -3.96	116.80 -2.07 0.00	120.51 -1.78 0.00	103.16 -1.47 0.00	80.20 -0.90 -0.34	33.72 -0.22 -0.99	22.53 -0.07 -0.66	10.79 -0.02 -3.41	57.63 -0.61 -1.58	26.58 -0.13 -2.43	29.31 -0.13 -2.84	48.98 -0.28 -2.68	54.97 -0.32 -2.76	63.04 -0.40 -3.41	31.41 -0.05 -6.67	29.61 -0.15 -5.43	68.06 -0.66 -3.13	111.27 -1.71 -1.78	21.93 -0.12 -10.54	22.87 -0.20 -3.09
CARTHAGE___PAPER 23857	-12.75 0.61 -8.07	-7.27 0.36 -3.71	13.71 -0.57 4.85	8.46 -0.03 -3.45	31.71 -0.07 -1.94	119.79 0.93 0.00	124.42 2.13 0.00	105.53 2.37 1.48	76.88 1.32 5.20	33.35 0.39 0.00	-3.12 0.14 25.20	7.38 -0.02 0.00	55.63 -1.04 0.00	22.69 -0.51 1.07	-4.07 -0.67 30.00	26.42 -0.79 19.37	48.55 -0.12 3.87	45.96 -0.16 13.91	-16.63 -0.06 41.37	-0.93 -0.15 25.10	65.32 -0.60 -0.33	110.45 -1.17 -0.42	6.39 -0.24 4.88	-7.58 -0.47 27.10
CASSADAGA_WT_PWR 323784	10.71 1.84 -30.30	11.62 0.77 -22.19	33.80 -1.24 -15.90	20.34 -0.37 -15.67	35.38 -1.64 -7.19	111.65 -7.22 0.00	114.93 -7.35 0.00	98.05 -7.05 -0.47	77.67 -4.67 -1.58	33.19 -1.62 -1.85	26.75 -0.55 -5.36	13.77 -0.07 -6.43	58.16 -1.50 -2.99	28.53 -0.32 -4.58	31.65 -0.29 -5.34	51.43 -0.20 -5.06	57.52 -0.19 -5.17	64.03 -0.65 -4.65	37.07 -0.51 -12.78	34.79 -0.94 -11.40	68.90 -2.52 -5.83	109.54 -4.94 -3.28	30.21 -0.47 -19.17	24.83 -0.83 -5.69
CE_DUNWOOD___DRP 24194	138.19 -1.56 -161.17	105.87 -0.82 -118.02	105.15 1.40 -84.61	88.76 0.37 -83.35	70.44 2.37 -38.24	128.58 9.71 0.00	132.75 10.47 0.00	116.31 9.30 -2.38	132.78 7.66 -44.36	75.66 3.23 -39.48	138.01 2.16 -113.91	144.54 0.71 -136.43	125.53 5.45 -63.41	123.94 2.46 -97.20	142.82 2.69 -113.53	158.67 4.71 -107.39	157.78 5.20 -100.05	202.74 5.95 -136.77	295.67 2.41 -268.48	225.82 2.40 -199.10	175.45 6.35 -103.51	165.76 10.52 -44.05	129.37 1.10 -116.76	86.83 1.96 -64.89
CE_MILLWOOD___DRP 24193	137.64 -1.51 -160.57	105.46 -0.78 -117.58	104.78 1.35 -84.30	88.44 0.36 -83.04	70.22 2.29 -38.09	128.26 9.39 0.00	132.41 10.12 0.00	115.98 8.98 -2.37	133.62 7.40 -45.46	75.31 3.13 -39.23	137.23 2.09 -113.20	143.67 0.68 -135.58	124.94 5.26 -63.02	123.25 2.37 -96.60	142.03 2.60 -112.82	157.84 4.55 -106.72	157.01 5.04 -99.44	201.72 5.77 -135.92	293.95 2.34 -266.81	224.55 2.32 -197.90	174.66 6.18 -102.89	165.19 10.20 -43.80	128.85 1.06 -116.28	86.42 1.90 -64.54
CE_NYC2_DRP 24202	138.30 -1.77 -161.50	105.99 -0.93 -118.26	105.52 1.60 -84.78	88.98 0.42 -83.52	70.81 2.66 -38.31	129.49 10.62 0.00	133.82 11.53 0.00	117.58 10.56 -2.38	132.16 8.74 -42.66	76.26 3.70 -39.60	139.73 2.48 -115.32	145.34 0.81 -137.13	131.65 6.28 -68.71	128.45 2.81 -101.36	143.54 3.03 -113.90	159.54 5.23 -107.74	158.68 5.77 -100.37	203.77 6.52 -137.22	296.77 2.62 -269.36	226.68 2.62 -199.73	176.35 6.91 -103.84	166.97 11.59 -44.18	129.75 1.23 -117.02	87.27 2.21 -65.08
CE_NYC_DRP 24195	138.38 -1.68 -161.48	106.03 -0.89 -118.25	105.44 1.53 -84.78	88.95 0.40 -83.51	70.69 2.55 -38.31	129.26 10.39 0.00	133.52 11.24 0.00	117.26 10.25 -2.38	131.99 8.50 -42.73	76.17 3.62 -39.60	138.63 2.42 -114.27	145.06 0.79 -136.86	126.38 6.10 -63.61	124.53 2.75 -97.51	143.45 2.96 -113.88	159.41 5.11 -107.73	158.51 5.61 -100.36	203.59 6.37 -137.20	296.65 2.53 -269.32	226.56 2.53 -199.71	176.17 6.75 -103.83	166.66 11.29 -44.18	129.72 1.20 -117.01	87.18 2.13 -65.07
CHAFFEE___LFGE 323603	10.46 1.85 -30.02	11.48 0.84 -21.99	33.47 -1.43 -15.76	20.19 -0.38 -15.53	35.11 -1.85 -7.12	111.02 -7.84 0.00	114.44 -7.84 0.00	97.52 -7.57 -0.46	76.85 -5.47 -1.56	32.76 -2.04 -1.84	26.46 -0.79 -5.31	13.62 -0.15 -6.37	57.72 -1.90 -2.96	28.25 -0.56 -4.53	31.37 -0.52 -5.29	50.80 -0.79 -5.01	56.93 -0.73 -5.12	63.47 -1.12 -4.56	36.80 -0.66 -12.66	34.66 -0.95 -11.29	68.55 -2.81 -5.77	108.81 -5.64 -3.25	29.89 -0.60 -18.99	24.57 -1.05 -5.63
CHATEAUG_35_KV_LOAD 355732	-17.83 1.66 -1.93	-17.66 1.21 7.53	-18.80 -1.89 36.05	2.60 -0.51 1.93	29.06 -1.35 -0.58	114.44 -4.43 0.00	122.70 -5.45 -5.87	98.74 -4.71 1.18	60.07 -4.07 16.62	32.04 -1.82 -0.91	13.48 -1.31 7.14	9.47 -0.40 -2.48	60.51 -2.64 -6.49	19.16 -1.34 3.78	4.25 -1.49 20.86	34.58 -2.63 9.36	53.66 -2.78 -3.90	54.72 -3.13 2.19	-6.35 -1.38 29.77	10.92 -1.26 12.14	69.71 -2.83 -6.95	119.84 -4.39 -13.04	2.40 -0.61 8.49	-2.61 -1.02 21.57
CHATEAUG_WT_PWR 323614	-20.56 1.72 0.86	-19.82 1.27 9.74	-21.08 -1.99 38.23	1.08 -0.53 3.43	28.22 -1.53 0.08	113.79 -5.08 0.00	59.05 -6.28 56.95	39.99 -5.43 59.21	-10.60 -4.65 86.71	22.10 -2.04 8.81	0.64 -1.46 19.84	-17.15 -0.46 24.09	-9.53 -3.04 63.15	8.31 -1.49 14.46	4.54 -1.66 20.41	-15.40 -2.94 59.04	-21.40 -3.24 70.69	-20.19 -3.62 76.59	-21.13 -1.58 44.35	-20.33 -1.45 43.21	-5.43 -3.37 67.65	-21.02 -5.30 126.91	-10.33 -0.68 21.16	-3.30 -1.13 22.14
CHAT_HIGH_FALL_HYD 323578	-17.83 1.66 -1.93	-17.66 1.21 7.53	-18.80 -1.89 36.05	2.60 -0.51 1.93	29.06 -1.35 -0.58	114.44 -4.43 0.00	122.70 -5.45 -5.87	98.74 -4.71 1.18	60.07 -4.07 16.62	32.04 -1.82 -0.91	13.48 -1.31 7.14	9.47 -0.40 -2.48	60.51 -2.64 -6.49	19.16 -1.34 3.78	4.25 -1.49 20.86	34.58 -2.63 9.36	53.66 -2.78 -3.90	54.72 -3.13 2.19	-6.35 -1.38 29.77	10.92 -1.26 12.14	69.71 -2.83 -6.95	119.84 -4.39 -13.04	2.40 -0.61 8.49	-2.61 -1.02 21.57
CHAUTAUQUA___LFGE 323629	10.10 2.04 -29.48	11.14 0.89 -21.59	33.16 -1.46 -15.48	19.88 -0.41 -15.25	34.84 -1.98 -6.99	110.28 -8.59 0.00	113.60 -8.68 0.00	96.85 -8.24 -0.45	76.61 -5.69 -1.53	32.68 -2.08 -1.80	26.30 -0.84 -5.21	13.48 -0.17 -6.25	57.37 -2.20 -2.91	28.07 -0.65 -4.45	31.17 -0.62 -5.19	50.61 -0.89 -4.92	56.74 -0.82 -5.03	63.31 -1.35 -4.63	36.42 -0.80 -12.42	34.24 -1.16 -11.08	68.07 -3.18 -5.67	108.20 -6.19 -3.19	29.56 -0.60 -18.64	24.45 -1.06 -5.53
CHERRYST_13_KV_LD 356241	138.32 -1.74 -161.48	105.99 -0.92 -118.25	105.49 1.58 -84.78	88.97 0.41 -83.51	70.78 2.64 -38.31	129.64 10.77 0.00	133.98 11.69 0.00	117.65 10.64 -2.38	132.31 8.82 -42.73	76.31 3.76 -39.60	138.72 2.51 -114.27	145.09 0.82 -136.86	126.61 6.34 -63.61	124.64 2.85 -97.51	143.57 3.08 -113.88	159.61 5.31 -107.73	158.73 5.83 -100.36	203.86 6.63 -137.20	296.75 2.63 -269.32	226.65 2.62 -199.71	176.41 6.99 -103.83	167.05 11.67 -44.18	129.75 1.23 -117.01	87.24 2.19 -65.07

CHESTROR_138KV_BK263 355645	127.25 -1.27 -149.94	97.80 -0.66 -109.80	98.99 1.13 -78.71	82.89 0.30 -77.54	67.37 1.96 -35.57	126.85 7.98 0.00	130.92 8.64 0.00	114.45 7.60 -2.22	77.28 6.27 9.75	70.41 2.64 -34.82	124.18 1.75 -100.49	128.34 0.58 -120.36	116.99 4.39 -55.94	112.01 1.99 -85.75	128.96 2.20 -100.16	145.21 3.89 -94.74	145.27 4.30 -88.43	185.67 4.98 -120.66	263.76 2.04 -236.92	202.71 2.04 -176.35	162.60 5.36 -91.65	159.29 8.82 -39.28	120.11 0.91 -107.70	79.76 1.62 -58.15
CH_MIDHUDSON___DRP 24192	141.00 -1.56 -163.98	107.93 -0.82 -120.08	106.63 1.40 -86.09	90.22 0.37 -84.81	71.12 2.38 -38.90	128.74 9.87 0.00	132.95 10.66 0.00	116.56 9.45 -2.48	106.98 7.76 -18.47	75.22 3.26 -39.00	136.64 2.16 -112.54	142.90 0.70 -134.79	124.68 5.37 -62.65	122.75 2.44 -96.03	141.51 2.71 -112.19	157.51 4.81 -106.12	156.92 5.41 -98.97	201.41 6.23 -135.16	292.74 2.55 -265.39	224.18 2.53 -197.33	174.77 6.69 -102.49	165.96 10.98 -43.78	130.87 1.13 -118.24	86.65 1.99 -64.68
CH_MISC_IPPS 23765	137.84 -1.74 -161.00	105.65 -0.91 -117.90	105.20 1.54 -84.52	88.72 0.41 -83.26	70.64 2.61 -38.20	129.68 10.81 0.00	133.99 11.70 0.00	117.42 10.36 -2.43	107.19 8.46 -17.98	74.32 3.53 -37.84	133.47 2.33 -109.20	138.95 0.76 -130.78	123.24 5.79 -60.78	120.06 2.60 -93.18	138.32 2.85 -108.87	154.73 5.17 -102.97	154.38 5.77 -96.08	197.93 6.76 -131.15	285.12 2.79 -257.53	218.74 2.77 -191.65	172.37 7.24 -99.54	165.68 11.90 -42.59	128.59 1.22 -115.87	85.10 2.14 -62.98
CH_RES_BVR_FALLS 23983	-21.51 0.90 1.00	-22.09 0.59 11.34	-26.34 -0.99 44.48	0.82 -0.23 3.99	29.18 -0.56 0.09	116.87 -2.00 0.00	119.51 -2.78 0.00	94.27 -2.04 8.32	53.22 -1.84 25.70	32.03 -0.93 0.00	17.27 -0.68 3.99	7.17 -0.23 0.00	54.96 -1.70 0.00	13.27 -0.84 10.16	-8.97 -0.93 34.65	21.44 -1.56 23.58	45.50 -1.82 5.21	43.11 -2.01 14.90	-29.22 -0.80 53.22	-0.10 -0.82 23.60	63.32 -2.27 0.00	107.49 -3.70 0.00	-6.70 -0.42 17.79	-18.01 -0.73 37.26
CH_RES_NIAGARA 23895	8.22 2.91 -26.74	9.62 1.38 -19.58	30.84 -2.34 -14.03	18.25 -0.61 -13.83	32.96 -3.22 -6.34	105.52 -13.35 0.00	108.48 -13.80 0.00	92.01 -13.03 -0.41	72.19 -9.95 -1.38	30.69 -3.89 -1.63	24.64 -2.00 -4.70	12.53 -0.51 -5.64	54.69 -4.59 -2.62	26.46 -1.83 -4.01	29.26 -2.03 -4.68	47.71 -3.31 -4.44	53.25 -3.82 -4.54	61.28 -4.37 -5.62	33.97 -2.03 -11.20	32.06 -2.26 -9.99	64.19 -6.52 -5.12	102.56 -11.52 -2.89	27.23 -1.16 -16.89	22.97 -2.01 -5.00
CH_RES_SYRACUSE 23985	-2.10 0.18 -19.14	2.60 0.08 -13.86	28.41 -0.13 -9.41	14.85 -0.04 -9.85	34.22 -0.16 -4.54	118.13 -0.74 0.00	121.90 -0.39 0.00	104.33 -0.31 0.00	81.13 -0.02 -0.40	34.24 0.14 -1.14	23.46 0.16 -1.36	11.41 0.05 -3.95	58.45 -0.05 -1.83	27.22 0.13 -2.81	30.03 0.14 -3.29	49.91 0.22 -3.11	55.99 0.25 -3.20	64.26 0.27 -3.96	32.72 0.19 -7.74	30.68 0.06 -6.29	69.15 -0.06 -3.62	112.72 -0.53 -2.05	23.63 0.02 -12.11	23.57 0.02 -3.56
CLINTON_WT_PWR 323605	-20.56 1.72 0.86	-19.82 1.27 9.74	-21.08 -1.99 38.23	1.08 -0.53 3.43	28.22 -1.53 0.08	113.79 -5.08 0.00	59.05 -6.28 56.95	39.99 -5.43 59.21	-10.60 -4.65 86.71	22.10 -2.04 8.81	0.64 -1.46 19.84	-17.15 -0.46 24.09	-9.53 -3.04 63.15	8.31 -1.49 14.46	4.54 -1.66 20.41	-15.40 -2.94 59.04	-21.40 -3.24 70.69	-20.19 -3.62 76.59	-21.13 -1.58 44.35	-20.33 -1.45 43.21	-5.43 -3.37 67.65	-21.02 -5.30 126.91	-10.33 -0.68 21.16	-3.30 -1.13 22.14
CLINTON___LFGE 323618	-21.01 1.27 0.85	-19.98 1.05 9.70	-20.53 -1.62 38.04	1.20 -0.43 3.41	28.75 -1.00 0.08	115.97 -2.89 0.00	160.13 -4.10 -41.94	132.84 -3.70 -31.91	100.38 -3.33 -22.95	37.99 -1.44 -6.48	30.97 -1.10 -10.13	24.77 -0.34 -17.70	100.90 -2.17 -46.40	25.42 -1.08 -2.22	4.91 -1.16 20.53	64.00 -2.05 -19.48	97.08 -2.19 -46.73	98.45 -2.34 -40.76	3.09 -1.02 20.68	29.65 -0.94 -6.27	113.31 -2.00 -49.72	201.39 -3.08 -93.27	9.88 -0.48 1.15	-1.52 -0.73 20.77
COBBLENY_34_KV_TB1 80064	10.45 1.85 -30.02	11.49 0.84 -21.99	33.47 -1.43 -15.76	20.19 -0.38 -15.53	35.11 -1.84 -7.12	111.02 -7.85 0.00	114.42 -7.86 0.00	97.47 -7.63 -0.46	76.83 -5.49 -1.56	32.76 -2.04 -1.84	26.41 -0.83 -5.31	13.62 -0.15 -6.37	57.70 -1.93 -2.96	28.17 -0.63 -4.53	31.22 -0.67 -5.29	50.74 -0.85 -5.01	56.61 -1.05 -5.12	65.27 -1.12 -6.35	36.79 -0.66 -12.66	34.70 -0.92 -11.29	68.34 -3.03 -5.77	108.84 -5.61 -3.25	29.89 -0.60 -18.99	24.57 -1.05 -5.63
COFFEEN___115KV_TB3 355620	-11.92 0.40 -9.10	-6.26 0.24 -4.85	16.01 -0.37 2.76	9.17 0.02 -4.11	32.14 0.12 -2.18	120.64 1.77 0.00	125.59 3.30 0.00	106.90 3.49 1.22	78.79 2.31 4.29	33.75 0.79 0.00	1.39 0.40 20.95	7.45 0.05 0.00	55.82 -0.84 0.00	23.00 -0.39 0.88	1.41 -0.51 24.68	30.09 -0.55 15.93	49.87 0.46 3.13	49.25 0.66 11.44	-8.95 0.28 34.02	3.95 0.14 20.52	66.16 0.19 -0.38	111.67 0.00 -0.48	8.87 -0.12 2.52	-2.30 -0.28 22.00
COLDSPRG_115KV_BK1 355956	11.53 1.36 -31.59	12.39 0.60 -23.13	34.76 -0.96 -16.58	21.11 -0.26 -16.34	36.24 -1.09 -7.49	113.99 -4.88 0.00	117.22 -5.07 0.00	100.05 -5.07 -0.49	79.16 -3.25 -1.65	33.84 -1.06 -1.94	27.34 -0.20 -5.60	14.18 0.05 -6.72	59.46 -0.32 -3.12	29.17 0.11 -4.78	32.30 0.12 -5.58	52.50 0.64 -5.29	58.30 0.36 -5.40	67.06 0.32 -6.70	38.08 -0.07 -13.36	35.75 -0.49 -11.91	69.85 -1.83 -6.09	111.34 -3.28 -3.43	31.17 -0.32 -19.99	25.38 -0.54 -5.93
COLONIE_LFGE___ 323577	191.69 -0.82 -213.94	144.88 -0.44 -156.66	132.19 0.73 -112.31	115.86 0.18 -110.64	81.99 1.40 -50.75	124.97 6.10 0.00	128.64 6.35 0.00	119.56 5.63 -9.30	103.77 4.49 -18.52	34.80 1.85 0.00	23.08 1.14 0.00	7.73 0.33 0.00	59.24 2.57 0.00	25.51 1.24 0.00	28.12 1.51 0.00	49.39 2.82 0.00	60.18 3.15 -4.50	63.62 3.59 0.00	31.22 1.49 -4.94	61.05 1.48 -35.25	78.69 3.91 -9.20	128.97 6.27 -11.50	141.48 0.64 -129.33	46.11 1.15 -24.98
COOPERNY_115KV_TB1 80082	100.86 -0.91 -123.19	78.40 -0.47 -90.21	84.62 0.81 -64.67	68.97 0.22 -63.71	60.49 1.43 -29.23	124.65 5.79 0.00	128.59 6.31 0.00	112.00 5.53 -1.84	84.93 4.61 0.44	58.87 1.96 -23.95	92.37 1.30 -69.13	90.62 0.43 -82.79	98.41 3.26 -38.48	84.75 1.49 -58.98	97.16 1.66 -68.90	114.66 2.91 -65.17	116.99 3.21 -61.25	146.72 3.70 -83.00	189.46 1.53 -163.14	148.96 1.51 -123.12	133.46 3.96 -63.91	145.77 6.48 -28.10	98.37 0.67 -86.20	63.51 1.19 -42.34
COPENHAGEN_WT_PWR 323753	-11.19 0.85 -9.38	-5.72 0.47 -5.15	16.18 -0.75 2.21	9.26 -0.07 -4.29	31.64 -0.45 -2.25	118.30 -0.57 0.00	123.00 0.71 0.00	104.60 1.11 1.15	77.16 0.45 4.04	33.07 0.11 0.00	2.11 -0.02 19.82	7.31 -0.09 0.00	54.68 -1.98 0.00	22.57 -0.88 0.83	2.31 -1.04 23.26	30.14 -1.43 15.01	48.79 -0.81 2.93	48.26 -0.99 10.78	-7.68 -0.41 32.07	4.49 -0.53 19.30	64.40 -1.58 -0.39	108.80 -2.88 -0.49	9.22 -0.39 1.89	-1.40 -0.74 20.64
CORNELL_____ 23752	17.31 -0.21 -38.94	17.04 -0.13 -28.51	39.79 0.21 -20.44	25.23 0.06 -20.14	39.57 0.50 -9.24	120.96 2.10 0.00	125.00 2.72 0.00	107.73 2.44 -0.66	85.15 2.24 -2.15	36.33 0.96 -2.41	28.21 0.69 -5.58	15.96 0.22 -8.34	61.97 1.43 -3.87	30.95 0.74 -5.94	34.40 0.85 -6.93	54.85 1.71 -6.56	61.17 1.92 -6.72	70.65 2.28 -8.35	42.49 1.03 -16.66	40.10 0.83 -14.95	75.07 1.91 -7.57	118.02 2.57 -4.25	36.49 0.29 -24.69	27.83 0.50 -7.35

CORONA V_69_KV_TB1 355595	138.10 -2.00 -161.52	105.90 -1.04 -118.28	105.72 1.79 -84.79	89.05 0.47 -83.53	71.13 2.98 -38.32	131.00 12.13 0.00	172.43 13.06 -37.09	152.33 11.58 -36.11	171.76 9.51 -81.48	89.03 4.11 -51.97	192.28 2.77 -167.58	150.07 0.85 -141.82	127.07 6.77 -63.63	124.75 2.93 -97.54	143.76 3.22 -113.93	159.98 5.64 -107.77	159.38 6.44 -100.40	205.78 7.34 -138.40	297.17 2.93 -269.44	234.93 2.91 -207.70	182.20 8.11 -108.50	185.21 13.45 -60.57	129.94 1.39 -117.04	87.55 2.47 -65.10
CORTLAND_115KV_TB3 80093	10.57 -0.05 -32.05	12.08 -0.04 -23.46	36.04 0.07 -16.82	21.63 0.02 -16.57	37.69 0.25 -7.60	119.99 1.12 0.00	123.91 1.62 0.00	106.58 1.44 -0.51	83.89 1.43 -1.69	35.61 0.69 -1.97	26.26 0.51 -3.80	14.38 0.17 -6.80	60.80 0.97 -3.16	29.66 0.54 -4.85	32.89 0.62 -5.66	53.16 1.23 -5.36	59.33 1.31 -5.48	68.35 1.51 -6.81	39.07 0.71 -13.57	36.99 0.54 -12.12	72.97 1.20 -6.18	116.11 1.44 -3.48	31.99 0.18 -20.29	26.32 0.32 -6.03
COXSACKIE__GT 23611	175.11 -1.77 -198.30	132.92 -0.95 -145.21	124.82 1.58 -104.10	108.01 0.42 -102.55	79.67 2.79 -47.04	130.73 11.86 0.00	135.04 12.75 0.00	120.55 11.13 -4.79	100.55 8.52 -11.26	41.37 3.49 -4.92	38.29 2.17 -14.19	25.06 0.66 -17.00	69.16 4.60 -7.90	38.30 1.91 -12.11	42.93 2.17 -14.15	64.72 4.76 -13.38	74.84 6.09 -16.21	83.89 6.82 -17.04	62.32 1.68 -35.84	71.39 1.52 -45.55	90.00 3.85 -20.56	132.08 5.81 -15.07	134.99 1.20 -122.28	50.89 2.01 -28.90
CPV_VALLEY__CC1 323721	117.73 -1.06 -140.21	90.78 -0.55 -102.67	93.68 0.94 -73.61	77.81 0.26 -72.51	64.76 1.67 -33.26	125.56 6.69 0.00	129.57 7.28 0.00	113.13 6.42 -2.07	83.78 5.38 2.35	66.30 2.29 -31.05	113.05 1.51 -89.60	115.21 0.50 -107.31	110.36 3.83 -49.87	102.46 1.73 -76.45	117.77 1.87 -89.30	134.39 3.34 -84.47	135.13 3.61 -78.98	171.79 4.19 -107.58	237.82 1.74 -211.28	183.88 1.75 -157.81	152.09 4.51 -82.00	154.05 7.48 -35.37	112.25 0.78 -99.96	73.98 1.40 -52.61
CPV_VALLEY__CC2 323722	117.73 -1.06 -140.21	90.78 -0.55 -102.67	93.68 0.94 -73.61	77.81 0.26 -72.51	64.76 1.67 -33.26	125.56 6.69 0.00	129.57 7.28 0.00	113.13 6.42 -2.07	83.78 5.38 2.35	66.30 2.29 -31.05	113.05 1.51 -89.60	115.21 0.50 -107.31	110.36 3.83 -49.87	102.46 1.73 -76.45	117.77 1.87 -89.30	134.39 3.34 -84.47	135.13 3.61 -78.98	171.79 4.19 -107.58	237.82 1.74 -211.28	183.88 1.75 -157.81	152.09 4.51 -82.00	154.05 7.48 -35.37	112.25 0.78 -99.96	73.98 1.40 -52.61
CRESCENT__HYD 24018	191.69 -0.82 -213.94	144.88 -0.44 -156.66	132.19 0.73 -112.31	115.86 0.18 -110.64	81.99 1.40 -50.75	124.97 6.10 0.00	128.64 6.35 0.00	119.56 5.63 -9.30	103.77 4.49 -18.52	34.80 1.85 0.00	23.08 1.14 0.00	7.73 0.33 0.00	59.24 2.57 0.00	25.51 1.24 0.00	28.12 1.51 0.00	49.39 2.82 0.00	60.18 3.15 -4.50	63.62 3.59 0.00	31.22 1.49 -4.94	61.05 1.48 -35.25	78.69 3.91 -9.20	128.97 6.27 -11.50	141.48 0.64 -129.33	46.11 1.15 -24.98
CRICKET__VALLEY_CC1 323756	148.66 -1.20 -171.28	113.46 -0.63 -125.43	110.14 1.08 -89.92	93.91 0.29 -88.58	72.37 1.90 -40.63	126.92 8.05 0.00	130.88 8.59 0.00	114.87 7.59 -2.65	116.06 6.31 -28.99	75.76 2.74 -40.07	139.36 1.80 -115.62	146.45 0.57 -138.47	125.42 4.39 -64.36	124.93 2.00 -98.66	144.09 2.25 -115.23	159.64 4.07 -109.00	158.73 4.49 -101.71	203.99 5.14 -138.82	299.55 2.12 -272.63	229.56 2.14 -203.09	176.61 5.62 -105.39	165.50 9.18 -45.12	135.63 0.96 -123.16	88.46 1.71 -66.77
CRICKET__VALLEY_CC2 323757	148.66 -1.20 -171.28	113.46 -0.63 -125.43	110.14 1.08 -89.92	93.91 0.29 -88.58	72.37 1.90 -40.63	126.92 8.05 0.00	130.88 8.59 0.00	114.87 7.59 -2.65	116.06 6.31 -28.99	75.76 2.74 -40.07	139.36 1.80 -115.62	146.45 0.57 -138.47	125.42 4.39 -64.36	124.93 2.00 -98.66	144.09 2.25 -115.23	159.64 4.07 -109.00	158.73 4.49 -101.71	203.99 5.14 -138.82	299.55 2.12 -272.63	229.56 2.14 -203.09	176.61 5.62 -105.39	165.50 9.18 -45.12	135.63 0.96 -123.16	88.46 1.71 -66.77
CRICKET__VALLEY_CC3 323758	148.66 -1.20 -171.28	113.46 -0.63 -125.43	110.14 1.08 -89.92	93.91 0.29 -88.58	72.37 1.90 -40.63	126.92 8.05 0.00	130.88 8.59 0.00	114.87 7.59 -2.65	116.06 6.31 -28.99	75.76 2.74 -40.07	139.36 1.80 -115.62	146.45 0.57 -138.47	125.42 4.39 -64.36	124.93 2.00 -98.66	144.09 2.25 -115.23	159.64 4.07 -109.00	158.73 4.49 -101.71	203.99 5.14 -138.82	299.55 2.12 -272.63	229.56 2.14 -203.09	176.61 5.62 -105.39	165.50 9.18 -45.12	135.63 0.96 -123.16	88.46 1.71 -66.77
CRUCIBLE_METL_DRP 24180	-2.10 0.18 -19.14	2.60 0.08 -13.86	28.41 -0.14 -9.41	14.85 -0.04 -9.85	34.22 -0.16 -4.54	118.13 -0.74 0.00	121.90 -0.39 0.00	104.33 -0.31 0.00	81.13 -0.02 -0.40	34.24 0.14 -1.14	23.46 0.15 -1.36	11.41 0.05 -3.95	58.45 -0.06 -1.83	27.21 0.12 -2.81	30.02 0.12 -3.29	49.90 0.21 -3.11	55.94 0.20 -3.20	64.27 0.28 -3.96	32.72 0.19 -7.74	30.69 0.07 -6.29	69.14 -0.07 -3.62	112.72 -0.53 -2.05	23.63 0.02 -12.11	23.57 0.03 -3.56
DAHOWA__HYDRO 323763	194.69 -0.99 -217.11	147.11 -0.53 -158.99	134.02 0.90 -113.98	117.56 0.23 -112.28	83.03 1.69 -51.51	126.35 7.49 0.00	130.45 8.17 0.00	122.44 7.29 -10.52	106.87 5.69 -20.42	33.66 2.24 1.54	18.79 1.29 4.44	2.44 0.36 5.32	57.08 2.88 2.47	21.90 1.41 3.79	23.98 1.80 4.43	45.87 3.48 4.19	57.27 3.94 -0.80	59.25 4.56 5.33	21.86 1.89 4.83	57.60 1.84 -31.44	76.02 4.85 -5.57	129.17 7.68 -10.29	142.75 0.75 -130.49	44.84 1.31 -23.56
DANC__LFGE 323619	-9.76 0.76 -10.90	-4.12 0.41 -6.81	19.32 -0.67 -0.85	10.19 -0.10 -5.25	31.82 -0.61 -2.60	117.14 -1.73 0.00	121.37 -0.91 0.00	103.40 -0.46 0.77	77.51 -0.55 2.71	32.76 -0.19 0.00	8.21 -0.14 13.59	7.29 -0.11 0.00	54.84 -1.82 0.00	22.97 -0.74 0.56	10.28 -0.87 15.46	35.23 -1.36 9.98	49.64 -1.04 1.85	51.64 -1.22 7.17	3.00 -0.48 21.32	11.15 -0.57 12.60	64.43 -1.62 -0.46	108.94 -2.84 -0.58	12.74 -0.32 -1.55	6.18 -0.62 13.18
DANSKAMMER__1 23586	137.84 -1.74 -161.00	105.65 -0.91 -117.90	105.20 1.54 -84.52	88.72 0.41 -83.26	70.64 2.61 -38.20	129.68 10.81 0.00	133.99 11.70 0.00	117.42 10.36 -2.43	107.19 8.46 -17.98	74.32 3.53 -37.84	133.47 2.33 -109.20	138.95 0.76 -130.78	123.24 5.79 -60.78	120.06 2.60 -93.18	138.32 2.85 -108.87	154.73 5.17 -102.97	154.38 5.77 -96.08	197.93 6.76 -131.15	285.12 2.79 -257.53	218.74 2.77 -191.65	172.37 7.24 -99.54	165.68 11.90 -42.59	128.59 1.22 -115.87	85.10 2.14 -62.98
DANSKAMMER__2 23589	137.84 -1.74 -161.00	105.65 -0.91 -117.90	105.20 1.54 -84.52	88.72 0.41 -83.26	70.64 2.61 -38.20	129.68 10.81 0.00	133.99 11.70 0.00	117.42 10.36 -2.43	107.19 8.46 -17.98	74.32 3.53 -37.84	133.47 2.33 -109.20	138.95 0.76 -130.78	123.24 5.79 -60.78	120.06 2.60 -93.18	138.32 2.85 -108.87	154.73 5.17 -102.97	154.38 5.77 -96.08	197.93 6.76 -131.15	285.12 2.79 -257.53	218.74 2.77 -191.65	172.37 7.24 -99.54	165.68 11.90 -42.59	128.59 1.22 -115.87	85.10 2.14 -62.98
DANSKAMMER__3 23590	137.84 -1.74 -161.00	105.65 -0.91 -117.90	105.20 1.54 -84.52	88.72 0.41 -83.26	70.64 2.61 -38.20	129.68 10.81 0.00	133.99 11.70 0.00	117.42 10.36 -2.43	107.19 8.46 -17.98	74.32 3.53 -37.84	133.47 2.33 -109.20	138.95 0.76 -130.78	123.24 5.79 -60.78	120.06 2.60 -93.18	138.32 2.85 -108.87	154.73 5.17 -102.97	154.38 5.77 -96.08	197.93 6.76 -131.15	285.12 2.79 -257.53	218.74 2.77 -191.65	172.37 7.24 -99.54	165.68 11.90 -42.59	128.59 1.22 -115.87	85.10 2.14 -62.98

DANSKAMMER___4 23591	137.84 -1.74 -161.00	105.65 -0.91 -117.90	105.20 1.54 -84.52	88.72 0.41 -83.26	70.64 2.61 -38.20	129.68 10.81 0.00	133.99 11.70 0.00	117.42 10.36 -2.43	107.19 8.46 -17.98	74.32 3.53 -37.84	133.47 2.33 -109.20	138.95 0.76 -130.78	123.24 5.79 -60.78	120.06 2.60 -93.18	138.32 2.85 -108.87	154.73 5.17 -102.97	154.38 5.77 -96.08	197.93 6.76 -131.15	285.12 2.79 -257.53	218.74 2.77 -191.65	172.37 7.24 -99.54	165.68 11.90 -42.59	128.59 1.22 -115.87	85.10 2.14 -62.98
DANSKAMMER___DIESEL 23592	137.84 -1.74 -161.00	105.65 -0.91 -117.90	105.20 1.54 -84.52	88.72 0.41 -83.26	70.64 2.61 -38.20	129.68 10.81 0.00	133.99 11.70 0.00	117.43 10.37 -2.43	107.20 8.46 -17.98	74.32 3.52 -37.84	133.47 2.34 -109.20	138.94 0.76 -130.78	123.24 5.79 -60.78	120.07 2.61 -93.18	138.37 2.90 -108.87	154.74 5.19 -102.97	154.48 5.87 -96.08	197.98 6.81 -131.15	285.13 2.80 -257.53	218.73 2.76 -191.65	172.41 7.29 -99.54	165.69 11.91 -42.59	128.59 1.22 -115.87	85.09 2.13 -62.98
DARBY___SOLAR 323810	194.26 -0.96 -216.65	146.79 -0.52 -158.65	133.74 0.87 -113.74	117.31 0.22 -112.04	82.85 1.62 -51.40	126.04 7.17 0.00	130.07 7.78 0.00	121.94 6.94 -10.37	106.33 5.40 -20.17	33.69 2.13 1.40	19.14 1.24 4.04	2.91 0.34 4.83	57.18 2.77 2.25	22.19 1.36 3.44	24.32 1.74 4.02	46.09 3.32 3.81	57.45 3.78 -1.13	59.54 4.36 4.85	22.64 1.81 3.96	57.75 1.76 -31.67	76.12 4.64 -5.89	128.94 7.35 -10.39	142.51 0.72 -130.28	44.91 1.27 -23.67
DASHVILLE___HYD 23610	142.73 -2.24 -166.39	109.34 -1.16 -121.84	108.46 1.97 -87.35	91.62 0.53 -86.05	72.65 3.34 -39.48	132.69 13.82 0.00	137.39 15.10 0.00	121.05 13.45 -2.98	107.11 10.80 -15.55	65.06 4.38 -27.73	104.79 2.83 -80.02	104.16 0.92 -95.84	108.09 6.88 -44.54	95.66 3.10 -68.28	109.93 3.55 -79.77	128.57 6.54 -75.46	131.57 7.61 -71.42	165.12 8.99 -96.10	217.82 3.68 -189.34	173.92 3.60 -145.99	150.08 9.47 -75.02	160.34 15.34 -33.81	127.21 1.53 -114.17	74.45 2.66 -51.80
DEERFIELD_69_KV_DEERFIELD LD 355887	137.59 -2.51 -161.52	105.64 -1.30 -118.28	106.16 2.22 -84.79	89.15 0.58 -83.53	71.81 3.65 -38.32	134.19 15.32 0.00	176.08 16.70 -37.09	155.43 14.69 -36.11	146.18 11.60 -53.82	75.82 4.14 -38.73	135.80 2.68 -111.19	145.44 0.80 -137.24	126.47 6.18 -63.63	124.47 2.65 -97.54	143.55 3.01 -113.93	159.75 5.40 -107.77	159.75 6.82 -100.40	205.27 7.61 -137.63	296.67 2.45 -269.42	234.45 2.42 -207.70	179.12 8.14 -105.39	170.11 13.59 -45.32	129.99 1.44 -117.04	87.72 2.64 -65.10
DELAWARE___LFGE 323621	51.64 -0.68 -73.74	42.30 -0.35 -54.00	58.46 0.61 -38.71	43.34 0.16 -38.14	48.43 1.11 -17.49	123.45 4.58 0.00	127.36 5.07 0.00	111.27 4.49 -2.15	90.37 3.70 -5.92	39.22 1.58 -4.69	36.56 1.09 -13.54	23.98 0.36 -16.21	66.99 2.79 -7.54	37.10 1.28 -11.55	41.52 1.42 -13.49	61.85 2.50 -12.76	68.35 2.78 -13.04	79.43 3.16 -16.25	58.99 1.30 -32.89	56.88 1.24 -31.32	83.40 3.17 -14.64	124.43 5.06 -8.17	58.89 0.52 -46.86	34.98 0.92 -14.08
DERFIELD_115KV_TB7 355931	-21.46 -0.04 0.00	-11.35 -0.01 0.00	19.16 0.02 0.00	5.05 0.01 0.00	30.02 0.18 0.00	119.88 1.01 0.00	123.39 1.10 0.00	105.99 0.97 -0.39	82.98 0.85 -1.37	33.33 0.38 0.00	20.55 0.24 1.63	7.47 0.07 0.00	57.12 0.46 0.00	24.80 0.24 -0.28	30.40 0.30 -3.49	49.37 0.52 -2.28	53.59 0.58 -0.48	62.29 0.66 -1.60	29.99 0.28 -4.91	27.45 0.26 -2.86	66.19 0.60 0.00	112.15 0.96 0.00	12.86 0.12 -1.24	23.55 0.22 -3.35
DOGLEVILLE___HYD 23807	-22.06 -0.64 0.00	-11.63 -0.29 0.00	19.59 0.45 0.00	5.14 0.10 0.00	30.68 0.84 0.00	123.31 4.44 0.00	127.57 5.28 0.00	109.61 4.58 -0.39	85.57 3.44 -1.37	34.23 1.28 0.00	20.95 0.63 1.63	7.58 0.18 0.00	57.90 1.23 0.00	25.17 0.61 -0.28	31.13 1.03 -3.49	51.06 2.20 -2.28	55.60 2.58 -0.48	64.82 3.20 -1.60	31.03 1.32 -4.91	28.42 1.23 -2.86	68.74 3.15 0.00	116.22 5.02 0.00	13.26 0.52 -1.24	24.25 0.93 -3.35
DUNKIRK___115KV_TB_200 55889	10.03 2.05 -29.40	11.10 0.90 -21.53	33.10 -1.48 -15.44	19.83 -0.41 -15.20	34.79 -2.02 -6.98	110.15 -8.71 0.00	113.50 -8.79 0.00	96.70 -8.39 -0.45	76.49 -5.80 -1.53	32.62 -2.13 -1.80	26.21 -0.92 -5.19	13.44 -0.19 -6.24	57.26 -2.30 -2.90	27.95 -0.76 -4.43	30.96 -0.82 -5.17	50.46 -1.02 -4.91	56.34 -1.21 -5.02	64.83 -1.41 -6.22	36.36 -0.82 -12.39	34.22 -1.15 -11.05	67.78 -3.46 -5.65	108.06 -6.32 -3.18	29.49 -0.61 -18.59	24.41 -1.09 -5.52
DUNKIRK___1 23563	10.03 2.05 -29.40	11.10 0.90 -21.53	33.10 -1.48 -15.44	19.83 -0.41 -15.20	34.79 -2.02 -6.98	110.15 -8.71 0.00	113.50 -8.79 0.00	96.70 -8.39 -0.45	76.49 -5.80 -1.53	32.62 -2.13 -1.80	26.21 -0.92 -5.19	13.44 -0.19 -6.24	57.26 -2.30 -2.90	27.95 -0.76 -4.43	30.96 -0.82 -5.17	50.46 -1.02 -4.91	56.34 -1.21 -5.02	64.83 -1.41 -6.22	36.36 -0.82 -12.39	34.22 -1.15 -11.05	67.78 -3.46 -5.65	108.06 -6.32 -3.18	29.49 -0.61 -18.59	24.41 -1.09 -5.52
DUNKIRK___2 23564	10.03 2.05 -29.40	11.10 0.90 -21.53	33.10 -1.48 -15.44	19.83 -0.41 -15.20	34.79 -2.02 -6.98	110.15 -8.71 0.00	113.50 -8.79 0.00	96.70 -8.39 -0.45	76.49 -5.80 -1.53	32.62 -2.13 -1.80	26.21 -0.92 -5.19	13.44 -0.19 -6.24	57.26 -2.30 -2.90	27.95 -0.76 -4.43	30.96 -0.82 -5.17	50.46 -1.02 -4.91	56.34 -1.21 -5.02	64.83 -1.41 -6.22	36.36 -0.82 -12.39	34.22 -1.15 -11.05	67.78 -3.46 -5.65	108.06 -6.32 -3.18	29.49 -0.61 -18.59	24.41 -1.09 -5.52
DUNKIRK___3 23565	9.71 2.08 -29.05	10.87 0.94 -21.27	32.85 -1.55 -15.25	19.64 -0.42 -15.02	34.64 -2.09 -6.89	109.92 -8.95 0.00	113.17 -9.12 0.00	96.42 -8.66 -0.45	76.16 -6.11 -1.51	32.47 -2.27 -1.78	26.06 -1.01 -5.13	13.34 -0.22 -6.16	57.08 -2.45 -2.86	27.82 -0.84 -4.38	30.81 -0.90 -5.11	50.23 -1.19 -4.84	56.08 -1.41 -4.95	64.54 -1.63 -6.14	36.13 -0.90 -12.23	34.00 -1.23 -10.91	67.46 -3.72 -5.58	107.60 -6.74 -3.14	29.22 -0.66 -18.37	24.26 -1.16 -5.45
DUNKIRK___4 23566	9.71 2.08 -29.05	10.87 0.94 -21.27	32.85 -1.55 -15.25	19.64 -0.42 -15.02	34.64 -2.09 -6.89	109.92 -8.95 0.00	113.17 -9.12 0.00	96.42 -8.66 -0.45	76.16 -6.11 -1.51	32.47 -2.27 -1.78	26.06 -1.01 -5.13	13.34 -0.22 -6.16	57.08 -2.45 -2.86	27.82 -0.84 -4.38	30.81 -0.90 -5.11	50.23 -1.19 -4.84	56.08 -1.41 -4.95	64.54 -1.63 -6.14	36.13 -0.90 -12.23	34.00 -1.23 -10.91	67.46 -3.72 -5.58	107.60 -6.74 -3.14	29.22 -0.66 -18.37	24.26 -1.16 -5.45
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	138.44 -1.63 -161.49	106.06 -0.85 -118.25	105.38 1.46 -84.78	88.94 0.38 -83.52	70.60 2.45 -38.31	128.88 10.01 0.00	133.11 10.82 0.00	116.67 9.66 -2.38	131.43 7.96 -42.71	75.91 3.35 -39.60	138.46 2.24 -114.28	145.01 0.74 -136.87	125.96 5.68 -63.61	124.34 2.56 -97.51	143.29 2.80 -113.89	159.18 4.87 -107.73	158.30 5.40 -100.37	203.39 6.16 -137.20	296.61 2.48 -269.33	226.51 2.47 -199.72	176.01 6.58 -103.83	166.30 10.92 -44.18	129.67 1.14 -117.01	87.08 2.03 -65.08
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	132.97 -1.57 -155.96	102.05 -0.81 -114.20	102.40 1.39 -81.87	86.07 0.37 -80.65	69.20 2.37 -37.00	128.55 9.68 0.00	132.84 10.55 0.00	116.30 9.31 -2.36	96.04 7.63 -7.65	71.88 3.16 -35.76	127.22 2.09 -103.19	131.68 0.68 -123.59	119.31 5.20 -57.44	114.68 2.36 -88.05	132.08 2.61 -102.86	148.54 4.67 -97.30	148.66 5.26 -90.86	190.06 6.12 -123.92	270.68 2.52 -243.36	208.25 2.49 -181.43	166.36 6.56 -94.21	162.40 10.76 -40.44	124.40 1.10 -111.79	81.87 1.93 -59.95

E179THST_138_KV_TB4_REV_LBMP_J 345001	138.37 -1.71 -161.50	106.03 -0.89 -118.26	105.44 1.52 -84.78	88.96 0.40 -83.52	70.69 2.55 -38.31	128.96 10.09 0.00	133.69 11.40 0.00	117.53 10.52 -2.38	132.05 8.63 -42.66	76.13 3.56 -39.60	138.57 2.34 -114.29	145.06 0.77 -136.88	126.17 5.88 -63.63	124.45 2.65 -97.53	143.38 2.87 -113.90	159.25 4.93 -107.74	158.39 5.48 -100.37	203.50 6.26 -137.22	296.66 2.50 -269.36	226.59 2.53 -199.73	176.13 6.70 -103.84	166.64 11.26 -44.18	129.72 1.19 -117.02	87.20 2.13 -65.08
E179THST_13_KV_LOAD 356214	138.26 -1.81 -161.50	105.98 -0.94 -118.26	105.53 1.61 -84.78	88.99 0.43 -83.52	70.83 2.68 -38.31	129.51 10.64 0.00	134.32 12.03 0.00	118.11 11.10 -2.38	132.50 9.07 -42.66	76.31 3.75 -39.60	138.68 2.46 -114.29	145.10 0.81 -136.88	126.52 6.22 -63.63	124.60 2.79 -97.53	143.54 3.03 -113.90	159.55 5.23 -107.74	158.73 5.82 -100.37	203.89 6.64 -137.22	296.82 2.66 -269.36	226.75 2.69 -199.73	176.54 7.11 -103.84	167.34 11.95 -44.18	129.79 1.26 -117.02	87.31 2.25 -65.08
EAST HAMPTON___GT 23717	137.84 -2.26 -161.52	105.77 -1.18 -118.28	105.95 2.01 -84.79	89.09 0.52 -83.53	71.46 3.30 -38.32	132.88 14.01 0.00	174.89 15.51 -37.09	154.46 13.72 -36.11	145.40 10.82 -53.82	75.47 3.79 -38.73	135.51 2.38 -111.19	145.33 0.69 -137.24	125.56 5.26 -63.63	124.07 2.25 -97.54	143.03 2.49 -113.93	159.09 4.75 -107.77	159.00 6.07 -100.40	204.41 6.75 -137.63	296.07 1.85 -269.42	233.97 1.94 -207.70	178.05 7.07 -105.39	168.86 12.34 -45.32	129.85 1.30 -117.04	87.45 2.38 -65.10
EAST RIVER___6 23660	138.37 -1.69 -161.48	106.02 -0.89 -118.25	105.44 1.53 -84.78	88.95 0.40 -83.51	70.70 2.55 -38.31	129.30 10.43 0.00	133.62 11.33 0.00	117.37 10.36 -2.38	132.12 8.63 -42.73	76.23 3.67 -39.60	138.66 2.45 -114.27	145.07 0.81 -136.86	126.47 6.20 -63.61	124.56 2.77 -97.51	143.44 2.95 -113.88	159.48 5.18 -107.73	158.48 5.59 -100.36	203.64 6.41 -137.20	296.66 2.53 -269.32	226.60 2.57 -199.71	176.16 6.74 -103.83	166.79 11.41 -44.18	129.72 1.21 -117.01	87.20 2.14 -65.07
EAST RIVER___7 23524	138.37 -1.69 -161.48	106.02 -0.89 -118.25	105.44 1.53 -84.78	88.95 0.40 -83.51	70.70 2.55 -38.31	129.30 10.43 0.00	133.62 11.33 0.00	117.37 10.36 -2.38	132.12 8.63 -42.73	76.23 3.67 -39.60	138.66 2.45 -114.27	145.07 0.81 -136.86	126.47 6.20 -63.61	124.56 2.77 -97.51	143.44 2.95 -113.88	159.48 5.18 -107.73	158.48 5.59 -100.36	203.64 6.41 -137.20	296.66 2.53 -269.32	226.60 2.57 -199.71	176.16 6.74 -103.83	166.79 11.41 -44.18	129.72 1.21 -117.01	87.20 2.14 -65.07
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	138.19 -1.56 -161.17	105.87 -0.82 -118.02	105.15 1.40 -84.61	88.76 0.37 -83.35	70.44 2.37 -38.24	128.58 9.71 0.00	132.75 10.47 0.00	116.31 9.30 -2.38	132.78 7.66 -44.36	75.66 3.23 -39.48	138.01 2.16 -113.91	144.54 0.71 -136.43	125.53 5.45 -63.41	123.94 2.46 -97.20	142.82 2.69 -113.53	158.67 4.71 -107.39	157.78 5.20 -100.05	202.74 5.95 -136.77	295.67 2.41 -268.48	225.82 2.40 -199.10	175.45 6.35 -103.51	165.76 10.52 -44.05	129.37 1.10 -116.76	86.83 1.96 -64.89
EAST_HAMPTON___DIESEL 23722	137.89 -2.21 -161.52	105.79 -1.15 -118.28	105.89 1.96 -84.79	89.08 0.50 -83.53	71.37 3.22 -38.32	132.53 13.66 0.00	174.52 15.14 -37.09	154.16 13.42 -36.11	145.17 10.58 -53.82	75.37 3.69 -38.73	135.44 2.31 -111.19	145.31 0.66 -137.24	125.36 5.06 -63.63	123.99 2.17 -97.54	142.94 2.40 -113.93	158.94 4.60 -107.77	158.83 5.90 -100.40	204.21 6.55 -137.63	296.00 1.78 -269.42	233.90 1.87 -207.70	177.85 6.86 -105.39	168.51 11.99 -45.32	129.81 1.26 -117.04	87.39 2.32 -65.10
EAST_POINT___SOLAR 323840	214.44 -1.46 -237.31	161.71 -0.73 -173.78	144.95 1.23 -124.58	128.09 0.32 -122.73	88.19 2.05 -56.30	127.41 8.54 0.00	131.79 9.51 0.00	123.62 8.61 -10.38	107.22 6.34 -20.12	33.66 2.31 1.61	18.61 1.31 4.64	2.28 0.43 5.56	57.02 2.94 2.59	21.64 1.33 3.96	23.81 1.84 4.63	45.99 3.79 4.38	58.30 4.71 -1.05	60.02 5.57 5.58	21.72 2.30 5.38	58.24 2.17 -31.74	77.40 5.54 -6.27	131.75 9.23 -11.31	155.05 0.87 -142.67	47.32 1.50 -25.84
EAST_PULASKI___ESR 323781	-8.56 0.70 -12.16	-2.70 0.36 -8.28	22.34 -0.60 -3.80	10.99 -0.14 -6.09	31.94 -0.79 -2.90	115.85 -3.02 0.00	119.62 -2.67 0.00	102.10 -2.14 0.39	77.76 -1.64 1.37	32.42 -0.53 0.00	14.31 -0.31 7.32	7.27 -0.14 0.00	54.85 -1.82 0.00	23.31 -0.68 0.28	18.15 -0.79 7.66	40.19 -1.44 4.95	50.34 -1.42 0.78	54.88 -1.60 3.55	13.63 -0.60 10.57	17.75 -0.67 5.91	64.26 -1.85 -0.52	108.64 -3.21 -0.65	16.07 -0.28 -4.84	13.70 -0.53 5.75
EAST_RIVER___1 323558	138.38 -1.68 -161.48	106.02 -0.89 -118.25	105.44 1.53 -84.78	88.95 0.40 -83.51	70.69 2.55 -38.31	129.26 10.39 0.00	133.52 11.24 0.00	117.26 10.24 -2.38	132.00 8.51 -42.73	76.18 3.63 -39.60	138.62 2.41 -114.27	145.06 0.79 -136.86	126.36 6.09 -63.61	124.51 2.72 -97.51	143.39 2.89 -113.88	159.40 5.09 -107.73	158.38 5.48 -100.36	203.52 6.30 -137.20	296.64 2.52 -269.32	226.58 2.54 -199.71	176.08 6.66 -103.83	166.66 11.29 -44.18	129.71 1.19 -117.01	87.18 2.13 -65.07
EAST_RIVER___2 323559	138.37 -1.69 -161.48	106.02 -0.89 -118.25	105.44 1.53 -84.78	88.95 0.40 -83.51	70.70 2.55 -38.31	129.30 10.43 0.00	133.62 11.33 0.00	117.37 10.36 -2.38	132.12 8.63 -42.73	76.23 3.67 -39.60	138.66 2.45 -114.27	145.07 0.81 -136.86	126.47 6.20 -63.61	124.56 2.77 -97.51	143.44 2.95 -113.88	159.48 5.18 -107.73	158.48 5.59 -100.36	203.64 6.41 -137.20	296.66 2.53 -269.32	226.60 2.57 -199.71	176.16 6.74 -103.83	166.79 11.41 -44.18	129.72 1.21 -117.01	87.20 2.14 -65.07
EAST___DELAWARE_HYD 23607	124.70 -1.36 -147.49	95.96 -0.70 -108.00	97.76 1.19 -77.43	81.64 0.33 -76.27	66.88 2.05 -34.99	127.40 8.54 0.00	131.87 9.59 0.00	115.60 8.62 -2.35	94.79 7.05 -6.99	65.29 2.79 -29.54	108.95 1.77 -85.24	110.07 0.57 -102.09	108.29 4.18 -47.45	98.92 1.91 -72.74	113.75 2.17 -84.97	131.12 4.17 -80.37	132.78 4.80 -75.45	168.18 5.79 -102.36	228.46 2.42 -201.24	178.57 2.40 -151.85	150.43 6.21 -78.63	155.77 10.16 -34.41	116.12 0.99 -103.62	73.41 1.73 -51.70
EIGHT_POINT___WT_PWR 323820	16.66 1.84 -36.24	16.14 0.94 -26.54	36.62 -1.55 -19.03	23.37 -0.41 -18.74	36.11 -2.32 -8.60	108.98 -9.89 0.00	112.64 -9.64 0.00	96.69 -8.52 -0.57	76.88 -5.79 -1.91	32.99 -2.20 -2.24	27.30 -1.09 -6.45	14.79 -0.35 -7.74	56.38 -3.88 -3.60	28.39 -1.39 -5.51	31.52 -1.52 -6.43	50.66 -2.01 -6.09	56.92 -1.85 -6.23	66.03 -1.74 -7.74	39.56 -0.65 -15.42	37.14 -0.93 -13.75	69.41 -3.20 -7.02	108.02 -7.12 -3.95	33.77 -0.71 -22.97	25.57 -1.24 -6.83
ELBRIDGE_115KV_TB2 80188	-0.41 0.23 -20.78	3.98 0.10 -15.22	29.87 -0.18 -10.91	15.74 -0.05 -10.75	34.57 -0.20 -4.93	117.98 -0.89 0.00	121.74 -0.55 0.00	104.17 -0.46 0.00	81.11 -0.08 -0.43	34.30 0.10 -1.25	23.93 0.15 -1.84	11.76 0.05 -4.31	58.65 -0.02 -2.00	27.48 0.13 -3.07	30.34 0.15 -3.59	50.24 0.27 -3.39	56.29 0.26 -3.49	64.70 0.35 -4.32	33.45 0.21 -8.44	31.24 0.05 -6.86	69.40 -0.13 -3.94	112.73 -0.70 -2.23	24.66 0.01 -13.14	23.87 0.01 -3.88
ELEC_TRO_TEK 24086	138.21 -1.89 -161.52	105.96 -0.98 -118.28	105.62 1.69 -84.79	89.02 0.45 -83.53	70.97 2.82 -38.32	130.37 11.50 0.00	171.81 12.44 -37.09	151.75 11.01 -36.11	155.17 9.07 -65.34	81.11 3.91 -44.24	159.23 2.63 -134.66	147.36 0.81 -139.15	126.75 6.46 -63.63	124.62 2.80 -97.54	143.62 3.08 -113.93	159.72 5.38 -107.77	159.02 6.08 -100.40	204.89 6.90 -137.97	296.97 2.74 -269.43	234.73 2.71 -207.70	179.88 7.61 -106.69	175.52 12.66 -51.67	129.87 1.32 -117.04	87.44 2.36 -65.10

ELLENBURG_WT_PWR 323604	-20.56 1.72 0.86	-19.82 1.27 9.74	-21.08 -1.99 38.23	1.08 -0.53 3.43	28.22 -1.53 0.08	113.79 -5.08 0.00	59.05 -6.28 56.95	39.99 -5.43 59.21	-10.60 -4.65 86.71	22.10 -2.04 8.81	0.64 -1.46 19.84	-17.15 -0.46 24.09	-9.53 -3.04 63.15	8.31 -1.49 14.46	4.54 -1.66 20.41	-15.40 -2.94 59.04	-21.40 -3.24 70.69	-20.19 -3.62 76.59	-21.13 -1.58 44.35	-20.33 -1.45 43.21	-5.43 -3.37 67.65	-21.02 -5.30 126.91	-10.33 -0.68 21.16	-3.30 -1.13 22.14
ELM_ST_23_KV_LD_REV_LBMP_A 345012	9.04 2.24 -28.22	10.37 1.04 -20.67	32.20 -1.76 -14.82	19.17 -0.46 -14.60	34.17 -2.36 -6.70	108.92 -9.95 0.00	112.17 -10.12 0.00	95.44 -9.62 -0.43	75.13 -7.09 -1.46	31.99 -2.69 -1.72	25.67 -1.25 -4.98	13.09 -0.28 -5.97	56.52 -2.92 -2.78	27.46 -1.07 -4.25	30.39 -1.17 -4.95	49.54 -1.74 -4.70	55.31 -2.03 -4.80	63.70 -2.28 -5.95	35.50 -1.16 -11.86	33.45 -1.45 -10.58	66.60 -4.40 -5.41	106.31 -7.94 -3.05	28.55 -0.79 -17.84	23.88 -1.39 -5.29
EMPIRE_CC_1 323656	183.63 -0.63 -205.68	138.93 -0.35 -150.62	127.72 0.60 -107.98	111.56 0.15 -106.37	79.81 1.17 -48.80	123.94 5.07 0.00	127.09 4.80 0.00	113.27 4.28 -4.36	96.92 3.50 -12.66	34.50 1.55 0.00	22.98 1.04 0.00	7.70 0.29 0.00	58.95 2.29 0.00	25.40 1.12 0.00	27.94 1.34 0.00	49.06 2.48 0.00	59.56 2.70 -4.33	62.99 2.96 0.00	28.38 1.27 -2.32	47.33 1.27 -21.73	77.67 3.23 -8.84	127.20 4.95 -11.06	136.38 0.53 -124.34	45.00 1.01 -24.02
EMPIRE_CC_2 323658	183.63 -0.63 -205.68	138.93 -0.35 -150.62	127.72 0.60 -107.98	111.56 0.15 -106.37	79.81 1.17 -48.80	123.94 5.07 0.00	127.09 4.80 0.00	113.27 4.28 -4.36	96.92 3.50 -12.66	34.50 1.55 0.00	22.98 1.04 0.00	7.70 0.29 0.00	58.95 2.29 0.00	25.40 1.12 0.00	27.94 1.34 0.00	49.06 2.48 0.00	59.56 2.70 -4.33	62.99 2.96 0.00	28.38 1.27 -2.32	47.33 1.27 -21.73	77.67 3.23 -8.84	127.20 4.95 -11.06	136.38 0.53 -124.34	45.00 1.01 -24.02
ENORWICH_115KV_TB1 80156	31.34 -0.67 -53.44	27.42 -0.37 -39.13	47.79 0.60 -28.05	32.85 0.18 -27.64	43.86 1.35 -12.68	124.40 5.53 0.00	129.48 7.19 0.00	112.73 6.94 -1.15	89.64 5.42 -3.46	38.24 1.93 -3.35	32.88 1.26 -9.68	19.36 0.36 -11.59	65.12 3.06 -5.39	33.88 1.35 -8.26	37.82 1.57 -9.64	58.96 3.26 -9.12	65.70 3.83 -9.33	76.27 4.63 -11.61	50.06 1.96 -23.30	47.46 1.75 -21.39	80.38 4.29 -10.50	123.56 6.49 -5.87	46.02 0.58 -33.92	31.07 0.94 -10.15
ERIE_ST_34_KV_TB1-2 80199	9.67 1.73 -29.36	10.95 0.79 -21.50	33.22 -1.33 -15.41	19.88 -0.35 -15.18	35.14 -1.66 -6.97	111.97 -6.90 0.00	115.16 -7.13 0.00	98.12 -6.97 -0.45	77.31 -4.98 -1.53	32.93 -1.82 -1.80	26.45 -0.68 -5.19	13.53 -0.10 -6.23	58.10 -1.45 -2.89	28.27 -0.44 -4.43	31.30 -0.47 -5.17	51.00 -0.47 -4.90	56.85 -0.70 -5.01	65.52 -0.72 -6.21	36.64 -0.53 -12.37	34.48 -0.88 -11.03	68.30 -2.93 -5.64	109.08 -5.30 -3.18	29.53 -0.55 -18.57	24.55 -0.94 -5.51
ERIE_WT_PWR 323693	9.57 2.07 -28.92	10.79 0.95 -21.17	32.70 -1.62 -15.18	19.57 -0.43 -14.95	34.53 -2.16 -6.86	109.73 -9.14 0.00	113.05 -9.24 0.00	96.36 -8.72 -0.45	75.89 -6.37 -1.50	32.33 -2.39 -1.77	26.03 -1.01 -5.10	13.31 -0.22 -6.13	57.05 -2.46 -2.85	27.83 -0.80 -4.36	30.91 -0.78 -5.08	50.16 -1.24 -4.82	56.25 -1.21 -4.93	62.89 -1.69 -4.56	36.04 -0.93 -12.17	33.91 -1.27 -10.85	67.46 -3.69 -5.55	107.21 -7.12 -3.13	29.08 -0.70 -18.28	24.18 -1.22 -5.42
ESPRGFLD_115KV_TB1 80157	-22.18 -0.76 0.00	-11.71 -0.37 0.00	19.77 0.63 0.00	5.21 0.17 0.00	30.91 1.08 0.00	123.19 4.32 0.00	127.18 4.89 0.00	116.91 4.61 -7.67	99.64 3.61 -15.27	34.42 1.46 0.00	22.93 0.99 0.00	7.76 0.35 0.00	59.41 2.75 0.00	25.44 1.17 0.00	27.95 1.34 0.00	48.95 2.38 0.00	55.30 2.76 0.00	63.19 3.16 0.00	30.17 1.31 -4.07	45.91 1.22 -20.37	68.60 3.02 0.00	116.15 4.96 0.00	11.97 0.46 0.00	20.78 0.80 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	17.35 -0.17 -38.94	17.07 -0.11 -28.51	39.76 0.18 -20.44	25.23 0.05 -20.14	39.51 0.44 -9.24	120.73 1.86 0.00	124.72 2.43 0.00	107.48 2.19 -0.66	84.96 2.04 -2.15	36.26 0.89 -2.41	28.15 0.64 -5.58	15.94 0.20 -8.34	61.84 1.30 -3.87	30.90 0.68 -5.94	34.34 0.80 -6.93	54.73 1.60 -6.56	61.03 1.78 -6.72	70.48 2.11 -8.35	42.41 0.96 -16.66	40.03 0.76 -14.95	74.89 1.73 -7.57	117.75 2.30 -4.25	36.47 0.27 -24.69	27.79 0.45 -7.35
ETNA____115KV_TB2 80207	17.35 -0.17 -38.94	17.07 -0.11 -28.51	39.76 0.18 -20.44	25.23 0.05 -20.14	39.51 0.44 -9.24	120.73 1.86 0.00	124.72 2.43 0.00	107.48 2.19 -0.66	84.96 2.04 -2.15	36.26 0.89 -2.41	28.15 0.64 -5.58	15.94 0.20 -8.34	61.84 1.30 -3.87	30.90 0.68 -5.94	34.34 0.80 -6.93	54.73 1.60 -6.56	61.03 1.78 -6.72	70.48 2.11 -8.35	42.41 0.96 -16.66	40.03 0.76 -14.95	74.89 1.73 -7.57	117.75 2.30 -4.25	36.47 0.27 -24.69	27.79 0.45 -7.35
EUCLID____115KV_TB2 356179	-5.61 0.51 -15.30	-0.06 0.25 -11.03	26.01 -0.43 -7.30	12.78 -0.12 -7.85	32.84 -0.63 -3.63	116.29 -2.58 0.00	119.89 -2.40 0.00	102.61 -2.02 0.00	79.45 -1.32 0.00	32.56 -0.39 0.00	19.50 -0.19 2.25	7.34 -0.06 0.00	55.71 -0.95 0.00	24.00 -0.28 0.00	26.29 -0.31 0.00	45.98 -0.59 0.00	52.13 -0.72 -0.32	59.23 -0.80 0.00	24.52 -0.27 0.00	24.73 -0.35 -0.75	65.10 -1.14 -0.65	109.76 -2.26 -0.82	20.55 -0.18 -9.22	21.47 -0.29 -1.78
E_CANADA_CAP_HY 24051	223.99 -0.92 -246.33	168.60 -0.44 -180.38	149.20 0.74 -129.32	132.62 0.19 -127.39	89.47 1.20 -58.44	123.69 4.82 0.00	127.54 5.25 0.00	119.21 4.87 -9.70	103.34 3.62 -18.96	33.24 1.37 1.09	19.63 0.83 3.13	3.94 0.28 3.75	57.17 2.25 1.74	22.52 0.92 2.67	24.66 1.18 3.12	45.88 2.25 2.95	57.76 2.70 -2.52	59.36 3.10 3.76	23.88 1.28 2.19	58.38 1.21 -32.85	76.54 3.01 -7.94	128.81 5.35 -12.27	160.39 0.50 -148.38	48.35 0.88 -27.50
E_CANADA_MHWK_HY 24050	-22.06 -0.64 0.00	-11.63 -0.29 0.00	19.59 0.45 0.00	5.14 0.10 0.00	30.68 0.84 0.00	123.31 4.44 0.00	127.57 5.28 0.00	109.61 4.58 -0.39	85.57 3.44 -1.37	34.23 1.28 0.00	20.95 0.63 1.63	7.58 0.18 0.00	57.90 1.23 0.00	25.17 0.61 -0.28	31.13 1.03 -3.49	51.06 2.20 -2.28	55.60 2.58 -0.48	64.82 3.20 -1.60	31.03 1.32 -4.91	28.42 1.23 -2.86	68.74 3.15 0.00	116.22 5.02 0.00	13.26 0.52 -1.24	24.25 0.93 -3.35
E_FISHKILL____LBMP 23776	141.73 -1.38 -164.53	108.42 -0.72 -120.49	106.76 1.24 -86.38	90.46 0.33 -85.09	71.00 2.13 -39.03	127.66 8.79 0.00	131.72 9.44 0.00	115.45 8.39 -2.43	114.49 6.93 -26.80	76.73 2.94 -40.83	141.72 1.96 -117.82	149.16 0.64 -141.12	127.14 4.89 -65.59	127.03 2.22 -100.54	146.50 2.46 -117.43	161.96 4.31 -111.08	160.76 4.78 -103.45	206.96 5.46 -141.47	304.71 2.22 -277.69	232.28 2.21 -205.75	178.45 5.88 -106.98	166.32 9.67 -45.44	131.97 1.01 -119.46	88.65 1.80 -66.87
FALCON____SEABRD_CC1 323796	-20.91 1.37 0.86	-19.95 1.11 9.72	-20.72 -1.72 38.14	1.16 -0.46 3.42	28.55 -1.21 0.08	115.03 -3.84 0.00	56.15 -5.36 60.78	37.11 -4.81 62.71	-14.32 -4.20 90.88	21.76 -1.80 9.40	-2.53 -1.34 23.13	-18.71 -0.41 25.71	-13.41 -2.70 67.37	7.86 -1.32 15.10	4.69 -1.44 20.47	-18.08 -2.55 62.11	-25.53 -2.84 75.23	-24.22 -3.10 81.15	-21.89 -1.35 45.33	-22.10 -1.24 45.18	-9.37 -2.78 72.18	-28.54 -4.33 135.41	-11.03 -0.59 21.94	-3.16 -0.89 22.25

FALCON___SEABRD_CC2 323797	-20.91 1.37 0.86	-19.95 1.11 9.72	-20.72 -1.72 38.14	1.16 -0.46 3.42	28.55 -1.21 0.08	115.03 -3.84 0.00	56.15 -5.36 60.78	37.11 -4.81 62.71	-14.32 -4.20 90.88	21.76 -1.80 9.40	-2.53 -1.34 23.13	-18.71 -0.41 25.71	-13.41 -2.70 67.37	7.86 -1.32 15.10	4.69 -1.44 20.47	-18.08 -2.55 62.11	-25.53 -2.84 75.23	-24.22 -3.10 81.15	-21.89 -1.35 45.33	-22.10 -1.24 45.18	-9.37 -2.78 72.18	-28.54 -4.33 135.41	-11.03 -0.59 21.94	-3.16 -0.89 22.25
FAR ROCKAWAY___4 23548	137.90 -2.20 -161.52	105.79 -1.14 -118.28	105.91 1.97 -84.79	89.09 0.52 -83.53	71.41 3.25 -38.32	132.19 13.32 0.00	173.76 14.39 -37.09	153.47 12.73 -36.11	174.44 10.36 -83.32	90.25 4.45 -52.85	196.25 3.00 -171.31	150.45 0.93 -142.12	127.69 7.39 -63.63	125.00 3.18 -97.54	144.04 3.51 -113.93	160.51 6.16 -107.77	160.00 7.06 -100.40	206.55 8.07 -138.45	297.48 3.24 -269.45	235.24 3.21 -207.70	183.22 8.93 -108.70	187.49 14.72 -61.57	130.06 1.51 -117.04	87.77 2.69 -65.10
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	138.37 -1.70 -161.49	106.02 -0.90 -118.25	105.45 1.54 -84.78	88.96 0.41 -83.52	70.71 2.57 -38.31	129.33 10.46 0.00	133.59 11.31 0.00	117.30 10.29 -2.38	131.99 8.50 -42.72	76.17 3.62 -39.60	138.63 2.42 -114.27	145.06 0.79 -136.86	126.37 6.09 -63.61	124.53 2.75 -97.51	143.45 2.96 -113.89	159.41 5.11 -107.73	158.50 5.60 -100.36	203.59 6.36 -137.20	296.66 2.53 -269.33	226.57 2.53 -199.71	176.17 6.75 -103.83	166.69 11.32 -44.18	129.72 1.20 -117.01	87.19 2.14 -65.07
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	138.35 -1.71 -161.49	106.01 -0.90 -118.25	105.47 1.55 -84.78	88.96 0.41 -83.52	70.73 2.59 -38.31	129.40 10.53 0.00	133.67 11.39 0.00	117.37 10.36 -2.38	132.05 8.57 -42.72	76.19 3.63 -39.60	138.64 2.43 -114.27	145.06 0.80 -136.86	126.39 6.12 -63.61	124.54 2.76 -97.51	143.47 2.97 -113.89	159.44 5.14 -107.73	158.53 5.63 -100.36	203.62 6.39 -137.20	296.68 2.56 -269.33	226.59 2.56 -199.71	176.24 6.81 -103.83	166.79 11.41 -44.18	129.73 1.21 -117.01	87.21 2.16 -65.07
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	138.38 -1.68 -161.49	106.03 -0.89 -118.25	105.44 1.53 -84.78	88.95 0.40 -83.52	70.70 2.55 -38.31	129.26 10.39 0.00	133.51 11.22 0.00	117.23 10.22 -2.38	131.96 8.48 -42.72	76.15 3.60 -39.60	138.61 2.40 -114.27	145.05 0.79 -136.86	126.33 6.05 -63.61	124.52 2.73 -97.51	143.44 2.94 -113.89	159.38 5.08 -107.73	158.46 5.57 -100.36	203.55 6.32 -137.20	296.64 2.51 -269.33	226.55 2.52 -199.71	176.13 6.71 -103.83	166.64 11.27 -44.18	129.72 1.20 -117.01	87.18 2.13 -65.07
FARRAGUT___LBMP 323566	138.39 -1.67 -161.49	106.03 -0.88 -118.25	105.43 1.51 -84.78	88.95 0.40 -83.52	70.67 2.53 -38.31	129.16 10.29 0.00	133.40 11.11 0.00	117.13 10.11 -2.38	131.88 8.40 -42.72	76.12 3.56 -39.60	138.59 2.37 -114.27	145.04 0.78 -136.86	126.27 6.00 -63.61	124.48 2.70 -97.51	143.40 2.91 -113.89	159.32 5.02 -107.73	158.41 5.51 -100.36	203.48 6.25 -137.20	296.61 2.49 -269.33	226.53 2.49 -199.71	176.07 6.65 -103.83	166.54 11.16 -44.18	129.71 1.19 -117.01	87.16 2.11 -65.07
FENNER___WINDPWR 24204	-0.23 -0.19 -21.38	3.97 -0.11 -15.42	29.59 0.20 -10.25	16.09 0.07 -10.98	35.38 0.47 -5.08	121.09 2.22 0.00	125.09 2.81 0.00	107.48 2.53 -0.32	84.10 2.26 -1.08	35.19 0.96 -1.28	23.07 0.68 -0.46	12.04 0.22 -4.42	60.06 1.35 -2.05	28.09 0.67 -3.15	33.82 0.78 -6.44	53.31 1.48 -5.25	58.12 1.64 -3.95	67.50 1.74 -5.72	38.15 0.78 -12.57	35.28 0.66 -10.29	71.18 1.54 -4.05	115.56 2.07 -2.29	26.03 0.21 -14.30	26.84 0.36 -6.50
FIBERTEK___ENERGY 23856	-2.10 0.18 -19.14	2.60 0.08 -13.86	28.41 -0.14 -9.41	14.85 -0.04 -9.85	34.22 -0.16 -4.54	118.13 -0.74 0.00	121.90 -0.39 0.00	104.33 -0.31 0.00	81.13 -0.02 -0.40	34.24 0.14 -1.14	23.46 0.15 -1.36	11.41 0.05 -3.95	58.45 -0.06 -1.83	27.21 0.12 -2.81	30.02 0.12 -3.29	49.90 0.21 -3.11	55.94 0.20 -3.20	64.27 0.28 -3.96	32.72 0.19 -7.74	30.69 0.07 -6.29	69.14 -0.07 -3.62	112.72 -0.53 -2.05	23.63 0.02 -12.11	23.57 0.03 -3.56
FITZPATRICK____ 23598	-11.37 0.83 -9.22	-4.16 0.43 -6.75	23.25 -0.73 -4.84	9.61 -0.20 -4.77	30.89 -1.13 -2.19	114.16 -4.71 0.00	117.59 -4.69 0.00	100.59 -4.04 0.00	77.73 -3.03 0.00	31.86 -1.10 0.00	21.27 -0.67 0.00	7.17 -0.23 0.00	54.44 -2.23 0.00	23.44 -0.83 0.00	25.69 -0.91 0.00	44.84 -1.74 0.00	50.78 -1.94 -0.19	57.78 -2.25 0.00	23.92 -0.88 0.00	23.85 -0.92 -0.45	63.40 -2.59 -0.39	107.19 -4.50 -0.49	16.68 -0.39 -5.56	20.39 -0.66 -1.07
FLOWRFLD_69_KV_BK1 356044	137.64 -2.46 -161.52	105.66 -1.28 -118.28	106.10 2.17 -84.79	89.14 0.56 -83.53	71.71 3.56 -38.32	133.65 14.78 0.00	175.36 15.98 -37.10	154.55 13.81 -36.11	145.90 11.27 -53.86	76.14 4.44 -38.75	136.16 2.95 -111.28	145.56 0.90 -137.25	127.29 7.00 -63.63	124.84 3.02 -97.54	143.91 3.37 -113.93	160.23 5.88 -107.77	159.94 7.01 -100.40	205.53 7.88 -137.63	296.96 2.74 -269.42	234.71 2.69 -207.70	179.54 8.56 -105.40	170.53 13.99 -45.34	130.07 1.52 -117.04	87.81 2.73 -65.10
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	138.52 -1.77 -161.71	106.15 -0.92 -118.42	105.60 1.57 -84.89	89.09 0.42 -83.63	70.86 2.66 -38.36	129.85 10.98 0.00	134.20 11.92 0.00	117.61 10.54 -2.44	107.50 8.60 -18.14	74.86 3.59 -38.31	134.86 2.38 -110.54	140.57 0.78 -132.39	124.11 5.91 -61.53	121.27 2.67 -94.33	139.77 2.96 -110.21	156.11 5.29 -104.25	155.75 5.97 -97.24	199.72 6.93 -132.77	288.34 2.85 -260.70	221.00 2.80 -193.88	173.71 7.41 -100.71	166.36 12.12 -43.04	129.27 1.24 -116.52	85.75 2.17 -63.61
FORT ORANGE____ 23900	187.35 -0.88 -209.65	141.71 -0.47 -153.52	130.00 0.80 -110.06	113.68 0.21 -108.42	81.04 1.47 -49.74	125.07 6.20 0.00	128.41 6.13 0.00	115.52 4.92 -5.97	95.67 3.84 -11.08	32.25 1.63 2.33	16.28 1.08 6.73	-0.34 0.32 8.06	55.25 2.34 3.75	19.55 1.02 5.74	20.98 1.08 6.71	42.33 2.10 6.35	53.69 2.46 1.30	54.80 2.85 8.08	13.27 1.10 12.63	40.67 1.08 -15.26	71.68 2.78 -3.31	124.86 4.48 -9.18	137.67 0.57 -125.60	42.75 1.01 -21.76
FORT_DRUM_COGEN 23780	-12.01 0.63 -8.78	-6.49 0.35 -4.50	15.17 -0.56 3.41	8.92 -0.03 -3.91	31.80 -0.15 -2.11	119.51 0.64 0.00	124.30 2.01 0.00	105.67 2.34 1.30	77.58 1.39 4.57	33.40 0.45 0.00	-0.13 0.19 22.26	7.38 -0.02 0.00	55.40 -1.26 0.00	22.76 -0.57 0.94	-0.46 -0.74 26.33	28.66 -0.92 16.99	49.03 -0.14 3.36	47.69 -0.13 12.20	-11.55 -0.05 36.30	2.21 -0.17 21.94	65.30 -0.65 -0.37	110.30 -1.35 -0.46	8.01 -0.25 3.25	-4.09 -0.49 23.58
FOX_HILLS___ESR 323835	138.25 -1.82 -161.50	107.72 -0.97 -120.03	105.61 1.68 -84.79	96.25 0.45 -90.76	97.47 2.82 -64.82	129.70 10.82 -0.01	134.27 11.87 -0.12	120.63 10.77 -5.22	129.00 8.84 -39.40	119.07 3.81 -82.31	122.62 2.51 -98.17	127.78 0.83 -119.55	120.56 6.25 -57.65	117.61 2.84 -90.49	125.53 3.10 -95.82	132.02 5.33 -80.12	146.92 5.74 -88.64	193.19 6.65 -126.51	285.00 2.69 -257.52	217.70 2.69 -190.69	164.36 6.97 -91.79	153.08 11.81 -30.07	126.36 1.28 -113.57	87.32 2.25 -65.08
FPL FAR_ROCK_GT1 24212	137.90 -2.21 -161.52	105.79 -1.15 -118.28	105.91 1.97 -84.79	89.09 0.52 -83.53	71.42 3.26 -38.32	132.19 13.32 0.00	173.76 14.38 -37.09	153.47 12.73 -36.11	174.45 10.37 -83.32	90.25 4.45 -52.85	196.24 2.99 -171.31	150.46 0.93 -142.12	127.64 7.34 -63.63	124.98 3.16 -97.54	143.96 3.43 -113.93	160.49 6.15 -107.77	159.88 6.94 -100.40	206.48 8.01 -138.45	297.43 3.19 -269.45	235.25 3.22 -207.70	183.13 8.84 -108.70	187.50 14.73 -61.57	130.06 1.51 -117.04	87.77 2.69 -65.10

FPL FAR_ROCK_GT2 23815	137.90 -2.21 -161.52	105.79 -1.15 -118.28	105.91 1.97 -84.79	89.09 0.52 -83.53	71.42 3.26 -38.32	132.19 13.32 0.00	173.76 14.38 -37.09	153.47 12.73 -36.11	174.45 10.37 -83.32	90.25 4.45 -52.85	196.24 2.99 -171.31	150.46 0.93 -142.12	127.64 7.34 -63.63	124.98 3.16 -97.54	143.96 3.43 -113.93	160.49 6.15 -107.77	159.88 6.94 -100.40	206.48 8.01 -138.45	297.43 3.19 -269.45	235.25 3.22 -207.70	183.13 8.84 -108.70	187.50 14.73 -61.57	130.06 1.51 -117.04	87.77 2.69 -65.10
FRANKLIN_FALL_HYD 24054	-17.76 1.42 -2.25	-17.18 1.04 6.88	-16.66 -1.65 34.14	3.00 -0.42 1.63	29.57 -0.91 -0.65	116.25 -2.62 0.00	122.51 -3.67 -3.89	98.93 -3.02 2.68	60.26 -2.82 17.69	32.28 -1.28 -0.60	-5.24 -0.96 26.22	8.78 -0.26 -1.64	59.39 -1.57 -4.30	19.49 -0.90 3.88	3.61 -1.04 21.96	33.22 -1.75 11.60	52.07 -1.89 -1.43	52.86 -2.09 5.07	-7.73 -0.94 31.59	9.24 -0.85 14.24	68.41 -1.79 -4.61	117.41 -2.44 -8.65	2.02 -0.45 9.04	-3.27 -0.77 22.48
FREEPORT_EQUS_GT1 23764	138.03 -2.07 -161.52	105.87 -1.07 -118.28	105.77 1.84 -84.79	89.06 0.48 -83.53	71.20 3.05 -38.32	131.29 12.42 0.00	172.83 13.46 -37.09	152.69 11.95 -36.11	153.83 9.80 -63.28	80.35 4.14 -43.25	155.18 2.78 -130.46	147.07 0.86 -138.81	127.04 6.74 -63.63	124.73 2.91 -97.54	143.70 3.17 -113.93	160.01 5.67 -107.77	159.07 6.13 -100.40	204.94 7.00 -137.91	297.04 2.81 -269.43	234.86 2.83 -207.70	180.01 7.97 -106.45	175.34 13.61 -50.53	129.98 1.43 -117.04	87.64 2.56 -65.10
FREEPORT___CT2 23818	138.03 -2.07 -161.52	105.87 -1.07 -118.28	105.77 1.84 -84.79	89.06 0.48 -83.53	71.20 3.05 -38.32	131.29 12.42 0.00	172.83 13.46 -37.09	152.69 11.95 -36.11	153.83 9.80 -63.28	80.35 4.14 -43.25	155.18 2.78 -130.46	147.07 0.86 -138.81	127.04 6.74 -63.63	124.73 2.91 -97.54	143.70 3.17 -113.93	160.01 5.67 -107.77	159.07 6.13 -100.40	204.94 7.00 -137.91	297.04 2.81 -269.43	234.86 2.83 -207.70	180.01 7.97 -106.45	175.34 13.61 -50.53	129.98 1.43 -117.04	87.64 2.56 -65.10
FRESHKLS_33_KV_LOAD 356253	138.28 -1.80 -161.50	107.72 -0.97 -120.03	105.62 1.69 -84.79	96.26 0.47 -90.76	97.49 2.84 -64.82	129.57 10.69 -0.01	134.17 11.77 -0.12	120.46 10.61 -5.22	129.33 8.68 -39.90	119.12 3.76 -82.40	124.46 2.46 -100.06	129.74 0.82 -121.52	122.18 6.06 -59.46	119.35 2.77 -92.30	127.69 3.05 -98.04	136.00 5.24 -84.19	148.11 5.64 -89.94	194.30 6.58 -127.69	286.46 2.66 -259.00	218.93 2.67 -191.94	165.58 6.87 -93.12	154.62 11.73 -31.70	126.83 1.27 -114.05	87.30 2.24 -65.08
FULTON COGEN____ 23766	-7.53 0.67 -13.23	-1.54 0.33 -9.46	24.59 -0.57 -6.02	11.65 -0.15 -6.77	32.12 -0.86 -3.14	115.32 -3.55 0.00	118.81 -3.48 0.00	101.59 -3.05 0.00	78.57 -2.19 0.00	32.21 -0.75 0.00	18.85 -0.42 2.68	7.26 -0.14 0.00	54.88 -1.79 0.00	23.63 -0.65 0.00	24.21 -0.73 1.66	44.14 -1.38 1.06	51.04 -1.56 -0.06	57.52 -1.73 0.78	21.91 -0.63 2.25	22.85 -0.67 0.80	64.20 -1.95 -0.57	108.52 -3.38 -0.71	18.75 -0.24 -7.48	19.58 -0.42 -0.02
FULTON___LFGE 323630	212.41 -1.22 -235.04	160.17 -0.61 -172.12	143.56 1.03 -123.40	126.86 0.26 -121.56	87.33 1.73 -55.76	126.08 7.21 0.00	130.34 8.05 0.00	122.50 7.31 -10.55	106.54 5.37 -20.42	33.17 1.95 1.74	17.95 1.03 5.02	1.72 0.33 6.02	56.64 2.77 2.79	21.08 1.09 4.29	23.15 1.55 5.01	45.07 3.23 4.73	57.20 3.99 -0.68	58.72 4.73 6.03	20.57 1.95 6.18	57.65 1.86 -31.47	76.18 4.75 -5.85	130.11 7.84 -11.08	153.49 0.75 -141.24	46.69 1.29 -25.42
G.F.CEMENT___DRP 24184	195.45 -1.03 -217.90	147.67 -0.55 -159.56	134.46 0.93 -114.39	117.97 0.24 -112.69	83.29 1.76 -51.69	126.85 7.98 0.00	131.14 8.85 0.00	123.42 8.01 -10.77	107.85 6.24 -20.84	33.62 2.44 1.78	18.16 1.35 5.13	1.64 0.38 6.14	56.85 3.05 2.86	21.37 1.47 4.38	23.42 1.93 5.11	45.51 3.77 4.83	57.03 4.27 -0.23	58.80 4.93 6.16	20.54 2.06 6.31	57.33 1.97 -31.04	75.78 5.18 -5.02	129.48 8.16 -10.12	143.13 0.77 -130.86	44.69 1.34 -23.37
GARDENVILLE___LBMP 24039	9.48 2.15 -28.76	10.71 0.99 -21.06	32.56 -1.68 -15.10	19.47 -0.44 -14.87	34.40 -2.25 -6.82	109.39 -9.48 0.00	112.64 -9.65 0.00	95.87 -9.20 -0.44	75.53 -6.72 -1.49	32.19 -2.53 -1.76	25.86 -1.16 -5.08	13.23 -0.26 -6.09	56.78 -2.71 -2.83	27.63 -0.98 -4.33	30.59 -1.07 -5.05	49.84 -1.52 -4.79	55.65 -1.79 -4.90	64.09 -2.01 -6.07	35.85 -1.04 -12.10	33.77 -1.35 -10.79	66.98 -4.13 -5.52	106.86 -7.45 -3.11	28.94 -0.75 -18.18	24.07 -1.30 -5.39
GARDNVLA_35_KV_LD 355827	9.60 2.04 -28.98	10.81 0.94 -21.22	32.77 -1.58 -15.21	19.61 -0.42 -14.98	34.59 -2.12 -6.87	109.96 -8.92 0.00	113.27 -9.01 0.00	96.46 -8.62 -0.45	75.99 -6.27 -1.50	32.38 -2.35 -1.77	26.03 -1.03 -5.12	13.33 -0.21 -6.14	57.15 -2.37 -2.86	27.81 -0.84 -4.37	30.80 -0.90 -5.09	50.17 -1.23 -4.83	56.04 -1.44 -4.94	64.56 -1.59 -6.12	36.12 -0.87 -12.20	34.01 -1.19 -10.88	67.43 -3.72 -5.57	107.50 -6.83 -3.14	29.15 -0.68 -18.32	24.22 -1.19 -5.43
GELCKHM___115KV_LOAD 80723	-4.34 0.39 -16.69	0.90 0.19 -12.06	26.88 -0.32 -8.07	13.53 -0.08 -8.58	33.34 -0.46 -3.96	116.99 -1.88 0.00	120.67 -1.62 0.00	103.26 -1.38 0.00	80.26 -0.85 -0.34	33.74 -0.20 -0.99	22.61 -0.07 -0.74	10.78 -0.02 -3.41	57.61 -0.64 -1.58	26.56 -0.14 -2.43	29.28 -0.16 -2.83	48.94 -0.32 -2.68	54.93 -0.38 -2.77	63.02 -0.43 -3.42	31.37 -0.11 -6.68	29.57 -0.20 -5.44	67.98 -0.74 -3.13	111.36 -1.62 -1.78	21.95 -0.11 -10.55	22.90 -0.17 -3.10
GENERAL___MILLS 23808	9.57 2.07 -28.92	10.79 0.95 -21.17	32.71 -1.61 -15.18	19.57 -0.42 -14.95	34.54 -2.15 -6.86	109.81 -9.06 0.00	113.07 -9.22 0.00	96.27 -8.81 -0.45	75.86 -6.40 -1.50	32.32 -2.40 -1.77	25.97 -1.07 -5.10	13.30 -0.23 -6.13	57.03 -2.48 -2.85	27.76 -0.87 -4.36	30.73 -0.95 -5.08	50.07 -1.33 -4.82	55.91 -1.56 -4.93	64.42 -1.72 -6.11	36.03 -0.94 -12.17	33.93 -1.25 -10.85	67.27 -3.87 -5.55	107.27 -7.05 -3.13	29.08 -0.70 -18.28	24.17 -1.23 -5.42
GE_PLASTICS___DRP 24183	187.56 -0.68 -209.66	141.83 -0.36 -153.53	129.82 0.62 -110.07	113.63 0.16 -108.43	80.72 1.15 -49.74	123.78 4.91 0.00	127.31 5.03 0.00	114.18 4.35 -5.20	93.36 3.49 -9.11	30.86 1.51 3.61	12.52 1.00 10.41	-4.77 0.30 12.47	53.15 2.28 5.80	16.43 1.04 8.88	17.35 1.13 10.38	38.82 2.06 9.82	50.43 2.33 4.43	50.16 2.64 12.50	4.17 1.04 21.67	32.62 1.04 -7.26	68.46 2.68 -0.19	123.56 4.32 -8.04	137.01 0.52 -124.98	41.17 0.92 -20.27
GILBOA___1 23756	143.40 -0.62 -165.45	109.48 -0.33 -121.15	106.57 0.57 -86.86	90.75 0.15 -85.56	70.14 1.05 -39.25	123.29 4.43 0.00	126.91 4.62 0.00	110.71 3.96 -2.12	88.29 3.32 -4.22	34.44 1.48 0.00	22.92 0.98 0.00	7.72 0.31 0.00	59.21 2.55 0.00	25.46 1.19 0.00	27.93 1.33 0.00	48.80 2.23 0.00	58.44 2.42 -3.48	62.78 2.75 0.00	27.04 1.12 -1.12	39.24 1.13 -13.78	75.63 2.93 -7.11	124.80 4.71 -8.89	112.03 0.50 -100.02	40.21 0.91 -19.32
GILBOA___2 23757	143.40 -0.62 -165.45	109.48 -0.33 -121.15	106.57 0.57 -86.86	90.75 0.15 -85.56	70.14 1.05 -39.25	123.29 4.43 0.00	126.91 4.62 0.00	110.71 3.96 -2.12	88.29 3.32 -4.22	34.44 1.48 0.00	22.92 0.98 0.00	7.72 0.31 0.00	59.21 2.55 0.00	25.46 1.19 0.00	27.93 1.33 0.00	48.80 2.23 0.00	58.44 2.42 -3.48	62.78 2.75 0.00	27.04 1.12 -1.12	39.24 1.13 -13.78	75.63 2.93 -7.11	124.80 4.71 -8.89	112.03 0.50 -100.02	40.21 0.91 -19.32

GILBOA___3 23758	143.40 -0.62 -165.45	109.48 -0.33 -121.15	106.57 0.57 -86.86	90.75 0.15 -85.56	70.14 1.05 -39.25	123.29 4.43 0.00	126.91 4.62 0.00	110.71 3.96 -2.12	88.29 3.32 -4.22	34.44 1.48 0.00	22.92 0.98 0.00	7.72 0.31 0.00	59.21 2.55 0.00	25.46 1.19 0.00	27.93 1.33 0.00	48.80 2.23 0.00	58.44 2.42 -3.48	62.78 2.75 0.00	27.04 1.12 -1.12	39.24 1.13 -13.78	75.63 2.93 -7.11	124.80 4.71 -8.89	112.03 0.50 -100.02	40.21 0.91 -19.32
GILBOA___4 23759	143.40 -0.62 -165.45	109.48 -0.33 -121.15	106.57 0.57 -86.86	90.75 0.15 -85.56	70.14 1.05 -39.25	123.29 4.43 0.00	126.91 4.62 0.00	110.71 3.96 -2.12	88.29 3.32 -4.22	34.44 1.48 0.00	22.92 0.98 0.00	7.72 0.31 0.00	59.21 2.55 0.00	25.46 1.19 0.00	27.93 1.33 0.00	48.80 2.23 0.00	58.44 2.42 -3.48	62.78 2.75 0.00	27.04 1.12 -1.12	39.24 1.13 -13.78	75.63 2.93 -7.11	124.80 4.71 -8.89	112.03 0.50 -100.02	40.21 0.91 -19.32
GILBOA___ 23599	143.40 -0.62 -165.45	109.48 -0.33 -121.15	106.57 0.57 -86.86	90.75 0.15 -85.56	70.14 1.05 -39.25	123.29 4.42 0.00	126.91 4.63 0.00	110.71 3.96 -2.12	88.29 3.32 -4.22	34.44 1.48 0.00	22.92 0.98 0.00	7.72 0.31 0.00	59.21 2.55 0.00	25.47 1.19 0.00	27.95 1.35 0.00	48.81 2.23 0.00	58.48 2.46 -3.48	62.80 2.77 0.00	27.04 1.12 -1.12	39.23 1.13 -13.78	75.64 2.94 -7.11	124.80 4.71 -8.89	112.02 0.50 -100.02	40.21 0.91 -19.32
GINNA___ 23603	1.35 1.94 -20.83	4.86 0.95 -15.25	28.45 -1.62 -10.93	15.38 -0.43 -10.77	32.44 -2.34 -4.94	109.49 -9.37 0.00	113.08 -9.20 0.00	96.51 -8.13 0.00	75.11 -6.09 -0.43	31.88 -2.33 -1.25	24.29 -1.26 -3.61	11.36 -0.36 -4.32	55.33 -3.34 -2.01	26.11 -1.25 -3.08	28.85 -1.35 -3.60	47.60 -2.38 -3.40	53.50 -2.54 -3.50	60.80 -3.01 -3.79	31.93 -1.33 -8.47	29.70 -1.51 -6.88	65.25 -4.30 -3.96	105.44 -7.99 -2.24	23.88 -0.81 -13.18	22.45 -1.42 -3.89
GLEN PARK___ 23778	-11.89 0.47 -9.06	-6.26 0.27 -4.80	15.86 -0.43 2.85	9.13 0.01 -4.09	32.04 0.03 -2.18	120.27 1.40 0.00	125.16 2.88 0.00	106.49 3.09 1.23	78.44 2.00 4.32	33.63 0.68 0.00	1.15 0.33 21.12	7.43 0.02 0.00	55.66 -1.01 0.00	22.93 -0.46 0.89	1.14 -0.58 24.89	29.83 -0.68 16.07	49.67 0.29 3.16	48.91 0.42 11.54	-9.34 0.18 34.31	3.66 0.04 20.70	65.91 -0.06 -0.38	111.27 -0.40 -0.47	8.73 -0.16 2.61	-2.58 -0.35 22.20
GLENDALE_27_KV_LOAD 356172	138.21 -1.86 -161.50	105.94 -0.98 -118.26	105.60 1.67 -84.78	89.00 0.44 -83.52	70.93 2.79 -38.31	130.02 11.15 0.00	134.43 12.15 0.00	118.15 11.14 -2.38	133.66 9.20 -43.69	76.62 3.88 -39.79	143.78 2.59 -119.24	149.46 0.85 -141.20	135.71 6.58 -72.47	132.34 2.95 -105.12	148.27 3.18 -118.48	168.25 5.50 -116.17	161.66 6.07 -103.06	206.60 6.90 -139.66	300.00 2.77 -272.43	229.40 2.76 -202.32	179.50 7.31 -106.60	171.01 12.25 -47.56	130.81 1.30 -118.01	87.36 2.30 -65.08
GLENWOOD_IC_1_G5 23712	138.22 -1.88 -161.52	105.96 -0.98 -118.28	105.62 1.68 -84.79	89.02 0.45 -83.53	70.97 2.81 -38.32	130.36 11.49 0.00	171.80 12.42 -37.09	151.77 11.04 -36.11	149.35 9.07 -59.52	78.26 3.85 -41.46	147.32 2.58 -122.79	146.41 0.82 -138.19	126.76 6.46 -63.63	124.66 2.84 -97.54	143.66 3.13 -113.93	159.80 5.46 -107.77	159.07 6.13 -100.40	204.85 6.98 -137.84	296.88 2.65 -269.43	234.61 2.59 -207.70	178.80 7.18 -106.03	172.24 12.58 -48.46	129.86 1.31 -117.04	87.40 2.32 -65.10
GLENWOOD_IC_2_G1 23688	138.35 -1.75 -161.52	106.02 -0.92 -118.28	105.50 1.57 -84.79	88.99 0.41 -83.53	70.78 2.63 -38.32	129.62 10.75 0.00	170.98 11.61 -37.09	151.07 10.33 -36.11	144.92 8.49 -55.67	76.17 3.60 -39.61	139.29 2.40 -114.95	145.73 0.78 -137.55	126.34 6.04 -63.63	124.49 2.67 -97.54	143.42 2.88 -113.93	159.47 5.13 -107.77	158.57 5.63 -100.40	204.32 6.49 -137.80	296.81 2.59 -269.43	234.63 2.60 -207.70	178.17 6.98 -105.60	169.33 11.80 -46.34	129.77 1.22 -117.04	87.25 2.18 -65.10
GLENWOOD_IC_3_G1 23689	138.35 -1.75 -161.52	106.02 -0.92 -118.28	105.50 1.57 -84.79	88.99 0.41 -83.53	70.78 2.63 -38.32	129.62 10.75 0.00	170.98 11.61 -37.09	151.07 10.33 -36.11	144.92 8.49 -55.67	76.17 3.60 -39.61	139.29 2.40 -114.95	145.73 0.78 -137.55	126.34 6.04 -63.63	124.49 2.67 -97.54	143.42 2.88 -113.93	159.47 5.13 -107.77	158.57 5.63 -100.40	204.32 6.49 -137.80	296.81 2.59 -269.43	234.63 2.60 -207.70	178.17 6.98 -105.60	169.33 11.80 -46.34	129.77 1.22 -117.04	87.25 2.18 -65.10
GLENWOOD___4 23550	138.22 -1.88 -161.52	105.96 -0.98 -118.28	105.62 1.68 -84.79	89.02 0.45 -83.53	70.97 2.81 -38.32	130.36 11.49 0.00	171.80 12.42 -37.09	151.77 11.04 -36.11	149.35 9.07 -59.52	78.26 3.85 -41.46	147.32 2.58 -122.79	146.41 0.82 -138.19	126.76 6.46 -63.63	124.66 2.84 -97.54	143.66 3.13 -113.93	159.80 5.46 -107.77	159.07 6.13 -100.40	204.86 6.98 -137.84	296.93 2.70 -269.43	234.68 2.66 -207.70	178.95 7.33 -106.03	172.24 12.58 -48.46	129.86 1.31 -117.04	87.40 2.32 -65.10
GLENWOOD___5 23614	138.22 -1.88 -161.52	105.96 -0.98 -118.28	105.62 1.68 -84.79	89.02 0.45 -83.53	70.97 2.81 -38.32	130.36 11.49 0.00	171.80 12.42 -37.09	151.77 11.04 -36.11	149.35 9.07 -59.52	78.26 3.85 -41.46	147.32 2.58 -122.79	146.41 0.82 -138.19	126.76 6.46 -63.63	124.66 2.84 -97.54	143.66 3.13 -113.93	159.80 5.46 -107.77	159.07 6.13 -100.40	204.86 6.98 -137.84	296.93 2.70 -269.43	234.68 2.66 -207.70	178.95 7.33 -106.03	172.24 12.58 -48.46	129.86 1.31 -117.04	87.40 2.32 -65.10
GLOBAL GREEN_PORT_GT1 23814	137.60 -2.50 -161.52	105.65 -1.29 -118.28	106.15 2.22 -84.79	89.14 0.57 -83.53	71.79 3.64 -38.32	134.19 15.32 0.00	176.17 16.79 -37.09	155.57 14.83 -36.11	146.28 11.70 -53.82	75.83 4.15 -38.73	135.78 2.65 -111.19	145.43 0.78 -137.24	126.30 6.00 -63.63	124.39 2.57 -97.54	143.36 2.82 -113.93	159.70 5.36 -107.77	159.68 6.74 -100.40	205.07 7.42 -137.63	296.14 1.92 -269.42	234.03 2.01 -207.70	178.59 7.61 -105.39	170.21 13.70 -45.32	129.99 1.44 -117.04	87.70 2.63 -65.10
GLOBE___DSASP 323697	8.23 2.95 -26.70	9.61 1.40 -19.55	30.78 -2.37 -14.02	18.22 -0.62 -13.81	32.89 -3.27 -6.33	105.32 -13.55 0.00	108.26 -14.03 0.00	91.82 -13.22 -0.41	72.03 -10.10 -1.38	30.62 -3.96 -1.63	24.58 -2.05 -4.70	12.50 -0.53 -5.64	54.58 -4.70 -2.62	26.40 -1.88 -4.01	29.19 -2.08 -4.67	47.61 -3.40 -4.43	53.14 -3.93 -4.53	61.14 -4.50 -5.61	33.90 -2.08 -11.18	31.99 -2.31 -9.98	64.04 -6.66 -5.11	102.33 -11.75 -2.88	27.18 -1.19 -16.86	22.92 -2.05 -5.00
GOETHSLN___LBMP 323567	138.52 -1.54 -161.49	106.09 -0.82 -118.25	105.32 1.40 -84.78	88.92 0.37 -83.52	70.50 2.36 -38.31	128.47 9.60 0.00	132.69 10.40 0.00	116.51 9.50 -2.38	131.32 7.84 -42.72	75.90 3.35 -39.60	138.44 2.23 -114.27	145.00 0.73 -136.86	125.93 5.66 -63.61	124.33 2.54 -97.51	143.22 2.73 -113.89	157.94 4.68 -106.68	155.40 5.10 -97.77	203.02 5.79 -137.20	296.44 2.31 -269.33	226.36 2.32 -199.71	173.35 6.18 -101.58	161.69 10.31 -40.18	129.22 1.11 -116.60	87.03 1.97 -65.07
GOLAH___69_KV_TB 1_2 80279	1.59 1.24 -21.78	5.17 0.57 -15.95	29.60 -0.97 -11.43	16.05 -0.26 -11.26	33.77 -1.23 -5.17	113.87 -5.00 0.00	117.60 -4.68 0.00	100.43 -4.53 -0.32	78.63 -3.24 -1.10	33.09 -1.17 -1.31	25.32 -0.40 -3.78	11.89 -0.04 -4.53	57.73 -1.04 -2.11	27.22 -0.29 -3.23	30.05 -0.32 -3.77	49.76 -0.38 -3.57	55.79 -0.41 -3.67	64.22 -0.35 -4.54	33.57 -0.27 -9.05	31.90 -0.49 -8.07	67.97 -1.76 -4.14	109.95 -3.59 -2.34	24.93 -0.36 -13.78	23.39 -0.66 -4.07

GOODYEAR_LAKE_HYD 323669	30.72 -0.79 -52.94	27.02 -0.40 -38.76	47.63 0.70 -27.79	32.60 0.19 -27.38	43.62 1.23 -12.56	123.92 5.05 0.00	127.98 5.69 0.00	113.63 5.20 -3.81	93.75 4.20 -8.79	38.21 1.76 -3.49	33.22 1.21 -10.07	19.88 0.42 -12.06	65.50 3.23 -5.60	34.29 1.43 -8.59	38.24 1.60 -10.03	58.89 2.82 -9.49	65.36 3.17 -9.65	75.73 3.62 -12.08	51.92 1.50 -25.63	54.78 1.41 -29.05	79.96 3.56 -10.81	122.89 5.72 -5.97	45.76 0.56 -33.70	31.21 0.98 -10.25
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	34.19 0.21 -55.41	29.33 0.10 -40.58	48.07 -0.16 -29.09	33.66 -0.03 -28.66	42.95 -0.03 -13.15	118.70 -0.17 0.00	122.33 0.05 0.00	105.56 -0.01 -0.93	84.22 0.40 -3.06	36.65 0.23 -3.46	32.19 0.26 -9.99	19.47 0.09 -11.98	62.75 0.52 -5.57	33.14 0.33 -8.53	36.97 0.40 -9.96	56.87 0.87 -9.43	62.96 0.78 -9.64	72.83 0.81 -11.99	49.15 0.43 -23.93	45.98 0.24 -21.41	76.85 0.41 -10.85	117.43 0.15 -6.08	46.74 0.07 -35.17	30.60 0.11 -10.51
GOUDEY___7 23579	34.19 0.21 -55.41	29.33 0.10 -40.58	48.07 -0.16 -29.09	33.66 -0.03 -28.66	42.95 -0.03 -13.15	118.70 -0.17 0.00	122.33 0.05 0.00	105.56 -0.01 -0.93	84.22 0.40 -3.06	36.65 0.23 -3.46	32.19 0.26 -9.99	19.47 0.09 -11.98	62.75 0.52 -5.57	33.14 0.33 -8.53	36.97 0.40 -9.96	56.87 0.87 -9.43	62.96 0.78 -9.64	72.83 0.81 -11.99	49.15 0.43 -23.93	45.98 0.24 -21.41	76.85 0.41 -10.85	117.43 0.15 -6.08	46.74 0.07 -35.17	30.60 0.11 -10.51
GOUDEY___8 23580	34.19 0.21 -55.41	29.33 0.10 -40.58	48.07 -0.16 -29.09	33.66 -0.03 -28.66	42.95 -0.03 -13.15	118.70 -0.17 0.00	122.33 0.05 0.00	105.56 -0.01 -0.93	84.22 0.40 -3.06	36.65 0.23 -3.46	32.19 0.26 -9.99	19.47 0.09 -11.98	62.75 0.52 -5.57	33.14 0.33 -8.53	36.97 0.40 -9.96	56.87 0.87 -9.43	62.96 0.78 -9.64	72.83 0.81 -11.99	49.15 0.43 -23.93	45.98 0.24 -21.41	76.85 0.41 -10.85	117.43 0.15 -6.08	46.74 0.07 -35.17	30.60 0.11 -10.51
GOWANUS_GT1_1 24077	138.19 -1.88 -161.50	107.70 -1.00 -120.03	105.65 1.72 -84.79	96.25 0.45 -90.76	97.50 2.85 -64.82	130.02 11.14 -0.01	134.59 12.19 -0.12	120.96 11.11 -5.22	138.16 9.13 -48.27	120.75 3.90 -83.90	156.33 2.59 -131.81	162.72 0.86 -154.47	152.94 6.49 -89.78	149.83 2.93 -122.63	164.90 3.19 -135.10	204.44 5.51 -152.35	170.15 5.98 -111.63	214.39 6.87 -147.49	311.37 2.77 -283.81	239.90 2.77 -212.81	188.24 7.24 -115.41	182.47 12.23 -59.04	134.88 1.31 -122.07	87.38 2.32 -65.08
GOWANUS_GT1_2 24078	138.19 -1.88 -161.50	107.70 -1.00 -120.03	105.65 1.72 -84.79	96.25 0.45 -90.76	97.50 2.85 -64.82	130.02 11.14 -0.01	134.59 12.19 -0.12	120.96 11.11 -5.22	138.16 9.13 -48.27	120.75 3.90 -83.90	156.33 2.59 -131.81	162.72 0.86 -154.47	152.94 6.49 -89.78	149.83 2.93 -122.63	164.90 3.19 -135.10	204.44 5.51 -152.35	170.15 5.98 -111.63	214.39 6.87 -147.49	311.37 2.77 -283.81	239.90 2.77 -212.81	188.24 7.24 -115.41	182.47 12.23 -59.04	134.88 1.31 -122.07	87.38 2.32 -65.08
GOWANUS_GT1_3 24079	138.19 -1.88 -161.50	107.70 -1.00 -120.03	105.65 1.72 -84.79	96.25 0.45 -90.76	97.50 2.85 -64.82	130.02 11.14 -0.01	134.59 12.19 -0.12	120.96 11.11 -5.22	138.16 9.13 -48.27	120.75 3.90 -83.90	156.33 2.59 -131.81	162.72 0.86 -154.47	152.94 6.49 -89.78	149.83 2.93 -122.63	164.90 3.19 -135.10	204.44 5.51 -152.35	170.15 5.98 -111.63	214.39 6.87 -147.49	311.37 2.77 -283.81	239.90 2.77 -212.81	188.24 7.24 -115.41	182.47 12.23 -59.04	134.88 1.31 -122.07	87.38 2.32 -65.08
GOWANUS_GT1_4 24080	138.19 -1.88 -161.50	107.70 -1.00 -120.03	105.65 1.72 -84.79	96.25 0.45 -90.76	97.50 2.85 -64.82	130.02 11.14 -0.01	134.59 12.19 -0.12	120.96 11.11 -5.22	138.16 9.13 -48.27	120.75 3.90 -83.90	156.33 2.59 -131.81	162.72 0.86 -154.47	152.94 6.49 -89.78	149.83 2.93 -122.63	164.90 3.19 -135.10	204.44 5.51 -152.35	170.15 5.98 -111.63	214.39 6.87 -147.49	311.37 2.77 -283.81	239.90 2.77 -212.81	188.24 7.24 -115.41	182.47 12.23 -59.04	134.88 1.31 -122.07	87.38 2.32 -65.08
GOWANUS_GT1_5 24084	138.19 -1.88 -161.50	107.70 -1.00 -120.03	105.65 1.72 -84.79	96.25 0.45 -90.76	97.50 2.85 -64.82	130.02 11.14 -0.01	134.59 12.19 -0.12	120.96 11.11 -5.22	138.16 9.13 -48.27	120.75 3.90 -83.90	156.33 2.59 -131.81	162.72 0.86 -154.47	152.94 6.49 -89.78	149.83 2.93 -122.63	164.90 3.19 -135.10	204.44 5.51 -152.35	170.15 5.98 -111.63	214.39 6.87 -147.49	311.37 2.77 -283.81	239.90 2.77 -212.81	188.24 7.24 -115.41	182.47 12.23 -59.04	134.88 1.31 -122.07	87.38 2.32 -65.08
GOWANUS_GT1_6 24111	138.19 -1.88 -161.50	107.70 -1.00 -120.03	105.65 1.72 -84.79	96.25 0.45 -90.76	97.50 2.85 -64.82	130.02 11.14 -0.01	134.59 12.19 -0.12	120.96 11.11 -5.22	138.16 9.13 -48.27	120.75 3.90 -83.90	156.33 2.59 -131.81	162.72 0.86 -154.47	152.94 6.49 -89.78	149.83 2.93 -122.63	164.90 3.19 -135.10	204.44 5.51 -152.35	170.15 5.98 -111.63	214.39 6.87 -147.49	311.37 2.77 -283.81	239.90 2.77 -212.81	188.24 7.24 -115.41	182.47 12.23 -59.04	134.88 1.31 -122.07	87.38 2.32 -65.08
GOWANUS_GT1_7 24112	138.19 -1.88 -161.50	107.70 -1.00 -120.03	105.65 1.72 -84.79	96.25 0.45 -90.76	97.50 2.85 -64.82	130.02 11.14 -0.01	134.59 12.19 -0.12	120.96 11.11 -5.22	138.16 9.13 -48.27	120.75 3.90 -83.90	156.33 2.59 -131.81	162.72 0.86 -154.47	152.94 6.49 -89.78	149.83 2.93 -122.63	164.90 3.19 -135.10	204.44 5.51 -152.35	170.15 5.98 -111.63	214.39 6.87 -147.49	311.37 2.77 -283.81	239.90 2.77 -212.81	188.24 7.24 -115.41	182.47 12.23 -59.04	134.88 1.31 -122.07	87.38 2.32 -65.08
GOWANUS_GT1_8 24113	138.19 -1.88 -161.50	107.70 -1.00 -120.03	105.65 1.72 -84.79	96.25 0.45 -90.76	97.50 2.85 -64.82	130.02 11.14 -0.01	134.59 12.19 -0.12	120.96 11.11 -5.22	138.16 9.13 -48.27	120.75 3.90 -83.90	156.33 2.59 -131.81	162.72 0.86 -154.47	152.94 6.49 -89.78	149.83 2.93 -122.63	164.90 3.19 -135.10	204.44 5.51 -152.35	170.15 5.98 -111.63	214.39 6.87 -147.49	311.37 2.77 -283.81	239.90 2.77 -212.81	188.24 7.24 -115.41	182.47 12.23 -59.04	134.88 1.31 -122.07	87.38 2.32 -65.08
GOWANUS_GT2_1 24114	138.19 -1.88 -161.50	107.70 -1.00 -120.03	105.64 1.72 -84.79	96.25 0.45 -90.76	97.51 2.85 -64.82	130.02 11.14 -0.01	134.59 12.18 -0.12	120.94 11.09 -5.22	212.79 9.15 -122.88	134.10 3.91 -97.24	439.12 2.58 -414.60	456.23 0.86 -447.96	423.09 6.49 -359.94	419.97 2.91 -392.78	495.00 3.10 -465.29	811.63 5.47 -759.58	363.27 5.81 -304.92	390.63 6.78 -323.82	532.33 2.76 -504.77	425.86 2.78 -398.75	386.66 7.15 -313.91	426.05 12.24 -302.61	206.28 1.30 -193.47	87.38 2.32 -65.08
GOWANUS_GT2_2 24115	138.19 -1.88 -161.50	107.70 -1.00 -120.03	105.64 1.72 -84.79	96.25 0.45 -90.76	97.51 2.85 -64.82	130.02 11.14 -0.01	134.59 12.18 -0.12	120.94 11.09 -5.22	212.79 9.15 -122.88	134.10 3.91 -97.24	439.12 2.58 -414.60	456.23 0.86 -447.96	423.09 6.49 -359.94	419.97 2.91 -392.78	495.00 3.10 -465.29	811.63 5.47 -759.58	363.27 5.81 -304.92	390.63 6.78 -323.82	532.33 2.76 -504.77	425.86 2.78 -398.75	386.66 7.15 -313.91	426.05 12.24 -302.61	206.28 1.30 -193.47	87.38 2.32 -65.08
GOWANUS_GT2_3 24116	138.19 -1.88 -161.50	107.70 -1.00 -120.03	105.64 1.72 -84.79	96.25 0.45 -90.76	97.51 2.85 -64.82	130.02 11.14 -0.01	134.59 12.18 -0.12	120.94 11.09 -5.22	212.79 9.15 -122.88	134.10 3.91 -97.24	439.12 2.58 -414.60	456.23 0.86 -447.96	423.09 6.49 -359.94	419.97 2.91 -392.78	495.00 3.10 -465.29	811.63 5.47 -759.58	363.27 5.81 -304.92	390.63 6.78 -323.82	532.33 2.76 -504.77	425.86 2.78 -398.75	386.66 7.15 -313.91	426.05 12.24 -302.61	206.28 1.30 -193.47	87.38 2.32 -65.08

GOWANUS_GT2_4 24117	138.19 -1.88 -161.50	107.70 -1.00 -120.03	105.64 1.72 -84.79	96.25 0.45 -90.76	97.51 2.85 -64.82	130.02 11.14 -0.01	134.59 12.18 -0.12	120.94 11.09 -5.22	212.79 9.15 -122.88	134.10 3.91 -97.24	439.12 2.58 -414.60	456.23 0.86 -447.96	423.09 6.49 -359.94	419.97 2.91 -392.78	495.00 3.10 -465.29	811.63 5.47 -759.58	363.27 5.81 -304.92	390.63 6.78 -323.82	532.33 2.76 -504.77	425.86 2.78 -398.75	386.66 7.15 -313.91	426.05 12.24 -302.61	206.28 1.30 -193.47	87.38 2.32 -65.08
GOWANUS_GT2_5 24118	138.19 -1.88 -161.50	107.70 -1.00 -120.03	105.64 1.72 -84.79	96.25 0.45 -90.76	97.51 2.85 -64.82	130.02 11.14 -0.01	134.59 12.18 -0.12	120.94 11.09 -5.22	212.79 9.15 -122.88	134.10 3.91 -97.24	439.12 2.58 -414.60	456.23 0.86 -447.96	423.09 6.49 -359.94	419.97 2.91 -392.78	495.00 3.10 -465.29	811.63 5.47 -759.58	363.27 5.81 -304.92	390.63 6.78 -323.82	532.33 2.76 -504.77	425.86 2.78 -398.75	386.66 7.15 -313.91	426.05 12.24 -302.61	206.28 1.30 -193.47	87.38 2.32 -65.08
GOWANUS_GT2_6 24119	138.19 -1.88 -161.50	107.70 -1.00 -120.03	105.64 1.72 -84.79	96.25 0.45 -90.76	97.51 2.85 -64.82	130.02 11.14 -0.01	134.59 12.18 -0.12	120.94 11.09 -5.22	212.79 9.15 -122.88	134.10 3.91 -97.24	439.12 2.58 -414.60	456.23 0.86 -447.96	423.09 6.49 -359.94	419.97 2.91 -392.78	495.00 3.10 -465.29	811.63 5.47 -759.58	363.27 5.81 -304.92	390.63 6.78 -323.82	532.33 2.76 -504.77	425.86 2.78 -398.75	386.66 7.15 -313.91	426.05 12.24 -302.61	206.28 1.30 -193.47	87.38 2.32 -65.08
GOWANUS_GT2_7 24120	138.19 -1.88 -161.50	107.70 -1.00 -120.03	105.64 1.72 -84.79	96.25 0.45 -90.76	97.51 2.85 -64.82	130.02 11.14 -0.01	134.59 12.18 -0.12	120.94 11.09 -5.22	212.79 9.15 -122.88	134.10 3.91 -97.24	439.12 2.58 -414.60	456.23 0.86 -447.96	423.09 6.49 -359.94	419.97 2.91 -392.78	495.00 3.10 -465.29	811.63 5.47 -759.58	363.27 5.81 -304.92	390.63 6.78 -323.82	532.33 2.76 -504.77	425.86 2.78 -398.75	386.66 7.15 -313.91	426.05 12.24 -302.61	206.28 1.30 -193.47	87.38 2.32 -65.08
GOWANUS_GT2_8 24121	138.19 -1.88 -161.50	107.70 -1.00 -120.03	105.64 1.72 -84.79	96.25 0.45 -90.76	97.51 2.85 -64.82	130.02 11.14 -0.01	134.59 12.18 -0.12	120.94 11.09 -5.22	212.79 9.15 -122.88	134.10 3.91 -97.24	439.12 2.58 -414.60	456.23 0.86 -447.96	423.09 6.49 -359.94	419.97 2.91 -392.78	495.00 3.10 -465.29	811.63 5.47 -759.58	363.27 5.81 -304.92	390.63 6.78 -323.82	532.33 2.76 -504.77	425.86 2.78 -398.75	386.66 7.15 -313.91	426.05 12.24 -302.61	206.28 1.30 -193.47	87.38 2.32 -65.08
GOWANUS_GT3_1 24122	138.19 -1.88 -161.50	107.70 -1.00 -120.03	105.64 1.72 -84.79	96.25 0.45 -90.76	97.51 2.85 -64.82	130.02 11.14 -0.01	134.59 12.18 -0.12	120.94 11.09 -5.22	138.18 9.15 -48.27	120.76 3.91 -83.90	156.32 2.58 -131.81	162.72 0.86 -154.47	152.94 6.49 -89.78	149.81 2.91 -122.63	164.81 3.10 -135.10	204.40 5.47 -152.35	169.98 5.81 -111.63	214.30 6.78 -147.49	311.36 2.76 -283.81	239.92 2.78 -212.81	188.15 7.15 -115.41	182.48 12.24 -59.04	134.88 1.30 -122.07	87.38 2.32 -65.08
GOWANUS_GT3_2 24123	138.19 -1.88 -161.50	107.70 -1.00 -120.03	105.64 1.72 -84.79	96.25 0.45 -90.76	97.51 2.85 -64.82	130.02 11.14 -0.01	134.59 12.18 -0.12	120.94 11.09 -5.22	138.18 9.15 -48.27	120.76 3.91 -83.90	156.32 2.58 -131.81	162.72 0.86 -154.47	152.94 6.49 -89.78	149.81 2.91 -122.63	164.81 3.10 -135.10	204.40 5.47 -152.35	169.98 5.81 -111.63	214.30 6.78 -147.49	311.36 2.76 -283.81	239.92 2.78 -212.81	188.15 7.15 -115.41	182.48 12.24 -59.04	134.88 1.30 -122.07	87.38 2.32 -65.08
GOWANUS_GT3_3 24124	138.19 -1.88 -161.50	107.70 -1.00 -120.03	105.64 1.72 -84.79	96.25 0.45 -90.76	97.51 2.85 -64.82	130.02 11.14 -0.01	134.59 12.18 -0.12	120.94 11.09 -5.22	138.18 9.15 -48.27	120.76 3.91 -83.90	156.32 2.58 -131.81	162.72 0.86 -154.47	152.94 6.49 -89.78	149.81 2.91 -122.63	164.81 3.10 -135.10	204.40 5.47 -152.35	169.98 5.81 -111.63	214.30 6.78 -147.49	311.36 2.76 -283.81	239.92 2.78 -212.81	188.15 7.15 -115.41	182.48 12.24 -59.04	134.88 1.30 -122.07	87.38 2.32 -65.08
GOWANUS_GT3_4 24125	138.19 -1.88 -161.50	107.70 -1.00 -120.03	105.64 1.72 -84.79	96.25 0.45 -90.76	97.51 2.85 -64.82	130.02 11.14 -0.01	134.59 12.18 -0.12	120.94 11.09 -5.22	138.18 9.15 -48.27	120.76 3.91 -83.90	156.32 2.58 -131.81	162.72 0.86 -154.47	152.94 6.49 -89.78	149.81 2.91 -122.63	164.81 3.10 -135.10	204.40 5.47 -152.35	169.98 5.81 -111.63	214.30 6.78 -147.49	311.36 2.76 -283.81	239.92 2.78 -212.81	188.15 7.15 -115.41	182.48 12.24 -59.04	134.88 1.30 -122.07	87.38 2.32 -65.08
GOWANUS_GT3_5 24126	138.19 -1.88 -161.50	107.70 -1.00 -120.03	105.64 1.72 -84.79	96.25 0.45 -90.76	97.51 2.85 -64.82	130.02 11.14 -0.01	134.59 12.18 -0.12	120.94 11.09 -5.22	138.18 9.15 -48.27	120.76 3.91 -83.90	156.32 2.58 -131.81	162.72 0.86 -154.47	152.94 6.49 -89.78	149.81 2.91 -122.63	164.81 3.10 -135.10	204.40 5.47 -152.35	169.98 5.81 -111.63	214.30 6.78 -147.49	311.36 2.76 -283.81	239.92 2.78 -212.81	188.15 7.15 -115.41	182.48 12.24 -59.04	134.88 1.30 -122.07	87.38 2.32 -65.08
GOWANUS_GT3_6 24127	138.19 -1.88 -161.50	107.70 -1.00 -120.03	105.64 1.72 -84.79	96.25 0.45 -90.76	97.51 2.85 -64.82	130.02 11.14 -0.01	134.59 12.18 -0.12	120.94 11.09 -5.22	138.18 9.15 -48.27	120.76 3.91 -83.90	156.32 2.58 -131.81	162.72 0.86 -154.47	152.94 6.49 -89.78	149.81 2.91 -122.63	164.81 3.10 -135.10	204.40 5.47 -152.35	169.98 5.81 -111.63	214.30 6.78 -147.49	311.36 2.76 -283.81	239.92 2.78 -212.81	188.15 7.15 -115.41	182.48 12.24 -59.04	134.88 1.30 -122.07	87.38 2.32 -65.08
GOWANUS_GT3_7 24128	138.19 -1.88 -161.50	107.70 -1.00 -120.03	105.64 1.72 -84.79	96.25 0.45 -90.76	97.51 2.85 -64.82	130.02 11.14 -0.01	134.59 12.18 -0.12	120.94 11.09 -5.22	138.18 9.15 -48.27	120.76 3.91 -83.90	156.32 2.58 -131.81	162.72 0.86 -154.47	152.94 6.49 -89.78	149.81 2.91 -122.63	164.81 3.10 -135.10	204.40 5.47 -152.35	169.98 5.81 -111.63	214.30 6.78 -147.49	311.36 2.76 -283.81	239.92 2.78 -212.81	188.15 7.15 -115.41	182.48 12.24 -59.04	134.88 1.30 -122.07	87.38 2.32 -65.08
GOWANUS_GT3_8 24129	138.19 -1.88 -161.50	107.70 -1.00 -120.03	105.64 1.72 -84.79	96.25 0.45 -90.76	97.51 2.85 -64.82	130.02 11.14 -0.01	134.59 12.18 -0.12	120.94 11.09 -5.22	138.18 9.15 -48.27	120.76 3.91 -83.90	156.32 2.58 -131.81	162.72 0.86 -154.47	152.94 6.49 -89.78	149.81 2.91 -122.63	164.81 3.10 -135.10	204.40 5.47 -152.35	169.98 5.81 -111.63	214.30 6.78 -147.49	311.36 2.76 -283.81	239.92 2.78 -212.81	188.15 7.15 -115.41	182.48 12.24 -59.04	134.88 1.30 -122.07	87.38 2.32 -65.08
GOWANUS_GT4_1 24130	138.19 -1.88 -161.50	107.70 -1.00 -120.03	105.65 1.72 -84.79	96.25 0.45 -90.76	97.50 2.85 -64.82	130.02 11.14 -0.01	134.59 12.19 -0.12	120.96 11.11 -5.22	212.77 9.13 -122.88	134.09 3.90 -97.24	439.13 2.59 -414.60	456.22 0.86 -447.96	423.09 6.49 -359.94	419.99 2.93 -392.78	495.08 3.19 -465.29	811.66 5.51 -759.58	363.43 5.98 -304.92	390.72 6.87 -323.82	532.33 2.77 -504.77	425.84 2.77 -398.75	386.74 7.24 -313.91	426.04 12.23 -302.61	206.28 1.31 -193.47	87.38 2.32 -65.08
GOWANUS_GT4_2 24131	138.19 -1.88 -161.50	107.70 -1.00 -120.03	105.65 1.72 -84.79	96.25 0.45 -90.76	97.50 2.85 -64.82	130.02 11.14 -0.01	134.59 12.19 -0.12	120.96 11.11 -5.22	212.77 9.13 -122.88	134.09 3.90 -97.24	439.13 2.59 -414.60	456.22 0.86 -447.96	423.09 6.49 -359.94	419.99 2.93 -392.78	495.08 3.19 -465.29	811.66 5.51 -759.58	363.43 5.98 -304.92	390.72 6.87 -323.82	532.33 2.77 -504.77	425.84 2.77 -398.75	386.74 7.24 -313.91	426.04 12.23 -302.61	206.28 1.31 -193.47	87.38 2.32 -65.08

GOWANUS_GT4_3 24132	138.19 -1.88 -161.50	107.70 -1.00 -120.03	105.65 1.72 -84.79	96.25 0.45 -90.76	97.50 2.85 -64.82	130.02 11.14 -0.01	134.59 12.19 -0.12	120.96 11.11 -5.22	212.77 9.13 -122.88	134.09 3.90 -97.24	439.13 2.59 -414.60	456.22 0.86 -447.96	423.09 6.49 -359.94	419.99 2.93 -392.78	495.08 3.19 -465.29	811.66 5.51 -759.58	363.43 5.98 -304.92	390.72 6.87 -323.82	532.33 2.77 -504.77	425.84 2.77 -398.75	386.74 7.24 -313.91	426.04 12.23 -302.61	206.28 1.31 -193.47	87.38 2.32 -65.08
GOWANUS_GT4_4 24133	138.19 -1.88 -161.50	107.70 -1.00 -120.03	105.65 1.72 -84.79	96.25 0.45 -90.76	97.50 2.85 -64.82	130.02 11.14 -0.01	134.59 12.19 -0.12	120.96 11.11 -5.22	212.77 9.13 -122.88	134.09 3.90 -97.24	439.13 2.59 -414.60	456.22 0.86 -447.96	423.09 6.49 -359.94	419.99 2.93 -392.78	495.08 3.19 -465.29	811.66 5.51 -759.58	363.43 5.98 -304.92	390.72 6.87 -323.82	532.33 2.77 -504.77	425.84 2.77 -398.75	386.74 7.24 -313.91	426.04 12.23 -302.61	206.28 1.31 -193.47	87.38 2.32 -65.08
GOWANUS_GT4_5 24134	138.19 -1.88 -161.50	107.70 -1.00 -120.03	105.65 1.72 -84.79	96.25 0.45 -90.76	97.50 2.85 -64.82	130.02 11.14 -0.01	134.59 12.19 -0.12	120.96 11.11 -5.22	212.77 9.13 -122.88	134.09 3.90 -97.24	439.13 2.59 -414.60	456.22 0.86 -447.96	423.09 6.49 -359.94	419.99 2.93 -392.78	495.08 3.19 -465.29	811.66 5.51 -759.58	363.43 5.98 -304.92	390.72 6.87 -323.82	532.33 2.77 -504.77	425.84 2.77 -398.75	386.74 7.24 -313.91	426.04 12.23 -302.61	206.28 1.31 -193.47	87.38 2.32 -65.08
GOWANUS_GT4_6 24135	138.19 -1.88 -161.50	107.70 -1.00 -120.03	105.65 1.72 -84.79	96.25 0.45 -90.76	97.50 2.85 -64.82	130.02 11.14 -0.01	134.59 12.19 -0.12	120.96 11.11 -5.22	212.77 9.13 -122.88	134.09 3.90 -97.24	439.13 2.59 -414.60	456.22 0.86 -447.96	423.09 6.49 -359.94	419.99 2.93 -392.78	495.08 3.19 -465.29	811.66 5.51 -759.58	363.43 5.98 -304.92	390.72 6.87 -323.82	532.33 2.77 -504.77	425.84 2.77 -398.75	386.74 7.24 -313.91	426.04 12.23 -302.61	206.28 1.31 -193.47	87.38 2.32 -65.08
GOWANUS_GT4_7 24136	138.19 -1.88 -161.50	107.70 -1.00 -120.03	105.65 1.72 -84.79	96.25 0.45 -90.76	97.50 2.85 -64.82	130.02 11.14 -0.01	134.59 12.19 -0.12	120.96 11.11 -5.22	212.77 9.13 -122.88	134.09 3.90 -97.24	439.13 2.59 -414.60	456.22 0.86 -447.96	423.09 6.49 -359.94	419.99 2.93 -392.78	495.08 3.19 -465.29	811.66 5.51 -759.58	363.43 5.98 -304.92	390.72 6.87 -323.82	532.33 2.77 -504.77	425.84 2.77 -398.75	386.74 7.24 -313.91	426.04 12.23 -302.61	206.28 1.31 -193.47	87.38 2.32 -65.08
GOWANUS_GT4_8 24137	138.19 -1.88 -161.50	107.70 -1.00 -120.03	105.65 1.72 -84.79	96.25 0.45 -90.76	97.50 2.85 -64.82	130.02 11.14 -0.01	134.59 12.19 -0.12	120.96 11.11 -5.22	212.77 9.13 -122.88	134.09 3.90 -97.24	439.13 2.59 -414.60	456.22 0.86 -447.96	423.09 6.49 -359.94	419.99 2.93 -392.78	495.08 3.19 -465.29	811.66 5.51 -759.58	363.43 5.98 -304.92	390.72 6.87 -323.82	532.33 2.77 -504.77	425.84 2.77 -398.75	386.74 7.24 -313.91	426.04 12.23 -302.61	206.28 1.31 -193.47	87.38 2.32 -65.08
GREENBSH_115KV_TB3 55895	188.68 -0.72 -210.82	142.65 -0.39 -154.38	130.48 0.66 -110.68	114.24 0.17 -109.03	81.08 1.23 -50.02	124.13 5.26 0.00	127.61 5.33 0.00	115.32 4.57 -6.12	95.55 3.64 -11.15	31.51 1.58 3.02	14.26 1.04 8.72	-2.73 0.31 10.44	54.17 2.36 4.85	17.90 1.06 7.44	19.01 1.10 8.69	40.36 2.01 8.22	51.84 2.27 2.97	52.14 2.59 10.47	8.62 1.04 17.21	37.85 1.02 -12.51	69.89 2.63 -1.67	124.11 4.29 -8.62	138.01 0.54 -125.97	42.03 0.96 -21.09
GREENIDGE_115KV_TB5 80291	14.06 0.57 -34.92	14.48 0.26 -25.57	37.03 -0.44 -18.33	22.98 -0.12 -18.06	37.57 -0.55 -8.28	114.81 -4.06 0.00	118.15 -4.14 0.00	101.71 -3.47 -0.55	80.61 -1.99 -1.84	34.87 -0.23 -2.15	28.26 0.11 -6.21	14.91 0.07 -7.44	59.68 -0.44 -3.46	29.64 0.07 -5.30	32.90 0.10 -6.19	52.72 0.28 -5.86	58.84 0.31 -6.00	67.79 0.32 -7.45	40.07 0.43 -14.84	37.78 0.21 -13.24	71.75 -0.59 -6.76	112.14 -2.86 -3.80	33.56 -0.08 -22.13	26.43 -0.13 -6.58
GREENIDGE___3 23582	14.06 0.57 -34.92	14.48 0.26 -25.57	37.03 -0.44 -18.33	22.98 -0.12 -18.06	37.57 -0.55 -8.28	114.81 -4.06 0.00	118.15 -4.14 0.00	101.71 -3.47 -0.55	80.61 -1.99 -1.84	34.87 -0.23 -2.15	28.26 0.11 -6.21	14.91 0.07 -7.44	59.68 -0.44 -3.46	29.64 0.07 -5.30	32.90 0.10 -6.19	52.72 0.28 -5.86	58.84 0.31 -6.00	67.79 0.32 -7.45	40.07 0.43 -14.84	37.78 0.21 -13.24	71.75 -0.59 -6.76	112.14 -2.86 -3.80	33.56 -0.08 -22.13	26.43 -0.13 -6.58
GREENIDGE___4 23583	14.06 0.57 -34.92	14.49 0.26 -25.57	37.03 -0.44 -18.33	22.98 -0.12 -18.06	37.57 -0.55 -8.28	114.81 -4.06 0.00	118.14 -4.15 0.00	101.69 -3.49 -0.55	80.60 -2.00 -1.84	34.87 -0.23 -2.15	28.27 0.12 -6.21	14.92 0.07 -7.44	59.68 -0.44 -3.46	29.66 0.08 -5.30	32.92 0.13 -6.19	52.75 0.31 -5.86	58.94 0.41 -6.00	68.15 0.29 -7.84	40.07 0.43 -14.84	37.77 0.21 -13.24	71.82 -0.52 -6.76	112.12 -2.88 -3.80	33.56 -0.08 -22.13	26.43 -0.13 -6.58
GREENLWN_69_KV_BK 3 55738	138.04 -2.06 -161.52	105.87 -1.07 -118.28	105.77 1.84 -84.79	89.05 0.48 -83.53	71.20 3.04 -38.32	131.36 12.49 0.00	172.88 13.50 -37.09	152.49 11.75 -36.11	144.45 9.72 -53.97	75.86 4.10 -38.80	136.17 2.75 -111.48	145.51 0.84 -137.27	126.96 6.66 -63.63	124.68 2.86 -97.54	143.70 3.17 -113.93	159.72 5.37 -107.77	159.18 6.24 -100.40	204.75 7.09 -137.63	296.91 2.69 -269.42	234.66 2.64 -207.70	178.80 7.80 -105.41	169.49 12.90 -45.39	129.96 1.42 -117.04	87.59 2.52 -65.10
GREENWD_138_KV_38B11_REV_LBMP_J 345004	138.19 -1.88 -161.50	107.70 -1.00 -120.03	105.65 1.72 -84.79	96.25 0.45 -90.76	97.50 2.85 -64.82	130.02 11.14 -0.01	134.59 12.19 -0.12	120.96 11.11 -5.22	138.16 9.13 -48.27	120.75 3.90 -83.90	156.33 2.59 -131.81	162.72 0.86 -154.47	152.94 6.49 -89.78	149.83 2.93 -122.63	164.90 3.19 -135.10	204.44 5.51 -152.35	170.15 5.98 -111.63	214.39 6.87 -147.49	311.37 2.77 -283.81	239.90 2.77 -212.81	188.24 7.24 -115.41	182.47 12.23 -59.04	134.88 1.31 -122.07	87.38 2.32 -65.08
GRISSOM___SOLAR 323813	210.33 -1.22 -232.97	158.64 -0.62 -170.60	142.48 1.04 -122.30	125.79 0.27 -120.48	86.86 1.75 -55.27	126.19 7.33 0.00	130.45 8.16 0.00	122.73 7.39 -10.71	106.82 5.38 -20.68	33.03 1.94 1.86	17.52 0.95 5.37	1.27 0.30 6.43	56.34 2.67 2.99	20.70 1.00 4.58	22.74 1.49 5.35	44.77 3.26 5.06	56.91 4.03 -0.34	58.37 4.79 6.45	19.85 1.97 6.92	57.42 1.89 -31.21	75.88 4.83 -5.46	129.97 7.92 -10.86	152.20 0.76 -139.93	46.33 1.32 -25.03
GROVEVILLE___HYD 323602	138.52 -1.77 -161.71	106.15 -0.92 -118.42	105.60 1.57 -84.89	89.09 0.42 -83.63	70.86 2.66 -38.36	129.85 10.98 0.00	134.20 11.92 0.00	117.61 10.54 -2.44	107.50 8.60 -18.14	74.86 3.59 -38.31	134.86 2.38 -110.54	140.57 0.78 -132.39	124.11 5.91 -61.53	121.27 2.67 -94.33	139.77 2.96 -110.21	156.11 5.29 -104.25	155.75 5.97 -97.24	199.72 6.93 -132.77	288.34 2.85 -260.70	221.00 2.80 -193.88	173.71 7.41 -100.71	166.36 12.12 -43.04	129.27 1.24 -116.52	85.75 2.17 -63.61
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	-2.10 0.18 -19.14	2.60 0.08 -13.86	28.41 -0.14 -9.41	14.85 -0.04 -9.85	34.22 -0.16 -4.54	118.13 -0.74 0.00	121.90 -0.39 0.00	104.33 -0.31 0.00	81.13 -0.02 -0.40	34.24 0.14 -1.14	23.46 0.15 -1.36	11.41 0.05 -3.95	58.45 -0.06 -1.83	27.21 0.12 -2.81	30.02 0.12 -3.29	49.90 0.21 -3.11	55.94 0.20 -3.20	64.27 0.28 -3.96	32.72 0.19 -7.74	30.69 0.07 -6.29	69.14 -0.07 -3.62	112.72 -0.53 -2.05	23.63 0.02 -12.11	23.57 0.03 -3.56

HAMLTNNY_34_KV_TB 80303	-0.49 0.12 -20.81	3.94 0.04 -15.24	29.99 -0.07 -10.93	15.78 -0.02 -10.76	34.73 -0.04 -4.94	118.71 -0.15 0.00	122.53 0.24 0.00	104.87 0.24 0.00	81.67 0.48 -0.43	34.53 0.33 -1.25	24.11 0.31 -1.87	11.83 0.11 -4.31	59.06 0.39 -2.00	27.66 0.31 -3.07	30.55 0.36 -3.59	50.62 0.65 -3.40	56.70 0.67 -3.50	65.18 0.82 -4.33	33.65 0.40 -8.46	31.43 0.23 -6.87	69.86 0.33 -3.95	113.52 0.08 -2.24	24.74 0.07 -13.16	23.98 0.12 -3.88
HAMPSHIRE___PAPER_HYD 323593	-14.92 1.52 -4.98	-11.71 0.89 1.26	-0.10 -1.49 17.75	5.71 -0.30 -0.97	30.01 -1.07 -1.25	115.55 -3.32 0.00	118.76 -3.52 0.00	98.56 -2.56 3.52	65.67 -2.74 12.35	31.68 -1.28 0.00	-34.69 -1.00 55.64	7.09 -0.31 0.00	54.09 -2.57 0.00	20.52 -1.21 2.55	-6.21 -1.44 31.38	23.85 -2.27 20.45	45.86 -2.47 4.21	42.84 -2.83 14.36	-20.50 -1.18 44.12	-2.32 -1.15 25.50	62.85 -2.93 -0.19	107.02 -4.42 -0.24	2.49 -0.62 8.40	-10.66 -1.10 29.55
HARDSCRABBLE_WT_PWR 323673	-21.85 -0.43 0.00	-11.48 -0.15 0.00	19.36 0.22 0.00	5.08 0.04 0.00	30.29 0.46 0.00	121.72 2.86 0.00	125.80 3.52 0.00	108.05 3.03 -0.39	84.36 2.23 -1.37	33.77 0.81 0.00	20.68 0.37 1.63	7.49 0.09 0.00	57.22 0.55 0.00	24.86 0.30 -0.28	30.72 0.62 -3.49	50.24 1.38 -2.28	54.69 1.67 -0.48	63.73 2.10 -1.60	30.56 0.85 -4.91	27.97 0.79 -2.86	67.57 1.98 0.00	114.22 3.02 0.00	13.06 0.31 -1.24	23.92 0.59 -3.35
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	128.71 -1.50 -151.62	98.91 -0.78 -111.03	100.07 1.33 -79.60	83.81 0.36 -78.41	68.09 2.28 -35.97	128.16 9.29 0.00	132.37 10.08 0.00	115.71 8.84 -2.24	75.08 7.24 12.92	71.52 3.04 -35.52	126.46 2.01 -102.50	130.83 0.66 -122.77	118.75 5.02 -57.06	114.00 2.26 -87.47	131.26 2.49 -102.16	147.65 4.44 -96.63	147.63 4.93 -90.17	188.78 5.67 -123.07	268.79 2.34 -241.66	206.42 2.32 -179.77	165.12 6.10 -93.43	161.17 9.98 -39.99	121.59 1.03 -109.05	80.97 1.82 -59.17
HARSNRAD_115KV_TB1 81005	7.53 2.68 -26.27	9.17 1.27 -19.24	30.78 -2.15 -13.79	18.06 -0.57 -13.58	33.14 -2.93 -6.23	106.71 -12.16 0.00	109.91 -12.38 0.00	93.35 -11.69 -0.40	73.28 -8.83 -1.35	31.13 -3.42 -1.60	24.84 -1.71 -4.61	12.51 -0.43 -5.54	55.21 -4.02 -2.57	26.65 -1.57 -3.94	29.47 -1.73 -4.59	48.18 -2.75 -4.36	53.86 -3.13 -4.46	62.01 -3.54 -5.52	34.12 -1.68 -11.00	32.20 -1.94 -9.81	64.92 -5.70 -5.03	103.87 -10.16 -2.84	27.07 -1.04 -16.60	23.09 -1.80 -4.92
HARZA MOOSE___RIVER 24016	-15.27 0.19 -5.96	-8.13 0.12 -3.08	16.76 -0.20 2.18	7.74 0.03 -2.66	31.48 0.22 -1.43	120.52 1.65 0.00	124.94 2.66 0.00	106.61 2.67 0.70	80.22 1.92 2.45	33.69 0.74 0.00	6.97 0.46 15.42	7.51 0.10 0.00	57.06 0.39 0.00	23.93 0.16 0.51	25.04 0.16 1.73	45.94 0.54 1.17	53.23 0.83 0.14	60.10 0.82 0.74	22.53 0.38 2.64	23.71 0.28 0.89	66.29 0.45 -0.25	111.99 0.48 -0.31	14.07 -0.02 -2.58	18.78 -0.02 1.18
HDSNBRDG_115KV_BRDG_TB1 355580	-4.13 0.40 -16.89	1.05 0.19 -12.20	26.98 -0.33 -8.17	13.62 -0.09 -8.68	33.38 -0.46 -4.01	116.99 -1.88 0.00	120.65 -1.63 0.00	103.25 -1.38 0.00	80.21 -0.91 -0.36	33.76 -0.22 -1.03	22.80 -0.08 -0.94	10.94 -0.02 -3.56	57.70 -0.62 -1.65	26.68 -0.13 -2.53	29.41 -0.15 -2.96	49.09 -0.28 -2.79	55.03 -0.30 -2.80	63.15 -0.34 -3.46	31.49 -0.06 -6.76	29.67 -0.15 -5.51	68.08 -0.67 -3.17	111.46 -1.54 -1.80	22.07 -0.10 -10.67	22.94 -0.17 -3.13
HELLGATE_13_KV_LD 55870	138.30 -1.78 -161.50	105.99 -0.93 -118.26	105.51 1.59 -84.78	88.98 0.42 -83.52	70.81 2.66 -38.31	129.44 10.57 0.00	133.78 11.49 0.00	117.58 10.56 -2.38	132.16 8.74 -42.66	76.24 3.68 -39.60	139.72 2.46 -115.32	145.33 0.80 -137.13	131.62 6.24 -68.71	128.44 2.80 -101.36	143.52 3.02 -113.90	159.52 5.20 -107.74	158.64 5.73 -100.37	203.74 6.50 -137.22	296.76 2.60 -269.36	226.67 2.61 -199.73	176.33 6.89 -103.84	166.90 11.52 -44.18	129.75 1.22 -117.02	87.27 2.21 -65.08
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	138.30 -1.78 -161.50	105.99 -0.93 -118.26	105.51 1.59 -84.78	88.98 0.42 -83.52	70.81 2.66 -38.31	129.44 10.57 0.00	133.78 11.49 0.00	117.58 10.56 -2.38	132.16 8.74 -42.66	76.24 3.68 -39.60	139.72 2.46 -115.32	145.33 0.80 -137.13	131.62 6.24 -68.71	128.44 2.80 -101.36	143.52 3.02 -113.90	159.52 5.20 -107.74	158.64 5.73 -100.37	203.74 6.50 -137.22	296.76 2.60 -269.36	226.67 2.61 -199.73	176.33 6.89 -103.84	166.90 11.52 -44.18	129.75 1.22 -117.02	87.27 2.21 -65.08
HEMPSTEAD____ 23647	138.21 -1.89 -161.52	105.96 -0.98 -118.28	105.62 1.68 -84.79	89.01 0.44 -83.53	70.97 2.81 -38.32	130.30 11.43 0.00	171.77 12.40 -37.09	151.76 11.02 -36.11	150.29 9.07 -60.46	78.73 3.87 -41.90	149.25 2.59 -124.71	146.55 0.81 -138.34	126.64 6.34 -63.63	124.58 2.76 -97.54	143.53 2.99 -113.93	159.69 5.35 -107.77	158.84 5.90 -100.40	204.64 6.76 -137.84	296.86 2.64 -269.43	234.68 2.66 -207.70	179.11 7.39 -106.14	172.72 12.55 -48.97	129.87 1.32 -117.04	87.44 2.36 -65.10
HEWLETT_69_KV_BK3 55828	138.01 -2.10 -161.52	105.85 -1.09 -118.28	105.81 1.87 -84.79	89.07 0.49 -83.53	71.26 3.10 -38.32	131.53 12.66 0.00	173.05 13.67 -37.09	152.85 12.11 -36.11	173.97 9.89 -83.32	90.07 4.26 -52.85	196.12 2.88 -171.31	150.41 0.89 -142.12	127.35 7.05 -63.63	124.86 3.04 -97.54	143.89 3.35 -113.93	160.22 5.87 -107.77	159.67 6.73 -100.40	206.14 7.66 -138.45	297.31 3.07 -269.45	235.07 3.05 -207.70	182.78 8.49 -108.70	186.78 14.00 -61.57	129.99 1.45 -117.04	87.65 2.57 -65.10
HICKLING___1 23621	23.48 0.71 -44.19	21.36 0.35 -32.36	41.75 -0.59 -23.20	27.74 -0.15 -22.85	39.61 -0.70 -10.48	115.64 -3.23 0.00	119.19 -3.09 0.00	102.51 -2.83 -0.70	81.59 -1.52 -2.36	35.20 -0.50 -2.74	29.72 -0.14 -7.92	16.87 -0.02 -9.49	60.45 -0.62 -4.41	30.92 -0.12 -6.76	34.41 -0.09 -7.90	54.29 0.25 -7.47	60.27 0.10 -7.64	69.60 0.08 -9.50	43.92 0.20 -18.93	41.11 -0.09 -16.88	73.47 -0.72 -8.61	113.59 -2.43 -4.83	39.37 -0.16 -28.02	28.03 -0.31 -8.35
HICKLING___2 23622	23.48 0.71 -44.19	21.36 0.35 -32.36	41.75 -0.59 -23.20	27.74 -0.15 -22.85	39.61 -0.70 -10.48	115.64 -3.23 0.00	119.19 -3.09 0.00	102.51 -2.83 -0.70	81.59 -1.52 -2.36	35.20 -0.50 -2.74	29.72 -0.14 -7.92	16.87 -0.02 -9.49	60.45 -0.62 -4.41	30.92 -0.12 -6.76	34.41 -0.09 -7.90	54.29 0.25 -7.47	60.27 0.10 -7.64	69.60 0.08 -9.50	43.92 0.20 -18.93	41.11 -0.09 -16.88	73.47 -0.72 -8.61	113.59 -2.43 -4.83	39.37 -0.16 -28.02	28.03 -0.31 -8.35
HIGH FALLS___HY 23754	137.69 -2.29 -161.41	105.66 -1.20 -118.20	105.90 2.02 -84.74	89.06 0.54 -83.47	71.48 3.36 -38.29	132.62 13.75 0.00	137.40 15.12 0.00	120.85 13.44 -2.78	102.71 10.89 -11.07	66.25 4.30 -28.99	108.36 2.76 -83.66	108.51 0.91 -100.20	109.96 6.73 -46.57	98.68 3.02 -71.38	113.50 3.50 -83.39	131.89 6.43 -78.88	134.41 7.47 -74.40	169.35 8.86 -100.46	226.25 3.69 -197.77	179.07 3.62 -151.12	153.03 9.55 -77.89	161.53 15.66 -34.67	124.82 1.54 -111.77	75.33 2.66 -52.69
HIGH_RIVER___SOLAR 323847	203.26 -0.84 -225.52	153.37 -0.43 -165.14	138.26 0.73 -118.39	121.86 0.19 -116.63	84.62 1.28 -53.50	124.31 5.44 0.00	128.22 5.93 0.00	121.21 5.31 -11.27	106.38 3.97 -21.65	32.13 1.47 2.29	16.11 0.79 6.62	-0.29 0.24 7.93	54.82 1.85 3.69	19.48 0.85 5.65	21.19 1.18 6.60	42.76 2.42 6.24	54.63 2.97 0.88	55.55 3.48 7.95	16.68 1.44 9.55	56.01 1.38 -30.30	73.25 3.58 -4.08	127.04 5.78 -10.07	147.29 0.57 -135.21	44.64 1.01 -23.66

HILLBURN___GT 23639	130.82 -1.47 -153.71	100.46 -0.75 -112.56	101.13 1.30 -80.69	84.88 0.34 -79.49	68.52 2.22 -36.47	127.90 9.04 0.00	132.12 9.83 0.00	115.47 8.56 -2.27	70.67 7.06 17.14	72.33 2.97 -36.39	128.94 1.98 -105.03	133.85 0.66 -125.79	120.14 5.01 -58.46	116.14 2.25 -89.62	133.70 2.42 -104.67	149.92 4.33 -99.01	149.56 4.67 -92.36	191.55 5.42 -126.10	274.63 2.25 -247.58	210.63 2.27 -184.03	167.12 5.87 -95.66	161.85 9.77 -40.89	123.26 1.01 -110.74	82.21 1.80 -60.43
HILLSIDE_115KV_TB1 80332	25.13 0.84 -45.71	22.55 0.42 -33.47	42.42 -0.72 -24.00	28.50 -0.17 -23.64	39.82 -0.86 -10.84	115.15 -3.72 0.00	118.54 -3.74 0.00	101.96 -3.40 -0.73	81.26 -1.94 -2.44	35.08 -0.72 -2.84	29.83 -0.31 -8.20	17.14 -0.09 -9.83	60.30 -0.93 -4.57	30.99 -0.29 -7.00	34.52 -0.26 -8.17	54.18 -0.13 -7.73	59.96 -0.48 -7.91	69.19 -0.68 -9.84	44.33 -0.07 -19.61	41.45 -0.36 -17.49	73.15 -1.35 -8.91	112.86 -3.34 -5.00	40.26 -0.24 -28.99	28.18 -0.44 -8.65
HISHELDN_WT_PWR 323625	11.81 2.10 -31.13	12.45 1.00 -22.80	33.80 -1.68 -16.34	20.69 -0.45 -16.10	34.81 -2.41 -7.39	108.45 -10.42 0.00	111.95 -10.34 0.00	95.52 -9.59 -0.48	75.43 -6.95 -1.62	32.31 -2.55 -1.91	26.21 -1.24 -5.51	13.67 -0.35 -6.61	56.32 -3.42 -3.07	27.77 -1.21 -4.70	30.84 -1.26 -5.49	49.93 -1.85 -5.20	56.06 -1.80 -5.32	63.59 -2.26 -5.82	36.85 -1.10 -13.15	34.64 -1.42 -11.73	67.43 -4.15 -5.99	106.54 -8.04 -3.38	30.41 -0.79 -19.69	24.46 -1.36 -5.85
HOLTSVILLE_IC_1 23690	137.78 -2.32 -161.52	105.73 -1.21 -118.28	105.99 2.05 -84.79	89.11 0.53 -83.53	71.53 3.38 -38.32	132.87 14.00 0.00	174.47 15.09 -37.09	153.94 13.20 -36.11	145.17 10.61 -53.80	75.86 4.19 -38.71	135.85 2.78 -111.14	145.50 0.85 -137.24	126.91 6.61 -63.63	124.66 2.84 -97.54	143.65 3.11 -113.93	159.94 5.60 -107.77	159.50 6.56 -100.40	205.09 7.43 -137.63	296.74 2.52 -269.42	234.61 2.58 -207.70	179.10 8.12 -105.39	169.96 13.46 -45.30	130.00 1.45 -117.04	87.70 2.63 -65.10
HOLTSVILLE_IC_10 23699	137.64 -2.46 -161.52	105.66 -1.28 -118.28	106.10 2.17 -84.79	89.14 0.57 -83.53	71.72 3.57 -38.32	133.64 14.77 0.00	175.34 15.96 -37.09	154.71 13.97 -36.11	145.88 11.21 -53.92	76.09 4.37 -38.77	136.21 2.89 -111.38	145.55 0.89 -137.26	127.18 6.88 -63.63	124.78 2.96 -97.54	143.78 3.24 -113.93	160.20 5.85 -107.77	159.82 6.89 -100.40	205.50 7.84 -137.63	296.77 2.55 -269.42	234.64 2.61 -207.70	179.53 8.54 -105.40	170.65 14.08 -45.37	130.06 1.51 -117.04	87.81 2.73 -65.10
HOLTSVILLE_IC_2 23691	137.78 -2.32 -161.52	105.73 -1.21 -118.28	105.99 2.05 -84.79	89.11 0.53 -83.53	71.53 3.38 -38.32	132.87 14.00 0.00	174.47 15.09 -37.09	153.94 13.20 -36.11	145.17 10.61 -53.80	75.86 4.19 -38.71	135.85 2.78 -111.14	145.50 0.85 -137.24	126.91 6.61 -63.63	124.66 2.84 -97.54	143.65 3.11 -113.93	159.94 5.60 -107.77	159.50 6.56 -100.40	205.09 7.43 -137.63	296.74 2.52 -269.42	234.61 2.58 -207.70	179.10 8.12 -105.39	169.96 13.46 -45.30	130.00 1.45 -117.04	87.70 2.63 -65.10
HOLTSVILLE_IC_3 23692	137.78 -2.32 -161.52	105.73 -1.21 -118.28	105.99 2.05 -84.79	89.11 0.53 -83.53	71.53 3.38 -38.32	132.87 14.00 0.00	174.47 15.09 -37.09	153.94 13.20 -36.11	145.17 10.61 -53.80	75.86 4.19 -38.71	135.85 2.78 -111.14	145.50 0.85 -137.24	126.91 6.61 -63.63	124.66 2.84 -97.54	143.65 3.11 -113.93	159.94 5.60 -107.77	159.50 6.56 -100.40	205.09 7.43 -137.63	296.74 2.52 -269.42	234.61 2.58 -207.70	179.10 8.12 -105.39	169.96 13.46 -45.30	130.00 1.45 -117.04	87.70 2.63 -65.10
HOLTSVILLE_IC_4 23693	137.78 -2.32 -161.52	105.73 -1.21 -118.28	105.99 2.05 -84.79	89.11 0.53 -83.53	71.53 3.38 -38.32	132.87 14.00 0.00	174.47 15.09 -37.09	153.94 13.20 -36.11	145.17 10.61 -53.80	75.86 4.19 -38.71	135.85 2.78 -111.14	145.50 0.85 -137.24	126.91 6.61 -63.63	124.66 2.84 -97.54	143.65 3.11 -113.93	159.94 5.60 -107.77	159.50 6.56 -100.40	205.09 7.43 -137.63	296.74 2.52 -269.42	234.61 2.58 -207.70	179.10 8.12 -105.39	169.96 13.46 -45.30	130.00 1.45 -117.04	87.70 2.63 -65.10
HOLTSVILLE_IC_5 23694	137.78 -2.32 -161.52	105.73 -1.21 -118.28	105.99 2.05 -84.79	89.11 0.53 -83.53	71.53 3.38 -38.32	132.87 14.00 0.00	174.47 15.09 -37.09	153.94 13.20 -36.11	145.17 10.61 -53.80	75.86 4.19 -38.71	135.85 2.78 -111.14	145.50 0.85 -137.24	126.91 6.61 -63.63	124.66 2.84 -97.54	143.65 3.11 -113.93	159.94 5.60 -107.77	159.50 6.56 -100.40	205.09 7.43 -137.63	296.74 2.52 -269.42	234.61 2.58 -207.70	179.10 8.12 -105.39	169.96 13.46 -45.30	130.00 1.45 -117.04	87.70 2.63 -65.10
HOLTSVILLE_IC_6 23695	137.64 -2.46 -161.52	105.66 -1.28 -118.28	106.10 2.17 -84.79	89.14 0.57 -83.53	71.72 3.57 -38.32	133.64 14.77 0.00	175.34 15.96 -37.09	154.71 13.97 -36.11	145.88 11.21 -53.92	76.09 4.37 -38.77	136.21 2.89 -111.38	145.55 0.89 -137.26	127.18 6.88 -63.63	124.78 2.96 -97.54	143.78 3.24 -113.93	160.20 5.85 -107.77	159.82 6.89 -100.40	205.50 7.84 -137.63	296.77 2.55 -269.42	234.64 2.61 -207.70	179.53 8.54 -105.40	170.65 14.08 -45.37	130.06 1.51 -117.04	87.81 2.73 -65.10
HOLTSVILLE_IC_7 23696	137.64 -2.46 -161.52	105.66 -1.28 -118.28	106.10 2.17 -84.79	89.14 0.57 -83.53	71.72 3.57 -38.32	133.64 14.77 0.00	175.34 15.96 -37.09	154.71 13.97 -36.11	145.88 11.21 -53.92	76.09 4.37 -38.77	136.21 2.89 -111.38	145.55 0.89 -137.26	127.18 6.88 -63.63	124.78 2.96 -97.54	143.78 3.24 -113.93	160.20 5.85 -107.77	159.82 6.89 -100.40	205.50 7.84 -137.63	296.77 2.55 -269.42	234.64 2.61 -207.70	179.53 8.54 -105.40	170.65 14.08 -45.37	130.06 1.51 -117.04	87.81 2.73 -65.10
HOLTSVILLE_IC_8 23697	137.64 -2.46 -161.52	105.66 -1.28 -118.28	106.10 2.17 -84.79	89.14 0.57 -83.53	71.72 3.57 -38.32	133.64 14.77 0.00	175.34 15.96 -37.09	154.71 13.97 -36.11	145.88 11.21 -53.92	76.09 4.37 -38.77	136.21 2.89 -111.38	145.55 0.89 -137.26	127.18 6.88 -63.63	124.78 2.96 -97.54	143.78 3.24 -113.93	160.20 5.85 -107.77	159.82 6.89 -100.40	205.50 7.84 -137.63	296.77 2.55 -269.42	234.64 2.61 -207.70	179.53 8.54 -105.40	170.65 14.08 -45.37	130.06 1.51 -117.04	87.81 2.73 -65.10
HOLTSVILLE_IC_9 23698	137.64 -2.46 -161.52	105.66 -1.28 -118.28	106.10 2.17 -84.79	89.14 0.57 -83.53	71.72 3.57 -38.32	133.64 14.77 0.00	175.34 15.96 -37.09	154.71 13.97 -36.11	145.88 11.21 -53.92	76.09 4.37 -38.77	136.21 2.89 -111.38	145.55 0.89 -137.26	127.18 6.88 -63.63	124.78 2.96 -97.54	143.78 3.24 -113.93	160.20 5.85 -107.77	159.82 6.89 -100.40	205.50 7.84 -137.63	296.77 2.55 -269.42	234.64 2.61 -207.70	179.53 8.54 -105.40	170.65 14.08 -45.37	130.06 1.51 -117.04	87.81 2.73 -65.10
HOMER_HL_115KV_TB2 355744	12.75 1.46 -32.71	13.33 0.72 -23.95	35.15 -1.16 -17.17	21.66 -0.29 -16.92	36.26 -1.33 -7.76	113.07 -5.80 0.00	115.49 -6.79 0.00	98.48 -6.66 -0.51	77.88 -4.59 -1.71	33.33 -1.63 -2.01	27.14 -0.61 -5.80	14.27 -0.10 -6.97	58.62 -1.28 -3.24	28.92 -0.32 -4.96	32.05 -0.35 -5.79	51.82 -0.24 -5.48	57.29 -0.85 -5.60	65.84 -1.14 -6.95	38.00 -0.65 -13.85	35.64 -1.04 -12.35	68.47 -3.44 -6.31	109.09 -5.66 -3.55	31.64 -0.57 -20.71	25.27 -0.86 -6.15
HOWARD_WT_PWR 323690	17.24 1.86 -36.80	16.56 0.95 -26.95	36.89 -1.57 -19.32	23.66 -0.41 -19.03	36.22 -2.34 -8.73	108.90 -9.97 0.00	112.52 -9.77 0.00	96.60 -8.61 -0.58	76.88 -5.82 -1.94	33.01 -2.22 -2.27	27.41 -1.09 -6.56	14.93 -0.33 -7.86	56.43 -3.89 -3.66	28.49 -1.38 -5.60	31.65 -1.49 -6.54	50.75 -2.02 -6.19	57.05 -1.82 -6.33	66.18 -1.71 -7.86	39.84 -0.63 -15.67	37.38 -0.92 -13.97	69.48 -3.24 -7.13	108.04 -7.17 -4.01	34.12 -0.71 -23.32	25.68 -1.24 -6.94

HQ_GEN_CEDARS 23644	-17.63 1.59 -2.20	-17.32 0.98 6.96	-16.89 -1.64 34.39	2.99 -0.38 1.67	29.75 -0.72 -0.64	116.75 -2.13 0.00	117.93 -4.36 0.00	95.00 -3.33 6.30	54.87 -3.76 22.13	31.18 -1.77 0.00	-94.31 -1.34 114.91	7.11 -0.29 0.00	55.03 -1.63 0.00	18.86 -0.85 4.56	3.70 -1.09 21.82	30.09 -1.88 14.60	46.60 -2.77 3.17	47.28 -3.14 9.61	-8.93 -1.37 32.35	7.11 -1.17 16.05	63.23 -2.36 0.00	108.82 -2.38 0.00	1.24 -0.47 9.81	-3.29 -0.84 22.42
HQ_GEN_CEDARS_PROXY 323590	-17.64 1.58 -2.20	-17.32 0.98 6.96	-16.90 -1.65 34.39	2.99 -0.38 1.67	29.75 -0.72 -0.64	116.74 -2.12 0.00	117.93 -4.36 0.00	95.00 -3.33 6.30	62.12 -3.76 14.88	24.37 -1.77 6.82	-94.32 -1.35 114.91	7.11 -0.29 0.00	55.03 -1.63 0.00	18.86 -0.85 4.56	3.69 -1.10 21.82	30.10 -1.88 14.60	46.58 -2.79 3.17	47.31 -3.11 9.61	-8.93 -1.38 32.35	7.11 -1.17 16.05	63.22 -2.37 0.00	113.39 -2.37 -4.56	0.47 -0.46 10.57	-5.86 -0.84 24.99
HQ_GEN_IMPORT 323601	-20.68 1.61 0.87	-20.16 1.07 9.89	-21.44 -1.78 38.80	1.13 -0.43 3.48	29.01 -0.74 0.08	117.13 -1.74 0.00	120.06 -2.23 0.00	100.61 -1.95 2.08	79.87 -1.88 -0.99	32.00 -0.95 0.00	21.91 -0.68 -0.65	6.78 -0.19 0.43	55.59 -1.07 0.00	22.12 -0.65 1.51	18.61 -0.76 7.24	40.43 -1.30 4.84	50.06 -1.43 1.05	55.24 -1.61 3.19	13.36 -0.72 10.72	18.37 -0.64 5.32	64.17 -1.42 0.00	112.82 -2.01 -3.64	7.97 -0.30 3.25	7.66 -0.54 11.77
HQ_GEN_WHEEL 23651	-20.68 1.61 0.87	-20.16 1.07 9.89	-21.44 -1.78 38.80	1.13 -0.43 3.48	29.01 -0.74 0.08	117.13 -1.74 0.00	120.06 -2.23 0.00	100.61 -1.95 2.08	79.87 -1.88 -0.99	32.00 -0.95 0.00	21.91 -0.68 -0.65	6.78 -0.19 0.43	55.59 -1.07 0.00	22.12 -0.65 1.51	18.61 -0.76 7.24	40.43 -1.30 4.84	50.06 -1.43 1.05	55.24 -1.61 3.19	13.36 -0.72 10.72	18.37 -0.64 5.32	64.17 -1.42 0.00	112.82 -2.01 -3.64	7.97 -0.30 3.25	7.66 -0.54 11.77
HUDSON AVE_GT_3 23810	138.34 -1.72 -161.49	106.00 -0.91 -118.25	105.47 1.56 -84.78	88.97 0.41 -83.52	70.74 2.60 -38.31	129.46 10.59 0.00	133.72 11.44 0.00	117.43 10.42 -2.38	132.12 8.64 -42.72	76.21 3.65 -39.60	138.65 2.44 -114.27	145.07 0.80 -136.86	126.44 6.17 -63.61	124.56 2.77 -97.51	143.49 2.99 -113.89	159.47 5.17 -107.73	158.57 5.67 -100.36	203.67 6.44 -137.20	296.69 2.57 -269.33	226.61 2.57 -199.71	176.29 6.87 -103.83	166.87 11.50 -44.18	129.74 1.22 -117.01	87.22 2.17 -65.07
HUDSON AVE_GT_4 23540	138.34 -1.72 -161.49	106.00 -0.91 -118.25	105.47 1.56 -84.78	88.97 0.41 -83.52	70.74 2.60 -38.31	129.46 10.59 0.00	133.72 11.44 0.00	117.43 10.42 -2.38	132.12 8.64 -42.72	76.21 3.65 -39.60	138.65 2.44 -114.27	145.07 0.80 -136.86	126.44 6.17 -63.61	124.56 2.77 -97.51	143.49 2.99 -113.89	159.47 5.17 -107.73	158.57 5.67 -100.36	203.67 6.44 -137.20	296.69 2.57 -269.33	226.61 2.57 -199.71	176.29 6.87 -103.83	166.87 11.50 -44.18	129.74 1.22 -117.01	87.22 2.17 -65.07
HUDSON AVE_GT_5 23657	138.34 -1.72 -161.49	106.00 -0.91 -118.25	105.47 1.56 -84.78	88.97 0.41 -83.52	70.74 2.60 -38.31	129.46 10.59 0.00	133.72 11.44 0.00	117.43 10.42 -2.38	132.12 8.64 -42.72	76.21 3.65 -39.60	138.65 2.44 -114.27	145.07 0.80 -136.86	126.44 6.17 -63.61	124.56 2.77 -97.51	143.49 2.99 -113.89	159.47 5.17 -107.73	158.57 5.67 -100.36	203.67 6.44 -137.20	296.69 2.57 -269.33	226.61 2.57 -199.71	176.29 6.87 -103.83	166.87 11.50 -44.18	129.74 1.22 -117.01	87.22 2.17 -65.07
HUDSON_AVE_10 24168	138.44 -1.62 -161.49	106.05 -0.86 -118.25	105.39 1.47 -84.78	88.94 0.39 -83.52	70.60 2.46 -38.31	128.90 10.03 0.00	133.13 10.84 0.00	116.95 9.94 -2.38	131.72 8.24 -42.72	76.05 3.49 -39.60	138.55 2.33 -114.27	145.03 0.76 -136.86	126.16 5.88 -63.61	124.43 2.65 -97.51	143.34 2.85 -113.89	159.19 4.89 -107.73	158.25 5.35 -100.36	203.30 6.08 -137.20	296.54 2.42 -269.33	226.46 2.43 -199.71	175.91 6.49 -103.83	166.22 10.85 -44.18	129.68 1.16 -117.01	87.12 2.07 -65.07
HUDSON___115KV_TB 4 355613	182.10 -1.27 -204.79	137.94 -0.68 -149.96	127.80 1.14 -107.51	111.25 0.30 -105.91	80.47 2.05 -48.58	127.58 8.71 0.00	131.39 9.10 0.00	117.63 7.68 -5.32	97.27 5.92 -10.59	35.41 2.46 0.00	23.50 1.56 0.00	7.87 0.47 0.00	60.03 3.36 0.00	25.70 1.43 0.00	28.17 1.57 0.00	49.84 3.26 0.00	60.91 4.07 -4.31	64.75 4.72 0.00	29.35 1.73 -2.82	50.21 1.66 -24.22	78.70 4.31 -8.81	129.01 6.81 -11.01	136.16 0.85 -123.80	45.37 1.48 -23.92
HUNTER MOUNT___DRP 323613	175.52 -1.36 -198.30	133.14 -0.72 -145.21	124.45 1.21 -104.10	107.92 0.32 -102.55	79.08 2.20 -47.04	128.28 9.41 0.00	132.24 9.96 0.00	117.97 8.55 -4.79	98.55 6.53 -11.26	40.60 2.72 -4.92	37.83 1.70 -14.19	24.91 0.51 -17.00	68.18 3.61 -7.90	37.93 1.54 -12.11	42.49 1.73 -14.15	63.64 3.68 -13.38	73.38 4.63 -16.21	82.43 5.36 -17.04	62.45 1.81 -35.84	71.60 1.72 -45.55	90.58 4.43 -20.56	133.12 6.86 -15.07	134.73 0.93 -122.28	50.48 1.61 -28.90
HUNTINGTON_RES_REC 323705	137.84 -2.26 -161.52	105.77 -1.17 -118.28	105.93 1.99 -84.79	89.09 0.52 -83.53	71.45 3.30 -38.32	132.49 13.62 0.00	174.11 14.74 -37.08	153.53 12.79 -36.11	145.09 10.50 -53.83	75.94 4.26 -38.73	135.98 2.82 -111.21	145.51 0.86 -137.25	127.02 6.73 -63.63	124.72 2.90 -97.54	143.69 3.16 -113.93	159.94 5.60 -107.77	159.43 6.49 -100.40	205.11 7.46 -137.63	296.91 2.69 -269.42	234.73 2.71 -207.70	179.13 8.15 -105.39	170.08 13.56 -45.32	130.02 1.47 -117.04	87.71 2.64 -65.10
HUNTLEY___63 23557	8.15 2.37 -27.21	9.68 1.10 -19.92	31.56 -1.86 -14.28	18.62 -0.49 -14.07	33.78 -2.51 -6.45	108.40 -10.47 0.00	111.68 -10.60 0.00	94.96 -10.09 -0.42	74.59 -7.57 -1.40	31.72 -2.89 -1.66	25.38 -1.35 -4.79	12.84 -0.31 -5.75	56.22 -3.11 -2.67	27.19 -1.17 -4.09	30.09 -1.29 -4.77	49.13 -1.97 -4.52	54.86 -2.30 -4.62	63.22 -2.54 -5.73	34.94 -1.27 -11.41	32.97 -1.54 -10.18	66.17 -4.63 -5.21	105.76 -8.38 -2.94	27.85 -0.85 -17.19	23.59 -1.49 -5.09
HUNTLEY___64 23558	8.15 2.37 -27.21	9.68 1.10 -19.92	31.56 -1.86 -14.28	18.62 -0.49 -14.07	33.78 -2.51 -6.45	108.40 -10.47 0.00	111.68 -10.60 0.00	94.96 -10.09 -0.42	74.59 -7.57 -1.40	31.72 -2.89 -1.66	25.38 -1.35 -4.79	12.84 -0.31 -5.75	56.22 -3.11 -2.67	27.19 -1.17 -4.09	30.09 -1.29 -4.77	49.13 -1.97 -4.52	54.86 -2.30 -4.62	63.22 -2.54 -5.73	34.94 -1.27 -11.41	32.97 -1.54 -10.18	66.17 -4.63 -5.21	105.76 -8.38 -2.94	27.85 -0.85 -17.19	23.59 -1.49 -5.09
HUNTLEY___65 23559	8.15 2.37 -27.21	9.68 1.10 -19.92	31.56 -1.86 -14.28	18.62 -0.49 -14.07	33.78 -2.51 -6.45	108.40 -10.47 0.00	111.68 -10.60 0.00	94.96 -10.09 -0.42	74.59 -7.57 -1.40	31.72 -2.89 -1.66	25.38 -1.35 -4.79	12.84 -0.31 -5.75	56.22 -3.11 -2.67	27.19 -1.17 -4.09	30.09 -1.29 -4.77	49.13 -1.97 -4.52	54.86 -2.30 -4.62	63.22 -2.54 -5.73	34.94 -1.27 -11.41	32.97 -1.54 -10.18	66.17 -4.63 -5.21	105.76 -8.38 -2.94	27.85 -0.85 -17.19	23.59 -1.49 -5.09
HUNTLEY___66 23560	8.15 2.37 -27.21	9.68 1.10 -19.92	31.56 -1.86 -14.28	18.62 -0.49 -14.07	33.78 -2.51 -6.45	108.40 -10.47 0.00	111.68 -10.60 0.00	94.96 -10.09 -0.42	74.59 -7.57 -1.40	31.72 -2.89 -1.66	25.38 -1.35 -4.79	12.84 -0.31 -5.75	56.22 -3.11 -2.67	27.19 -1.17 -4.09	30.09 -1.29 -4.77	49.13 -1.97 -4.52	54.86 -2.30 -4.62	63.22 -2.54 -5.73	34.94 -1.27 -11.41	32.97 -1.54 -10.18	66.17 -4.63 -5.21	105.76 -8.38 -2.94	27.85 -0.85 -17.19	23.59 -1.49 -5.09

HUNTLEY___67 23561	8.71 2.42 -27.72	10.09 1.13 -20.30	31.78 -1.91 -14.55	18.88 -0.50 -14.33	33.80 -2.61 -6.58	107.99 -10.88 0.00	111.15 -11.13 0.00	94.51 -10.55 -0.43	74.32 -7.87 -1.43	31.62 -3.03 -1.69	25.36 -1.46 -4.88	12.92 -0.35 -5.86	55.99 -3.39 -2.73	27.16 -1.28 -4.17	30.06 -1.41 -4.86	49.01 -2.18 -4.61	54.72 -2.53 -4.71	62.99 -2.87 -5.84	35.04 -1.40 -11.64	33.02 -1.68 -10.38	65.92 -4.98 -5.31	105.28 -8.92 -3.00	28.13 -0.89 -17.52	23.61 -1.55 -5.19
HUNTLEY___68 23562	8.71 2.42 -27.72	10.09 1.13 -20.30	31.78 -1.91 -14.55	18.88 -0.50 -14.33	33.80 -2.61 -6.58	107.99 -10.88 0.00	111.15 -11.13 0.00	94.51 -10.55 -0.43	74.32 -7.87 -1.43	31.62 -3.03 -1.69	25.36 -1.46 -4.88	12.92 -0.35 -5.86	55.99 -3.39 -2.73	27.16 -1.28 -4.17	30.06 -1.41 -4.86	49.01 -2.18 -4.61	54.72 -2.53 -4.71	62.99 -2.87 -5.84	35.04 -1.40 -11.64	33.02 -1.68 -10.38	65.92 -4.98 -5.31	105.28 -8.92 -3.00	28.13 -0.89 -17.52	23.61 -1.55 -5.19
HYLAND___LFGE 323620	9.19 0.28 -30.33	10.95 0.08 -22.21	34.92 -0.14 -15.92	20.68 -0.04 -15.69	37.02 -0.01 -7.20	118.95 0.08 0.00	123.39 1.10 0.00	105.81 0.71 -0.47	83.31 0.97 -1.58	35.29 0.47 -1.86	27.82 0.52 -5.36	14.04 0.21 -6.43	59.62 -0.04 -2.99	29.14 0.29 -4.58	32.05 0.10 -5.34	52.69 1.06 -5.06	60.01 2.30 -5.18	69.63 3.18 -6.43	38.87 1.26 -12.82	36.69 0.94 -11.43	73.41 1.98 -5.84	116.43 1.95 -3.29	30.89 0.17 -19.21	25.90 0.22 -5.70
INDECK___CORINTH 23802	196.16 -0.73 -218.31	148.13 -0.39 -159.86	134.40 0.66 -114.61	118.11 0.17 -112.90	82.94 1.32 -51.79	124.99 6.12 0.00	129.18 6.89 0.00	121.86 6.32 -10.91	106.78 4.95 -21.07	32.98 1.93 1.90	17.48 1.03 5.49	1.11 0.28 6.57	55.84 2.24 3.05	20.69 1.10 4.68	22.64 1.50 5.47	44.38 2.98 5.17	55.84 3.38 0.07	57.37 3.93 6.59	19.36 1.65 7.08	56.72 1.57 -30.83	74.42 4.10 -4.73	127.53 6.30 -10.03	143.14 0.60 -131.04	44.27 1.02 -23.28
INDECK___ILION 23567	-21.75 -0.33 0.00	-11.49 -0.15 0.00	19.37 0.23 0.00	5.10 0.05 0.00	30.34 0.51 0.00	121.51 2.64 0.00	125.36 3.07 0.00	107.73 2.70 -0.39	84.22 2.09 -1.37	33.79 0.83 0.00	20.78 0.47 1.63	7.55 0.14 0.00	57.63 0.96 0.00	25.02 0.46 -0.28	30.78 0.67 -3.49	50.20 1.34 -2.28	54.56 1.55 -0.48	63.51 1.88 -1.60	30.48 0.78 -4.91	27.91 0.72 -2.86	67.42 1.83 0.00	114.10 2.90 0.00	13.05 0.31 -1.24	23.87 0.54 -3.35
INDECK___OLEAN 23982	12.75 1.46 -32.71	13.33 0.72 -23.95	35.15 -1.16 -17.17	21.66 -0.30 -16.92	36.26 -1.33 -7.76	113.07 -5.80 0.00	115.54 -6.75 0.00	98.54 -6.60 -0.51	77.88 -4.60 -1.71	33.33 -1.64 -2.01	27.18 -0.57 -5.80	14.28 -0.10 -6.97	58.64 -1.26 -3.24	28.98 -0.25 -4.96	32.19 -0.21 -5.79	51.87 -0.19 -5.48	57.57 -0.57 -5.60	63.54 -1.19 -4.71	38.00 -0.65 -13.85	35.61 -1.07 -12.35	68.70 -3.21 -6.31	109.06 -5.69 -3.55	31.64 -0.57 -20.71	25.26 -0.87 -6.15
INDECK___OSWEGO 23783	-8.14 0.91 -12.37	-2.11 0.47 -8.76	23.60 -0.79 -5.25	11.13 -0.21 -6.30	31.54 -1.23 -2.94	113.78 -5.09 0.00	117.19 -5.10 0.00	100.19 -4.45 0.00	77.38 -3.38 0.00	31.71 -1.24 0.00	17.64 -0.77 3.53	7.12 -0.28 0.00	53.86 -2.80 0.00	23.19 -1.09 0.00	22.62 -1.23 2.76	42.51 -2.30 1.77	49.89 -2.54 0.11	55.84 -2.90 1.29	19.91 -1.13 3.75	21.37 -1.15 1.80	62.97 -3.15 -0.53	106.60 -5.26 -0.66	17.71 -0.44 -6.64	18.11 -0.78 1.09
INDECK___YERKES 23781	8.14 2.35 -27.21	9.67 1.09 -19.92	31.58 -1.84 -14.28	18.62 -0.49 -14.07	33.80 -2.49 -6.45	108.50 -10.37 0.00	111.80 -10.49 0.00	95.12 -9.93 -0.42	74.68 -7.48 -1.40	31.75 -2.86 -1.66	25.45 -1.28 -4.79	12.86 -0.29 -5.75	56.30 -3.04 -2.67	27.30 -1.06 -4.09	30.28 -1.09 -4.77	49.24 -1.86 -4.52	55.23 -1.93 -4.62	61.91 -2.47 -4.35	34.96 -1.25 -11.41	32.95 -1.56 -10.18	66.43 -4.37 -5.21	105.82 -8.31 -2.94	27.86 -0.85 -17.19	23.61 -1.47 -5.09
INDIAN POINT_GT_1 24139	136.94 -1.49 -159.85	104.94 -0.78 -117.05	104.39 1.33 -83.92	88.06 0.35 -82.67	70.03 2.27 -37.92	128.14 9.27 0.00	132.29 10.00 0.00	115.85 8.87 -2.36	134.80 7.29 -46.75	74.96 3.07 -38.93	136.34 2.05 -112.35	142.63 0.67 -134.56	124.38 5.18 -62.54	122.48 2.34 -95.87	141.14 2.57 -111.97	156.98 4.49 -105.91	156.20 4.97 -98.69	200.60 5.68 -134.89	291.91 2.31 -264.80	223.07 2.30 -196.45	173.80 6.08 -102.13	164.76 10.08 -43.49	128.25 1.05 -115.70	85.96 1.87 -64.11
INDIAN POINT_GT_2 23659	136.94 -1.49 -159.85	104.94 -0.78 -117.05	104.39 1.33 -83.92	88.06 0.35 -82.67	70.03 2.27 -37.92	128.14 9.27 0.00	132.29 10.00 0.00	115.85 8.87 -2.36	134.80 7.29 -46.75	74.96 3.07 -38.93	136.34 2.05 -112.35	142.63 0.67 -134.56	124.38 5.18 -62.54	122.48 2.34 -95.87	141.14 2.57 -111.97	156.98 4.49 -105.91	156.20 4.97 -98.69	200.60 5.68 -134.89	291.91 2.31 -264.80	223.07 2.30 -196.45	173.80 6.08 -102.13	164.76 10.08 -43.49	128.25 1.05 -115.70	85.96 1.87 -64.11
INDIAN POINT_GT_3 24019	136.94 -1.49 -159.85	104.94 -0.78 -117.05	104.39 1.33 -83.92	88.06 0.35 -82.67	70.03 2.27 -37.92	128.14 9.27 0.00	132.29 10.00 0.00	115.85 8.87 -2.36	134.80 7.29 -46.75	74.96 3.07 -38.93	136.34 2.05 -112.35	142.63 0.67 -134.56	124.38 5.18 -62.54	122.48 2.34 -95.87	141.14 2.57 -111.97	156.98 4.49 -105.91	156.20 4.97 -98.69	200.60 5.68 -134.89	291.91 2.31 -264.80	223.07 2.30 -196.45	173.80 6.08 -102.13	164.76 10.08 -43.49	128.25 1.05 -115.70	85.96 1.87 -64.11
INDIAN POINT___2 23530	134.72 -1.46 -157.60	103.31 -0.76 -115.40	103.17 1.30 -82.73	86.89 0.35 -81.50	69.44 2.21 -37.39	127.90 9.04 0.00	132.03 9.74 0.00	115.56 8.60 -2.33	144.71 7.09 -56.86	73.96 3.00 -38.01	133.61 1.99 -109.68	139.43 0.66 -131.36	122.77 5.06 -61.05	120.13 2.27 -93.59	138.36 2.44 -109.31	154.34 4.36 -103.40	153.64 4.72 -96.38	197.16 5.44 -131.69	285.56 2.24 -258.52	218.50 2.25 -191.92	171.24 5.87 -99.77	163.55 9.81 -42.54	126.41 1.02 -113.88	84.57 1.83 -62.76
INDIAN POINT___3 23531	137.10 -1.45 -159.97	105.05 -0.76 -117.14	104.42 1.30 -83.98	88.12 0.35 -82.73	70.00 2.21 -37.95	127.91 9.04 0.00	132.05 9.76 0.00	115.61 8.62 -2.36	135.35 7.09 -47.50	74.94 3.00 -38.98	136.44 2.00 -112.50	142.80 0.66 -134.74	124.32 5.03 -62.62	122.55 2.28 -95.99	141.22 2.50 -112.12	157.01 4.38 -106.05	156.19 4.83 -98.82	200.63 5.53 -135.07	292.20 2.25 -265.15	223.27 2.25 -196.70	173.80 5.95 -102.26	164.57 9.83 -43.54	128.33 1.03 -115.80	85.99 1.83 -64.18
INGHAM_C_115KV_TB7 356103	-22.06 -0.64 0.00	-11.63 -0.29 0.00	19.59 0.45 0.00	5.14 0.10 0.00	30.68 0.84 0.00	123.31 4.44 0.00	127.57 5.28 0.00	109.61 4.58 -0.39	85.57 3.44 -1.37	34.23 1.28 0.00	20.95 0.63 1.63	7.58 0.18 0.00	57.90 1.23 0.00	25.17 0.61 -0.28	31.12 1.02 -3.49	51.06 2.20 -2.28	55.59 2.58 -0.48	64.83 3.21 -1.60	31.03 1.32 -4.91	28.42 1.23 -2.86	68.74 3.15 0.00	116.23 5.03 0.00	13.26 0.52 -1.24	24.25 0.93 -3.35
IP CORINTH___1 23988	196.04 -0.84 -218.31	148.07 -0.45 -159.86	134.50 0.76 -114.61	118.14 0.19 -112.90	83.09 1.47 -51.79	125.64 6.77 0.00	129.86 7.57 0.00	122.43 6.89 -10.91	107.22 5.39 -21.07	33.17 2.11 1.90	17.60 1.15 5.49	1.15 0.32 6.57	56.16 2.56 3.05	20.82 1.23 4.68	22.79 1.66 5.47	44.65 3.25 5.17	56.14 3.68 0.07	57.71 4.27 6.59	19.50 1.78 7.08	56.86 1.70 -30.83	74.77 4.44 -4.73	128.17 6.95 -10.03	143.20 0.66 -131.04	44.39 1.13 -23.28

IP__TICONDEROGA 23804	195.17 -1.46 -218.05	147.52 -0.82 -159.67	134.98 1.37 -114.47	118.15 0.34 -112.77	84.25 2.69 -51.73	131.47 12.61 0.00	136.47 14.18 0.00	128.30 12.84 -10.82	111.72 10.03 -20.93	34.91 3.78 1.82	18.61 1.93 5.26	1.64 0.54 6.30	58.33 4.59 2.93	22.02 2.23 4.49	24.25 2.89 5.24	47.65 6.03 4.96	59.33 6.67 -0.12	61.22 7.51 6.32	21.34 3.14 6.60	58.26 2.97 -30.96	78.43 7.93 -4.91	134.01 12.73 -10.09	143.61 1.18 -130.92	45.32 2.00 -23.34
ISLIP_RES_REC 323679	137.54 -2.56 -161.52	105.61 -1.33 -118.28	106.19 2.25 -84.79	89.16 0.59 -83.53	71.86 3.71 -38.32	134.19 15.32 0.00	175.97 16.59 -37.09	155.27 14.53 -36.11	146.45 11.69 -54.00	76.31 4.55 -38.81	136.50 3.00 -111.56	145.60 0.93 -137.27	127.46 7.16 -63.63	124.91 3.09 -97.54	143.93 3.40 -113.93	160.49 6.14 -107.77	160.19 7.26 -100.40	205.92 8.26 -137.63	296.95 2.74 -269.42	234.82 2.80 -207.70	180.00 9.00 -105.41	171.38 14.76 -45.41	130.12 1.58 -117.04	87.91 2.83 -65.10
JAMAICA__27_KV_LOAD 355505	138.31 -1.75 -161.49	105.98 -0.93 -118.25	105.49 1.58 -84.78	88.97 0.41 -83.52	70.76 2.61 -38.31	129.58 10.71 0.00	133.82 11.53 0.00	117.67 10.66 -2.38	132.26 8.78 -42.72	76.24 3.68 -39.60	138.68 2.47 -114.27	145.08 0.81 -136.86	126.50 6.23 -63.61	124.56 2.77 -97.51	143.47 2.97 -113.89	159.36 5.06 -107.73	158.45 5.55 -100.36	203.57 6.34 -137.20	296.65 2.53 -269.33	226.56 2.53 -199.71	176.24 6.82 -103.83	166.72 11.34 -44.18	129.75 1.23 -117.01	87.23 2.18 -65.07
JANIS__SOLAR 323808	24.99 -0.50 -46.91	22.73 -0.28 -34.35	44.23 0.46 -24.63	29.43 0.13 -24.26	41.95 0.98 -11.13	123.00 4.13 0.00	127.60 5.32 0.00	110.56 5.00 -0.93	87.67 4.04 -2.87	37.35 1.46 -2.93	31.32 0.93 -8.45	17.80 0.27 -10.13	63.46 2.09 -4.71	32.48 0.99 -7.21	36.20 1.17 -8.43	57.10 2.55 -7.97	63.75 3.06 -8.15	74.07 3.66 -10.39	46.70 1.59 -20.31	44.19 1.38 -18.49	78.11 3.34 -9.18	121.20 4.86 -5.14	41.74 0.47 -29.77	29.64 0.77 -8.89
JARVIS____ 23743	-21.46 -0.04 0.00	-11.35 -0.01 0.00	19.16 0.02 0.00	5.05 0.01 0.00	30.02 0.19 0.00	119.88 1.01 0.00	123.39 1.10 0.00	105.99 0.97 -0.39	82.98 0.85 -1.37	33.33 0.38 0.00	20.56 0.24 1.63	7.47 0.07 0.00	57.12 0.46 0.00	24.80 0.24 -0.28	30.40 0.30 -3.49	49.37 0.52 -2.28	53.59 0.58 -0.48	62.29 0.66 -1.60	29.99 0.28 -4.91	27.45 0.26 -2.86	66.19 0.60 0.00	112.15 0.95 0.00	12.86 0.12 -1.24	23.55 0.22 -3.35
JENNISON__1 23625	38.35 -0.15 -59.92	32.43 -0.10 -43.88	50.71 0.12 -31.45	36.06 0.04 -30.99	44.50 0.46 -14.21	121.09 2.22 0.00	125.70 3.41 0.00	109.85 3.84 -1.37	87.59 2.78 -4.05	37.71 0.98 -3.77	33.53 0.70 -10.89	20.59 0.14 -13.05	64.26 1.53 -6.06	34.32 0.75 -9.29	38.33 0.87 -10.86	58.70 1.85 -10.27	65.15 2.11 -10.50	75.60 2.50 -13.07	52.14 1.07 -26.27	49.51 0.91 -24.27	79.56 2.16 -11.81	120.92 3.13 -6.60	49.83 0.27 -38.05	31.80 0.42 -11.40
JENNISON__2 23626	38.35 -0.15 -59.92	32.43 -0.10 -43.88	50.71 0.12 -31.45	36.06 0.04 -30.99	44.50 0.46 -14.21	121.09 2.22 0.00	125.70 3.41 0.00	109.85 3.84 -1.37	87.59 2.78 -4.05	37.71 0.98 -3.77	33.53 0.70 -10.89	20.59 0.14 -13.05	64.26 1.53 -6.06	34.32 0.75 -9.29	38.33 0.87 -10.86	58.70 1.85 -10.27	65.15 2.11 -10.50	75.60 2.50 -13.07	52.14 1.07 -26.27	49.51 0.91 -24.27	79.56 2.16 -11.81	120.92 3.13 -6.60	49.83 0.27 -38.05	31.80 0.42 -11.40
JERICHO_RISE_WT_PWR 323719	-17.74 1.75 -1.93	-17.60 1.27 7.53	-18.88 -1.98 36.03	2.58 -0.53 1.93	28.92 -1.49 -0.58	113.95 -4.92 0.00	121.19 -6.01 -4.91	97.37 -5.19 2.06	58.64 -4.45 17.67	31.73 -1.98 -0.76	12.92 -1.42 7.60	9.04 -0.43 -2.07	59.23 -2.86 -5.42	18.89 -1.45 3.94	4.11 -1.62 20.87	33.60 -2.85 10.13	52.20 -3.10 -2.76	53.24 -3.45 3.33	-6.73 -1.51 30.01	10.30 -1.39 12.64	68.19 -3.21 -5.81	117.09 -5.01 -10.90	2.16 -0.66 8.69	-2.74 -1.13 21.59
KATONAH__115KV_46KV_TB4 355592	140.37 -1.70 -163.49	107.49 -0.89 -119.72	106.49 1.52 -85.83	90.00 0.40 -84.55	71.20 2.58 -38.79	129.47 10.60 0.00	133.79 11.50 0.00	117.32 10.27 -2.42	122.02 8.60 -32.66	76.83 3.72 -40.15	140.32 2.52 -115.86	146.96 0.80 -138.76	127.31 6.15 -64.49	125.92 2.77 -98.87	145.14 2.90 -115.64	161.08 5.12 -109.39	160.15 5.72 -101.90	205.95 6.61 -139.31	300.98 2.70 -273.48	229.76 2.67 -202.76	178.07 7.07 -105.41	167.64 11.61 -44.83	131.23 1.20 -118.52	88.11 2.11 -66.02
KCE_NY_1 323755	195.22 -1.04 -217.69	147.51 -0.55 -159.41	134.35 0.93 -114.28	117.86 0.24 -112.58	83.17 1.70 -51.64	126.24 7.37 0.00	130.27 7.99 0.00	122.39 7.05 -10.70	106.96 5.48 -20.73	33.41 2.17 1.71	18.30 1.30 4.94	1.86 0.38 5.92	56.96 3.05 2.75	21.50 1.44 4.22	23.49 1.81 4.93	45.33 3.42 4.66	56.81 3.89 -0.38	58.60 4.51 5.94	20.75 1.87 5.91	57.28 1.82 -31.15	75.52 4.76 -5.17	128.94 7.57 -10.17	143.01 0.75 -130.76	44.71 1.31 -23.42
KCE_NY_6_ESR 323823	9.57 2.07 -28.92	10.79 0.95 -21.17	32.70 -1.62 -15.18	19.57 -0.43 -14.95	34.53 -2.16 -6.86	109.73 -9.14 0.00	113.05 -9.24 0.00	96.36 -8.72 -0.45	75.89 -6.37 -1.50	32.33 -2.39 -1.77	26.03 -1.01 -5.10	13.31 -0.22 -6.13	57.05 -2.46 -2.85	27.83 -0.80 -4.36	30.91 -0.78 -5.08	50.16 -1.24 -4.82	56.25 -1.21 -4.93	62.89 -1.69 -4.56	36.04 -0.93 -12.17	33.91 -1.27 -10.85	67.46 -3.69 -5.55	107.21 -7.12 -3.13	29.08 -0.70 -18.28	24.18 -1.22 -5.42
KEDC_PORT_JEFF_GT2 24210	137.66 -2.44 -161.52	105.67 -1.27 -118.28	106.08 2.15 -84.79	89.13 0.56 -83.53	71.69 3.54 -38.32	133.54 14.66 0.00	175.19 15.81 -37.09	154.27 13.53 -36.11	145.75 11.13 -53.86	76.05 4.35 -38.74	136.09 2.89 -111.26	145.54 0.89 -137.25	127.08 6.78 -63.63	124.74 2.92 -97.54	143.74 3.20 -113.93	160.06 5.71 -107.77	159.58 6.65 -100.40	205.13 7.48 -137.63	296.72 2.50 -269.42	234.58 2.56 -207.70	179.09 8.11 -105.39	169.95 13.42 -45.34	130.02 1.47 -117.04	87.75 2.67 -65.10
KEDC_PORT_JEFF_GT3 24211	137.66 -2.44 -161.52	105.67 -1.27 -118.28	106.08 2.15 -84.79	89.13 0.56 -83.53	71.69 3.54 -38.32	133.54 14.66 0.00	175.19 15.81 -37.09	154.27 13.53 -36.11	145.75 11.13 -53.86	76.05 4.35 -38.74	136.09 2.89 -111.26	145.54 0.89 -137.25	127.08 6.78 -63.63	124.74 2.92 -97.54	143.74 3.20 -113.93	160.06 5.71 -107.77	159.58 6.65 -100.40	205.13 7.48 -137.63	296.72 2.50 -269.42	234.58 2.56 -207.70	179.09 8.11 -105.39	169.95 13.42 -45.34	130.02 1.47 -117.04	87.75 2.67 -65.10
KEDC_GLWD_GT4 24219	138.22 -1.88 -161.52	105.96 -0.98 -118.28	105.62 1.68 -84.79	89.02 0.45 -83.53	70.96 2.81 -38.32	130.36 11.49 0.00	171.80 12.42 -37.09	151.76 11.02 -36.11	149.34 9.07 -59.52	78.26 3.85 -41.46	147.31 2.57 -122.79	146.41 0.82 -138.19	126.73 6.43 -63.63	124.64 2.82 -97.54	143.59 3.05 -113.93	159.79 5.44 -107.77	158.95 6.02 -100.40	204.78 6.90 -137.84	296.85 2.62 -269.43	234.63 2.60 -207.70	178.73 7.11 -106.03	172.22 12.57 -48.46	129.85 1.30 -117.04	87.40 2.32 -65.10
KEDC_GLWD_GT5 24220	138.22 -1.88 -161.52	105.96 -0.98 -118.28	105.62 1.68 -84.79	89.02 0.45 -83.53	70.96 2.81 -38.32	130.36 11.49 0.00	171.80 12.42 -37.09	151.76 11.02 -36.11	149.34 9.07 -59.52	78.26 3.85 -41.46	147.31 2.57 -122.79	146.41 0.82 -138.19	126.73 6.43 -63.63	124.64 2.82 -97.54	143.59 3.05 -113.93	159.79 5.44 -107.77	158.95 6.02 -100.40	204.78 6.90 -137.84	296.85 2.62 -269.43	234.63 2.60 -207.70	178.73 7.11 -106.03	172.22 12.57 -48.46	129.85 1.30 -117.04	87.40 2.32 -65.10

KENSICO____ 23655	138.19 -1.56 -161.17	105.87 -0.82 -118.02	105.15 1.40 -84.61	88.76 0.37 -83.35	70.44 2.37 -38.24	128.58 9.71 0.00	132.75 10.47 0.00	116.31 9.30 -2.38	132.78 7.66 -44.36	75.66 3.23 -39.48	138.01 2.16 -113.91	144.54 0.71 -136.43	125.53 5.45 -63.41	123.94 2.46 -97.20	142.82 2.69 -113.53	158.67 4.71 -107.39	157.78 5.20 -100.05	202.74 5.95 -136.77	295.67 2.41 -268.48	225.82 2.40 -199.10	175.45 6.35 -103.51	165.76 10.52 -44.05	129.37 1.10 -116.76	86.83 1.96 -64.89
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	131.30 -2.10 -154.82	100.94 -1.09 -113.37	102.26 1.85 -81.28	85.60 0.50 -80.07	69.66 3.10 -36.73	131.60 12.73 0.00	136.26 13.98 0.00	119.59 12.42 -2.55	99.95 10.02 -9.17	66.94 3.99 -30.00	111.08 2.56 -86.58	111.93 0.83 -103.70	111.03 6.17 -48.20	100.93 2.78 -73.88	116.12 3.21 -86.31	134.15 5.93 -81.64	136.19 6.92 -76.74	172.19 8.19 -103.98	232.70 3.40 -204.50	182.58 3.33 -154.92	154.46 8.79 -80.08	160.80 14.38 -35.22	121.21 1.42 -108.29	75.54 2.46 -53.10
KIAC_JFK_GT1 23816	138.51 -1.56 -161.49	106.08 -0.83 -118.25	105.32 1.40 -84.78	88.93 0.37 -83.52	70.48 2.34 -38.31	128.29 9.42 0.00	132.44 10.16 0.00	116.49 9.48 -2.38	131.35 7.87 -42.72	75.88 3.32 -39.60	138.44 2.23 -114.27	144.99 0.73 -136.86	125.89 5.62 -63.61	124.30 2.51 -97.51	143.17 2.68 -113.89	158.82 4.52 -107.73	157.84 4.95 -100.36	202.86 5.63 -137.20	296.36 2.23 -269.33	226.28 2.24 -199.71	175.45 6.03 -103.83	165.44 10.06 -44.18	129.62 1.10 -117.01	87.02 1.97 -65.07
KIAC_JFK_GT2 23817	138.51 -1.56 -161.49	106.08 -0.83 -118.25	105.32 1.40 -84.78	88.93 0.37 -83.52	70.48 2.34 -38.31	128.29 9.42 0.00	132.44 10.16 0.00	116.49 9.48 -2.38	131.35 7.87 -42.72	75.88 3.32 -39.60	138.44 2.23 -114.27	144.99 0.73 -136.86	125.89 5.62 -63.61	124.30 2.51 -97.51	143.17 2.68 -113.89	158.82 4.52 -107.73	157.84 4.95 -100.36	202.86 5.63 -137.20	296.36 2.23 -269.33	226.28 2.24 -199.71	175.45 6.03 -103.83	165.44 10.06 -44.18	129.62 1.10 -117.01	87.02 1.97 -65.07
KIAC_JFK____ 323774	138.50 -1.56 -161.49	106.08 -0.83 -118.25	105.32 1.41 -84.78	88.93 0.37 -83.52	70.48 2.34 -38.31	128.29 9.42 0.00	132.44 10.15 0.00	116.47 9.46 -2.38	131.36 7.88 -42.72	75.88 3.32 -39.60	138.44 2.22 -114.27	145.00 0.73 -136.86	125.89 5.61 -63.61	124.28 2.49 -97.51	143.09 2.60 -113.89	158.80 4.50 -107.73	157.70 4.80 -100.36	202.78 5.55 -137.20	296.35 2.23 -269.33	226.29 2.25 -199.71	175.36 5.94 -103.83	165.44 10.06 -44.18	129.62 1.10 -117.01	87.02 1.97 -65.07
KINTIGH____ 23543	4.67 2.19 -23.90	7.20 1.04 -17.50	29.92 -1.76 -12.55	16.94 -0.46 -12.36	33.08 -2.42 -5.67	108.82 -10.05 0.00	111.97 -10.31 0.00	95.27 -9.72 -0.36	74.70 -7.28 -1.22	31.59 -2.81 -1.45	24.73 -1.38 -4.17	12.05 -0.34 -4.98	55.71 -3.27 -2.32	26.59 -1.25 -3.56	29.37 -1.39 -4.16	48.29 -2.21 -3.93	53.97 -2.61 -4.05	62.04 -3.01 -5.02	33.38 -1.41 -10.00	31.60 -1.64 -8.92	65.35 -4.81 -4.57	105.21 -8.58 -2.58	25.81 -0.85 -15.15	22.98 -1.48 -4.48
KNTFSRNC_46_KV_46KV_LOAD 80397	-21.00 1.27 0.85	-19.99 1.05 9.70	-20.52 -1.62 38.04	1.20 -0.43 3.41	28.75 -1.00 0.08	115.97 -2.90 0.00	160.13 -4.10 -41.94	132.84 -3.70 -31.91	100.38 -3.34 -22.95	37.99 -1.45 -6.48	30.97 -1.10 -10.13	24.77 -0.34 -17.70	100.91 -2.16 -46.40	25.42 -1.08 -2.22	4.92 -1.16 20.53	64.01 -2.05 -19.48	97.08 -2.19 -46.73	98.43 -2.37 -40.76	3.10 -1.02 20.68	29.65 -0.95 -6.27	113.31 -1.99 -49.72	201.40 -3.06 -93.27	9.88 -0.48 1.15	-1.52 -0.73 20.77
LACHUTE____HYDRO 323717	195.17 -1.46 -218.05	147.52 -0.82 -159.67	134.98 1.37 -114.47	118.15 0.34 -112.77	84.25 2.69 -51.73	131.47 12.60 0.00	136.46 14.18 0.00	128.29 12.84 -10.82	111.71 10.02 -20.93	34.92 3.78 1.82	18.61 1.93 5.26	1.64 0.54 6.30	58.33 4.59 2.93	22.01 2.23 4.49	24.24 2.88 5.24	47.65 6.04 4.96	59.33 6.68 -0.12	61.21 7.51 6.32	21.34 3.14 6.60	58.26 2.97 -30.96	78.46 7.96 -4.91	134.00 12.71 -10.09	143.61 1.18 -130.92	45.32 2.01 -23.34
LAWRNCV_115KV_TB1 80681	-16.60 1.87 -2.95	-15.65 1.13 5.44	-12.70 -1.90 29.94	3.64 -0.44 0.96	29.42 -1.21 -0.80	114.78 -4.09 0.00	116.35 -5.93 0.00	94.40 -4.68 5.55	56.48 -4.76 19.51	30.76 -2.20 0.00	-69.65 -1.64 89.95	6.99 -0.42 0.00	53.98 -2.69 0.00	18.92 -1.33 4.02	0.63 -1.60 24.38	27.69 -2.72 16.17	45.57 -3.50 3.47	45.19 -3.95 10.88	-12.41 -1.70 35.50	4.18 -1.51 18.63	62.21 -3.38 0.00	106.90 -4.30 0.00	0.68 -0.68 10.15	-5.70 -1.21 24.47
LEDERLE____ 23769	132.41 -1.51 -155.34	101.63 -0.78 -113.75	102.03 1.33 -81.55	85.74 0.36 -80.34	68.97 2.28 -36.85	128.17 9.30 0.00	132.37 10.08 0.00	115.72 8.79 -2.30	67.15 7.21 20.82	73.07 3.04 -37.08	130.97 2.03 -107.00	136.22 0.67 -128.15	121.36 5.14 -59.56	117.90 2.32 -91.30	135.77 2.53 -106.64	151.91 4.46 -100.87	151.49 4.90 -94.06	194.12 5.63 -128.47	279.34 2.32 -252.22	214.01 2.31 -187.37	169.07 6.08 -97.40	162.80 10.01 -41.59	124.61 1.04 -112.06	83.24 1.84 -61.42
LIGHTHSE_115KV_TB6 355974	-8.68 0.66 -12.09	-2.90 0.34 -8.10	21.81 -0.57 -3.25	10.92 -0.12 -6.01	32.02 -0.70 -2.88	116.43 -2.44 0.00	120.26 -2.03 0.00	102.60 -1.56 0.47	77.88 -1.22 1.66	32.58 -0.37 0.00	13.00 -0.22 8.72	7.30 -0.11 0.00	55.04 -1.63 0.00	23.32 -0.61 0.34	16.52 -0.72 9.36	39.27 -1.26 6.05	50.34 -1.18 1.01	54.38 -1.31 4.34	11.39 -0.49 12.92	16.40 -0.57 7.36	64.51 -1.60 -0.51	109.17 -2.67 -0.64	15.50 -0.25 -4.24	12.14 -0.49 7.35
LINDEN COGEN____ 23786	138.54 -1.53 -161.49	106.10 -0.81 -118.25	105.31 1.39 -84.78	88.92 0.37 -83.52	70.49 2.34 -38.31	128.37 9.50 0.00	132.60 10.32 0.00	116.43 9.42 -2.38	131.26 7.79 -42.71	75.41 3.33 -39.13	138.42 2.21 -114.27	144.99 0.73 -136.86	125.89 5.61 -63.61	124.29 2.51 -97.51	143.13 2.63 -113.89	157.88 4.63 -106.68	155.24 4.94 -97.77	202.91 5.68 -137.20	296.41 2.29 -269.33	226.35 2.31 -199.71	173.20 6.03 -101.58	161.66 10.27 -40.18	129.21 1.10 -116.60	87.03 1.97 -65.07
LINDHRST_69_KV_BK1 356055	137.79 -2.31 -161.52	105.73 -1.21 -118.28	105.99 2.05 -84.79	89.11 0.54 -83.53	71.53 3.38 -38.32	132.71 13.84 0.00	174.40 15.02 -37.09	154.04 13.31 -36.11	147.22 10.78 -55.68	77.01 4.44 -39.61	139.95 2.98 -115.03	145.87 0.92 -137.55	127.51 7.21 -63.63	124.93 3.10 -97.54	144.01 3.48 -113.93	160.44 6.10 -107.77	160.02 7.08 -100.40	205.77 8.04 -137.70	297.29 3.07 -269.42	235.05 3.03 -207.70	180.07 8.88 -105.60	172.20 14.66 -46.34	130.10 1.55 -117.04	87.85 2.77 -65.10
LIPA_MISC_IPP 23656	137.69 -2.41 -161.52	105.69 -1.25 -118.28	106.06 2.12 -84.79	89.13 0.55 -83.53	71.66 3.50 -38.32	133.41 14.54 0.00	175.08 15.71 -37.09	154.51 13.77 -36.11	145.55 10.98 -53.81	75.75 4.07 -38.72	135.81 2.69 -111.17	145.47 0.82 -137.24	126.68 6.39 -63.63	124.56 2.74 -97.54	143.62 3.09 -113.93	159.78 5.44 -107.77	159.58 6.65 -100.40	205.09 7.43 -137.63	296.74 2.53 -269.42	234.52 2.49 -207.70	179.07 8.09 -105.39	169.75 13.24 -45.31	129.98 1.43 -117.04	87.69 2.61 -65.10
LISF__SOLAR 323691	137.64 -2.46 -161.52	105.66 -1.28 -118.28	106.10 2.16 -84.79	89.14 0.56 -83.53	71.72 3.56 -38.32	133.70 14.83 0.00	175.36 15.98 -37.09	154.76 14.02 -36.11	145.76 11.16 -53.84	75.81 4.12 -38.74	135.87 2.71 -111.22	145.47 0.82 -137.25	126.68 6.38 -63.63	124.56 2.74 -97.54	143.56 3.03 -113.93	159.86 5.52 -107.77	159.59 6.66 -100.40	205.18 7.53 -137.63	296.72 2.50 -269.42	234.59 2.57 -207.70	179.17 8.19 -105.39	170.06 13.54 -45.32	130.00 1.45 -117.04	87.74 2.66 -65.10

LITTLE FALLS___HYD 24013	-22.06 -0.64 0.00	-11.63 -0.29 0.00	19.59 0.45 0.00	5.14 0.10 0.00	30.68 0.84 0.00	123.31 4.44 0.00	127.57 5.28 0.00	109.61 4.58 -0.39	85.57 3.44 -1.37	34.23 1.28 0.00	20.95 0.63 1.63	7.58 0.18 0.00	57.90 1.23 0.00	25.17 0.61 -0.28	31.12 1.02 -3.49	51.06 2.20 -2.28	55.59 2.58 -0.48	64.83 3.21 -1.60	31.03 1.32 -4.91	28.42 1.23 -2.86	68.74 3.15 0.00	116.23 5.03 0.00	13.26 0.52 -1.24	24.25 0.93 -3.35
LITTLRIV_115KV_TB1 356100	-16.72 1.63 -3.07	-15.51 1.02 5.19	-11.78 -1.71 29.21	3.81 -0.39 0.85	29.75 -0.91 -0.83	116.10 -2.77 0.00	117.94 -4.34 0.00	95.85 -3.35 5.43	57.90 -3.78 19.08	31.10 -1.86 0.00	-65.36 -1.44 85.85	7.05 -0.35 0.00	54.39 -2.27 0.00	19.19 -1.15 3.94	0.42 -1.39 24.80	27.95 -2.21 16.42	46.22 -2.80 3.52	45.86 -3.08 11.09	-12.57 -1.35 36.02	4.10 -1.17 19.06	63.14 -2.44 0.00	108.37 -2.83 0.00	0.76 -0.54 10.21	-5.81 -0.99 24.80
LI_NEWBRDGE___DRP 323616	138.25 -1.85 -161.52	105.98 -0.96 -118.28	105.59 1.65 -84.79	89.01 0.44 -83.53	70.91 2.76 -38.32	130.16 11.29 0.00	171.53 12.16 -37.09	151.53 10.78 -36.11	141.84 8.90 -52.18	74.71 3.82 -37.94	132.35 2.57 -107.84	145.16 0.78 -136.98	126.55 6.25 -63.63	124.51 2.69 -97.54	143.51 2.98 -113.93	159.51 5.16 -107.77	158.82 5.89 -100.40	204.28 6.68 -137.58	296.82 2.61 -269.42	234.61 2.59 -207.70	178.18 7.39 -105.21	167.86 12.25 -44.41	129.84 1.30 -117.04	87.39 2.32 -65.10
LOCKPORT_115KV_TB60_63_64 80432	7.27 2.62 -26.07	8.99 1.24 -19.09	30.73 -2.10 -13.68	17.97 -0.55 -13.48	33.18 -2.84 -6.18	107.10 -11.77 0.00	110.33 -11.96 0.00	93.72 -11.31 -0.40	73.54 -8.56 -1.34	31.22 -3.32 -1.59	24.88 -1.64 -4.58	12.49 -0.41 -5.49	55.38 -3.84 -2.55	26.69 -1.50 -3.90	29.51 -1.65 -4.56	48.28 -2.61 -4.32	53.98 -2.98 -4.42	62.16 -3.35 -5.48	34.11 -1.60 -10.91	32.20 -1.86 -9.74	65.09 -5.49 -4.99	104.19 -9.82 -2.81	26.98 -1.01 -16.48	23.11 -1.75 -4.88
LOCKPORT___CC1 323769	7.53 2.68 -26.27	9.17 1.27 -19.24	30.78 -2.15 -13.79	18.06 -0.57 -13.58	33.14 -2.93 -6.23	106.71 -12.16 0.00	109.93 -12.36 0.00	93.39 -11.64 -0.40	73.30 -8.81 -1.35	31.13 -3.42 -1.60	24.89 -1.67 -4.61	12.52 -0.42 -5.54	55.24 -4.00 -2.57	26.73 -1.49 -3.94	29.65 -1.55 -4.59	48.24 -2.69 -4.36	54.20 -2.79 -4.46	60.81 -3.51 -4.29	34.12 -1.68 -11.00	32.16 -1.97 -9.81	65.10 -5.51 -5.03	103.83 -10.21 -2.84	27.07 -1.04 -16.60	23.09 -1.80 -4.92
LOCKPORT___CC2 323770	7.53 2.68 -26.27	9.17 1.27 -19.24	30.78 -2.15 -13.79	18.06 -0.57 -13.58	33.14 -2.93 -6.23	106.71 -12.16 0.00	109.93 -12.36 0.00	93.39 -11.64 -0.40	73.30 -8.81 -1.35	31.13 -3.42 -1.60	24.89 -1.67 -4.61	12.52 -0.42 -5.54	55.24 -4.00 -2.57	26.73 -1.49 -3.94	29.65 -1.55 -4.59	48.24 -2.69 -4.36	54.20 -2.79 -4.46	60.81 -3.51 -4.29	34.12 -1.68 -11.00	32.16 -1.97 -9.81	65.10 -5.51 -5.03	103.83 -10.21 -2.84	27.07 -1.04 -16.60	23.09 -1.80 -4.92
LOCKPORT___CC3 323771	7.53 2.68 -26.27	9.17 1.27 -19.24	30.78 -2.15 -13.79	18.06 -0.57 -13.58	33.14 -2.93 -6.23	106.71 -12.16 0.00	109.93 -12.36 0.00	93.39 -11.64 -0.40	73.30 -8.81 -1.35	31.13 -3.42 -1.60	24.89 -1.67 -4.61	12.52 -0.42 -5.54	55.24 -4.00 -2.57	26.73 -1.49 -3.94	29.65 -1.55 -4.59	48.24 -2.69 -4.36	54.20 -2.79 -4.46	60.81 -3.51 -4.29	34.12 -1.68 -11.00	32.16 -1.97 -9.81	65.10 -5.51 -5.03	103.83 -10.21 -2.84	27.07 -1.04 -16.60	23.09 -1.80 -4.92
LONG_LAKE_PHOENIX 24014	-7.53 0.67 -13.23	-1.54 0.33 -9.46	24.59 -0.57 -6.02	11.65 -0.15 -6.77	32.12 -0.86 -3.14	115.32 -3.55 0.00	118.81 -3.48 0.00	101.59 -3.05 0.00	78.57 -2.19 0.00	32.21 -0.75 0.00	18.85 -0.42 2.68	7.26 -0.14 0.00	54.88 -1.79 0.00	23.63 -0.65 0.00	24.21 -0.73 1.66	44.14 -1.38 1.06	51.04 -1.56 -0.06	57.52 -1.73 0.78	21.91 -0.63 2.25	22.85 -0.67 0.80	64.20 -1.95 -0.57	108.52 -3.38 -0.71	18.75 -0.24 -7.48	19.58 -0.42 -0.02
LOVETT___3 23632	133.11 -1.40 -155.93	102.12 -0.72 -114.18	102.24 1.24 -81.86	86.01 0.33 -80.64	68.95 2.13 -36.99	127.55 8.68 0.00	131.66 9.37 0.00	115.08 8.15 -2.30	65.26 6.68 22.18	73.10 2.82 -37.32	131.52 1.88 -107.70	137.02 0.62 -128.99	121.38 4.77 -59.95	118.34 2.16 -91.90	136.30 2.35 -107.34	152.25 4.13 -101.53	151.73 4.52 -94.67	194.55 5.20 -129.31	280.81 2.14 -253.88	215.03 2.14 -188.57	169.23 5.62 -98.02	162.28 9.24 -41.84	125.01 0.97 -112.54	83.48 1.73 -61.77
LOVETT___4 23642	133.11 -1.40 -155.93	102.12 -0.72 -114.18	102.24 1.24 -81.86	86.01 0.33 -80.64	68.95 2.13 -36.99	127.55 8.68 0.00	131.66 9.37 0.00	115.08 8.15 -2.30	65.26 6.68 22.18	73.10 2.82 -37.32	131.52 1.88 -107.70	137.02 0.62 -128.99	121.38 4.77 -59.95	118.34 2.16 -91.90	136.30 2.35 -107.34	152.25 4.13 -101.53	151.73 4.52 -94.67	194.55 5.20 -129.31	280.81 2.14 -253.88	215.03 2.14 -188.57	169.23 5.62 -98.02	162.28 9.24 -41.84	125.01 0.97 -112.54	83.48 1.73 -61.77
LOVETT___5 23593	133.11 -1.40 -155.93	102.12 -0.72 -114.18	102.24 1.24 -81.86	86.01 0.33 -80.64	68.95 2.13 -36.99	127.55 8.68 0.00	131.66 9.37 0.00	115.08 8.15 -2.30	65.26 6.68 22.18	73.10 2.82 -37.32	131.52 1.88 -107.70	137.02 0.62 -128.99	121.38 4.77 -59.95	118.34 2.16 -91.90	136.30 2.35 -107.34	152.25 4.13 -101.53	151.73 4.52 -94.67	194.55 5.20 -129.31	280.81 2.14 -253.88	215.03 2.14 -188.57	169.23 5.62 -98.02	162.28 9.24 -41.84	125.01 0.97 -112.54	83.48 1.73 -61.77
LOWER RAQUET___HYD 24057	-16.28 1.95 -3.19	-15.11 1.19 4.95	-11.37 -1.99 28.52	3.84 -0.46 0.74	29.31 -1.38 -0.85	114.17 -4.69 0.00	115.85 -6.43 0.00	94.19 -5.12 5.32	57.01 -5.07 18.68	30.63 -2.33 0.00	-61.81 -1.74 82.01	6.95 -0.46 0.00	53.62 -3.04 0.00	18.93 -1.49 3.85	-0.37 -1.78 25.19	26.92 -2.99 16.67	45.21 -3.75 3.57	44.56 -4.18 11.29	-13.51 -1.81 36.50	3.25 -1.62 19.46	61.89 -3.70 0.00	106.28 -4.92 0.00	0.51 -0.74 10.26	-6.47 -1.33 25.12
LOWER___HUDSON 24059	191.69 -0.82 -213.94	144.88 -0.44 -156.66	132.19 0.73 -112.31	115.86 0.18 -110.64	81.99 1.40 -50.75	124.97 6.10 0.00	128.64 6.35 0.00	119.56 5.63 -9.30	103.77 4.49 -18.52	34.80 1.85 0.00	23.08 1.14 0.00	7.73 0.33 0.00	59.24 2.57 0.00	25.51 1.24 0.00	28.12 1.51 0.00	49.39 2.82 0.00	60.18 3.15 -4.50	63.62 3.59 0.00	31.22 1.49 -4.94	61.05 1.48 -35.25	78.69 3.91 -9.20	128.97 6.27 -11.50	141.48 0.64 -129.33	46.11 1.15 -24.98
LOWVILLE_115KV_TB2 356335	-14.42 0.68 -6.32	-8.33 0.39 -2.63	13.53 -0.63 4.98	7.62 -0.04 -2.61	31.15 -0.21 -1.53	118.97 0.10 0.00	123.52 1.24 0.00	104.94 1.58 1.27	77.14 0.85 4.48	33.19 0.24 0.00	-1.32 0.07 23.33	7.36 -0.04 0.00	55.74 -0.92 0.00	22.90 -0.45 0.92	69.81 -0.55 -43.76	73.90 -0.58 -27.91	58.10 -0.28 -5.85	80.12 -0.52 -20.61	83.45 -0.16 -58.81	63.14 -0.27 -39.08	64.77 -1.08 -0.26	109.45 -2.07 -0.32	26.95 -0.30 -15.75	59.65 -0.51 -40.18
LUTHERFT_115KV_GLOB_FND_222 355753	195.24 -1.02 -217.69	147.52 -0.55 -159.41	134.34 0.92 -114.28	117.86 0.24 -112.58	83.15 1.67 -51.64	126.14 7.27 0.00	130.16 7.87 0.00	122.32 6.99 -10.70	106.92 5.43 -20.73	33.41 2.17 1.71	18.31 1.31 4.94	1.87 0.38 5.92	56.95 3.04 2.75	21.50 1.44 4.22	23.48 1.80 4.93	45.29 3.37 4.66	56.76 3.85 -0.38	58.52 4.43 5.94	20.72 1.84 5.91	57.25 1.78 -31.15	75.43 4.67 -5.17	128.83 7.46 -10.17	143.00 0.74 -130.76	44.70 1.30 -23.42

LUTHERNY_35_KV_BK2 355980	195.22 -1.04 -217.69	147.51 -0.55 -159.41	134.35 0.93 -114.28	117.86 0.24 -112.58	83.17 1.70 -51.64	126.23 7.37 0.00	130.28 7.99 0.00	122.39 7.05 -10.70	106.96 5.47 -20.73	33.41 2.17 1.71	18.30 1.30 4.94	1.86 0.38 5.92	56.96 3.05 2.75	21.50 1.44 4.22	23.49 1.81 4.93	45.33 3.42 4.66	56.81 3.90 -0.38	58.60 4.50 5.94	20.75 1.87 5.91	57.28 1.81 -31.15	75.51 4.75 -5.17	128.94 7.57 -10.17	143.01 0.75 -130.76	44.71 1.31 -23.42
LWR___OSWEGATCHIE_HYD 23850	-14.91 1.52 -4.98	-11.71 0.89 1.26	-0.10 -1.49 17.75	5.71 -0.30 -0.97	30.01 -1.07 -1.25	115.55 -3.32 0.00	118.76 -3.52 0.00	98.56 -2.56 3.52	65.67 -2.74 12.35	31.67 -1.28 0.00	-34.69 -1.00 55.64	7.09 -0.31 0.00	54.09 -2.57 0.00	20.52 -1.21 2.55	-6.21 -1.44 31.38	23.86 -2.27 20.45	45.87 -2.46 4.21	42.83 -2.84 14.36	-20.50 -1.18 44.12	-2.32 -1.15 25.50	62.86 -2.92 -0.19	107.01 -4.42 -0.24	2.48 -0.62 8.40	-10.66 -1.10 29.55
LYONS_FALL_HYD 23570	-15.27 0.19 -5.96	-8.13 0.12 -3.08	16.76 -0.20 2.18	7.74 0.04 -2.66	31.48 0.22 -1.43	120.51 1.65 0.00	124.94 2.66 0.00	106.61 2.67 0.70	80.22 1.91 2.45	33.69 0.74 0.00	6.97 0.46 15.42	7.51 0.11 0.00	57.06 0.40 0.00	23.93 0.17 0.51	25.04 0.16 1.73	45.94 0.54 1.17	53.23 0.83 0.14	60.10 0.81 0.74	22.53 0.38 2.64	23.71 0.28 0.89	66.29 0.45 -0.25	111.99 0.49 -0.31	14.07 -0.02 -2.58	18.78 -0.02 1.18
MADISON___COUNTY_LFGE 323628	-11.43 -0.46 -10.45	-4.27 -0.26 -7.32	23.70 0.44 -4.12	10.46 0.13 -5.29	33.21 0.89 -2.48	122.89 4.02 0.00	127.11 4.82 0.00	108.94 4.31 0.00	84.36 3.60 0.00	34.46 1.51 0.00	18.35 1.03 4.62	7.73 0.33 0.00	58.90 2.24 0.00	25.33 1.06 0.00	32.84 1.20 -5.03	52.04 2.24 -3.22	55.90 2.48 -0.88	65.04 2.67 -2.34	32.73 1.14 -6.80	30.22 1.01 -4.88	68.50 2.47 -0.44	115.44 3.69 -0.55	19.58 0.37 -7.70	26.39 0.63 -5.78
MALONE___115KV_TB1 356076	-17.76 1.42 -2.25	-17.18 1.04 6.88	-16.66 -1.65 34.14	3.00 -0.42 1.63	29.57 -0.91 -0.65	116.25 -2.62 0.00	122.51 -3.67 -3.89	98.93 -3.02 2.68	60.26 -2.82 17.69	32.28 -1.28 -0.60	-5.24 -0.96 26.22	8.78 -0.26 -1.64	59.39 -1.57 -4.30	19.49 -0.90 3.88	3.61 -1.04 21.96	33.22 -1.75 11.60	52.07 -1.89 -1.43	52.86 -2.09 5.07	-7.73 -0.94 31.59	9.24 -0.85 14.24	68.41 -1.79 -4.61	117.41 -2.44 -8.65	2.02 -0.45 9.04	-3.27 -0.77 22.48
MAPLEWOD_115KV_TB3 80458	190.72 -0.87 -213.00	144.18 -0.46 -155.98	131.75 0.78 -111.82	115.40 0.20 -110.16	81.80 1.43 -50.53	125.00 6.13 0.00	128.62 6.33 0.00	118.04 5.59 -7.81	100.12 4.48 -14.88	32.87 1.88 1.98	17.48 1.24 5.70	0.95 0.37 6.82	56.31 2.82 3.17	20.73 1.32 4.86	22.43 1.50 5.68	43.99 2.78 5.37	55.29 3.11 0.36	56.71 3.52 6.84	17.04 1.46 9.22	47.78 1.45 -22.01	73.65 3.73 -4.33	126.87 5.99 -9.68	139.96 0.65 -127.80	43.71 1.15 -22.57
MAPLE_RIDGE_WT_1 323574	-21.54 0.84 0.96	-21.75 0.53 10.94	-24.70 -0.90 42.94	0.97 -0.22 3.85	29.18 -0.56 0.09	117.09 -1.77 0.00	119.97 -2.32 0.00	93.42 -1.68 9.53	49.28 -1.53 29.96	32.16 -0.80 0.00	15.93 -0.58 5.43	7.19 -0.21 0.00	55.00 -1.67 0.00	12.44 -0.79 11.04	-11.89 -0.87 37.62	19.53 -1.45 25.61	45.16 -1.71 5.66	41.94 -1.90 16.19	-33.73 -0.72 57.81	-2.10 -0.78 25.64	63.29 -2.30 0.00	107.39 -3.81 0.00	-8.23 -0.41 19.33	-21.20 -0.71 40.47
MAPLE_RIDGE_WT_2 323611	-21.54 0.84 0.96	-21.75 0.53 10.94	-24.70 -0.90 42.94	0.97 -0.22 3.85	29.18 -0.56 0.09	117.09 -1.77 0.00	119.97 -2.32 0.00	93.42 -1.68 9.53	49.28 -1.53 29.96	32.16 -0.80 0.00	15.93 -0.58 5.43	7.19 -0.21 0.00	55.00 -1.67 0.00	12.44 -0.79 11.04	-11.89 -0.87 37.62	19.53 -1.45 25.61	45.16 -1.71 5.66	41.94 -1.90 16.19	-33.73 -0.72 57.81	-2.10 -0.78 25.64	63.29 -2.30 0.00	107.39 -3.81 0.00	-8.23 -0.41 19.33	-21.20 -0.71 40.47
MARBLE_RIVER_WT_PWR 323696	-20.61 1.67 0.86	-19.85 1.24 9.74	-21.00 -1.91 38.23	1.09 -0.52 3.43	28.28 -1.47 0.08	114.01 -4.86 0.00	59.56 -5.97 56.76	40.42 -5.18 59.03	-10.17 -4.44 86.49	22.21 -1.96 8.78	0.78 -1.41 19.74	-17.04 -0.43 24.01	-9.14 -2.87 62.93	8.41 -1.43 14.43	4.60 -1.60 20.41	-15.11 -2.80 58.88	-21.00 -3.08 70.46	-19.75 -3.42 76.35	-21.00 -1.50 44.29	-20.15 -1.37 43.11	-5.01 -3.18 67.41	-20.21 -4.93 126.47	-10.27 -0.66 21.12	-3.26 -1.09 22.14
MARSHVLE_115KV_TB1 80742	221.14 -1.02 -243.59	166.54 -0.49 -178.37	147.86 0.84 -127.88	131.23 0.22 -125.97	89.00 1.38 -57.79	124.47 5.60 0.00	128.43 6.15 0.00	120.21 5.66 -9.91	104.25 4.18 -19.31	33.28 1.57 1.24	19.28 0.93 3.59	3.42 0.31 4.30	57.09 2.43 2.00	22.22 1.01 3.07	24.36 1.33 3.58	45.77 2.58 3.39	57.74 3.13 -2.07	59.36 3.64 4.32	23.13 1.50 3.16	58.25 1.41 -32.51	76.58 3.56 -7.43	129.31 6.13 -11.98	158.73 0.58 -146.64	47.98 1.01 -26.99
MARSH_HILL_WT_PWR 323713	16.66 1.84 -36.24	16.14 0.94 -26.54	36.62 -1.55 -19.03	23.37 -0.41 -18.74	36.11 -2.32 -8.60	108.98 -9.89 0.00	112.64 -9.64 0.00	96.69 -8.52 -0.57	76.88 -5.79 -1.91	32.99 -2.20 -2.24	27.30 -1.09 -6.45	14.79 -0.35 -7.74	56.38 -3.88 -3.60	28.39 -1.39 -5.51	31.52 -1.52 -6.43	50.66 -2.01 -6.09	56.92 -1.85 -6.23	66.03 -1.74 -7.74	39.56 -0.65 -15.42	37.14 -0.93 -13.75	69.41 -3.20 -7.02	108.02 -7.12 -3.95	33.77 -0.71 -22.97	25.57 -1.24 -6.83
MCINTYRE_115KV_TB2 80467	-17.19 1.35 -2.89	-16.03 0.88 5.57	-12.66 -1.49 30.31	3.69 -0.33 1.02	30.13 -0.49 -0.79	117.85 -1.02 0.00	119.78 -2.51 0.00	97.20 -1.81 5.62	58.41 -2.62 19.73	31.51 -1.44 0.00	-71.28 -1.18 92.04	7.14 -0.26 0.00	55.09 -1.58 0.00	19.34 -0.87 4.07	1.41 -1.03 24.16	29.01 -1.53 16.04	47.12 -1.97 3.45	47.18 -2.07 10.78	-11.39 -0.94 35.24	5.14 -0.76 18.42	64.26 -1.33 0.00	110.19 -1.01 0.00	1.03 -0.36 10.12	-5.01 -0.69 24.30
MECO_____69_KV_BK1 80468	211.83 -1.43 -234.68	159.79 -0.72 -171.85	143.56 1.22 -123.20	126.73 0.32 -121.37	87.55 2.04 -55.68	127.42 8.55 0.00	131.86 9.58 0.00	123.88 8.67 -10.58	107.55 6.33 -20.46	33.53 2.33 1.76	18.14 1.28 5.08	1.72 0.40 6.09	57.06 3.23 2.83	21.29 1.35 4.34	23.43 1.89 5.07	45.59 3.81 4.79	57.91 4.76 -0.62	59.56 5.64 6.11	20.81 2.33 6.31	57.96 2.21 -31.42	77.04 5.66 -5.78	131.47 9.23 -11.04	153.39 0.88 -141.01	46.85 1.52 -25.35
MENANDS___115KV_TB5 355628	190.31 -0.78 -212.52	143.87 -0.42 -155.62	131.42 0.71 -111.57	115.13 0.19 -109.91	81.59 1.34 -50.42	124.60 5.73 0.00	128.12 5.84 0.00	117.19 5.10 -7.46	98.99 4.11 -14.12	32.57 1.76 2.15	16.90 1.16 6.20	0.33 0.35 7.42	55.86 2.65 3.45	20.22 1.23 5.28	21.79 1.36 6.17	43.22 2.49 5.84	54.52 2.77 0.79	55.71 3.12 7.44	15.51 1.28 10.57	45.84 1.27 -20.25	72.75 3.27 -3.88	125.98 5.28 -9.50	139.53 0.60 -127.42	43.37 1.08 -22.31
MG INDUSTRY___DRP 24185	184.85 -0.71 -206.98	139.84 -0.39 -151.57	128.45 0.65 -108.66	112.25 0.17 -107.04	80.14 1.20 -49.11	124.03 5.17 0.00	127.57 5.29 0.00	114.04 4.45 -4.96	93.50 3.50 -9.24	32.61 1.49 1.84	17.60 0.97 5.30	1.32 0.26 6.35	55.81 2.10 2.95	20.68 0.93 4.53	22.35 1.03 5.28	43.63 2.05 5.00	54.78 2.40 0.15	56.39 2.72 6.37	16.06 1.07 9.81	40.15 1.05 -14.78	72.72 2.73 -4.40	125.05 4.37 -9.48	136.26 0.52 -124.22	42.94 0.94 -22.03

MID___OSWEGATCHIE_HYD 23849	-14.91 1.52 -4.98	-11.71 0.89 1.26	-0.10 -1.49 17.75	5.71 -0.30 -0.97	30.01 -1.07 -1.25	115.55 -3.32 0.00	118.76 -3.52 0.00	98.56 -2.56 3.52	65.67 -2.74 12.35	31.67 -1.28 0.00	-34.69 -1.00 55.64	7.09 -0.31 0.00	54.09 -2.57 0.00	20.52 -1.21 2.55	-6.21 -1.44 31.38	23.86 -2.27 20.45	45.87 -2.46 4.21	42.83 -2.84 14.36	-20.50 -1.18 44.12	-2.32 -1.15 25.50	62.86 -2.92 -0.19	107.01 -4.42 -0.24	2.48 -0.62 8.40	-10.66 -1.10 29.55
MID___RAQUETTE_HYD 23851	-16.28 1.96 -3.19	-15.11 1.19 4.95	-11.37 -1.99 28.52	3.84 -0.46 0.74	29.31 -1.38 -0.85	114.18 -4.69 0.00	115.86 -6.43 0.00	94.20 -5.12 5.32	57.00 -5.08 18.68	30.63 -2.33 0.00	-61.81 -1.74 82.01	6.95 -0.46 0.00	53.63 -3.04 0.00	18.94 -1.48 3.85	-0.36 -1.77 25.19	26.94 -2.98 16.67	45.23 -3.74 3.57	44.53 -4.21 11.29	-13.52 -1.81 36.50	3.25 -1.62 19.46	61.90 -3.69 0.00	106.27 -4.93 0.00	0.51 -0.74 10.26	-6.47 -1.33 25.12
MILLIKEN___1 23584	13.85 -0.21 -35.48	14.51 -0.13 -25.98	37.97 0.21 -18.62	23.44 0.05 -18.35	38.74 0.49 -8.42	120.88 2.01 0.00	124.91 2.63 0.00	107.59 2.37 -0.59	84.89 2.19 -1.94	36.10 0.96 -2.19	27.51 0.69 -4.88	15.20 0.23 -7.57	61.62 1.44 -3.52	30.41 0.75 -5.39	33.76 0.86 -6.30	54.22 1.69 -5.96	60.52 1.88 -6.10	69.83 2.23 -7.58	40.93 1.01 -15.12	38.68 0.80 -13.56	74.27 1.81 -6.88	117.43 2.37 -3.87	34.28 0.29 -22.49	27.16 0.49 -6.69
MILLIKEN___2 23585	13.85 -0.21 -35.48	14.51 -0.13 -25.98	37.97 0.21 -18.62	23.44 0.05 -18.35	38.74 0.49 -8.42	120.88 2.01 0.00	124.91 2.63 0.00	107.59 2.37 -0.59	84.89 2.19 -1.94	36.10 0.96 -2.19	27.51 0.69 -4.88	15.20 0.23 -7.57	61.62 1.44 -3.52	30.41 0.75 -5.39	33.76 0.86 -6.30	54.22 1.69 -5.96	60.52 1.88 -6.10	69.83 2.23 -7.58	40.93 1.01 -15.12	38.68 0.80 -13.56	74.27 1.81 -6.88	117.43 2.37 -3.87	34.28 0.29 -22.49	27.16 0.49 -6.69
MILLIKEN___DIESEL 23629	13.85 -0.21 -35.48	14.51 -0.13 -25.98	37.97 0.21 -18.62	23.44 0.05 -18.35	38.74 0.49 -8.42	120.88 2.01 0.00	124.91 2.63 0.00	107.59 2.37 -0.59	84.89 2.19 -1.94	36.10 0.96 -2.19	27.51 0.69 -4.88	15.20 0.23 -7.57	61.62 1.44 -3.52	30.41 0.75 -5.39	33.76 0.86 -6.30	54.22 1.69 -5.96	60.52 1.88 -6.10	69.83 2.23 -7.58	40.93 1.01 -15.12	38.68 0.80 -13.56	74.27 1.81 -6.88	117.43 2.37 -3.87	34.28 0.29 -22.49	27.16 0.49 -6.69
MILLSEAT___LFGE 323607	5.71 1.94 -25.19	8.00 0.90 -18.45	30.84 -1.53 -13.23	17.67 -0.40 -13.03	33.83 -1.98 -5.98	110.75 -8.12 0.00	114.48 -7.81 0.00	97.48 -7.53 -0.38	76.45 -5.60 -1.29	32.36 -2.13 -1.53	25.50 -0.85 -4.41	12.53 -0.17 -5.29	57.03 -2.09 -2.46	27.35 -0.70 -3.77	30.36 -0.64 -4.39	49.63 -1.11 -4.17	55.89 -0.92 -4.27	62.98 -1.22 -4.17	34.61 -0.72 -10.53	32.68 -1.04 -9.40	67.37 -3.03 -4.82	107.81 -6.10 -2.72	26.79 -0.64 -15.93	23.56 -1.13 -4.71
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	137.64 -1.51 -160.57	105.46 -0.78 -117.58	104.78 1.35 -84.30	88.44 0.36 -83.04	70.22 2.29 -38.09	128.26 9.39 0.00	132.41 10.12 0.00	115.98 8.98 -2.37	133.62 7.40 -45.46	75.31 3.13 -39.23	137.23 2.09 -113.20	143.67 0.68 -135.58	124.94 5.26 -63.02	123.25 2.37 -96.60	142.03 2.60 -112.82	157.84 4.55 -106.72	157.01 5.04 -99.44	201.72 5.77 -135.92	293.95 2.34 -266.81	224.55 2.32 -197.90	174.66 6.18 -102.89	165.19 10.20 -43.80	128.85 1.06 -116.28	86.42 1.90 -64.54
MILLWOOD_13_KV_LOAD 356217	137.60 -1.55 -160.57	105.43 -0.81 -117.58	104.81 1.38 -84.30	88.45 0.37 -83.04	70.27 2.34 -38.09	128.48 9.61 0.00	132.63 10.34 0.00	116.19 9.19 -2.37	133.78 7.57 -45.46	75.38 3.19 -39.23	137.26 2.12 -113.20	143.68 0.70 -135.58	125.04 5.36 -63.02	123.29 2.42 -96.60	142.08 2.65 -112.82	157.94 4.64 -106.72	157.12 5.15 -99.44	201.84 5.90 -135.92	294.00 2.39 -266.81	224.60 2.38 -197.90	174.79 6.32 -102.89	165.41 10.41 -43.80	128.87 1.08 -116.28	86.45 1.93 -64.54
MODEL_CITY_ENERGY 24167	8.00 2.85 -26.57	9.47 1.35 -19.46	30.79 -2.29 -13.95	18.18 -0.60 -13.74	33.01 -3.13 -6.30	105.95 -12.92 0.00	109.02 -13.27 0.00	92.59 -12.44 -0.40	72.62 -9.51 -1.37	30.86 -3.71 -1.62	24.75 -1.86 -4.67	12.52 -0.48 -5.60	54.85 -4.42 -2.60	26.57 -1.69 -3.98	29.48 -1.77 -4.65	47.89 -3.09 -4.41	53.78 -3.27 -4.51	60.25 -4.05 -4.27	34.02 -1.91 -11.13	32.06 -2.19 -9.93	64.61 -6.07 -5.08	102.95 -11.11 -2.87	27.16 -1.13 -16.79	23.00 -1.95 -4.97
MODERN_LFGE___ 323580	8.00 2.85 -26.57	9.47 1.35 -19.46	30.79 -2.29 -13.95	18.18 -0.60 -13.74	33.01 -3.13 -6.30	105.95 -12.92 0.00	109.02 -13.27 0.00	92.59 -12.44 -0.40	72.62 -9.51 -1.37	30.86 -3.71 -1.62	24.75 -1.86 -4.67	12.52 -0.48 -5.60	54.85 -4.42 -2.60	26.57 -1.69 -3.98	29.48 -1.77 -4.65	47.89 -3.09 -4.41	53.78 -3.27 -4.51	60.25 -4.05 -4.27	34.02 -1.91 -11.13	32.06 -2.19 -9.93	64.61 -6.07 -5.08	102.95 -11.11 -2.87	27.16 -1.13 -16.79	23.00 -1.95 -4.97
MOHAWK_PAPER___DRP 24187	190.72 -0.87 -213.00	144.18 -0.46 -155.98	131.75 0.78 -111.82	115.40 0.20 -110.16	81.80 1.43 -50.53	125.00 6.13 0.00	128.62 6.33 0.00	118.04 5.59 -7.81	100.12 4.48 -14.88	32.87 1.88 1.98	17.48 1.24 5.70	0.95 0.37 6.82	56.31 2.82 3.17	20.73 1.32 4.86	22.43 1.50 5.68	43.99 2.78 5.37	55.29 3.11 0.36	56.71 3.52 6.84	17.04 1.46 9.22	47.78 1.45 -22.01	73.65 3.73 -4.33	126.87 5.99 -9.68	139.96 0.65 -127.80	43.71 1.15 -22.57
MOHICAN___35_KV_115KV_LD 80490	195.45 -1.03 -217.90	147.67 -0.55 -159.56	134.46 0.93 -114.39	117.97 0.24 -112.69	83.29 1.76 -51.69	126.85 7.98 0.00	131.14 8.85 0.00	123.42 8.01 -10.77	107.85 6.24 -20.84	33.62 2.44 1.78	18.16 1.35 5.13	1.64 0.38 6.14	56.85 3.05 2.86	21.37 1.47 4.38	23.42 1.93 5.11	45.51 3.77 4.83	57.03 4.27 -0.23	58.80 4.93 6.16	20.54 2.06 6.31	57.33 1.97 -31.04	75.78 5.18 -5.02	129.48 8.16 -10.12	143.13 0.77 -130.86	44.69 1.34 -23.37
MONGAUP___HYD 23641	124.71 -1.34 -147.47	95.95 -0.69 -107.99	97.73 1.17 -77.42	81.62 0.32 -76.26	66.86 2.04 -34.99	127.08 8.21 0.00	129.49 7.21 0.00	113.24 6.43 -2.18	77.95 5.24 8.05	68.91 2.09 -33.87	121.22 1.54 -97.74	125.02 0.56 -117.06	115.23 4.15 -54.41	109.61 1.93 -83.40	126.16 2.14 -97.41	142.63 3.91 -92.14	142.46 3.88 -86.04	182.21 4.83 -117.36	257.29 2.04 -230.45	198.07 2.08 -171.67	160.68 5.87 -89.22	159.92 10.43 -38.29	118.29 1.05 -105.73	78.57 1.84 -56.75
MONTAUK___DIESEL 23721	137.84 -2.26 -161.52	105.76 -1.18 -118.28	105.95 2.01 -84.79	89.09 0.52 -83.53	71.46 3.30 -38.32	132.88 14.01 0.00	174.89 15.51 -37.09	154.47 13.73 -36.11	145.39 10.81 -53.82	75.47 3.79 -38.73	135.52 2.39 -111.19	145.34 0.69 -137.24	125.61 5.31 -63.63	124.10 2.28 -97.54	143.15 2.62 -113.93	159.11 4.76 -107.77	159.15 6.22 -100.40	204.52 6.87 -137.63	296.15 1.93 -269.42	233.95 1.92 -207.70	178.14 7.16 -105.39	168.85 12.34 -45.32	129.85 1.30 -117.04	87.46 2.38 -65.10
MOONROAD_115KV_HARTFLD_TB1-2 355988	10.72 1.84 -30.30	11.62 0.78 -22.19	33.81 -1.24 -15.90	20.34 -0.37 -15.67	35.38 -1.64 -7.19	111.64 -7.23 0.00	114.92 -7.37 0.00	98.00 -7.10 -0.47	77.66 -4.68 -1.58	33.19 -1.62 -1.85	26.70 -0.59 -5.36	13.76 -0.08 -6.43	58.13 -1.53 -2.99	28.46 -0.40 -4.58	31.50 -0.45 -5.34	51.37 -0.27 -5.06	57.23 -0.48 -5.17	65.80 -0.64 -6.42	37.07 -0.51 -12.78	34.82 -0.91 -11.40	68.70 -2.72 -5.83	109.56 -4.92 -3.28	30.20 -0.47 -19.17	24.84 -0.83 -5.69

MORRIS_RIDGE___SOLAR 323848	15.15 1.65 -34.92	15.02 0.79 -25.57	36.13 -1.34 -18.33	22.73 -0.37 -18.06	36.13 -1.99 -8.28	110.10 -8.77 0.00	113.67 -8.62 0.00	97.31 -7.87 -0.55	77.11 -5.49 -1.84	33.10 -2.01 -2.15	27.15 -1.00 -6.21	14.53 -0.32 -7.45	57.00 -3.13 -3.46	28.44 -1.13 -5.30	31.57 -1.22 -6.19	50.89 -1.55 -5.86	57.09 -1.45 -5.99	65.77 -1.70 -7.44	38.88 -0.74 -14.83	36.52 -1.03 -13.23	69.14 -3.21 -6.75	108.33 -6.67 -3.80	32.99 -0.63 -22.12	25.46 -1.10 -6.58
MORTIMER_115KV_TB3 55949	1.44 1.28 -21.58	5.06 0.60 -15.80	29.45 -1.01 -11.33	15.93 -0.27 -11.16	33.60 -1.35 -5.12	113.37 -5.50 0.00	117.00 -5.29 0.00	99.96 -4.99 -0.32	78.25 -3.60 -1.09	32.94 -1.32 -1.30	25.15 -0.54 -3.75	11.79 -0.09 -4.48	57.38 -1.37 -2.09	27.04 -0.43 -3.20	29.84 -0.50 -3.74	49.40 -0.71 -3.53	55.35 -0.82 -3.63	63.66 -0.87 -4.50	33.29 -0.47 -8.96	31.65 -0.67 -8.00	67.50 -2.19 -4.10	109.27 -4.24 -2.32	24.75 -0.42 -13.66	23.26 -0.74 -4.03
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	138.35 -1.73 -161.51	106.02 -0.91 -118.27	105.48 1.55 -84.79	88.98 0.41 -83.52	70.75 2.60 -38.32	129.47 10.60 0.00	133.75 11.46 0.00	117.37 10.35 -2.38	131.94 8.56 -42.62	76.18 3.62 -39.61	138.66 2.42 -114.29	145.09 0.80 -136.89	126.40 6.11 -63.62	124.55 2.74 -97.53	143.50 2.98 -113.91	159.48 5.16 -107.75	158.62 5.70 -100.38	203.74 6.48 -137.23	296.74 2.57 -269.38	226.60 2.52 -199.75	176.12 6.68 -103.85	166.55 11.16 -44.18	129.72 1.18 -117.03	87.16 2.10 -65.09
MUNSVILLE_WIND_PWR 323609	31.34 -0.67 -53.44	27.43 -0.36 -39.13	47.80 0.60 -28.05	32.86 0.19 -27.64	43.90 1.39 -12.68	124.52 5.65 0.00	129.71 7.42 0.00	112.93 7.15 -1.15	89.85 5.63 -3.46	38.29 1.98 -3.35	32.90 1.29 -9.68	19.35 0.35 -11.59	65.25 3.19 -5.39	33.93 1.40 -8.26	37.85 1.60 -9.64	59.03 3.33 -9.12	65.78 3.92 -9.33	76.64 4.73 -11.88	50.11 2.01 -23.30	47.52 1.80 -21.39	80.51 4.43 -10.50	123.72 6.64 -5.87	46.01 0.58 -33.92	31.07 0.94 -10.15
N SALMON___HYD 24042	-17.77 1.40 -2.25	-17.18 1.04 6.88	-16.66 -1.66 34.14	3.00 -0.42 1.63	29.57 -0.91 -0.65	116.25 -2.62 0.00	122.51 -3.67 -3.89	98.93 -3.02 2.68	60.26 -2.82 17.69	32.28 -1.28 -0.60	-5.24 -0.96 26.22	8.78 -0.26 -1.64	59.39 -1.58 -4.30	19.49 -0.90 3.88	3.61 -1.04 21.96	33.21 -1.77 11.60	52.07 -1.90 -1.43	52.88 -2.07 5.07	-7.73 -0.93 31.59	9.24 -0.85 14.24	68.41 -1.79 -4.61	117.42 -2.43 -8.65	2.03 -0.44 9.04	-3.27 -0.77 22.48
N.AKRON__115KV_KNAPP 355671	6.26 2.14 -25.54	8.36 1.00 -18.70	30.86 -1.69 -13.41	17.80 -0.44 -13.21	33.68 -2.22 -6.06	109.74 -9.13 0.00	113.29 -9.00 0.00	96.36 -8.66 -0.39	75.60 -6.47 -1.31	32.04 -2.47 -1.55	25.32 -1.10 -4.48	12.53 -0.24 -5.37	56.58 -2.59 -2.50	27.14 -0.96 -3.82	30.02 -1.04 -4.46	49.24 -1.57 -4.23	55.12 -1.74 -4.33	63.52 -1.87 -5.36	34.50 -0.98 -10.68	32.60 -1.26 -9.53	66.56 -3.91 -4.88	106.75 -7.20 -2.76	26.90 -0.75 -16.14	23.45 -1.31 -4.78
N.BELMOR_69_KV_BK1 55787	138.07 -2.03 -161.52	105.89 -1.05 -118.28	105.74 1.80 -84.79	89.05 0.48 -83.53	71.15 3.00 -38.32	131.04 12.17 0.00	172.59 13.21 -37.09	152.50 11.76 -36.11	151.96 9.62 -61.58	79.46 4.07 -42.44	151.68 2.75 -126.99	146.78 0.85 -138.53	126.99 6.69 -63.63	124.72 2.90 -97.54	143.75 3.21 -113.93	159.95 5.61 -107.77	159.20 6.26 -100.40	204.99 7.10 -137.86	297.06 2.84 -269.43	234.82 2.80 -207.70	179.81 7.95 -106.26	174.15 13.36 -49.59	129.96 1.41 -117.04	87.59 2.52 -65.10
N.E_GEN_SANDY PD 24062	167.82 -1.00 -190.25	127.60 -0.53 -139.47	119.92 0.90 -99.88	103.66 0.23 -98.39	78.01 1.67 -46.51	122.82 7.16 3.22	129.77 7.48 0.00	115.31 6.59 -4.08	115.64 5.41 -29.47	55.51 2.33 -20.22	73.67 1.49 -50.23	72.09 0.45 -64.23	90.30 3.49 -30.15	72.23 1.63 -46.32	82.61 1.90 -54.10	101.26 3.51 -51.17	106.44 3.85 -50.06	129.51 4.36 -65.12	156.04 1.81 -129.43	134.45 1.82 -108.30	124.61 4.82 -54.20	149.77 7.85 -30.73	134.24 0.81 -121.92	71.74 1.46 -50.30
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	132.77 -1.45 -155.64	101.88 -0.75 -113.97	102.13 1.28 -81.70	85.87 0.34 -80.49	68.95 2.20 -36.92	127.78 8.91 0.00	131.92 9.63 0.00	115.33 8.40 -2.30	66.15 6.88 21.49	73.05 2.90 -37.20	131.23 1.94 -107.35	136.62 0.64 -128.57	121.33 4.91 -59.75	118.09 2.22 -91.60	136.02 2.42 -106.99	152.04 4.26 -101.20	151.58 4.67 -94.37	194.28 5.36 -128.89	280.05 2.21 -253.05	214.50 2.21 -187.97	169.11 5.81 -97.71	162.48 9.57 -41.71	124.80 1.00 -112.30	83.35 1.78 -61.59
N.QUEENS_27_KV_LOAD 356247	138.33 -1.74 -161.50	106.02 -0.90 -118.26	105.47 1.55 -84.78	88.97 0.41 -83.52	70.75 2.60 -38.31	129.11 10.24 0.00	133.89 11.60 0.00	117.71 10.69 -2.38	132.20 8.78 -42.66	76.16 3.60 -39.60	138.60 2.37 -114.29	145.08 0.79 -136.88	126.35 6.05 -63.63	124.53 2.73 -97.53	143.47 2.97 -113.90	159.35 5.03 -107.74	158.50 5.59 -100.37	203.62 6.37 -137.22	296.68 2.52 -269.36	226.64 2.58 -199.73	176.32 6.89 -103.84	166.92 11.54 -44.18	129.77 1.24 -117.02	87.25 2.19 -65.08
N.TROY___115KV_TB1 355778	191.69 -0.82 -213.94	144.88 -0.44 -156.66	132.19 0.73 -112.31	115.86 0.18 -110.64	81.99 1.40 -50.75	124.98 6.11 0.00	128.64 6.35 0.00	119.58 5.64 -9.30	103.77 4.49 -18.52	34.80 1.85 0.00	23.08 1.14 0.00	7.73 0.32 0.00	59.24 2.58 0.00	25.52 1.24 0.00	28.13 1.52 0.00	49.40 2.82 0.00	60.18 3.15 -4.50	63.62 3.59 0.00	31.22 1.49 -4.94	61.05 1.48 -35.25	78.68 3.89 -9.20	128.98 6.28 -11.50	141.48 0.64 -129.33	46.11 1.15 -24.98
NARROWS_GT1_1 24228	138.19 -1.88 -161.50	107.70 -1.00 -120.03	105.64 1.72 -84.79	96.25 0.45 -90.76	97.51 2.85 -64.82	130.02 11.14 -0.01	134.59 12.18 -0.12	120.94 11.09 -5.22	212.79 9.15 -122.88	134.10 3.91 -97.24	439.12 2.58 -414.60	456.23 0.86 -447.96	423.09 6.49 -359.94	419.97 2.91 -392.78	495.00 3.10 -465.29	811.63 5.47 -759.58	363.27 5.81 -304.92	390.63 6.78 -323.82	532.33 2.76 -504.77	425.86 2.78 -398.75	386.66 7.15 -313.91	426.05 12.24 -302.61	206.28 1.30 -193.47	87.38 2.32 -65.08
NARROWS_GT1_2 24229	138.19 -1.88 -161.50	107.70 -1.00 -120.03	105.64 1.72 -84.79	96.25 0.45 -90.76	97.51 2.85 -64.82	130.02 11.14 -0.01	134.59 12.18 -0.12	120.94 11.09 -5.22	212.79 9.15 -122.88	134.10 3.91 -97.24	439.12 2.58 -414.60	456.23 0.86 -447.96	423.09 6.49 -359.94	419.97 2.91 -392.78	495.00 3.10 -465.29	811.63 5.47 -759.58	363.27 5.81 -304.92	390.63 6.78 -323.82	532.33 2.76 -504.77	425.86 2.78 -398.75	386.66 7.15 -313.91	426.05 12.24 -302.61	206.28 1.30 -193.47	87.38 2.32 -65.08
NARROWS_GT1_3 24230	138.19 -1.88 -161.50	107.70 -1.00 -120.03	105.64 1.72 -84.79	96.25 0.45 -90.76	97.51 2.85 -64.82	130.02 11.14 -0.01	134.59 12.18 -0.12	120.94 11.09 -5.22	212.79 9.15 -122.88	134.10 3.91 -97.24	439.12 2.58 -414.60	456.23 0.86 -447.96	423.09 6.49 -359.94	419.97 2.91 -392.78	495.00 3.10 -465.29	811.63 5.47 -759.58	363.27 5.81 -304.92	390.63 6.78 -323.82	532.33 2.76 -504.77	425.86 2.78 -398.75	386.66 7.15 -313.91	426.05 12.24 -302.61	206.28 1.30 -193.47	87.38 2.32 -65.08
NARROWS_GT1_4 24231	138.19 -1.88 -161.50	107.70 -1.00 -120.03	105.64 1.72 -84.79	96.25 0.45 -90.76	97.51 2.85 -64.82	130.02 11.14 -0.01	134.59 12.18 -0.12	120.94 11.09 -5.22	212.79 9.15 -122.88	134.10 3.91 -97.24	439.12 2.58 -414.60	456.23 0.86 -447.96	423.09 6.49 -359.94	419.97 2.91 -392.78	495.00 3.10 -465.29	811.63 5.47 -759.58	363.27 5.81 -304.92	390.63 6.78 -323.82	532.33 2.76 -504.77	425.86 2.78 -398.75	386.66 7.15 -313.91	426.05 12.24 -302.61	206.28 1.30 -193.47	87.38 2.32 -65.08

NARROWS_GT1_5 24232	138.19 -1.88 -161.50	107.70 -1.00 -120.03	105.64 1.72 -84.79	96.25 0.45 -90.76	97.51 2.85 -64.82	130.02 11.14 -0.01	134.59 12.18 -0.12	120.94 11.09 -5.22	212.79 9.15 -122.88	134.10 3.91 -97.24	439.12 2.58 -414.60	456.23 0.86 -447.96	423.09 6.49 -359.94	419.97 2.91 -392.78	495.00 3.10 -465.29	811.63 5.47 -759.58	363.27 5.81 -304.92	390.63 6.78 -323.82	532.33 2.76 -504.77	425.86 2.78 -398.75	386.66 7.15 -313.91	426.05 12.24 -302.61	206.28 1.30 -193.47	87.38 2.32 -65.08
NARROWS_GT1_6 24233	138.19 -1.88 -161.50	107.70 -1.00 -120.03	105.64 1.72 -84.79	96.25 0.45 -90.76	97.51 2.85 -64.82	130.02 11.14 -0.01	134.59 12.18 -0.12	120.94 11.09 -5.22	212.79 9.15 -122.88	134.10 3.91 -97.24	439.12 2.58 -414.60	456.23 0.86 -447.96	423.09 6.49 -359.94	419.97 2.91 -392.78	495.00 3.10 -465.29	811.63 5.47 -759.58	363.27 5.81 -304.92	390.63 6.78 -323.82	532.33 2.76 -504.77	425.86 2.78 -398.75	386.66 7.15 -313.91	426.05 12.24 -302.61	206.28 1.30 -193.47	87.38 2.32 -65.08
NARROWS_GT1_7 24234	138.19 -1.88 -161.50	107.70 -1.00 -120.03	105.64 1.72 -84.79	96.25 0.45 -90.76	97.51 2.85 -64.82	130.02 11.14 -0.01	134.59 12.18 -0.12	120.94 11.09 -5.22	212.79 9.15 -122.88	134.10 3.91 -97.24	439.12 2.58 -414.60	456.23 0.86 -447.96	423.09 6.49 -359.94	419.97 2.91 -392.78	495.00 3.10 -465.29	811.63 5.47 -759.58	363.27 5.81 -304.92	390.63 6.78 -323.82	532.33 2.76 -504.77	425.86 2.78 -398.75	386.66 7.15 -313.91	426.05 12.24 -302.61	206.28 1.30 -193.47	87.38 2.32 -65.08
NARROWS_GT1_8 24235	138.19 -1.88 -161.50	107.70 -1.00 -120.03	105.64 1.72 -84.79	96.25 0.45 -90.76	97.51 2.85 -64.82	130.02 11.14 -0.01	134.59 12.18 -0.12	120.94 11.09 -5.22	212.79 9.15 -122.88	134.10 3.91 -97.24	439.12 2.58 -414.60	456.23 0.86 -447.96	423.09 6.49 -359.94	419.97 2.91 -392.78	495.00 3.10 -465.29	811.63 5.47 -759.58	363.27 5.81 -304.92	390.63 6.78 -323.82	532.33 2.76 -504.77	425.86 2.78 -398.75	386.66 7.15 -313.91	426.05 12.24 -302.61	206.28 1.30 -193.47	87.38 2.32 -65.08
NARROWS_GT2_1 24236	138.19 -1.88 -161.50	107.70 -1.00 -120.03	105.64 1.72 -84.79	96.25 0.45 -90.76	97.51 2.85 -64.82	130.02 11.14 -0.01	134.59 12.18 -0.12	120.94 11.09 -5.22	138.18 9.15 -48.27	120.76 3.91 -83.90	156.32 2.58 -131.81	162.72 0.86 -154.47	152.94 6.49 -89.78	149.81 2.91 -122.63	164.81 3.10 -135.10	204.40 5.47 -152.35	169.98 5.81 -111.63	214.30 6.78 -147.49	311.36 2.76 -283.81	239.92 2.78 -212.81	188.15 7.15 -115.41	182.48 12.24 -59.04	134.88 1.30 -122.07	87.38 2.32 -65.08
NARROWS_GT2_2 24237	138.19 -1.88 -161.50	107.70 -1.00 -120.03	105.64 1.72 -84.79	96.25 0.45 -90.76	97.51 2.85 -64.82	130.02 11.14 -0.01	134.59 12.18 -0.12	120.94 11.09 -5.22	138.18 9.15 -48.27	120.76 3.91 -83.90	156.32 2.58 -131.81	162.72 0.86 -154.47	152.94 6.49 -89.78	149.81 2.91 -122.63	164.81 3.10 -135.10	204.40 5.47 -152.35	169.98 5.81 -111.63	214.30 6.78 -147.49	311.36 2.76 -283.81	239.92 2.78 -212.81	188.15 7.15 -115.41	182.48 12.24 -59.04	134.88 1.30 -122.07	87.38 2.32 -65.08
NARROWS_GT2_3 24238	138.19 -1.88 -161.50	107.70 -1.00 -120.03	105.64 1.72 -84.79	96.25 0.45 -90.76	97.51 2.85 -64.82	130.02 11.14 -0.01	134.59 12.18 -0.12	120.94 11.09 -5.22	138.18 9.15 -48.27	120.76 3.91 -83.90	156.32 2.58 -131.81	162.72 0.86 -154.47	152.94 6.49 -89.78	149.81 2.91 -122.63	164.81 3.10 -135.10	204.40 5.47 -152.35	169.98 5.81 -111.63	214.30 6.78 -147.49	311.36 2.76 -283.81	239.92 2.78 -212.81	188.15 7.15 -115.41	182.48 12.24 -59.04	134.88 1.30 -122.07	87.38 2.32 -65.08
NARROWS_GT2_4 24239	138.19 -1.88 -161.50	107.70 -1.00 -120.03	105.64 1.72 -84.79	96.25 0.45 -90.76	97.51 2.85 -64.82	130.02 11.14 -0.01	134.59 12.18 -0.12	120.94 11.09 -5.22	138.18 9.15 -48.27	120.76 3.91 -83.90	156.32 2.58 -131.81	162.72 0.86 -154.47	152.94 6.49 -89.78	149.81 2.91 -122.63	164.81 3.10 -135.10	204.40 5.47 -152.35	169.98 5.81 -111.63	214.30 6.78 -147.49	311.36 2.76 -283.81	239.92 2.78 -212.81	188.15 7.15 -115.41	182.48 12.24 -59.04	134.88 1.30 -122.07	87.38 2.32 -65.08
NARROWS_GT2_5 24240	138.19 -1.88 -161.50	107.70 -1.00 -120.03	105.64 1.72 -84.79	96.25 0.45 -90.76	97.51 2.85 -64.82	130.02 11.14 -0.01	134.59 12.18 -0.12	120.94 11.09 -5.22	138.18 9.15 -48.27	120.76 3.91 -83.90	156.32 2.58 -131.81	162.72 0.86 -154.47	152.94 6.49 -89.78	149.81 2.91 -122.63	164.81 3.10 -135.10	204.40 5.47 -152.35	169.98 5.81 -111.63	214.30 6.78 -147.49	311.36 2.76 -283.81	239.92 2.78 -212.81	188.15 7.15 -115.41	182.48 12.24 -59.04	134.88 1.30 -122.07	87.38 2.32 -65.08
NARROWS_GT2_6 24241	138.19 -1.88 -161.50	107.70 -1.00 -120.03	105.64 1.72 -84.79	96.25 0.45 -90.76	97.51 2.85 -64.82	130.02 11.14 -0.01	134.59 12.18 -0.12	120.94 11.09 -5.22	138.18 9.15 -48.27	120.76 3.91 -83.90	156.32 2.58 -131.81	162.72 0.86 -154.47	152.94 6.49 -89.78	149.81 2.91 -122.63	164.81 3.10 -135.10	204.40 5.47 -152.35	169.98 5.81 -111.63	214.30 6.78 -147.49	311.36 2.76 -283.81	239.92 2.78 -212.81	188.15 7.15 -115.41	182.48 12.24 -59.04	134.88 1.30 -122.07	87.38 2.32 -65.08
NARROWS_GT2_7 24242	138.19 -1.88 -161.50	107.70 -1.00 -120.03	105.64 1.72 -84.79	96.25 0.45 -90.76	97.51 2.85 -64.82	130.02 11.14 -0.01	134.59 12.18 -0.12	120.94 11.09 -5.22	138.18 9.15 -48.27	120.76 3.91 -83.90	156.32 2.58 -131.81	162.72 0.86 -154.47	152.94 6.49 -89.78	149.81 2.91 -122.63	164.81 3.10 -135.10	204.40 5.47 -152.35	169.98 5.81 -111.63	214.30 6.78 -147.49	311.36 2.76 -283.81	239.92 2.78 -212.81	188.15 7.15 -115.41	182.48 12.24 -59.04	134.88 1.30 -122.07	87.38 2.32 -65.08
NARROWS_GT2_8 24243	138.19 -1.88 -161.50	107.70 -1.00 -120.03	105.64 1.72 -84.79	96.25 0.45 -90.76	97.51 2.85 -64.82	130.02 11.14 -0.01	134.59 12.18 -0.12	120.94 11.09 -5.22	138.18 9.15 -48.27	120.76 3.91 -83.90	156.32 2.58 -131.81	162.72 0.86 -154.47	152.94 6.49 -89.78	149.81 2.91 -122.63	164.81 3.10 -135.10	204.40 5.47 -152.35	169.98 5.81 -111.63	214.30 6.78 -147.49	311.36 2.76 -283.81	239.92 2.78 -212.81	188.15 7.15 -115.41	182.48 12.24 -59.04	134.88 1.30 -122.07	87.38 2.32 -65.08
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	175.52 -1.36 -198.30	133.14 -0.72 -145.21	124.45 1.21 -104.10	107.92 0.32 -102.55	79.08 2.20 -47.04	128.28 9.41 0.00	132.24 9.96 0.00	117.97 8.55 -4.79	98.55 6.53 -11.26	40.60 2.72 -4.92	37.83 1.70 -14.19	24.91 0.51 -17.00	68.18 3.61 -7.90	37.93 1.54 -12.11	42.49 1.73 -14.15	63.64 3.68 -13.38	73.38 4.63 -16.21	82.43 5.36 -17.04	62.45 1.81 -35.84	71.60 1.72 -45.55	90.58 4.43 -20.56	133.12 6.86 -15.07	134.73 0.93 -122.28	50.48 1.61 -28.90
NCHELSEA_115KV_TR2 355582	138.10 -1.74 -161.27	105.84 -0.91 -118.10	105.35 1.55 -84.66	88.85 0.41 -83.40	70.72 2.62 -38.26	129.69 10.82 0.00	134.01 11.72 0.00	117.46 10.39 -2.44	107.28 8.48 -18.03	74.49 3.54 -37.99	133.93 2.35 -109.64	139.48 0.76 -131.31	123.51 5.81 -61.03	120.46 2.63 -93.56	138.82 2.91 -109.31	155.17 5.20 -103.39	154.88 5.89 -96.46	198.53 6.82 -131.68	286.17 2.80 -258.57	219.48 2.77 -192.38	172.82 7.31 -99.92	165.91 11.97 -42.74	128.83 1.22 -116.10	85.31 2.14 -63.19
NEG CAPITAL___MECHNVIL 23645	194.01 -1.09 -216.51	146.63 -0.58 -158.55	133.77 0.97 -113.66	117.26 0.25 -111.97	82.96 1.77 -51.37	126.50 7.64 0.00	130.52 8.23 0.00	122.29 7.33 -10.32	106.57 5.72 -20.09	33.89 2.30 1.36	19.43 1.41 3.92	3.12 0.41 4.69	57.77 3.29 2.18	22.48 1.54 3.34	24.60 1.91 3.91	46.44 3.55 3.69	57.84 4.08 -1.23	60.02 4.70 4.71	23.03 1.94 3.71	57.95 1.89 -31.74	76.53 4.96 -5.99	129.52 7.90 -10.42	142.51 0.78 -130.22	45.05 1.37 -23.70

NEG CENTRAL_HIGH_ACRES 23767	0.99 1.35 -21.06	4.73 0.65 -15.42	29.11 -1.09 -11.06	15.64 -0.29 -10.89	33.34 -1.50 -5.00	112.83 -6.04 0.00	116.52 -5.77 0.00	99.38 -5.25 0.00	77.37 -3.84 -0.44	32.81 -1.41 -1.27	24.96 -0.63 -3.65	11.62 -0.15 -4.37	56.89 -1.80 -2.03	26.83 -0.57 -3.11	29.64 -0.61 -3.64	48.96 -1.06 -3.44	54.99 -1.09 -3.54	62.54 -1.38 -3.89	32.71 -0.65 -8.57	30.44 -0.85 -6.96	67.06 -2.53 -4.00	108.42 -5.05 -2.27	24.34 -0.49 -13.33	23.05 -0.86 -3.93
NEG CENTRAL___DRP 24199	2.88 0.33 -23.96	6.35 0.14 -17.55	31.48 -0.24 -12.58	17.37 -0.06 -12.39	35.28 -0.24 -5.69	117.31 -1.56 0.00	121.03 -1.26 0.00	103.94 -1.05 -0.36	81.66 -0.32 -1.23	34.55 0.14 -1.45	24.91 0.26 -2.71	12.53 0.11 -5.01	59.22 0.23 -2.33	28.12 0.28 -3.57	31.11 0.33 -4.17	51.19 0.67 -3.95	57.33 0.74 -4.06	65.92 0.87 -5.03	35.31 0.50 -10.01	33.54 0.28 -8.93	70.29 0.13 -4.58	112.92 -0.86 -2.59	26.70 0.02 -15.17	24.50 0.03 -4.49
NEG CENTRAL___INDECK 23768	9.58 0.63 -30.37	11.16 0.26 -22.24	34.64 -0.45 -15.94	20.61 -0.13 -15.71	36.55 -0.49 -7.21	116.85 -2.02 0.00	121.02 -1.26 0.00	103.68 -1.42 -0.47	81.72 -0.62 -1.58	34.70 -0.12 -1.86	27.52 0.21 -5.37	13.96 0.12 -6.44	59.46 -0.19 -2.99	29.03 0.17 -4.58	32.05 0.09 -5.35	52.32 0.68 -5.06	59.13 1.40 -5.19	68.36 1.88 -6.44	38.34 0.71 -12.83	36.18 0.41 -11.45	72.05 0.61 -5.85	114.30 -0.19 -3.30	30.71 -0.04 -19.24	25.57 -0.12 -5.71
NEG CENTRAL___SENECA 23627	5.05 0.47 -25.99	7.90 0.21 -19.04	32.42 -0.37 -13.65	18.39 -0.09 -13.44	35.61 -0.39 -6.17	116.29 -2.58 0.00	119.93 -2.36 0.00	103.05 -1.97 -0.40	81.16 -0.94 -1.34	34.53 -0.01 -1.58	26.73 0.22 -4.56	12.98 0.11 -5.46	59.25 0.05 -2.54	28.41 0.24 -3.89	31.44 0.28 -4.55	51.52 0.64 -4.30	57.64 0.69 -4.42	66.29 0.79 -5.48	36.23 0.52 -10.91	34.33 0.28 -9.73	70.47 -0.10 -4.98	112.43 -1.58 -2.81	27.95 -0.02 -16.46	24.81 -0.05 -4.88
NEG CENTRAL___STATE_STREET 24147	2.21 0.00 -23.64	5.94 -0.03 -17.31	31.59 0.04 -12.41	17.27 0.01 -12.23	35.60 0.16 -5.61	119.45 0.58 0.00	123.36 1.07 0.00	105.91 0.92 -0.36	83.09 1.11 -1.22	34.98 0.59 -1.43	24.94 0.49 -2.51	12.52 0.17 -4.94	59.81 0.85 -2.30	28.31 0.51 -3.52	31.31 0.59 -4.11	51.54 1.07 -3.89	57.71 1.18 -4.00	66.41 1.43 -4.96	35.34 0.67 -9.87	33.57 0.43 -8.82	70.85 0.74 -4.51	114.32 0.57 -2.55	26.63 0.16 -14.96	24.67 0.27 -4.42
NEG MILLWOOD___DRP 24198	139.72 -1.83 -162.97	107.05 -0.95 -119.34	106.32 1.62 -85.55	89.75 0.43 -84.28	71.25 2.75 -38.66	130.22 11.35 0.00	134.59 12.30 0.00	118.00 10.94 -2.43	114.86 9.16 -24.95	76.19 3.94 -39.29	138.00 2.67 -113.38	144.05 0.85 -135.80	126.27 6.49 -63.12	123.95 2.91 -96.76	142.89 3.06 -113.22	159.10 5.43 -107.10	158.49 6.13 -99.83	203.53 7.10 -136.40	295.50 2.92 -267.79	226.03 2.87 -198.84	176.52 7.60 -103.33	167.69 12.44 -44.05	130.58 1.28 -117.79	87.19 2.24 -64.98
NEG NORTH_FLCN_SEA 23793	-20.90 1.38 0.86	-19.96 1.11 9.72	-20.72 -1.72 38.14	1.16 -0.46 3.42	28.55 -1.21 0.08	115.03 -3.84 0.00	56.15 -5.36 60.78	37.11 -4.81 62.71	-14.32 -4.20 90.88	21.76 -1.79 9.40	-2.53 -1.34 23.13	-18.72 -0.42 25.71	-13.41 -2.70 67.37	7.87 -1.31 15.10	4.71 -1.43 20.47	-18.08 -2.55 62.11	-25.52 -2.82 75.23	-24.25 -3.13 81.15	-21.89 -1.35 45.33	-22.10 -1.24 45.18	-9.37 -2.78 72.18	-28.55 -4.34 135.41	-11.03 -0.60 21.94	-3.16 -0.89 22.25
NEG NORTH_KES_CHATEGAY 23792	-17.83 1.66 -1.93	-17.66 1.21 7.53	-18.80 -1.89 36.05	2.60 -0.51 1.93	29.06 -1.35 -0.58	114.44 -4.43 0.00	122.70 -5.45 -5.87	98.74 -4.71 1.18	60.07 -4.07 16.62	32.04 -1.82 -0.91	13.48 -1.31 7.14	9.47 -0.40 -2.48	60.51 -2.64 -6.49	19.16 -1.34 3.78	4.25 -1.49 20.86	34.58 -2.63 9.36	53.66 -2.78 -3.90	54.72 -3.13 2.19	-6.35 -1.38 29.77	10.92 -1.26 12.14	69.71 -2.83 -6.95	119.84 -4.39 -13.04	2.40 -0.61 8.49	-2.61 -1.02 21.57
NEG NORTH___ALICE_FALLS 23915	-21.00 1.27 0.85	-19.99 1.05 9.70	-20.52 -1.62 38.04	1.20 -0.43 3.41	28.75 -1.00 0.08	115.97 -2.90 0.00	160.13 -4.10 -41.94	132.84 -3.70 -31.91	100.38 -3.34 -22.95	37.99 -1.45 -6.48	30.97 -1.10 -10.13	24.77 -0.34 -17.70	100.91 -2.16 -46.40	25.42 -1.08 -2.22	4.92 -1.16 20.53	64.01 -2.05 -19.48	97.08 -2.19 -46.73	98.43 -2.37 -40.76	3.10 -1.02 20.68	29.65 -0.95 -6.27	113.31 -1.99 -49.72	201.40 -3.06 -93.27	9.88 -0.48 1.15	-1.52 -0.73 20.77
NEG NORTH___LWR_SARANAC 23913	-21.00 1.27 0.85	-19.99 1.05 9.70	-20.52 -1.62 38.04	1.20 -0.43 3.41	28.75 -1.00 0.08	115.97 -2.90 0.00	160.13 -4.10 -41.94	132.84 -3.70 -31.91	100.38 -3.34 -22.95	37.99 -1.45 -6.48	30.97 -1.10 -10.13	24.77 -0.34 -17.70	100.91 -2.16 -46.40	25.42 -1.08 -2.22	4.92 -1.16 20.53	64.01 -2.05 -19.48	97.08 -2.19 -46.73	98.43 -2.37 -40.76	3.10 -1.02 20.68	29.65 -0.95 -6.27	113.31 -1.99 -49.72	201.40 -3.06 -93.27	9.88 -0.48 1.15	-1.52 -0.73 20.77
NEG NORTH___PLATTSBURG 23628	-21.01 1.27 0.85	-19.98 1.05 9.70	-20.53 -1.62 38.04	1.20 -0.43 3.41	28.75 -1.00 0.08	115.97 -2.89 0.00	160.13 -4.10 -41.94	132.84 -3.70 -31.91	100.38 -3.33 -22.95	37.99 -1.44 -6.48	30.97 -1.10 -10.13	24.77 -0.34 -17.70	100.90 -2.17 -46.40	25.42 -1.08 -2.22	4.91 -1.16 20.53	64.00 -2.05 -19.48	97.08 -2.19 -46.73	98.45 -2.34 -40.76	3.09 -1.02 20.68	29.65 -0.94 -6.27	113.31 -2.00 -49.72	201.39 -3.08 -93.27	9.88 -0.48 1.15	-1.52 -0.73 20.77
NEG WEST_LEA_LOCKPORT 23791	7.53 2.68 -26.27	9.17 1.27 -19.24	30.78 -2.15 -13.79	18.06 -0.57 -13.58	33.14 -2.93 -6.23	106.71 -12.16 0.00	109.91 -12.38 0.00	93.35 -11.69 -0.40	73.28 -8.83 -1.35	31.13 -3.42 -1.60	24.84 -1.71 -4.61	12.51 -0.43 -5.54	55.21 -4.02 -2.57	26.65 -1.57 -3.94	29.47 -1.73 -4.59	48.18 -2.75 -4.36	53.86 -3.13 -4.46	62.01 -3.54 -5.52	34.12 -1.68 -11.00	32.20 -1.94 -9.81	64.92 -5.70 -5.03	103.87 -10.16 -2.84	27.07 -1.04 -16.60	23.09 -1.80 -4.92
NEG WEST___LANCASTER 23811	10.94 1.63 -30.73	11.90 0.74 -22.51	34.03 -1.24 -16.13	20.61 -0.32 -15.89	35.62 -1.50 -7.29	112.65 -6.22 0.00	115.63 -6.66 0.00	98.49 -6.61 -0.47	77.65 -4.71 -1.60	33.10 -1.74 -1.88	26.72 -0.66 -5.44	13.83 -0.10 -6.53	58.39 -1.31 -3.04	28.54 -0.38 -4.65	31.61 -0.41 -5.42	51.32 -0.40 -5.14	57.09 -0.70 -5.25	65.82 -0.72 -6.51	37.25 -0.53 -12.98	35.01 -0.88 -11.57	68.59 -2.92 -5.92	109.40 -5.14 -3.33	30.42 -0.54 -19.44	24.86 -0.89 -5.77
NEG_PENN_ALLEGHNY 23528	34.47 0.17 -55.72	29.54 0.08 -40.80	48.25 -0.14 -29.25	33.83 -0.03 -28.81	43.05 0.00 -13.22	118.89 0.02 0.00	122.55 0.26 0.00	105.78 0.21 -0.94	84.40 0.56 -3.08	36.74 0.30 -3.48	32.29 0.30 -10.05	19.55 0.10 -12.05	62.88 0.62 -5.60	33.23 0.38 -8.58	37.06 0.43 -10.02	57.02 0.96 -9.48	63.12 0.89 -9.70	73.37 0.95 -12.40	49.35 0.48 -24.06	46.17 0.31 -21.54	77.07 0.57 -10.91	117.71 0.40 -6.11	46.95 0.08 -35.37	30.68 0.14 -10.57
NEG___GEN_MONROE 24207	1.59 1.24 -21.78	5.17 0.57 -15.95	29.60 -0.97 -11.43	16.05 -0.26 -11.26	33.77 -1.23 -5.17	113.87 -5.00 0.00	117.60 -4.68 0.00	100.43 -4.53 -0.32	78.63 -3.24 -1.10	33.09 -1.17 -1.31	25.32 -0.40 -3.78	11.89 -0.04 -4.53	57.73 -1.04 -2.11	27.22 -0.29 -3.23	30.05 -0.32 -3.77	49.76 -0.38 -3.57	55.79 -0.41 -3.67	64.22 -0.35 -4.54	33.57 -0.27 -9.05	31.90 -0.49 -8.07	67.97 -1.76 -4.14	109.95 -3.59 -2.34	24.93 -0.36 -13.78	23.39 -0.66 -4.07

NEPA__ENERGY 23901	9.71 2.08 -29.05	10.87 0.94 -21.27	32.85 -1.55 -15.25	19.64 -0.42 -15.02	34.64 -2.09 -6.89	109.92 -8.95 0.00	113.17 -9.12 0.00	96.42 -8.66 -0.45	76.16 -6.11 -1.51	32.47 -2.27 -1.78	26.06 -1.01 -5.13	13.34 -0.22 -6.16	57.08 -2.45 -2.86	27.82 -0.84 -4.38	30.81 -0.90 -5.11	50.23 -1.19 -4.84	56.08 -1.41 -4.95	64.54 -1.63 -6.14	36.13 -0.90 -12.23	34.00 -1.23 -10.91	67.46 -3.72 -5.58	107.60 -6.74 -3.14	29.22 -0.66 -18.37	24.26 -1.16 -5.45
NEVERSINK__HYD 23608	123.76 -1.52 -146.70	95.29 -0.79 -107.43	97.49 1.34 -77.01	81.28 0.37 -75.87	66.93 2.29 -34.80	128.35 9.48 0.00	132.84 10.55 0.00	116.36 9.40 -2.33	95.18 7.67 -6.75	65.36 3.05 -29.36	108.60 1.94 -84.72	109.50 0.63 -101.47	108.47 4.65 -47.16	98.67 2.10 -72.29	113.45 2.39 -84.45	131.01 4.54 -79.88	132.74 5.22 -74.99	168.03 6.27 -101.74	227.42 2.61 -200.01	177.82 2.58 -150.92	150.46 6.72 -78.15	156.43 11.03 -34.21	115.65 1.08 -103.06	73.26 1.88 -51.40
NEWKRMKL_115KV_TB1 55635	190.18 -0.78 -212.38	143.77 -0.42 -155.52	131.34 0.71 -111.50	115.07 0.19 -109.84	81.54 1.32 -50.39	124.47 5.60 0.00	128.04 5.76 0.00	116.72 5.02 -7.07	97.92 4.04 -13.12	31.90 1.72 2.78	15.07 1.15 8.02	-1.85 0.35 9.61	54.82 2.62 4.46	18.61 1.18 6.85	19.87 1.25 7.99	41.29 2.28 7.56	52.76 2.56 2.34	53.31 2.91 9.63	10.92 1.18 15.06	41.73 1.16 -16.24	70.91 2.99 -2.33	124.98 4.86 -8.93	139.13 0.59 -127.03	42.58 1.04 -21.56
NEWTON__FALLS_HYD 23847	-14.91 1.52 -4.98	-11.71 0.89 1.26	-0.10 -1.49 17.75	5.71 -0.30 -0.97	30.01 -1.07 -1.25	115.55 -3.32 0.00	118.76 -3.52 0.00	98.56 -2.56 3.52	65.67 -2.74 12.35	31.67 -1.28 0.00	-34.69 -1.00 55.64	7.09 -0.31 0.00	54.09 -2.57 0.00	20.52 -1.21 2.55	-6.21 -1.44 31.38	23.86 -2.27 20.45	45.87 -2.46 4.21	42.83 -2.84 14.36	-20.50 -1.18 44.12	-2.32 -1.15 25.50	62.86 -2.92 -0.19	107.01 -4.42 -0.24	2.48 -0.62 8.40	-10.66 -1.10 29.55
NGRID_A1_DSASP 323792	8.23 2.91 -26.74	9.62 1.38 -19.58	30.84 -2.34 -14.03	18.26 -0.61 -13.83	32.95 -3.22 -6.34	105.53 -13.34 0.00	108.50 -13.79 0.00	92.06 -12.98 -0.41	72.20 -9.94 -1.38	30.69 -3.89 -1.63	24.69 -1.95 -4.70	12.54 -0.51 -5.64	54.73 -4.56 -2.62	26.54 -1.75 -4.01	29.44 -1.85 -4.68	47.77 -3.25 -4.44	53.59 -3.48 -4.54	59.95 -4.33 -4.25	33.97 -2.03 -11.20	32.02 -2.30 -9.99	64.39 -6.31 -5.11	102.55 -11.53 -2.89	27.23 -1.16 -16.89	22.97 -2.01 -5.00
NGRID_A2_DSASP 323793	8.23 2.91 -26.74	9.62 1.38 -19.58	30.84 -2.34 -14.03	18.26 -0.61 -13.83	32.95 -3.22 -6.34	105.53 -13.34 0.00	108.50 -13.79 0.00	92.06 -12.98 -0.41	72.20 -9.94 -1.38	30.69 -3.89 -1.63	24.69 -1.95 -4.70	12.54 -0.51 -5.64	54.73 -4.56 -2.62	26.54 -1.75 -4.01	29.44 -1.85 -4.68	47.77 -3.25 -4.44	53.59 -3.48 -4.54	59.95 -4.33 -4.25	33.97 -2.03 -11.20	32.02 -2.30 -9.99	64.39 -6.31 -5.11	102.55 -11.53 -2.89	27.23 -1.16 -16.89	22.97 -2.01 -5.00
NGRID_A4_DSASP 323807	8.23 2.91 -26.74	9.62 1.38 -19.58	30.84 -2.34 -14.03	18.26 -0.61 -13.83	32.95 -3.22 -6.34	105.53 -13.34 0.00	108.50 -13.79 0.00	92.06 -12.98 -0.41	72.20 -9.94 -1.38	30.69 -3.89 -1.63	24.69 -1.95 -4.70	12.54 -0.51 -5.64	54.73 -4.56 -2.62	26.54 -1.75 -4.01	29.44 -1.85 -4.68	47.77 -3.25 -4.44	53.59 -3.48 -4.54	59.95 -4.33 -4.25	33.97 -2.03 -11.20	32.02 -2.30 -9.99	64.39 -6.31 -5.11	102.55 -11.53 -2.89	27.23 -1.16 -16.89	22.97 -2.01 -5.00
NIAGARA_115E_LBMP 323715	8.37 2.99 -26.81	9.71 1.42 -19.63	30.81 -2.41 -14.07	18.27 -0.63 -13.87	32.90 -3.29 -6.36	105.24 -13.63 0.00	108.25 -14.03 0.00	91.87 -13.17 -0.41	72.03 -10.11 -1.38	30.63 -3.96 -1.63	24.64 -2.01 -4.72	12.53 -0.54 -5.66	54.53 -4.76 -2.63	26.46 -1.84 -4.02	29.35 -1.95 -4.69	47.62 -3.40 -4.45	53.46 -3.63 -4.55	59.83 -4.48 -4.28	33.95 -2.09 -11.24	31.99 -2.36 -10.02	64.21 -6.51 -5.13	102.23 -11.86 -2.90	27.25 -1.20 -16.94	22.92 -2.08 -5.02
NIAGARA_115W_LBMP 323714	8.23 2.95 -26.70	9.61 1.40 -19.55	30.78 -2.37 -14.02	18.22 -0.62 -13.81	32.89 -3.28 -6.33	105.31 -13.56 0.00	108.27 -14.01 0.00	91.88 -13.15 -0.41	72.04 -10.09 -1.38	30.62 -3.96 -1.63	24.63 -2.01 -4.70	12.52 -0.52 -5.64	54.61 -4.67 -2.62	26.49 -1.80 -4.01	29.38 -1.90 -4.67	47.66 -3.35 -4.43	53.47 -3.60 -4.53	59.81 -4.46 -4.24	33.90 -2.08 -11.18	31.95 -2.35 -9.98	64.24 -6.46 -5.11	102.33 -11.75 -2.88	27.19 -1.18 -16.86	22.93 -2.05 -5.00
NIAGARA_230_LBMP 323716	7.65 2.69 -26.37	9.24 1.27 -19.31	30.83 -2.16 -13.85	18.11 -0.57 -13.64	33.11 -2.98 -6.26	106.51 -12.36 0.00	109.51 -12.77 0.00	93.01 -12.02 -0.40	72.99 -9.14 -1.36	30.98 -3.58 -1.60	24.81 -1.76 -4.64	12.52 -0.44 -5.56	55.13 -4.12 -2.59	26.69 -1.54 -3.95	29.60 -1.62 -4.61	48.11 -2.85 -4.37	53.96 -3.04 -4.47	60.36 -3.84 -4.18	34.02 -1.82 -11.04	32.07 -2.10 -9.84	64.84 -5.79 -5.04	103.47 -10.57 -2.84	27.10 -1.06 -16.65	23.07 -1.84 -4.93
NIAGARA__115KV_198_GIBSON 55903	8.23 2.95 -26.70	9.61 1.40 -19.55	30.78 -2.37 -14.02	18.22 -0.62 -13.81	32.89 -3.27 -6.33	105.32 -13.55 0.00	108.26 -14.03 0.00	91.82 -13.22 -0.41	72.03 -10.10 -1.38	30.62 -3.96 -1.63	24.58 -2.05 -4.70	12.50 -0.53 -5.64	54.58 -4.70 -2.62	26.40 -1.88 -4.01	29.19 -2.08 -4.67	47.61 -3.40 -4.43	53.14 -3.93 -4.53	61.14 -4.50 -5.61	33.90 -2.08 -11.18	31.99 -2.31 -9.98	64.04 -6.66 -5.11	102.33 -11.75 -2.88	27.18 -1.19 -16.86	22.92 -2.05 -5.00
NIAGARA____ 23760	7.95 2.69 -26.67	9.47 1.27 -19.54	30.97 -2.16 -13.99	18.26 -0.57 -13.78	33.17 -2.98 -6.32	106.51 -12.36 0.00	109.51 -12.77 0.00	93.02 -12.02 -0.40	73.00 -9.14 -1.37	31.00 -3.58 -1.62	24.86 -1.76 -4.67	12.59 -0.44 -5.63	55.15 -4.12 -2.61	26.73 -1.54 -3.99	29.64 -1.62 -4.65	48.15 -2.85 -4.41	54.00 -3.04 -4.51	60.41 -3.84 -4.22	34.11 -1.82 -11.13	32.16 -2.10 -9.94	64.88 -5.79 -5.08	103.49 -10.57 -2.87	27.26 -1.06 -16.80	23.12 -1.84 -4.98
NINE_MILE_1 23575	-11.06 0.83 -9.53	-3.93 0.43 -6.98	23.42 -0.73 -5.00	9.77 -0.20 -4.93	30.96 -1.13 -2.26	114.14 -4.73 0.00	117.58 -4.71 0.00	100.59 -4.04 0.00	77.73 -3.03 0.00	31.86 -1.10 0.00	21.27 -0.67 0.00	7.17 -0.23 0.00	54.43 -2.23 0.00	23.45 -0.83 0.00	25.69 -0.91 0.00	44.84 -1.74 0.00	50.80 -1.94 -0.20	57.79 -2.24 0.00	23.92 -0.88 0.00	23.87 -0.92 -0.47	63.41 -2.59 -0.41	107.20 -4.50 -0.51	16.86 -0.39 -5.74	20.42 -0.66 -1.11
NINE_MILE_2 23744	-11.10 0.83 -9.49	-3.96 0.43 -6.95	23.39 -0.73 -4.98	9.75 -0.20 -4.91	30.95 -1.13 -2.25	114.14 -4.73 0.00	117.58 -4.71 0.00	100.59 -4.04 0.00	77.73 -3.03 0.00	31.86 -1.10 0.00	21.27 -0.67 0.00	7.17 -0.23 0.00	54.43 -2.23 0.00	23.44 -0.83 0.00	25.69 -0.92 0.00	44.84 -1.74 0.00	50.79 -1.95 -0.20	57.78 -2.25 0.00	23.92 -0.88 0.00	23.87 -0.92 -0.47	63.40 -2.60 -0.41	107.20 -4.50 -0.51	16.84 -0.39 -5.72	20.42 -0.66 -1.11
NM_CAPITAL__DRP 24208	189.66 -0.76 -211.84	143.38 -0.41 -155.13	131.05 0.70 -111.21	114.78 0.18 -109.56	81.40 1.31 -50.26	124.45 5.58 0.00	127.98 5.69 0.00	116.49 4.96 -6.89	97.56 3.96 -12.84	32.11 1.71 2.56	15.68 1.13 7.39	-1.11 0.34 8.85	55.12 2.57 4.12	19.14 1.17 6.31	20.52 1.28 7.37	41.94 2.33 6.97	53.32 2.60 1.82	54.09 2.94 8.88	12.31 1.19 13.68	42.26 1.18 -16.75	71.48 3.05 -2.84	125.22 4.93 -9.09	138.90 0.58 -126.81	42.77 1.04 -21.75

NM_CENTRAL___DRP 24181	-4.85 0.38 -16.19	0.52 0.18 -11.68	26.59 -0.31 -7.76	13.27 -0.09 -8.31	33.24 -0.43 -3.84	117.11 -1.76 0.00	120.81 -1.48 0.00	103.41 -1.22 0.00	80.48 -0.60 -0.32	33.80 -0.09 -0.93	22.29 0.01 -0.34	10.64 0.01 -3.23	57.74 -0.43 -1.50	26.53 -0.05 -2.30	29.24 -0.05 -2.69	49.00 -0.13 -2.55	54.96 -0.25 -2.67	63.05 -0.29 -3.30	31.21 -0.04 -6.45	29.45 -0.13 -5.26	68.00 -0.61 -3.03	111.45 -1.46 -1.72	21.63 -0.09 -10.22	22.82 -0.15 -3.00
NM_FRONTIER___DRP 24179	8.23 2.95 -26.70	9.61 1.40 -19.55	30.78 -2.37 -14.02	18.22 -0.62 -13.81	32.89 -3.27 -6.33	105.32 -13.55 0.00	108.26 -14.03 0.00	91.82 -13.22 -0.41	72.03 -10.10 -1.38	30.62 -3.96 -1.63	24.58 -2.05 -4.70	12.50 -0.53 -5.64	54.58 -4.70 -2.62	26.40 -1.88 -4.01	29.19 -2.08 -4.67	47.61 -3.40 -4.43	53.14 -3.93 -4.53	61.14 -4.50 -5.61	33.90 -2.08 -11.18	31.99 -2.31 -9.98	64.04 -6.66 -5.11	102.33 -11.75 -2.88	27.18 -1.19 -16.86	22.92 -2.05 -5.00
NM_ST_REGIS___HYD 24053	-16.61 1.82 -2.99	-15.54 1.15 5.35	-12.44 -1.91 29.68	3.67 -0.45 0.92	29.37 -1.27 -0.81	114.67 -4.19 0.00	118.01 -5.76 -1.49	95.88 -4.61 4.14	58.52 -4.53 17.71	31.11 -2.07 -0.23	-49.91 -1.54 70.30	7.62 -0.41 -0.63	55.63 -2.68 -1.65	19.19 -1.35 3.74	0.48 -1.60 24.53	28.81 -2.69 15.08	47.54 -3.27 1.72	47.15 -3.68 9.19	-12.13 -1.59 35.33	4.86 -1.43 18.04	64.13 -3.22 -1.77	110.20 -4.31 -3.31	0.96 -0.68 9.87	-5.78 -1.19 24.56
NORTHPORT___1 23551	137.97 -2.13 -161.52	105.83 -1.11 -118.28	105.83 1.90 -84.79	89.07 0.50 -83.53	71.30 3.14 -38.32	131.76 12.89 0.00	173.15 13.78 -37.09	152.75 12.01 -36.11	144.26 9.82 -53.68	75.69 4.08 -38.66	135.58 2.74 -110.91	145.46 0.83 -137.22	126.84 6.54 -63.63	124.63 2.81 -97.54	143.60 3.06 -113.93	159.73 5.39 -107.77	159.08 6.15 -100.40	204.68 7.03 -137.62	296.76 2.54 -269.42	234.61 2.58 -207.70	178.69 7.73 -105.37	169.37 12.93 -45.24	129.96 1.41 -117.04	87.62 2.54 -65.10
NORTHPORT___2 23552	137.97 -2.13 -161.52	105.83 -1.11 -118.28	105.83 1.90 -84.79	89.07 0.50 -83.53	71.30 3.14 -38.32	131.76 12.89 0.00	173.15 13.78 -37.09	152.75 12.01 -36.11	144.26 9.82 -53.68	75.69 4.08 -38.66	135.58 2.74 -110.91	145.46 0.83 -137.22	126.84 6.54 -63.63	124.63 2.81 -97.54	143.60 3.06 -113.93	159.73 5.39 -107.77	159.08 6.15 -100.40	204.68 7.03 -137.62	296.76 2.54 -269.42	234.61 2.58 -207.70	178.69 7.73 -105.37	169.37 12.93 -45.24	129.96 1.41 -117.04	87.62 2.54 -65.10
NORTHPORT___3 23553	138.08 -2.03 -161.52	105.89 -1.05 -118.28	105.73 1.80 -84.79	89.05 0.47 -83.53	71.15 2.99 -38.32	131.15 12.28 0.00	172.65 13.28 -37.09	152.23 11.49 -36.11	143.54 9.53 -53.25	75.44 4.03 -38.45	134.65 2.69 -110.03	145.37 0.81 -137.15	126.77 6.48 -63.63	124.60 2.78 -97.54	143.54 3.00 -113.93	159.53 5.19 -107.77	158.83 5.90 -100.40	204.41 6.77 -137.61	296.75 2.53 -269.42	234.56 2.53 -207.70	178.36 7.45 -105.33	168.69 12.49 -45.00	129.94 1.39 -117.04	87.55 2.48 -65.10
NORTHPORT___4 23650	138.08 -2.03 -161.52	105.89 -1.05 -118.28	105.73 1.80 -84.79	89.05 0.47 -83.53	71.15 2.99 -38.32	131.15 12.28 0.00	172.65 13.28 -37.09	152.23 11.49 -36.11	143.54 9.53 -53.25	75.44 4.03 -38.45	134.65 2.69 -110.03	145.37 0.81 -137.15	126.77 6.48 -63.63	124.60 2.78 -97.54	143.54 3.00 -113.93	159.53 5.19 -107.77	158.83 5.90 -100.40	204.41 6.77 -137.61	296.75 2.53 -269.42	234.56 2.53 -207.70	178.36 7.45 -105.33	168.69 12.49 -45.00	129.94 1.39 -117.04	87.55 2.48 -65.10
NORTHPORT___IC 23718	137.97 -2.13 -161.52	105.83 -1.11 -118.28	105.83 1.90 -84.79	89.07 0.50 -83.53	71.30 3.14 -38.32	131.76 12.90 0.00	173.16 13.78 -37.09	152.76 12.02 -36.11	144.27 9.82 -53.68	75.69 4.08 -38.66	135.59 2.74 -110.91	145.46 0.83 -137.22	126.89 6.59 -63.63	124.65 2.83 -97.54	143.69 3.15 -113.93	159.74 5.40 -107.77	159.22 6.29 -100.40	204.75 7.10 -137.62	296.83 2.61 -269.42	234.60 2.57 -207.70	178.78 7.82 -105.37	169.36 12.93 -45.24	129.96 1.42 -117.04	87.62 2.54 -65.10
NORTH___COUNTRY_ESR 323785	-17.74 1.75 -1.93	-17.60 1.27 7.53	-18.88 -1.98 36.03	2.58 -0.53 1.93	28.92 -1.49 -0.58	113.95 -4.92 0.00	121.19 -6.01 -4.91	97.37 -5.19 2.06	58.64 -4.45 17.67	31.73 -1.98 -0.76	12.92 -1.42 7.60	9.04 -0.43 -2.07	59.23 -2.86 -5.42	18.89 -1.45 3.94	4.11 -1.62 20.87	33.60 -2.85 10.13	52.20 -3.10 -2.76	53.24 -3.45 3.33	-6.73 -1.51 30.01	10.30 -1.39 12.64	68.19 -3.21 -5.81	117.09 -5.01 -10.90	2.16 -0.66 8.69	-2.74 -1.13 21.59
NPX_GEN_1385_PROXY 323591	137.97 -2.13 -161.52	105.83 -1.11 -118.28	105.83 1.90 -84.79	89.07 0.50 -83.53	71.30 3.14 -38.32	131.76 12.89 0.00	173.15 13.78 -37.09	152.75 12.01 -36.11	151.51 9.82 -60.93	68.88 4.08 -31.84	135.58 2.74 -110.91	145.46 0.83 -137.22	126.84 6.54 -63.63	124.63 2.81 -97.54	143.60 3.06 -113.93	159.73 5.39 -107.77	159.08 6.15 -100.40	204.68 7.03 -137.62	296.76 2.54 -269.42	234.61 2.58 -207.70	178.69 7.73 -105.37	173.93 12.93 -49.80	129.19 1.41 -116.27	85.05 2.54 -62.53
NPX_GEN_CSC 323557	137.58 -2.52 -161.52	105.63 -1.30 -118.28	106.14 2.21 -84.79	89.15 0.57 -83.53	71.80 3.64 -38.32	134.01 15.14 0.00	175.73 16.35 -37.09	155.08 14.34 -36.11	153.24 11.42 -61.07	68.85 3.99 -31.91	135.73 2.61 -111.18	145.44 0.80 -137.24	126.43 6.14 -63.63	124.46 2.64 -97.54	143.44 2.90 -113.93	159.58 5.23 -107.77	159.38 6.45 -100.40	204.88 7.23 -137.63	296.58 2.36 -269.42	234.46 2.43 -207.70	178.84 7.86 -105.39	174.05 12.98 -49.87	129.17 1.40 -116.27	85.09 2.59 -62.53
NSINS_S___GLNS_FALLS 23858	195.67 -0.96 -218.06	147.82 -0.51 -159.68	134.48 0.87 -114.48	118.03 0.22 -112.77	83.23 1.66 -51.73	126.39 7.52 0.00	130.65 8.37 0.00	123.04 7.58 -10.82	107.60 5.91 -20.93	33.45 2.31 1.82	17.95 1.28 5.27	1.45 0.36 6.31	56.60 2.87 2.93	21.17 1.38 4.49	23.18 1.82 5.25	45.19 3.58 4.96	56.70 4.05 -0.12	58.41 4.70 6.32	20.15 1.96 6.61	57.15 1.87 -30.96	75.40 4.90 -4.91	129.00 7.72 -10.09	143.17 0.73 -130.93	44.58 1.26 -23.33
NUCOR_STEEL___DRP 24197	1.40 -0.01 -22.83	5.35 -0.03 -16.72	31.17 0.04 -11.99	16.86 0.01 -11.81	35.41 0.16 -5.42	119.54 0.67 0.00	123.44 1.16 0.00	105.97 0.99 -0.35	82.98 1.05 -1.17	34.87 0.54 -1.38	24.71 0.45 -2.32	12.33 0.16 -4.76	59.66 0.79 -2.21	28.15 0.48 -3.39	31.12 0.55 -3.96	51.35 1.02 -3.75	57.51 1.12 -3.85	66.17 1.37 -4.78	34.94 0.63 -9.52	33.20 0.38 -8.50	70.60 0.65 -4.35	114.19 0.53 -2.46	26.12 0.16 -14.45	24.51 0.27 -4.27
NUMBER_THREE_WT_PWR 323818	-14.32 0.74 -6.36	-8.34 0.42 -2.58	13.17 -0.70 5.27	7.59 -0.06 -2.61	31.09 -0.28 -1.54	118.66 -0.20 0.00	123.24 0.96 0.00	104.62 1.32 1.33	76.70 0.63 4.69	33.11 0.15 0.00	-2.20 0.02 24.15	7.34 -0.06 0.00	55.57 -1.09 0.00	22.78 -0.53 0.97	-19.33 -0.64 45.30	16.67 -0.75 29.16	46.15 -0.47 5.91	38.20 -0.74 21.08	-37.51 -0.25 62.06	-14.63 -0.36 38.60	64.53 -1.33 -0.26	109.05 -2.47 -0.33	0.85 -0.34 10.31	-21.82 -0.58 41.22
NYISO_LBMP_REFERENCE 24008	-21.42 0.00 0.00	-11.34 0.00 0.00	19.14 0.00 0.00	5.04 0.00 0.00	29.83 0.00 0.00	118.87 0.00 0.00	122.29 0.00 0.00	104.63 0.00 0.00	80.76 0.00 0.00	32.95 0.00 0.00	21.94 0.00 0.00	7.40 0.00 0.00	56.66 0.00 0.00	24.28 0.00 0.00	26.61 0.00 0.00	46.58 0.00 0.00	52.54 0.00 0.00	60.03 0.00 0.00	24.80 0.00 0.00	24.32 0.00 0.00	65.59 0.00 0.00	111.20 0.00 0.00	11.51 0.00 0.00	19.98 0.00 0.00

NYPA_BRENTWD____GT 24164	137.68 -2.42 -161.52	105.68 -1.26 -118.28	106.07 2.14 -84.79	89.13 0.56 -83.53	71.68 3.53 -38.32	133.36 14.49 0.00	175.08 15.71 -37.09	154.52 13.78 -36.11	146.01 11.11 -54.14	76.34 4.51 -38.88	136.78 3.00 -111.84	145.62 0.92 -137.30	127.47 7.18 -63.63	124.92 3.10 -97.54	143.94 3.40 -113.93	160.45 6.10 -107.77	160.01 7.07 -100.40	205.78 8.11 -137.64	297.15 2.93 -269.42	234.93 2.90 -207.70	179.85 8.84 -105.42	171.37 14.68 -45.49	130.12 1.57 -117.04	87.88 2.80 -65.10
NYPA_GOWANUS____GT5 24156	138.19 -1.88 -161.50	107.70 -1.00 -120.03	105.64 1.72 -84.79	96.25 0.45 -90.76	97.51 2.85 -64.82	130.02 11.14 -0.01	134.59 12.18 -0.12	120.94 11.09 -5.22	212.79 9.15 -122.88	134.10 3.91 -97.24	439.12 2.58 -414.60	456.23 0.86 -447.96	423.09 6.49 -359.94	419.97 2.91 -392.78	495.00 3.10 -465.29	811.63 5.47 -759.58	363.27 5.81 -304.92	390.63 6.78 -323.82	532.33 2.76 -504.77	425.86 2.78 -398.75	386.66 7.15 -313.91	426.05 12.24 -302.61	206.28 1.30 -193.47	87.38 2.32 -65.08
NYPA_GOWANUS____GT6 24157	138.19 -1.88 -161.50	107.70 -1.00 -120.03	105.64 1.72 -84.79	96.25 0.45 -90.76	97.51 2.85 -64.82	130.02 11.14 -0.01	134.59 12.18 -0.12	120.94 11.09 -5.22	212.79 9.15 -122.88	134.10 3.91 -97.24	439.12 2.58 -414.60	456.23 0.86 -447.96	423.09 6.49 -359.94	419.97 2.91 -392.78	495.00 3.10 -465.29	811.63 5.47 -759.58	363.27 5.81 -304.92	390.63 6.78 -323.82	532.33 2.76 -504.77	425.86 2.78 -398.75	386.66 7.15 -313.91	426.05 12.24 -302.61	206.28 1.30 -193.47	87.38 2.32 -65.08
NYPA_HARLEM__RVR__GT1 24160	138.37 -1.71 -161.50	106.04 -0.88 -118.26	105.44 1.52 -84.78	88.96 0.40 -83.52	70.69 2.54 -38.31	128.91 10.04 0.00	133.63 11.35 0.00	117.47 10.46 -2.38	132.01 8.59 -42.66	76.10 3.54 -39.60	138.54 2.31 -114.29	145.06 0.78 -136.88	126.18 5.89 -63.63	124.45 2.65 -97.53	143.31 2.80 -113.90	159.20 4.88 -107.74	158.12 5.22 -100.37	203.33 6.08 -137.22	296.62 2.47 -269.36	226.61 2.55 -199.73	176.04 6.61 -103.84	166.68 11.30 -44.18	129.73 1.20 -117.02	87.21 2.15 -65.08
NYPA_HARLEM__RVR__GT2 24161	138.37 -1.71 -161.50	106.04 -0.88 -118.26	105.44 1.52 -84.78	88.96 0.40 -83.52	70.69 2.54 -38.31	128.91 10.04 0.00	133.63 11.35 0.00	117.47 10.46 -2.38	132.01 8.59 -42.66	76.10 3.54 -39.60	138.54 2.31 -114.29	145.06 0.78 -136.88	126.18 5.89 -63.63	124.45 2.65 -97.53	143.31 2.80 -113.90	159.20 4.88 -107.74	158.12 5.22 -100.37	203.33 6.08 -137.22	296.62 2.47 -269.36	226.61 2.55 -199.73	176.04 6.61 -103.84	166.68 11.30 -44.18	129.73 1.20 -117.02	87.21 2.15 -65.08
NYPA_KENT____GT 24152	138.23 -1.84 -161.50	107.02 -0.97 -119.33	105.59 1.66 -84.79	93.37 0.45 -87.89	86.92 2.77 -54.31	129.81 10.93 -0.01	134.22 11.86 -0.07	119.55 10.82 -4.10	136.05 8.95 -46.33	103.16 3.82 -66.38	150.93 2.53 -126.45	156.98 0.84 -148.74	146.03 6.40 -82.97	142.75 2.87 -115.61	157.61 3.04 -127.96	188.93 5.37 -136.99	166.19 5.74 -107.91	210.77 6.66 -144.09	306.42 2.70 -278.93	235.38 2.72 -208.34	184.20 7.03 -111.58	177.26 11.98 -54.08	133.12 1.27 -120.34	87.34 2.28 -65.08
NYPA_POUCH1____GT 24155	138.25 -1.83 -161.50	107.72 -0.97 -120.03	105.61 1.69 -84.79	96.25 0.46 -90.76	97.47 2.82 -64.82	129.70 10.81 -0.01	134.26 11.86 -0.12	120.59 10.74 -5.22	129.01 8.85 -39.40	119.08 3.82 -82.31	122.61 2.50 -98.17	127.79 0.83 -119.55	120.55 6.24 -57.65	117.59 2.82 -90.49	125.44 3.01 -95.82	132.00 5.31 -80.12	146.76 5.58 -88.64	193.10 6.56 -126.51	284.99 2.67 -257.52	217.72 2.70 -190.69	164.26 6.88 -91.79	153.08 11.81 -30.07	126.36 1.28 -113.57	87.32 2.25 -65.08
NYPA_VERNON____GT2 24162	138.28 -1.80 -161.50	106.35 -0.94 -118.63	105.54 1.61 -84.78	90.48 0.42 -85.02	76.32 2.69 -43.79	129.61 10.74 0.00	133.97 11.66 -0.03	118.27 10.67 -2.97	133.98 8.83 -44.39	85.55 3.73 -48.87	145.53 2.49 -121.10	151.24 0.82 -143.01	139.14 6.33 -76.14	135.68 2.82 -108.59	150.41 2.99 -120.82	173.47 5.27 -121.62	162.37 5.65 -104.19	207.25 6.52 -140.69	301.49 2.65 -274.04	230.85 2.66 -203.87	180.26 6.91 -107.76	172.04 11.72 -49.12	131.36 1.24 -118.61	87.30 2.23 -65.08
NYPA_VERNON____GT3 24163	138.28 -1.80 -161.50	106.35 -0.94 -118.63	105.54 1.61 -84.78	90.48 0.42 -85.02	76.32 2.69 -43.79	129.61 10.74 0.00	133.97 11.66 -0.03	118.27 10.67 -2.97	133.98 8.83 -44.39	85.55 3.73 -48.87	145.53 2.49 -121.10	151.24 0.82 -143.01	139.14 6.33 -76.14	135.68 2.82 -108.59	150.41 2.99 -120.82	173.47 5.27 -121.62	162.37 5.65 -104.19	207.25 6.52 -140.69	301.49 2.65 -274.04	230.85 2.66 -203.87	180.26 6.91 -107.76	172.04 11.72 -49.12	131.36 1.24 -118.61	87.30 2.23 -65.08
NYPA__ASTORIA_CC1 323568	138.31 -1.77 -161.50	105.99 -0.93 -118.26	105.51 1.59 -84.78	88.99 0.43 -83.52	70.81 2.66 -38.31	129.40 10.53 0.00	133.70 11.42 0.00	117.49 10.47 -2.38	132.11 8.69 -42.66	76.23 3.66 -39.60	139.71 2.45 -115.32	145.33 0.81 -137.13	131.60 6.23 -68.71	128.42 2.78 -101.36	143.43 2.93 -113.90	159.48 5.16 -107.74	158.45 5.54 -100.37	203.62 6.38 -137.22	296.74 2.58 -269.36	226.67 2.61 -199.73	176.21 6.77 -103.84	166.87 11.49 -44.18	129.75 1.22 -117.02	87.26 2.20 -65.08
NYPA__ASTORIA_CC2 323569	138.31 -1.77 -161.50	105.99 -0.93 -118.26	105.51 1.59 -84.78	88.99 0.43 -83.52	70.81 2.66 -38.31	129.40 10.53 0.00	133.70 11.42 0.00	117.49 10.47 -2.38	132.11 8.69 -42.66	76.23 3.66 -39.60	139.71 2.45 -115.32	145.33 0.81 -137.13	131.60 6.23 -68.71	128.42 2.78 -101.36	143.43 2.93 -113.90	159.48 5.16 -107.74	158.45 5.54 -100.37	203.62 6.38 -137.22	296.74 2.58 -269.36	226.67 2.61 -199.73	176.21 6.77 -103.84	166.87 11.49 -44.18	129.75 1.22 -117.02	87.26 2.20 -65.08
NYPA__HOLTSVILL 23794	137.78 -2.32 -161.52	105.73 -1.21 -118.28	105.99 2.05 -84.79	89.11 0.53 -83.53	71.53 3.38 -38.32	132.87 14.00 0.00	174.47 15.09 -37.09	153.94 13.20 -36.11	145.17 10.61 -53.80	75.86 4.19 -38.71	135.86 2.79 -111.14	145.50 0.85 -137.24	126.91 6.61 -63.63	124.66 2.84 -97.54	143.65 3.11 -113.93	159.94 5.60 -107.77	159.50 6.56 -100.40	205.09 7.43 -137.63	296.74 2.52 -269.42	234.61 2.58 -207.70	179.10 8.12 -105.39	169.96 13.46 -45.30	130.00 1.45 -117.04	87.70 2.63 -65.10
NYPA__HELLGATE_GT1 24158	138.37 -1.71 -161.50	106.04 -0.88 -118.26	105.44 1.52 -84.78	88.96 0.40 -83.52	70.69 2.54 -38.31	128.91 10.04 0.00	133.63 11.35 0.00	117.47 10.46 -2.38	132.01 8.59 -42.66	76.10 3.54 -39.60	138.54 2.31 -114.29	145.06 0.78 -136.88	126.18 5.89 -63.63	124.45 2.65 -97.53	143.31 2.80 -113.90	159.20 4.88 -107.74	158.12 5.22 -100.37	203.33 6.08 -137.22	296.62 2.47 -269.36	226.61 2.55 -199.73	176.04 6.61 -103.84	166.68 11.30 -44.18	129.73 1.20 -117.02	87.21 2.15 -65.08
NYPA__HELLGATE_GT2 24159	138.37 -1.71 -161.50	106.04 -0.88 -118.26	105.44 1.52 -84.78	88.96 0.40 -83.52	70.69 2.54 -38.31	128.91 10.04 0.00	133.63 11.35 0.00	117.47 10.46 -2.38	132.01 8.59 -42.66	76.10 3.54 -39.60	138.54 2.31 -114.29	145.06 0.78 -136.88	126.18 5.89 -63.63	124.45 2.65 -97.53	143.31 2.80 -113.90	159.20 4.88 -107.74	158.12 5.22 -100.37	203.33 6.08 -137.22	296.62 2.47 -269.36	226.61 2.55 -199.73	176.04 6.61 -103.84	166.68 11.30 -44.18	129.73 1.20 -117.02	87.21 2.15 -65.08
NYS_BARGE__HYD 23848	7.27 2.62 -26.07	8.98 1.24 -19.09	30.73 -2.10 -13.68	17.97 -0.55 -13.48	33.18 -2.84 -6.18	107.07 -11.80 0.00	110.36 -11.93 0.00	93.76 -11.27 -0.40	73.56 -8.54 -1.34	31.23 -3.31 -1.59	24.93 -1.60 -4.58	12.49 -0.40 -5.49	55.40 -3.81 -2.55	26.77 -1.41 -3.90	29.69 -1.47 -4.56	48.34 -2.56 -4.32	54.32 -2.63 -4.42	60.96 -3.31 -4.25	34.11 -1.60 -10.91	32.16 -1.90 -9.74	65.27 -5.31 -4.99	104.15 -9.86 -2.81	26.98 -1.00 -16.48	23.11 -1.75 -4.88

OAK ORCHARD___HYD 24046	1.44 1.28 -21.58	5.05 0.59 -15.80	29.45 -1.01 -11.33	15.93 -0.27 -11.16	33.61 -1.35 -5.12	113.37 -5.50 0.00	117.00 -5.28 0.00	99.98 -4.97 -0.32	78.26 -3.59 -1.09	32.93 -1.32 -1.30	25.17 -0.51 -3.75	11.79 -0.09 -4.48	57.40 -1.35 -2.09	27.10 -0.38 -3.20	29.95 -0.38 -3.74	49.43 -0.67 -3.53	55.54 -0.62 -3.63	63.00 -0.85 -3.82	33.29 -0.46 -8.96	31.62 -0.69 -8.00	67.61 -2.08 -4.10	109.27 -4.25 -2.32	24.75 -0.42 -13.66	23.27 -0.74 -4.03
OAKDALE___35_KV_LOAD 356122	34.12 0.21 -55.33	29.27 0.10 -40.52	48.02 -0.17 -29.05	33.62 -0.04 -28.61	42.90 -0.06 -13.13	118.64 -0.23 0.00	122.26 -0.02 0.00	105.53 -0.06 -0.95	84.18 0.32 -3.10	36.63 0.21 -3.46	32.16 0.24 -9.98	19.45 0.08 -11.96	62.69 0.46 -5.56	33.11 0.31 -8.52	36.94 0.38 -9.95	56.79 0.79 -9.42	62.89 0.72 -9.63	72.76 0.75 -11.98	49.10 0.40 -23.91	45.99 0.23 -21.44	76.80 0.37 -10.84	117.39 0.12 -6.07	46.69 0.06 -35.12	30.57 0.10 -10.49
OCC_CHEM___DRP 24175	8.22 2.91 -26.74	9.62 1.38 -19.58	30.84 -2.34 -14.03	18.25 -0.61 -13.83	32.96 -3.22 -6.34	105.52 -13.35 0.00	108.48 -13.80 0.00	92.01 -13.03 -0.41	72.19 -9.95 -1.38	30.69 -3.89 -1.63	24.64 -2.00 -4.70	12.53 -0.51 -5.64	54.69 -4.59 -2.62	26.46 -1.83 -4.01	29.26 -2.03 -4.68	47.71 -3.31 -4.44	53.25 -3.82 -4.54	61.28 -4.37 -5.62	33.97 -2.03 -11.20	32.06 -2.26 -9.99	64.19 -6.52 -5.12	102.56 -11.52 -2.89	27.23 -1.16 -16.89	22.97 -2.01 -5.00
OH_GEN_PROXY 24063	7.61 2.63 -26.41	9.24 1.24 -19.34	30.90 -2.10 -13.86	18.15 -0.55 -13.66	33.20 -2.90 -6.27	106.87 -11.99 0.00	109.94 -12.35 0.00	17.86 -11.65 75.12	80.56 -8.81 -8.61	24.30 -3.45 5.21	24.90 -1.69 -4.65	12.61 -0.43 -5.63	-467.45 -3.96 520.15	26.81 -1.48 -4.01	29.72 -1.57 -4.68	48.30 -2.71 -4.43	54.08 -2.95 -4.50	60.42 -3.71 -4.10	34.13 -1.76 -11.09	32.17 -2.04 -9.89	65.03 -5.63 -5.07	108.34 -10.28 -7.42	26.44 -1.03 -15.96	20.57 -1.79 -2.38
OLIN_CORP_DRP 24177	8.50 2.93 -27.00	9.82 1.40 -19.77	30.95 -2.36 -14.17	18.38 -0.62 -13.96	33.01 -3.23 -6.40	105.49 -13.37 0.00	108.52 -13.76 0.00	92.05 -13.00 -0.41	72.23 -9.92 -1.39	30.72 -3.88 -1.65	24.68 -2.01 -4.75	12.58 -0.52 -5.70	54.65 -4.66 -2.65	26.46 -1.86 -4.05	29.28 -2.06 -4.73	47.71 -3.35 -4.48	53.29 -3.83 -4.59	61.34 -4.37 -5.68	34.10 -2.02 -11.32	32.16 -2.26 -10.10	64.22 -6.53 -5.17	102.55 -11.56 -2.92	27.39 -1.18 -17.06	23.00 -2.03 -5.05
OLIN_CORP_DSASP 323712	8.23 2.91 -26.74	9.62 1.38 -19.58	30.84 -2.34 -14.03	18.26 -0.61 -13.83	32.95 -3.22 -6.34	105.53 -13.34 0.00	108.50 -13.79 0.00	92.06 -12.98 -0.41	72.20 -9.94 -1.38	30.69 -3.89 -1.63	24.69 -1.95 -4.70	12.54 -0.51 -5.64	54.73 -4.56 -2.62	26.54 -1.75 -4.01	29.44 -1.85 -4.68	47.77 -3.25 -4.44	53.59 -3.48 -4.54	59.95 -4.33 -4.25	33.97 -2.03 -11.20	32.02 -2.30 -9.99	64.39 -6.31 -5.11	102.55 -11.53 -2.89	27.23 -1.16 -16.89	22.97 -2.01 -5.00
ONEIDA_HERK_LFGE 323681	-15.96 -0.08 -5.54	-8.19 -0.02 -3.18	18.46 0.05 0.73	7.69 0.07 -2.57	31.62 0.47 -1.33	121.40 2.54 0.00	125.76 3.47 0.00	107.54 3.28 0.37	81.96 2.51 1.30	33.97 1.01 0.00	11.59 0.66 11.01	7.58 0.18 0.00	57.76 1.09 0.00	24.49 0.48 0.27	41.05 0.53 -13.91	56.58 1.13 -8.88	55.90 1.43 -1.93	68.11 1.53 -6.55	44.17 0.67 -18.71	37.47 0.58 -12.57	67.11 1.29 -0.23	113.35 1.86 -0.29	18.74 0.14 -7.09	33.42 0.25 -13.18
ONEIDA___115KV_TB4 55905	-11.43 -0.46 -10.45	-4.27 -0.26 -7.32	23.70 0.44 -4.12	10.46 0.13 -5.29	33.21 0.89 -2.48	122.89 4.02 0.00	127.11 4.82 0.00	108.94 4.31 0.00	84.36 3.60 0.00	34.46 1.51 0.00	18.35 1.03 4.62	7.73 0.33 0.00	58.90 2.24 0.00	25.33 1.06 0.00	32.84 1.20 -5.03	52.04 2.24 -3.22	55.90 2.48 -0.88	65.04 2.67 -2.34	32.73 1.14 -6.80	30.22 1.01 -4.88	68.50 2.47 -0.44	115.44 3.69 -0.55	19.58 0.37 -7.70	26.39 0.63 -5.78
ONONDAGA_REF_OCCRA 23987	-1.17 0.20 -20.05	3.27 0.09 -14.52	28.86 -0.15 -9.87	15.31 -0.04 -10.32	34.42 -0.17 -4.76	118.15 -0.72 0.00	121.93 -0.35 0.00	104.39 -0.24 0.00	81.20 0.02 -0.42	34.31 0.14 -1.21	23.61 0.15 -1.51	11.64 0.05 -4.18	58.61 0.00 -1.95	27.39 0.13 -2.98	30.24 0.15 -3.48	50.14 0.27 -3.29	56.20 0.31 -3.36	64.55 0.36 -4.16	33.15 0.23 -8.13	31.05 0.12 -6.61	69.44 0.05 -3.80	112.97 -0.38 -2.15	24.20 0.01 -12.68	23.74 0.03 -3.74
ONONDAGA___COGEN 23986	-2.10 0.18 -19.14	2.60 0.08 -13.86	28.41 -0.14 -9.41	14.85 -0.04 -9.85	34.22 -0.16 -4.54	118.13 -0.74 0.00	121.90 -0.39 0.00	104.33 -0.31 0.00	81.13 -0.02 -0.40	34.24 0.14 -1.14	23.46 0.15 -1.36	11.41 0.05 -3.95	58.45 -0.06 -1.83	27.21 0.12 -2.81	30.02 0.12 -3.29	49.90 0.21 -3.11	55.94 0.20 -3.20	64.27 0.28 -3.96	32.72 0.19 -7.74	30.69 0.07 -6.29	69.14 -0.07 -3.62	112.72 -0.53 -2.05	23.63 0.02 -12.11	23.57 0.03 -3.56
ONTARIO___LFGE 23819	5.05 0.48 -25.99	7.90 0.21 -19.04	32.42 -0.37 -13.65	18.39 -0.09 -13.44	35.61 -0.39 -6.17	116.29 -2.58 0.00	119.93 -2.36 0.00	103.06 -1.97 -0.40	81.17 -0.93 -1.34	34.52 -0.01 -1.58	26.74 0.23 -4.56	12.98 0.11 -5.46	59.26 0.06 -2.54	28.42 0.25 -3.89	31.46 0.31 -4.55	51.54 0.67 -4.30	57.72 0.77 -4.42	66.27 0.77 -5.48	36.23 0.52 -10.91	34.33 0.27 -9.73	70.53 -0.05 -4.98	112.42 -1.59 -2.81	27.95 -0.02 -16.46	24.81 -0.05 -4.88
ORANGEVILLE_WT_PWR 323706	12.80 2.00 -32.22	13.21 0.95 -23.59	34.45 -1.60 -16.91	21.27 -0.44 -16.66	35.12 -2.36 -7.64	108.51 -10.36 0.00	112.12 -10.17 0.00	95.75 -9.38 -0.50	75.69 -6.76 -1.68	32.49 -2.45 -1.98	26.44 -1.21 -5.71	13.90 -0.36 -6.85	56.35 -3.50 -3.18	27.90 -1.25 -4.88	30.98 -1.31 -5.69	50.12 -1.85 -5.39	56.29 -1.76 -5.52	64.14 -2.17 -6.29	37.39 -1.04 -13.63	35.14 -1.35 -12.16	67.79 -4.01 -6.21	106.79 -7.90 -3.50	31.13 -0.77 -20.39	24.72 -1.32 -6.06
ORANGEVILLE___ESR 323794	12.80 2.00 -32.22	13.21 0.95 -23.59	34.45 -1.60 -16.91	21.27 -0.44 -16.66	35.12 -2.36 -7.64	108.51 -10.36 0.00	112.12 -10.17 0.00	95.75 -9.38 -0.50	75.69 -6.76 -1.68	32.49 -2.45 -1.98	26.44 -1.21 -5.71	13.90 -0.36 -6.85	56.35 -3.50 -3.18	27.90 -1.25 -4.88	30.98 -1.31 -5.69	50.12 -1.85 -5.39	56.29 -1.76 -5.52	64.14 -2.17 -6.29	37.39 -1.04 -13.63	35.14 -1.35 -12.16	67.79 -4.01 -6.21	106.79 -7.90 -3.50	31.13 -0.77 -20.39	24.72 -1.32 -6.06
OSWEGATCHIE___HYD 24044	-14.92 1.52 -4.98	-11.71 0.89 1.26	-0.10 -1.49 17.75	5.71 -0.30 -0.97	30.01 -1.07 -1.25	115.55 -3.32 0.00	118.76 -3.52 0.00	98.56 -2.56 3.52	65.67 -2.74 12.35	31.68 -1.28 0.00	-34.69 -1.00 55.64	7.09 -0.31 0.00	54.09 -2.57 0.00	20.52 -1.21 2.55	-6.21 -1.44 31.38	23.85 -2.27 20.45	45.86 -2.47 4.21	42.84 -2.83 14.36	-20.50 -1.18 44.12	-2.32 -1.15 25.50	62.85 -2.93 -0.19	107.02 -4.42 -0.24	2.49 -0.62 8.40	-10.66 -1.10 29.55
OSWEGO___5 23606	-11.04 0.73 -9.65	-3.90 0.37 -7.06	23.57 -0.63 -5.07	9.86 -0.17 -4.99	31.14 -0.98 -2.29	114.80 -4.06 0.00	118.17 -4.12 0.00	101.02 -3.61 0.00	78.06 -2.70 0.00	31.97 -0.98 0.00	21.33 -0.61 0.00	7.19 -0.22 0.00	54.49 -2.17 0.00	23.44 -0.83 0.00	25.69 -0.92 0.00	44.84 -1.74 0.00	50.81 -1.93 -0.20	57.79 -2.24 0.00	23.92 -0.88 0.00	23.90 -0.90 -0.47	63.54 -2.46 -0.41	107.52 -4.19 -0.52	16.98 -0.34 -5.82	20.51 -0.59 -1.12

OSWEGO___6 23613	-11.04 0.73 -9.65	-3.90 0.37 -7.06	23.57 -0.63 -5.07	9.86 -0.17 -4.99	31.14 -0.98 -2.29	114.80 -4.06 0.00	118.17 -4.12 0.00	101.02 -3.61 0.00	78.06 -2.70 0.00	31.97 -0.98 0.00	21.33 -0.61 0.00	7.19 -0.22 0.00	54.49 -2.17 0.00	23.44 -0.83 0.00	25.69 -0.92 0.00	44.84 -1.74 0.00	50.81 -1.93 -0.20	57.79 -2.24 0.00	23.92 -0.88 0.00	23.90 -0.90 -0.47	63.54 -2.46 -0.41	107.52 -4.19 -0.52	16.98 -0.34 -5.82	20.51 -0.59 -1.12
OUTOKUMPU-AB___DRP 24206	8.15 2.37 -27.21	9.68 1.10 -19.92	31.56 -1.86 -14.28	18.62 -0.49 -14.07	33.78 -2.51 -6.45	108.40 -10.47 0.00	111.68 -10.60 0.00	94.96 -10.09 -0.42	74.59 -7.57 -1.40	31.72 -2.89 -1.66	25.38 -1.35 -4.79	12.84 -0.31 -5.75	56.22 -3.11 -2.67	27.19 -1.17 -4.09	30.09 -1.29 -4.77	49.13 -1.97 -4.52	54.86 -2.30 -4.62	63.22 -2.54 -5.73	34.94 -1.27 -11.41	32.97 -1.54 -10.18	66.17 -4.63 -5.21	105.76 -8.38 -2.94	27.85 -0.85 -17.19	23.59 -1.49 -5.09
OXBOW___BTM 323836	8.15 2.59 -26.98	9.63 1.21 -19.76	31.24 -2.06 -14.16	18.45 -0.54 -13.95	33.43 -2.80 -6.40	107.21 -11.65 0.00	110.39 -11.90 0.00	93.80 -11.24 -0.41	73.61 -8.54 -1.39	31.29 -3.31 -1.65	25.12 -1.57 -4.75	12.71 -0.38 -5.69	55.64 -3.67 -2.65	26.97 -1.35 -4.05	29.91 -1.41 -4.72	48.60 -2.46 -4.48	54.54 -2.58 -4.58	61.07 -3.26 -4.30	34.53 -1.58 -11.31	32.54 -1.87 -10.09	65.55 -5.21 -5.16	104.42 -9.69 -2.91	27.57 -0.98 -17.04	23.32 -1.71 -5.05
OXBOW____ 24026	8.15 2.59 -26.98	9.63 1.21 -19.76	31.24 -2.06 -14.16	18.45 -0.54 -13.95	33.43 -2.81 -6.40	107.21 -11.65 0.00	110.37 -11.92 0.00	93.74 -11.30 -0.41	73.60 -8.56 -1.39	31.29 -3.31 -1.65	25.07 -1.62 -4.75	12.71 -0.39 -5.69	55.60 -3.71 -2.65	26.88 -1.44 -4.05	29.73 -1.59 -4.72	48.53 -2.52 -4.48	54.19 -2.93 -4.58	62.41 -3.30 -5.68	34.53 -1.58 -11.31	32.57 -1.84 -10.09	65.34 -5.41 -5.16	104.47 -9.65 -2.91	27.57 -0.98 -17.04	23.33 -1.70 -5.05
OXY_CHEM_DSASP 323612	8.22 2.91 -26.74	9.62 1.38 -19.58	30.84 -2.34 -14.03	18.25 -0.61 -13.83	32.96 -3.22 -6.34	105.52 -13.35 0.00	108.48 -13.80 0.00	92.01 -13.03 -0.41	72.19 -9.95 -1.38	30.69 -3.89 -1.63	24.64 -2.00 -4.70	12.53 -0.51 -5.64	54.69 -4.59 -2.62	26.46 -1.83 -4.01	29.26 -2.03 -4.68	47.71 -3.31 -4.44	53.25 -3.82 -4.54	61.28 -4.37 -5.62	33.97 -2.03 -11.20	32.06 -2.26 -9.99	64.19 -6.52 -5.12	102.56 -11.52 -2.89	27.23 -1.16 -16.89	22.97 -2.01 -5.00
OZONE_PARK_ESR 323760	138.15 -1.92 -161.49	105.90 -1.01 -118.25	105.64 1.72 -84.78	89.01 0.45 -83.52	71.00 2.86 -38.31	130.51 11.64 0.00	134.91 12.63 0.00	118.50 11.49 -2.38	132.93 9.45 -42.72	76.54 3.98 -39.60	138.87 2.66 -114.27	145.14 0.88 -136.86	126.99 6.71 -63.61	124.79 3.01 -97.51	143.74 3.25 -113.89	159.94 5.63 -107.73	159.14 6.24 -100.36	204.34 7.11 -137.20	296.98 2.85 -269.33	226.89 7.60 -199.71	177.02 12.72 -103.83	168.09 1.33 -44.18	129.85 2.36 -117.01	87.42 2.36 -65.07
PACKARD_I15_KV_ADAMS_I87_REV_LBMP_A 345013	8.22 2.91 -26.74	9.62 1.38 -19.58	30.84 -2.34 -14.03	18.25 -0.61 -13.83	32.96 -3.22 -6.34	105.52 -13.35 0.00	108.48 -13.80 0.00	92.01 -13.03 -0.41	72.19 -9.95 -1.38	30.69 -3.89 -1.63	24.64 -2.00 -4.70	12.53 -0.51 -5.64	54.69 -4.59 -2.62	26.46 -1.83 -4.01	29.26 -2.03 -4.68	47.71 -3.31 -4.44	53.25 -3.82 -4.54	61.28 -4.37 -5.62	33.97 -2.03 -11.20	32.06 -2.26 -9.99	64.19 -6.52 -5.12	102.56 -11.52 -2.89	27.23 -1.16 -16.89	22.97 -2.01 -5.00
PACKARD___I15KV_DUPONT_I84 80571	8.22 2.91 -26.74	9.62 1.38 -19.58	30.84 -2.34 -14.03	18.25 -0.61 -13.83	32.96 -3.22 -6.34	105.52 -13.35 0.00	108.48 -13.80 0.00	92.01 -13.03 -0.41	72.19 -9.95 -1.38	30.69 -3.89 -1.63	24.64 -2.00 -4.70	12.53 -0.51 -5.64	54.69 -4.59 -2.62	26.46 -1.83 -4.01	29.26 -2.03 -4.68	47.71 -3.31 -4.44	53.25 -3.82 -4.54	61.28 -4.37 -5.62	33.97 -2.03 -11.20	32.06 -2.26 -9.99	64.19 -6.52 -5.12	102.56 -11.52 -2.89	27.23 -1.16 -16.89	22.97 -2.01 -5.00
PARKCHTR_I38_KV_TB2S_REV_LBMP_J 345007	138.37 -1.71 -161.50	106.03 -0.89 -118.26	105.44 1.52 -84.78	88.96 0.40 -83.52	70.69 2.54 -38.31	128.95 10.08 0.00	133.68 11.39 0.00	117.53 10.52 -2.38	132.05 8.63 -42.66	76.12 3.55 -39.60	138.56 2.33 -114.29	145.05 0.77 -136.88	126.16 5.87 -63.63	124.44 2.64 -97.53	143.37 2.86 -113.90	159.23 4.92 -107.74	158.37 5.46 -100.37	203.48 6.23 -137.22	296.65 2.49 -269.36	226.59 2.53 -199.73	176.12 6.69 -103.84	166.59 11.22 -44.18	129.72 1.19 -117.02	87.19 2.13 -65.08
PARKCHTR_I3_KV_CPCTY_REV_LBMP_J 345019	138.24 -1.84 -161.50	105.95 -0.97 -118.26	105.57 1.65 -84.78	89.00 0.44 -83.52	70.90 2.76 -38.31	129.93 11.06 0.00	134.87 12.58 0.00	118.51 11.50 -2.38	132.71 9.29 -42.66	76.39 3.83 -39.60	138.68 2.45 -114.29	145.10 0.81 -136.88	126.50 6.21 -63.63	124.59 2.78 -97.53	143.50 2.99 -113.90	159.51 5.19 -107.74	158.78 5.87 -100.37	203.94 6.69 -137.22	296.85 2.69 -269.36	226.78 2.72 -199.73	176.62 7.19 -103.84	167.37 11.99 -44.18	129.81 1.28 -117.02	87.33 2.27 -65.08
PATROON___I15KV_TB1 80586	190.88 -0.83 -213.13	144.29 -0.44 -156.07	131.77 0.75 -111.89	115.46 0.20 -110.22	81.77 1.38 -50.56	124.73 5.87 0.00	128.34 6.05 0.00	117.50 5.28 -7.60	99.21 4.20 -14.25	32.22 1.81 2.54	15.80 1.20 7.33	-1.01 0.37 8.78	55.33 2.75 4.08	19.26 1.25 6.26	20.64 1.34 7.31	42.10 2.44 6.91	53.54 2.75 1.74	54.34 3.12 8.81	12.89 1.27 13.17	44.36 1.25 -18.78	71.76 3.23 -2.94	125.57 5.19 -9.18	139.72 0.61 -127.60	42.99 1.09 -21.92
PATTRSNVILLE___SOLAR 323815	201.88 -0.79 -224.09	152.35 -0.41 -164.09	137.47 0.69 -117.64	121.11 0.18 -115.89	84.22 1.22 -53.16	124.06 5.19 0.00	127.95 5.66 0.00	121.04 5.03 -11.37	106.46 3.87 -21.83	32.08 1.50 2.38	15.96 0.88 6.86	-0.55 0.27 8.22	54.90 2.05 3.82	19.36 0.94 5.86	20.99 1.22 6.84	42.50 2.39 6.47	54.27 2.85 1.11	55.09 3.30 8.24	16.10 1.37 10.06	55.78 1.33 -30.13	72.83 3.42 -3.82	126.64 5.53 -9.92	146.36 0.55 -134.31	44.34 0.97 -23.39
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	10.01 1.75 -29.69	11.20 0.80 -21.74	33.38 -1.34 -15.58	20.05 -0.35 -15.35	35.21 -1.67 -7.04	111.88 -6.99 0.00	115.02 -7.26 0.00	97.99 -7.10 -0.46	77.22 -5.09 -1.54	32.90 -1.88 -1.82	26.46 -0.73 -5.25	13.58 -0.12 -6.30	58.03 -1.56 -2.93	28.27 -0.49 -4.48	31.31 -0.52 -5.23	50.95 -0.59 -4.95	56.76 -0.84 -5.07	65.44 -0.87 -6.28	36.72 -0.59 -12.51	34.55 -0.93 -11.16	68.22 -3.07 -5.71	108.91 -5.51 -3.22	29.72 -0.57 -18.78	24.59 -0.96 -5.57
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	139.72 -1.83 -162.97	107.05 -0.95 -119.34	106.32 1.62 -85.55	89.75 0.43 -84.28	71.25 2.75 -38.66	130.22 11.35 0.00	134.59 12.30 0.00	118.00 10.94 -2.43	114.86 9.16 -24.95	76.19 3.94 -39.29	138.00 2.67 -113.38	144.05 0.85 -135.80	126.27 6.49 -63.12	123.95 2.91 -96.76	142.89 3.06 -113.22	159.10 5.43 -107.10	158.49 6.13 -99.83	203.53 7.10 -136.40	295.50 2.92 -267.79	226.03 2.87 -198.84	176.52 7.60 -103.33	167.69 12.44 -44.05	130.58 1.28 -117.79	87.19 2.24 -64.98
PEEKSKILL____ 23653	136.94 -1.49 -159.85	104.94 -0.78 -117.05	104.39 1.33 -83.92	88.06 0.35 -82.67	70.03 2.27 -37.92	128.14 9.27 0.00	132.28 10.00 0.00	115.85 8.86 -2.36	134.81 7.31 -46.75	74.97 3.08 -38.93	136.34 2.05 -112.35	142.63 0.67 -134.56	124.38 5.18 -62.54	122.46 2.32 -95.87	141.08 2.50 -111.97	156.96 4.47 -105.91	156.08 4.85 -98.69	200.53 5.61 -134.89	291.90 2.30 -264.80	223.08 2.31 -196.45	173.74 6.02 -102.13	164.77 10.08 -43.49	128.25 1.05 -115.70	85.96 1.88 -64.11

PGE MADISON___WINDPWR 24146	31.34 -0.67 -53.44	27.43 -0.36 -39.13	47.80 0.60 -28.05	32.86 0.19 -27.64	43.90 1.39 -12.68	124.52 5.65 0.00	129.71 7.42 0.00	112.93 7.15 -1.15	89.85 5.63 -3.46	38.29 1.98 -3.35	32.90 1.29 -9.68	19.35 0.35 -11.59	65.25 3.19 -5.39	33.93 1.40 -8.26	37.85 1.60 -9.64	59.03 3.33 -9.12	65.78 3.92 -9.33	76.64 4.73 -11.88	50.11 2.01 -23.30	47.52 1.80 -21.39	80.51 4.43 -10.50	123.72 6.64 -5.87	46.01 0.58 -33.92	31.07 0.94 -10.15
PIERCEFIELD___HYD 23852	-16.28 1.96 -3.19	-15.11 1.19 4.95	-11.37 -1.99 28.52	3.84 -0.46 0.74	29.31 -1.38 -0.85	114.18 -4.69 0.00	115.86 -6.43 0.00	94.20 -5.12 5.32	57.00 -5.08 18.68	30.63 -2.33 0.00	-61.81 -1.74 82.01	6.95 -0.46 0.00	53.63 -3.04 0.00	18.94 -1.48 3.85	-0.36 -1.77 25.19	26.94 -2.98 16.67	45.23 -3.74 3.57	44.53 -4.21 11.29	-13.52 -1.81 36.50	3.25 -1.62 19.46	61.90 -3.69 0.00	106.27 -4.93 0.00	0.51 -0.74 10.26	-6.47 -1.33 25.12
PINELAWN_CC_1 323563	137.91 -2.19 -161.52	105.80 -1.14 -118.28	105.88 1.95 -84.79	89.08 0.51 -83.53	71.36 3.21 -38.32	132.04 13.17 0.00	173.67 14.30 -37.09	153.37 12.63 -36.11	146.72 10.28 -55.67	76.83 4.27 -39.61	139.73 2.84 -114.95	145.82 0.87 -137.55	127.06 6.76 -63.63	124.74 2.92 -97.54	143.75 3.21 -113.93	160.12 5.78 -107.77	159.55 6.62 -100.40	205.31 7.60 -137.68	297.08 2.86 -269.42	234.90 2.88 -207.70	179.53 8.34 -105.60	171.42 13.88 -46.34	130.03 1.48 -117.04	87.73 2.65 -65.10
PJM_GEN_HTP_PROXY 323702	138.40 -1.65 -161.47	106.04 -0.86 -118.24	105.40 1.49 -84.77	88.94 0.39 -83.51	70.63 2.49 -38.31	129.02 10.15 0.00	133.24 10.95 0.00	116.93 9.91 -2.38	140.06 8.20 -51.09	76.02 3.48 -39.59	135.01 2.32 -110.75	144.58 0.76 -136.41	126.14 5.88 -63.60	124.40 2.63 -97.49	143.28 2.81 -113.86	159.25 4.97 -107.71	158.24 5.36 -100.35	203.36 6.15 -137.17	296.56 2.48 -269.28	226.49 2.49 -199.68	175.94 6.54 -103.81	170.06 11.05 -47.81	129.66 1.16 -117.00	87.12 2.08 -65.06
PJM_GEN_KEystone 24065	46.34 0.13 -67.63	49.37 0.05 -60.66	55.38 -0.07 -36.31	43.44 -0.01 -38.41	50.92 0.19 -20.89	65.01 0.62 54.48	111.31 0.73 11.70	88.05 0.35 16.93	45.11 0.74 36.40	54.54 0.41 -21.17	67.19 0.47 -44.79	68.15 0.19 -60.56	65.08 1.28 -7.14	32.55 0.69 -7.59	62.97 0.75 -35.62	80.99 1.45 -32.96	66.06 1.32 -12.21	72.46 1.37 -11.06	161.08 0.58 -135.70	121.75 0.43 -96.99	87.83 0.90 -21.34	84.68 1.20 27.71	62.34 0.16 -50.67	38.84 0.33 -18.53
PJM_GEN_NEPTUNE_PROXY 323594	138.27 -1.84 -161.52	105.99 -0.95 -118.28	105.57 1.64 -84.79	89.00 0.43 -83.53	70.89 2.74 -38.32	130.06 11.20 0.00	171.46 12.08 -37.09	151.44 10.70 -36.11	150.06 8.84 -60.46	74.69 3.80 -37.94	128.83 2.55 -104.34	144.73 0.78 -136.55	126.45 6.15 -63.63	124.47 2.65 -97.54	143.41 2.88 -113.93	159.46 5.11 -107.77	158.66 5.72 -100.40	204.16 6.55 -137.58	296.76 2.54 -269.42	234.23 2.58 -207.33	178.05 7.26 -105.21	171.41 12.16 -48.05	129.83 1.28 -117.04	87.38 2.31 -65.10
PJM_GEN_VFT_PROXY 323633	138.54 -1.53 -161.49	106.10 -0.81 -118.25	105.31 1.39 -84.78	88.92 0.37 -83.52	70.49 2.34 -38.31	128.37 9.50 0.00	132.60 10.32 0.00	116.43 9.42 -2.38	139.55 7.79 -50.99	75.41 3.33 -39.13	134.92 2.21 -110.77	144.57 0.73 -136.44	125.89 5.61 -63.61	124.29 2.51 -97.51	143.13 2.63 -113.89	157.88 4.63 -106.68	155.24 4.94 -97.77	202.91 5.68 -137.20	296.41 2.29 -269.33	226.35 2.31 -199.71	173.20 6.03 -101.58	165.30 10.27 -43.83	129.21 1.10 -116.60	87.03 1.97 -65.07
PLATSBURG_115KV_PMLD1 355749	-20.88 1.40 0.86	-19.94 1.12 9.72	-20.74 -1.73 38.14	1.16 -0.46 3.42	28.55 -1.21 0.08	115.14 -3.73 0.00	54.38 -5.15 62.75	35.54 -4.56 64.53	-16.34 -4.03 93.07	21.52 -1.73 9.71	-3.13 -1.29 23.77	-19.54 -0.40 26.54	-15.50 -2.60 69.57	7.58 -1.27 15.43	4.76 -1.38 20.47	-19.56 -2.46 63.68	-27.77 -2.72 77.58	-26.49 -3.02 83.50	-22.32 -1.30 45.81	-23.05 -1.20 46.17	-11.58 -2.65 74.53	-32.74 -4.13 139.82	-11.41 -0.58 22.34	-3.18 -0.89 22.27
PLEASANTVLY___LBMP 24000	146.19 -1.35 -168.97	111.68 -0.71 -123.73	109.06 1.21 -88.70	92.75 0.32 -87.38	72.01 2.09 -40.09	127.52 8.65 0.00	131.58 9.30 0.00	115.36 8.24 -2.49	117.55 6.80 -29.98	78.56 2.90 -42.70	147.09 1.93 -123.22	155.61 0.62 -147.58	130.06 4.80 -68.59	131.60 2.18 -105.15	151.83 2.42 -122.81	167.00 4.26 -116.17	165.38 4.72 -108.12	213.38 5.40 -147.95	317.38 2.19 -290.39	241.40 2.19 -214.89	183.16 5.83 -111.74	168.11 9.55 -47.36	135.56 0.99 -123.06	91.33 1.78 -69.57
PLSNTVLE_13_KV_13.8KVDIST 80602	139.59 -1.56 -162.57	106.88 -0.82 -119.05	105.89 1.40 -85.34	89.49 0.37 -84.07	70.77 2.37 -38.57	128.62 9.75 0.00	132.79 10.50 0.00	116.41 9.38 -2.40	125.57 7.70 -37.10	76.24 3.25 -40.03	139.66 2.20 -115.53	146.49 0.72 -138.37	126.42 5.45 -64.31	125.31 2.45 -98.58	144.44 2.70 -115.14	160.22 4.74 -108.91	159.23 5.24 -101.45	204.73 6.00 -138.71	299.51 2.43 -272.28	228.59 2.42 -201.85	176.95 6.42 -104.94	166.41 10.59 -44.63	130.50 1.11 -117.88	87.65 1.97 -65.71
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	139.59 -1.56 -162.57	106.88 -0.82 -119.05	105.89 1.40 -85.34	89.49 0.37 -84.07	70.77 2.37 -38.57	128.62 9.75 0.00	132.79 10.50 0.00	116.41 9.38 -2.40	125.57 7.70 -37.10	76.24 3.25 -40.03	139.66 2.20 -115.53	146.49 0.72 -138.37	126.42 5.45 -64.31	125.31 2.45 -98.58	144.44 2.70 -115.14	160.22 4.74 -108.91	159.23 5.24 -101.45	204.73 6.00 -138.71	299.51 2.43 -272.28	228.59 2.42 -201.85	176.95 6.42 -104.94	166.41 10.59 -44.63	130.50 1.11 -117.88	87.65 1.97 -65.71
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	142.15 -1.62 -165.19	108.78 -0.84 -120.96	107.31 1.44 -86.72	90.85 0.39 -85.43	71.48 2.45 -39.19	129.06 10.20 0.00	133.33 11.05 0.00	116.96 9.79 -2.54	107.10 8.02 -18.32	74.51 3.36 -38.20	134.39 2.23 -110.23	140.15 0.73 -132.02	123.51 5.49 -61.36	120.82 2.49 -94.06	139.27 2.78 -109.89	155.47 4.95 -103.94	155.18 5.61 -97.03	198.91 6.50 -132.38	287.46 2.67 -259.99	220.77 2.64 -193.80	173.15 6.97 -100.59	165.71 11.38 -43.13	131.24 1.16 -118.57	85.91 2.05 -63.89
POLETTI_____ 23519	138.40 -1.66 -161.49	106.04 -0.87 -118.25	105.42 1.50 -84.78	88.95 0.39 -83.52	70.62 2.48 -38.31	128.99 10.13 0.00	133.24 10.96 0.00	117.08 10.07 -2.38	131.82 8.34 -42.72	76.10 3.54 -39.60	138.56 2.35 -114.27	145.03 0.76 -136.86	126.19 5.92 -63.61	124.45 2.66 -97.51	143.36 2.86 -113.89	159.15 4.84 -107.73	158.21 5.31 -100.36	203.25 6.02 -137.20	296.51 2.38 -269.33	226.44 2.40 -199.71	175.88 6.46 -103.83	166.26 10.89 -44.18	129.69 1.17 -117.01	87.16 2.10 -65.07
POMONA___ESR 323819	132.77 -1.45 -155.64	101.88 -0.75 -113.97	102.13 1.28 -81.70	85.87 0.34 -80.49	68.96 2.20 -36.92	127.78 8.91 0.00	131.92 9.63 0.00	115.32 8.39 -2.30	66.15 6.88 21.49	73.06 2.90 -37.20	131.22 1.93 -107.35	136.62 0.64 -128.57	121.32 4.90 -59.75	118.08 2.20 -91.60	135.96 2.37 -106.99	152.02 4.24 -101.20	151.47 4.57 -94.37	194.24 5.32 -128.89	280.04 2.20 -253.05	214.51 2.22 -187.97	169.04 5.74 -97.71	162.47 9.56 -41.71	124.80 1.00 -112.30	83.35 1.78 -61.59
PORT_JEFF_3 23555	137.68 -2.42 -161.52	105.68 -1.26 -118.28	106.06 2.13 -84.79	89.13 0.56 -83.53	71.66 3.51 -38.32	133.38 14.51 0.00	175.05 15.67 -37.09	154.32 13.58 -36.11	145.61 11.03 -53.82	76.01 4.33 -38.73	136.00 2.87 -111.18	145.53 0.88 -137.24	127.02 6.72 -63.63	124.71 2.89 -97.54	143.70 3.16 -113.93	159.98 5.63 -107.77	159.42 6.49 -100.40	204.90 7.24 -137.63	296.62 2.40 -269.42	234.49 2.47 -207.70	178.82 7.84 -105.39	169.52 13.01 -45.31	129.99 1.44 -117.04	87.71 2.63 -65.10

PORT_JEFF_4 23616	137.68 -2.42 -161.52	105.68 -1.26 -118.28	106.06 2.13 -84.79	89.13 0.56 -83.53	71.66 3.51 -38.32	133.38 14.51 0.00	175.05 15.67 -37.09	154.32 13.58 -36.11	145.61 11.03 -53.82	76.01 4.33 -38.73	136.00 2.87 -111.18	145.53 0.88 -137.24	127.02 6.72 -63.63	124.71 2.89 -97.54	143.70 3.16 -113.93	159.98 5.63 -107.77	159.42 6.49 -100.40	204.90 7.24 -137.63	296.62 2.40 -269.42	234.49 2.47 -207.70	178.82 7.84 -105.39	169.52 13.01 -45.31	129.99 1.44 -117.04	87.71 2.63 -65.10
PORT_JEFF_IC 23713	137.66 -2.45 -161.52	105.67 -1.27 -118.28	106.08 2.15 -84.79	89.14 0.56 -83.53	71.69 3.54 -38.32	133.54 14.67 0.00	175.19 15.81 -37.09	154.28 13.54 -36.11	145.75 11.13 -53.86	76.05 4.35 -38.74	136.10 2.90 -111.26	145.54 0.88 -137.25	127.13 6.83 -63.63	124.77 2.95 -97.54	143.83 3.29 -113.93	160.06 5.72 -107.77	159.73 6.80 -100.40	205.20 7.54 -137.63	296.80 2.58 -269.42	234.56 2.54 -207.70	179.18 8.19 -105.39	169.95 13.42 -45.34	130.02 1.48 -117.04	87.75 2.67 -65.10
PPL_PILGRIM_ST_GT1 24216	137.68 -2.42 -161.52	105.68 -1.26 -118.28	106.07 2.14 -84.79	89.13 0.56 -83.53	71.68 3.53 -38.32	133.36 14.49 0.00	175.08 15.71 -37.09	154.52 13.78 -36.11	146.01 11.11 -54.14	76.34 4.51 -38.88	136.78 3.00 -111.84	145.62 0.92 -137.30	127.47 7.18 -63.63	124.92 3.10 -97.54	143.94 3.40 -113.93	160.45 6.10 -107.77	160.01 7.07 -100.40	205.78 8.11 -137.64	297.15 2.93 -269.42	234.93 2.90 -207.70	179.85 8.84 -105.42	171.37 14.68 -45.49	130.12 1.57 -117.04	87.88 2.80 -65.10
PPL_PILGRIM_ST_GT2 24217	137.68 -2.42 -161.52	105.68 -1.26 -118.28	106.07 2.14 -84.79	89.13 0.56 -83.53	71.68 3.53 -38.32	133.36 14.49 0.00	175.08 15.71 -37.09	154.52 13.78 -36.11	146.01 11.11 -54.14	76.34 4.51 -38.88	136.78 3.00 -111.84	145.62 0.92 -137.30	127.47 7.18 -63.63	124.92 3.10 -97.54	143.94 3.40 -113.93	160.45 6.10 -107.77	160.01 7.07 -100.40	205.78 8.11 -137.64	297.15 2.93 -269.42	234.93 2.90 -207.70	179.85 8.84 -105.42	171.37 14.68 -45.49	130.12 1.57 -117.04	87.88 2.80 -65.10
PPL_SHRM_GT3 24213	137.57 -2.53 -161.52	105.63 -1.31 -118.28	106.16 2.22 -84.79	89.15 0.58 -83.53	71.81 3.65 -38.32	134.09 15.23 0.00	175.84 16.46 -37.09	155.18 14.44 -36.11	146.05 11.45 -53.84	75.74 4.05 -38.74	135.82 2.65 -111.23	145.45 0.80 -137.25	126.52 6.22 -63.63	124.48 2.66 -97.54	143.47 2.94 -113.93	159.67 5.33 -107.77	159.45 6.52 -100.40	204.98 7.32 -137.63	296.63 2.41 -269.42	234.51 2.48 -207.70	178.95 7.97 -105.39	169.71 13.18 -45.33	129.96 1.41 -117.04	87.70 2.62 -65.10
PPL_SHRM_GT4 24214	137.57 -2.53 -161.52	105.63 -1.31 -118.28	106.16 2.22 -84.79	89.15 0.58 -83.53	71.81 3.65 -38.32	134.09 15.23 0.00	175.84 16.46 -37.09	155.18 14.44 -36.11	146.05 11.45 -53.84	75.74 4.05 -38.74	135.82 2.65 -111.23	145.45 0.80 -137.25	126.52 6.22 -63.63	124.48 2.66 -97.54	143.47 2.94 -113.93	159.67 5.33 -107.77	159.45 6.52 -100.40	204.98 7.32 -137.63	296.63 2.41 -269.42	234.51 2.48 -207.70	178.95 7.97 -105.39	169.71 13.18 -45.33	129.96 1.41 -117.04	87.70 2.62 -65.10
PROJECT___ORANGE 1 24174	-4.62 0.36 -16.44	0.69 0.18 -11.86	26.74 -0.31 -7.90	13.40 -0.08 -8.44	33.32 -0.41 -3.90	117.17 -1.70 0.00	120.88 -1.40 0.00	103.50 -1.13 0.00	80.67 -0.41 -0.32	33.87 -0.02 -0.93	22.34 0.06 -0.34	10.66 0.03 -3.23	57.89 -0.27 -1.50	26.59 0.02 -2.30	29.30 0.01 -2.69	49.11 -0.02 -2.55	55.06 -0.19 -2.72	63.18 -0.21 -3.36	31.35 -0.01 -6.56	29.56 -0.11 -5.35	68.11 -0.55 -3.08	111.58 -1.37 -1.75	21.80 -0.08 -10.38	22.89 -0.14 -3.05
PROJECT___ORANGE 2 24166	-4.62 0.36 -16.44	0.69 0.18 -11.86	26.74 -0.31 -7.90	13.40 -0.08 -8.44	33.32 -0.41 -3.90	117.17 -1.70 0.00	120.88 -1.40 0.00	103.50 -1.13 0.00	80.67 -0.41 -0.32	33.87 -0.02 -0.93	22.34 0.06 -0.34	10.66 0.03 -3.23	57.89 -0.27 -1.50	26.59 0.02 -2.30	29.30 0.01 -2.69	49.11 -0.02 -2.55	55.06 -0.19 -2.72	63.18 -0.21 -3.36	31.35 -0.01 -6.56	29.56 -0.11 -5.35	68.11 -0.55 -3.08	111.58 -1.37 -1.75	21.80 -0.08 -10.38	22.89 -0.14 -3.05
PUCKETT___SOLAR 323809	35.64 -0.02 -57.08	30.43 -0.03 -41.80	49.14 0.03 -29.97	34.57 0.02 -29.52	43.66 0.28 -13.54	120.16 1.30 0.00	124.18 1.90 0.00	107.65 1.95 -1.07	85.80 1.66 -3.38	37.19 0.66 -3.58	32.78 0.52 -10.32	19.89 0.12 -12.37	63.48 1.07 -5.75	33.60 0.51 -8.81	37.54 0.64 -10.29	57.76 1.45 -9.74	64.04 1.55 -9.96	74.52 1.76 -12.73	50.38 0.81 -24.78	47.37 0.63 -22.41	78.22 1.43 -11.20	119.31 1.84 -6.27	47.95 0.20 -36.24	31.14 0.33 -10.84
PYRITES___HYD 24023	-16.91 1.48 -3.04	-15.66 0.94 5.26	-11.85 -1.59 29.41	3.81 -0.36 0.88	29.96 -0.70 -0.82	116.94 -1.93 0.00	118.89 -3.40 0.00	96.63 -2.54 5.46	58.38 -3.18 19.20	31.32 -1.64 0.00	-66.36 -1.31 86.99	7.10 -0.30 0.00	54.74 -1.93 0.00	19.32 -1.00 3.96	0.71 -1.21 24.68	28.37 -1.85 16.35	46.66 -2.36 3.51	46.44 -2.56 11.03	-12.22 -1.14 35.88	4.43 -0.95 18.94	63.69 -1.91 0.00	109.28 -1.91 0.00	0.86 -0.46 10.19	-5.58 -0.85 24.71
QUAKERRD_115KV_BK1 80622	0.94 1.49 -20.86	4.66 0.72 -15.28	28.87 -1.22 -10.96	15.51 -0.32 -10.79	33.07 -1.71 -4.95	111.88 -6.99 0.00	115.45 -6.83 0.00	98.45 -6.18 0.00	76.64 -4.55 -0.43	32.51 -1.70 -1.25	24.71 -0.85 -3.62	11.51 -0.22 -4.33	56.41 -2.26 -2.01	26.55 -0.81 -3.08	29.28 -0.92 -3.60	48.47 -1.51 -3.41	54.33 -1.71 -3.51	62.44 -1.93 -4.34	32.41 -0.87 -8.48	30.19 -1.03 -6.90	66.41 -3.14 -3.96	107.63 -5.82 -2.24	24.14 -0.57 -13.21	22.87 -1.01 -3.90
QUEENSBRY_115KV_TB8 356137	195.81 -0.96 -218.19	147.92 -0.52 -159.78	134.56 0.87 -114.55	118.10 0.22 -112.84	83.28 1.68 -51.76	126.59 7.72 0.00	130.90 8.62 0.00	123.32 7.82 -10.87	107.90 6.13 -21.00	33.47 2.38 1.87	17.84 1.29 5.39	1.32 0.36 6.45	56.59 2.92 3.00	21.10 1.41 4.59	23.12 1.88 5.37	45.19 3.69 5.07	56.70 4.15 -0.02	58.36 4.79 6.47	19.94 2.00 6.86	57.13 1.91 -30.89	75.43 5.02 -4.82	129.11 7.85 -10.06	143.24 0.74 -130.99	44.56 1.28 -23.30
RAMAPO___LBMP 323565	132.31 -1.37 -155.11	101.53 -0.71 -113.58	101.78 1.22 -81.43	85.58 0.33 -80.22	68.72 2.09 -36.80	127.38 8.51 0.00	131.50 9.22 0.00	114.97 8.04 -2.29	67.24 6.64 20.16	72.74 2.80 -36.99	130.56 1.87 -106.74	135.86 0.62 -127.84	120.81 4.73 -59.42	117.50 2.14 -91.08	135.33 2.34 -106.38	151.32 4.11 -100.63	150.89 4.51 -93.84	193.37 5.18 -128.16	278.54 2.13 -251.61	213.39 2.13 -186.94	168.37 5.61 -97.17	161.93 9.23 -41.49	124.34 0.96 -111.88	82.98 1.72 -61.28
RANKINE____ 23646	9.57 2.07 -28.92	10.79 0.95 -21.17	32.71 -1.61 -15.18	19.57 -0.42 -14.95	34.54 -2.15 -6.86	109.81 -9.06 0.00	113.07 -9.22 0.00	96.27 -8.81 -0.45	75.86 -6.40 -1.50	32.32 -2.40 -1.77	25.97 -1.07 -5.10	13.30 -0.23 -6.13	57.03 -2.48 -2.85	27.76 -0.87 -4.36	30.73 -0.95 -5.08	50.07 -1.33 -4.82	55.91 -1.56 -4.93	64.42 -1.72 -6.11	36.03 -0.94 -12.17	33.93 -1.25 -10.85	67.27 -3.87 -5.55	107.27 -7.05 -3.13	29.08 -0.70 -18.28	24.17 -1.23 -5.42
RAVENSWOOD_GT2_1 24244	138.39 -1.68 -161.50	106.04 -0.88 -118.26	105.44 1.52 -84.78	88.96 0.40 -83.52	70.69 2.54 -38.31	129.19 10.32 0.00	133.45 11.16 0.00	117.14 10.12 -2.38	131.78 8.36 -42.66	76.10 3.54 -39.60	138.60 2.37 -114.29	145.06 0.78 -136.88	126.27 5.99 -63.62	124.49 2.69 -97.52	143.42 2.91 -113.90	159.35 5.03 -107.74	158.45 5.54 -100.37	203.54 6.29 -137.22	296.67 2.51 -269.36	226.57 2.51 -199.73	176.13 6.70 -103.84	166.56 11.18 -44.18	129.71 1.18 -117.02	87.17 2.11 -65.08

RAVENSWOOD_GT2_2 24245	138.39 -1.68 -161.50	106.04 -0.88 -118.26	105.44 1.52 -84.78	88.96 0.40 -83.52	70.69 2.54 -38.31	129.19 10.32 0.00	133.45 11.16 0.00	117.14 10.12 -2.38	131.78 8.36 -42.66	76.10 3.54 -39.60	138.60 2.37 -114.29	145.06 0.78 -136.88	126.27 5.99 -63.62	124.49 2.69 -97.52	143.42 2.91 -113.90	159.35 5.03 -107.74	158.45 5.54 -100.37	203.54 6.29 -137.22	296.67 2.51 -269.36	226.57 2.51 -199.73	176.13 6.70 -103.84	166.56 11.18 -44.18	129.71 1.18 -117.02	87.17 2.11 -65.08
RAVENSWOOD_GT2_3 24246	138.38 -1.69 -161.50	106.03 -0.89 -118.26	105.45 1.53 -84.78	88.96 0.40 -83.52	70.71 2.56 -38.31	129.26 10.39 0.00	133.51 11.22 0.00	117.20 10.18 -2.38	131.82 8.40 -42.66	76.12 3.56 -39.60	138.61 2.38 -114.29	145.06 0.78 -136.88	126.29 6.00 -63.62	124.50 2.71 -97.52	143.43 2.93 -113.90	159.38 5.06 -107.74	158.48 5.56 -100.37	203.58 6.33 -137.22	296.69 2.53 -269.36	226.59 2.53 -199.73	176.17 6.74 -103.84	166.65 11.27 -44.18	129.73 1.20 -117.02	87.18 2.12 -65.08
RAVENSWOOD_GT2_4 24247	138.38 -1.69 -161.50	106.03 -0.89 -118.26	105.45 1.53 -84.78	88.96 0.40 -83.52	70.71 2.56 -38.31	129.26 10.39 0.00	133.51 11.22 0.00	117.20 10.18 -2.38	131.82 8.40 -42.66	76.12 3.56 -39.60	138.61 2.38 -114.29	145.06 0.78 -136.88	126.29 6.00 -63.62	124.50 2.71 -97.52	143.43 2.93 -113.90	159.38 5.06 -107.74	158.48 5.56 -100.37	203.58 6.33 -137.22	296.69 2.53 -269.36	226.59 2.53 -199.73	176.17 6.74 -103.84	166.65 11.27 -44.18	129.73 1.20 -117.02	87.18 2.12 -65.08
RAVENSWOOD_GT3_1 24248	138.39 -1.69 -161.50	106.04 -0.88 -118.26	105.44 1.52 -84.78	88.96 0.40 -83.52	70.69 2.54 -38.31	129.19 10.32 0.00	133.45 11.16 0.00	117.14 10.12 -2.38	131.78 8.36 -42.66	76.10 3.54 -39.60	138.60 2.37 -114.29	145.06 0.78 -136.88	126.27 5.99 -63.62	124.49 2.69 -97.52	143.42 2.91 -113.90	159.35 5.03 -107.74	158.45 5.54 -100.37	203.54 6.29 -137.22	296.67 2.51 -269.36	226.57 2.52 -199.73	176.14 6.70 -103.84	166.56 11.18 -44.18	129.71 1.19 -117.02	87.18 2.12 -65.08
RAVENSWOOD_GT3_2 24249	138.39 -1.69 -161.50	106.04 -0.88 -118.26	105.44 1.52 -84.78	88.96 0.40 -83.52	70.69 2.54 -38.31	129.19 10.32 0.00	133.45 11.16 0.00	117.14 10.12 -2.38	131.78 8.36 -42.66	76.10 3.54 -39.60	138.60 2.37 -114.29	145.06 0.78 -136.88	126.27 5.99 -63.62	124.49 2.69 -97.52	143.42 2.91 -113.90	159.35 5.03 -107.74	158.45 5.54 -100.37	203.54 6.29 -137.22	296.67 2.51 -269.36	226.57 2.52 -199.73	176.14 6.70 -103.84	166.56 11.18 -44.18	129.71 1.19 -117.02	87.18 2.12 -65.08
RAVENSWOOD_GT3_3 24250	138.36 -1.71 -161.50	106.02 -0.90 -118.26	105.47 1.55 -84.78	88.97 0.41 -83.52	70.74 2.59 -38.31	129.38 10.51 0.00	133.64 11.35 0.00	117.32 10.31 -2.38	131.93 8.51 -42.66	76.16 3.60 -39.60	138.64 2.42 -114.29	145.07 0.79 -136.88	126.37 6.09 -63.62	124.53 2.74 -97.52	143.47 2.96 -113.90	159.43 5.12 -107.74	158.55 5.64 -100.37	203.65 6.40 -137.22	296.72 2.57 -269.36	226.62 2.56 -199.73	176.25 6.82 -103.84	166.78 11.40 -44.18	129.74 1.21 -117.02	87.21 2.15 -65.08
RAVENSWOOD_GT3_4 24251	138.36 -1.71 -161.50	106.02 -0.90 -118.26	105.47 1.55 -84.78	88.97 0.41 -83.52	70.74 2.59 -38.31	129.38 10.51 0.00	133.64 11.35 0.00	117.32 10.31 -2.38	131.93 8.51 -42.66	76.16 3.60 -39.60	138.64 2.42 -114.29	145.07 0.79 -136.88	126.37 6.09 -63.62	124.53 2.74 -97.52	143.47 2.96 -113.90	159.43 5.12 -107.74	158.55 5.64 -100.37	203.65 6.40 -137.22	296.72 2.57 -269.36	226.62 2.56 -199.73	176.25 6.82 -103.84	166.78 11.40 -44.18	129.74 1.21 -117.02	87.21 2.15 -65.08
RAVENSWOOD_GT_1 23729	138.28 -1.80 -161.50	106.34 -0.94 -118.63	105.54 1.62 -84.78	90.48 0.42 -85.02	76.32 2.69 -43.79	129.61 10.74 0.00	133.97 11.66 -0.03	118.27 10.67 -2.97	133.97 8.82 -44.39	85.56 3.73 -48.87	145.54 2.50 -121.10	151.24 0.82 -143.01	139.14 6.34 -76.14	135.71 2.84 -108.59	150.49 3.07 -120.82	173.49 5.29 -121.62	162.55 5.83 -104.19	207.34 6.62 -140.69	301.49 2.65 -274.04	230.83 2.65 -203.87	180.34 6.99 -107.76	172.04 11.72 -49.12	131.36 1.24 -118.61	87.29 2.23 -65.08
RAVENSWOOD_GT_10 24258	138.40 -1.68 -161.50	106.08 -0.88 -118.30	105.44 1.52 -84.78	89.13 0.40 -83.70	71.32 2.54 -38.95	129.18 10.31 0.00	133.45 11.16 0.00	117.19 10.11 -2.45	131.80 8.35 -42.69	77.14 3.54 -40.64	138.50 2.37 -114.19	145.04 0.78 -136.86	125.91 5.98 -63.26	124.25 2.69 -97.29	143.46 2.91 -113.95	159.56 5.02 -107.96	158.44 5.53 -100.37	203.52 6.27 -137.22	296.71 2.51 -269.40	226.63 2.51 -199.79	176.13 6.69 -103.84	166.57 11.18 -44.20	129.74 1.19 -117.04	87.17 2.11 -65.08
RAVENSWOOD_GT_11 24259	138.40 -1.68 -161.50	106.08 -0.88 -118.30	105.44 1.52 -84.78	89.13 0.40 -83.70	71.32 2.54 -38.95	129.18 10.31 0.00	133.45 11.16 0.00	117.19 10.11 -2.45	131.80 8.35 -42.69	77.14 3.54 -40.64	138.50 2.37 -114.19	145.04 0.78 -136.86	125.91 5.98 -63.26	124.25 2.69 -97.29	143.46 2.91 -113.95	159.56 5.02 -107.96	158.44 5.53 -100.37	203.52 6.27 -137.22	296.71 2.51 -269.40	226.63 2.51 -199.79	176.13 6.69 -103.84	166.57 11.18 -44.20	129.74 1.19 -117.04	87.17 2.11 -65.08
RAVENSWOOD_GT_4 24252	138.41 -1.67 -161.50	106.32 -0.88 -118.54	105.43 1.51 -84.78	90.10 0.40 -84.66	74.84 2.52 -42.49	129.17 10.30 0.00	133.41 11.11 -0.02	117.50 10.04 -2.83	131.93 8.31 -42.85	82.93 3.52 -46.45	137.94 2.35 -113.65	144.94 0.77 -136.76	123.89 5.94 -61.29	122.95 2.67 -96.00	143.72 2.90 -114.21	160.78 5.01 -109.19	158.42 5.51 -100.37	203.51 6.27 -137.22	296.91 2.50 -269.61	226.91 2.50 -200.09	176.11 6.67 -103.84	166.65 11.16 -44.29	129.85 1.18 -117.16	87.16 2.10 -65.08
RAVENSWOOD_GT_5 24254	138.41 -1.67 -161.50	106.32 -0.88 -118.54	105.43 1.51 -84.78	90.10 0.40 -84.66	74.84 2.52 -42.49	129.17 10.30 0.00	133.41 11.11 -0.02	117.50 10.04 -2.83	131.93 8.31 -42.85	82.93 3.52 -46.45	137.94 2.35 -113.65	144.94 0.77 -136.76	123.89 5.94 -61.29	122.95 2.67 -96.00	143.72 2.90 -114.21	160.78 5.01 -109.19	158.42 5.51 -100.37	203.51 6.27 -137.22	296.91 2.50 -269.61	226.91 2.50 -200.09	176.11 6.67 -103.84	166.65 11.16 -44.29	129.85 1.18 -117.16	87.16 2.10 -65.08
RAVENSWOOD_GT_6 24253	138.41 -1.67 -161.50	106.32 -0.88 -118.54	105.43 1.51 -84.78	90.10 0.40 -84.66	74.84 2.52 -42.49	129.17 10.30 0.00	133.41 11.11 -0.02	117.50 10.04 -2.83	131.93 8.31 -42.85	82.93 3.52 -46.45	137.94 2.35 -113.65	144.94 0.77 -136.76	123.89 5.94 -61.29	122.95 2.67 -96.00	143.72 2.90 -114.21	160.78 5.01 -109.19	158.42 5.51 -100.37	203.51 6.27 -137.22	296.91 2.50 -269.61	226.91 2.50 -200.09	176.11 6.67 -103.84	166.65 11.16 -44.29	129.85 1.18 -117.16	87.16 2.10 -65.08
RAVENSWOOD_GT_7 24255	138.41 -1.67 -161.50	106.32 -0.88 -118.54	105.43 1.51 -84.78	90.10 0.40 -84.66	74.84 2.52 -42.49	129.17 10.30 0.00	133.41 11.11 -0.02	117.50 10.04 -2.83	131.93 8.31 -42.85	82.93 3.52 -46.45	137.94 2.35 -113.65	144.94 0.77 -136.76	123.89 5.94 -61.29	122.95 2.67 -96.00	143.72 2.90 -114.21	160.78 5.01 -109.19	158.42 5.51 -100.37	203.51 6.27 -137.22	296.91 2.50 -269.61	226.91 2.50 -200.09	176.11 6.67 -103.84	166.65 11.16 -44.29	129.85 1.18 -117.16	87.16 2.10 -65.08
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	138.40 -1.68 -161.50	106.08 -0.88 -118.30	105.44 1.52 -84.78	89.13 0.40 -83.70	71.32 2.54 -38.95	129.18 10.31 0.00	133.45 11.16 0.00	117.19 10.11 -2.45	131.80 8.35 -42.69	77.14 3.54 -40.64	138.50 2.37 -114.19	145.04 0.78 -136.86	125.91 5.98 -63.26	124.25 2.69 -97.29	143.46 2.91 -113.95	159.56 5.02 -107.96	158.44 5.53 -100.37	203.52 6.27 -137.22	296.71 2.51 -269.40	226.63 2.51 -199.79	176.13 6.69 -103.84	166.57 11.18 -44.20	129.74 1.19 -117.04	87.17 2.11 -65.08

RAVENSWOOD_GT_9 24257	138.40 -1.68 -161.50	106.08 -0.88 -118.30	105.44 1.52 -84.78	89.13 0.40 -83.70	71.32 2.54 -38.95	129.18 10.31 0.00	133.45 11.16 0.00	117.19 10.11 -2.45	131.80 8.35 -42.69	77.14 3.54 -40.64	138.50 2.37 -114.19	145.04 0.78 -136.86	125.91 5.98 -63.26	124.25 2.69 -97.29	143.46 2.91 -113.95	159.56 5.02 -107.96	158.44 5.53 -100.37	203.52 6.27 -137.22	296.71 2.51 -269.40	226.63 2.51 -199.79	176.13 6.69 -103.84	166.57 11.18 -44.20	129.74 1.19 -117.04	87.17 2.11 -65.08
RAVENSWOOD___1 23533	138.32 -1.75 -161.50	105.64 -0.92 -117.90	105.50 1.57 -84.78	87.51 0.42 -82.05	65.38 2.63 -32.92	129.40 10.53 0.00	133.69 11.43 0.02	116.91 10.48 -1.80	131.84 8.68 -42.40	67.37 3.67 -30.74	139.50 2.45 -115.11	145.24 0.80 -137.03	129.49 6.20 -66.63	126.52 2.77 -99.49	143.02 2.91 -113.50	157.58 5.15 -105.86	158.45 5.54 -100.37	203.62 6.38 -137.22	296.42 2.58 -269.04	226.21 2.61 -199.28	176.20 6.77 -103.84	166.73 11.49 -44.04	129.57 1.22 -116.84	87.26 2.20 -65.08
RAVENSWOOD___2 23534	138.32 -1.75 -161.50	105.64 -0.92 -117.90	105.50 1.57 -84.78	87.51 0.42 -82.05	65.38 2.63 -32.92	129.40 10.53 0.00	133.69 11.43 0.02	116.91 10.48 -1.80	131.84 8.68 -42.40	67.37 3.67 -30.74	139.50 2.45 -115.11	145.24 0.80 -137.03	129.49 6.20 -66.63	126.52 2.77 -99.49	143.02 2.91 -113.50	157.58 5.15 -105.86	158.45 5.54 -100.37	203.62 6.38 -137.22	296.42 2.58 -269.04	226.21 2.61 -199.28	176.20 6.77 -103.84	166.73 11.49 -44.04	129.57 1.22 -116.84	87.26 2.20 -65.08
RAVENSWOOD___3 23535	138.39 -1.69 -161.50	106.04 -0.88 -118.26	105.44 1.52 -84.78	88.96 0.40 -83.52	70.70 2.55 -38.31	129.19 10.33 0.00	133.45 11.16 0.00	117.14 10.12 -2.38	131.80 8.38 -42.66	76.11 3.55 -39.60	138.59 2.37 -114.29	145.06 0.78 -136.88	126.27 5.98 -63.62	124.47 2.68 -97.52	143.35 2.85 -113.90	159.34 5.02 -107.74	158.32 5.41 -100.37	203.47 6.22 -137.22	296.67 2.51 -269.36	226.58 2.52 -199.73	176.04 6.61 -103.84	166.56 11.18 -44.18	129.71 1.18 -117.02	87.18 2.12 -65.08
RAVENSWOOD___4 23820	138.32 -1.75 -161.50	105.64 -0.92 -117.90	105.50 1.57 -84.78	87.51 0.42 -82.05	65.38 2.63 -32.92	129.40 10.53 0.00	133.69 11.43 0.02	116.91 10.48 -1.80	131.84 8.68 -42.40	67.37 3.67 -30.74	139.50 2.45 -115.11	145.24 0.80 -137.03	129.49 6.20 -66.63	126.52 2.77 -99.49	143.02 2.91 -113.50	157.58 5.15 -105.86	158.45 5.54 -100.37	203.62 6.38 -137.22	296.42 2.58 -269.04	226.21 2.61 -199.28	176.20 6.77 -103.84	166.73 11.49 -44.04	129.57 1.22 -116.84	87.26 2.20 -65.08
RCPL_TRUST___DRP 24196	138.38 -1.67 -161.47	106.02 -0.88 -118.24	105.42 1.51 -84.77	88.94 0.40 -83.51	70.67 2.53 -38.31	129.15 10.28 0.00	133.36 11.07 0.00	117.03 10.02 -2.38	131.88 8.31 -42.81	76.07 3.52 -39.59	138.55 2.36 -114.25	145.01 0.77 -136.84	126.22 5.96 -63.60	124.46 2.70 -97.49	143.39 2.92 -113.86	159.34 5.06 -107.71	158.44 5.56 -100.35	203.53 6.33 -137.17	296.60 2.53 -269.28	226.52 2.51 -199.68	176.10 6.70 -103.81	166.54 11.18 -44.17	129.68 1.18 -117.00	87.14 2.10 -65.06
RED___ROCHESTER 323720	1.13 1.12 -21.44	4.87 0.51 -15.70	29.51 -0.88 -11.25	15.89 -0.23 -11.09	33.79 -1.13 -5.09	114.29 -4.57 0.00	118.01 -4.28 0.00	100.88 -4.07 -0.32	78.96 -2.88 -1.08	33.22 -1.03 -1.29	25.36 -0.31 -3.72	11.83 -0.03 -4.45	57.88 -0.85 -2.07	27.30 -0.15 -3.17	30.17 -0.14 -3.71	49.84 -0.24 -3.51	56.03 -0.11 -3.61	63.56 -0.25 -3.78	33.48 -0.21 -8.90	31.81 -0.46 -7.94	68.18 -1.48 -4.08	110.23 -3.28 -2.31	24.75 -0.32 -13.57	23.39 -0.59 -4.00
REGAN___SOLAR 323812	210.54 -1.35 -233.30	158.82 -0.69 -170.85	142.77 1.15 -122.48	126.00 0.30 -120.66	87.12 1.93 -55.35	127.01 8.15 0.00	131.38 9.09 0.00	123.49 8.18 -10.68	107.20 5.80 -20.64	33.19 2.08 1.84	17.64 1.01 5.32	1.33 0.29 6.37	56.37 2.67 2.96	20.88 1.14 4.54	22.98 1.68 5.30	45.10 3.53 5.01	57.41 4.48 -0.39	58.97 5.33 6.38	20.20 2.20 6.80	57.67 2.09 -31.25	76.51 5.39 -5.52	130.85 8.76 -10.89	152.49 0.84 -140.14	46.53 1.45 -25.09
RENSSELAER___COGEN 23796	188.68 -0.72 -210.82	142.65 -0.39 -154.38	130.48 0.66 -110.68	114.24 0.17 -109.03	81.08 1.23 -50.02	124.13 5.26 0.00	127.61 5.32 0.00	115.32 4.56 -6.12	95.55 3.64 -11.15	31.51 1.58 3.02	14.27 1.05 8.72	-2.73 0.32 10.44	54.17 2.36 4.85	17.89 1.06 7.44	19.01 1.10 8.69	40.36 2.00 8.22	51.82 2.26 2.97	52.14 2.59 10.47	8.62 1.03 17.21	37.86 1.03 -12.51	69.90 2.64 -1.67	124.12 4.30 -8.62	138.01 0.54 -125.97	42.03 0.96 -21.09
REPUBLIC_115KV_BARTNBRK 55605	195.02 -1.60 -218.05	147.44 -0.90 -159.67	135.11 1.50 -114.47	118.19 0.38 -112.77	84.47 2.91 -51.73	132.38 13.51 0.00	137.53 15.25 0.00	129.24 13.78 -10.82	112.47 10.78 -20.93	35.22 4.09 1.82	18.83 2.15 5.26	1.72 0.62 6.30	58.87 5.14 2.93	22.24 2.45 4.49	24.53 3.17 5.24	48.15 6.54 4.96	59.90 7.25 -0.12	61.85 8.14 6.32	21.59 3.39 6.60	58.48 3.20 -30.96	79.03 8.53 -4.91	134.98 13.69 -10.09	143.70 1.27 -130.92	45.46 2.15 -23.34
REVERE_CPWR_DRP 24186	-13.11 -0.59 -8.90	-5.67 -0.32 -5.99	22.15 0.53 -2.48	9.64 0.17 -4.43	33.05 1.10 -2.12	123.89 5.03 0.00	128.33 6.05 0.00	110.09 5.46 0.00	85.19 4.43 0.00	34.79 1.83 0.00	16.32 1.26 6.88	7.80 0.40 0.00	59.40 2.74 0.00	25.53 1.25 0.00	36.57 1.41 -8.55	54.68 2.63 -5.48	56.83 2.99 -1.31	67.31 3.29 -3.99	37.76 1.39 -11.58	33.46 1.26 -7.88	69.08 3.11 -0.38	116.46 4.80 -0.47	19.75 0.46 -7.78	29.56 0.77 -8.82
REYNOLDS_115KV_TB3 80639	189.57 -0.75 -211.74	143.31 -0.41 -155.06	130.98 0.68 -111.16	114.72 0.17 -109.51	81.37 1.31 -50.23	124.47 5.60 0.00	127.88 5.59 0.00	116.95 4.93 -7.38	98.95 3.98 -14.20	33.23 1.72 1.45	18.89 1.13 4.18	2.73 0.33 5.00	56.88 2.54 2.33	21.93 1.21 3.56	23.86 1.41 4.16	45.22 2.58 3.94	56.28 2.84 -0.91	58.17 3.16 5.02	20.23 1.32 5.88	48.91 1.31 -23.27	74.54 3.39 -5.56	126.70 5.42 -10.08	139.40 0.59 -127.30	44.09 1.07 -23.04
RIVERBAY____ 323610	138.24 -1.84 -161.50	105.95 -0.97 -118.26	105.57 1.65 -84.78	89.00 0.44 -83.52	70.90 2.76 -38.31	129.93 11.06 0.00	134.87 12.58 0.00	118.51 11.50 -2.38	132.71 9.29 -42.66	76.39 3.83 -39.60	138.68 2.45 -114.29	145.10 0.81 -136.88	126.50 6.21 -63.63	124.59 2.78 -97.53	143.50 2.99 -113.90	159.51 5.19 -107.74	158.78 5.87 -100.37	203.94 6.69 -137.22	296.85 2.69 -269.36	226.78 2.72 -199.73	176.62 7.19 -103.84	167.37 11.99 -44.18	129.81 1.28 -117.02	87.33 2.27 -65.08
RIVERSIDE_115KV_TB3 55908	189.66 -0.76 -211.84	143.38 -0.41 -155.13	131.05 0.70 -111.21	114.78 0.18 -109.56	81.40 1.31 -50.26	124.45 5.58 0.00	127.98 5.69 0.00	116.49 4.96 -6.89	97.56 3.96 -12.84	32.11 1.71 2.56	15.68 1.13 7.39	-1.11 0.34 8.85	55.12 2.57 4.12	19.14 1.17 6.31	20.52 1.28 7.37	41.94 2.33 6.97	53.32 2.60 1.82	54.09 2.94 8.88	12.31 1.19 13.68	42.26 1.18 -16.75	71.48 3.05 -2.84	125.22 4.93 -9.09	138.90 0.58 -126.81	42.77 1.04 -21.75
ROARING___BROOK_WT_PWR 323790	-21.54 0.84 0.96	-21.75 0.53 10.94	-24.70 -0.90 42.94	0.97 -0.22 3.85	29.18 -0.56 0.09	117.09 -1.77 0.00	119.97 -2.32 0.00	93.42 -1.68 9.53	49.28 -1.53 29.96	32.16 -0.80 0.00	15.93 -0.58 5.43	7.19 -0.21 0.00	55.00 -1.67 0.00	12.44 -0.79 11.04	-11.89 -0.87 37.62	19.53 -1.45 25.61	45.16 -1.71 5.66	41.94 -1.90 16.19	-33.73 -0.72 57.81	-2.10 -0.78 25.64	63.29 -2.30 0.00	107.39 -3.81 0.00	-8.23 -0.41 19.33	-21.20 -0.71 40.47

ROCHESRG_115KV_T4 355643	1.22 1.39 -21.26	4.87 0.65 -15.56	29.19 -1.11 -11.16	15.74 -0.29 -10.99	33.39 -1.49 -5.04	112.76 -6.11 0.00	116.30 -5.99 0.00	99.33 -5.61 -0.31	77.74 -4.09 -1.07	32.72 -1.52 -1.28	24.96 -0.67 -3.69	11.67 -0.14 -4.41	57.01 -1.71 -2.05	26.84 -0.58 -3.14	29.63 -0.66 -3.67	49.05 -1.00 -3.47	54.95 -1.15 -3.57	63.18 -1.28 -4.43	32.98 -0.63 -8.82	31.36 -0.83 -7.87	67.03 -2.61 -4.04	108.59 -4.89 -2.29	24.49 -0.48 -13.46	23.10 -0.84 -3.97
ROCHESTER_9_IC 23652	1.26 1.25 -21.44	4.93 0.58 -15.70	29.41 -0.99 -11.25	15.87 -0.26 -11.09	33.62 -1.30 -5.09	113.58 -5.29 0.00	117.24 -5.05 0.00	100.14 -4.81 -0.32	78.39 -3.45 -1.08	32.99 -1.25 -1.29	25.17 -0.49 -3.72	11.78 -0.08 -4.45	57.49 -1.25 -2.07	27.08 -0.37 -3.17	29.88 -0.43 -3.71	49.48 -0.60 -3.51	55.43 -0.71 -3.61	63.75 -0.75 -4.47	33.28 -0.41 -8.90	31.64 -0.62 -7.94	67.61 -2.06 -4.08	109.48 -4.02 -2.31	24.68 -0.40 -13.57	23.27 -0.71 -4.00
ROCKVIEW_13_KV_LD 356306	138.38 -1.69 -161.49	106.03 -0.88 -118.25	105.43 1.51 -84.78	88.95 0.40 -83.52	70.69 2.55 -38.31	129.29 10.42 0.00	133.49 11.20 0.00	117.04 10.02 -2.38	131.70 8.23 -42.71	76.03 3.47 -39.60	138.53 2.31 -114.28	145.03 0.76 -136.87	126.15 5.88 -63.61	124.43 2.64 -97.51	143.39 2.90 -113.89	159.36 5.05 -107.73	158.51 5.61 -100.37	203.65 6.41 -137.20	296.72 2.59 -269.33	226.61 2.57 -199.72	176.27 6.85 -103.83	166.72 11.35 -44.18	129.70 1.18 -117.01	87.15 2.10 -65.08
ROME____115KV_TB2 80656	-13.11 -0.59 -8.90	-5.67 -0.32 -5.99	22.15 0.53 -2.48	9.64 0.17 -4.43	33.05 1.10 -2.12	123.89 5.03 0.00	128.33 6.05 0.00	110.09 5.46 0.00	85.19 4.43 0.00	34.79 1.83 0.00	16.32 1.26 6.88	7.80 0.40 0.00	59.40 2.74 0.00	25.53 1.25 0.00	36.57 1.41 -8.55	54.68 2.63 -5.48	56.83 2.99 -1.31	67.31 3.29 -3.99	37.76 1.39 -11.58	33.46 1.26 -7.88	69.08 3.11 -0.38	116.46 4.80 -0.47	19.75 0.46 -7.78	29.56 0.77 -8.82
ROSETON___1 23587	136.99 -1.34 -159.75	104.95 -0.70 -116.98	104.21 1.20 -83.87	87.98 0.32 -82.62	69.81 2.07 -37.90	127.37 8.50 0.00	131.44 9.15 0.00	115.11 8.12 -2.36	105.65 6.70 -18.19	74.68 2.85 -38.88	136.04 1.89 -112.21	142.41 0.62 -134.39	123.86 4.73 -62.46	122.16 2.13 -95.75	140.76 2.32 -111.83	156.52 4.16 -105.79	155.64 4.53 -98.58	200.00 5.25 -134.73	291.42 2.14 -264.48	222.70 2.15 -196.22	173.22 5.62 -102.01	163.99 9.35 -43.44	128.10 0.97 -115.62	85.76 1.74 -64.04
ROSETON___2 23588	136.99 -1.34 -159.75	104.95 -0.70 -116.98	104.21 1.20 -83.87	87.98 0.32 -82.62	69.81 2.07 -37.90	127.37 8.50 0.00	131.44 9.15 0.00	115.11 8.12 -2.36	105.65 6.70 -18.19	74.68 2.85 -38.88	136.04 1.89 -112.21	142.41 0.62 -134.39	123.86 4.73 -62.46	122.16 2.13 -95.75	140.76 2.32 -111.83	156.52 4.16 -105.79	155.64 4.53 -98.58	200.00 5.25 -134.73	291.42 2.14 -264.48	222.70 2.15 -196.22	173.22 5.62 -102.01	163.99 9.35 -43.44	128.10 0.97 -115.62	85.76 1.74 -64.04
ROTRDAM_115KV_TB3 80664	198.49 -0.64 -220.56	149.83 -0.34 -161.51	135.50 0.57 -115.79	119.26 0.15 -114.07	83.22 1.06 -52.33	123.40 4.53 0.00	127.17 4.88 0.00	120.58 4.31 -11.64	106.47 3.42 -22.29	31.79 1.41 2.58	15.37 0.88 7.45	-1.25 0.27 8.93	54.59 2.08 4.15	18.89 0.97 6.36	20.36 1.18 7.43	41.73 2.18 7.02	53.35 2.50 1.69	53.95 2.87 8.95	14.67 1.18 11.30	55.17 1.15 -29.70	71.76 3.00 -3.16	125.53 4.79 -9.54	144.06 0.49 -132.07	43.59 0.87 -22.74
RUSSELL___1 23602	1.13 1.12 -21.44	4.87 0.51 -15.70	29.51 -0.88 -11.25	15.89 -0.23 -11.09	33.79 -1.13 -5.09	114.29 -4.58 0.00	118.01 -4.28 0.00	100.84 -4.11 -0.32	78.94 -2.90 -1.08	33.22 -1.03 -1.29	25.33 -0.34 -3.72	11.83 -0.03 -4.45	57.87 -0.86 -2.07	27.25 -0.20 -3.17	30.07 -0.25 -3.71	49.82 -0.27 -3.51	55.82 -0.32 -3.61	64.22 -0.27 -4.47	33.48 -0.22 -8.90	31.83 -0.43 -7.94	68.09 -1.58 -4.08	110.25 -3.26 -2.31	24.75 -0.32 -13.57	23.39 -0.59 -4.00
RUSSELL___2 23532	1.13 1.12 -21.44	4.87 0.51 -15.70	29.51 -0.88 -11.25	15.89 -0.23 -11.09	33.79 -1.13 -5.09	114.29 -4.58 0.00	118.01 -4.28 0.00	100.84 -4.11 -0.32	78.94 -2.90 -1.08	33.22 -1.03 -1.29	25.33 -0.34 -3.72	11.83 -0.03 -4.45	57.87 -0.86 -2.07	27.25 -0.20 -3.17	30.07 -0.25 -3.71	49.82 -0.27 -3.51	55.82 -0.32 -3.61	64.22 -0.27 -4.47	33.48 -0.22 -8.90	31.83 -0.43 -7.94	68.09 -1.58 -4.08	110.25 -3.26 -2.31	24.75 -0.32 -13.57	23.39 -0.59 -4.00
RUSSELL___3 23549	1.13 1.12 -21.44	4.87 0.51 -15.70	29.51 -0.88 -11.25	15.89 -0.23 -11.09	33.79 -1.13 -5.09	114.29 -4.58 0.00	118.01 -4.28 0.00	100.84 -4.11 -0.32	78.94 -2.90 -1.08	33.22 -1.03 -1.29	25.33 -0.34 -3.72	11.83 -0.03 -4.45	57.87 -0.86 -2.07	27.25 -0.20 -3.17	30.07 -0.25 -3.71	49.82 -0.27 -3.51	55.82 -0.32 -3.61	64.22 -0.27 -4.47	33.48 -0.22 -8.90	31.83 -0.43 -7.94	68.09 -1.58 -4.08	110.25 -3.26 -2.31	24.75 -0.32 -13.57	23.39 -0.59 -4.00
RUSSELL___4 23556	1.13 1.12 -21.44	4.87 0.51 -15.70	29.51 -0.88 -11.25	15.89 -0.23 -11.09	33.79 -1.13 -5.09	114.29 -4.58 0.00	118.01 -4.28 0.00	100.84 -4.11 -0.32	78.94 -2.90 -1.08	33.22 -1.03 -1.29	25.33 -0.34 -3.72	11.83 -0.03 -4.45	57.87 -0.86 -2.07	27.25 -0.20 -3.17	30.07 -0.25 -3.71	49.82 -0.27 -3.51	55.82 -0.32 -3.61	64.22 -0.27 -4.47	33.48 -0.22 -8.90	31.83 -0.43 -7.94	68.09 -1.58 -4.08	110.25 -3.26 -2.31	24.75 -0.32 -13.57	23.39 -0.59 -4.00
RUSSELL___STATION 23914	1.13 1.12 -21.44	4.87 0.51 -15.70	29.51 -0.88 -11.25	15.89 -0.23 -11.09	33.79 -1.13 -5.09	114.29 -4.58 0.00	118.01 -4.28 0.00	100.84 -4.11 -0.32	78.94 -2.90 -1.08	33.22 -1.03 -1.29	25.33 -0.34 -3.72	11.83 -0.03 -4.45	57.87 -0.86 -2.07	27.25 -0.20 -3.17	30.07 -0.25 -3.71	49.82 -0.27 -3.51	55.82 -0.32 -3.61	64.22 -0.27 -4.47	33.48 -0.22 -8.90	31.83 -0.43 -7.94	68.09 -1.58 -4.08	110.25 -3.26 -2.31	24.75 -0.32 -13.57	23.39 -0.59 -4.00
S SALMON___HYD 24043	-8.67 0.66 -12.09	-2.89 0.34 -8.10	21.81 -0.57 -3.25	10.92 -0.12 -6.01	32.02 -0.69 -2.88	116.43 -2.44 0.00	120.26 -2.03 0.00	102.60 -1.56 0.47	77.87 -1.23 1.66	32.58 -0.38 0.00	13.00 -0.22 8.72	7.30 -0.11 0.00	55.04 -1.62 0.00	23.33 -0.60 0.34	16.55 -0.70 9.36	39.28 -1.25 6.05	50.38 -1.15 1.01	54.38 -1.30 4.34	11.39 -0.49 12.92	16.40 -0.56 7.36	64.52 -1.59 -0.51	109.17 -2.68 -0.64	15.50 -0.25 -4.24	12.14 -0.49 7.35
S.PERRY__115KV_TB1 80734	9.58 0.63 -30.37	11.16 0.26 -22.24	34.64 -0.45 -15.94	20.61 -0.13 -15.71	36.55 -0.49 -7.21	116.84 -2.02 0.00	121.02 -1.27 0.00	103.65 -1.45 -0.47	81.72 -0.62 -1.58	34.70 -0.12 -1.86	27.49 0.18 -5.37	13.96 0.12 -6.44	59.44 -0.21 -2.99	28.98 0.12 -4.58	31.95 -0.01 -5.35	52.28 0.64 -5.06	58.93 1.21 -5.19	68.36 1.89 -6.44	38.34 0.72 -12.83	36.20 0.43 -11.45	71.96 0.52 -5.85	114.31 -0.18 -3.30	30.71 -0.04 -19.24	25.57 -0.12 -5.71
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	8.65 2.36 -27.70	10.05 1.10 -20.29	31.82 -1.86 -14.54	18.88 -0.49 -14.33	33.88 -2.53 -6.57	108.30 -10.57 0.00	111.49 -10.79 0.00	94.79 -10.27 -0.43	74.55 -7.64 -1.43	31.72 -2.93 -1.69	25.43 -1.40 -4.88	12.94 -0.33 -5.86	56.16 -3.22 -2.72	27.24 -1.20 -4.17	30.14 -1.33 -4.86	49.15 -2.03 -4.61	54.88 -2.36 -4.71	63.21 -2.66 -5.84	35.11 -1.32 -11.63	33.10 -1.60 -10.37	66.13 -4.77 -5.31	105.63 -8.57 -2.99	28.15 -0.86 -17.51	23.66 -1.50 -5.19

SAWYER___23_KV_LOAD 55526	8.65	10.05	31.82	18.88	33.88	108.30	111.49	94.79	74.55	31.72	25.43	12.94	56.16	27.24	30.14	49.15	54.88	63.21	35.11	33.10	66.13	105.63	28.15	23.66
	2.36	1.10	-1.86	-0.49	-2.53	-10.57	-10.79	-10.27	-7.64	-2.93	-1.40	-0.33	-3.22	-1.20	-1.33	-2.03	-2.36	-2.66	-1.32	-1.60	-4.77	-8.57	-0.86	-1.50
	-27.70	-20.29	-14.54	-14.33	-6.57	0.00	0.00	-0.43	-1.43	-1.69	-4.88	-5.86	-2.72	-4.17	-4.86	-4.61	-4.71	-5.84	-11.63	-10.37	-5.31	-2.99	-17.51	-5.19
SELKIRK___I 23801	184.85	139.84	128.45	112.25	80.14	124.03	127.57	114.04	93.50	32.61	17.60	1.32	55.81	20.68	22.36	43.62	54.79	56.39	16.05	40.15	72.74	125.06	136.26	42.94
	-0.71	-0.39	0.65	0.17	1.20	5.16	5.28	4.45	3.50	1.49	0.97	0.26	2.10	0.93	1.03	2.05	2.40	2.73	1.07	1.05	2.74	4.38	0.52	0.94
	-206.98	-151.57	-108.66	-107.04	-49.11	0.00	0.00	-4.96	-9.24	1.84	5.30	6.35	2.95	4.53	5.28	5.00	0.15	6.37	9.81	-14.78	-4.40	-9.48	-124.22	-22.03
SELKIRK___II 23799	187.56	141.83	129.82	113.63	80.72	123.78	127.31	114.18	93.36	30.86	12.52	-4.77	53.15	16.42	17.35	38.80	50.41	50.16	4.17	32.62	68.46	123.57	137.01	41.17
	-0.68	-0.36	0.61	0.16	1.15	4.91	5.02	4.35	3.49	1.51	1.00	0.30	2.29	1.03	1.12	2.05	2.31	2.64	1.04	1.04	2.68	4.34	0.52	0.92
	-209.66	-153.53	-110.07	-108.43	-49.74	0.00	0.00	-5.20	-9.11	3.61	10.41	12.47	5.80	8.88	10.38	9.82	4.43	12.50	21.67	-7.26	-0.19	-8.04	-124.98	-20.27
SENECA OSWGO___HYD 24041	-7.53	-1.54	24.59	11.65	32.12	115.32	118.81	101.60	78.58	32.21	18.85	7.26	54.88	23.64	24.24	44.15	51.09	57.52	21.92	22.85	64.21	108.51	18.75	19.58
	0.67	0.33	-0.57	-0.15	-0.86	-3.55	-3.48	-3.04	-2.18	-0.75	-0.41	-0.14	-1.78	-0.64	-0.71	-1.37	-1.51	-1.73	-0.62	-0.68	-1.94	-3.40	-0.24	-0.42
	-13.23	-9.46	-6.02	-6.77	-3.14	0.00	0.00	0.00	0.00	0.00	2.68	0.00	0.00	0.00	1.66	1.06	-0.06	0.78	2.25	0.80	-0.57	-0.71	-7.48	-0.02
SENECA___115KV_TB3 355854	9.52	10.77	32.74	19.58	34.60	110.01	113.31	96.49	76.03	32.39	26.03	13.32	57.14	27.81	30.79	50.16	56.02	64.55	36.09	33.98	67.41	107.50	29.11	24.21
	2.03	0.93	-1.58	-0.42	-2.10	-8.86	-8.97	-8.58	-6.23	-2.33	-1.02	-0.21	-2.37	-0.83	-0.89	-1.23	-1.45	-1.59	-0.88	-1.20	-3.74	-6.83	-0.68	-1.19
	-28.92	-21.17	-15.18	-14.95	-6.86	0.00	0.00	-0.45	-1.50	-1.77	-5.10	-6.13	-2.85	-4.36	-5.08	-4.82	-4.93	-6.11	-12.17	-10.85	-5.55	-3.13	-18.28	-5.42
SENECA___ENERGY 23797	2.87	6.31	31.28	17.26	35.05	116.70	120.31	103.38	81.17	34.33	24.70	12.46	58.96	27.99	30.96	50.94	57.11	65.58	35.09	33.34	69.95	112.31	26.54	24.36
	0.47	0.21	-0.37	-0.10	-0.44	-2.17	-1.97	-1.61	-0.81	-0.07	0.14	0.07	-0.02	0.17	0.21	0.45	0.55	0.56	0.35	0.13	-0.19	-1.46	-0.05	-0.08
	-23.82	-17.44	-12.51	-12.32	-5.65	0.00	0.00	-0.36	-1.22	-1.44	-2.62	-4.98	-2.32	-3.55	-4.15	-3.92	-4.03	-4.99	-9.95	-8.88	-4.55	-2.57	-15.08	-4.46
SHOEMAKER___GT 23640	124.88	96.04	97.60	81.59	66.64	126.27	130.25	113.83	78.52	69.26	121.29	125.00	115.17	109.52	126.05	142.39	142.61	182.12	257.21	197.96	159.91	157.96	118.11	78.28
	-1.17	-0.61	1.04	0.28	1.82	7.40	7.96	7.02	5.81	2.43	1.61	0.53	4.09	1.85	2.03	3.67	4.04	4.73	1.97	1.97	5.10	8.47	0.87	1.55
	-147.47	-107.99	-77.42	-76.26	-34.99	0.00	0.00	-2.18	8.05	-33.87	-97.74	-117.06	-54.41	-83.40	-97.41	-92.14	-86.04	-117.36	-230.45	-171.67	-89.22	-38.29	-105.73	-56.75
SHOEMAKR_138KV_BK 111 55601	123.91	95.33	97.09	81.09	66.41	126.27	130.25	113.84	79.43	68.88	120.20	123.69	114.54	108.60	124.99	141.34	141.71	180.78	254.60	196.05	158.90	157.45	117.32	77.70
	-1.17	-0.61	1.04	0.28	1.82	7.40	7.96	7.04	5.82	2.44	1.62	0.54	4.08	1.86	2.07	3.65	4.08	4.72	1.94	1.93	5.07	8.35	0.86	1.53
	-146.50	-107.28	-76.91	-75.76	-34.75	0.00	0.00	-2.17	7.14	-33.49	-96.64	-115.75	-53.80	-82.47	-96.32	-91.11	-85.09	-116.04	-227.87	-169.80	-88.24	-37.90	-104.96	-56.20
SHOREHAM_IC_1 23715	137.57	105.63	106.16	89.15	71.81	134.09	175.84	155.18	146.05	75.74	135.82	145.45	126.52	124.48	143.47	159.67	159.45	204.98	296.63	234.51	178.95	169.71	129.96	87.70
	-2.53	-1.31	2.22	0.58	3.65	15.23	16.46	14.44	11.45	4.05	2.65	0.80	6.22	2.66	2.94	5.33	6.52	7.32	2.41	2.48	7.97	13.18	1.41	2.62
	-161.52	-118.28	-84.79	-83.53	-38.32	0.00	-37.09	-36.11	-53.84	-38.74	-111.23	-137.25	-63.63	-97.54	-113.93	-107.77	-100.40	-137.63	-269.42	-207.70	-105.39	-45.33	-117.04	-65.10
SHOREHAM_IC_2 23716	137.57	105.63	106.16	89.15	71.81	134.09	175.84	155.18	146.05	75.74	135.82	145.45	126.52	124.48	143.47	159.67	159.45	204.98	296.63	234.51	178.95	169.71	129.96	87.70
	-2.53	-1.31	2.22	0.58	3.65	15.23	16.46	14.44	11.45	4.05	2.65	0.80	6.22	2.66	2.94	5.33	6.52	7.32	2.41	2.48	7.97	13.18	1.41	2.62
	-161.52	-118.28	-84.79	-83.53	-38.32	0.00	-37.09	-36.11	-53.84	-38.74	-111.23	-137.25	-63.63	-97.54	-113.93	-107.77	-100.40	-137.63	-269.42	-207.70	-105.39	-45.33	-117.04	-65.10
SISSONVILLE____ 23735	-16.28	-15.11	-11.37	3.84	29.31	114.18	115.86	94.20	57.00	30.63	-61.81	6.95	53.63	18.94	-0.36	26.94	45.23	44.53	-13.52	3.25	61.90	106.27	0.51	-6.47
	1.96	1.19	-1.99	-0.46	-1.38	-4.69	-6.43	-5.12	-5.08	-2.33	-1.74	-0.46	-3.04	-1.48	-1.77	-2.98	-3.74	-4.21	-1.81	-1.62	-3.69	-4.93	-0.74	-1.33
	-3.19	4.95	28.52	0.74	-0.85	0.00	0.00	5.32	18.68	0.00	82.01	0.00	0.00	3.85	25.19	16.67	3.57	11.29	36.50	19.46	0.00	0.00	10.26	25.12
SITHE_IND_GS1 24169	-10.88	-3.80	23.51	9.87	30.98	114.07	117.47	100.49	77.65	31.86	21.27	7.17	54.39	23.45	25.69	44.80	50.77	57.74	23.91	23.87	63.38	107.13	16.96	20.43
	0.83	0.43	-0.73	-0.19	-1.15	-4.80	-4.82	-4.14	-3.11	-1.10	-0.67	-0.23	-2.27	-0.83	-0.91	-1.78	-1.97	-2.29	-0.89	-0.93	-2.63	-4.59	-0.39	-0.68
	-9.71	-7.11	-5.10	-5.02	-2.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.20	0.00	0.00	-0.48	-0.42	-0.52	-5.85	-1.13
SITHE_IND_GS2 24170	-10.88	-3.80	23.51	9.87	30.98	114.07	117.47	100.49	77.65	31.86	21.27	7.17	54.39	23.45	25.69	44.80	50.77	57.74	23.91	23.87	63.38	107.13	16.96	20.43
	0.83	0.43	-0.73	-0.19	-1.15	-4.80	-4.82	-4.14	-3.11	-1.10	-0.67	-0.23	-2.27	-0.83	-0.91	-1.78	-1.97	-2.29	-0.89	-0.93	-2.63	-4.59	-0.39	-0.68
	-9.71	-7.11	-5.10	-5.02	-2.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.20	0.00	0.00	-0.48	-0.42	-0.52	-5.85	-1.13
SITHE_IND_GS3 24171	-10.88	-3.80	23.51	9.87	30.98	114.07	117.47	100.49	77.65	31.86	21.27	7.17	54.39	23.45	25.69	44.80	50.77	57.74	23.91	23.87	63.38	107.13	16.96	20.43
	0.83	0.43	-0.73	-0.19	-1.15	-4.80	-4.82	-4.14	-3.11	-1.10	-0.67	-0.23	-2.27	-0.83	-0.91	-1.78	-1.97	-2.29	-0.89	-0.93	-2.63	-4.59	-0.39	-0.68
	-9.71	-7.11	-5.10	-5.02	-2.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.20	0.00	0.00	-0.48	-0.42	-0.52	-5.85	-1.13
SITHE_IND_GS4 24172	-10.88	-3.80	23.51	9.87	30.98	114.07	117.47	100.49	77.65	31.86	21.27	7.17	54.39	23.45	25.69	44.80	50.77	57.74	23.91	23.87	63.38	107.13	16.96	20.43
	0.83	0.43	-0.73	-0.19	-1.15	-4.80	-4.82	-4.14	-3.11	-1.10	-0.67	-0.23	-2.27	-0.83	-0.91	-1.78	-1.97	-2.29	-0.89	-0.93	-2.63	-4.59	-0.39	-0.68
	-9.71	-7.11	-5.10	-5.02	-2.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.20	0.00	0.00	-0.48	-0.42	-0.52	-5.85	-1.13

SITHE___BATAVIA 24024	4.71 1.58 -24.55	7.35 0.71 -17.98	30.81 -1.21 -12.89	17.41 -0.32 -12.70	34.15 -1.51 -5.82	112.72 -6.15 0.00	116.61 -5.67 0.00	99.46 -5.54 -0.37	77.96 -4.06 -1.25	32.93 -1.52 -1.49	25.77 -0.46 -4.30	12.51 -0.05 -5.15	57.89 -1.17 -2.39	27.63 -0.31 -3.66	30.66 -0.22 -4.28	50.28 -0.35 -4.05	56.64 -0.05 -4.15	63.96 -0.17 -4.10	34.78 -0.27 -10.25	32.88 -0.59 -9.15	68.41 -1.87 -4.69	109.68 -4.16 -2.65	26.59 -0.45 -15.52	23.78 -0.80 -4.59
SITHE___INDEPEND 23800	-10.88 0.83 -9.71	-3.80 0.43 -7.11	23.51 -0.73 -5.10	9.87 -0.19 -5.02	30.98 -1.16 -2.30	114.07 -4.80 0.00	117.47 -4.81 0.00	100.49 -4.14 0.00	77.65 -3.11 0.00	31.85 -1.10 0.00	21.27 -0.67 0.00	7.18 -0.23 0.00	54.39 -2.27 0.00	23.44 -0.84 0.00	25.66 -0.95 0.00	44.80 -1.78 -0.20	50.71 -2.02 0.00	57.73 -2.30 0.00	23.90 -0.89 0.00	23.88 -0.92 -0.48	63.37 -2.64 -0.42	107.14 -4.58 -0.52	16.96 -0.40 -5.85	20.43 -0.68 -1.13
SITHE___MASSENA 23902	-17.85 1.51 -2.06	-17.62 0.97 7.25	-17.72 -1.62 35.23	2.86 -0.38 1.80	29.76 -0.68 -0.61	116.96 -1.91 0.00	118.67 -3.61 0.00	95.32 -2.87 6.44	54.96 -3.18 22.63	31.45 -1.50 0.00	-98.83 -1.14 119.63	7.14 -0.26 0.00	55.22 -1.44 0.00	18.81 -0.80 4.67	4.28 -0.99 21.33	30.58 -1.69 14.30	47.11 -2.32 3.11	48.08 -2.58 9.37	-8.12 -1.16 31.76	7.79 -0.98 15.56	63.61 -1.98 0.00	109.07 -2.12 0.00	1.36 -0.40 9.74	-2.78 -0.73 22.03
SITHE___OGDNSBRG 24021	-17.31 1.37 -2.75	-16.31 0.88 5.85	-13.49 -1.50 31.13	3.55 -0.33 1.15	30.09 -0.50 -0.76	117.77 -1.10 0.00	119.66 -2.63 0.00	96.97 -1.91 5.75	57.89 -2.65 20.21	31.52 -1.44 0.00	-75.85 -1.17 96.63	7.14 -0.26 0.00	55.11 -1.55 0.00	19.26 -0.85 4.17	1.90 -1.01 23.69	29.31 -1.52 15.75	47.16 -1.99 3.39	47.37 -2.12 10.54	-10.82 -0.96 34.66	5.60 -0.78 17.94	64.20 -1.39 0.00	110.08 -1.12 0.00	1.09 -0.36 10.06	-4.63 -0.69 23.92
SITHE___STERLING 23777	-11.43 -0.46 -10.45	-4.27 -0.26 -7.32	23.70 0.44 -4.12	10.46 0.13 -5.29	33.21 0.89 -2.48	122.89 4.03 0.00	127.11 4.82 0.00	108.95 4.32 0.00	84.35 3.59 0.00	34.46 1.51 0.00	18.36 1.04 4.62	7.74 0.33 0.00	58.90 2.24 0.00	25.33 1.06 0.00	32.85 1.21 -5.03	52.04 2.24 -3.22	55.92 2.50 -0.88	65.03 2.65 -2.34	32.73 1.14 -6.80	30.22 1.01 -4.88	68.51 2.48 -0.44	115.45 3.69 -0.55	19.58 0.37 -7.70	26.39 0.63 -5.78
SLEIGHT__34_KV_TB1 80719	0.72 0.84 -21.30	4.65 0.39 -15.60	29.66 -0.67 -11.18	15.88 -0.17 -11.02	34.04 -0.85 -5.06	115.42 -3.46 0.00	119.29 -3.00 0.00	102.19 -2.76 -0.32	80.01 -1.83 -1.08	33.63 -0.60 -1.28	25.47 -0.16 -3.70	11.83 0.00 -4.42	58.14 -0.58 -2.06	27.34 -0.09 -3.15	30.17 -0.12 -3.68	49.97 -0.09 -3.48	56.00 -0.12 -3.58	64.40 -0.06 -4.44	33.58 -0.05 -8.84	31.95 -0.27 -7.89	68.53 -1.11 -4.05	110.94 -2.55 -2.29	24.76 -0.23 -13.48	23.55 -0.41 -3.98
SOUTH CAIRO___GT 23612	175.15 -1.72 -198.30	132.95 -0.92 -145.21	124.79 1.54 -104.10	108.00 0.41 -102.55	79.61 2.73 -47.04	130.52 11.65 0.00	134.70 12.41 0.00	120.16 10.74 -4.79	100.23 8.21 -11.26	41.21 3.34 -4.92	38.20 2.07 -14.19	25.02 0.63 -17.00	68.95 4.39 -7.90	38.23 1.84 -12.11	42.85 2.09 -14.15	64.51 4.56 -13.38	74.61 5.85 -16.21	83.85 6.78 -17.04	62.82 2.18 -35.84	71.92 2.05 -45.55	91.41 5.26 -20.56	134.42 8.16 -15.07	134.96 1.17 -122.28	50.86 1.98 -28.90
SOUTH HAMPTN___IC 23720	137.56 -2.54 -161.52	105.62 -1.32 -118.28	106.18 2.24 -84.79	89.15 0.58 -83.53	71.84 3.69 -38.32	134.28 15.41 0.00	176.12 16.74 -37.09	155.45 14.72 -36.11	146.22 11.64 -53.82	75.86 4.18 -38.73	135.84 2.71 -111.19	145.47 0.82 -137.24	126.61 6.32 -63.63	124.53 2.71 -97.54	143.53 2.99 -113.93	159.84 5.49 -107.77	159.68 6.75 -100.40	205.27 7.61 -137.63	296.67 2.45 -269.42	234.55 2.53 -207.70	179.18 8.20 -105.39	170.21 13.70 -45.32	130.01 1.46 -117.04	87.76 2.68 -65.10
SOUTHDOW_115KV_TB1 355954	11.17 1.46 -31.13	12.08 0.63 -22.79	34.47 -1.01 -16.34	20.85 -0.29 -16.10	36.01 -1.21 -7.38	113.50 -5.37 0.00	116.98 -5.30 0.00	99.95 -5.17 -0.48	79.07 -3.32 -1.62	33.80 -1.06 -1.91	27.25 -0.20 -5.51	14.07 0.05 -6.61	59.30 -0.44 -3.07	29.05 0.07 -4.71	32.17 0.07 -5.49	52.36 0.58 -5.21	58.21 0.36 -5.32	66.99 0.36 -6.60	37.88 -0.07 -13.15	35.58 -0.47 -11.73	69.88 -1.70 -5.99	111.35 -3.23 -3.38	30.89 -0.31 -19.69	25.27 -0.55 -5.85
SOUTHOLD_69_KV_BK 2 55809	137.60 -2.50 -161.52	105.65 -1.29 -118.28	106.15 2.22 -84.79	89.14 0.57 -83.53	71.79 3.64 -38.32	134.19 15.32 0.00	176.18 16.79 -37.09	155.58 14.83 -36.11	146.27 11.69 -53.82	75.84 4.15 -38.73	135.80 2.66 -111.19	145.43 0.79 -137.24	126.36 6.06 -63.63	124.42 2.60 -97.54	143.50 2.97 -113.93	159.72 5.37 -107.77	159.80 6.87 -100.40	205.22 7.56 -137.63	296.22 2.00 -269.42	234.01 1.99 -207.70	178.68 7.71 -105.39	170.21 13.70 -45.32	129.99 1.44 -117.04	87.70 2.62 -65.10
SOUTHOLD___IC 23719	137.60 -2.50 -161.52	105.65 -1.29 -118.28	106.15 2.22 -84.79	89.14 0.57 -83.53	71.79 3.64 -38.32	134.19 15.32 0.00	176.17 16.79 -37.09	155.57 14.83 -36.11	146.28 11.70 -53.82	75.83 4.15 -38.73	135.78 2.65 -111.19	145.43 0.78 -137.24	126.30 6.00 -63.63	124.39 2.57 -97.54	143.36 2.82 -113.93	159.70 5.36 -107.77	159.68 6.74 -100.40	205.07 7.42 -137.63	296.14 1.92 -269.42	234.03 2.01 -207.70	178.59 7.61 -105.39	170.21 13.70 -45.32	129.99 1.44 -117.04	87.70 2.63 -65.10
SOUTH_FORK_WT_PWR 323839	137.89 -2.21 -161.52	105.79 -1.15 -118.28	105.89 1.96 -84.79	89.08 0.50 -83.53	71.37 3.22 -38.32	132.53 13.66 0.00	174.52 15.14 -37.09	154.16 13.42 -36.11	145.17 10.58 -53.82	75.37 3.69 -38.73	135.44 2.31 -111.19	145.31 0.66 -137.24	125.36 5.06 -63.63	123.99 2.17 -97.54	142.94 2.40 -113.93	158.94 4.60 -107.77	158.83 5.90 -100.40	204.21 6.55 -137.63	296.00 1.78 -269.42	233.90 1.87 -207.70	177.85 6.86 -105.39	168.51 11.99 -45.32	129.81 1.26 -117.04	87.39 2.32 -65.10
SPIERFLS_115KV_TB 1 80737	196.04 -0.84 -218.31	148.07 -0.45 -159.86	134.50 0.76 -114.61	118.14 0.19 -112.90	83.09 1.47 -51.79	125.64 6.77 0.00	129.86 7.57 0.00	122.43 6.89 -10.91	107.22 5.39 -21.07	33.17 2.11 1.90	17.60 1.15 5.49	1.15 0.32 6.57	56.16 2.56 3.05	20.82 1.23 4.68	22.79 1.66 5.47	44.65 3.25 5.17	56.14 3.68 0.07	57.71 4.27 6.59	19.50 1.78 7.08	56.86 1.70 -30.83	74.77 4.44 -4.73	128.17 6.95 -10.03	143.20 0.66 -131.04	44.39 1.13 -23.28
ST LAWRENCE____ 23600	-20.67 1.61 0.86	-20.03 1.07 9.76	-20.91 -1.78 38.27	1.18 -0.43 3.43	28.81 -0.94 0.08	116.13 -2.74 0.00	118.82 -3.47 0.00	94.88 -3.04 6.71	54.33 -2.82 23.60	31.63 -1.33 0.00	28.79 -0.95 -7.80	7.13 -0.27 0.00	55.01 -1.65 0.00	18.50 -0.91 4.87	5.32 -1.05 20.24	31.12 -1.80 13.66	47.54 -2.02 2.98	48.92 -2.26 8.85	-6.67 -1.01 30.46	9.01 -0.89 14.42	63.65 -1.95 0.00	108.36 -2.84 0.00	1.51 -0.40 9.60	-1.93 -0.73 21.18
STATE_CA_115KV_115_LB 55624	191.03 -0.83 -213.28	144.40 -0.44 -156.18	131.85 0.75 -111.97	115.54 0.20 -110.30	81.81 1.38 -50.60	124.73 5.87 0.00	128.35 6.06 0.00	117.62 5.29 -7.69	99.43 4.22 -14.45	32.25 1.81 2.51	15.88 1.20 7.26	-0.92 0.37 8.69	55.39 2.77 4.04	19.33 1.25 7.23	20.71 1.34 6.84	42.18 2.45 1.68	53.63 2.77 8.72	54.44 3.13 8.72	13.13 1.27 12.94	44.75 1.25 -19.17	71.83 3.23 -3.02	125.63 5.22 -9.21	139.82 0.61 -127.70	43.04 1.09 -21.97

STATE_ST_34_KV_LOAD 55959	2.21 0.00 -23.64	5.94 -0.03 -17.31	31.59 0.04 -12.41	17.27 0.01 -12.23	35.60 0.16 -5.61	119.45 0.58 0.00	123.36 1.07 0.00	105.91 0.92 -0.36	83.09 1.11 -1.22	34.98 0.59 -1.43	24.94 0.49 -2.51	12.52 0.17 -4.94	59.81 0.85 -2.30	28.31 0.51 -3.52	31.31 0.59 -4.11	51.54 1.07 -3.89	57.71 1.18 -4.00	66.41 1.43 -4.96	35.34 0.67 -9.87	33.57 0.43 -8.82	70.85 0.74 -4.51	114.32 0.57 -2.55	26.63 0.16 -14.96	24.67 0.27 -4.42
STATION 5_MISC_HYD 23604	1.26 1.25 -21.44	4.93 0.57 -15.70	29.41 -0.99 -11.25	15.87 -0.26 -11.09	33.62 -1.30 -5.09	113.58 -5.29 0.00	117.24 -5.05 0.00	100.18 -4.77 -0.32	78.40 -3.44 -1.08	32.99 -1.26 -1.29	25.20 -0.46 -3.72	11.78 -0.08 -4.45	57.50 -1.24 -2.07	27.12 -0.33 -3.17	29.98 -0.33 -3.71	49.52 -0.57 -3.51	55.63 -0.51 -3.61	63.09 -0.72 -3.78	33.28 -0.41 -8.90	31.62 -0.64 -7.94	67.71 -1.95 -4.08	109.45 -4.06 -2.31	24.68 -0.40 -13.57	23.27 -0.71 -4.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	1.09 0.63 -21.88	4.96 0.27 -16.02	30.16 -0.46 -11.49	16.24 -0.12 -11.31	34.51 -0.52 -5.19	116.62 -2.24 0.00	120.52 -1.77 0.00	103.24 -1.72 -0.33	80.88 -0.99 -1.11	34.06 -0.21 -1.32	25.86 0.11 -3.80	12.05 0.09 -4.55	58.86 0.08 -2.11	27.74 0.22 -3.24	30.61 0.22 -3.79	50.69 0.53 -3.58	56.81 0.59 -3.69	65.33 0.73 -4.57	34.18 0.29 -9.10	32.50 0.07 -8.11	69.44 -0.31 -4.17	112.21 -1.34 -2.36	25.26 -0.09 -13.85	23.89 -0.18 -4.09
STA_56_34_KV_BUS2_REV_LBMP_B 345033	1.16 1.29 -21.29	4.85 0.60 -15.59	29.29 -1.03 -11.18	15.78 -0.27 -11.01	33.50 -1.38 -5.05	113.26 -5.61 0.00	116.89 -5.40 0.00	99.93 -5.02 -0.32	78.22 -3.61 -1.07	32.92 -1.31 -1.28	25.09 -0.55 -3.69	11.72 -0.11 -4.42	57.28 -1.44 -2.06	26.97 -0.46 -3.15	29.76 -0.53 -3.68	49.27 -0.78 -3.48	55.22 -0.90 -3.58	63.50 -0.97 -4.44	33.13 -0.50 -8.84	31.51 -0.69 -7.88	67.40 -2.24 -4.05	109.13 -4.36 -2.29	24.56 -0.43 -13.48	23.19 -0.76 -3.98
STA_56__34_KV_BUS2 355983	1.16 1.29 -21.29	4.85 0.60 -15.59	29.29 -1.03 -11.18	15.78 -0.27 -11.01	33.50 -1.38 -5.05	113.26 -5.61 0.00	116.89 -5.40 0.00	99.93 -5.02 -0.32	78.22 -3.61 -1.07	32.92 -1.31 -1.28	25.09 -0.55 -3.69	11.72 -0.11 -4.42	57.28 -1.44 -2.06	26.97 -0.46 -3.15	29.76 -0.53 -3.68	49.27 -0.78 -3.48	55.22 -0.90 -3.58	63.50 -0.97 -4.44	33.13 -0.50 -8.84	31.51 -0.69 -7.88	67.40 -2.24 -4.05	109.13 -4.36 -2.29	24.56 -0.43 -13.48	23.19 -0.76 -3.98
STA_67__115KV_BK2 355882	1.29 1.30 -21.41	4.94 0.60 -15.68	29.35 -1.03 -11.24	15.84 -0.27 -11.07	33.54 -1.37 -5.08	113.26 -5.61 0.00	116.87 -5.41 0.00	99.83 -5.12 -0.32	78.15 -3.69 -1.08	32.89 -1.35 -1.29	25.10 -0.56 -3.72	11.75 -0.10 -4.45	57.31 -1.42 -2.07	26.99 -0.45 -3.17	29.78 -0.53 -3.70	49.32 -0.76 -3.50	55.26 -0.88 -3.60	63.54 -0.95 -4.46	33.18 -0.50 -8.89	31.55 -0.70 -7.93	67.39 -2.27 -4.07	109.15 -4.36 -2.30	24.63 -0.43 -13.56	23.21 -0.76 -4.00
STA_7__115KV_9TRANS 80674	1.13 1.12 -21.44	4.87 0.51 -15.70	29.51 -0.88 -11.25	15.89 -0.23 -11.09	33.79 -1.13 -5.09	114.29 -4.58 0.00	118.01 -4.28 0.00	100.84 -4.11 -0.32	78.94 -2.90 -1.08	33.22 -1.03 -1.29	25.33 -0.34 -3.72	11.83 -0.03 -4.45	57.87 -0.86 -2.07	27.25 -0.20 -3.17	30.07 -0.25 -3.71	49.82 -0.27 -3.51	55.82 -0.32 -3.61	64.22 -0.27 -4.47	33.48 -0.22 -8.90	31.83 -0.43 -7.94	68.09 -1.58 -4.08	110.25 -3.26 -2.31	24.75 -0.32 -13.57	23.39 -0.59 -4.00
STA_82__115KV_TB1 80780	1.42 1.29 -21.55	5.04 0.60 -15.78	29.43 -1.02 -11.31	15.92 -0.27 -11.14	33.59 -1.36 -5.11	113.34 -5.53 0.00	116.97 -5.32 0.00	99.93 -5.03 -0.32	78.22 -3.63 -1.09	32.92 -1.34 -1.30	25.14 -0.54 -3.74	11.78 -0.10 -4.48	57.35 -1.39 -2.08	27.03 -0.43 -3.19	29.83 -0.51 -3.73	49.37 -0.73 -3.53	55.32 -0.84 -3.63	63.61 -0.91 -4.49	33.27 -0.48 -8.95	31.62 -0.68 -7.98	67.46 -2.23 -4.10	109.21 -4.30 -2.32	24.73 -0.42 -13.64	23.25 -0.75 -4.03
STEEL__WIND 323596	9.57 2.07 -28.92	10.79 0.95 -21.17	32.70 -1.62 -15.18	19.57 -0.43 -14.95	34.53 -2.16 -6.86	109.73 -9.14 0.00	113.05 -9.24 0.00	96.36 -8.72 -0.45	75.89 -6.37 -1.50	32.33 -2.39 -1.77	26.03 -1.01 -5.10	13.31 -0.22 -6.13	57.05 -2.46 -2.85	27.83 -0.80 -4.36	30.91 -0.78 -5.08	50.16 -1.24 -4.82	56.25 -1.21 -4.93	62.89 -1.69 -4.56	36.04 -0.93 -12.17	33.91 -1.27 -10.85	67.46 -3.69 -5.55	107.21 -7.12 -3.13	29.08 -0.70 -18.28	24.18 -1.22 -5.42
STEPHTWN_115KV_BK_2 55603	188.29 -1.11 -210.82	142.46 -0.58 -154.38	130.81 0.99 -110.68	114.33 0.26 -109.03	81.61 1.76 -50.02	126.53 7.66 0.00	130.23 7.94 0.00	117.52 6.76 -6.12	97.28 5.37 -11.15	32.18 2.24 3.02	14.68 1.46 8.72	-2.59 0.45 10.44	55.25 3.44 4.85	18.33 1.49 7.44	19.58 1.66 8.69	41.44 3.09 8.22	53.13 3.56 2.97	53.64 4.08 10.47	9.24 1.65 17.21	38.43 1.60 -12.51	71.39 4.13 -1.67	126.48 6.66 -8.62	138.26 0.78 -125.97	42.42 1.35 -21.09
STEUBEN_REC_LFGE 323667	18.69 1.63 -38.48	17.66 0.82 -28.18	37.99 -1.35 -20.20	24.59 -0.36 -19.90	36.99 -1.97 -9.13	110.34 -8.53 0.00	113.94 -8.35 0.00	97.83 -7.41 -0.61	77.85 -4.95 -2.04	33.52 -1.81 -2.38	27.96 -0.84 -6.87	15.40 -0.24 -8.23	57.35 -3.15 -3.83	29.08 -1.06 -5.86	32.27 -1.18 -6.85	51.62 -1.44 -6.48	57.85 -1.31 -6.63	67.26 -1.00 -8.24	40.84 -0.36 -16.41	38.31 -0.66 -14.64	70.38 -2.68 -7.47	109.45 -5.94 -4.20	35.31 -0.59 -24.39	26.23 -1.02 -7.26
STILLWATER__SOLAR 323814	194.76 -1.00 -217.18	147.17 -0.53 -159.04	134.05 0.89 -114.02	117.59 0.22 -112.32	83.00 1.64 -51.53	126.03 7.16 0.00	130.04 7.75 0.00	122.05 6.88 -10.54	106.56 5.35 -20.45	33.52 2.13 1.56	18.71 1.27 4.50	2.37 0.36 5.39	57.05 2.89 2.51	21.83 1.40 3.84	23.88 1.76 4.49	45.65 3.32 4.24	57.07 3.78 -0.74	58.99 4.37 5.41	21.64 1.81 4.96	57.48 1.76 -31.40	75.73 4.62 -5.52	128.83 7.36 -10.28	142.76 0.73 -130.53	44.80 1.28 -23.54
STONY__BROOK 24151	137.67 -2.44 -161.52	105.67 -1.26 -118.28	106.08 2.14 -84.79	89.13 0.56 -83.53	71.69 3.53 -38.32	133.49 14.62 0.00	175.20 15.82 -37.09	154.37 13.63 -36.11	145.79 11.17 -53.86	76.09 4.39 -38.75	136.12 2.91 -111.27	145.55 0.89 -137.25	127.15 6.86 -63.63	124.78 2.96 -97.54	143.78 3.24 -113.93	160.15 5.80 -107.77	159.71 6.78 -100.40	205.33 7.67 -137.63	296.82 2.60 -269.42	234.67 2.65 -207.70	179.31 8.32 -105.39	170.29 13.75 -45.34	130.05 1.50 -117.04	87.78 2.70 -65.10
STURGEON_POOL_HYD 23609	141.72 -2.37 -165.51	108.62 -1.23 -121.20	108.12 2.09 -86.89	91.20 0.56 -85.59	72.59 3.49 -39.27	133.23 14.36 0.00	137.99 15.71 0.00	121.53 13.97 -2.93	107.74 11.30 -15.67	65.84 4.52 -28.36	106.71 2.93 -81.84	106.38 0.96 -98.02	109.46 7.24 -45.55	97.36 3.25 -69.83	111.90 3.71 -81.58	130.52 6.77 -77.17	133.32 7.84 -72.94	167.57 9.26 -98.28	222.19 3.81 -193.58	176.82 3.73 -148.76	151.95 9.84 -76.52	161.62 16.09 -34.32	127.05 1.60 -113.94	75.19 2.77 -52.44
ST_LAW_115_BK7_LBMP 345037	-20.64 1.64 0.85	-19.95 1.08 9.69	-20.71 -1.82 38.03	1.20 -0.43 3.41	28.79 -0.96 0.08	116.02 -2.85 0.00	118.55 -3.73 0.00	94.71 -3.25 6.67	54.24 -3.08 23.44	31.52 -1.44 0.00	30.15 -1.05 -9.26	7.11 -0.29 0.00	54.90 -1.77 0.00	18.47 -0.97 4.83	4.95 -1.12 20.54	30.84 -1.92 13.82	47.33 -2.19 3.01	48.60 -2.45 8.98	-7.08 -1.10 30.78	8.62 -0.96 14.75	63.48 -2.11 0.00	108.24 -2.96 0.00	1.45 -0.43 9.63	-2.19 -0.78 21.39

ST_LAW_115_BK8_LBMP 345038	-20.64 1.64 0.85	-19.95 1.08 9.69	-20.71 -1.82 38.03	1.20 -0.43 3.41	28.79 -0.96 0.08	116.02 -2.85 0.00	118.55 -3.73 0.00	94.71 -3.25 6.67	54.24 -3.08 23.44	31.52 -1.44 0.00	30.15 -1.05 -9.26	7.11 -0.29 0.00	54.90 -1.77 0.00	18.47 -0.97 4.83	4.95 -1.12 20.54	30.84 -1.92 13.82	47.33 -2.19 3.01	48.60 -2.45 8.98	-7.08 -1.10 30.78	8.62 -0.96 14.75	63.48 -2.11 0.00	108.24 -2.96 0.00	1.45 -0.43 9.63	-2.19 -0.78 21.39
ST_LAW_230_BK5_LBMP 345035	-20.68 1.61 0.87	-20.16 1.07 9.89	-21.44 -1.78 38.80	1.13 -0.43 3.48	28.81 -0.94 0.08	116.13 -2.74 0.00	118.82 -3.47 0.00	94.78 -3.04 6.81	54.00 -2.82 23.93	31.63 -1.33 0.00	25.58 -0.95 -4.59	7.13 -0.27 0.00	55.01 -1.65 0.00	18.43 -0.91 4.94	5.50 -1.05 20.06	31.25 -1.80 13.52	47.56 -2.02 2.96	49.03 -2.26 8.74	-6.41 -1.01 30.19	9.17 -0.89 14.26	63.65 -1.95 0.00	108.36 -2.84 0.00	1.53 -0.40 9.57	-1.76 -0.73 21.01
ST_LAW_230_BK6_LBMP 345036	-20.68 1.61 0.87	-20.16 1.07 9.89	-21.44 -1.78 38.80	1.13 -0.43 3.48	28.81 -0.94 0.08	116.13 -2.74 0.00	118.82 -3.47 0.00	94.78 -3.04 6.81	54.00 -2.82 23.93	31.63 -1.33 0.00	25.58 -0.95 -4.59	7.13 -0.27 0.00	55.01 -1.65 0.00	18.43 -0.91 4.94	5.50 -1.05 20.06	31.25 -1.80 13.52	47.56 -2.02 2.96	49.03 -2.26 8.74	-6.41 -1.01 30.19	9.17 -0.89 14.26	63.65 -1.95 0.00	108.36 -2.84 0.00	1.53 -0.40 9.57	-1.76 -0.73 21.01
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	127.97 -1.32 -150.71	98.34 -0.69 -110.36	99.44 1.18 -79.12	83.30 0.32 -77.94	67.63 2.05 -35.76	127.16 8.29 0.00	131.29 9.00 0.00	114.76 7.90 -2.23	76.21 6.52 11.08	70.84 2.74 -35.14	125.16 1.82 -101.41	129.45 0.59 -121.45	117.63 4.52 -56.45	112.85 2.05 -86.53	129.93 2.26 -101.07	146.17 3.99 -95.60	146.17 4.41 -89.22	186.86 5.08 -121.76	265.96 2.09 -239.07	204.31 2.08 -177.91	163.52 5.47 -92.46	159.77 8.97 -39.60	120.75 0.93 -108.32	80.25 1.66 -58.61
SWANROAD_115KV_TB1 355699	8.23 2.95 -26.70	9.62 1.41 -19.56	30.79 -2.37 -14.02	18.23 -0.62 -13.81	32.92 -3.25 -6.34	105.48 -13.39 0.00	108.48 -13.80 0.00	92.02 -13.02 -0.41	72.19 -9.95 -1.38	30.70 -3.88 -1.63	24.62 -2.01 -4.70	12.51 -0.53 -5.63	54.60 -4.68 -2.62	26.40 -1.88 -4.01	29.20 -2.07 -4.67	47.64 -3.37 -4.43	53.22 -3.85 -4.53	61.27 -4.37 -5.62	33.97 -2.02 -11.19	32.04 -2.27 -9.98	64.15 -6.56 -5.11	102.49 -11.59 -2.88	27.21 -1.17 -16.87	22.93 -2.04 -5.00
SYNERGY___BIOGAS 323694	4.71 1.58 -24.55	7.35 0.71 -17.98	30.81 -1.21 -12.89	17.41 -0.32 -12.70	34.15 -1.51 -5.82	112.72 -6.15 0.00	116.61 -5.67 0.00	99.46 -4.06 -0.37	77.96 -4.06 -1.25	32.93 -1.52 -1.49	25.77 -0.46 -4.30	12.51 -0.05 -5.15	57.89 -0.31 -2.39	27.63 -0.31 -3.66	30.66 -0.22 -4.28	50.28 -0.35 -4.05	56.64 -0.05 -4.15	63.96 -0.17 -4.10	34.78 -0.27 -10.25	32.88 -0.59 -9.15	68.41 -1.87 -4.69	109.68 -4.16 -2.65	26.59 -0.45 -15.52	23.78 -0.80 -4.59
SYRACUSE___ENERGY_ST1 323597	-2.10 0.18 -19.14	2.60 0.08 -13.86	28.41 -0.14 -9.41	14.85 -0.04 -9.85	34.22 -0.16 -4.54	118.13 -0.74 0.00	121.90 -0.39 0.00	104.33 -0.31 0.00	81.13 -0.02 -0.40	34.24 0.14 -1.14	23.46 0.15 -1.36	11.41 0.05 -3.95	58.45 -0.06 -1.83	27.21 0.12 -2.81	30.02 0.12 -3.29	49.90 0.21 -3.11	55.94 0.20 -3.20	64.27 0.28 -3.96	32.72 0.19 -7.74	30.69 0.07 -6.29	69.14 -0.07 -3.62	112.72 -0.53 -2.05	23.63 0.02 -12.11	23.57 0.03 -3.56
SYRACUSE___ENERGY_ST2 323598	-2.10 0.18 -19.14	2.60 0.08 -13.86	28.41 -0.14 -9.41	14.85 -0.04 -9.85	34.22 -0.16 -4.54	118.13 -0.74 0.00	121.90 -0.39 0.00	104.33 -0.31 0.00	81.13 -0.02 -0.40	34.24 0.14 -1.14	23.46 0.15 -1.36	11.41 0.05 -3.95	58.45 -0.06 -1.83	27.21 0.12 -2.81	30.02 0.12 -3.29	49.90 0.21 -3.11	55.94 0.20 -3.20	64.27 0.28 -3.96	32.72 0.19 -7.74	30.69 0.07 -6.29	69.14 -0.07 -3.62	112.72 -0.53 -2.05	23.63 0.02 -12.11	23.57 0.03 -3.56
SYRACUSE___POWER 24017	-1.73 0.23 -19.47	2.86 0.10 -14.10	28.53 -0.18 -9.56	15.01 -0.05 -10.02	34.24 -0.22 -4.62	117.99 -0.88 0.00	121.76 -0.53 0.00	104.22 -0.41 0.00	81.06 -0.11 -0.41	34.21 0.08 -1.17	23.46 0.12 -1.40	11.51 0.04 -4.06	58.46 -0.09 -1.89	27.26 0.09 -2.89	30.09 0.10 -3.38	49.95 0.18 -3.19	56.00 0.20 -3.26	64.30 0.25 -4.03	32.86 0.19 -7.88	30.80 0.07 -6.40	69.23 -0.04 -3.68	112.74 -0.55 -2.09	23.82 0.00 -12.31	23.60 0.00 -3.62
TALLMAN___138KV_BK151 55660	131.92 -1.43 -154.77	101.25 -0.74 -113.33	101.66 1.27 -81.25	85.42 0.34 -80.04	68.72 2.17 -36.72	127.69 8.82 0.00	131.86 9.57 0.00	115.28 8.36 -2.29	68.17 6.86 19.45	72.69 2.90 -36.84	130.18 1.94 -106.30	135.36 0.64 -127.32	120.74 4.90 -59.18	117.20 2.22 -90.71	134.97 2.42 -105.95	151.05 4.25 -100.22	150.65 4.65 -93.46	193.00 5.33 -127.64	277.59 2.20 -250.59	212.72 2.20 -186.20	168.16 5.78 -96.79	162.06 9.52 -41.34	124.10 0.99 -111.60	82.82 1.77 -61.07
TEALLAVE_115KV_TB7 355573	-4.85 0.38 -16.19	0.52 0.18 -11.68	26.59 -0.31 -7.76	13.27 -0.09 -8.31	33.24 -0.43 -3.84	117.11 -1.76 0.00	120.81 -1.48 0.00	103.41 -1.22 0.00	80.48 -0.60 -0.32	33.80 -0.09 -0.93	22.29 0.01 -0.34	10.64 0.01 -3.23	57.74 -0.43 -1.50	26.53 -0.05 -2.30	29.24 -0.05 -2.69	49.00 -0.13 -2.55	54.96 -0.25 -2.67	63.05 -0.29 -3.30	31.21 -0.04 -6.45	29.45 -0.13 -5.26	68.00 -0.61 -3.03	111.45 -1.46 -1.72	21.63 -0.09 -10.22	22.82 -0.15 -3.00
TELGRAPH_34_KV_EAST 80808	6.27 2.24 -25.45	8.35 1.05 -18.64	30.73 -1.78 -13.36	17.74 -0.47 -13.16	33.53 -2.35 -6.04	109.15 -9.72 0.00	112.62 -9.67 0.00	95.77 -9.25 -0.39	75.13 -6.94 -1.31	31.84 -2.66 -1.55	25.17 -1.23 -4.47	12.47 -0.28 -5.35	56.26 -2.89 -2.49	27.00 -1.09 -3.81	29.85 -1.20 -4.44	48.95 -1.84 -4.21	54.77 -2.08 -4.31	63.08 -2.29 -5.34	34.29 -1.15 -10.65	32.40 -1.42 -9.50	66.14 -4.31 -4.86	106.05 -7.89 -2.74	26.79 -0.81 -16.09	23.32 -1.42 -4.76
TEMPLE___115KV_TB 2 55572	-4.62 0.36 -16.44	0.69 0.18 -11.86	26.74 -0.31 -7.90	13.40 -0.08 -8.44	33.32 -0.41 -3.90	117.17 -1.70 0.00	120.88 -1.40 0.00	103.50 -1.13 0.00	80.67 -0.41 -0.32	33.87 -0.02 -0.93	22.34 0.06 -0.34	10.66 0.03 -3.23	57.89 -0.27 -1.50	26.59 0.02 -2.30	29.30 0.01 -2.69	49.11 -0.02 -2.55	55.06 -0.19 -2.72	63.18 -0.21 -3.36	31.35 -0.01 -6.56	29.56 -0.11 -5.35	68.11 -0.55 -3.08	111.58 -1.37 -1.75	21.80 -0.08 -10.38	22.89 -0.14 -3.05
TIANA____69_KV_BK 1 55817	137.53 -2.58 -161.52	105.60 -1.34 -118.28	106.21 2.28 -84.79	89.17 0.59 -83.53	71.89 3.74 -38.32	134.44 15.58 0.00	176.28 16.90 -37.09	155.59 14.85 -36.11	146.34 11.76 -53.82	75.92 4.24 -38.73	135.91 2.78 -111.19	145.48 0.84 -137.24	126.80 6.50 -63.63	124.62 2.79 -97.54	143.70 3.17 -113.93	159.97 5.62 -107.77	159.95 7.01 -100.40	205.50 7.85 -137.63	296.85 2.63 -269.42	234.63 2.60 -207.70	179.45 8.47 -105.39	170.48 13.97 -45.32	130.04 1.49 -117.04	87.79 2.72 -65.10
TILDEN___115KV_TB1 80814	-1.73 0.23 -19.47	2.86 0.10 -14.10	28.53 -0.18 -9.56	15.01 -0.05 -10.02	34.24 -0.22 -4.62	117.99 -0.88 0.00	121.76 -0.53 0.00	104.22 -0.41 0.00	81.06 -0.11 -0.41	34.21 0.08 -1.17	23.46 0.12 -1.40	11.51 0.04 -4.06	58.46 -0.09 -1.89	27.26 0.09 -2.89	30.09 0.10 -3.38	49.95 0.18 -3.19	56.00 0.20 -3.26	64.30 0.25 -4.03	32.86 0.19 -7.88	30.80 0.07 -6.40	69.23 -0.04 -3.68	112.74 -0.55 -2.09	23.82 0.00 -12.31	23.60 0.00 -3.62

TRIGEN___CC 323695	138.21 -1.89 -161.52	105.96 -0.98 -118.28	105.62 1.69 -84.79	89.02 0.45 -83.53	70.97 2.82 -38.32	130.37 11.50 0.00	171.81 12.44 -37.09	151.75 11.01 -36.11	155.17 9.07 -65.34	81.11 3.91 -44.24	159.23 2.63 -134.66	147.36 0.81 -139.15	126.75 6.46 -63.63	124.62 2.80 -97.54	143.62 3.08 -113.93	159.72 5.38 -107.77	159.02 6.08 -100.40	204.89 6.90 -137.97	296.97 2.74 -269.43	234.73 2.71 -207.70	179.88 7.61 -106.69	175.52 12.66 -51.67	129.87 1.32 -117.04	87.44 2.36 -65.10
TRINITY___115KV___4 BK 55933	189.19 -0.74 -211.35	143.03 -0.40 -154.77	130.76 0.67 -110.95	114.52 0.17 -109.30	81.24 1.26 -50.14	124.27 5.40 0.00	127.79 5.50 0.00	115.83 4.77 -6.42	96.38 3.85 -11.77	31.66 1.66 2.95	14.51 1.09 8.52	-2.48 0.32 10.21	54.40 2.48 4.74	18.13 1.13 7.27	19.32 1.20 8.49	40.73 2.19 8.03	52.20 2.45 2.79	52.56 2.76 10.23	9.34 1.12 16.58	39.09 1.11 -13.65	70.31 2.86 -1.86	124.55 4.64 -8.72	138.39 0.56 -126.32	42.22 1.00 -21.23
UNION___PROCESSING_DRP 323587	1.44 1.28 -21.58	5.06 0.60 -15.80	29.45 -1.01 -11.33	15.93 -0.27 -11.16	33.60 -1.35 -5.12	113.37 -5.50 0.00	117.00 -5.29 0.00	99.96 -4.99 -0.32	78.25 -3.60 -1.09	32.94 -1.32 -1.30	25.15 -0.54 -3.75	11.79 -0.09 -4.48	57.38 -1.37 -2.09	27.04 -0.43 -3.20	29.84 -0.50 -3.74	49.40 -0.71 -3.53	55.35 -0.82 -3.63	63.66 -0.87 -4.50	33.29 -0.47 -8.96	31.65 -0.67 -8.00	67.50 -2.19 -4.10	109.27 -4.24 -2.32	24.75 -0.42 -13.66	23.26 -0.74 -4.03
UPPER HUDSON___HYD 24058	196.04 -0.84 -218.31	148.07 -0.45 -159.86	134.50 0.76 -114.61	118.13 0.19 -112.90	83.09 1.47 -51.79	125.63 6.77 0.00	129.86 7.58 0.00	122.43 6.89 -10.91	107.22 5.39 -21.07	33.17 2.12 1.90	17.60 1.15 5.49	1.15 0.31 6.57	56.17 2.56 3.05	20.82 1.23 4.68	22.78 1.65 5.47	44.65 3.24 5.17	56.14 3.67 0.07	57.70 4.26 6.59	19.49 1.78 7.08	56.86 1.70 -30.83	74.79 4.46 -4.73	128.17 6.95 -10.03	143.20 0.66 -131.04	44.39 1.13 -23.28
UPPER RAQUET___HYD 24056	-16.28 1.95 -3.19	-15.11 1.19 4.95	-11.37 -1.99 28.52	3.84 -0.46 0.74	29.31 -1.38 -0.85	114.17 -4.69 0.00	115.85 -6.43 0.00	94.19 -5.12 5.32	57.01 -5.07 18.68	30.63 -2.33 0.00	-61.81 -1.74 82.01	6.95 -0.46 0.00	53.62 -3.04 0.00	18.93 -1.49 3.85	-0.37 -1.78 25.19	26.92 -2.99 16.67	45.21 -3.75 3.57	44.56 -4.18 11.29	-13.51 -1.81 36.50	3.25 -1.62 19.46	61.89 -3.70 0.00	106.28 -4.92 0.00	0.51 -0.74 10.26	-6.47 -1.33 25.12
VALLEY44_115KV_TB2 355964	12.42 1.40 -32.43	13.09 0.68 -23.75	35.06 -1.11 -17.02	21.54 -0.27 -16.77	36.28 -1.25 -7.69	113.43 -5.43 0.00	115.94 -6.35 0.00	98.78 -6.36 -0.51	78.08 -4.37 -1.70	33.39 -1.56 -1.99	27.15 -0.55 -5.75	14.23 -0.08 -6.91	58.80 -1.07 -3.21	28.95 -0.25 -4.92	32.08 -0.26 -5.74	51.91 -0.10 -5.43	57.41 -0.67 -5.55	66.00 -0.92 -6.89	37.96 -0.56 -13.73	35.62 -0.95 -12.24	68.67 -3.18 -6.26	109.43 -5.29 -3.52	31.51 -0.53 -20.53	25.27 -0.80 -6.10
VALLEY___115KV_TB 1-4 80826	-21.82 -0.40 0.00	-11.49 -0.15 0.00	19.37 0.23 0.00	5.09 0.05 0.00	30.33 0.49 0.00	121.65 2.78 0.00	125.64 3.36 0.00	107.95 2.92 -0.39	84.34 2.21 -1.37	33.80 0.84 0.00	20.74 0.43 1.63	7.51 0.11 0.00	57.42 0.76 0.00	24.94 0.38 -0.28	30.76 0.66 -3.49	50.24 1.38 -2.28	54.65 1.64 -0.48	63.65 2.02 -1.60	30.54 0.83 -4.91	27.95 0.76 -2.86	67.49 1.90 0.00	114.10 2.91 0.00	13.05 0.31 -1.24	23.90 0.57 -3.35
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	50.74 -1.58 -73.74	41.83 -0.83 -54.00	59.28 1.43 -38.71	43.56 0.38 -38.14	49.73 2.40 -17.49	128.78 9.91 0.00	133.09 10.80 0.00	116.13 9.35 -2.15	94.13 7.45 -5.92	40.73 3.08 -4.69	37.59 2.12 -13.54	24.33 0.71 -16.21	69.65 5.45 -7.54	38.25 2.42 -11.55	42.80 2.70 -13.49	64.20 4.86 -12.76	71.01 5.44 -13.04	82.46 6.18 -16.25	60.21 2.52 -32.89	58.07 2.43 -31.32	86.59 6.36 -14.64	129.79 10.42 -8.17	59.41 1.04 -46.86	35.88 1.82 -14.08
VISCHER___FERRY HYD 24020	191.69 -0.82 -213.94	144.88 -0.44 -156.66	132.19 0.73 -112.31	115.86 0.18 -110.64	81.99 1.40 -50.75	124.97 6.10 0.00	128.64 6.35 0.00	119.56 5.63 -9.30	103.77 4.49 -18.52	34.80 1.85 0.00	23.08 1.14 0.00	7.73 0.33 0.00	59.24 2.57 0.00	25.51 1.24 0.00	28.12 1.51 0.00	49.39 2.82 0.00	60.18 3.15 -4.50	63.62 3.59 0.00	31.22 1.49 -4.94	61.05 1.48 -35.25	78.69 3.91 -9.20	128.97 6.27 -11.50	141.48 0.64 -129.33	46.11 1.15 -24.98
V_A_10_SYNC_DSASP 323832	4.67 2.19 -23.90	7.20 1.04 -17.50	29.92 -1.77 -12.55	16.94 -0.46 -12.36	33.08 -2.42 -5.67	108.82 -10.05 0.00	111.99 -10.29 0.00	95.31 -9.68 -0.36	74.70 -7.27 -1.22	31.59 -2.82 -1.45	24.76 -1.36 -4.17	12.05 -0.33 -4.98	55.73 -3.25 -2.32	26.65 -1.18 -3.56	29.52 -1.24 -4.16	48.34 -2.16 -3.93	54.24 -2.34 -4.05	60.95 -2.98 -3.90	33.38 -1.41 -10.00	31.57 -1.67 -8.92	65.50 -4.66 -4.57	105.18 -8.60 -2.58	25.81 -0.85 -15.15	22.98 -1.48 -4.48
V_CMM_10_SYNC_DSASP 323787	-20.75 1.53 0.85	-20.01 1.03 9.69	-20.61 -1.72 38.03	1.22 -0.41 3.41	28.95 -0.80 0.08	116.64 -2.23 0.00	119.21 -3.08 0.00	95.34 -2.62 6.67	54.54 -2.78 23.44	31.63 -1.33 0.00	30.24 -0.97 -9.26	7.14 -0.26 0.00	55.11 -1.56 0.00	18.55 -0.89 4.83	5.05 -1.02 20.54	31.01 -1.75 13.82	47.53 -1.99 3.01	48.81 -2.24 8.98	-6.99 -1.01 30.78	8.74 -0.84 14.75	63.80 -1.79 0.00	108.78 -2.42 0.00	1.51 -0.37 9.63	-2.08 -0.66 21.39
V_CMP_10_SYNC_DSASP 323788	-20.89 1.39 0.86	-19.94 1.12 9.72	-20.74 -1.74 38.14	1.16 -0.46 3.42	28.55 -1.21 0.08	115.14 -3.73 0.00	54.39 -5.15 62.75	35.53 -4.57 64.53	-16.33 -4.02 93.07	21.52 -1.73 9.71	-3.13 -1.29 23.77	-19.54 -0.40 26.54	-15.50 -2.60 69.57	7.58 -1.27 15.43	4.75 -1.39 20.47	-19.56 -2.46 63.68	-27.79 -2.74 77.58	-26.47 -3.00 83.50	-22.32 -1.31 45.81	-23.05 -1.20 46.17	-11.59 -2.66 74.53	-32.72 -4.11 139.82	-11.40 -0.57 22.34	-3.18 -0.89 22.27
V_D_10_SYNC_DSASP 323841	-17.87 1.51 -2.05	-17.66 0.97 7.28	-17.82 -1.62 35.33	2.84 -0.38 1.82	29.77 -0.67 -0.60	116.97 -1.90 0.00	118.73 -3.56 0.00	95.33 -2.84 6.46	54.95 -3.13 22.68	31.47 -1.48 0.00	37.31 -1.12 -16.49	7.15 -0.26 0.00	55.24 -1.42 0.00	18.81 -0.79 4.68	4.35 -0.98 21.28	30.64 -1.67 14.27	47.14 -2.29 3.10	48.14 -2.54 9.34	-8.03 -1.14 31.69	7.86 -0.96 15.50	63.62 -1.97 0.00	109.08 -2.11 0.00	1.38 -0.39 9.73	-2.73 -0.72 21.99
V_E_10_SYNC_DSASP 323830	31.34 -0.67 -53.44	27.43 -0.36 -39.13	47.80 0.60 -28.05	32.86 0.19 -27.64	43.90 1.39 -12.68	124.52 5.65 0.00	129.71 7.42 0.00	112.93 7.15 -1.15	89.85 5.63 -3.46	38.29 1.98 -3.35	32.90 1.29 -9.68	19.35 0.35 -11.59	65.25 3.19 -5.39	33.93 1.40 -8.26	37.85 1.60 -9.64	59.03 3.33 -9.12	65.78 3.92 -9.33	76.64 4.73 -11.88	50.11 2.01 -23.30	47.52 1.80 -21.39	80.51 4.43 -10.50	123.72 6.64 -5.87	46.01 0.58 -33.92	31.07 0.94 -10.15
V_F_30_NSYNC___DSASP 323816	195.24 -1.02 -217.69	147.52 -0.55 -159.41	134.34 0.92 -114.28	117.86 0.24 -112.58	83.15 1.67 -51.64	126.14 7.27 0.00	130.16 7.88 0.00	122.32 6.99 -10.70	106.93 5.44 -20.73	33.41 2.17 1.71	18.31 1.31 4.94	1.87 0.38 5.92	56.95 3.03 2.75	21.49 1.43 4.22	23.47 1.79 4.93	45.29 3.37 4.66	56.76 3.84 -0.38	58.53 4.44 5.94	20.72 1.84 5.91	57.25 1.78 -31.15	75.45 4.70 -5.17	128.82 7.46 -10.17	143.00 0.74 -130.76	44.70 1.30 -23.42

V_F_30_SYNC_DSASP 323786	190.88 -0.83 -213.13	144.29 -0.44 -156.07	131.77 0.75 -111.89	115.46 0.20 -110.22	81.77 1.38 -50.56	124.73 5.87 0.00	128.34 6.05 0.00	117.50 5.28 -7.60	99.21 4.20 -14.25	32.22 1.81 2.54	15.80 1.20 7.33	-1.01 0.37 8.78	55.33 2.75 4.08	19.26 1.25 6.26	20.64 1.34 7.31	42.10 2.44 6.91	53.54 2.75 1.74	54.34 3.12 8.81	12.89 1.27 13.17	44.36 1.25 -18.78	71.76 3.23 -2.94	125.57 5.19 -9.18	139.72 0.61 -127.60	42.99 1.09 -21.92
V_XM_10_SYNC_DSASP 323789	-20.89 1.39 0.86	-19.94 1.12 9.72	-20.74 -1.74 38.14	1.16 -0.46 3.42	28.55 -1.21 0.08	115.14 -3.73 0.00	54.39 -5.15 62.75	35.53 -4.57 64.53	-16.33 -4.02 93.07	21.52 -1.73 9.71	-3.13 -1.29 23.77	-19.54 -0.40 26.54	-15.50 -2.60 69.57	7.58 -1.27 15.43	4.75 -1.39 20.47	-19.56 -2.46 63.68	-27.79 -2.74 77.58	-26.47 -3.00 83.50	-22.32 -1.31 45.81	-23.05 -1.20 46.17	-11.59 -2.66 74.53	-32.72 -4.11 139.82	-11.40 -0.57 22.34	-3.18 -0.89 22.27
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	132.78 -1.48 -155.68	101.90 -0.76 -114.00	102.18 1.32 -81.73	85.91 0.35 -80.51	69.01 2.24 -36.93	128.02 9.15 0.00	132.18 9.89 0.00	115.60 8.67 -2.30	66.25 7.09 21.61	73.17 2.99 -37.22	131.35 2.00 -107.40	136.70 0.66 -128.64	121.50 5.05 -59.79	118.21 2.28 -91.65	136.15 2.49 -107.04	152.22 4.39 -101.25	151.78 4.83 -94.41	194.53 5.54 -128.96	280.26 2.28 -253.18	214.66 -2.28 -188.06	169.33 5.98 -97.76	162.77 9.85 -41.73	124.87 1.02 -112.34	83.42 1.82 -61.62
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	138.37 -1.68 -161.47	106.02 -0.88 -118.24	105.42 1.51 -84.77	88.95 0.40 -83.51	70.67 2.53 -38.31	129.19 10.32 0.00	133.38 11.09 0.00	117.03 10.02 -2.38	131.89 8.32 -42.81	76.08 3.53 -39.59	138.56 2.37 -114.25	145.02 0.78 -136.84	126.25 5.99 -63.60	124.48 2.71 -97.49	143.40 2.93 -113.86	159.36 5.08 -107.71	158.46 5.58 -100.35	203.54 6.34 -137.17	296.61 2.54 -269.28	226.52 2.52 -199.68	176.13 6.73 -103.81	166.55 11.19 -44.17	129.69 1.18 -117.00	87.15 2.10 -65.06
W50THST__13_KV_LOAD 356117	138.25 -1.80 -161.47	105.95 -0.95 -118.24	105.53 1.62 -84.77	88.97 0.42 -83.51	70.85 2.71 -38.31	129.80 10.93 0.00	133.97 11.68 0.00	117.59 10.58 -2.38	132.39 8.82 -42.81	76.30 3.75 -39.59	138.72 2.53 -114.25	145.07 0.83 -136.84	126.69 6.43 -63.60	124.69 2.92 -97.49	143.63 3.16 -113.86	159.77 5.48 -107.71	158.91 6.03 -100.35	204.02 6.82 -137.17	296.80 2.72 -269.28	226.69 2.70 -199.68	176.54 7.14 -103.81	167.28 11.91 -44.17	129.75 1.25 -117.00	87.27 2.23 -65.06
WADING RIVER_IC_1 23522	137.58 -2.52 -161.52	105.63 -1.31 -118.28	106.15 2.22 -84.79	89.15 0.58 -83.53	71.81 3.65 -38.32	134.05 15.19 0.00	175.78 16.40 -37.09	155.14 14.40 -36.11	146.03 11.45 -53.82	75.67 3.99 -38.72	135.73 2.61 -111.18	145.44 0.79 -137.24	126.42 6.12 -63.63	124.45 2.63 -97.54	143.43 2.89 -113.93	159.57 5.23 -107.77	159.38 6.45 -100.40	204.87 7.22 -137.63	296.58 2.36 -269.42	234.45 2.42 -207.70	178.84 7.86 -105.39	169.49 12.98 -45.31	129.94 1.39 -117.04	87.68 2.60 -65.10
WADING RIVER_IC_2 23547	137.58 -2.52 -161.52	105.63 -1.31 -118.28	106.15 2.22 -84.79	89.15 0.58 -83.53	71.81 3.65 -38.32	134.05 15.19 0.00	175.78 16.40 -37.09	155.14 14.40 -36.11	146.03 11.45 -53.82	75.67 3.99 -38.72	135.73 2.61 -111.18	145.44 0.79 -137.24	126.42 6.12 -63.63	124.45 2.63 -97.54	143.43 2.89 -113.93	159.57 5.23 -107.77	159.38 6.45 -100.40	204.87 7.22 -137.63	296.58 2.36 -269.42	234.45 2.42 -207.70	178.84 7.86 -105.39	169.49 12.98 -45.31	129.94 1.39 -117.04	87.68 2.60 -65.10
WADING RIVER_IC_3 23601	137.58 -2.52 -161.52	105.63 -1.31 -118.28	106.15 2.22 -84.79	89.15 0.58 -83.53	71.81 3.65 -38.32	134.05 15.19 0.00	175.78 16.40 -37.09	155.14 14.40 -36.11	146.03 11.45 -53.82	75.67 3.99 -38.72	135.73 2.61 -111.18	145.44 0.79 -137.24	126.42 6.12 -63.63	124.45 2.63 -97.54	143.43 2.89 -113.93	159.57 5.23 -107.77	159.38 6.45 -100.40	204.87 7.22 -137.63	296.58 2.36 -269.42	234.45 2.42 -207.70	178.84 7.86 -105.39	169.49 12.98 -45.31	129.94 1.39 -117.04	87.68 2.60 -65.10
WALDENNY_12_KV_BK2 80841	9.33 2.07 -28.68	10.62 0.95 -21.00	32.57 -1.62 -15.05	19.45 -0.42 -14.83	34.49 -2.15 -6.80	109.83 -9.03 0.00	113.18 -9.11 0.00	96.37 -8.70 -0.44	75.91 -6.34 -1.49	32.34 -2.37 -1.75	25.97 -1.04 -5.06	13.26 -0.22 -6.07	57.06 -2.43 -2.82	27.75 -0.85 -4.32	30.72 -0.93 -5.04	50.06 -1.29 -4.78	55.91 -1.51 -4.88	64.41 -1.67 -6.05	35.95 -0.91 -12.07	33.86 -1.22 -10.76	67.28 -3.82 -5.50	107.30 -7.00 -3.10	28.94 -0.70 -18.13	24.13 -1.22 -5.38
WALDEN__HYDRO 24148	132.95 -1.58 -155.96	102.04 -0.82 -114.20	102.42 1.40 -81.87	86.07 0.38 -80.65	69.23 2.40 -37.00	128.63 9.77 0.00	132.92 10.64 0.00	116.40 9.40 -2.36	96.09 7.68 -7.65	71.90 3.19 -35.76	127.23 2.10 -103.19	131.68 0.68 -123.59	119.34 5.24 -57.44	114.69 2.36 -88.05	132.09 2.63 -102.86	148.57 4.70 -97.30	148.71 5.31 -90.86	190.13 6.19 -123.92	270.71 2.55 -243.36	208.28 2.52 -181.43	166.43 6.63 -94.21	162.51 10.87 -40.44	124.41 1.11 -111.79	81.88 1.95 -59.95
WARRENSBURG____ 23737	196.04 -0.84 -218.31	148.07 -0.45 -159.86	134.50 0.76 -114.61	118.13 0.19 -112.90	83.09 1.47 -51.79	125.63 6.77 0.00	129.86 7.58 0.00	122.43 6.89 -10.91	107.22 5.39 -21.07	33.17 2.12 1.90	17.60 1.15 5.49	1.15 0.31 6.57	56.17 2.56 3.05	20.82 1.23 4.68	22.78 1.65 5.47	44.65 3.24 5.17	56.14 3.67 0.07	57.70 4.26 6.59	19.49 1.78 7.08	56.86 1.70 -30.83	74.79 4.46 -4.73	128.17 6.95 -10.03	143.20 0.66 -131.04	44.39 1.13 -23.28
WATERSIDE____6 8 9 23538	138.32 -1.75 -161.50	105.64 -0.92 -117.90	105.50 1.58 -84.78	87.51 0.42 -82.05	65.38 2.63 -32.92	129.40 10.54 0.00	133.71 11.44 0.02	116.92 10.49 -1.80	131.83 8.67 -42.40	67.37 3.67 -30.74	139.51 2.45 -115.11	145.24 0.80 -137.03	129.51 6.21 -66.63	126.55 2.79 -99.49	143.11 3.00 -113.50	157.61 5.18 -105.86	158.60 5.69 -100.37	203.70 6.46 -137.22	296.43 2.59 -269.04	226.20 2.59 -199.28	176.29 6.86 -103.84	166.73 11.49 -44.04	129.57 1.22 -116.84	87.25 2.19 -65.08
WATKINRD_115KV_LN8_ILLION 55919	-21.75 -0.33 0.00	-11.49 -0.15 0.00	19.37 0.23 0.00	5.10 0.05 0.00	30.34 0.51 0.00	121.51 2.64 0.00	125.36 3.07 0.00	107.73 2.70 -0.39	84.22 2.09 -1.37	33.79 0.83 0.00	20.78 0.47 1.63	7.55 0.14 0.00	57.63 0.96 0.00	25.02 0.46 -0.28	30.78 0.67 -3.49	50.20 1.34 -2.28	54.56 1.55 -0.48	63.51 1.88 -1.60	30.48 0.78 -4.91	27.91 0.72 -2.86	67.42 1.83 0.00	114.10 2.90 0.00	13.05 0.31 -1.24	23.87 0.54 -3.35
WATSON__69_KV_BK 1 55734	137.52 -2.58 -161.52	105.60 -1.34 -118.28	106.21 2.28 -84.79	89.17 0.59 -83.53	71.89 3.74 -38.32	134.29 15.42 0.00	176.09 16.71 -37.09	155.46 14.72 -36.11	146.97 11.79 -54.43	76.68 4.71 -39.02	137.49 3.14 -112.42	145.72 0.97 -137.34	127.86 7.56 -63.63	125.08 3.27 -97.54	144.20 3.66 -113.93	160.81 6.47 -107.77	160.62 7.68 -100.40	206.41 8.73 -137.65	297.41 3.19 -269.42	235.15 3.13 -207.70	180.58 9.54 -105.46	172.42 15.57 -45.65	130.20 1.66 -117.04	88.03 2.95 -65.10
WDELAWARE__HYD 323627	124.55 -1.38 -147.35	95.84 -0.72 -107.90	97.70 1.21 -77.35	81.57 0.33 -76.20	66.88 2.08 -34.96	127.50 8.64 0.00	131.99 9.70 0.00	115.67 8.69 -2.34	94.83 7.13 -6.94	65.29 2.82 -29.51	108.88 1.79 -85.15	109.96 0.58 -101.98	108.30 4.23 -47.40	98.86 1.93 -72.66	113.68 2.20 -84.88	131.07 4.21 -80.29	132.75 4.85 -75.36	168.13 5.85 -102.25	228.26 2.44 -201.03	178.42 2.42 -151.68	150.41 6.27 -78.54	155.84 10.27 -34.37	116.03 1.00 -103.52	73.37 1.74 -51.65

WEST BABYLON___IC 23714	137.67 -2.43 -161.52	105.68 -1.26 -118.28	106.08 2.14 -84.79	89.13 0.56 -83.53	71.69 3.53 -38.32	133.34 14.47 0.00	175.09 15.72 -37.09	154.63 13.89 -36.11	147.64 11.20 -55.67	77.14 4.58 -39.61	139.94 3.05 -114.95	145.90 0.94 -137.55	127.67 7.37 -63.63	125.00 3.18 -97.54	144.10 3.57 -113.93	160.63 6.28 -107.77	160.29 7.35 -100.40	206.10 8.38 -137.69	297.38 3.16 -269.42	235.13 3.10 -207.70	180.38 9.19 -105.60	172.65 15.11 -46.34	130.15 1.60 -117.04	87.94 2.86 -65.10
WEST CANADA___HYD 24049	-21.46 -0.04 0.00	-11.35 -0.01 0.00	19.16 0.02 0.00	5.05 0.01 0.00	30.02 0.19 0.00	119.88 1.01 0.00	123.39 1.10 0.00	105.99 0.97 -0.39	82.98 0.85 -1.37	33.33 0.38 0.00	20.56 0.24 1.63	7.47 0.07 0.00	57.12 0.46 0.00	24.80 0.24 -0.28	30.40 0.30 -3.49	49.37 0.52 -2.28	53.59 0.58 -0.48	62.29 0.66 -1.60	29.99 0.28 -4.91	27.45 0.26 -2.86	66.19 0.60 0.00	112.15 0.95 0.00	12.86 0.12 -1.24	23.55 0.22 -3.35
WESTERN_NY_WIND 24143	5.04 1.63 -24.83	7.59 0.75 -18.19	30.92 -1.26 -13.04	17.55 -0.33 -12.84	34.16 -1.57 -5.89	112.44 -6.43 0.00	116.33 -5.96 0.00	99.14 -5.87 -0.38	77.75 -4.28 -1.27	32.87 -1.59 -1.51	25.73 -0.56 -4.35	12.54 -0.07 -5.21	57.76 -1.32 -2.42	27.55 -0.43 -3.71	30.50 -0.44 -4.33	50.17 -0.51 -4.10	56.29 -0.45 -4.20	64.90 -0.34 -5.21	34.85 -0.33 -10.38	32.96 -0.62 -9.26	68.14 -2.20 -4.74	109.46 -4.41 -2.68	26.74 -0.47 -15.70	23.78 -0.84 -4.65
WESTOVER___LESR 323668	34.19 0.21 -55.41	29.33 0.10 -40.58	48.07 -0.16 -29.09	33.66 -0.03 -28.66	42.95 -0.03 -13.15	118.70 -0.17 0.00	122.33 0.05 0.00	105.56 -0.01 -0.93	84.22 0.40 -3.06	36.65 0.23 -3.46	32.19 0.26 -9.99	19.47 0.09 -11.98	62.75 0.52 -5.57	33.14 0.33 -8.53	36.97 0.40 -9.96	56.87 0.87 -9.43	62.96 0.78 -9.64	72.83 0.81 -11.99	49.15 0.43 -23.93	45.98 0.24 -21.41	76.85 0.41 -10.85	117.43 0.15 -6.08	46.74 0.07 -35.17	30.60 0.11 -10.51
WETHRSFD_WT_PWR 323626	13.05 1.96 -32.50	13.40 0.94 -23.80	34.63 -1.58 -17.06	21.43 -0.42 -16.81	35.21 -2.33 -7.71	108.61 -10.26 0.00	112.23 -10.06 0.00	95.88 -9.26 -0.51	75.82 -6.65 -1.70	32.55 -2.41 -2.00	26.51 -1.20 -5.76	13.96 -0.36 -6.92	56.38 -3.50 -3.22	27.95 -1.25 -4.92	31.04 -1.31 -5.74	50.18 -1.84 -5.44	56.36 -1.74 -5.57	64.30 -2.14 -6.41	37.54 -1.01 -13.76	35.28 -1.32 -12.27	67.91 -3.95 -6.27	106.93 -7.80 -3.53	31.33 -0.75 -20.57	24.79 -1.30 -6.11
WHAVSTOR_138KV_BK127 55557	133.04 -1.40 -155.86	102.07 -0.73 -114.14	102.21 1.24 -81.82	85.98 0.33 -80.61	68.95 2.14 -36.98	127.55 8.68 0.00	131.67 9.39 0.00	115.09 8.16 -2.30	65.42 6.69 22.03	73.08 2.83 -37.29	131.45 1.89 -107.62	136.93 0.62 -128.90	121.34 4.77 -59.91	118.27 2.16 -91.84	136.23 2.36 -107.26	152.17 4.13 -101.46	151.67 4.53 -94.61	194.46 5.21 -129.22	280.63 2.14 -253.69	214.90 2.14 -188.44	169.16 5.62 -97.95	162.28 9.27 -41.81	124.96 0.97 -112.49	83.44 1.73 -61.73
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	133.04 -1.40 -155.86	102.07 -0.73 -114.14	102.21 1.24 -81.82	85.98 0.33 -80.61	68.95 2.14 -36.98	127.55 8.68 0.00	131.67 9.39 0.00	115.09 8.16 -2.30	65.42 6.69 22.03	73.08 2.83 -37.29	131.45 1.89 -107.62	136.93 0.62 -128.90	121.34 4.77 -59.91	118.27 2.16 -91.84	136.23 2.36 -107.26	152.17 4.13 -101.46	151.67 4.53 -94.61	194.46 5.21 -129.22	280.63 2.14 -253.69	214.90 2.14 -188.44	169.16 5.62 -97.95	162.28 9.27 -41.81	124.96 0.97 -112.49	83.44 1.73 -61.73
WHITEHAL_115KV_TB1 80871	195.49 -1.14 -218.05	147.69 -0.64 -159.67	134.71 1.09 -114.47	118.08 0.27 -112.77	83.75 2.19 -51.73	129.34 10.47 0.00	134.05 11.77 0.00	126.15 10.70 -10.82	110.08 8.39 -20.93	34.36 3.22 1.82	18.26 1.58 5.26	1.53 0.43 6.30	57.39 3.65 2.93	21.68 1.89 4.49	23.83 2.47 5.24	46.71 5.09 4.96	58.09 5.43 -0.12	59.78 6.07 6.32	20.75 2.55 6.60	57.73 2.45 -30.96	77.05 6.54 -4.91	131.79 10.50 -10.09	143.41 0.98 -130.92	44.98 1.67 -23.34
WHITEPLN_13_KV_LOAD 356215	137.96 -1.79 -161.17	105.75 -0.93 -118.02	105.34 1.59 -84.61	88.82 0.42 -83.35	70.76 2.68 -38.24	129.87 11.00 0.00	134.22 11.94 0.00	117.67 10.66 -2.38	133.83 8.71 -44.36	76.09 3.65 -39.48	138.26 2.41 -113.91	144.64 0.81 -136.43	126.24 6.17 -63.41	124.25 2.77 -97.20	143.18 3.05 -113.53	159.32 5.36 -107.39	158.56 5.98 -100.05	203.68 6.89 -136.77	296.06 2.79 -268.48	226.17 2.75 -199.10	176.37 7.27 -103.51	167.29 12.04 -44.05	129.51 1.25 -116.76	87.07 2.20 -64.89
WM_FLOYD_69_KV_BK2 356380	137.59 -2.51 -161.52	105.64 -1.30 -118.28	106.14 2.20 -84.79	89.15 0.57 -83.53	71.78 3.62 -38.32	133.95 15.08 0.00	175.67 16.29 -37.09	155.03 14.29 -36.11	145.95 11.34 -53.85	75.91 4.22 -38.74	135.96 2.78 -111.25	145.50 0.85 -137.25	126.87 6.57 -63.63	124.66 2.83 -97.54	143.73 3.20 -113.93	160.02 5.68 -107.77	159.89 6.95 -100.40	205.45 7.80 -137.63	296.88 2.67 -269.42	234.65 2.62 -207.70	179.47 8.49 -105.39	170.41 13.89 -45.33	130.04 1.49 -117.04	87.78 2.71 -65.10
WOODARD___115KV_TB2 355635	-4.48 0.40 -16.54	0.79 0.19 -11.94	26.77 -0.33 -7.96	13.44 -0.09 -8.50	33.29 -0.48 -3.93	116.89 -1.98 0.00	120.57 -1.72 0.00	103.19 -1.44 0.00	80.25 -0.85 -0.34	33.73 -0.20 -0.97	22.45 -0.07 -0.58	10.73 -0.02 -3.35	57.57 -0.65 -1.56	26.52 -0.14 -2.38	29.22 -0.17 -2.78	48.87 -0.34 -2.63	54.85 -0.43 -2.74	62.93 -0.48 -3.38	31.28 -0.13 -6.61	29.50 -0.21 -5.39	67.89 -0.80 -3.10	111.26 -1.69 -1.76	21.84 -0.11 -10.45	22.85 -0.19 -3.07
YORK___WARBASSE 23770	138.19 -1.88 -161.50	107.70 -1.00 -120.03	105.65 1.72 -84.79	96.25 0.45 -90.76	97.50 2.85 -64.82	130.02 11.14 -0.01	134.59 12.19 -0.12	120.96 11.11 -5.22	133.81 9.13 -43.93	119.97 3.90 -83.12	139.86 2.59 -115.33	145.63 0.86 -137.37	137.21 6.49 -74.05	134.10 2.93 -106.89	145.66 3.19 -115.87	169.06 5.51 -116.98	158.89 5.98 -100.37	204.12 6.87 -137.22	298.50 2.77 -270.94	229.07 2.77 -201.98	176.68 7.24 -103.84	168.28 12.23 -44.85	130.72 1.31 -117.91	87.38 2.32 -65.08