

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

01/17/2025

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 24138	101.02	133.56	131.61	128.23	166.53	127.32	205.80	208.24	314.75	291.66	90.70	99.11	97.64	112.55	157.57	144.31	133.02	132.55	140.89	70.09	60.25	53.62	60.87	72.33
	7.74	9.72	9.13	7.63	10.71	8.08	10.95	13.79	18.11	7.51	5.88	7.98	6.63	6.24	3.08	6.26	6.10	9.82	8.76	4.08	4.78	4.46	4.66	5.05
	-2.37	-8.46	-8.24	-19.35	-18.01	-18.50	-77.76	-53.14	-119.10	-213.86	-24.94	-2.20	-14.49	-33.44	-119.00	-69.05	-61.80	-21.37	-40.73	-23.61	-6.05	0.00	-2.31	0.00
74TH STREET_GT_1 24260	101.22	133.84	131.87	128.47	166.92	127.58	206.09	208.48	314.96	291.71	90.74	99.18	97.69	112.62	157.62	144.40	133.10	132.66	141.04	70.17	60.35	53.72	60.99	72.49
	7.93	10.00	9.39	7.86	11.09	8.34	11.21	14.02	18.30	7.51	5.91	8.04	6.68	6.31	3.12	6.34	6.17	9.92	8.91	4.15	4.88	4.56	4.77	5.22
	-2.37	-8.46	-8.24	-19.35	-18.01	-18.51	-77.78	-53.15	-119.13	-213.91	-24.94	-2.21	-14.49	-33.45	-119.03	-69.06	-61.81	-21.37	-40.74	-23.62	-6.05	0.00	-2.31	0.00
74TH STREET_GT_2 24261	101.22	133.84	131.87	128.47	166.92	127.58	206.09	208.48	314.96	291.71	90.74	99.18	97.69	112.62	157.62	144.40	133.10	132.66	141.04	70.17	60.35	53.72	60.99	72.49
	7.93	10.00	9.39	7.86	11.09	8.34	11.21	14.02	18.30	7.51	5.91	8.04	6.68	6.31	3.12	6.34	6.17	9.92	8.91	4.15	4.88	4.56	4.77	5.22
	-2.37	-8.46	-8.24	-19.35	-18.01	-18.51	-77.78	-53.15	-119.13	-213.91	-24.94	-2.21	-14.49	-33.45	-119.03	-69.06	-61.81	-21.37	-40.74	-23.62	-6.05	0.00	-2.31	0.00
ADK HUDSON___FALLS 24011	111.89	177.14	174.50	232.59	262.67	226.73	627.19	487.05	914.24	1092.25	224.34	97.50	100.00	120.29	189.51	162.27	150.08	136.52	150.97	76.15	60.71	52.37	60.30	71.02
	5.69	7.21	7.11	6.53	8.70	6.66	8.58	10.56	14.00	5.46	4.45	5.75	4.90	4.69	2.28	4.88	4.67	7.40	6.66	3.07	3.43	3.21	3.39	3.75
	-15.27	-54.55	-53.15	-124.79	-116.16	-119.33	-501.52	-335.18	-722.71	-1016.50	-159.99	-2.83	-18.57	-42.74	-151.74	-88.38	-80.29	-27.76	-52.92	-30.67	-7.85	0.00	-3.00	0.00
ADK RESOURCE___RCVRY 23798	112.36	177.95	175.35	233.84	263.98	227.89	630.52	489.75	919.38	1097.78	225.58	97.74	100.19	120.52	189.72	162.71	150.48	137.15	151.55	76.44	60.94	52.55	60.51	71.22
	6.09	7.72	7.68	7.13	9.40	7.20	9.28	11.51	15.39	5.88	4.86	5.98	5.08	4.89	2.38	5.26	5.02	8.01	7.20	3.34	3.65	3.39	3.60	3.95
	-15.35	-54.84	-53.43	-125.45	-116.77	-119.96	-504.14	-336.93	-726.46	-1021.60	-160.83	-2.83	-18.58	-42.77	-151.85	-88.44	-80.35	-27.78	-52.96	-30.70	-7.86	0.00	-3.00	0.00
ADK S GLENS___FALLS 24028	111.89	177.14	174.50	232.59	262.67	226.73	627.19	487.05	914.24	1092.25	224.34	97.50	100.00	120.29	189.51	162.27	150.08	136.52	150.97	76.15	60.71	52.37	60.30	71.02
	5.69	7.21	7.11	6.53	8.70	6.66	8.58	10.56	14.00	5.46	4.45	5.75	4.90	4.69	2.28	4.88	4.67	7.40	6.66	3.07	3.43	3.21	3.39	3.75
	-15.27	-54.55	-53.15	-124.79	-116.16	-119.33	-501.52	-335.18	-722.71	-1016.50	-159.99	-2.83	-18.57	-42.74	-151.74	-88.38	-80.29	-27.76	-52.92	-30.67	-7.85	0.00	-3.00	0.00
ADK_NYS___DAM 23527	110.22	166.35	163.95	203.40	236.66	198.93	502.19	404.19	734.57	849.52	184.32	98.69	100.60	119.95	184.49	159.64	147.52	136.26	149.67	75.34	61.02	53.16	61.14	72.33
	7.90	10.25	10.04	8.99	12.14	9.12	10.74	12.40	15.85	6.73	5.23	7.04	6.19	5.91	2.80	5.54	5.20	8.20	7.39	3.44	4.04	3.99	4.35	5.06
	-11.40	-40.72	-39.68	-93.15	-86.71	-89.08	-374.36	-250.48	-541.18	-772.50	-119.20	-2.72	-17.89	-41.17	-146.20	-85.10	-77.21	-26.69	-50.89	-29.50	-7.55	0.00	-2.88	0.00
AIR_PRODUCTS___DRP 24190	103.13	149.57	147.53	171.45	205.23	168.01	387.00	324.33	567.27	614.05	146.90	95.60	97.98	117.36	183.66	156.89	144.99	131.47	145.53	73.52	58.71	50.80	58.80	69.92
	4.14	5.36	5.22	4.26	6.05	4.23	4.94	5.86	7.47	3.18	2.54	3.94	3.49	3.13	1.31	2.35	2.13	3.22	2.90	1.42	1.68	1.64	1.99	2.64
	-8.07	-28.82	-28.08	-65.93	-61.37	-63.05	-264.97	-177.16	-382.27	-540.59	-84.47	-2.73	-17.97	-41.37	-146.86	-85.54	-77.74	-26.88	-51.24	-29.70	-7.60	0.00	-2.90	0.00
AKWESSNE_115KV_BK 355683	89.70	113.81	112.94	100.32	136.22	99.00	114.21	137.79	172.42	68.12	58.32	86.27	74.53	70.99	34.45	67.16	63.25	98.59	88.94	41.24	48.19	48.23	53.08	66.89
	-1.22	-1.57	-1.30	-0.94	-1.59	-1.74	-2.88	-3.51	-5.11	-2.17	-1.56	-2.66	-1.99	-1.87	-1.04	-1.84	-1.87	-2.78	-2.45	-1.16	-1.24	-0.93	-0.82	-0.38
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR 323833	101.66	142.75	140.99	154.92	190.18	152.36	318.09	278.93	468.00	472.38	125.02	96.11	98.14	117.43	181.53	156.40	144.70	132.73	146.17	73.65	59.34	51.57	59.47	70.66
	4.81	6.17	6.11	5.19	7.25	5.28	6.21	7.36	9.31	3.61	3.02	4.50	4.00	3.90	1.66	3.40	3.29	4.99	4.49	2.11	2.45	2.41	2.71	3.39
	-5.93	-21.19	-20.64	-48.47	-45.12	-46.35	-194.79	-130.26	-281.16	-398.47	-62.11	-2.68	-17.62	-40.67	-144.38	-83.99	-76.29	-26.38	-50.28	-29.15	-7.46	0.00	-2.85	0.00
ALBANY_2_SOLAR 323834	101.61	142.67	140.92	154.84	190.12	152.30	317.91	278.79	467.74	472.04	124.95	96.10	98.11	117.41	181.53	156.40	144.67	132.69	146.12	73.65	59.33	51.54	59.46	70.65
	4.77	6.11	6.05	5.14	7.23	5.24	6.17	7.31	9.25	3.59	3.00	4.49	3.96	3.87	1.66	3.39	3.26	4.95	4.44	2.10	2.44	2.38	2.70	3.38
	-5.93	-21.17	-20.63	-48.44	-45.09	-46.32	-194.66	-130.17	-280.96	-398.16	-62.07	-2.68	-17.62	-40.68	-144.39	-84.00	-76.30	-26.38	-50.29	-29.15	-7.46	0.00	-2.85	0.00
ALBANY___1 23571	103.13	149.57	147.53	171.45	205.23	168.01	387.00	324.33	567.27	614.05	146.90	95.60	97.98	117.36	183.66	156.89	144.99	131.47	145.53	73.52	58.71	50.80	58.80	69.92
	4.14	5.36	5.22	4.26	6.05	4.23	4.94	5.86	7.47	3.18	2.54	3.94	3.49	3.13	1.31	2.35	2.13	3.22	2.90	1.42	1.68	1.64	1.99	2.64
	-8.07	-28.82	-28.08	-65.93	-61.37	-63.05	-264.97	-177.16	-382.27	-540.59	-84.47	-2.73	-17.97	-41.37	-146.86	-85.54	-77.74	-26.88	-51.24	-29.70	-7.60	0.00	-2.90	0.00

ALBANY___2 23572	103.13 4.14 -8.07	149.57 5.36 -28.82	147.53 5.22 -28.08	171.45 4.26 -65.93	205.23 6.05 -61.37	168.01 4.23 -63.05	387.00 4.94 -264.97	324.33 5.86 -177.16	567.27 7.47 -382.27	614.05 3.18 -540.59	146.90 2.54 -84.47	95.60 3.94 -2.73	97.98 3.49 -17.97	117.36 3.13 -41.37	183.66 1.31 -146.86	156.89 2.35 -85.54	144.99 2.13 -77.74	131.47 3.22 -26.88	145.53 2.90 -51.24	73.52 1.42 -29.70	58.71 1.68 -7.60	50.80 1.64 0.00	58.80 1.99 -2.90	69.92 2.64 0.00
ALBANY___3 23573	103.13 4.14 -8.07	149.57 5.36 -28.82	147.53 5.22 -28.08	171.45 4.26 -65.93	205.23 6.05 -61.37	168.01 4.23 -63.05	387.00 4.94 -264.97	324.33 5.86 -177.16	567.27 7.47 -382.27	614.05 3.18 -540.59	146.90 2.54 -84.47	95.60 3.94 -2.73	97.98 3.49 -17.97	117.36 3.13 -41.37	183.66 1.31 -146.86	156.89 2.35 -85.54	144.99 2.13 -77.74	131.47 3.22 -26.88	145.53 2.90 -51.24	73.52 1.42 -29.70	58.71 1.68 -7.60	50.80 1.64 0.00	58.80 1.99 -2.90	69.92 2.64 0.00
ALBANY___4 23574	103.13 4.14 -8.07	149.57 5.36 -28.82	147.53 5.22 -28.08	171.45 4.26 -65.93	205.23 6.05 -61.37	168.01 4.23 -63.05	387.00 4.94 -264.97	324.33 5.86 -177.16	567.27 7.47 -382.27	614.05 3.18 -540.59	146.90 2.54 -84.47	95.60 3.94 -2.73	97.98 3.49 -17.97	117.36 3.13 -41.37	183.66 1.31 -146.86	156.89 2.35 -85.54	144.99 2.13 -77.74	131.47 3.22 -26.88	145.53 2.90 -51.24	73.52 1.42 -29.70	58.71 1.68 -7.60	50.80 1.64 0.00	58.80 1.99 -2.90	69.92 2.64 0.00
ALBANY___LFGE 323615	106.18 4.93 -10.33	158.63 6.36 -36.89	156.36 6.18 -35.95	190.85 5.20 -84.40	223.65 7.27 -78.56	186.70 5.26 -80.71	462.49 6.23 -339.17	375.52 7.45 -226.76	676.32 9.53 -489.25	765.74 4.02 -691.44	171.28 3.24 -108.15	96.46 4.77 -2.76	98.85 4.19 -18.14	118.44 3.82 -41.76	185.43 1.70 -148.25	158.50 3.15 -86.34	146.46 2.90 -78.45	132.95 4.46 -27.12	147.09 3.99 -51.71	74.30 1.93 -29.97	59.33 2.23 -7.67	51.34 2.18 0.00	59.35 2.51 -2.93	70.45 3.18 0.00
ALCOA_PA_115KV_PL-6C 55860	90.16 -0.76 0.00	114.47 -0.91 0.00	113.48 -0.76 0.00	100.88 -0.38 0.00	136.86 -0.96 0.00	99.39 -1.35 0.00	114.63 -2.47 0.00	138.03 -3.28 0.00	172.67 -4.86 0.00	68.36 -1.93 0.00	58.56 -1.33 0.00	86.24 -2.68 0.00	74.65 -1.87 0.00	71.12 -1.74 0.00	34.44 -1.04 0.00	67.34 -1.67 0.00	63.30 -1.81 0.00	98.69 -2.67 0.00	88.86 -2.54 0.00	41.17 -1.23 0.00	48.11 -1.32 0.00	48.31 -0.86 0.00	53.21 -0.70 0.00	67.08 -0.19 0.00
ALCOA_RYNLDS___DRP 24188	90.16 -0.76 0.00	114.47 -0.91 0.00	113.48 -0.76 0.00	100.88 -0.38 0.00	136.86 -0.96 0.00	99.39 -1.35 0.00	114.63 -2.47 0.00	138.03 -3.28 0.00	172.67 -4.86 0.00	68.36 -1.93 0.00	58.56 -1.33 0.00	86.24 -2.68 0.00	74.65 -1.87 0.00	71.12 -1.74 0.00	34.44 -1.04 0.00	67.34 -1.67 0.00	63.30 -1.81 0.00	98.69 -2.67 0.00	88.86 -2.54 0.00	41.17 -1.23 0.00	48.11 -1.32 0.00	48.31 -0.86 0.00	53.21 -0.70 0.00	67.08 -0.19 0.00
ALCOA___DSASP 323711	90.16 -0.76 0.00	114.47 -0.91 0.00	113.48 -0.76 0.00	100.88 -0.38 0.00	136.86 -0.95 0.00	99.39 -1.34 0.00	114.62 -2.47 0.00	138.03 -3.27 0.00	172.68 -4.86 0.00	68.36 -1.93 0.00	58.55 -1.34 0.00	86.24 -2.68 0.00	74.66 -1.87 0.00	71.13 -1.73 0.00	34.45 -1.04 0.00	67.34 -1.67 0.00	63.31 -1.81 0.00	98.70 -2.66 0.00	88.86 -2.54 0.00	41.17 -1.23 0.00	48.11 -1.32 0.00	48.31 -0.86 0.00	53.21 -0.70 0.00	67.08 -0.19 0.00
ALLEGHENY___COGEN 23514	92.73 1.45 -0.36	118.06 1.38 -1.30	117.12 1.61 -1.27	105.58 1.35 -2.98	142.23 1.65 -2.77	106.07 2.49 -2.85	125.49 -2.44 -10.84	144.01 -5.32 -8.02	188.94 -6.04 -17.44	94.25 -2.64 -26.60	62.04 -1.65 -3.80	84.52 -4.80 -0.40	74.99 -4.13 -2.60	74.09 -4.77 -5.99	57.61 -1.95 -24.07	77.14 -4.16 -12.29	70.85 -3.47 -9.21	88.96 -7.31 5.09	70.74 -5.59 15.06	67.46 -1.51 -26.57	58.56 0.72 -8.41	70.61 -0.54 -21.99	48.50 -1.03 4.37	78.52 -1.57 -12.82
ALTAMONT_115KV_TB 2 55880	100.42 3.49 -6.01	141.34 4.49 -21.46	139.46 4.31 -20.91	154.02 3.67 -49.10	188.64 5.13 -45.70	151.52 3.84 -46.95	319.13 4.73 -197.32	278.75 5.62 -131.82	468.79 7.25 -284.01	470.57 3.00 -397.29	125.29 2.47 -62.93	95.64 3.99 -2.73	97.92 3.44 -17.96	117.45 3.25 -41.33	183.74 1.53 -146.73	157.40 2.89 -85.50	145.62 2.74 -77.76	132.47 4.22 -26.88	146.48 3.83 -51.25	73.91 1.80 -29.71	59.12 2.08 -7.61	51.18 2.02 0.00	59.06 2.24 -2.90	69.88 2.61 0.00
ALTONA_WT_PWR 323606	91.59 0.68 0.00	116.33 0.94 0.00	115.37 1.14 0.00	102.57 1.31 0.00	138.99 1.18 0.00	100.81 0.07 0.00	116.16 -0.93 0.00	139.74 -1.57 0.00	174.88 -2.65 0.00	69.39 -0.89 0.00	59.46 -0.43 0.00	87.59 -1.34 0.00	75.60 -0.92 0.00	72.09 -0.77 0.00	34.94 -0.54 0.00	68.20 -0.80 0.00	64.54 -0.57 0.00	100.51 -0.85 0.00	90.26 -1.13 0.00	41.82 -0.58 0.00	48.60 -0.83 0.00	48.52 -0.64 0.00	53.21 -0.70 0.00	67.19 -0.08 0.00
AMERICAN_REF_FUEL 24010	84.58 -6.34 0.00	107.41 -7.98 0.00	106.39 -7.85 0.00	93.87 -7.38 0.00	127.58 -10.23 0.00	94.14 -6.59 0.00	106.16 -10.23 0.70	127.37 -13.98 -0.05	160.70 -17.14 -0.30	66.41 -6.24 -2.37	54.71 -5.17 0.00	79.82 -9.46 -0.35	70.40 -8.45 -2.33	69.73 -8.49 -5.36	49.80 -4.07 -18.38	71.71 -8.30 -11.00	66.50 -7.36 -8.74	86.94 -12.28 2.14	58.79 -10.34 22.26	31.84 -4.49 6.07	31.44 -5.10 12.89	34.34 -5.27 9.55	35.62 -6.05 12.23	53.28 -7.05 6.94
ARKWRIGHT___SUMMIT_WT_PWR 323751	87.56 -3.73 -0.36	111.64 -5.04 -1.29	110.23 -5.27 -1.26	98.99 -5.22 -2.95	133.07 -7.49 -2.75	99.73 -3.83 -2.83	121.82 -6.27 -11.00	141.16 -8.12 -7.97	185.40 -9.46 -17.33	93.64 -3.09 -26.43	60.92 -2.75 -3.78	83.73 -5.59 -0.39	72.95 -6.17 -2.60	72.49 -6.35 -5.98	53.17 -2.86 -20.55	74.81 -6.46 -12.27	68.47 -6.25 -9.60	87.17 -11.10 3.09	52.93 -10.85 27.61	30.72 -4.98 6.69	28.52 -5.82 15.09	32.58 -6.01 10.57	32.41 -6.81 14.69	51.27 -8.21 7.78
ARTHUR KILL_GT_1 23520	100.88 7.60 -2.37	133.41 9.57 -8.46	131.56 9.08 -8.24	127.98 7.36 -19.35	166.34 10.51 -18.01	127.07 7.83 -18.51	205.48 10.62 -77.78	207.65 13.20 -53.15	313.66 17.00 -119.13	291.09 6.89 -213.91	90.15 5.32 -24.94	98.34 7.21 -2.21	96.96 5.95 -14.49	111.90 5.58 -33.45	157.29 2.78 -119.03	143.75 5.69 -69.06	132.44 5.52 -61.81	131.61 8.87 -21.37	140.18 8.05 -40.74	69.84 3.82 -23.62	67.15 4.90 -12.82	68.72 4.62 -14.94	69.54 4.76 -10.87	80.19 5.02 -7.89
ARTHUR_KILL_2 23512	100.61 7.32 -2.37	133.07 9.22 -8.46	131.22 8.74 -8.24	127.67 7.06 -19.35	165.92 10.10 -18.01	126.76 7.52 -18.51	205.12 10.25 -77.78	207.20 12.74 -53.15	313.08 16.42 -119.13	290.87 6.67 -213.91	89.97 5.14 -24.94	98.09 6.96 -2.21	96.75 5.74 -14.49	111.72 5.41 -33.45	157.19 2.69 -119.03	143.57 5.50 -69.06	132.23 5.30 -61.81	131.27 8.53 -21.37	139.88 7.74 -40.74	69.70 3.68 -23.62	66.98 4.73 -12.82	68.55 4.45 -14.94	69.38 4.59 -10.87	79.99 4.82 -7.89
ARTHUR_KILL_3 23513	99.99 6.71 -2.37	132.25 8.41 -8.46	130.35 7.87 -8.24	85.63 6.41 22.04	162.69 9.17 -15.70	95.29 6.81 12.25	190.36 9.48 -63.79	193.11 11.93 -39.88	299.46 15.61 -106.32	275.42 6.48 -198.65	86.69 4.97 -21.83	69.63 6.64 25.94	68.30 5.46 13.68	71.63 5.12 6.35	99.56 2.55 -61.53	94.80 5.23 -20.56	116.63 5.10 -46.42	131.07 8.33 -21.37	139.60 7.47 -40.74	69.53 3.51 -23.61	66.69 4.12 -13.14	68.63 3.81 -15.66	68.39 3.98 -10.49	79.82 4.25 -8.30

ARTHUR_KILL_COGEN 323718	100.88 7.60 -2.37	133.41 9.57 -8.46	131.56 9.08 -8.24	127.98 7.36 -19.35	166.34 10.51 -18.01	127.07 7.83 -18.51	205.48 10.62 -77.78	207.65 13.20 -53.15	313.66 17.00 -119.13	291.09 6.89 -213.91	90.15 5.32 -24.94	98.34 7.21 -2.21	96.96 5.95 -14.49	111.90 5.58 -33.45	157.29 2.78 -119.03	143.75 5.69 -69.06	132.44 5.52 -61.81	131.61 8.87 -21.37	140.18 8.05 -40.74	69.84 3.82 -23.62	67.15 4.90 -12.82	68.72 4.62 -14.94	69.54 4.76 -10.87	80.19 5.02 -7.89
ASHOKAN____ 23654	105.46 9.58 -4.97	144.73 11.61 -17.74	142.91 11.39 -17.28	151.37 9.54 -40.57	189.19 13.61 -37.77	149.72 10.19 -38.80	293.07 12.91 -163.06	266.85 16.09 -109.45	435.82 20.47 -237.82	431.25 7.82 -353.15	118.18 6.26 -52.03	100.45 9.05 -2.47	99.87 7.09 -16.25	116.66 5.76 -38.04	173.24 2.77 -134.99	152.70 5.81 -77.89	141.22 5.74 -70.36	135.40 9.71 -24.33	146.39 8.62 -46.38	73.13 3.84 -26.89	60.98 4.67 -6.88	53.73 4.57 0.00	61.26 4.73 -2.63	72.75 5.48 0.00
ASTORIA_EAST_ENERGY_CC1 323581	100.60 7.31 -2.37	132.85 9.01 -8.46	131.13 8.66 -8.24	127.54 6.93 -19.35	165.97 10.15 -18.01	126.77 7.52 -18.51	205.27 10.40 -77.78	207.60 13.15 -53.15	313.88 17.21 -119.13	291.14 6.94 -213.91	90.12 5.29 -24.94	98.23 7.10 -2.21	96.88 5.87 -14.49	111.92 5.61 -33.45	157.49 2.83 -119.18	144.00 5.93 -69.06	132.96 5.80 -62.04	132.05 9.07 -21.62	141.07 8.28 -41.40	69.80 3.78 -23.62	59.95 4.48 -6.05	53.41 4.25 0.00	60.72 4.50 -2.31	72.04 4.77 0.00
ASTORIA_EAST_ENERGY_CC2 323582	100.60 7.31 -2.37	132.88 9.04 -8.46	131.15 8.67 -8.24	127.55 6.94 -19.35	165.99 10.16 -18.01	126.77 7.52 -18.51	205.27 10.40 -77.78	207.62 13.17 -53.15	313.88 17.21 -119.13	291.14 6.94 -213.91	90.12 5.29 -24.94	98.23 7.10 -2.21	96.88 5.87 -14.49	111.92 5.61 -33.45	157.49 2.83 -119.18	144.00 5.93 -69.06	132.96 5.80 -62.04	132.05 9.07 -21.62	141.07 8.28 -41.40	69.80 3.78 -23.62	59.95 4.48 -6.05	53.41 4.25 0.00	60.71 4.50 -2.31	72.04 4.77 0.00
ASTORIA_GT2_1 24094	100.63 7.34 -2.37	132.91 9.06 -8.46	131.19 8.71 -8.24	127.60 6.99 -19.35	166.07 10.24 -18.01	126.82 7.58 -18.51	205.33 10.45 -77.78	207.73 13.27 -53.15	313.99 17.32 -119.13	291.20 7.00 -213.91	90.18 5.35 -24.94	98.29 7.16 -2.21	96.94 5.93 -14.49	111.96 5.65 -33.45	157.51 2.85 -119.18	143.92 5.85 -69.06	132.96 5.79 -62.04	132.10 9.11 -21.62	141.14 8.35 -41.40	69.82 3.80 -23.62	59.99 4.51 -6.05	53.44 4.27 0.00	60.71 4.49 -2.31	72.07 4.80 0.00
ASTORIA_GT2_2 24095	100.63 7.34 -2.37	132.91 9.06 -8.46	131.19 8.71 -8.24	127.60 6.99 -19.35	166.07 10.24 -18.01	126.82 7.58 -18.51	205.33 10.45 -77.78	207.73 13.27 -53.15	313.99 17.32 -119.13	291.20 7.00 -213.91	90.18 5.35 -24.94	98.29 7.16 -2.21	96.94 5.93 -14.49	111.96 5.65 -33.45	157.51 2.85 -119.18	143.92 5.85 -69.06	132.96 5.79 -62.04	132.10 9.11 -21.62	141.14 8.35 -41.40	69.82 3.80 -23.62	59.99 4.51 -6.05	53.44 4.27 0.00	60.71 4.49 -2.31	72.07 4.80 0.00
ASTORIA_GT2_3 24096	100.63 7.34 -2.37	132.91 9.06 -8.46	131.19 8.71 -8.24	127.60 6.99 -19.35	166.07 10.24 -18.01	126.82 7.58 -18.51	205.33 10.45 -77.78	207.73 13.27 -53.15	313.99 17.32 -119.13	291.20 7.00 -213.91	90.18 5.35 -24.94	98.29 7.16 -2.21	96.94 5.93 -14.49	111.96 5.65 -33.45	157.51 2.85 -119.18	143.92 5.85 -69.06	132.96 5.79 -62.04	132.10 9.11 -21.62	141.14 8.35 -41.40	69.82 3.80 -23.62	59.99 4.51 -6.05	53.44 4.27 0.00	60.71 4.49 -2.31	72.07 4.80 0.00
ASTORIA_GT2_4 24097	100.63 7.34 -2.37	132.91 9.06 -8.46	131.19 8.71 -8.24	127.60 6.99 -19.35	166.07 10.24 -18.01	126.82 7.58 -18.51	205.33 10.45 -77.78	207.73 13.27 -53.15	313.99 17.32 -119.13	291.20 7.00 -213.91	90.18 5.35 -24.94	98.29 7.16 -2.21	96.94 5.93 -14.49	111.96 5.65 -33.45	157.51 2.85 -119.18	143.92 5.85 -69.06	132.96 5.79 -62.04	132.10 9.11 -21.62	141.14 8.35 -41.40	69.82 3.80 -23.62	59.99 4.51 -6.05	53.44 4.27 0.00	60.71 4.49 -2.31	72.07 4.80 0.00
ASTORIA_GT3_1 24098	100.63 7.34 -2.37	132.91 9.06 -8.46	131.19 8.71 -8.24	127.60 6.99 -19.35	166.07 10.24 -18.01	126.82 7.58 -18.51	205.33 10.45 -77.78	207.73 13.27 -53.15	313.99 17.32 -119.13	291.20 7.00 -213.91	90.18 5.35 -24.94	98.29 7.16 -2.21	96.94 5.93 -14.49	111.96 5.65 -33.45	157.51 2.85 -119.18	143.92 5.85 -69.06	132.96 5.79 -62.04	132.10 9.11 -21.62	141.14 8.35 -41.40	69.82 3.80 -23.62	59.99 4.51 -6.05	53.44 4.27 0.00	60.71 4.49 -2.31	72.07 4.80 0.00
ASTORIA_GT3_2 24099	100.63 7.34 -2.37	132.91 9.06 -8.46	131.19 8.71 -8.24	127.60 6.99 -19.35	166.07 10.24 -18.01	126.82 7.58 -18.51	205.33 10.45 -77.78	207.73 13.27 -53.15	313.99 17.32 -119.13	291.20 7.00 -213.91	90.18 5.35 -24.94	98.29 7.16 -2.21	96.94 5.93 -14.49	111.96 5.65 -33.45	157.51 2.85 -119.18	143.92 5.85 -69.06	132.96 5.79 -62.04	132.10 9.11 -21.62	141.14 8.35 -41.40	69.82 3.80 -23.62	59.99 4.51 -6.05	53.44 4.27 0.00	60.71 4.49 -2.31	72.07 4.80 0.00
ASTORIA_GT3_3 24100	100.63 7.34 -2.37	132.91 9.06 -8.46	131.19 8.71 -8.24	127.60 6.99 -19.35	166.07 10.24 -18.01	126.82 7.58 -18.51	205.33 10.45 -77.78	207.73 13.27 -53.15	313.99 17.32 -119.13	291.20 7.00 -213.91	90.18 5.35 -24.94	98.29 7.16 -2.21	96.94 5.93 -14.49	111.96 5.65 -33.45	157.51 2.85 -119.18	143.92 5.85 -69.06	132.96 5.79 -62.04	132.10 9.11 -21.62	141.14 8.35 -41.40	69.82 3.80 -23.62	59.99 4.51 -6.05	53.44 4.27 0.00	60.71 4.49 -2.31	72.07 4.80 0.00
ASTORIA_GT3_4 24101	100.63 7.34 -2.37	132.91 9.06 -8.46	131.19 8.71 -8.24	127.60 6.99 -19.35	166.07 10.24 -18.01	126.82 7.58 -18.51	205.33 10.45 -77.78	207.73 13.27 -53.15	313.99 17.32 -119.13	291.20 7.00 -213.91	90.18 5.35 -24.94	98.29 7.16 -2.21	96.94 5.93 -14.49	111.96 5.65 -33.45	157.51 2.85 -119.18	143.92 5.85 -69.06	132.96 5.79 -62.04	132.10 9.11 -21.62	141.14 8.35 -41.40	69.82 3.80 -23.62	59.99 4.51 -6.05	53.44 4.27 0.00	60.71 4.49 -2.31	72.07 4.80 0.00
ASTORIA_GT4_1 24102	100.63 7.34 -2.37	132.91 9.06 -8.46	131.19 8.71 -8.24	127.60 6.99 -19.35	166.07 10.24 -18.01	126.82 7.58 -18.51	205.33 10.45 -77.78	207.73 13.27 -53.15	313.99 17.32 -119.13	291.20 7.00 -213.91	90.18 5.35 -24.94	98.29 7.16 -2.21	96.94 5.93 -14.49	111.96 5.65 -33.45	157.51 2.85 -119.18	143.92 5.85 -69.06	132.96 5.79 -62.04	132.10 9.11 -21.62	141.14 8.35 -41.40	69.82 3.80 -23.62	59.99 4.51 -6.05	53.44 4.27 0.00	60.71 4.49 -2.31	72.07 4.80 0.00
ASTORIA_GT4_2 24103	100.63 7.34 -2.37	132.91 9.06 -8.46	131.19 8.71 -8.24	127.60 6.99 -19.35	166.07 10.24 -18.01	126.82 7.58 -18.51	205.33 10.45 -77.78	207.73 13.27 -53.15	313.99 17.32 -119.13	291.20 7.00 -213.91	90.18 5.35 -24.94	98.29 7.16 -2.21	96.94 5.93 -14.49	111.96 5.65 -33.45	157.51 2.85 -119.18	143.92 5.85 -69.06	132.96 5.79 -62.04	132.10 9.11 -21.62	141.14 8.35 -41.40	69.82 3.80 -23.62	59.99 4.51 -6.05	53.44 4.27 0.00	60.71 4.49 -2.31	72.07 4.80 0.00
ASTORIA_GT4_3 24104	100.63 7.34 -2.37	132.91 9.06 -8.46	131.19 8.71 -8.24	127.60 6.99 -19.35	166.07 10.24 -18.01	126.82 7.58 -18.51	205.33 10.45 -77.78	207.73 13.27 -53.15	313.99 17.32 -119.13	291.20 7.00 -213.91	90.18 5.35 -24.94	98.29 7.16 -2.21	96.94 5.93 -14.49	111.96 5.65 -33.45	157.51 2.85 -119.18	143.92 5.85 -69.06	132.96 5.79 -62.04	132.10 9.11 -21.62	141.14 8.35 -41.40	69.82 3.80 -23.62	59.99 4.51 -6.05	53.44 4.27 0.00	60.71 4.49 -2.31	72.07 4.80 0.00

ASTORIA_GT4_4 24105	100.63 7.34 -2.37	132.91 9.06 -8.46	131.19 8.71 -8.24	127.60 6.99 -19.35	166.07 10.24 -18.01	126.82 7.58 -18.51	205.33 10.45 -77.78	207.73 13.27 -53.15	313.99 17.32 -119.13	291.20 7.00 -213.91	90.18 5.35 -24.94	98.29 7.16 -2.21	96.94 5.93 -14.49	111.96 5.65 -33.45	157.51 2.85 -119.18	143.92 5.85 -69.06	132.96 5.79 -62.04	132.10 9.11 -21.62	141.14 8.35 -41.40	69.82 3.80 -23.62	59.99 4.51 -6.05	53.44 4.27 0.00	60.71 4.49 -2.31	72.07 4.80 0.00
ASTORIA_GT_1 23523	100.81 7.53 -2.37	133.14 9.29 -8.46	131.39 8.91 -8.24	127.78 7.18 -19.35	166.34 10.51 -18.01	127.03 7.79 -18.51	205.57 10.70 -77.78	208.01 13.55 -53.15	314.41 17.75 -119.13	291.35 7.15 -213.91	90.30 5.48 -24.94	98.50 7.37 -2.21	97.11 6.09 -14.49	112.12 5.81 -33.45	157.59 2.93 -119.18	144.21 6.14 -69.06	133.14 5.98 -62.04	132.36 9.37 -21.62	141.33 8.54 -41.40	69.92 3.90 -23.62	60.10 4.62 -6.05	53.54 4.38 0.00	60.83 4.61 -2.31	72.20 4.92 0.00
ASTORIA_GT_10 24110	100.71 7.43 -2.37	133.15 9.30 -8.46	131.28 8.79 -8.24	127.84 7.23 -19.35	166.15 10.32 -18.01	126.98 7.74 -18.51	205.43 10.56 -77.78	207.78 13.32 -53.15	314.15 17.49 -119.13	291.41 7.21 -213.91	90.40 5.57 -24.94	98.60 7.47 -2.21	97.21 6.20 -14.49	112.16 5.85 -33.45	157.42 2.91 -119.03	144.01 5.95 -69.06	132.78 5.86 -61.81	132.11 9.38 -21.37	140.53 8.40 -40.74	69.90 3.88 -23.62	60.08 4.61 -6.05	53.49 4.32 0.00	60.72 4.50 -2.31	72.12 4.85 0.00
ASTORIA_GT_11 24225	100.71 7.43 -2.37	133.15 9.30 -8.46	131.28 8.79 -8.24	127.84 7.23 -19.35	166.15 10.32 -18.01	126.98 7.74 -18.51	205.43 10.56 -77.78	207.78 13.32 -53.15	314.15 17.49 -119.13	291.41 7.21 -213.91	90.40 5.57 -24.94	98.60 7.47 -2.21	97.21 6.20 -14.49	112.16 5.85 -33.45	157.42 2.91 -119.03	144.01 5.95 -69.06	132.78 5.86 -61.81	132.11 9.38 -21.37	140.53 8.40 -40.74	69.90 3.88 -23.62	60.08 4.61 -6.05	53.49 4.32 0.00	60.72 4.50 -2.31	72.12 4.85 0.00
ASTORIA_GT_12 24226	100.71 7.43 -2.37	133.15 9.30 -8.46	131.28 8.79 -8.24	127.84 7.23 -19.35	166.15 10.32 -18.01	126.98 7.74 -18.51	205.43 10.56 -77.78	207.78 13.32 -53.15	314.15 17.49 -119.13	291.41 7.21 -213.91	90.40 5.57 -24.94	98.60 7.47 -2.21	97.21 6.20 -14.49	112.16 5.85 -33.45	157.42 2.91 -119.03	144.01 5.95 -69.06	132.78 5.86 -61.81	132.11 9.38 -21.37	140.53 8.40 -40.74	69.90 3.88 -23.62	60.08 4.61 -6.05	53.49 4.32 0.00	60.72 4.50 -2.31	72.12 4.85 0.00
ASTORIA_GT_13 24227	100.71 7.43 -2.37	133.15 9.30 -8.46	131.28 8.79 -8.24	127.84 7.23 -19.35	166.15 10.32 -18.01	126.98 7.74 -18.51	205.43 10.56 -77.78	207.78 13.32 -53.15	314.15 17.49 -119.13	291.41 7.21 -213.91	90.40 5.57 -24.94	98.60 7.47 -2.21	97.21 6.20 -14.49	112.16 5.85 -33.45	157.42 2.91 -119.03	144.01 5.95 -69.06	132.78 5.86 -61.81	132.11 9.38 -21.37	140.53 8.40 -40.74	69.90 3.88 -23.62	60.08 4.61 -6.05	53.49 4.32 0.00	60.72 4.50 -2.31	72.12 4.85 0.00
ASTORIA_GT_5 24106	100.81 7.53 -2.37	133.13 9.28 -8.46	131.39 8.91 -8.24	127.79 7.18 -19.35	166.34 10.51 -18.01	127.03 7.78 -18.51	205.58 10.70 -77.78	208.02 13.56 -53.15	314.41 17.74 -119.13	291.35 7.15 -213.91	90.33 5.50 -24.94	98.50 7.37 -2.21	97.10 6.09 -14.49	112.13 5.82 -33.45	157.59 2.93 -119.18	144.08 6.01 -69.06	133.10 5.94 -62.04	132.33 9.35 -21.62	141.35 8.55 -41.40	69.92 3.90 -23.62	60.09 4.62 -6.05	53.55 4.38 0.00	60.82 4.61 -2.31	72.20 4.93 0.00
ASTORIA_GT_7 24107	100.81 7.53 -2.37	133.13 9.28 -8.46	131.39 8.91 -8.24	127.79 7.18 -19.35	166.34 10.51 -18.01	127.03 7.78 -18.51	205.58 10.70 -77.78	208.02 13.56 -53.15	314.41 17.74 -119.13	291.35 7.15 -213.91	90.33 5.50 -24.94	98.50 7.37 -2.21	97.10 6.09 -14.49	112.13 5.82 -33.45	157.59 2.93 -119.18	144.08 6.01 -69.06	133.10 5.94 -62.04	132.33 9.35 -21.62	141.35 8.55 -41.40	69.92 3.90 -23.62	60.09 4.62 -6.05	53.55 4.38 0.00	60.82 4.61 -2.31	72.20 4.93 0.00
ASTORIA_GT_8 24108	100.81 7.53 -2.37	133.13 9.28 -8.46	131.39 8.91 -8.24	127.79 7.18 -19.35	166.34 10.51 -18.01	127.03 7.78 -18.51	205.58 10.70 -77.78	208.02 13.56 -53.15	314.41 17.74 -119.13	291.35 7.15 -213.91	90.33 5.50 -24.94	98.50 7.37 -2.21	97.10 6.09 -14.49	112.13 5.82 -33.45	157.59 2.93 -119.18	144.08 6.01 -69.06	133.10 5.94 -62.04	132.33 9.35 -21.62	141.35 8.55 -41.40	69.92 3.90 -23.62	60.09 4.62 -6.05	53.55 4.38 0.00	60.82 4.61 -2.31	72.20 4.93 0.00
ASTORIA___2 24149	100.63 7.35 -2.37	132.91 9.07 -8.46	131.19 8.71 -8.24	127.60 6.99 -19.35	166.07 10.24 -18.01	126.83 7.59 -18.51	205.33 10.46 -77.78	207.71 13.26 -53.15	313.99 17.33 -119.13	291.20 7.00 -213.91	90.17 5.34 -24.94	98.30 7.17 -2.21	96.93 5.92 -14.49	111.96 5.64 -33.45	157.52 2.85 -119.18	144.03 5.96 -69.06	133.00 5.84 -62.04	132.11 9.12 -21.62	141.14 8.34 -41.40	69.83 3.81 -23.62	59.98 4.51 -6.05	53.44 4.28 0.00	60.72 4.51 -2.31	72.06 4.79 0.00
ASTORIA___3 23516	100.71 7.43 -2.37	133.15 9.31 -8.46	131.28 8.79 -8.24	127.84 7.23 -19.35	166.15 10.32 -18.01	126.99 7.75 -18.51	205.42 10.55 -77.78	207.80 13.34 -53.15	314.15 17.48 -119.13	291.41 7.21 -213.91	90.39 5.57 -24.94	98.60 7.47 -2.21	97.20 6.19 -14.49	112.17 5.86 -33.45	157.42 2.91 -119.03	144.05 5.98 -69.06	132.80 5.88 -61.81	132.12 9.38 -21.37	140.54 8.40 -40.74	69.91 3.89 -23.62	60.09 4.61 -6.05	53.48 4.32 0.00	60.72 4.51 -2.31	72.10 4.83 0.00
ASTORIA___4 23517	100.71 7.43 -2.37	133.15 9.30 -8.46	131.28 8.79 -8.24	127.84 7.23 -19.35	166.15 10.32 -18.01	126.98 7.74 -18.51	205.43 10.56 -77.78	207.78 13.32 -53.15	314.15 17.49 -119.13	291.41 7.21 -213.91	90.40 5.57 -24.94	98.60 7.47 -2.21	97.21 6.20 -14.49	112.16 5.85 -33.45	157.42 2.91 -119.03	144.01 5.95 -69.06	132.78 5.86 -61.81	132.11 9.38 -21.37	140.53 8.40 -40.74	69.90 3.88 -23.62	60.08 4.61 -6.05	53.49 4.32 0.00	60.72 4.50 -2.31	72.12 4.85 0.00
ASTORIA___5 23518	100.71 7.43 -2.37	133.15 9.31 -8.46	131.28 8.79 -8.24	127.84 7.23 -19.35	166.15 10.32 -18.01	126.99 7.75 -18.51	205.42 10.55 -77.78	207.80 13.34 -53.15	314.15 17.48 -119.13	291.41 7.21 -213.91	90.39 5.57 -24.94	98.60 7.47 -2.21	97.20 6.19 -14.49	112.17 5.86 -33.45	157.42 2.91 -119.03	144.05 5.98 -69.06	132.80 5.88 -61.81	132.12 9.38 -21.37	140.54 8.40 -40.74	69.91 3.89 -23.62	60.09 4.61 -6.05	53.48 4.32 0.00	60.72 4.51 -2.31	72.10 4.83 0.00
AST_ENERGY_2_CC3 323677	100.24 6.95 -2.37	132.57 8.73 -8.46	130.63 8.14 -8.24	127.30 6.70 -19.35	165.33 9.50 -18.01	126.25 7.01 -18.50	204.57 9.71 -77.77	206.69 12.23 -53.14	312.82 16.16 -119.12	290.87 6.69 -213.89	89.98 5.15 -24.94	98.11 6.98 -2.20	96.77 5.76 -14.49	111.72 5.41 -33.45	157.18 2.68 -119.02	143.52 5.47 -69.05	132.28 5.36 -61.81	131.53 8.80 -21.37	140.00 7.87 -40.74	69.74 3.72 -23.61	59.84 4.37 -6.05	53.17 4.01 0.00	60.43 4.22 -2.31	71.78 4.51 0.00
AST_ENERGY_2_CC4 323678	100.24 6.95 -2.37	132.57 8.73 -8.46	130.63 8.14 -8.24	127.30 6.70 -19.35	165.33 9.50 -18.01	126.25 7.01 -18.50	204.57 9.71 -77.77	206.69 12.23 -53.14	312.82 16.16 -119.12	290.87 6.69 -213.89	89.98 5.15 -24.94	98.11 6.98 -2.20	96.77 5.76 -14.49	111.72 5.41 -33.45	157.18 2.68 -119.02	143.52 5.47 -69.05	132.28 5.36 -61.81	131.53 8.80 -21.37	140.00 7.87 -40.74	69.74 3.72 -23.61	59.84 4.37 -6.05	53.17 4.01 0.00	60.43 4.22 -2.31	71.78 4.51 0.00

ATHENS_STG_1 23668	96.23 4.07 -1.24	125.02 5.20 -4.43	123.48 4.93 -4.32	115.61 4.21 -10.14	153.14 5.89 -9.44	114.91 4.48 -9.70	163.62 5.78 -40.75	177.22 6.90 -29.01	255.94 8.96 -69.45	242.28 3.72 -168.27	75.94 3.00 -13.05	96.06 4.66 -2.48	96.78 3.98 -16.28	114.06 3.80 -37.39	170.01 1.90 -132.62	148.02 3.92 -75.09	135.68 3.79 -66.77	130.47 6.02 -23.09	140.89 5.48 -44.01	70.48 2.57 -25.51	58.95 2.99 -6.53	51.98 2.82 0.00	59.44 3.04 -2.49	70.57 3.30 0.00
ATHENS_STG_2 23670	96.23 4.07 -1.24	125.02 5.20 -4.43	123.48 4.93 -4.32	115.61 4.21 -10.14	153.14 5.89 -9.44	114.91 4.48 -9.70	163.62 5.78 -40.75	177.22 6.90 -29.01	255.94 8.96 -69.45	242.28 3.72 -168.27	75.94 3.00 -13.05	96.06 4.66 -2.48	96.78 3.98 -16.28	114.06 3.80 -37.39	170.01 1.90 -132.62	148.02 3.92 -75.09	135.68 3.79 -66.77	130.47 6.02 -23.09	140.89 5.48 -44.01	70.48 2.57 -25.51	58.95 2.99 -6.53	51.98 2.82 0.00	59.44 3.04 -2.49	70.57 3.30 0.00
ATHENS_STG_3 23677	96.23 4.07 -1.24	125.02 5.20 -4.43	123.48 4.93 -4.32	115.61 4.21 -10.14	153.14 5.89 -9.44	114.91 4.48 -9.70	163.62 5.78 -40.75	177.22 6.90 -29.01	255.94 8.96 -69.45	242.28 3.72 -168.27	75.94 3.00 -13.05	96.06 4.66 -2.48	96.78 3.98 -16.28	114.06 3.80 -37.39	170.01 1.90 -132.62	148.02 3.92 -75.09	135.68 3.79 -66.77	130.47 6.02 -23.09	140.89 5.48 -44.01	70.48 2.57 -25.51	58.95 2.99 -6.53	51.98 2.82 0.00	59.44 3.04 -2.49	70.57 3.30 0.00
AUBURN___LFGE 323710	91.33 0.41 0.00	115.74 0.35 0.00	114.51 0.28 0.00	101.44 0.18 0.00	138.09 0.28 0.00	101.56 0.83 0.00	118.46 1.07 -0.30	143.30 1.95 -0.04	181.30 3.52 -0.25	73.74 1.49 -1.96	61.15 1.27 0.00	90.72 1.49 -0.30	79.55 1.09 -1.94	78.30 0.97 -4.46	52.02 0.56 -15.97	79.15 0.99 -9.16	74.86 1.02 -8.72	108.18 1.58 -5.24	109.50 1.31 -16.80	48.78 0.64 -5.75	55.75 0.83 -5.50	52.30 0.63 -2.51	59.36 0.39 -5.07	69.25 0.02 -1.96
BABYLON_RES_REC 323704	102.49 9.20 -2.37	137.48 12.22 -9.87	133.97 11.48 -8.25	130.51 9.88 -19.37	169.03 13.20 -18.02	154.62 11.09 -42.80	215.53 12.84 -85.60	232.83 16.24 -75.28	316.44 19.76 -119.15	291.50 7.26 -213.95	96.12 6.75 -29.48	100.01 8.88 -2.21	98.30 7.29 -14.49	113.66 7.34 -33.46	161.46 3.76 -122.21	148.80 7.86 -71.93	159.05 7.64 -86.30	177.66 11.89 -64.40	267.08 11.27 -164.41	147.86 5.20 -100.26	141.79 6.09 -86.27	123.79 5.78 -68.84	121.36 6.17 -61.27	73.81 6.54 -0.01
BABYLON__69_KV_BK2 356345	103.68 10.39 -2.37	139.11 13.82 -9.90	135.55 13.07 -8.25	131.89 11.26 -19.37	170.94 15.11 -18.02	156.72 12.59 -43.40	217.39 14.48 -85.82	235.44 18.24 -75.89	318.88 22.20 -119.15	292.33 8.09 -213.95	96.85 7.48 -29.48	101.00 9.86 -2.21	99.11 8.10 -14.49	114.48 8.16 -33.46	161.97 4.19 -122.29	149.69 8.76 -71.93	160.27 8.51 -86.64	180.04 13.28 -65.40	271.38 12.62 -167.37	149.99 5.79 -101.79	144.14 6.80 -87.92	125.92 6.43 -70.32	123.35 6.82 -62.62	74.59 7.31 -0.01
BALL_HILL_WT_PWR 323825	87.25 -4.02 -0.35	111.37 -5.26 -1.24	110.16 -5.29 -1.21	99.00 -5.09 -2.84	133.18 -7.27 -2.64	99.42 -4.03 -2.71	120.98 -6.71 -10.60	139.86 -9.10 -7.65	183.53 -10.66 -16.66	92.02 -3.68 -25.41	60.42 -3.10 -3.63	83.23 -6.08 -0.38	73.05 -5.98 -2.50	72.46 -6.16 -5.76	52.13 -2.89 -19.53	74.63 -6.18 -11.81	68.78 -5.63 -9.29	88.84 -9.76 2.76	55.26 -8.98 27.15	29.58 -4.05 8.77	28.62 -4.72 16.09	31.81 -4.90 12.45	33.57 -5.58 14.75	51.68 -6.66 8.93
BARON_WINDS___WT_PWR 323822	87.50 -3.89 -0.47	111.83 -5.23 -1.67	111.18 -4.69 -1.63	100.92 -4.17 -3.83	135.06 -6.31 -3.56	101.07 -3.33 -3.66	126.32 -4.74 -13.97	145.77 -5.87 -10.33	194.49 -5.55 -22.51	102.53 -2.07 -34.32	62.94 -1.85 -4.91	86.21 -3.22 -0.51	76.50 -3.34 -3.33	76.90 -3.63 -7.67	56.26 -1.78 -22.56	81.21 -3.52 -15.72	73.59 -3.37 -11.84	88.77 -6.34 6.25	16.55 -5.87 68.97	-7.80 -2.76 47.44	-6.00 -3.42 52.01	-6.00 -3.64 51.52	11.60 -4.21 38.10	26.81 -5.78 34.68
BARRETT_IC_1 23704	101.08 7.80 -2.37	134.65 10.70 -8.56	132.40 9.91 -8.25	129.17 8.55 -19.36	166.90 11.07 -18.02	130.46 9.62 -20.10	205.33 11.10 -77.14	207.19 13.89 -51.99	313.49 16.80 -119.15	290.41 6.17 -213.95	95.19 5.82 -29.48	98.81 7.68 -2.21	97.41 6.39 -14.50	112.59 6.27 -33.45	164.89 3.21 -126.20	162.37 6.37 -86.99	243.95 6.35 -172.48	170.12 9.81 -58.95	194.71 9.55 -93.76	245.24 4.46 -198.38	224.67 5.28 -169.97	162.90 5.04 -108.70	127.03 5.42 -67.71	72.91 5.64 0.00
BARRETT_IC_10 23701	101.08 7.80 -2.37	134.65 10.70 -8.56	132.40 9.91 -8.25	129.17 8.55 -19.36	166.90 11.07 -18.02	130.46 9.62 -20.10	205.33 11.10 -77.14	207.19 13.89 -51.99	313.49 16.80 -119.15	290.41 6.17 -213.95	95.19 5.82 -29.48	98.81 7.68 -2.21	97.40 6.39 -14.49	112.59 6.27 -33.45	153.05 3.21 -114.36	151.44 6.37 -76.06	161.44 6.35 -89.97	135.31 9.81 -24.14	138.59 9.55 -37.65	179.42 4.46 -132.56	169.69 5.28 -114.99	139.13 5.04 -84.93	127.03 5.42 -67.71	72.91 5.64 0.00
BARRETT_IC_11 23702	101.08 7.80 -2.37	134.65 10.70 -8.56	132.40 9.91 -8.25	129.17 8.55 -19.36	166.90 11.07 -18.02	130.46 9.62 -20.10	205.33 11.10 -77.14	207.19 13.89 -51.99	313.49 16.80 -119.15	290.41 6.17 -213.95	95.19 5.82 -29.48	98.81 7.68 -2.21	97.40 6.39 -14.49	112.59 6.27 -33.45	153.05 3.21 -114.36	151.44 6.37 -76.06	161.44 6.35 -89.97	135.31 9.81 -24.14	138.59 9.55 -37.65	179.42 4.46 -132.56	169.69 5.28 -114.99	139.13 5.04 -84.93	127.03 5.42 -67.71	72.91 5.64 0.00
BARRETT_IC_12 23703	101.08 7.80 -2.37	134.65 10.70 -8.56	132.40 9.91 -8.25	129.17 8.55 -19.36	166.90 11.07 -18.02	130.46 9.62 -20.10	205.33 11.10 -77.14	207.19 13.89 -51.99	313.49 16.80 -119.15	290.41 6.17 -213.95	95.19 5.82 -29.48	98.81 7.68 -2.21	97.40 6.39 -14.49	112.59 6.27 -33.45	153.05 3.21 -114.36	151.44 6.37 -76.06	161.44 6.35 -89.97	135.31 9.81 -24.14	138.59 9.55 -37.65	179.42 4.46 -132.56	169.69 5.28 -114.99	139.13 5.04 -84.93	127.03 5.42 -67.71	72.91 5.64 0.00
BARRETT_IC_2 23705	101.08 7.80 -2.37	134.65 10.70 -8.56	132.40 9.91 -8.25	129.17 8.55 -19.36	166.90 11.07 -18.02	130.46 9.62 -20.10	205.33 11.10 -77.14	207.19 13.89 -51.99	313.49 16.80 -119.15	290.41 6.17 -213.95	95.19 5.82 -29.48	98.81 7.68 -2.21	97.41 6.39 -14.50	112.59 6.27 -33.45	164.89 3.21 -126.20	162.37 6.37 -86.99	243.95 6.35 -172.48	170.12 9.81 -58.95	194.71 9.55 -93.76	245.24 4.46 -198.38	224.67 5.28 -169.97	162.90 5.04 -108.70	127.03 5.42 -67.71	72.91 5.64 0.00
BARRETT_IC_3 23706	101.08 7.80 -2.37	134.65 10.70 -8.56	132.40 9.91 -8.25	129.17 8.55 -19.36	166.90 11.07 -18.02	130.46 9.62 -20.10	205.33 11.10 -77.14	207.19 13.89 -51.99	313.49 16.80 -119.15	290.41 6.17 -213.95	95.19 5.82 -29.48	98.81 7.68 -2.21	97.41 6.39 -14.50	112.59 6.27 -33.45	164.89 3.21 -126.20	162.37 6.37 -86.99	243.95 6.35 -172.48	170.12 9.81 -58.95	194.71 9.55 -93.76	245.24 4.46 -198.38	224.67 5.28 -169.97	162.90 5.04 -108.70	127.03 5.42 -67.71	72.91 5.64 0.00
BARRETT_IC_4 23707	101.08 7.80 -2.37	134.65 10.70 -8.56	132.40 9.91 -8.25	129.17 8.55 -19.36	166.90 11.07 -18.02	130.46 9.62 -20.10	205.33 11.10 -77.14	207.19 13.89 -51.99	313.49 16.80 -119.15	290.41 6.17 -213.95	95.19 5.82 -29.48	98.81 7.68 -2.21	97.41 6.39 -14.50	112.59 6.27 -33.45	164.89 3.21 -126.20	162.37 6.37 -86.99	243.95 6.35 -172.48	170.12 9.81 -58.95	194.71 9.55 -93.76	245.24 4.46 -198.38	224.67 5.28 -169.97	162.90 5.04 -108.70	127.03 5.42 -67.71	72.91 5.64 0.00

BARRETT_IC_5 23708	101.08 7.80 -2.37	134.65 10.70 -8.56	132.40 9.91 -8.25	129.17 8.55 -19.36	166.90 11.07 -18.02	130.46 9.62 -20.10	205.33 11.10 -77.14	207.19 13.89 -51.99	313.49 16.80 -119.15	290.41 6.17 -213.95	95.19 5.82 -29.48	98.81 7.68 -2.21	97.41 6.39 -14.50	112.59 6.27 -33.45	164.89 3.21 -126.20	162.37 6.37 -86.99	243.95 6.35 -172.48	170.12 9.81 -58.95	194.71 9.55 -93.76	245.24 4.46 -198.38	224.67 5.28 -169.97	162.90 5.04 -108.70	127.03 5.42 -67.71	72.91 5.64 0.00
BARRETT_IC_6 23709	101.08 7.80 -2.37	134.65 10.70 -8.56	132.40 9.91 -8.25	129.17 8.55 -19.36	166.90 11.07 -18.02	130.46 9.62 -20.10	205.33 11.10 -77.14	207.19 13.89 -51.99	313.49 16.80 -119.15	290.41 6.17 -213.95	95.19 5.82 -29.48	98.81 7.68 -2.21	97.41 6.39 -14.50	112.59 6.27 -33.45	164.89 3.21 -126.20	162.37 6.37 -86.99	243.95 6.35 -172.48	170.12 9.81 -58.95	194.71 9.55 -93.76	245.24 4.46 -198.38	224.67 5.28 -169.97	162.90 5.04 -108.70	127.03 5.42 -67.71	72.91 5.64 0.00
BARRETT_IC_7 23710	101.08 7.80 -2.37	134.67 10.72 -8.56	132.42 9.94 -8.25	129.18 8.56 -19.36	166.89 11.06 -18.02	130.44 9.60 -20.10	205.33 11.09 -77.14	207.20 13.90 -51.99	313.51 16.82 -119.15	290.41 6.17 -213.95	95.20 5.83 -29.48	98.81 7.68 -2.21	97.40 6.38 -14.50	112.59 6.27 -33.45	164.88 3.20 -126.20	162.43 6.44 -86.99	243.96 6.36 -172.48	170.12 9.80 -58.95	194.71 9.56 -93.76	245.23 4.46 -198.38	224.65 5.26 -169.97	162.90 5.04 -108.70	127.02 5.40 -67.71	72.91 5.64 0.00
BARRETT_IC_8 23711	101.08 7.80 -2.37	134.65 10.70 -8.56	132.40 9.91 -8.25	129.17 8.55 -19.36	166.90 11.07 -18.02	130.46 9.62 -20.10	205.33 11.10 -77.14	207.19 13.89 -51.99	313.49 16.80 -119.15	290.41 6.17 -213.95	95.19 5.82 -29.48	98.81 7.68 -2.21	97.41 6.39 -14.50	112.59 6.27 -33.45	164.89 3.21 -126.20	162.37 6.37 -86.99	243.95 6.35 -172.48	170.12 9.81 -58.95	194.71 9.55 -93.76	245.24 4.46 -198.38	224.67 5.28 -169.97	162.90 5.04 -108.70	127.03 5.42 -67.71	72.91 5.64 0.00
BARRETT_IC_9 23700	101.08 7.80 -2.37	134.65 10.70 -8.56	132.40 9.91 -8.25	129.17 8.55 -19.36	166.90 11.07 -18.02	130.46 9.62 -20.10	205.33 11.10 -77.14	207.19 13.89 -51.99	313.49 16.80 -119.15	290.41 6.17 -213.95	95.19 5.82 -29.48	98.81 7.68 -2.21	97.40 6.39 -14.49	112.59 6.27 -33.45	153.05 3.21 -114.36	151.44 6.37 -76.06	161.44 6.35 -89.97	135.31 9.81 -24.14	138.59 9.55 -37.65	179.42 4.46 -132.56	169.69 5.28 -114.99	139.13 5.04 -84.93	127.03 5.42 -67.71	72.91 5.64 0.00
BARRETT___1 23545	101.08 7.80 -2.37	134.65 10.70 -8.56	132.40 9.91 -8.25	129.17 8.55 -19.36	166.90 11.07 -18.02	130.46 9.62 -20.10	205.33 11.10 -77.14	207.19 13.89 -51.99	313.49 16.80 -119.15	290.41 6.17 -213.95	95.19 5.82 -29.48	98.81 7.68 -2.21	97.41 6.39 -14.50	112.59 6.27 -33.45	164.89 3.21 -126.20	162.37 6.37 -86.99	243.95 6.35 -172.48	170.12 9.81 -58.95	194.71 9.55 -93.76	245.24 4.46 -198.38	224.67 5.28 -169.97	162.90 5.04 -108.70	127.03 5.42 -67.71	72.91 5.64 0.00
BARRETT___2 23546	101.08 7.80 -2.37	134.65 10.70 -8.56	132.40 9.91 -8.25	129.17 8.55 -19.36	166.90 11.07 -18.02	130.46 9.62 -20.10	205.33 11.10 -77.14	207.19 13.89 -51.99	313.49 16.80 -119.15	290.41 6.17 -213.95	95.19 5.82 -29.48	98.81 7.68 -2.21	97.40 6.39 -14.49	112.59 6.27 -33.45	153.05 3.21 -114.36	151.44 6.37 -76.06	161.44 6.35 -89.97	135.31 9.81 -24.14	138.59 9.55 -37.65	179.42 4.46 -132.56	169.69 5.28 -114.99	139.13 5.04 -84.93	127.03 5.42 -67.71	72.91 5.64 0.00
BATAVIA__115KV_TB1 55881	88.89 -2.03 0.00	112.73 -2.65 0.00	111.59 -2.65 0.00	98.52 -2.74 0.00	134.05 -3.76 0.00	99.06 -1.67 0.00	112.67 -3.82 0.60	135.76 -5.59 -0.04	171.20 -6.61 -0.27	70.28 -2.18 -2.17	58.16 -1.73 0.00	85.16 -4.10 -0.33	74.45 -4.21 -2.14	73.72 -4.06 -4.92	50.50 -2.01 -17.02	74.99 -4.11 -10.09	69.65 -3.56 -8.09	93.95 -5.80 1.62	68.58 -4.88 17.94	36.57 -1.97 3.86	37.07 -2.25 10.11	39.55 -2.52 7.10	40.81 -3.10 9.99	58.41 -3.61 5.24
BAYONEEC___CTG1 323682	100.42 7.13 -2.37	132.82 8.97 -8.46	130.91 8.43 -8.24	127.51 6.91 -19.35	165.63 9.80 -18.01	126.56 7.33 -18.50	204.91 10.05 -77.77	207.04 12.59 -53.14	313.14 16.49 -119.12	290.98 6.81 -213.89	90.12 5.29 -24.94	98.28 7.15 -2.20	96.92 5.91 -14.49	111.86 5.55 -33.45	157.25 2.75 -119.02	143.65 5.59 -69.05	132.36 5.44 -61.81	131.55 8.82 -21.37	140.07 7.94 -40.74	69.76 3.74 -23.61	59.88 4.41 -6.05	53.26 4.10 0.00	60.51 4.29 -2.31	71.89 4.62 0.00
BAYONEEC___CTG10 323750	100.42 7.13 -2.37	132.82 8.97 -8.46	130.91 8.43 -8.24	127.51 6.91 -19.35	165.63 9.80 -18.01	126.56 7.33 -18.50	204.91 10.05 -77.77	207.04 12.59 -53.14	313.14 16.49 -119.12	290.98 6.81 -213.89	90.12 5.29 -24.94	98.28 7.15 -2.20	96.92 5.91 -14.49	111.86 5.55 -33.45	157.25 2.75 -119.02	143.65 5.59 -69.05	132.36 5.44 -61.81	131.55 8.82 -21.37	140.07 7.94 -40.74	69.76 3.74 -23.61	59.88 4.41 -6.05	53.26 4.10 0.00	60.51 4.29 -2.31	71.89 4.62 0.00
BAYONEEC___CTG2 323683	100.42 7.13 -2.37	132.82 8.97 -8.46	130.91 8.43 -8.24	127.51 6.91 -19.35	165.63 9.80 -18.01	126.56 7.33 -18.50	204.91 10.05 -77.77	207.04 12.59 -53.14	313.14 16.49 -119.12	290.98 6.81 -213.89	90.12 5.29 -24.94	98.28 7.15 -2.20	96.92 5.91 -14.49	111.86 5.55 -33.45	157.25 2.75 -119.02	143.65 5.59 -69.05	132.36 5.44 -61.81	131.55 8.82 -21.37	140.07 7.94 -40.74	69.76 3.74 -23.61	59.88 4.41 -6.05	53.26 4.10 0.00	60.51 4.29 -2.31	71.89 4.62 0.00
BAYONEEC___CTG3 323684	100.42 7.13 -2.37	132.82 8.97 -8.46	130.91 8.43 -8.24	127.51 6.91 -19.35	165.63 9.80 -18.01	126.56 7.33 -18.50	204.91 10.05 -77.77	207.04 12.59 -53.14	313.14 16.49 -119.12	290.98 6.81 -213.89	90.12 5.29 -24.94	98.28 7.15 -2.20	96.92 5.91 -14.49	111.86 5.55 -33.45	157.25 2.75 -119.02	143.65 5.59 -69.05	132.36 5.44 -61.81	131.55 8.82 -21.37	140.07 7.94 -40.74	69.76 3.74 -23.61	59.88 4.41 -6.05	53.26 4.10 0.00	60.51 4.29 -2.31	71.89 4.62 0.00
BAYONEEC___CTG4 323685	100.42 7.13 -2.37	132.82 8.97 -8.46	130.91 8.43 -8.24	127.51 6.91 -19.35	165.63 9.80 -18.01	126.56 7.33 -18.50	204.91 10.05 -77.77	207.04 12.59 -53.14	313.14 16.49 -119.12	290.98 6.81 -213.89	90.12 5.29 -24.94	98.28 7.15 -2.20	96.92 5.91 -14.49	111.86 5.55 -33.45	157.25 2.75 -119.02	143.65 5.59 -69.05	132.36 5.44 -61.81	131.55 8.82 -21.37	140.07 7.94 -40.74	69.76 3.74 -23.61	59.88 4.41 -6.05	53.26 4.10 0.00	60.51 4.29 -2.31	71.89 4.62 0.00
BAYONEEC___CTG5 323686	100.42 7.13 -2.37	132.82 8.97 -8.46	130.91 8.43 -8.24	127.51 6.91 -19.35	165.63 9.80 -18.01	126.56 7.33 -18.50	204.91 10.05 -77.77	207.04 12.59 -53.14	313.14 16.49 -119.12	290.98 6.81 -213.89	90.12 5.29 -24.94	98.28 7.15 -2.20	96.92 5.91 -14.49	111.86 5.55 -33.45	157.25 2.75 -119.02	143.65 5.59 -69.05	132.36 5.44 -61.81	131.55 8.82 -21.37	140.07 7.94 -40.74	69.76 3.74 -23.61	59.88 4.41 -6.05	53.26 4.10 0.00	60.51 4.29 -2.31	71.89 4.62 0.00
BAYONEEC___CTG6 323687	100.42 7.13 -2.37	132.82 8.97 -8.46	130.91 8.43 -8.24	127.51 6.91 -19.35	165.63 9.80 -18.01	126.56 7.33 -18.50	204.91 10.05 -77.77	207.04 12.59 -53.14	313.14 16.49 -119.12	290.98 6.81 -213.89	90.12 5.29 -24.94	98.28 7.15 -2.20	96.92 5.91 -14.49	111.86 5.55 -33.45	157.25 2.75 -119.02	143.65 5.59 -69.05	132.36 5.44 -61.81	131.55 8.82 -21.37	140.07 7.94 -40.74	69.76 3.74 -23.61	59.88 4.41 -6.05	53.26 4.10 0.00	60.51 4.29 -2.31	71.89 4.62 0.00

BAYONEEC___CTG7 323688	100.42 7.13 -2.37	132.82 8.97 -8.46	130.91 8.43 -8.24	127.51 6.91 -19.35	165.63 9.80 -18.01	126.56 7.33 -18.50	204.91 10.05 -77.77	207.04 12.59 -53.14	313.14 16.49 -119.12	290.98 6.81 -213.89	90.12 5.29 -24.94	98.28 7.15 -2.20	96.92 5.91 -14.49	111.86 5.55 -33.45	157.25 2.75 -119.02	143.65 5.59 -69.05	132.36 5.44 -61.81	131.55 8.82 -21.37	140.07 7.94 -40.74	69.76 3.74 -23.61	59.88 4.41 -6.05	53.26 4.10 0.00	60.51 4.29 -2.31	71.89 4.62 0.00
BAYONEEC___CTG8 323689	100.42 7.13 -2.37	132.82 8.97 -8.46	130.91 8.43 -8.24	127.51 6.91 -19.35	165.63 9.80 -18.01	126.56 7.33 -18.50	204.91 10.05 -77.77	207.04 12.59 -53.14	313.14 16.49 -119.12	290.98 6.81 -213.89	90.12 5.29 -24.94	98.28 7.15 -2.20	96.92 5.91 -14.49	111.86 5.55 -33.45	157.25 2.75 -119.02	143.65 5.59 -69.05	132.36 5.44 -61.81	131.55 8.82 -21.37	140.07 7.94 -40.74	69.76 3.74 -23.61	59.88 4.41 -6.05	53.26 4.10 0.00	60.51 4.29 -2.31	71.89 4.62 0.00
BAYONEEC___CTG9 323749	100.42 7.13 -2.37	132.82 8.97 -8.46	130.91 8.43 -8.24	127.51 6.91 -19.35	165.63 9.80 -18.01	126.56 7.33 -18.50	204.91 10.05 -77.77	207.04 12.59 -53.14	313.14 16.49 -119.12	290.98 6.81 -213.89	90.12 5.29 -24.94	98.28 7.15 -2.20	96.92 5.91 -14.49	111.86 5.55 -33.45	157.25 2.75 -119.02	143.65 5.59 -69.05	132.36 5.44 -61.81	131.55 8.82 -21.37	140.07 7.94 -40.74	69.76 3.74 -23.61	59.88 4.41 -6.05	53.26 4.10 0.00	60.51 4.29 -2.31	71.89 4.62 0.00
BEACON___LESR 323632	105.21 5.96 -8.33	152.88 7.72 -29.76	150.73 7.49 -29.00	175.72 6.36 -68.10	209.96 8.76 -63.39	172.34 6.49 -65.12	398.43 7.67 -273.67	333.56 9.25 -183.00	584.27 11.76 -394.98	634.73 4.81 -559.63	151.11 3.98 -87.24	97.43 5.77 -2.73	99.40 4.93 -17.95	118.61 4.41 -41.33	184.23 2.01 -146.74	158.20 3.73 -85.46	146.35 3.59 -77.65	133.88 5.67 -26.85	147.66 5.08 -51.18	74.51 2.44 -29.67	59.84 2.81 -7.60	51.93 2.77 0.00	59.90 3.09 -2.90	71.10 3.83 0.00
BEAVER RIVER___HYD 24048	92.53 1.62 0.00	117.42 2.03 0.00	116.14 1.90 0.00	103.11 1.86 0.00	140.02 2.21 0.00	102.83 2.10 0.00	118.80 1.71 0.00	143.22 1.91 0.00	179.90 2.36 0.00	71.53 1.24 0.00	61.06 1.18 0.00	90.42 1.42 -0.07	78.14 1.08 -0.54	75.35 1.25 -1.24	40.58 0.70 -4.40	72.19 0.65 -2.54	67.99 0.59 -2.28	103.59 1.44 -0.79	94.18 1.42 -1.36	43.29 0.02 -0.87	49.44 -0.22 -0.22	48.81 -0.36 0.00	53.00 -0.99 -0.08	65.81 -1.46 0.00
BEEBEE_GT_13 23619	89.08 -1.84 0.00	112.94 -2.44 0.00	111.76 -2.48 0.00	98.80 -2.46 0.00	134.52 -3.29 0.00	99.05 -1.68 0.00	113.55 -3.10 0.44	136.92 -4.43 -0.04	172.58 -5.19 -0.23	70.39 -1.75 -1.85	58.47 -1.42 0.00	86.16 -3.04 -0.28	75.54 -2.82 -1.84	74.20 -2.90 -4.24	49.19 -1.33 -15.04	74.83 -2.86 -8.68	69.72 -2.49 -7.09	96.25 -4.33 0.78	77.14 -3.96 10.29	41.58 -1.73 -0.91	42.71 -1.98 4.73	44.97 -2.21 1.98	45.37 -2.61 5.94	62.37 -3.12 1.77
BENSHRST_27_KV_BENSHRST_1 355998	101.77 8.48 -2.37	134.51 10.66 -8.46	132.55 10.07 -8.24	128.89 8.29 -19.35	167.58 11.75 -18.01	128.06 8.82 -18.51	206.70 11.83 -77.78	209.33 14.87 -53.15	315.94 19.28 -119.13	292.09 7.90 -213.91	91.01 6.18 -24.94	99.59 8.46 -2.21	98.03 7.02 -14.49	112.94 6.63 -33.45	157.78 3.27 -119.03	144.70 6.64 -69.06	133.34 6.41 -61.81	132.99 10.26 -21.37	141.41 9.27 -40.74	70.36 4.35 -23.62	67.52 5.27 -12.82	69.09 4.99 -14.94	69.94 5.16 -10.87	80.76 5.60 -7.89
BETHLEHEM___GRP 23843	103.13 4.14 -8.07	149.57 5.36 -28.82	147.53 5.22 -28.08	171.45 4.26 -65.93	205.23 6.05 -61.37	168.01 4.23 -63.05	387.00 4.94 -264.97	324.33 5.86 -177.16	567.27 7.47 -382.27	614.05 3.18 -540.59	146.90 2.54 -84.47	95.60 3.94 -2.73	97.98 3.49 -17.97	117.36 3.13 -41.37	183.66 1.31 -146.86	156.89 2.35 -85.54	144.99 2.13 -77.74	131.47 3.22 -26.88	145.53 2.90 -51.24	73.52 1.42 -29.70	58.71 1.68 -7.60	50.80 1.64 0.00	58.80 1.99 -2.90	69.92 2.64 0.00
BETHLEHEM___GS1 323560	103.14 4.15 -8.07	149.57 5.36 -28.82	147.54 5.22 -28.08	171.45 4.26 -65.93	205.23 6.05 -61.37	168.04 4.25 -63.05	387.00 4.94 -264.97	324.33 5.86 -177.16	567.27 7.47 -382.27	614.05 3.18 -540.59	146.90 2.54 -84.47	95.61 3.95 -2.73	97.98 3.49 -17.97	117.36 3.13 -41.37	183.66 1.31 -146.86	156.89 2.35 -85.54	144.99 2.13 -77.74	131.47 3.23 -26.88	145.53 2.90 -51.24	73.53 1.42 -29.70	58.72 1.68 -7.60	50.80 1.64 0.00	58.80 1.99 -2.90	69.92 2.65 0.00
BETHLEHEM___GS2 323561	103.14 4.15 -8.07	149.57 5.36 -28.82	147.54 5.22 -28.08	171.45 4.26 -65.93	205.23 6.05 -61.37	168.04 4.25 -63.05	387.00 4.94 -264.97	324.33 5.86 -177.16	567.27 7.47 -382.27	614.05 3.18 -540.59	146.90 2.54 -84.47	95.61 3.95 -2.73	97.98 3.49 -17.97	117.36 3.13 -41.37	183.66 1.31 -146.86	156.89 2.35 -85.54	144.99 2.13 -77.74	131.47 3.23 -26.88	145.53 2.90 -51.24	73.53 1.42 -29.70	58.72 1.68 -7.60	50.80 1.64 0.00	58.80 1.99 -2.90	69.92 2.65 0.00
BETHLEHEM___GS3 323562	103.14 4.15 -8.07	149.57 5.36 -28.82	147.54 5.22 -28.08	171.45 4.26 -65.93	205.23 6.05 -61.37	168.04 4.25 -63.05	387.00 4.94 -264.97	324.33 5.86 -177.16	567.27 7.47 -382.27	614.05 3.18 -540.59	146.90 2.54 -84.47	95.61 3.95 -2.73	97.98 3.49 -17.97	117.36 3.13 -41.37	183.66 1.31 -146.86	156.89 2.35 -85.54	144.99 2.13 -77.74	131.47 3.23 -26.88	145.53 2.90 -51.24	73.53 1.42 -29.70	58.72 1.68 -7.60	50.80 1.64 0.00	58.80 1.99 -2.90	69.92 2.65 0.00
BETHLEHEM___STEEL 23779	87.24 -4.02 -0.35	111.39 -5.23 -1.24	110.32 -5.12 -1.21	99.23 -4.86 -2.84	133.54 -6.91 -2.64	99.48 -3.96 -2.71	120.89 -6.79 -10.59	139.50 -9.45 -7.64	182.92 -11.25 -16.64	91.69 -3.97 -25.38	60.22 -3.29 -3.63	83.05 -6.25 -0.38	73.17 -5.85 -2.50	72.62 -5.99 -5.75	52.18 -2.88 -19.57	74.84 -5.96 -11.79	69.06 -5.35 -9.29	89.53 -9.15 2.68	56.79 -8.18 26.43	30.65 -3.63 8.12	29.71 -4.23 15.49	32.91 -4.44 11.81	34.45 -5.09 14.36	52.74 -6.03 8.50
BETHLHEM_115KV_TB1 79974	102.51 3.98 -7.61	147.72 5.16 -27.18	145.73 5.01 -26.48	167.56 4.13 -62.17	201.53 5.84 -57.87	164.32 4.13 -59.45	371.83 4.89 -249.85	314.13 5.79 -167.04	545.28 7.39 -360.37	582.41 3.14 -508.98	142.06 2.52 -79.65	95.61 3.95 -2.73	97.95 3.48 -17.96	117.36 3.16 -41.33	183.59 1.36 -146.74	156.95 2.46 -85.48	145.06 2.26 -77.69	131.64 3.42 -26.86	145.69 3.09 -51.21	73.59 1.51 -29.68	58.80 1.77 -7.60	50.89 1.73 0.00	58.86 2.05 -2.90	69.91 2.64 0.00
BETHPAGE_CC_5 323564	101.57 8.28 -2.37	136.21 11.06 -9.76	132.85 10.36 -8.25	129.53 8.90 -19.37	167.73 11.89 -18.02	151.59 9.90 -40.96	213.63 11.63 -84.91	229.35 14.65 -73.39	314.52 17.84 -119.15	290.89 6.65 -213.95	95.49 6.12 -29.48	99.17 8.03 -2.21	97.69 6.67 -14.49	113.00 6.68 -33.46	160.99 3.37 -122.14	148.27 6.98 -72.28	159.45 6.77 -87.56	173.94 10.49 -62.09	257.62 9.93 -156.30	146.27 4.66 -99.20	139.53 5.47 -84.63	120.91 5.20 -66.55	117.91 5.51 -58.49	73.04 5.76 -0.01
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	87.39 -3.88 -0.35	111.62 -5.02 -1.26	110.56 -4.90 -1.23	99.48 -4.66 -2.88	133.86 -6.63 -2.68	99.71 -3.78 -2.75	121.36 -6.48 -10.75	140.03 -9.04 -7.76	183.74 -10.68 -16.89	92.28 -3.76 -25.76	60.44 -3.13 -3.68	83.39 -5.92 -0.39	73.44 -5.62 -2.53	72.91 -5.78 -5.83	52.62 -2.78 -19.91	75.21 -5.76 -11.96	69.38 -5.15 -9.42	89.83 -8.78 2.76	56.99 -7.80 26.60	31.26 -3.50 7.64	30.04 -4.09 15.30	33.45 -4.31 11.40	34.54 -4.98 14.39	53.13 -5.89 8.26

BINGHAMTON___COGEN 23790	91.84 0.18 -0.74	118.19 0.18 -2.63	116.79 -0.01 -2.56	107.15 -0.12 -6.01	143.34 -0.07 -5.60	106.91 0.42 -5.75	141.35 0.44 -23.82	157.86 0.30 -16.26	214.31 1.31 -35.47	124.71 0.64 -53.79	68.05 0.43 -7.74	90.37 0.70 -0.74	81.77 0.40 -4.85	84.39 0.36 -11.16	75.37 0.23 -39.65	92.19 0.28 -22.90	85.41 0.28 -20.01	105.95 0.26 -4.33	92.74 0.17 -1.17	48.67 0.07 -6.20	46.98 -0.05 2.40	47.37 -0.20 1.59	49.30 -0.38 4.23	65.14 -0.70 1.42
BIXINCNT_115KV_LOAD 355685	87.51 -3.78 -0.37	112.26 -4.47 -1.34	111.64 -3.91 -1.31	100.57 -3.76 -3.07	135.41 -5.26 -2.86	100.47 -3.20 -2.93	123.71 -4.80 -11.43	142.92 -6.67 -8.28	187.35 -8.21 -18.03	94.93 -2.86 -27.50	61.56 -2.25 -3.93	85.48 -3.85 -0.41	74.94 -4.28 -2.70	74.10 -4.97 -6.21	54.68 -2.31 -21.51	77.03 -4.71 -12.73	70.59 -4.49 -9.96	90.59 -7.54 3.23	56.92 -6.79 27.67	33.35 -3.88 5.17	30.14 -4.96 14.32	34.97 -4.96 9.23	33.38 -5.95 14.58	53.27 -7.03 6.97
BLACK RIVER___HYD 24047	93.61 2.69 0.00	118.68 3.29 0.00	117.30 3.06 0.00	104.28 3.02 0.00	141.78 3.97 0.00	104.59 3.85 0.00	121.06 3.97 0.00	146.27 4.96 0.00	184.01 6.48 0.00	73.05 2.76 0.00	62.13 2.24 0.00	91.75 2.72 -0.10	79.17 1.91 -0.74	76.70 2.13 -1.70	42.74 1.21 -6.04	74.25 1.76 -3.49	69.93 1.68 -3.14	105.60 3.15 -1.08	96.70 3.48 -1.82	44.32 0.72 -1.20	50.19 0.45 -0.31	49.24 0.08 0.00	53.26 -0.76 -0.12	65.97 -1.30 0.00
BLACKRVR_115KV_TB2 79977	93.61 2.69 0.00	118.68 3.30 0.00	117.30 3.07 0.00	104.28 3.02 0.00	141.78 3.97 0.00	104.60 3.86 0.00	121.06 3.97 0.00	146.27 4.96 0.00	184.01 6.48 0.00	73.05 2.76 0.00	62.13 2.24 0.00	91.75 2.73 -0.10	79.17 1.91 -0.74	76.70 2.14 -1.70	42.74 1.21 -6.04	74.25 1.76 -3.49	69.93 1.67 -3.14	105.61 3.16 -1.08	96.70 3.48 -1.82	44.32 0.72 -1.20	50.19 0.46 -0.31	49.24 0.08 0.00	53.27 -0.76 -0.12	65.98 -1.29 0.00
BLISS_WT_PWR 323608	87.20 -4.10 -0.37	111.96 -4.76 -1.34	111.53 -4.01 -1.31	100.44 -3.89 -3.07	135.31 -5.36 -2.86	100.26 -3.41 -2.93	123.81 -4.71 -11.43	143.12 -6.46 -8.28	187.50 -8.06 -18.03	95.00 -2.79 -27.50	61.62 -2.20 -3.93	85.50 -3.84 -0.41	74.92 -4.30 -2.70	73.89 -5.17 -6.21	54.65 -2.34 -21.51	77.00 -4.73 -12.73	70.47 -4.60 -9.96	90.30 -7.82 3.23	56.68 -7.04 27.67	33.02 -4.21 5.17	29.62 -5.49 14.32	34.53 -5.40 9.23	32.81 -6.52 14.58	52.61 -7.69 6.97
BLUESTONE___WT_PWR 323821	96.32 4.11 -1.29	124.75 4.75 -4.61	123.43 4.70 -4.49	115.73 3.93 -10.55	153.73 6.10 -9.82	117.25 6.43 -10.09	167.49 7.57 -42.82	177.43 7.69 -28.44	250.64 11.37 -61.74	166.46 5.12 -91.06	77.75 4.32 -13.55	96.11 6.39 -0.79	86.81 5.08 -5.21	89.68 4.81 -12.00	80.71 2.61 -42.61	98.82 5.20 -24.61	92.70 4.76 -22.83	118.84 6.40 -11.07	126.54 5.35 -29.80	54.60 1.71 -10.49	58.35 1.34 -7.58	51.24 0.12 -1.95	60.38 -0.49 -6.96	67.97 -1.05 -1.75
BLUE_CIRC_CHEM_DRP 24182	100.65 3.90 -5.82	141.25 5.07 -20.80	139.48 4.98 -20.27	153.05 4.21 -47.58	187.99 5.89 -44.29	150.51 4.28 -45.50	313.36 5.05 -191.23	275.10 5.93 -127.86	460.92 7.49 -275.89	463.51 3.04 -390.18	123.38 2.52 -60.97	95.62 4.01 -2.69	97.74 3.54 -17.67	117.05 3.43 -40.77	181.71 1.50 -144.72	156.13 2.91 -84.21	144.40 2.77 -76.51	131.96 4.15 -26.45	145.55 3.73 -50.43	73.40 1.77 -29.23	58.98 2.07 -7.48	51.19 2.02 0.00	59.08 2.32 -2.86	70.12 2.84 0.00
BOC_GAS_DRP 24189	99.12 3.16 -5.05	137.46 4.04 -18.04	135.69 3.88 -17.57	145.79 3.27 -41.27	180.81 4.59 -38.41	143.56 3.37 -39.46	287.08 4.16 -165.83	257.01 4.91 -110.79	422.55 6.32 -238.70	406.84 2.65 -333.90	114.96 2.19 -52.88	95.32 3.67 -2.72	97.60 3.20 -17.88	117.01 2.99 -41.16	183.00 1.40 -146.11	156.74 2.59 -85.14	144.98 2.43 -77.44	131.87 3.74 -26.77	145.81 3.38 -51.04	73.59 1.61 -29.58	58.88 1.87 -7.58	50.98 1.82 0.00	58.84 2.04 -2.89	69.66 2.39 0.00
BOONVILLE_115KV_TB1 79983	93.69 2.77 0.00	118.89 3.50 0.00	117.60 3.36 0.00	104.26 3.00 0.00	141.82 4.01 0.00	104.21 3.48 0.00	121.17 4.08 0.00	146.21 4.91 0.00	183.95 6.42 0.00	73.00 2.71 0.00	62.18 2.29 0.00	92.23 3.23 -0.07	79.78 2.78 -0.48	76.72 2.76 -1.09	40.77 1.40 -3.88	73.55 2.30 -2.24	69.32 2.20 -2.02	105.69 3.63 -0.70	95.88 3.21 -1.28	44.40 1.23 -0.77	50.85 1.22 -0.20	50.21 1.05 0.00	54.74 0.76 -0.08	67.88 0.61 0.00
BORALEX_4TH_BRANCH 23824	110.22 7.91 -11.40	166.36 10.26 -40.72	163.95 10.04 -39.68	203.39 8.98 -93.15	236.66 12.14 -86.71	198.93 9.12 -89.08	502.20 10.75 -374.36	404.19 12.40 -250.48	734.57 15.86 -541.18	849.52 6.73 -772.50	184.33 5.24 -119.20	98.68 7.04 -2.72	100.60 6.19 -17.89	119.95 5.91 -41.17	184.49 2.80 -146.20	159.64 5.54 -85.10	147.52 5.20 -77.21	136.26 8.20 -26.69	149.68 7.40 -50.89	75.34 3.44 -29.50	61.02 4.04 -7.55	53.16 4.00 0.00	61.15 4.36 -2.88	72.33 5.06 0.00
BOWLINE___1 23526	99.09 5.91 -2.27	131.06 7.58 -8.09	129.24 7.11 -7.89	125.77 5.99 -18.52	163.46 8.41 -17.24	124.83 6.39 -17.71	200.19 8.66 -74.43	202.82 10.66 -50.84	305.13 13.70 -113.89	279.74 5.66 -203.79	88.14 4.39 -23.87	96.89 5.84 -2.12	95.27 4.80 -13.96	109.61 4.50 -32.24	152.51 2.27 -114.75	140.36 4.70 -66.66	129.39 4.62 -59.66	129.47 7.48 -20.63	137.51 6.79 -39.32	68.37 3.18 -22.79	59.02 3.75 -5.83	52.64 3.48 0.00	59.74 3.61 -2.23	71.15 3.88 0.00
BOWLINE___2 23595	99.18 5.99 -2.27	131.21 7.73 -8.09	129.45 7.32 -7.89	125.94 6.16 -18.52	163.69 8.63 -17.24	124.99 6.55 -17.71	200.37 8.83 -74.44	203.04 10.88 -50.85	305.46 14.02 -113.91	279.88 5.78 -203.82	88.23 4.47 -23.87	97.04 5.99 -2.13	95.39 4.91 -13.96	109.71 4.60 -32.24	152.58 2.33 -114.76	140.49 4.82 -66.66	129.49 4.71 -59.67	129.65 7.66 -20.63	137.65 6.94 -39.33	68.44 3.24 -22.80	59.08 3.82 -5.83	52.73 3.57 0.00	59.82 3.69 -2.23	71.24 3.97 0.00
BRADY___115KV_TB2 356060	91.00 0.09 0.00	115.51 0.13 0.00	114.48 0.24 0.00	101.79 0.53 0.00	138.03 0.22 0.00	100.08 -0.65 0.00	115.25 -1.84 0.00	138.86 -2.45 0.00	173.58 -3.95 0.00	68.64 -1.64 0.00	58.69 -1.20 0.00	86.22 -2.71 0.00	74.61 -1.91 0.00	71.12 -1.74 0.00	34.50 -0.98 0.00	67.48 -1.52 0.00	63.53 -1.58 0.00	99.27 -2.09 0.00	89.37 -2.02 0.00	41.38 -1.02 0.00	48.35 -1.08 0.00	48.65 -0.52 0.00	53.67 -0.23 0.00	67.72 0.45 0.00
BRANSCOMB___SOLAR 323811	111.22 5.70 -14.60	174.83 7.29 -52.15	172.21 7.16 -50.82	227.01 6.45 -119.31	257.60 8.73 -111.06	221.48 6.65 -114.09	604.87 8.30 -479.47	471.76 9.97 -320.49	881.67 12.98 -691.15	1049.08 5.24 -973.55	217.03 4.21 -152.93	97.42 5.68 -2.81	99.84 4.87 -18.46	120.01 4.66 -42.48	188.58 2.27 -150.83	161.47 4.63 -87.84	149.32 4.41 -79.79	135.93 6.98 -27.59	150.29 6.30 -52.59	75.80 2.91 -30.48	60.55 3.31 -7.81	52.33 3.16 0.00	60.28 3.39 -2.98	71.12 3.84 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	103.47 10.18 -2.37	139.02 13.63 -10.00	135.33 12.84 -8.25	131.74 11.10 -19.37	170.74 14.91 -18.02	158.36 12.42 -45.20	217.73 14.15 -86.49	236.83 17.77 -77.75	318.39 21.71 -119.15	292.12 7.88 -213.95	96.74 7.37 -29.48	100.75 9.61 -2.21	98.95 7.93 -14.49	114.39 8.07 -33.46	161.89 4.14 -122.26	148.97 8.64 -71.32	157.12 8.31 -83.70	181.30 12.80 -67.14	278.28 12.19 -174.70	148.12 5.58 -100.13	142.97 6.54 -87.00	126.27 6.17 -70.93	124.84 6.56 -64.38	74.30 7.02 -0.01

BRISTLHL_115KV_TB1 79998	88.41 -2.51 0.00	112.16 -3.23 0.00	110.97 -3.27 0.00	98.22 -3.03 0.00	133.80 -4.01 0.00	98.13 -2.61 0.00	114.26 -2.83 0.00	138.29 -3.02 0.00	174.14 -3.39 0.00	69.09 -1.20 0.00	58.75 -1.14 0.00	87.21 -1.89 -0.17	75.96 -1.68 -1.12	73.87 -1.57 -2.57	43.96 -0.67 -9.14	72.96 -1.33 -5.28	68.64 -1.23 -4.74	101.13 -1.88 -1.64	92.67 -1.87 -3.15	43.36 -0.86 -1.82	48.79 -1.10 -0.46	47.96 -1.21 0.00	52.63 -1.46 -0.18	65.30 -1.97 0.00
BROOKHAVEN___DRP 24191	103.10 9.81 -2.37	139.01 13.59 -10.03	135.21 12.72 -8.25	131.66 11.03 -19.37	170.82 14.98 -18.02	158.96 12.54 -45.68	217.52 13.76 -86.67	236.68 17.14 -78.24	316.79 20.11 -119.15	290.82 6.58 -213.95	96.24 6.87 -29.48	100.42 9.29 -2.21	98.29 7.27 -14.49	114.05 7.73 -33.46	161.80 4.04 -122.27	148.86 8.64 -71.21	156.82 8.46 -83.25	182.19 13.13 -67.69	280.88 12.74 -176.75	148.53 5.91 -100.21	143.59 6.91 -87.24	126.99 6.42 -71.40	125.86 6.92 -65.03	74.68 7.40 -0.01
BROOKLYN_NAVY_YARD 23515	100.30 7.01 -2.37	132.65 8.80 -8.46	130.70 8.22 -8.24	127.32 6.71 -19.35	165.40 9.58 -18.01	126.42 7.18 -18.50	204.77 9.91 -77.77	206.91 12.46 -53.14	312.99 16.33 -119.12	290.91 6.73 -213.89	90.00 5.18 -24.94	98.11 6.98 -2.20	96.76 5.75 -14.49	111.71 5.40 -33.45	157.28 2.66 -119.14	143.46 5.40 -69.05	132.57 5.29 -62.16	131.81 8.70 -21.75	140.91 7.77 -41.75	69.69 3.68 -23.61	59.79 4.32 -6.05	53.17 4.01 0.00	60.46 4.24 -2.31	71.82 4.55 0.00
BROOKLYN___ARMY_DRP 323595	101.26 7.97 -2.37	133.84 10.00 -8.46	131.91 9.43 -8.24	128.35 7.74 -19.35	166.85 11.03 -18.01	127.51 8.27 -18.51	206.00 11.13 -77.78	208.42 13.96 -53.15	314.85 18.19 -119.13	291.65 7.45 -213.91	90.63 5.81 -24.94	99.02 7.89 -2.21	97.54 6.53 -14.49	112.47 6.15 -33.45	157.55 3.04 -119.03	144.25 6.19 -69.06	132.92 6.00 -61.81	132.32 9.59 -21.37	140.80 8.66 -40.74	70.08 4.06 -23.62	67.20 4.95 -12.82	68.78 4.68 -14.94	69.61 4.83 -10.87	80.36 5.20 -7.89
BROOKVLE_69_KV_TB1 55790	101.56 8.27 -2.37	135.55 10.99 -9.17	132.98 10.50 -8.25	129.60 8.98 -19.36	168.03 12.20 -18.02	140.90 9.48 -30.68	209.88 11.70 -81.08	218.79 14.64 -62.84	314.99 18.30 -119.15	291.36 7.12 -213.95	95.66 6.29 -29.48	99.51 8.38 -2.21	98.00 6.99 -14.49	113.09 6.77 -33.46	160.29 3.39 -121.42	149.37 6.97 -73.40	161.03 6.77 -89.15	159.50 10.64 -47.50	210.15 9.73 -109.03	131.47 4.65 -84.42	122.05 5.43 -67.19	102.54 5.11 -48.26	98.90 5.34 -39.65	72.90 5.62 0.00
BROOME_2_LFGE 323671	91.84 0.18 -0.74	118.20 0.19 -2.63	116.79 -0.01 -2.56	107.14 -0.13 -6.01	143.32 -0.09 -5.60	106.91 0.43 -5.75	141.34 0.43 -23.82	157.79 0.22 -16.26	214.28 1.28 -35.47	124.69 0.62 -53.79	68.04 0.41 -7.74	90.37 0.71 -0.74	81.75 0.38 -4.85	84.38 0.35 -11.16	75.36 0.22 -39.65	92.19 0.28 -22.90	85.42 0.29 -20.01	105.93 0.24 -4.33	92.74 0.17 -1.17	48.68 0.07 -6.20	46.95 -0.08 2.40	47.37 -0.20 1.59	49.29 -0.39 4.23	65.14 -0.70 1.42
BROOME___LFGE 323600	91.84 0.18 -0.74	118.20 0.19 -2.63	116.79 -0.01 -2.56	107.14 -0.13 -6.01	143.32 -0.09 -5.60	106.91 0.43 -5.75	141.34 0.43 -23.82	157.79 0.22 -16.26	214.28 1.28 -35.47	124.69 0.62 -53.79	68.04 0.41 -7.74	90.37 0.71 -0.74	81.75 0.38 -4.85	84.38 0.35 -11.16	75.36 0.22 -39.65	92.19 0.28 -22.90	85.42 0.29 -20.01	105.93 0.24 -4.33	92.74 0.17 -1.17	48.68 0.07 -6.20	46.95 -0.08 2.40	47.37 -0.20 1.59	49.29 -0.39 4.23	65.14 -0.70 1.42
BROWNFLS_115KV_TB_3_5 80003	91.22 0.31 0.00	115.81 0.43 0.00	114.62 0.38 0.00	101.82 0.56 0.00	138.00 0.18 0.00	100.48 -0.25 0.00	115.44 -1.65 0.00	139.11 -2.19 0.00	174.39 -3.15 0.00	69.26 -1.03 0.00	59.39 -0.50 0.00	87.66 -1.32 -0.05	75.89 -1.01 -0.38	72.90 -0.83 -0.87	38.14 -0.43 -3.09	69.53 -1.26 -1.78	65.37 -1.35 -1.60	100.24 -1.68 -0.55	90.84 -1.52 -0.96	41.90 -1.11 -0.61	48.24 -1.35 -0.16	48.15 -1.01 0.00	52.77 -1.19 -0.06	66.09 -1.18 0.00
BROWNSV1_27_KV_LOAD 356125	101.58 8.29 -2.37	134.22 10.37 -8.46	132.30 9.82 -8.24	128.77 8.16 -19.35	167.31 11.49 -18.01	127.87 8.63 -18.50	206.48 11.61 -77.77	209.00 14.56 -53.14	315.65 19.00 -119.12	291.97 7.79 -213.89	90.95 6.12 -24.94	99.49 8.36 -2.20	97.94 6.93 -14.49	112.82 6.51 -33.45	157.72 3.22 -119.02	144.60 6.54 -69.05	133.27 6.34 -61.81	132.99 10.25 -21.37	141.34 9.21 -40.74	70.33 4.32 -23.61	60.54 5.06 -6.05	53.90 4.74 0.00	61.18 4.97 -2.31	72.72 5.45 0.00
BURROWS___LYONSDAL 23803	93.37 2.45 0.00	118.47 3.08 0.00	117.19 2.96 0.00	103.96 2.70 0.00	141.37 3.56 0.00	103.89 3.16 0.00	120.60 3.51 0.00	145.48 4.17 0.00	182.92 5.38 0.00	72.67 2.38 0.00	61.93 2.04 0.00	91.87 2.87 -0.07	79.46 2.45 -0.49	76.45 2.47 -1.12	40.74 1.27 -3.98	73.21 1.91 -2.30	69.02 1.83 -2.07	105.24 3.16 -0.72	95.48 2.79 -1.29	44.12 0.93 -0.79	50.48 0.85 -0.20	49.82 0.65 0.00	54.23 0.24 -0.08	67.22 -0.05 0.00
CAITHNESS_CC_1 323624	102.85 9.56 -2.37	138.57 13.15 -10.03	134.83 12.35 -8.25	131.26 10.63 -19.37	170.26 14.43 -18.02	158.55 12.13 -45.69	217.10 13.33 -86.67	236.16 16.61 -78.25	316.43 19.74 -119.15	290.87 6.63 -213.95	96.14 6.77 -29.48	100.18 9.05 -2.21	98.21 7.20 -14.49	113.89 7.56 -33.46	161.70 3.94 -122.27	148.59 8.38 -71.21	156.53 8.18 -83.23	181.78 12.70 -67.71	280.50 12.30 -176.80	148.31 5.69 -100.21	143.33 6.66 -87.25	126.79 6.20 -71.42	125.63 6.67 -65.04	74.38 7.10 -0.01
CALPINE BETH_PAGE_GT4 24209	101.47 8.19 -2.37	135.96 10.93 -9.64	132.68 10.20 -8.25	129.38 8.75 -19.37	167.53 11.70 -18.02	149.36 9.76 -38.86	212.75 11.53 -84.13	227.05 14.51 -71.24	314.32 17.63 -119.15	290.82 6.58 -213.95	95.45 6.08 -29.48	99.09 7.96 -2.21	97.59 6.58 -14.49	112.90 6.58 -33.46	160.89 3.32 -122.08	148.64 6.90 -72.74	161.18 6.68 -89.39	171.20 10.25 -59.59	248.29 9.68 -147.22	145.60 4.61 -98.59	138.15 5.40 -83.32	118.60 5.14 -64.29	114.87 5.44 -55.53	72.97 5.69 0.00
CALPINE_BETH_PAGE_GT_4 323586	101.47 8.19 -2.37	135.97 10.94 -9.64	132.68 10.19 -8.25	129.37 8.74 -19.37	167.52 11.68 -18.02	149.36 9.77 -38.86	212.77 11.55 -84.13	227.05 14.50 -71.24	314.31 17.63 -119.15	290.82 6.58 -213.95	95.44 6.07 -29.48	99.09 7.96 -2.21	97.60 6.58 -14.49	112.90 6.58 -33.46	160.89 3.32 -122.08	148.63 6.89 -72.74	161.18 6.67 -89.39	171.20 10.25 -59.59	248.29 9.68 -147.22	145.61 4.61 -98.59	138.15 5.40 -83.32	118.61 5.15 -64.29	114.88 5.45 -55.53	72.96 5.69 0.00
CALPINE_BP_GT1 23823	101.47 8.19 -2.37	135.97 10.94 -9.64	132.68 10.19 -8.25	129.37 8.74 -19.37	167.52 11.68 -18.02	149.36 9.77 -38.86	212.77 11.55 -84.13	227.05 14.50 -71.24	314.31 17.63 -119.15	290.82 6.58 -213.95	95.44 6.07 -29.48	99.09 7.96 -2.21	97.60 6.58 -14.49	112.90 6.58 -33.46	160.89 3.32 -122.08	148.63 6.89 -72.74	161.18 6.67 -89.39	171.20 10.25 -59.59	248.29 9.68 -147.22	145.61 4.61 -98.59	138.15 5.40 -83.32	118.61 5.15 -64.29	114.88 5.45 -55.53	72.96 5.69 0.00
CALSPAN___DRP 24200	87.24 -4.02 -0.35	111.39 -5.23 -1.24	110.32 -5.12 -1.21	99.23 -4.86 -2.84	133.54 -6.91 -2.64	99.48 -3.96 -2.71	120.89 -6.79 -10.59	139.50 -9.45 -7.64	182.92 -11.25 -16.64	91.69 -3.97 -25.38	60.22 -3.29 -3.63	83.05 -6.25 -0.38	73.17 -5.85 -2.50	72.62 -5.99 -5.75	52.18 -2.88 -19.57	74.84 -5.96 -11.79	69.06 -5.35 -9.29	89.53 -9.15 2.68	56.79 -8.18 26.43	30.65 -3.63 8.12	29.71 -4.23 15.49	32.91 -4.44 11.81	34.45 -5.09 14.36	52.74 -6.03 8.50

CALVERTON___SOLAR 323806	103.37 10.08 -2.37	139.46 14.03 -10.03	135.65 13.16 -8.25	132.04 11.41 -19.37	171.40 15.57 -18.02	159.46 13.05 -45.67	217.98 14.22 -86.66	237.17 17.63 -78.23	317.16 20.47 -119.15	290.79 6.55 -213.95	96.35 6.98 -29.48	100.69 9.55 -2.21	98.43 7.42 -14.49	114.25 7.94 -33.46	161.91 4.15 -122.27	149.14 8.93 -71.21	157.13 8.76 -83.25	182.62 13.56 -67.69	281.39 13.27 -176.73	148.77 6.16 -100.21	143.88 7.21 -87.24	127.24 6.68 -71.40	126.15 7.22 -65.02	75.00 7.73 -0.01
CANDIGU_WT_PWR 323617	87.50 -3.89 -0.47	111.83 -5.23 -1.67	111.18 -4.69 -1.63	100.92 -4.17 -3.83	135.06 -6.31 -3.56	101.07 -3.33 -3.66	126.32 -4.74 -13.97	145.77 -5.87 -10.33	194.49 -5.55 -22.51	102.53 -2.07 -34.32	62.94 -1.85 -4.91	86.21 -3.22 -0.51	76.50 -3.34 -3.33	76.90 -3.63 -7.67	56.26 -1.78 -22.56	81.21 -3.52 -15.72	73.59 -3.37 -11.84	88.77 -6.34 6.25	16.55 -5.87 68.97	-7.80 -2.76 47.44	-6.00 -3.42 52.01	-6.00 -3.64 51.52	11.60 -4.21 38.10	26.81 -5.78 34.68
CARR STREET_E_SYR 24060	89.60 -1.31 0.00	113.66 -1.73 0.00	112.44 -1.80 0.00	99.54 -1.72 0.00	135.57 -2.24 0.00	99.51 -1.23 0.00	115.81 -1.28 0.00	139.78 -1.55 -0.03	176.27 -1.44 -0.18	71.29 -0.40 -1.41	59.45 -0.44 0.00	88.32 -0.82 -0.22	77.16 -0.78 -1.42	75.37 -0.76 -3.27	46.78 -0.31 -11.60	75.00 -0.71 -6.70	70.53 -0.61 -6.02	102.37 -1.08 -2.08	94.30 -1.07 -3.98	44.24 -0.47 -2.30	49.39 -0.62 -0.59	48.41 -0.75 0.00	53.16 -0.97 -0.22	65.87 -1.39 0.00
CARTHAGE___PAPER 23857	93.70 2.78 0.00	118.84 3.45 0.00	117.50 3.26 0.00	104.43 3.17 0.00	141.88 4.07 0.00	104.42 3.69 0.00	120.72 3.64 0.00	145.71 4.40 0.00	183.15 5.61 0.00	72.75 2.46 0.00	62.00 2.12 0.00	91.64 2.63 -0.09	79.16 1.98 -0.66	76.56 2.18 -1.52	42.08 1.19 -5.41	73.81 1.69 -3.12	69.50 1.58 -2.81	105.35 3.02 -0.97	96.08 3.05 -1.64	44.12 0.65 -1.07	50.15 0.44 -0.27	49.38 0.22 0.00	53.55 -0.46 -0.10	66.45 -0.82 0.00
CASSADAGA_WT_PWR 323784	88.10 -3.18 -0.36	112.41 -4.28 -1.30	111.04 -4.46 -1.27	99.77 -4.47 -2.98	134.13 -6.46 -2.78	100.39 -3.19 -2.85	122.63 -5.56 -11.09	142.23 -7.11 -8.04	187.00 -8.02 -17.49	94.40 -2.56 -26.67	61.43 -2.27 -3.81	84.46 -4.87 -0.40	73.38 -5.76 -2.62	72.97 -5.93 -6.03	53.58 -2.68 -20.78	75.21 -6.17 -12.37	68.72 -6.07 -9.67	87.32 -10.88 3.16	52.90 -10.74 27.75	31.13 -5.01 6.26	28.64 -5.89 14.90	32.93 -6.06 10.18	32.32 -6.89 14.70	51.42 -8.30 7.55
CE_DUNWOOD___DRP 24194	100.25 6.97 -2.36	132.68 8.85 -8.44	130.82 8.36 -8.22	127.63 7.06 -19.31	165.66 9.87 -17.97	126.68 7.48 -18.46	204.65 9.97 -77.59	206.69 12.36 -53.02	312.35 15.97 -118.84	290.18 6.53 -213.36	89.93 5.16 -24.88	98.05 6.93 -2.20	96.73 5.74 -14.46	111.66 5.41 -33.38	156.97 2.69 -118.79	143.43 5.51 -68.91	132.20 5.40 -61.68	131.39 8.70 -21.33	139.92 7.86 -40.66	69.65 3.68 -23.57	59.77 4.31 -6.03	53.20 4.03 0.00	60.42 4.21 -2.30	71.87 4.61 0.00
CE_MILLWOOD___DRP 24193	100.03 6.76 -2.35	132.39 8.60 -8.40	130.54 8.12 -8.18	127.34 6.86 -19.22	165.30 9.60 -17.89	126.39 7.28 -18.37	204.03 9.71 -77.23	206.04 11.96 -52.77	311.28 15.47 -118.27	288.91 6.36 -212.26	89.63 4.98 -24.76	97.81 6.69 -2.19	96.47 5.55 -14.40	111.33 5.21 -33.25	156.41 2.60 -118.32	142.98 5.33 -68.64	131.78 5.23 -61.44	131.05 8.45 -21.24	139.52 7.63 -40.50	69.44 3.56 -23.47	59.63 4.19 -6.01	53.08 3.92 0.00	60.28 4.08 -2.29	71.72 4.45 0.00
CE_NYC2_DRP 24202	100.80 7.51 -2.37	133.27 9.42 -8.46	131.38 8.90 -8.24	127.94 7.34 -19.35	166.26 10.43 -18.01	127.07 7.82 -18.51	205.51 10.64 -77.78	207.86 13.41 -53.15	314.27 17.61 -119.13	291.45 7.25 -213.91	90.45 5.62 -24.94	98.69 7.55 -2.21	97.26 6.25 -14.49	112.24 5.92 -33.45	157.45 2.94 -119.03	144.06 5.99 -69.06	132.82 5.89 -61.81	132.16 9.42 -21.37	140.58 8.44 -40.74	69.94 3.93 -23.62	60.12 4.65 -6.05	53.52 4.36 0.00	60.75 4.53 -2.31	72.16 4.89 0.00
CE_NYC_DRP 24195	100.60 7.31 -2.37	133.03 9.19 -8.46	131.10 8.62 -8.24	127.76 7.16 -19.35	165.92 10.09 -18.01	126.81 7.57 -18.50	205.19 10.32 -77.77	207.42 12.97 -53.14	313.67 17.02 -119.11	291.19 7.02 -213.89	90.32 5.49 -24.94	98.55 7.42 -2.20	97.15 6.14 -14.49	112.09 5.78 -33.45	157.36 2.86 -119.02	143.88 5.82 -69.05	132.60 5.68 -61.81	131.93 9.20 -21.37	140.38 8.25 -40.74	69.88 3.87 -23.61	60.01 4.54 -6.05	53.38 4.22 0.00	60.62 4.41 -2.31	72.04 4.77 0.00
CHAFFEE___LFGE 323603	87.82 -3.46 -0.36	112.13 -4.54 -1.29	111.02 -4.48 -1.26	99.93 -4.28 -2.95	134.54 -6.02 -2.75	100.20 -3.36 -2.82	122.19 -5.91 -11.01	140.87 -8.40 -7.96	185.09 -9.78 -17.33	93.35 -3.37 -26.44	60.87 -2.80 -3.78	83.89 -5.44 -0.40	73.95 -5.16 -2.60	73.56 -5.28 -5.98	53.44 -2.58 -20.54	75.84 -5.43 -12.26	69.97 -4.78 -9.62	90.06 -8.34 2.96	56.99 -7.34 27.06	32.51 -3.26 6.63	30.70 -3.82 14.90	34.63 -4.02 10.51	34.76 -4.68 14.47	54.11 -5.43 7.73
CHATEAUG_35_KV_LOAD 355732	91.09 0.17 0.00	115.64 0.25 0.00	114.73 0.50 0.00	101.91 0.65 0.00	138.21 0.40 0.00	100.24 -0.49 0.00	115.77 -1.33 0.00	139.47 -1.84 0.00	174.38 -3.16 0.00	69.06 -1.23 0.00	59.22 -0.67 0.00	87.18 -1.74 0.00	75.26 -1.26 0.00	71.72 -1.14 0.00	34.77 -0.72 0.00	67.89 -1.12 0.00	64.19 -0.92 0.00	99.94 -1.42 0.00	89.83 -1.56 0.00	41.63 -0.78 0.00	48.44 -0.98 0.00	48.37 -0.79 0.00	53.07 -0.84 0.00	66.94 -0.33 0.00
CHATEAUG_WT_PWR 323614	90.90 -0.01 0.00	115.45 0.07 0.00	114.49 0.25 0.00	101.74 0.49 0.00	137.99 0.17 0.00	100.08 -0.65 0.00	115.47 -1.63 0.00	139.05 -2.26 0.00	174.03 -3.50 0.00	68.93 -1.36 0.00	59.05 -0.84 0.00	87.08 -1.85 0.00	75.18 -1.34 0.00	71.67 -1.19 0.00	34.75 -0.73 0.00	67.82 -1.19 0.00	64.10 -1.02 0.00	99.77 -1.59 0.00	89.66 -1.74 0.00	41.55 -0.85 0.00	48.36 -1.07 0.00	48.30 -0.86 0.00	52.97 -0.94 0.00	66.80 -0.47 0.00
CHAT_HIGH_FALL_HYD 323578	91.09 0.17 0.00	115.64 0.25 0.00	114.73 0.50 0.00	101.91 0.65 0.00	138.21 0.40 0.00	100.24 -0.49 0.00	115.77 -1.33 0.00	139.47 -1.84 0.00	174.38 -3.16 0.00	69.06 -1.23 0.00	59.22 -0.67 0.00	87.18 -1.74 0.00	75.26 -1.26 0.00	71.72 -1.14 0.00	34.77 -0.72 0.00	67.89 -1.12 0.00	64.19 -0.92 0.00	99.94 -1.42 0.00	89.83 -1.56 0.00	41.63 -0.78 0.00	48.44 -0.98 0.00	48.37 -0.79 0.00	53.07 -0.84 0.00	66.94 -0.33 0.00
CHAUTAUQUA___LFGE 323629	87.78 -3.49 -0.35	111.99 -4.67 -1.26	110.68 -4.79 -1.23	99.43 -4.72 -2.89	133.76 -6.74 -2.69	100.03 -3.47 -2.77	121.94 -5.95 -10.79	141.16 -7.95 -7.81	185.31 -9.21 -16.98	93.17 -3.02 -25.90	60.96 -2.63 -3.70	83.92 -5.39 -0.39	73.36 -5.71 -2.54	72.82 -5.91 -5.86	52.81 -2.70 -20.03	75.04 -6.00 -12.03	68.94 -5.61 -9.44	88.61 -9.84 2.91	54.77 -9.33 27.28	30.48 -4.25 7.68	28.93 -4.97 15.53	32.55 -5.16 11.46	33.36 -5.88 14.67	51.90 -7.05 8.32
CHERRYST_13_KV_LD 356241	100.88 7.59 -2.37	133.38 9.54 -8.46	131.42 8.94 -8.24	128.06 7.45 -19.35	166.35 10.52 -18.01	127.14 7.90 -18.50	205.59 10.73 -77.77	207.96 13.51 -53.14	314.32 17.67 -119.11	291.47 7.30 -213.89	90.55 5.72 -24.94	98.90 7.77 -2.20	97.46 6.45 -14.49	112.38 6.07 -33.45	157.50 3.00 -119.02	144.15 6.09 -69.05	132.86 5.94 -61.81	132.32 9.58 -21.37	140.70 8.57 -40.74	70.02 4.01 -23.61	60.18 4.70 -6.05	53.54 4.37 0.00	60.78 4.57 -2.31	72.24 4.97 0.00

CHESTROR_138KV_BK263 355645	98.79 5.71 -2.16	130.33 7.24 -7.71	128.60 6.85 -7.51	124.71 5.82 -17.64	162.35 8.12 -16.42	123.82 6.22 -16.86	196.27 8.30 -70.88	199.88 10.18 -48.39	298.96 13.12 -108.31	268.58 5.42 -192.87	86.75 4.14 -22.72	96.51 5.55 -2.04	94.49 4.58 -13.38	108.06 4.27 -30.93	147.75 2.16 -110.11	137.49 4.48 -64.01	126.81 4.40 -57.29	128.27 7.10 -19.81	135.61 6.45 -37.76	67.29 3.00 -21.89	58.55 3.52 -5.61	52.46 3.30 0.00	59.46 3.41 -2.14	70.96 3.70 0.00
CH_MIDHUDSON___DRP 24192	100.90 7.46 -2.52	133.91 9.51 -9.02	132.07 9.05 -8.79	129.71 7.83 -20.63	167.93 10.92 -19.20	128.76 8.30 -19.73	210.82 10.82 -82.91	211.14 13.28 -56.56	321.07 17.13 -126.41	300.70 7.01 -223.41	91.86 5.43 -26.55	98.40 7.24 -2.23	97.27 6.08 -14.66	112.52 5.36 -34.30	160.05 2.67 -121.89	144.70 5.53 -70.16	133.34 5.43 -62.80	131.78 8.71 -21.71	140.68 7.90 -41.39	70.08 3.69 -23.99	59.88 4.31 -6.14	53.21 4.04 0.00	60.51 4.25 -2.35	71.94 4.67 0.00
CH_MISC_IPPS 23765	101.24 7.87 -2.45	134.14 9.99 -8.76	132.30 9.53 -8.53	129.52 8.23 -20.04	167.92 11.46 -18.65	128.64 8.75 -19.16	209.04 11.43 -80.52	210.27 14.03 -54.93	318.36 18.06 -122.76	294.61 7.36 -216.97	91.34 5.67 -25.78	98.76 7.64 -2.19	97.36 6.45 -14.39	112.17 5.70 -33.61	157.82 2.86 -119.47	143.84 5.90 -68.94	132.60 5.79 -61.70	132.03 9.33 -21.33	140.51 8.45 -40.67	69.91 3.93 -23.57	60.06 4.59 -6.03	53.48 4.32 0.00	60.74 4.53 -2.30	72.27 5.00 0.00
CH_RES_BVR_FALLS 23983	89.87 -1.05 0.00	114.13 -1.25 0.00	113.15 -1.09 0.00	100.43 -0.83 0.00	136.54 -1.27 0.00	99.44 -1.29 0.00	115.00 -2.09 0.00	138.81 -2.50 0.00	173.73 -3.81 0.00	68.84 -1.45 0.00	58.85 -1.04 0.00	87.23 -1.70 0.00	75.24 -1.28 0.00	71.64 -1.22 0.00	34.79 -0.69 0.00	67.48 -1.53 0.00	63.74 -1.38 0.00	99.27 -2.09 0.00	89.29 -2.11 0.00	41.29 -1.11 0.00	48.08 -1.34 0.00	47.87 -1.29 0.00	52.47 -1.44 0.00	65.73 -1.55 0.00
CH_RES_NIAGARA 23895	84.85 -6.07 0.00	107.67 -7.72 0.00	106.64 -7.60 0.00	94.15 -7.11 0.00	127.92 -9.89 0.00	94.38 -6.35 0.00	106.34 -10.07 0.69	127.53 -13.83 -0.05	160.74 -17.08 -0.29	66.34 -6.29 -2.35	54.66 -5.22 0.00	79.94 -9.34 -0.35	70.54 -8.29 -2.31	69.85 -8.32 -5.31	49.70 -3.99 -18.21	71.75 -8.14 -10.89	66.44 -7.34 -8.67	86.86 -12.44 2.06	58.62 -11.03 21.74	31.83 -4.66 5.91	31.55 -5.27 12.62	34.32 -5.48 9.36	35.72 -6.20 11.99	53.23 -7.24 6.80
CH_RES_SYRACUSE 23985	90.49 -0.43 0.00	114.73 -0.66 0.00	113.49 -0.75 0.00	100.50 -0.76 0.00	136.85 -0.96 0.00	100.47 -0.26 0.00	116.99 -0.10 0.00	141.78 0.44 -0.03	179.16 1.43 -0.19	72.58 0.74 -1.55	60.48 0.59 0.00	89.78 0.62 -0.24	78.52 0.45 -1.55	76.83 0.40 -3.57	48.42 0.26 -12.67	76.78 0.45 -7.32	72.20 0.51 -6.58	104.35 0.72 -2.27	96.28 0.54 -4.35	45.19 0.28 -2.51	50.34 0.27 -0.64	49.27 0.10 0.00	54.07 -0.08 -0.24	66.93 -0.34 0.00
CLINTON_WT_PWR 323605	90.90 -0.01 0.00	115.45 0.07 0.00	114.49 0.25 0.00	101.74 0.49 0.00	137.99 0.17 0.00	100.08 -0.65 0.00	115.47 -1.63 0.00	139.05 -2.26 0.00	174.03 -3.50 0.00	68.93 -1.36 0.00	59.05 -0.84 0.00	87.08 -1.85 0.00	75.18 -1.34 0.00	71.67 -1.19 0.00	34.75 -0.73 0.00	67.82 -1.19 0.00	64.10 -1.02 0.00	99.77 -1.59 0.00	89.66 -1.74 0.00	41.55 -0.85 0.00	48.36 -1.07 0.00	48.30 -0.86 0.00	52.97 -0.94 0.00	66.80 -0.47 0.00
CLINTON___LFGE 323618	92.69 1.78 0.00	117.80 2.42 0.00	116.78 2.55 0.00	103.79 2.54 0.00	140.61 2.80 0.00	102.01 1.28 0.00	117.68 0.59 0.00	141.46 0.15 0.00	177.20 -0.33 0.00	70.31 0.02 0.00	60.24 0.35 0.00	88.64 -0.29 0.00	76.49 -0.03 0.00	72.89 0.03 0.00	35.33 -0.15 0.00	68.99 -0.02 0.00	65.34 0.22 0.00	101.88 0.52 0.00	91.42 0.03 0.00	42.35 -0.06 0.00	49.17 -0.26 0.00	49.07 -0.09 0.00	53.77 -0.14 0.00	67.94 0.67 0.00
COBBLENY_34_KV_TB1 80064	87.83 -3.45 -0.36	112.13 -4.54 -1.29	111.00 -4.49 -1.26	99.93 -4.28 -2.95	134.48 -6.08 -2.75	100.20 -3.36 -2.82	122.12 -5.97 -11.01	140.78 -8.48 -7.96	184.95 -9.92 -17.33	93.26 -3.46 -26.44	60.80 -2.87 -3.78	83.89 -5.44 -0.40	73.96 -5.16 -2.60	73.57 -5.27 -5.98	53.42 -2.60 -20.54	75.84 -5.43 -12.26	69.94 -4.79 -9.62	90.12 -8.28 2.96	56.99 -7.34 27.06	32.54 -3.23 6.63	30.74 -3.79 14.90	34.63 -4.02 10.51	34.76 -4.68 14.47	54.09 -5.46 7.73
COFFEEN___115KV_TB3 355620	95.44 4.52 0.00	120.90 5.51 0.00	119.47 5.24 0.00	106.19 4.94 0.00	144.40 6.60 0.00	106.70 5.97 0.00	123.78 6.68 0.00	149.71 8.40 0.00	188.38 10.85 0.00	74.72 4.43 0.00	63.34 3.45 0.00	92.95 3.92 -0.10	79.73 2.45 -0.75	77.29 2.69 -1.73	43.13 1.49 -6.16	74.93 2.37 -3.55	70.59 2.28 -3.20	106.71 4.24 -1.10	98.89 5.67 -1.83	44.76 1.14 -1.22	50.67 0.93 -0.31	49.71 0.55 0.00	53.76 -0.27 -0.12	66.56 -0.71 0.00
COLDSPRG_115KV_BK1 355956	89.31 -1.99 -0.38	114.06 -2.68 -1.36	112.63 -2.93 -1.33	101.49 -2.89 -3.12	136.60 -4.12 -2.90	101.87 -1.85 -2.98	124.61 -4.05 -11.57	144.27 -5.44 -8.41	190.16 -5.66 -18.28	96.44 -1.72 -27.88	62.53 -1.34 -3.98	86.11 -3.23 -0.42	75.13 -4.13 -2.73	74.88 -4.28 -6.30	55.52 -1.92 -21.96	77.55 -4.37 -12.91	71.15 -4.01 -10.04	90.85 -6.95 3.57	56.41 -6.50 28.48	35.33 -3.05 4.02	31.90 -3.63 13.90	37.18 -3.82 8.16	34.78 -4.39 14.74	55.68 -5.26 6.34
COLONIE_LFGE___ 323577	109.27 5.49 -12.86	168.41 7.08 -45.94	165.88 6.88 -44.77	212.50 6.14 -105.10	244.02 8.38 -97.83	207.54 6.30 -100.50	547.07 7.60 -422.37	432.64 8.93 -282.40	798.33 11.45 -609.35	936.66 4.77 -861.61	198.35 3.80 -134.66	96.90 5.20 -2.77	99.25 4.52 -18.22	119.04 4.25 -41.93	186.36 2.01 -148.86	159.67 3.98 -86.68	147.62 3.78 -78.73	134.51 5.93 -27.22	148.66 5.38 -51.89	74.97 2.49 -30.08	60.02 2.89 -7.70	51.97 2.81 0.00	59.93 3.08 -2.94	70.84 3.57 0.00
COOPERNY_115KV_TB1 80082	96.69 4.09 -1.68	126.59 5.19 -6.01	125.00 4.90 -5.86	119.14 4.13 -13.76	156.40 5.79 -12.81	118.38 4.49 -13.16	178.42 6.04 -55.29	186.33 7.37 -37.66	271.05 9.58 -83.93	220.23 3.96 -145.97	80.64 3.03 -17.72	94.74 4.15 -1.66	90.86 3.40 -10.94	101.37 3.20 -25.31	127.18 1.64 -90.05	124.58 3.31 -52.26	115.19 3.26 -46.82	122.76 5.21 -16.19	126.98 4.73 -30.86	62.49 2.21 -17.89	56.59 2.58 -4.58	51.57 2.41 0.00	58.14 2.48 -1.75	69.91 2.64 0.00
COPENHAGEN_WT_PWR 323753	92.62 1.70 0.00	117.43 2.05 0.00	116.09 1.86 0.00	103.32 2.06 0.00	140.41 2.60 0.00	103.61 2.87 0.00	119.80 2.71 0.00	144.69 3.39 0.00	181.95 4.41 0.00	72.30 2.01 0.00	61.54 1.65 0.00	91.12 2.09 -0.11	78.72 1.42 -0.78	76.27 1.61 -1.79	42.80 0.96 -6.36	73.91 1.24 -3.67	69.50 1.08 -3.30	104.70 2.20 -1.14	95.72 2.35 -1.97	43.97 0.31 -1.26	49.68 -0.08 -0.32	48.66 -0.50 0.00	52.53 -1.51 -0.12	65.06 -2.21 0.00
CORNELL_____ 23752	93.47 2.04 -0.52	119.60 2.35 -1.86	118.25 2.20 -1.82	107.39 1.87 -4.26	144.40 2.62 -3.97	107.39 2.58 -4.08	141.27 3.30 -20.88	156.84 4.03 -11.50	208.46 5.93 -25.00	110.58 2.42 -37.88	67.23 1.89 -5.46	92.07 2.63 -0.52	81.98 2.05 -3.41	82.65 1.95 -7.84	64.65 1.02 -28.15	86.96 1.86 -16.09	87.56 1.86 -20.59	138.88 2.82 -34.69	237.08 2.46 -143.23	69.60 1.09 -26.10	101.14 1.12 -50.59	69.71 0.85 -19.70	109.46 0.66 -54.89	84.74 0.51 -16.95

CORONA__69_KV_TB1 355595	101.74 8.46 -2.37	135.31 11.22 -8.71	132.96 10.47 -8.25	129.63 9.01 -19.36	167.81 11.98 -18.02	133.44 10.02 -22.68	207.09 11.90 -78.10	210.82 14.88 -54.63	314.98 18.29 -119.15	291.18 6.94 -213.95	95.68 6.31 -29.48	99.51 8.37 -2.21	97.98 6.96 -14.50	113.10 6.78 -33.46	162.71 3.45 -123.78	157.00 7.03 -80.96	206.26 6.89 -134.26	162.47 10.82 -50.29	191.63 10.30 -89.93	189.14 4.77 -141.97	173.13 5.61 -118.09	130.78 5.37 -76.25	109.73 5.70 -50.13	73.31 6.03 0.00
CORTLAND__115KV_TB3 80093	92.51 1.20 -0.39	118.18 1.39 -1.40	116.86 1.26 -1.36	105.46 1.00 -3.20	142.25 1.46 -2.98	105.41 1.61 -3.06	133.10 2.11 -13.89	152.42 2.47 -8.64	200.27 3.92 -18.81	100.59 1.64 -28.67	65.25 1.26 -4.10	91.10 1.75 -0.42	80.67 1.37 -2.78	80.59 1.33 -6.39	58.91 0.70 -22.71	83.38 1.25 -13.12	79.80 1.22 -13.46	115.32 1.81 -12.14	136.53 1.52 -43.61	52.41 0.69 -9.32	63.98 0.65 -13.91	54.21 0.46 -4.59	69.10 0.30 -14.89	71.50 0.11 -4.12
COXSACKIE__GT 23611	105.62 8.83 -5.87	147.44 11.10 -20.96	145.66 11.00 -20.42	158.68 9.47 -47.95	195.70 13.26 -44.63	156.28 9.69 -45.85	321.37 11.58 -192.70	284.69 14.33 -129.05	474.74 17.94 -279.27	477.77 4.26 -403.22	127.08 5.74 -61.46	99.42 7.90 -2.59	100.72 7.16 -17.04	119.14 6.72 -39.56	178.82 2.92 -140.41	156.58 6.17 -81.40	144.86 5.98 -73.77	136.41 9.54 -25.50	148.46 8.45 -48.62	74.38 3.79 -28.18	60.97 4.33 -7.22	53.39 4.22 0.00	61.27 4.61 -2.76	73.12 5.85 0.00
CPV_VALLEY__CC1 323721	97.64 4.74 -1.98	128.49 6.05 -7.06	126.78 5.67 -6.88	122.19 4.79 -16.15	159.57 6.72 -15.03	121.35 5.17 -15.44	189.00 7.01 -64.91	194.18 8.58 -44.29	287.70 11.13 -99.03	250.33 4.60 -175.44	84.21 3.52 -20.81	95.54 4.72 -1.90	92.89 3.88 -12.50	105.34 3.60 -28.88	140.12 1.83 -102.80	132.60 3.78 -59.81	122.37 3.71 -53.55	125.86 5.99 -18.51	132.14 5.45 -35.29	65.41 2.55 -20.46	57.65 2.99 -5.24	51.94 2.78 0.00	58.79 2.88 -2.00	70.31 3.04 0.00
CPV_VALLEY__CC2 323722	97.64 4.74 -1.98	128.49 6.05 -7.06	126.78 5.67 -6.88	122.19 4.79 -16.15	159.57 6.72 -15.03	121.35 5.17 -15.44	189.00 7.01 -64.91	194.18 8.58 -44.29	287.70 11.13 -99.03	250.33 4.60 -175.44	84.21 3.52 -20.81	95.54 4.72 -1.90	92.89 3.88 -12.50	105.34 3.60 -28.88	140.12 1.83 -102.80	132.60 3.78 -59.81	122.37 3.71 -53.55	125.86 5.99 -18.51	132.14 5.45 -35.29	65.41 2.55 -20.46	57.65 2.99 -5.24	51.94 2.78 0.00	58.79 2.88 -2.00	70.31 3.04 0.00
CRESCENT__HYD 24018	109.27 5.49 -12.86	168.41 7.08 -45.94	165.88 6.88 -44.77	212.50 6.14 -105.10	244.02 8.38 -97.83	207.54 6.30 -100.50	547.07 7.60 -422.37	432.64 8.93 -282.40	798.33 11.45 -609.35	936.66 4.77 -861.61	198.35 3.80 -134.66	96.90 5.20 -2.77	99.25 4.52 -18.22	119.04 4.25 -41.93	186.36 2.01 -148.86	159.67 3.98 -86.68	147.62 3.78 -78.73	134.51 5.93 -27.22	148.66 5.38 -51.89	74.97 2.49 -30.08	60.02 2.89 -7.70	51.97 2.81 0.00	59.93 3.08 -2.94	70.84 3.57 0.00
CRICKET__VALLEY_CC1 323756	100.22 6.52 -2.78	133.63 8.33 -9.92	131.80 7.89 -9.67	130.94 6.99 -22.70	168.68 9.74 -21.13	129.79 7.36 -21.71	217.83 9.51 -91.23	214.99 11.49 -62.19	331.27 14.89 -138.84	320.34 6.19 -243.87	93.97 4.74 -29.35	97.43 6.18 -2.33	97.01 5.18 -15.31	113.05 4.88 -35.30	163.39 2.39 -125.51	146.60 4.99 -72.60	135.10 4.93 -65.06	131.78 7.92 -22.49	141.46 7.19 -42.88	70.64 3.38 -24.85	59.76 3.96 -6.36	52.89 3.72 0.00	60.26 3.92 -2.43	71.59 4.32 0.00
CRICKET__VALLEY_CC2 323757	100.22 6.52 -2.78	133.63 8.33 -9.92	131.80 7.89 -9.67	130.94 6.99 -22.70	168.68 9.74 -21.13	129.79 7.36 -21.71	217.83 9.51 -91.23	214.99 11.49 -62.19	331.27 14.89 -138.84	320.34 6.19 -243.87	93.97 4.74 -29.35	97.43 6.18 -2.33	97.01 5.18 -15.31	113.05 4.88 -35.30	163.39 2.39 -125.51	146.60 4.99 -72.60	135.10 4.93 -65.06	131.78 7.92 -22.49	141.46 7.19 -42.88	70.64 3.38 -24.85	59.76 3.96 -6.36	52.89 3.72 0.00	60.26 3.92 -2.43	71.59 4.32 0.00
CRICKET__VALLEY_CC3 323758	100.22 6.52 -2.78	133.63 8.33 -9.92	131.80 7.89 -9.67	130.94 6.99 -22.70	168.68 9.74 -21.13	129.79 7.36 -21.71	217.83 9.51 -91.23	214.99 11.49 -62.19	331.27 14.89 -138.84	320.34 6.19 -243.87	93.97 4.74 -29.35	97.43 6.18 -2.33	97.01 5.18 -15.31	113.05 4.88 -35.30	163.39 2.39 -125.51	146.60 4.99 -72.60	135.10 4.93 -65.06	131.78 7.92 -22.49	141.46 7.19 -42.88	70.64 3.38 -24.85	59.76 3.96 -6.36	52.89 3.72 0.00	60.26 3.92 -2.43	71.59 4.32 0.00
CRUCIBLE__METL_DRP 24180	90.49 -0.43 0.00	114.72 -0.66 0.00	113.49 -0.75 0.00	100.50 -0.76 0.00	136.84 -0.97 0.00	100.48 -0.26 0.00	116.99 -0.10 0.00	141.80 0.46 -0.03	179.16 1.44 -0.19	72.57 0.74 -1.55	60.46 0.57 0.00	89.78 0.62 -0.24	78.53 0.46 -1.55	76.84 0.40 -3.57	48.42 0.27 -12.67	76.78 0.45 -7.32	72.20 0.51 -6.58	104.36 0.72 -2.27	96.27 0.53 -4.35	45.20 0.28 -2.51	50.36 0.29 -0.64	49.27 0.11 0.00	54.07 -0.08 -0.24	66.92 -0.34 0.00
DAHOWA__HYDRO 323763	111.69 5.91 -14.86	176.02 7.57 -53.07	173.39 7.44 -51.71	229.38 6.72 -121.40	259.92 9.11 -113.00	223.78 6.96 -116.09	613.74 8.77 -487.88	478.01 10.61 -326.09	894.57 13.85 -703.19	1065.75 5.53 -989.93	219.98 4.47 -155.62	97.74 6.00 -2.82	100.16 5.13 -18.50	120.33 4.89 -42.58	189.04 2.38 -151.18	161.97 4.92 -88.05	149.78 4.68 -79.98	136.44 7.42 -27.65	150.78 6.67 -52.72	76.05 3.09 -30.56	60.75 3.50 -7.82	52.49 3.33 0.00	60.44 3.55 -2.99	71.26 3.98 0.00
DANC__LFGE 323619	90.58 -0.34 0.00	114.85 -0.54 0.00	113.59 -0.65 0.00	100.85 -0.40 0.00	137.23 -0.58 0.00	101.00 0.26 0.00	117.13 0.04 0.00	141.41 0.11 0.00	177.93 0.39 0.00	70.66 0.37 0.00	60.12 0.23 0.00	89.32 0.26 -0.14	77.58 0.15 -0.91	75.26 0.30 -2.10	43.23 0.29 -7.45	73.50 0.19 -4.30	69.14 0.16 -3.87	103.22 0.52 -1.34	94.18 0.28 -2.51	43.74 -0.14 -1.48	49.35 -0.46 -0.38	48.40 -0.77 0.00	52.57 -1.48 -0.14	65.15 -2.12 0.00
DANSKAMMER__1 23586	101.24 7.87 -2.45	134.14 9.99 -8.76	132.30 9.53 -8.53	129.52 8.23 -20.04	167.92 11.46 -18.65	128.64 8.75 -19.16	209.04 11.43 -80.52	210.27 14.03 -54.93	318.36 18.06 -122.76	294.61 7.36 -216.97	91.34 5.67 -25.78	98.76 7.64 -2.19	97.36 6.45 -14.39	112.17 5.70 -33.61	157.82 2.86 -119.47	143.84 5.90 -68.94	132.60 5.79 -61.70	132.03 9.33 -21.33	140.51 8.45 -40.67	69.91 3.93 -23.57	60.06 4.59 -6.03	53.48 4.32 0.00	60.74 4.53 -2.30	72.27 5.00 0.00
DANSKAMMER__2 23589	101.24 7.87 -2.45	134.14 9.99 -8.76	132.30 9.53 -8.53	129.52 8.23 -20.04	167.92 11.46 -18.65	128.64 8.75 -19.16	209.04 11.43 -80.52	210.27 14.03 -54.93	318.36 18.06 -122.76	294.61 7.36 -216.97	91.34 5.67 -25.78	98.76 7.64 -2.19	97.36 6.45 -14.39	112.17 5.70 -33.61	157.82 2.86 -119.47	143.84 5.90 -68.94	132.60 5.79 -61.70	132.03 9.33 -21.33	140.51 8.45 -40.67	69.91 3.93 -23.57	60.06 4.59 -6.03	53.48 4.32 0.00	60.74 4.53 -2.30	72.27 5.00 0.00
DANSKAMMER__3 23590	101.24 7.87 -2.45	134.14 9.99 -8.76	132.30 9.53 -8.53	129.52 8.23 -20.04	167.92 11.46 -18.65	128.64 8.75 -19.16	209.04 11.43 -80.52	210.27 14.03 -54.93	318.36 18.06 -122.76	294.61 7.36 -216.97	91.34 5.67 -25.78	98.76 7.64 -2.19	97.36 6.45 -14.39	112.17 5.70 -33.61	157.82 2.86 -119.47	143.84 5.90 -68.94	132.60 5.79 -61.70	132.03 9.33 -21.33	140.51 8.45 -40.67	69.91 3.93 -23.57	60.06 4.59 -6.03	53.48 4.32 0.00	60.74 4.53 -2.30	72.27 5.00 0.00

DANSKAMMER___4 23591	101.24 7.87 -2.45	134.14 9.99 -8.76	132.30 9.53 -8.53	129.52 8.23 -20.04	167.92 11.46 -18.65	128.64 8.75 -19.16	209.04 11.43 -80.52	210.27 14.03 -54.93	318.36 18.06 -122.76	294.61 7.36 -216.97	91.34 5.67 -25.78	98.76 7.64 -2.19	97.36 6.45 -14.39	112.17 5.70 -33.61	157.82 2.86 -119.47	143.84 5.90 -68.94	132.60 5.79 -61.70	132.03 9.33 -21.33	140.51 8.45 -40.67	69.91 3.93 -23.57	60.06 4.59 -6.03	53.48 4.32 0.00	60.74 4.53 -2.30	72.27 5.00 0.00
DANSKAMMER___DIESEL 23592	101.24 7.87 -2.45	134.14 10.00 -8.76	132.30 9.52 -8.53	129.52 8.23 -20.04	167.93 11.47 -18.65	128.64 8.75 -19.16	209.04 11.42 -80.52	210.30 14.06 -54.93	318.36 18.07 -122.76	294.61 7.36 -216.97	91.35 5.68 -25.78	98.76 7.64 -2.19	97.37 6.45 -14.39	112.17 5.70 -33.61	157.82 2.86 -119.47	143.84 5.90 -68.94	132.61 5.80 -61.70	132.04 9.34 -21.33	140.51 8.45 -40.67	69.91 3.93 -23.57	60.06 4.59 -6.03	53.49 4.32 0.00	60.73 4.52 -2.30	72.27 5.00 0.00
DARBY___SOLAR 323810	111.14 5.61 -14.61	174.73 7.14 -52.20	172.14 7.04 -50.86	227.03 6.36 -119.41	257.54 8.57 -111.15	221.45 6.54 -114.19	605.16 8.18 -479.89	471.90 9.83 -320.76	882.11 12.83 -691.75	1049.82 5.17 -974.36	217.12 4.16 -153.06	97.32 5.59 -2.81	99.76 4.78 -18.46	119.91 4.56 -42.49	188.55 2.22 -150.85	161.42 4.56 -87.85	149.28 4.36 -79.80	135.85 6.89 -27.59	150.21 6.22 -52.60	75.76 2.87 -30.49	60.50 3.27 -7.81	52.27 3.11 0.00	60.22 3.34 -2.98	71.04 3.77 0.00
DASHVILLE___HYD 23610	103.11 8.98 -3.21	138.14 11.27 -11.48	136.24 10.81 -11.19	136.86 9.34 -26.27	175.33 13.07 -24.45	135.80 9.95 -25.12	235.64 12.99 -105.56	228.86 16.14 -71.42	355.59 20.68 -157.38	334.64 8.37 -255.99	100.01 6.38 -33.74	99.76 8.59 -2.24	98.38 7.14 -14.72	112.70 4.74 -35.09	162.36 2.41 -124.46	145.24 5.16 -71.07	134.00 5.12 -63.76	131.76 8.35 -22.04	140.95 7.53 -42.03	70.23 3.47 -24.36	59.80 4.13 -6.24	53.06 3.90 0.00	60.33 4.04 -2.38	71.65 4.38 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	104.47 11.18 -2.37	140.90 15.48 -10.03	136.92 14.43 -8.25	133.40 12.77 -19.37	173.54 17.71 -18.02	161.10 14.70 -45.66	219.01 15.25 -86.66	238.14 18.62 -78.22	318.47 21.78 -119.15	291.19 6.96 -213.95	97.06 7.69 -29.48	101.95 10.82 -2.21	99.43 8.42 -14.49	115.17 8.85 -33.46	162.37 4.62 -122.27	150.28 10.06 -71.21	158.20 9.83 -83.25	183.86 14.81 -67.68	283.11 15.03 -176.69	149.70 7.09 -100.21	145.01 8.35 -87.24	128.33 7.78 -71.39	127.29 8.38 -65.01	76.32 9.04 -0.01
DELAWARE___LFGE 323621	96.67 3.54 -2.22	127.72 4.42 -7.92	126.18 4.22 -7.72	123.01 3.63 -18.13	159.78 5.10 -16.87	122.22 4.15 -17.33	195.20 5.26 -72.85	196.35 6.22 -48.82	291.53 8.20 -105.79	227.67 3.36 -154.03	85.89 2.72 -23.27	94.05 4.15 -0.98	86.36 3.43 -6.41	90.87 3.25 -14.76	89.61 1.70 -52.42	102.50 3.22 -30.27	95.40 3.08 -27.20	115.49 4.72 -9.40	113.60 4.28 -17.93	54.72 1.93 -10.39	54.27 2.18 -2.66	51.13 1.97 0.00	56.99 2.07 -1.02	69.42 2.15 0.00
DERFIELD_115KV_TB7 355931	91.65 0.73 0.00	116.32 0.93 0.00	115.15 0.91 0.00	101.96 0.71 0.00	138.89 1.08 0.00	101.64 0.91 0.00	118.35 1.26 0.00	142.72 1.41 0.00	179.37 1.83 0.00	71.09 0.81 0.00	60.52 0.63 0.00	90.00 1.07 0.00	77.44 0.92 0.00	73.74 0.88 0.00	35.92 0.43 0.00	69.73 0.72 0.00	65.82 0.70 0.00	102.46 1.10 0.00	92.39 1.00 0.00	42.84 0.44 0.00	49.92 0.49 0.00	49.57 0.40 0.00	54.35 0.44 0.00	67.68 0.41 0.00
DOGLEVILLE___HYD 23807	95.07 4.15 0.00	120.63 5.25 0.00	119.07 4.84 0.00	105.27 4.01 0.00	143.45 5.63 0.00	105.50 4.76 0.00	123.56 6.47 0.00	149.28 7.97 0.00	188.18 10.64 0.00	74.44 4.16 0.00	62.89 3.00 0.00	93.69 4.77 0.00	80.68 4.17 0.00	76.73 3.86 0.00	37.41 1.92 0.00	72.60 3.59 0.00	68.58 3.47 0.00	106.79 5.42 0.00	96.21 4.81 0.00	44.63 2.23 0.00	51.89 2.46 0.00	51.28 2.12 0.00	56.24 2.33 0.00	69.70 2.43 0.00
DUNKIRK___115KV_TB_200 55889	87.73 -3.54 -0.35	111.94 -4.71 -1.26	110.65 -4.82 -1.23	99.42 -4.72 -2.89	133.69 -6.81 -2.69	99.97 -3.52 -2.76	121.76 -6.09 -10.77	140.88 -8.22 -7.78	184.91 -9.56 -16.94	92.91 -3.20 -25.83	60.80 -2.78 -3.69	83.81 -5.51 -0.39	73.34 -5.72 -2.54	72.81 -5.91 -5.85	52.71 -2.73 -19.96	74.99 -6.01 -12.00	68.94 -5.60 -9.42	88.78 -9.70 2.88	54.98 -9.18 27.24	30.42 -4.17 7.82	29.01 -4.83 15.59	32.51 -5.07 11.58	33.46 -5.78 14.67	51.95 -6.93 8.39
DUNKIRK___1 23563	87.73 -3.54 -0.35	111.94 -4.71 -1.26	110.65 -4.82 -1.23	99.42 -4.72 -2.89	133.69 -6.81 -2.69	99.97 -3.52 -2.76	121.76 -6.09 -10.77	140.88 -8.22 -7.78	184.91 -9.56 -16.94	92.91 -3.20 -25.83	60.80 -2.78 -3.69	83.81 -5.51 -0.39	73.34 -5.72 -2.54	72.81 -5.91 -5.85	52.71 -2.73 -19.96	74.99 -6.01 -12.00	68.94 -5.60 -9.42	88.78 -9.70 2.88	54.98 -9.18 27.24	30.42 -4.17 7.82	29.01 -4.83 15.59	32.51 -5.07 11.58	33.46 -5.78 14.67	51.95 -6.93 8.39
DUNKIRK___2 23564	87.73 -3.54 -0.35	111.94 -4.71 -1.26	110.65 -4.82 -1.23	99.42 -4.72 -2.89	133.69 -6.81 -2.69	99.97 -3.52 -2.76	121.76 -6.09 -10.77	140.88 -8.22 -7.78	184.91 -9.56 -16.94	92.91 -3.20 -25.83	60.80 -2.78 -3.69	83.81 -5.51 -0.39	73.34 -5.72 -2.54	72.81 -5.91 -5.85	52.71 -2.73 -19.96	74.99 -6.01 -12.00	68.94 -5.60 -9.42	88.78 -9.70 2.88	54.98 -9.18 27.24	30.42 -4.17 7.82	29.01 -4.83 15.59	32.51 -5.07 11.58	33.46 -5.78 14.67	51.95 -6.93 8.39
DUNKIRK___3 23565	87.46 -3.81 -0.35	111.62 -5.01 -1.25	110.40 -5.05 -1.21	99.21 -4.90 -2.85	133.46 -7.00 -2.65	99.68 -3.78 -2.72	121.25 -6.47 -10.63	140.19 -8.80 -7.68	183.91 -10.34 -16.72	92.24 -3.54 -25.50	60.53 -3.01 -3.64	83.50 -5.81 -0.38	73.20 -5.83 -2.51	72.64 -6.00 -5.78	52.29 -2.82 -19.62	74.80 -6.05 -11.85	68.87 -5.56 -9.32	89.02 -9.56 2.78	55.35 -8.88 27.17	29.83 -4.00 8.57	28.81 -4.64 15.98	32.02 -4.87 12.27	33.63 -5.55 14.73	51.82 -6.64 8.81
DUNKIRK___4 23566	87.46 -3.81 -0.35	111.62 -5.01 -1.25	110.40 -5.05 -1.21	99.21 -4.90 -2.85	133.46 -7.00 -2.65	99.68 -3.78 -2.72	121.25 -6.47 -10.63	140.19 -8.80 -7.68	183.91 -10.34 -16.72	92.24 -3.54 -25.50	60.53 -3.01 -3.64	83.50 -5.81 -0.38	73.20 -5.83 -2.51	72.64 -6.00 -5.78	52.29 -2.82 -19.62	74.80 -6.05 -11.85	68.87 -5.56 -9.32	89.02 -9.56 2.78	55.35 -8.88 27.17	29.83 -4.00 8.57	28.81 -4.64 15.98	32.02 -4.87 12.27	33.63 -5.55 14.73	51.82 -6.64 8.81
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	100.49 7.20 -2.37	132.99 9.14 -8.46	131.11 8.63 -8.24	127.87 7.26 -19.35	165.99 10.17 -18.01	126.93 7.69 -18.50	205.10 10.23 -77.77	207.17 12.72 -53.14	313.13 16.47 -119.12	290.92 6.74 -213.90	90.15 5.32 -24.94	98.31 7.18 -2.20	96.96 5.95 -14.49	111.92 5.61 -33.45	157.29 2.79 -119.02	143.74 5.68 -69.05	132.50 5.58 -61.81	131.72 8.98 -21.37	140.23 8.10 -40.74	69.80 3.79 -23.61	59.92 4.44 -6.05	53.32 4.15 0.00	60.56 4.35 -2.31	72.02 4.74 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	100.15 6.88 -2.36	132.52 8.73 -8.41	130.72 8.29 -8.19	127.62 7.12 -19.24	165.63 9.91 -17.91	126.72 7.59 -18.40	204.42 10.02 -77.31	206.42 12.38 -52.73	311.22 15.89 -117.80	284.48 6.52 -207.67	89.63 4.98 -24.76	97.71 6.67 -2.12	96.01 5.56 -13.93	110.27 4.90 -32.50	153.54 2.48 -115.58	140.93 5.13 -66.79	129.96 5.06 -59.78	130.20 8.18 -20.67	138.20 7.40 -39.40	68.69 3.45 -22.84	59.32 4.05 -5.85	52.95 3.79 0.00	60.08 3.94 -2.23	71.58 4.30 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	100.56 7.28 -2.37	132.91 9.06 -8.46	131.13 8.65 -8.24	127.68 7.07 -19.35	166.07 10.25 -18.01	126.89 7.65 -18.51	205.34 10.47 -77.78	207.68 13.22 -53.15	313.93 17.26 -119.13	291.20 7.00 -213.91	90.23 5.40 -24.94	98.39 7.26 -2.21	97.02 6.00 -14.49	112.01 5.70 -33.45	157.37 2.86 -119.03	143.92 5.85 -69.06	132.70 5.77 -61.81	131.88 9.14 -21.37	140.43 8.30 -40.74	69.85 3.82 -23.62	60.01 4.53 -6.05	53.45 4.29 0.00	60.67 4.45 -2.31	72.07 4.79 0.00
E179THST_13_KV_LOAD 356214	101.01 7.72 -2.37	133.47 9.62 -8.46	131.65 9.17 -8.24	128.12 7.51 -19.35	166.70 10.87 -18.01	127.35 8.11 -18.51	205.93 11.06 -77.78	208.44 13.98 -53.15	314.91 18.25 -119.13	291.58 7.38 -213.91	90.55 5.72 -24.94	98.86 7.73 -2.21	97.42 6.41 -14.49	112.41 6.09 -33.45	157.57 3.06 -119.03	144.31 6.24 -69.06	133.07 6.14 -61.81	132.48 9.75 -21.37	140.97 8.83 -40.74	70.07 4.05 -23.62	60.30 4.82 -6.05	53.71 4.55 0.00	60.94 4.73 -2.31	72.40 5.12 0.00
EAST HAMPTON___GT 23717	104.75 11.46 -2.37	141.22 15.80 -10.03	137.03 14.54 -8.25	133.76 13.14 -19.37	174.44 18.61 -18.02	161.75 15.35 -45.66	218.36 14.61 -86.66	236.96 17.43 -78.22	317.38 20.69 -119.15	290.88 6.64 -213.95	97.23 7.86 -29.48	102.54 11.41 -2.21	99.94 8.92 -14.49	115.51 9.19 -33.46	162.57 4.81 -122.27	150.87 10.66 -71.21	158.66 10.29 -83.26	183.91 14.87 -67.68	283.95 15.87 -176.69	150.24 7.64 -100.21	145.75 9.08 -87.23	129.07 8.52 -71.39	128.06 9.14 -65.01	77.12 9.84 -0.01
EAST RIVER___6 23660	100.75 7.47 -2.37	133.15 9.31 -8.46	131.26 8.78 -8.24	127.86 7.26 -19.35	166.12 10.29 -18.01	126.96 7.72 -18.50	205.40 10.54 -77.77	207.71 13.26 -53.14	314.07 17.41 -119.11	291.39 7.21 -213.89	90.44 5.61 -24.94	98.69 7.56 -2.20	97.35 6.34 -14.49	112.29 5.98 -33.45	157.45 2.95 -119.02	144.06 6.00 -69.05	132.78 5.85 -61.81	132.21 9.48 -21.37	140.61 8.48 -40.74	69.99 3.97 -23.61	60.13 4.65 -6.05	53.47 4.31 0.00	60.72 4.51 -2.31	72.13 4.86 0.00
EAST RIVER___7 23524	100.75 7.47 -2.37	133.15 9.31 -8.46	131.26 8.78 -8.24	127.86 7.26 -19.35	166.12 10.29 -18.01	126.96 7.72 -18.50	205.40 10.54 -77.77	207.71 13.26 -53.14	314.07 17.41 -119.11	291.39 7.21 -213.89	90.44 5.61 -24.94	98.69 7.56 -2.20	97.35 6.34 -14.49	112.29 5.98 -33.45	157.45 2.95 -119.02	144.06 6.00 -69.05	132.78 5.85 -61.81	132.21 9.48 -21.37	140.61 8.48 -40.74	69.99 3.97 -23.61	60.13 4.65 -6.05	53.47 4.31 0.00	60.72 4.51 -2.31	72.13 4.86 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	100.25 6.97 -2.36	132.68 8.85 -8.44	130.82 8.36 -8.22	127.63 7.06 -19.31	165.66 9.87 -17.97	126.68 7.48 -18.46	204.65 9.97 -77.59	206.69 12.36 -53.02	312.35 15.97 -118.84	290.18 6.53 -213.36	89.93 5.16 -24.88	98.05 6.93 -2.20	96.73 5.74 -14.46	111.66 5.41 -33.38	156.97 2.69 -118.79	143.43 5.51 -68.91	132.20 5.40 -61.68	131.39 8.70 -21.33	139.92 7.86 -40.66	69.65 3.68 -23.57	59.77 4.31 -6.03	53.20 4.03 0.00	60.42 4.21 -2.30	71.87 4.61 0.00
EAST_HAMPTON___DIESEL 23722	104.68 11.39 -2.37	141.12 15.71 -10.03	136.89 14.40 -8.25	133.70 13.07 -19.37	174.38 18.54 -18.02	161.69 15.29 -45.66	218.29 14.54 -86.66	236.82 17.29 -78.22	317.25 20.57 -119.15	290.83 6.59 -213.95	97.18 7.81 -29.48	102.49 11.35 -2.21	99.88 8.87 -14.49	115.48 9.16 -33.46	162.56 4.80 -122.27	150.86 10.64 -71.21	158.63 10.26 -83.26	183.91 14.87 -67.68	283.94 15.86 -176.69	150.26 7.66 -100.21	145.78 9.11 -87.23	129.09 8.54 -71.39	128.07 9.15 -65.01	77.13 9.86 -0.01
EAST_POINT___SOLAR 323840	112.33 6.65 -14.76	176.49 8.40 -52.71	173.75 8.15 -51.36	229.12 7.27 -120.59	260.22 10.15 -112.25	223.97 7.92 -115.31	611.67 9.96 -484.61	477.45 12.30 -323.84	890.87 15.28 -698.06	1055.57 5.35 -979.93	218.62 4.09 -154.65	97.85 5.84 -3.08	101.45 4.66 -20.27	123.69 4.18 -46.64	203.54 2.44 -165.62	170.91 5.48 -96.43	158.00 5.32 -87.56	140.30 8.66 -30.27	156.86 7.75 -57.71	79.32 3.46 -33.45	61.87 3.87 -8.57	52.85 3.69 0.00	60.99 3.82 -3.27	71.67 4.40 0.00
EAST_PULASKI___ESR 323781	88.69 -2.23 0.00	112.41 -2.98 0.00	111.22 -3.01 0.00	98.60 -2.66 0.00	134.27 -3.54 0.00	98.62 -2.12 0.00	114.73 -2.36 0.00	138.47 -2.84 0.00	174.26 -3.28 0.00	69.17 -1.12 0.00	58.85 -1.04 0.00	87.57 -1.52 -0.16	76.38 -1.17 -1.02	74.15 -1.07 -2.36	43.46 -0.39 -8.37	73.03 -0.81 -4.83	68.76 -0.70 -4.35	101.79 -1.08 -1.50	92.86 -1.48 -2.94	43.54 -0.53 -1.66	49.07 -0.78 -0.42	48.17 -0.99 0.00	52.65 -1.42 -0.16	65.28 -2.00 0.00
EAST_RIVER___1 323558	100.60 7.31 -2.37	133.03 9.19 -8.46	131.10 8.62 -8.24	127.75 7.15 -19.35	165.91 10.09 -18.01	126.80 7.56 -18.50	205.19 10.33 -77.77	207.42 12.97 -53.14	313.68 17.03 -119.11	291.19 7.02 -213.89	90.31 5.48 -24.94	98.55 7.42 -2.20	97.15 6.14 -14.49	112.08 5.77 -33.45	157.36 2.86 -119.02	143.88 5.82 -69.05	132.59 5.67 -61.81	131.93 9.20 -21.37	140.38 8.25 -40.74	69.88 3.86 -23.61	60.02 4.54 -6.05	53.38 4.21 0.00	60.62 4.41 -2.31	72.04 4.77 0.00
EAST_RIVER___2 323559	100.75 7.47 -2.37	133.15 9.31 -8.46	131.26 8.78 -8.24	127.86 7.26 -19.35	166.12 10.29 -18.01	126.96 7.72 -18.50	205.40 10.54 -77.77	207.71 13.26 -53.14	314.07 17.41 -119.11	291.39 7.21 -213.89	90.44 5.61 -24.94	98.69 7.56 -2.20	97.35 6.34 -14.49	112.29 5.98 -33.45	157.45 2.95 -119.02	144.06 6.00 -69.05	132.78 5.85 -61.81	132.21 9.48 -21.37	140.61 8.48 -40.74	69.99 3.97 -23.61	60.13 4.65 -6.05	53.47 4.31 0.00	60.72 4.51 -2.31	72.13 4.86 0.00
EAST___DELAWARE_HYD 23607	98.67 5.40 -2.35	130.65 6.86 -8.40	128.91 6.49 -8.19	126.03 5.55 -19.23	163.50 7.79 -17.90	125.30 6.18 -18.38	202.94 8.59 -77.26	204.61 10.78 -52.52	308.26 14.03 -116.70	275.39 5.71 -199.39	88.54 3.92 -24.73	95.96 5.04 -2.00	93.93 4.29 -13.12	107.18 3.51 -30.81	146.73 1.79 -109.45	135.95 3.94 -63.00	125.50 3.94 -56.44	127.43 6.55 -19.51	134.51 5.92 -37.20	66.72 2.75 -21.56	58.16 3.21 -5.52	52.12 2.96 0.00	59.01 2.99 -2.11	70.37 3.10 0.00
EIGHT_POINT___WT_PWR 323820	86.82 -4.53 -0.44	110.70 -6.26 -1.57	110.96 -4.81 -1.53	100.89 -3.96 -3.60	134.98 -6.18 -3.35	101.15 -3.03 -3.44	125.60 -4.05 -12.56	146.53 -4.47 -9.70	195.02 -3.63 -21.11	101.04 -1.41 -32.17	63.39 -1.11 -4.60	86.74 -2.66 -0.47	76.32 -3.31 -3.11	75.92 -4.10 -7.16	61.74 -1.89 -28.14	80.20 -3.49 -14.68	71.68 -3.55 -10.10	83.72 -7.22 10.43	44.15 -6.22 41.03	62.20 -3.32 -23.12	43.64 -4.31 1.49	62.43 -4.63 -17.89	33.17 -5.30 15.44	69.36 -7.22 -9.31
ELBRIDGE_115KV_TB2 80188	90.40 -0.51 0.00	114.60 -0.79 0.00	113.37 -0.87 0.00	100.41 -0.84 0.00	136.71 -1.10 0.00	100.42 -0.31 0.00	116.84 -0.25 0.00	142.00 0.65 -0.04	179.70 1.95 -0.21	72.87 0.92 -1.66	60.64 0.75 0.00	89.94 0.76 -0.25	78.72 0.55 -1.65	77.12 0.46 -3.80	49.28 0.30 -13.50	77.29 0.49 -7.79	72.67 0.55 -7.00	104.56 0.77 -2.42	96.61 0.58 -4.63	45.38 0.30 -2.68	50.47 0.36 -0.68	49.35 0.18 0.00	54.13 -0.04 -0.26	66.89 -0.38 0.00
ELEC_TRO_TEK 24086	101.43 8.14 -2.37	134.98 10.72 -8.88	132.55 10.06 -8.25	129.23 8.62 -19.36	167.40 11.57 -18.02	136.03 9.59 -25.70	207.77 11.45 -79.23	213.43 14.39 -57.73	314.43 17.74 -119.15	291.03 6.79 -213.95	95.48 6.11 -29.48	99.17 8.03 -2.21	97.68 6.66 -14.49	112.86 6.54 -33.46	160.27 3.30 -121.49	151.14 6.83 -75.31	170.35 6.61 -98.62	154.68 10.29 -43.03	190.03 9.67 -88.96	138.28 4.50 -91.38	126.65 5.30 -71.92	102.24 5.04 -48.03	94.90 5.34 -35.66	72.87 5.60 0.00

ELLENBURG_WT_PWR 323604	90.90 -0.01 0.00	115.45 0.07 0.00	114.49 0.25 0.00	101.74 0.49 0.00	137.99 0.17 0.00	100.08 -0.65 0.00	115.47 -1.63 0.00	139.05 -2.26 0.00	174.03 -3.50 0.00	68.93 -1.36 0.00	59.05 -0.84 0.00	87.08 -1.85 0.00	75.18 -1.34 0.00	71.67 -1.19 0.00	34.75 -0.73 0.00	67.82 -1.19 0.00	64.10 -1.02 0.00	99.77 -1.59 0.00	89.66 -1.74 0.00	41.55 -0.85 0.00	48.36 -1.07 0.00	48.30 -0.86 0.00	52.97 -0.94 0.00	66.80 -0.47 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	86.90 -4.35 -0.34	110.98 -5.61 -1.21	109.90 -5.52 -1.18	98.79 -5.23 -2.76	133.00 -7.38 -2.57	99.01 -4.36 -2.64	120.08 -7.34 -10.33	138.57 -10.19 -7.45	181.48 -12.26 -16.21	90.64 -4.37 -24.72	59.79 -3.63 -3.53	82.53 -6.76 -0.37	72.69 -6.27 -2.44	72.09 -6.39 -5.61	51.46 -3.05 -19.02	74.17 -6.34 -11.51	68.51 -5.69 -9.08	89.13 -9.70 2.53	56.90 -8.69 25.80	30.07 -3.83 8.49	29.54 -4.43 15.47	32.44 -4.64 12.08	34.50 -5.29 14.11	52.40 -6.23 8.64
EMPIRE_CC_1 323656	103.16 5.95 -6.29	145.57 7.70 -22.48	143.63 7.49 -21.90	159.34 6.66 -51.42	194.73 9.05 -47.87	156.60 6.69 -49.17	331.51 7.76 -206.66	289.11 8.96 -138.84	490.62 10.93 -302.16	528.67 4.73 -453.65	129.19 3.65 -65.64	95.85 4.28 -2.64	97.55 3.71 -17.32	116.12 3.39 -39.86	178.55 1.50 -141.56	154.59 3.20 -82.39	142.79 2.94 -74.73	131.80 4.60 -25.84	144.81 4.17 -49.25	72.89 1.94 -28.55	59.02 2.28 -7.31	51.51 2.35 0.00	59.33 2.63 -2.79	70.30 3.02 0.00
EMPIRE_CC_2 323658	103.16 5.95 -6.29	145.57 7.70 -22.48	143.63 7.49 -21.90	159.34 6.66 -51.42	194.73 9.05 -47.87	156.60 6.69 -49.17	331.51 7.76 -206.66	289.11 8.96 -138.84	490.62 10.93 -302.16	528.67 4.73 -453.65	129.19 3.65 -65.64	95.85 4.28 -2.64	97.55 3.71 -17.32	116.12 3.39 -39.86	178.55 1.50 -141.56	154.59 3.20 -82.39	142.79 2.94 -74.73	131.80 4.60 -25.84	144.81 4.17 -49.25	72.89 1.94 -28.55	59.02 2.28 -7.31	51.51 2.35 0.00	59.33 2.63 -2.79	70.30 3.02 0.00
ENORWICH_115KV_TB1 80156	99.92 7.95 -1.05	128.89 9.74 -3.76	127.40 9.50 -3.67	118.22 8.36 -8.61	157.45 11.62 -8.02	119.04 10.07 -8.23	165.18 12.25 -35.83	178.80 14.27 -23.22	247.60 19.65 -50.41	152.97 8.02 -74.66	77.24 6.30 -11.05	98.67 9.04 -0.71	88.35 7.18 -4.65	90.39 6.82 -10.71	77.32 3.66 -38.18	98.18 7.22 -21.96	93.72 6.86 -21.75	128.21 10.31 -16.54	157.36 8.89 -57.08	60.71 3.53 -14.78	71.37 3.53 -18.41	58.41 2.31 -6.94	74.47 1.84 -18.73	74.92 1.78 -5.86
ERIE_ST__34_KV_TB1-2 80199	87.46 -3.81 -0.35	111.73 -4.92 -1.26	110.60 -4.86 -1.23	99.51 -4.63 -2.88	134.04 -6.46 -2.69	99.73 -3.76 -2.76	121.40 -6.47 -10.78	140.13 -8.96 -7.78	183.87 -10.59 -16.93	92.40 -3.70 -25.81	60.55 -3.03 -3.69	83.58 -5.74 -0.39	73.52 -5.54 -2.54	73.13 -5.58 -5.84	52.75 -2.75 -20.01	75.41 -5.59 -11.99	69.64 -4.93 -9.45	90.37 -8.29 2.70	58.17 -7.17 26.04	32.14 -3.18 7.08	30.91 -3.70 14.82	34.38 -3.92 10.86	35.27 -4.55 14.09	53.99 -5.37 7.90
ERIE_WT_PWR 323693	87.22 -4.05 -0.35	111.34 -5.28 -1.24	110.30 -5.15 -1.21	99.25 -4.84 -2.84	133.59 -6.86 -2.64	99.50 -3.94 -2.71	121.00 -6.68 -10.59	139.65 -9.31 -7.64	183.15 -11.02 -16.64	91.81 -3.86 -25.38	60.33 -3.18 -3.63	83.09 -6.22 -0.38	73.20 -5.82 -2.50	72.59 -6.03 -5.75	52.19 -2.87 -19.57	74.85 -5.95 -11.79	69.10 -5.31 -9.29	89.51 -9.17 2.68	56.84 -8.12 26.43	30.65 -3.63 8.12	29.68 -4.25 15.49	32.91 -4.44 11.81	34.45 -5.09 14.36	52.76 -6.01 8.50
ESPRGFLD_115KV_TB1 80157	105.42 3.89 -10.62	158.12 4.81 -37.92	155.85 4.66 -36.95	192.15 4.15 -86.75	224.44 5.88 -80.75	188.47 4.78 -82.95	471.80 6.08 -348.62	381.68 7.36 -233.01	689.37 9.37 -502.46	781.10 3.61 -707.21	174.21 3.06 -111.26	93.27 4.34 0.00	79.99 3.47 0.00	76.10 3.24 0.00	37.25 1.76 0.00	72.59 3.59 0.00	68.53 3.41 0.00	106.80 5.44 0.00	96.13 4.73 0.00	44.48 2.08 0.00	51.68 2.25 0.00	51.16 1.99 0.00	55.87 1.96 0.00	69.32 2.05 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	93.37 1.93 -0.52	119.48 2.22 -1.87	118.11 2.05 -1.82	107.28 1.75 -4.28	144.26 2.47 -3.98	107.26 2.44 -4.09	140.41 3.13 -20.19	156.65 3.80 -11.54	208.23 5.62 -25.08	110.58 2.31 -37.98	67.16 1.80 -5.47	91.95 2.50 -0.52	81.87 1.95 -3.40	82.54 1.85 -7.82	64.48 0.97 -28.02	86.83 1.79 -16.04	86.21 1.77 -19.33	132.83 2.69 -28.78	210.45 2.33 -116.72	65.55 1.04 -22.10	91.38 1.05 -40.90	65.85 0.80 -15.88	98.65 0.60 -44.14	81.36 0.44 -13.65
ETNA____115KV_TB2 80207	93.37 1.93 -0.52	119.48 2.22 -1.87	118.11 2.05 -1.82	107.28 1.75 -4.28	144.26 2.47 -3.98	107.26 2.44 -4.09	140.41 3.13 -20.19	156.65 3.80 -11.54	208.23 5.62 -25.08	110.58 2.31 -37.98	67.16 1.80 -5.47	91.95 2.50 -0.52	81.87 1.95 -3.40	82.54 1.85 -7.82	64.48 0.97 -28.02	86.83 1.79 -16.04	86.21 1.77 -19.33	132.83 2.69 -28.78	210.45 2.33 -116.72	65.55 1.04 -22.10	91.38 1.05 -40.90	65.85 0.80 -15.88	98.65 0.60 -44.14	81.36 0.44 -13.65
EUCLID____115KV_TB2 356179	89.24 -1.67 0.00	113.20 -2.18 0.00	111.99 -2.24 0.00	99.16 -2.09 0.00	135.05 -2.77 0.00	99.06 -1.67 0.00	115.27 -1.82 0.00	139.09 -2.22 0.00	175.21 -2.33 0.00	69.53 -0.75 0.00	59.15 -0.74 0.00	87.87 -1.26 -0.20	76.67 -1.14 -1.29	74.73 -1.11 -2.98	45.60 -0.47 -10.58	74.07 -1.04 -6.11	69.70 -0.90 -5.49	101.71 -1.55 -1.90	93.55 -1.48 -3.63	43.86 -0.64 -2.10	49.15 -0.81 -0.54	48.23 -0.93 0.00	52.96 -1.15 -0.20	65.67 -1.60 0.00
E_CANADA_CAP_HY 24051	109.17 4.53 -13.73	170.12 5.70 -49.03	167.58 5.57 -47.78	218.42 5.00 -112.17	249.27 7.05 -104.41	213.47 5.48 -107.26	574.61 6.76 -450.76	450.79 8.25 -301.23	837.05 10.15 -649.37	986.10 3.77 -912.05	206.87 3.14 -143.85	96.50 4.37 -3.20	101.13 3.56 -21.06	124.57 3.24 -48.46	209.29 1.75 -172.05	172.87 3.71 -100.15	159.57 3.54 -90.92	138.54 5.74 -31.43	156.32 5.01 -59.92	79.36 2.22 -34.74	60.76 2.44 -8.89	51.46 2.29 0.00	59.70 2.40 -3.40	70.02 2.75 0.00
E_CANADA_MHWK_HY 24050	95.07 4.15 0.00	120.63 5.25 0.00	119.07 4.84 0.00	105.27 4.01 0.00	143.45 5.63 0.00	105.50 4.76 0.00	123.56 6.47 0.00	149.28 7.97 0.00	188.18 10.64 0.00	74.44 4.16 0.00	62.89 3.00 0.00	93.69 4.77 0.00	80.68 4.17 0.00	76.73 3.86 0.00	37.41 1.92 0.00	72.60 3.59 0.00	68.58 3.47 0.00	106.79 5.42 0.00	96.21 4.81 0.00	44.63 2.23 0.00	51.89 2.46 0.00	51.28 2.12 0.00	56.24 2.33 0.00	69.70 2.43 0.00
E_FISHKILL____LBMP 23776	99.81 6.47 -2.42	132.28 8.24 -8.65	130.46 7.80 -8.43	127.72 6.69 -19.78	165.57 9.34 -18.41	126.71 7.06 -18.92	205.91 9.33 -79.50	207.03 11.40 -54.33	314.11 14.77 -121.81	295.42 6.08 -219.06	90.14 4.76 -25.49	97.50 6.33 -2.25	96.56 5.28 -14.76	111.89 4.96 -34.06	159.18 2.47 -121.23	144.44 5.03 -70.41	133.08 4.96 -63.01	131.09 7.94 -21.79	140.11 7.19 -41.53	69.84 3.36 -24.07	59.54 3.95 -6.16	52.86 3.70 0.00	60.14 3.88 -2.35	71.52 4.25 0.00
FALCON____SEABRD_CC1 323796	92.25 1.34 0.00	117.22 1.83 0.00	116.19 1.96 0.00	103.33 2.07 0.00	139.90 2.09 0.00	101.29 0.55 0.00	116.61 -0.48 0.00	139.85 -1.45 0.00	175.20 -2.34 0.00	69.69 -0.60 0.00	59.74 -0.15 0.00	87.94 -0.99 0.00	75.88 -0.64 0.00	72.36 -0.51 0.00	35.07 -0.42 0.00	68.45 -0.55 0.00	64.84 -0.27 0.00	101.00 -0.36 0.00	90.65 -0.74 0.00	42.01 -0.39 0.00	48.75 -0.67 0.00	48.67 -0.49 0.00	53.38 -0.52 0.00	67.57 0.30 0.00

FALCON___SEABRD_CC2 323797	92.25 1.34 0.00	117.22 1.83 0.00	116.19 1.96 0.00	103.33 2.07 0.00	139.90 2.09 0.00	101.29 0.55 0.00	116.61 -0.48 0.00	139.85 -1.45 0.00	175.20 -2.34 0.00	69.69 -0.60 0.00	59.74 -0.15 0.00	87.94 -0.99 0.00	75.88 -0.64 0.00	72.36 -0.51 0.00	35.07 -0.42 0.00	68.45 -0.55 0.00	64.84 -0.27 0.00	101.00 -0.36 0.00	90.65 -0.74 0.00	42.01 -0.39 0.00	48.75 -0.67 0.00	48.67 -0.49 0.00	53.38 -0.52 0.00	67.57 0.30 0.00
FAR ROCKAWAY___4 23548	102.13 8.84 -2.37	135.74 11.70 -8.66	133.41 10.93 -8.25	130.02 9.40 -19.36	168.33 12.50 -18.02	182.95 10.58 -71.64	295.61 12.60 -165.92	290.15 15.85 -132.99	344.25 19.32 -147.39	426.71 7.27 -349.15	675.37 6.84 -608.65	454.40 9.10 -356.37	98.60 7.58 -14.50	113.72 7.40 -33.46	163.20 3.76 -123.95	158.12 7.51 -81.60	210.43 7.32 -137.99	163.37 11.75 -50.26	190.21 11.28 -87.53	194.05 5.20 -146.45	177.53 6.12 -121.98	133.25 5.85 -78.24	110.81 6.23 -50.67	73.93 6.66 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	100.66 7.38 -2.37	133.10 9.25 -8.46	131.16 8.68 -8.24	127.80 7.19 -19.35	165.99 10.17 -18.01	126.86 7.62 -18.50	205.24 10.38 -77.77	207.47 13.02 -53.14	313.70 17.05 -119.12	291.20 7.02 -213.89	90.32 5.49 -24.94	98.55 7.42 -2.20	97.15 6.14 -14.49	112.09 5.78 -33.45	157.36 2.86 -119.02	143.87 5.81 -69.05	132.59 5.67 -61.81	131.92 9.19 -21.37	140.38 8.25 -40.74	69.88 3.87 -23.61	60.03 4.55 -6.05	53.40 4.24 0.00	60.64 4.43 -2.31	72.07 4.80 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	100.70 7.41 -2.37	133.16 9.31 -8.46	131.27 8.79 -8.24	127.86 7.26 -19.35	166.09 10.27 -18.01	126.91 7.67 -18.50	205.32 10.45 -77.77	207.56 13.11 -53.14	313.79 17.14 -119.12	291.26 7.08 -213.89	90.35 5.52 -24.94	98.60 7.47 -2.20	97.19 6.18 -14.49	112.13 5.82 -33.45	157.37 2.87 -119.02	143.91 5.85 -69.05	132.63 5.70 -61.81	131.95 9.22 -21.37	140.42 8.29 -40.74	69.91 3.89 -23.61	60.05 4.58 -6.05	53.43 4.26 0.00	60.68 4.46 -2.31	72.12 4.84 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	100.59 7.30 -2.37	133.03 9.19 -8.46	131.15 8.66 -8.24	127.76 7.16 -19.35	165.93 10.10 -18.01	126.81 7.57 -18.50	205.17 10.31 -77.77	207.41 12.96 -53.14	313.57 16.91 -119.12	291.17 6.99 -213.89	90.29 5.46 -24.94	98.51 7.38 -2.20	97.11 6.10 -14.49	112.06 5.75 -33.45	157.34 2.84 -119.02	143.84 5.79 -69.05	132.56 5.64 -61.81	131.84 9.11 -21.37	140.32 8.19 -40.74	69.86 3.84 -23.61	60.00 4.52 -6.05	53.37 4.21 0.00	60.61 4.40 -2.31	72.04 4.77 0.00
FARRAGUT___LBMP 323566	100.52 7.23 -2.37	132.93 9.08 -8.46	131.04 8.56 -8.24	127.66 7.05 -19.35	165.83 10.00 -18.01	126.71 7.47 -18.50	205.06 10.19 -77.77	207.27 12.82 -53.14	313.39 16.74 -119.12	291.09 6.91 -213.89	90.21 5.38 -24.94	98.41 7.28 -2.20	97.03 6.02 -14.49	111.98 5.67 -33.45	157.30 2.79 -119.02	143.77 5.72 -69.05	132.49 5.56 -61.81	131.74 9.01 -21.37	140.23 8.10 -40.74	69.82 3.81 -23.61	59.95 4.48 -6.05	53.32 4.16 0.00	60.57 4.35 -2.31	71.98 4.71 0.00
FENNER___WINDPWR 24204	93.06 2.15 0.00	118.13 2.75 0.00	116.82 2.59 0.00	103.51 2.25 0.00	140.92 3.11 0.00	103.47 2.74 0.00	121.09 3.41 -0.58	145.55 4.20 -0.04	183.79 6.02 -0.23	74.61 2.48 -1.85	61.86 1.98 0.00	91.79 2.58 -0.28	80.48 2.12 -1.84	79.27 2.17 -4.24	51.69 1.14 -15.06	79.84 2.14 -8.70	75.92 2.04 -8.77	111.69 3.02 -7.31	119.58 2.58 -25.60	49.25 1.11 -5.73	58.50 1.03 -8.04	52.57 0.79 -2.62	63.08 0.63 -8.54	70.18 0.56 -2.35
FIBERTEK___ENERGY 23856	90.49 -0.43 0.00	114.72 -0.66 0.00	113.49 -0.75 0.00	100.50 -0.76 0.00	136.84 -0.97 0.00	100.48 -0.26 0.00	116.99 -0.10 0.00	141.80 0.46 -0.03	179.16 1.44 -0.19	72.57 0.74 -1.55	60.46 0.57 0.00	89.78 0.62 -0.24	78.53 0.46 -1.55	76.84 0.40 -3.57	48.42 0.27 -12.67	76.78 0.45 -7.32	72.20 0.51 -6.58	104.36 0.72 -2.27	96.27 0.53 -4.35	45.20 0.28 -2.51	50.36 0.29 -0.64	49.27 0.11 0.00	54.07 -0.08 -0.24	66.92 -0.34 0.00
FITZPATRICK____ 23598	87.64 -3.28 0.00	111.21 -4.18 0.00	110.05 -4.18 0.00	97.47 -3.78 0.00	132.68 -5.13 0.00	97.22 -3.51 0.00	113.09 -4.00 0.00	136.31 -5.00 0.00	171.49 -6.04 0.00	68.03 -2.25 0.00	57.90 -1.99 0.00	85.97 -3.08 -0.12	74.64 -2.68 -0.80	72.11 -2.59 -1.84	40.81 -1.20 -6.53	70.33 -2.44 -3.77	66.23 -2.28 -3.39	98.91 -3.62 -1.17	90.33 -3.30 -2.24	42.22 -1.48 -1.30	47.99 -1.77 -0.33	47.34 -1.82 0.00	51.97 -2.06 -0.13	64.61 -2.67 0.00
FLOWRFLD_69_KV_BK1 356044	103.31 10.03 -2.37	138.93 13.52 -10.02	135.18 12.69 -8.25	131.57 10.94 -19.37	170.59 14.76 -18.02	158.62 12.35 -45.53	217.43 13.72 -86.61	236.45 17.06 -78.09	317.04 20.36 -119.15	291.41 7.18 -213.95	96.55 7.18 -29.48	100.63 9.49 -2.21	98.69 7.68 -14.49	114.21 7.90 -33.46	161.88 4.13 -122.27	148.84 8.60 -71.24	156.78 8.32 -83.35	181.74 12.86 -67.51	279.85 12.35 -176.11	148.31 5.77 -100.14	143.32 6.77 -87.13	126.77 6.37 -71.23	125.53 6.80 -64.82	74.56 7.28 -0.01
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	101.43 8.05 -2.46	134.38 10.23 -8.77	132.53 9.74 -8.54	129.75 8.44 -20.06	168.23 11.74 -18.67	128.88 8.96 -19.18	209.37 11.66 -80.63	210.68 14.36 -55.01	319.09 18.52 -123.03	295.91 7.54 -218.08	91.56 5.83 -25.84	99.01 7.88 -2.20	97.60 6.61 -14.47	112.48 5.89 -33.72	158.33 2.95 -119.90	144.31 6.07 -69.23	133.04 5.97 -61.96	132.39 9.60 -21.42	140.90 8.67 -40.84	70.11 4.04 -23.67	60.21 4.72 -6.06	53.60 4.44 0.00	60.87 4.65 -2.31	72.41 5.14 0.00
FORT ORANGE____ 23900	104.12 5.18 -8.03	150.74 6.68 -28.67	148.68 6.51 -27.94	172.33 5.47 -65.60	206.52 7.65 -61.06	168.70 5.24 -62.73	386.48 5.77 -263.62	324.53 6.92 -176.30	566.89 8.78 -380.57	613.64 3.57 -539.79	146.84 2.91 -84.04	95.82 4.17 -2.72	98.08 3.69 -17.87	117.41 3.38 -41.17	183.09 1.46 -146.14	156.82 2.73 -85.08	144.91 2.50 -77.29	131.98 3.89 -26.72	145.81 3.48 -50.94	73.60 1.66 -29.53	58.92 1.93 -7.56	51.06 1.90 0.00	59.06 2.26 -2.89	70.48 3.21 0.00
FORT_DRUM_COGEN 23780	93.53 2.62 0.00	118.59 3.20 0.00	117.23 2.99 0.00	104.20 2.94 0.00	141.66 3.84 0.00	104.46 3.73 0.00	120.91 3.82 0.00	146.07 4.76 0.00	183.73 6.20 0.00	72.97 2.68 0.00	62.07 2.18 0.00	91.68 2.66 -0.10	79.10 1.85 -0.72	76.63 2.10 -1.67	42.59 1.18 -5.92	74.15 1.72 -3.42	69.81 1.61 -3.08	105.48 3.06 -1.06	96.53 3.35 -1.79	44.26 0.68 -1.18	50.14 0.41 -0.30	49.22 0.06 0.00	53.25 -0.77 -0.11	65.97 -1.30 0.00
FOX_HILLS___ESR 323835	100.98 7.69 -2.37	133.50 9.65 -8.46	131.63 9.14 -8.24	128.06 7.45 -19.35	166.46 10.64 -18.01	127.18 7.94 -18.51	205.61 10.74 -77.78	207.91 13.46 -53.15	314.06 17.40 -119.13	291.29 7.09 -213.91	90.34 5.51 -24.94	98.60 7.47 -2.21	97.19 6.18 -14.49	112.14 5.82 -33.45	157.39 2.88 -119.03	143.94 5.88 -69.06	132.61 5.68 -61.81	131.85 9.12 -21.37	140.40 8.27 -40.74	69.91 3.90 -23.62	67.12 4.86 -12.82	68.69 4.59 -14.94	69.52 4.74 -10.87	80.20 5.04 -7.89
FPL FAR_ROCK_GT1 24212	102.13 8.84 -2.37	135.74 11.69 -8.66	133.42 10.93 -8.25	130.01 9.40 -19.36	168.33 12.50 -18.02	182.96 10.59 -71.64	295.62 12.61 -165.92	290.16 15.86 -132.99	344.25 19.32 -147.39	426.71 7.27 -349.15	675.36 6.82 -608.65	454.40 9.10 -356.37	98.61 7.59 -14.50	113.74 7.42 -33.46	163.21 3.77 -123.95	158.10 7.49 -81.60	210.43 7.32 -137.99	163.38 11.75 -50.26	190.20 11.28 -87.53	194.05 5.20 -146.45	177.54 6.13 -121.98	133.25 5.85 -78.24	110.82 6.23 -50.67	73.93 6.66 0.00

FPL FAR_ROCK_GT2 23815	102.13 8.84 -2.37	135.74 11.69 -8.66	133.42 10.93 -8.25	130.01 9.40 -19.36	168.33 12.50 -18.02	182.96 10.59 -71.64	295.62 12.61 -165.92	290.16 15.86 -132.99	344.25 19.32 -147.39	426.71 7.27 -349.15	675.36 6.82 -608.65	454.40 9.10 -356.37	98.61 7.59 -14.50	113.74 7.42 -33.46	163.21 3.77 -123.95	158.10 7.49 -81.60	210.43 7.32 -137.99	163.38 11.75 -50.26	190.20 11.28 -87.53	194.05 5.20 -146.45	177.54 6.13 -121.98	133.25 5.85 -78.24	110.82 6.23 -50.67	73.93 6.66 0.00
FRANKLIN_FALL_HYD 24054	92.24 1.32 0.00	117.14 1.75 0.00	116.13 1.90 0.00	103.20 1.94 0.00	139.80 1.99 0.00	101.39 0.66 0.00	116.97 -0.12 0.00	140.99 -0.31 0.00	176.35 -1.19 0.00	69.91 -0.38 0.00	60.00 0.11 0.00	88.24 -0.69 0.00	76.21 -0.32 0.00	72.53 -0.33 0.00	35.17 -0.31 0.00	68.58 -0.43 0.00	64.72 -0.40 0.00	101.04 -0.32 0.00	90.78 -0.61 0.00	42.01 -0.39 0.00	48.92 -0.51 0.00	48.97 -0.20 0.00	53.78 -0.13 0.00	67.82 0.55 0.00
FREEPORT_EQUS_GT1 23764	102.05 8.77 -2.37	136.40 11.64 -9.37	133.36 10.87 -8.25	129.98 9.36 -19.37	168.33 12.50 -18.02	145.36 10.44 -34.19	211.83 12.35 -82.39	223.19 15.44 -66.44	314.99 18.30 -119.15	291.02 6.79 -213.95	95.72 6.35 -29.48	99.63 8.49 -2.21	98.06 7.05 -14.49	113.26 6.94 -33.46	161.31 3.45 -122.37	150.60 7.03 -74.57	170.86 6.91 -98.83	167.97 10.79 -55.82	231.06 10.24 -129.42	152.87 4.90 -105.57	143.37 5.75 -88.19	119.03 5.48 -64.38	111.72 5.81 -51.99	73.40 6.13 0.00
FREEPORT___CT2 23818	102.05 8.77 -2.37	136.40 11.64 -9.37	133.36 10.87 -8.25	129.98 9.36 -19.37	168.33 12.50 -18.02	145.36 10.44 -34.19	211.83 12.35 -82.39	223.19 15.44 -66.44	314.99 18.30 -119.15	291.02 6.79 -213.95	95.72 6.35 -29.48	99.63 8.49 -2.21	98.06 7.05 -14.49	113.26 6.94 -33.46	161.31 3.45 -122.37	150.60 7.03 -74.57	170.86 6.91 -98.83	167.97 10.79 -55.82	231.06 10.24 -129.42	152.87 4.90 -105.57	143.37 5.75 -88.19	119.03 5.48 -64.38	111.72 5.81 -51.99	73.40 6.13 0.00
FRESHKLS_33_KV_LOAD 356253	100.89 7.60 -2.37	133.43 9.58 -8.46	131.55 9.07 -8.24	127.98 7.37 -19.35	166.34 10.51 -18.01	127.08 7.84 -18.51	205.48 10.60 -77.78	207.67 13.21 -53.15	313.66 16.99 -119.13	291.09 6.89 -213.91	90.16 5.33 -24.94	98.34 7.21 -2.21	96.95 5.94 -14.49	111.92 5.60 -33.45	157.28 2.77 -119.03	143.74 5.67 -69.06	132.43 5.51 -61.81	131.59 8.85 -21.37	140.18 8.05 -40.74	69.84 3.82 -23.62	67.15 4.89 -12.82	68.72 4.62 -14.94	69.53 4.75 -10.87	80.19 5.02 -7.89
FULTON COGEN____ 23766	88.41 -2.51 0.00	112.16 -3.23 0.00	110.97 -3.27 0.00	98.22 -3.03 0.00	133.80 -4.01 0.00	98.13 -2.61 0.00	114.26 -2.83 0.00	138.29 -3.02 0.00	174.14 -3.39 0.00	69.09 -1.20 0.00	58.75 -1.14 0.00	87.21 -1.89 -0.17	75.96 -1.68 -1.12	73.87 -1.57 -2.57	43.96 -0.67 -9.14	72.96 -1.33 -5.28	68.64 -1.23 -4.74	101.13 -1.88 -1.64	92.67 -1.87 -3.15	43.36 -0.86 -1.82	48.79 -1.10 -0.46	47.96 -1.21 0.00	52.63 -1.46 -0.18	65.30 -1.97 0.00
FULTON___LFGE 323630	111.64 5.70 -15.02	176.20 7.18 -53.64	173.46 6.96 -52.26	230.14 6.17 -122.71	260.61 8.57 -114.22	224.77 6.70 -117.34	618.62 8.40 -493.14	481.29 10.45 -329.53	900.87 13.03 -710.31	1072.19 4.88 -997.02	221.13 3.88 -157.37	97.46 5.48 -3.06	101.16 4.56 -20.07	123.12 4.07 -46.19	201.72 2.24 -164.00	169.35 4.86 -95.49	156.46 4.62 -86.72	138.86 7.51 -29.98	155.23 6.68 -57.16	78.54 3.01 -33.13	61.30 3.39 -8.48	52.35 3.19 0.00	60.47 3.33 -3.24	71.09 3.82 0.00
G.F.CEMENT___DRP 24184	111.89 5.69 -15.27	177.14 7.21 -54.55	174.50 7.11 -53.15	232.59 6.53 -124.79	262.67 8.70 -116.16	226.73 6.66 -119.33	627.19 8.58 -501.52	487.05 10.56 -335.18	914.24 14.00 -722.71	1092.25 5.46 -1016.50	224.34 4.45 -159.99	97.50 5.75 -2.83	100.00 4.90 -18.57	120.29 4.69 -42.74	189.51 2.28 -151.74	162.27 4.88 -88.38	150.08 4.67 -80.29	136.52 7.40 -27.76	150.97 6.66 -52.92	76.15 3.07 -30.67	60.71 3.43 -7.85	52.37 3.21 0.00	60.30 3.39 -3.00	71.02 3.75 0.00
GARDENVILLE___LBMP 24039	87.02 -4.25 -0.34	111.13 -5.48 -1.23	110.04 -5.40 -1.20	98.96 -5.12 -2.82	133.20 -7.23 -2.62	99.22 -4.21 -2.70	120.51 -7.10 -10.52	139.11 -9.79 -7.60	182.36 -11.71 -16.53	91.35 -4.16 -25.22	60.03 -3.46 -3.60	82.82 -6.48 -0.38	72.92 -6.08 -2.48	72.36 -6.22 -5.72	51.81 -2.98 -19.31	74.55 -6.18 -11.73	68.80 -5.55 -9.23	89.19 -9.46 2.71	55.58 -8.48 27.34	29.14 -3.76 9.51	28.53 -4.34 16.56	31.44 -4.58 13.15	33.76 -5.23 14.92	51.71 -6.21 9.36
GARDNVLA_35_KV_LD 355827	87.40 -3.87 -0.35	111.57 -5.05 -1.25	110.50 -4.95 -1.21	99.40 -4.69 -2.84	133.82 -6.64 -2.65	99.67 -3.79 -2.72	121.14 -6.57 -10.62	139.81 -9.17 -7.66	183.36 -10.85 -16.68	91.90 -3.83 -25.44	60.35 -3.18 -3.63	83.24 -6.07 -0.38	73.34 -5.69 -2.50	72.80 -5.83 -5.76	52.35 -2.80 -19.67	75.01 -5.82 -11.82	69.21 -5.22 -9.32	89.72 -8.97 2.67	57.28 -8.01 26.10	31.25 -3.55 7.60	30.19 -4.14 15.10	33.48 -4.37 11.31	34.72 -5.03 14.16	53.15 -5.94 8.18
GELCKHM___115KV_LOAD 80723	89.70 -1.21 0.00	113.77 -1.62 0.00	112.55 -1.68 0.00	99.65 -1.60 0.00	135.72 -2.09 0.00	99.59 -1.14 0.00	115.91 -1.18 0.00	140.12 -1.22 -0.03	176.80 -0.91 -0.17	71.46 -0.20 -1.37	59.64 -0.24 0.00	88.60 -0.54 -0.21	77.38 -0.53 -1.38	75.50 -0.54 -3.18	46.61 -0.19 -11.31	75.07 -0.47 -6.53	70.62 -0.37 -5.87	102.71 -0.68 -2.03	94.55 -0.73 -3.89	44.35 -0.30 -2.24	49.61 -0.39 -0.57	48.63 -0.53 0.00	53.39 -0.74 -0.22	66.15 -1.12 0.00
GENERAL___MILLS 23808	87.24 -4.02 -0.35	111.39 -5.23 -1.24	110.32 -5.12 -1.21	99.23 -4.86 -2.84	133.54 -6.91 -2.64	99.48 -3.96 -2.71	120.89 -6.79 -10.59	139.50 -9.45 -7.64	182.92 -11.25 -16.64	91.69 -3.97 -25.38	60.22 -3.29 -3.63	83.05 -6.25 -0.38	73.17 -5.85 -2.50	72.62 -5.99 -5.75	52.18 -2.88 -19.57	74.84 -5.96 -11.79	69.06 -5.35 -9.29	89.53 -9.15 2.68	56.79 -8.18 26.43	30.65 -3.63 8.12	29.71 -4.23 15.49	32.91 -4.44 11.81	34.45 -5.09 14.36	52.74 -6.03 8.50
GE_PLASTICS___DRP 24183	101.01 3.84 -6.26	142.68 4.95 -22.34	140.80 4.79 -21.77	156.40 4.03 -51.11	191.06 5.67 -47.58	153.69 4.08 -48.87	327.42 4.94 -205.39	284.43 5.84 -137.28	481.07 7.48 -296.05	490.33 3.08 -416.96	127.91 2.54 -65.48	95.64 4.00 -2.72	97.89 3.50 -17.87	117.25 3.24 -41.15	183.02 1.47 -146.07	156.84 2.75 -85.08	145.03 2.57 -77.35	132.03 3.92 -26.74	145.92 3.55 -50.98	73.64 1.69 -29.55	58.97 1.97 -7.57	51.09 1.93 0.00	59.00 2.20 -2.89	69.95 2.68 0.00
GILBOA___1 23756	94.95 3.14 -0.90	122.58 4.00 -3.20	121.12 3.77 -3.12	111.79 3.22 -7.31	149.14 4.52 -6.81	111.20 3.47 -6.99	150.95 4.47 -29.39	166.03 5.09 -19.64	226.53 6.68 -42.32	132.28 2.80 -59.20	71.66 2.37 -9.41	95.32 4.23 -2.17	94.38 3.61 -14.25	109.05 3.43 -32.76	153.55 1.80 -116.27	139.14 3.18 -66.96	128.28 2.86 -60.30	126.57 4.36 -20.85	135.23 4.09 -39.74	67.35 1.91 -23.04	57.55 2.22 -5.90	51.27 2.11 0.00	58.56 2.40 -2.25	69.76 2.49 0.00
GILBOA___2 23757	94.95 3.14 -0.90	122.58 4.00 -3.20	121.12 3.77 -3.12	111.79 3.22 -7.31	149.14 4.52 -6.81	111.20 3.47 -6.99	150.95 4.47 -29.39	166.03 5.09 -19.64	226.53 6.68 -42.32	132.28 2.80 -59.20	71.66 2.37 -9.41	95.32 4.23 -2.17	94.38 3.61 -14.25	109.05 3.43 -32.76	153.55 1.80 -116.27	139.14 3.18 -66.96	128.28 2.86 -60.30	126.57 4.36 -20.85	135.23 4.09 -39.74	67.35 1.91 -23.04	57.55 2.22 -5.90	51.27 2.11 0.00	58.56 2.40 -2.25	69.76 2.49 0.00

GILBOA___3 23758	94.95 3.14 -0.90	122.58 4.00 -3.20	121.12 3.77 -3.12	111.79 3.22 -7.31	149.14 4.52 -6.81	111.20 3.47 -6.99	150.95 4.47 -29.39	166.03 5.09 -19.64	226.53 6.68 -42.32	132.28 2.80 -59.20	71.66 2.37 -9.41	95.32 4.23 -2.17	94.38 3.61 -14.25	109.05 3.43 -32.76	153.55 1.80 -116.27	139.14 3.18 -66.96	128.28 2.86 -60.30	126.57 4.36 -20.85	135.23 4.09 -39.74	67.35 1.91 -23.04	57.55 2.22 -5.90	51.27 2.11 0.00	58.56 2.40 -2.25	69.76 2.49 0.00
GILBOA___4 23759	94.95 3.14 -0.90	122.58 4.00 -3.20	121.12 3.77 -3.12	111.79 3.22 -7.31	149.14 4.52 -6.81	111.20 3.47 -6.99	150.95 4.47 -29.39	166.03 5.09 -19.64	226.53 6.68 -42.32	132.28 2.80 -59.20	71.66 2.37 -9.41	95.32 4.23 -2.17	94.38 3.61 -14.25	109.05 3.43 -32.76	153.55 1.80 -116.27	139.14 3.18 -66.96	128.28 2.86 -60.30	126.57 4.36 -20.85	135.23 4.09 -39.74	67.35 1.91 -23.04	57.55 2.22 -5.90	51.27 2.11 0.00	58.56 2.40 -2.25	69.76 2.49 0.00
GILBOA___ 23599	94.95 3.14 -0.90	122.58 4.00 -3.20	121.13 3.77 -3.12	111.79 3.22 -7.31	149.15 4.53 -6.81	111.20 3.47 -6.99	150.96 4.48 -29.39	166.05 5.10 -19.64	226.53 6.68 -42.32	132.28 2.80 -59.20	71.67 2.38 -9.41	95.32 4.22 -2.17	94.38 3.61 -14.25	109.05 3.44 -32.76	153.55 1.80 -116.27	139.14 3.18 -66.96	128.28 2.87 -60.30	126.58 4.37 -20.85	135.21 4.08 -39.74	67.35 1.91 -23.04	57.55 2.22 -5.90	51.27 2.11 0.00	58.56 2.40 -2.25	69.76 2.49 0.00
GINNA___ 23603	85.44 -5.48 0.00	108.38 -7.00 0.00	107.29 -6.95 0.00	94.92 -6.34 0.00	129.21 -8.60 0.00	95.14 -5.59 0.00	109.53 -7.16 0.40	132.20 -9.15 -0.04	166.54 -11.22 -0.22	67.87 -4.20 -1.79	56.36 -3.53 0.00	83.12 -6.08 -0.27	72.93 -5.37 -1.78	71.68 -5.28 -4.10	47.54 -2.50 -14.55	72.36 -5.05 -8.40	67.39 -4.63 -6.91	93.18 -7.64 0.54	75.37 -7.01 9.01	40.23 -3.18 -1.01	41.45 -3.73 4.24	43.48 -3.89 1.79	44.11 -4.44 5.36	60.18 -5.49 1.61
GLEN PARK___ 23778	94.96 4.04 0.00	120.29 4.91 0.00	118.89 4.66 0.00	105.69 4.43 0.00	143.72 5.91 0.00	106.14 5.41 0.00	123.07 5.98 0.00	148.80 7.49 0.00	187.21 9.68 0.00	74.26 3.98 0.00	63.02 3.13 0.00	92.63 3.60 -0.10	79.57 2.30 -0.75	77.11 2.53 -1.72	43.03 1.42 -6.13	74.75 2.21 -3.54	70.41 2.11 -3.18	106.39 3.93 -1.10	98.31 5.09 -1.83	44.64 1.02 -1.21	50.54 0.80 -0.31	49.59 0.42 0.00	53.63 -0.40 -0.12	66.40 -0.88 0.00
GLENDALE_27_KV_LOAD 356172	101.20 7.92 -2.37	133.75 9.90 -8.46	131.86 9.38 -8.24	128.37 7.76 -19.35	166.84 11.01 -18.01	127.54 8.30 -18.51	206.10 11.22 -77.78	208.61 14.15 -53.15	315.21 18.54 -119.13	291.83 7.63 -213.91	90.76 5.93 -24.94	99.17 8.04 -2.21	97.69 6.68 -14.49	112.61 6.29 -33.45	157.63 3.12 -119.03	144.42 6.35 -69.06	133.16 6.23 -61.81	132.70 9.96 -21.37	141.09 8.95 -40.74	70.17 4.16 -23.62	60.39 4.91 -6.05	53.78 4.61 0.00	61.01 4.80 -2.31	72.47 5.20 0.00
GLENWOOD_IC_1_G5 23712	100.82 7.53 -2.37	134.67 10.20 -9.08	132.41 9.93 -8.25	129.09 8.47 -19.36	167.35 11.52 -18.02	138.47 8.53 -29.20	208.30 10.67 -80.53	216.00 13.37 -61.32	313.53 16.85 -119.15	290.85 6.61 -213.95	95.28 5.91 -29.48	98.99 7.86 -2.21	97.54 6.53 -14.49	112.63 6.31 -33.46	159.80 3.15 -121.16	148.77 6.50 -73.27	158.89 6.32 -87.45	155.97 9.86 -44.74	201.68 8.95 -101.34	126.10 4.38 -79.32	116.44 5.11 -61.90	97.73 4.76 -43.81	94.69 4.93 -35.85	72.38 5.10 0.00
GLENWOOD_IC_2_G1 23688	100.89 7.60 -2.37	133.86 9.81 -8.66	131.74 9.26 -8.25	128.49 7.88 -19.36	166.64 10.81 -18.02	131.04 8.46 -21.85	205.63 10.75 -77.79	208.45 13.37 -53.78	313.65 16.96 -119.15	290.97 6.74 -213.95	95.05 5.68 -29.48	98.76 7.63 -2.21	97.33 6.31 -14.49	112.38 6.06 -33.46	158.12 3.04 -119.60	147.16 6.23 -71.92	145.55 6.07 -74.37	140.56 9.61 -29.58	161.54 8.81 -61.34	93.12 4.14 -46.57	82.98 4.85 -28.71	70.87 4.56 -17.15	72.95 4.77 -14.27	72.37 5.10 0.00
GLENWOOD_IC_3_G1 23689	100.89 7.60 -2.37	133.86 9.81 -8.66	131.74 9.26 -8.25	128.49 7.88 -19.36	166.64 10.81 -18.02	131.04 8.46 -21.85	205.63 10.75 -77.79	208.45 13.37 -53.78	313.65 16.96 -119.15	290.97 6.74 -213.95	95.05 5.68 -29.48	98.76 7.63 -2.21	97.33 6.31 -14.49	112.38 6.06 -33.46	158.12 3.04 -119.60	147.16 6.23 -71.92	145.55 6.07 -74.37	140.56 9.61 -29.58	161.54 8.81 -61.34	93.12 4.14 -46.57	82.98 4.85 -28.71	70.87 4.56 -17.15	72.95 4.77 -14.27	72.37 5.10 0.00
GLENWOOD___4 23550	101.04 7.76 -2.37	134.80 10.34 -9.08	132.41 9.93 -8.25	129.09 8.47 -19.36	167.37 11.54 -18.02	138.73 8.80 -29.20	208.57 10.95 -80.53	216.36 13.73 -61.32	313.99 17.30 -119.15	291.02 6.78 -213.95	95.34 5.97 -29.48	99.12 7.98 -2.21	97.63 6.62 -14.49	112.72 6.40 -33.46	159.84 3.20 -121.16	148.85 6.58 -73.27	158.96 6.39 -87.45	156.15 10.05 -44.74	201.89 9.16 -101.34	126.12 4.40 -79.32	116.46 5.14 -61.90	97.78 4.81 -43.81	94.77 5.01 -35.85	72.53 5.25 0.00
GLENWOOD___5 23614	101.04 7.76 -2.37	134.80 10.34 -9.08	132.41 9.93 -8.25	129.09 8.47 -19.36	167.37 11.54 -18.02	138.73 8.80 -29.20	208.57 10.95 -80.53	216.36 13.73 -61.32	313.99 17.30 -119.15	291.02 6.78 -213.95	95.34 5.97 -29.48	99.12 7.98 -2.21	97.63 6.62 -14.49	112.72 6.40 -33.46	159.84 3.20 -121.16	148.85 6.58 -73.27	158.96 6.39 -87.45	156.15 10.05 -44.74	201.89 9.16 -101.34	126.12 4.40 -79.32	116.46 5.14 -61.90	97.78 4.81 -43.81	94.77 5.01 -35.85	72.53 5.25 0.00
GLOBAL GREEN_PORT_GT1 23814	105.04 11.75 -2.37	141.58 16.17 -10.03	137.50 15.01 -8.25	133.92 13.29 -19.37	174.63 18.80 -18.02	161.76 15.37 -45.66	217.60 13.85 -86.66	236.26 16.73 -78.22	316.33 19.64 -119.15	290.46 6.21 -213.95	97.41 8.04 -29.48	102.62 11.49 -2.21	100.02 9.00 -14.49	115.65 9.33 -33.46	162.59 4.83 -122.27	150.90 10.68 -71.21	158.77 10.39 -83.26	183.14 14.09 -67.68	283.80 15.72 -176.68	150.21 7.60 -100.21	145.64 8.98 -87.23	128.95 8.40 -71.39	127.95 9.03 -65.01	77.04 9.77 -0.01
GLOBE___DSASP 323697	84.70 -6.22 0.00	107.47 -7.91 0.00	106.43 -7.80 0.00	93.99 -7.26 0.00	127.68 -10.13 0.00	94.21 -6.52 0.00	106.12 -10.28 0.69	127.27 -14.09 -0.05	160.40 -17.42 -0.29	66.20 -6.43 -2.34	54.56 -5.33 0.00	79.76 -9.51 -0.35	70.39 -8.43 -2.30	69.72 -8.44 -5.30	49.61 -4.06 -18.18	71.60 -8.28 -10.88	66.34 -7.44 -8.65	86.70 -12.61 2.05	58.61 -11.13 21.65	31.83 -4.71 5.87	31.54 -5.33 12.56	34.31 -5.54 9.31	35.71 -6.26 11.94	53.19 -7.32 6.76
GOETHSLN___LBMP 323567	100.00 6.71 -2.37	132.25 8.41 -8.46	130.35 7.87 -8.24	127.02 6.41 -19.35	165.01 9.19 -18.01	126.06 6.82 -18.50	204.35 9.49 -77.77	206.39 11.94 -53.14	312.27 15.61 -119.12	290.66 6.48 -213.89	89.82 5.00 -24.94	97.77 6.64 -2.20	96.46 5.45 -14.49	111.44 5.13 -33.45	157.05 2.55 -119.02	143.30 5.24 -69.05	132.02 5.10 -61.81	131.07 8.33 -21.37	139.59 7.46 -40.74	69.52 3.51 -23.61	59.57 4.12 -6.02	52.92 3.81 0.06	59.37 3.97 -1.49	71.53 4.26 0.00
GOLAH___69_KV_TB 1_2 80279	89.37 -1.55 0.00	113.28 -2.11 0.00	112.09 -2.15 0.00	99.09 -2.17 0.00	134.90 -2.91 0.00	99.43 -1.30 0.00	113.86 -2.78 0.45	137.28 -4.06 -0.04	173.00 -4.78 -0.24	70.61 -1.56 -1.88	58.63 -1.25 0.00	86.27 -2.94 -0.28	75.55 -2.84 -1.87	74.28 -2.88 -4.30	49.41 -1.34 -15.27	74.94 -2.88 -8.82	69.81 -2.50 -7.19	96.28 -4.25 0.84	76.91 -3.80 10.68	41.68 -1.62 -0.89	42.70 -1.84 4.89	45.02 -2.10 2.04	45.28 -2.51 6.12	62.46 -2.98 1.83

GOODYEAR_LAKE_HYD 323669	99.64 4.00 -4.73	137.26 4.99 -16.88	135.48 4.80 -16.45	144.02 4.14 -38.62	179.63 5.88 -35.95	142.49 4.83 -36.93	278.46 6.18 -155.19	252.54 7.41 -103.82	411.43 9.66 -224.24	393.43 3.87 -319.27	112.64 3.21 -49.55	94.31 4.68 -0.70	84.93 3.82 -4.59	87.12 3.68 -10.57	74.98 1.93 -37.57	94.43 3.75 -21.67	88.15 3.57 -19.46	113.66 5.57 -6.73	109.17 4.94 -12.83	52.06 2.22 -7.44	53.79 2.45 -1.91	51.35 2.19 0.00	56.86 2.23 -0.73	69.58 2.31 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	91.78 0.14 -0.73	118.11 0.12 -2.61	116.71 -0.07 -2.54	107.05 -0.18 -5.96	143.23 -0.13 -5.55	106.81 0.37 -5.70	141.02 0.35 -23.58	157.60 0.17 -16.13	213.88 1.17 -35.17	124.23 0.59 -53.35	67.94 0.37 -7.68	90.32 0.65 -0.73	81.70 0.36 -4.82	84.27 0.31 -11.09	75.09 0.21 -39.39	91.99 0.23 -22.75	85.18 0.25 -19.81	105.53 0.18 -3.98	91.26 0.11 0.24	48.41 0.04 -5.97	46.45 -0.09 2.88	47.18 -0.22 1.76	48.72 -0.42 4.77	64.94 -0.76 1.58
GOUDEY___7 23579	91.78 0.14 -0.73	118.11 0.12 -2.61	116.71 -0.07 -2.54	107.05 -0.18 -5.96	143.23 -0.13 -5.55	106.81 0.37 -5.70	141.02 0.35 -23.58	157.60 0.17 -16.13	213.88 1.17 -35.17	124.23 0.59 -53.35	67.94 0.37 -7.68	90.32 0.65 -0.73	81.70 0.36 -4.82	84.27 0.31 -11.09	75.09 0.21 -39.39	91.99 0.23 -22.75	85.18 0.25 -19.81	105.53 0.18 -3.98	91.26 0.11 0.24	48.41 0.04 -5.97	46.45 -0.09 2.88	47.18 -0.22 1.76	48.72 -0.42 4.77	64.94 -0.76 1.58
GOUDEY___8 23580	91.78 0.14 -0.73	118.11 0.12 -2.61	116.71 -0.07 -2.54	107.05 -0.18 -5.96	143.23 -0.13 -5.55	106.81 0.37 -5.70	141.02 0.35 -23.58	157.60 0.17 -16.13	213.88 1.17 -35.17	124.23 0.59 -53.35	67.94 0.37 -7.68	90.32 0.65 -0.73	81.70 0.36 -4.82	84.27 0.31 -11.09	75.09 0.21 -39.39	91.99 0.23 -22.75	85.18 0.25 -19.81	105.53 0.18 -3.98	91.26 0.11 0.24	48.41 0.04 -5.97	46.45 -0.09 2.88	47.18 -0.22 1.76	48.72 -0.42 4.77	64.94 -0.76 1.58
GOWANUS_GT1_1 24077	101.26 7.97 -2.37	133.84 10.00 -8.46	131.91 9.43 -8.24	128.35 7.74 -19.35	166.85 11.03 -18.01	127.51 8.27 -18.51	206.00 11.13 -77.78	208.42 13.96 -53.15	314.85 18.19 -119.13	291.65 7.45 -213.91	90.63 5.81 -24.94	99.02 7.89 -2.21	97.54 6.53 -14.49	112.47 6.15 -33.45	157.55 3.04 -119.03	144.25 6.19 -69.06	132.92 6.00 -61.81	132.32 9.59 -21.37	140.80 8.66 -40.74	70.08 4.06 -23.62	67.20 4.95 -12.82	68.78 4.68 -14.94	69.61 4.83 -10.87	80.36 5.20 -7.89
GOWANUS_GT1_2 24078	101.26 7.97 -2.37	133.84 10.00 -8.46	131.91 9.43 -8.24	128.35 7.74 -19.35	166.85 11.03 -18.01	127.51 8.27 -18.51	206.00 11.13 -77.78	208.42 13.96 -53.15	314.85 18.19 -119.13	291.65 7.45 -213.91	90.63 5.81 -24.94	99.02 7.89 -2.21	97.54 6.53 -14.49	112.47 6.15 -33.45	157.55 3.04 -119.03	144.25 6.19 -69.06	132.92 6.00 -61.81	132.32 9.59 -21.37	140.80 8.66 -40.74	70.08 4.06 -23.62	67.20 4.95 -12.82	68.78 4.68 -14.94	69.61 4.83 -10.87	80.36 5.20 -7.89
GOWANUS_GT1_3 24079	101.26 7.97 -2.37	133.84 10.00 -8.46	131.91 9.43 -8.24	128.35 7.74 -19.35	166.85 11.03 -18.01	127.51 8.27 -18.51	206.00 11.13 -77.78	208.42 13.96 -53.15	314.85 18.19 -119.13	291.65 7.45 -213.91	90.63 5.81 -24.94	99.02 7.89 -2.21	97.54 6.53 -14.49	112.47 6.15 -33.45	157.55 3.04 -119.03	144.25 6.19 -69.06	132.92 6.00 -61.81	132.32 9.59 -21.37	140.80 8.66 -40.74	70.08 4.06 -23.62	67.20 4.95 -12.82	68.78 4.68 -14.94	69.61 4.83 -10.87	80.36 5.20 -7.89
GOWANUS_GT1_4 24080	101.26 7.97 -2.37	133.84 10.00 -8.46	131.91 9.43 -8.24	128.35 7.74 -19.35	166.85 11.03 -18.01	127.51 8.27 -18.51	206.00 11.13 -77.78	208.42 13.96 -53.15	314.85 18.19 -119.13	291.65 7.45 -213.91	90.63 5.81 -24.94	99.02 7.89 -2.21	97.54 6.53 -14.49	112.47 6.15 -33.45	157.55 3.04 -119.03	144.25 6.19 -69.06	132.92 6.00 -61.81	132.32 9.59 -21.37	140.80 8.66 -40.74	70.08 4.06 -23.62	67.20 4.95 -12.82	68.78 4.68 -14.94	69.61 4.83 -10.87	80.36 5.20 -7.89
GOWANUS_GT1_5 24084	101.26 7.97 -2.37	133.84 10.00 -8.46	131.91 9.43 -8.24	128.35 7.74 -19.35	166.85 11.03 -18.01	127.51 8.27 -18.51	206.00 11.13 -77.78	208.42 13.96 -53.15	314.85 18.19 -119.13	291.65 7.45 -213.91	90.63 5.81 -24.94	99.02 7.89 -2.21	97.54 6.53 -14.49	112.47 6.15 -33.45	157.55 3.04 -119.03	144.25 6.19 -69.06	132.92 6.00 -61.81	132.32 9.59 -21.37	140.80 8.66 -40.74	70.08 4.06 -23.62	67.20 4.95 -12.82	68.78 4.68 -14.94	69.61 4.83 -10.87	80.36 5.20 -7.89
GOWANUS_GT1_6 24111	101.26 7.97 -2.37	133.84 10.00 -8.46	131.91 9.43 -8.24	128.35 7.74 -19.35	166.85 11.03 -18.01	127.51 8.27 -18.51	206.00 11.13 -77.78	208.42 13.96 -53.15	314.85 18.19 -119.13	291.65 7.45 -213.91	90.63 5.81 -24.94	99.02 7.89 -2.21	97.54 6.53 -14.49	112.47 6.15 -33.45	157.55 3.04 -119.03	144.25 6.19 -69.06	132.92 6.00 -61.81	132.32 9.59 -21.37	140.80 8.66 -40.74	70.08 4.06 -23.62	67.20 4.95 -12.82	68.78 4.68 -14.94	69.61 4.83 -10.87	80.36 5.20 -7.89
GOWANUS_GT1_7 24112	101.26 7.97 -2.37	133.84 10.00 -8.46	131.91 9.43 -8.24	128.35 7.74 -19.35	166.85 11.03 -18.01	127.51 8.27 -18.51	206.00 11.13 -77.78	208.42 13.96 -53.15	314.85 18.19 -119.13	291.65 7.45 -213.91	90.63 5.81 -24.94	99.02 7.89 -2.21	97.54 6.53 -14.49	112.47 6.15 -33.45	157.55 3.04 -119.03	144.25 6.19 -69.06	132.92 6.00 -61.81	132.32 9.59 -21.37	140.80 8.66 -40.74	70.08 4.06 -23.62	67.20 4.95 -12.82	68.78 4.68 -14.94	69.61 4.83 -10.87	80.36 5.20 -7.89
GOWANUS_GT1_8 24113	101.26 7.97 -2.37	133.84 10.00 -8.46	131.91 9.43 -8.24	128.35 7.74 -19.35	166.85 11.03 -18.01	127.51 8.27 -18.51	206.00 11.13 -77.78	208.42 13.96 -53.15	314.85 18.19 -119.13	291.65 7.45 -213.91	90.63 5.81 -24.94	99.02 7.89 -2.21	97.54 6.53 -14.49	112.47 6.15 -33.45	157.55 3.04 -119.03	144.25 6.19 -69.06	132.92 6.00 -61.81	132.32 9.59 -21.37	140.80 8.66 -40.74	70.08 4.06 -23.62	67.20 4.95 -12.82	68.78 4.68 -14.94	69.61 4.83 -10.87	80.36 5.20 -7.89
GOWANUS_GT2_1 24114	101.26 7.97 -2.37	133.84 10.00 -8.46	131.91 9.42 -8.24	128.36 7.75 -19.35	166.86 11.03 -18.01	127.51 8.26 -18.51	206.01 11.14 -77.78	208.42 13.96 -53.15	314.84 18.18 -119.13	291.65 7.45 -213.91	90.62 5.79 -24.94	99.02 7.89 -2.21	97.54 6.53 -14.49	112.46 6.15 -33.45	157.56 3.05 -119.03	144.27 6.20 -69.06	132.93 6.01 -61.81	132.33 9.60 -21.37	140.80 8.66 -40.74	70.08 4.06 -23.62	67.21 4.96 -12.82	68.78 4.68 -14.94	69.63 4.84 -10.87	80.36 5.20 -7.89
GOWANUS_GT2_2 24115	101.26 7.97 -2.37	133.84 10.00 -8.46	131.91 9.42 -8.24	128.36 7.75 -19.35	166.86 11.03 -18.01	127.51 8.26 -18.51	206.01 11.14 -77.78	208.42 13.96 -53.15	314.84 18.18 -119.13	291.65 7.45 -213.91	90.62 5.79 -24.94	99.02 7.89 -2.21	97.54 6.53 -14.49	112.46 6.15 -33.45	157.56 3.05 -119.03	144.27 6.20 -69.06	132.93 6.01 -61.81	132.33 9.60 -21.37	140.80 8.66 -40.74	70.08 4.06 -23.62	67.21 4.96 -12.82	68.78 4.68 -14.94	69.63 4.84 -10.87	80.36 5.20 -7.89
GOWANUS_GT2_3 24116	101.26 7.97 -2.37	133.84 10.00 -8.46	131.91 9.42 -8.24	128.36 7.75 -19.35	166.86 11.03 -18.01	127.51 8.26 -18.51	206.01 11.14 -77.78	208.42 13.96 -53.15	314.84 18.18 -119.13	291.65 7.45 -213.91	90.62 5.79 -24.94	99.02 7.89 -2.21	97.54 6.53 -14.49	112.46 6.15 -33.45	157.56 3.05 -119.03	144.27 6.20 -69.06	132.93 6.01 -61.81	132.33 9.60 -21.37	140.80 8.66 -40.74	70.08 4.06 -23.62	67.21 4.96 -12.82	68.78 4.68 -14.94	69.63 4.84 -10.87	80.36 5.20 -7.89

GOWANUS_GT2_4 24117	101.26 7.97 -2.37	133.84 10.00 -8.46	131.91 9.42 -8.24	128.36 7.75 -19.35	166.86 11.03 -18.01	127.51 8.26 -18.51	206.01 11.14 -77.78	208.42 13.96 -53.15	314.84 18.18 -119.13	291.65 7.45 -213.91	90.62 5.79 -24.94	99.02 7.89 -2.21	97.54 6.53 -14.49	112.46 6.15 -33.45	157.56 3.05 -119.03	144.27 6.20 -69.06	132.93 6.01 -61.81	132.33 9.60 -21.37	140.80 8.66 -40.74	70.08 4.06 -23.62	67.21 4.96 -12.82	68.78 4.68 -14.94	69.63 4.84 -10.87	80.36 5.20 -7.89
GOWANUS_GT2_5 24118	101.26 7.97 -2.37	133.84 10.00 -8.46	131.91 9.42 -8.24	128.36 7.75 -19.35	166.86 11.03 -18.01	127.51 8.26 -18.51	206.01 11.14 -77.78	208.42 13.96 -53.15	314.84 18.18 -119.13	291.65 7.45 -213.91	90.62 5.79 -24.94	99.02 7.89 -2.21	97.54 6.53 -14.49	112.46 6.15 -33.45	157.56 3.05 -119.03	144.27 6.20 -69.06	132.93 6.01 -61.81	132.33 9.60 -21.37	140.80 8.66 -40.74	70.08 4.06 -23.62	67.21 4.96 -12.82	68.78 4.68 -14.94	69.63 4.84 -10.87	80.36 5.20 -7.89
GOWANUS_GT2_6 24119	101.26 7.97 -2.37	133.84 10.00 -8.46	131.91 9.42 -8.24	128.36 7.75 -19.35	166.86 11.03 -18.01	127.51 8.26 -18.51	206.01 11.14 -77.78	208.42 13.96 -53.15	314.84 18.18 -119.13	291.65 7.45 -213.91	90.62 5.79 -24.94	99.02 7.89 -2.21	97.54 6.53 -14.49	112.46 6.15 -33.45	157.56 3.05 -119.03	144.27 6.20 -69.06	132.93 6.01 -61.81	132.33 9.60 -21.37	140.80 8.66 -40.74	70.08 4.06 -23.62	67.21 4.96 -12.82	68.78 4.68 -14.94	69.63 4.84 -10.87	80.36 5.20 -7.89
GOWANUS_GT2_7 24120	101.26 7.97 -2.37	133.84 10.00 -8.46	131.91 9.42 -8.24	128.36 7.75 -19.35	166.86 11.03 -18.01	127.51 8.26 -18.51	206.01 11.14 -77.78	208.42 13.96 -53.15	314.84 18.18 -119.13	291.65 7.45 -213.91	90.62 5.79 -24.94	99.02 7.89 -2.21	97.54 6.53 -14.49	112.46 6.15 -33.45	157.56 3.05 -119.03	144.27 6.20 -69.06	132.93 6.01 -61.81	132.33 9.60 -21.37	140.80 8.66 -40.74	70.08 4.06 -23.62	67.21 4.96 -12.82	68.78 4.68 -14.94	69.63 4.84 -10.87	80.36 5.20 -7.89
GOWANUS_GT2_8 24121	101.26 7.97 -2.37	133.84 10.00 -8.46	131.91 9.42 -8.24	128.36 7.75 -19.35	166.86 11.03 -18.01	127.51 8.26 -18.51	206.01 11.14 -77.78	208.42 13.96 -53.15	314.84 18.18 -119.13	291.65 7.45 -213.91	90.62 5.79 -24.94	99.02 7.89 -2.21	97.54 6.53 -14.49	112.46 6.15 -33.45	157.56 3.05 -119.03	144.27 6.20 -69.06	132.93 6.01 -61.81	132.33 9.60 -21.37	140.80 8.66 -40.74	70.08 4.06 -23.62	67.21 4.96 -12.82	68.78 4.68 -14.94	69.63 4.84 -10.87	80.36 5.20 -7.89
GOWANUS_GT3_1 24122	101.26 7.97 -2.37	133.84 10.00 -8.46	131.91 9.42 -8.24	128.36 7.75 -19.35	166.86 11.03 -18.01	127.51 8.26 -18.51	206.01 11.14 -77.78	208.42 13.96 -53.15	314.84 18.18 -119.13	291.65 7.45 -213.91	90.62 5.79 -24.94	99.02 7.89 -2.21	97.54 6.53 -14.49	112.46 6.15 -33.45	157.56 3.05 -119.03	144.27 6.20 -69.06	132.93 6.01 -61.81	132.33 9.60 -21.37	140.80 8.66 -40.74	70.08 4.06 -23.62	67.21 4.96 -12.82	68.78 4.68 -14.94	69.63 4.84 -10.87	80.36 5.20 -7.89
GOWANUS_GT3_2 24123	101.26 7.97 -2.37	133.84 10.00 -8.46	131.91 9.42 -8.24	128.36 7.75 -19.35	166.86 11.03 -18.01	127.51 8.26 -18.51	206.01 11.14 -77.78	208.42 13.96 -53.15	314.84 18.18 -119.13	291.65 7.45 -213.91	90.62 5.79 -24.94	99.02 7.89 -2.21	97.54 6.53 -14.49	112.46 6.15 -33.45	157.56 3.05 -119.03	144.27 6.20 -69.06	132.93 6.01 -61.81	132.33 9.60 -21.37	140.80 8.66 -40.74	70.08 4.06 -23.62	67.21 4.96 -12.82	68.78 4.68 -14.94	69.63 4.84 -10.87	80.36 5.20 -7.89
GOWANUS_GT3_3 24124	101.26 7.97 -2.37	133.84 10.00 -8.46	131.91 9.42 -8.24	128.36 7.75 -19.35	166.86 11.03 -18.01	127.51 8.26 -18.51	206.01 11.14 -77.78	208.42 13.96 -53.15	314.84 18.18 -119.13	291.65 7.45 -213.91	90.62 5.79 -24.94	99.02 7.89 -2.21	97.54 6.53 -14.49	112.46 6.15 -33.45	157.56 3.05 -119.03	144.27 6.20 -69.06	132.93 6.01 -61.81	132.33 9.60 -21.37	140.80 8.66 -40.74	70.08 4.06 -23.62	67.21 4.96 -12.82	68.78 4.68 -14.94	69.63 4.84 -10.87	80.36 5.20 -7.89
GOWANUS_GT3_4 24125	101.26 7.97 -2.37	133.84 10.00 -8.46	131.91 9.42 -8.24	128.36 7.75 -19.35	166.86 11.03 -18.01	127.51 8.26 -18.51	206.01 11.14 -77.78	208.42 13.96 -53.15	314.84 18.18 -119.13	291.65 7.45 -213.91	90.62 5.79 -24.94	99.02 7.89 -2.21	97.54 6.53 -14.49	112.46 6.15 -33.45	157.56 3.05 -119.03	144.27 6.20 -69.06	132.93 6.01 -61.81	132.33 9.60 -21.37	140.80 8.66 -40.74	70.08 4.06 -23.62	67.21 4.96 -12.82	68.78 4.68 -14.94	69.63 4.84 -10.87	80.36 5.20 -7.89
GOWANUS_GT3_5 24126	101.26 7.97 -2.37	133.84 10.00 -8.46	131.91 9.42 -8.24	128.36 7.75 -19.35	166.86 11.03 -18.01	127.51 8.26 -18.51	206.01 11.14 -77.78	208.42 13.96 -53.15	314.84 18.18 -119.13	291.65 7.45 -213.91	90.62 5.79 -24.94	99.02 7.89 -2.21	97.54 6.53 -14.49	112.46 6.15 -33.45	157.56 3.05 -119.03	144.27 6.20 -69.06	132.93 6.01 -61.81	132.33 9.60 -21.37	140.80 8.66 -40.74	70.08 4.06 -23.62	67.21 4.96 -12.82	68.78 4.68 -14.94	69.63 4.84 -10.87	80.36 5.20 -7.89
GOWANUS_GT3_6 24127	101.26 7.97 -2.37	133.84 10.00 -8.46	131.91 9.42 -8.24	128.36 7.75 -19.35	166.86 11.03 -18.01	127.51 8.26 -18.51	206.01 11.14 -77.78	208.42 13.96 -53.15	314.84 18.18 -119.13	291.65 7.45 -213.91	90.62 5.79 -24.94	99.02 7.89 -2.21	97.54 6.53 -14.49	112.46 6.15 -33.45	157.56 3.05 -119.03	144.27 6.20 -69.06	132.93 6.01 -61.81	132.33 9.60 -21.37	140.80 8.66 -40.74	70.08 4.06 -23.62	67.21 4.96 -12.82	68.78 4.68 -14.94	69.63 4.84 -10.87	80.36 5.20 -7.89
GOWANUS_GT3_7 24128	101.26 7.97 -2.37	133.84 10.00 -8.46	131.91 9.42 -8.24	128.36 7.75 -19.35	166.86 11.03 -18.01	127.51 8.26 -18.51	206.01 11.14 -77.78	208.42 13.96 -53.15	314.84 18.18 -119.13	291.65 7.45 -213.91	90.62 5.79 -24.94	99.02 7.89 -2.21	97.54 6.53 -14.49	112.46 6.15 -33.45	157.56 3.05 -119.03	144.27 6.20 -69.06	132.93 6.01 -61.81	132.33 9.60 -21.37	140.80 8.66 -40.74	70.08 4.06 -23.62	67.21 4.96 -12.82	68.78 4.68 -14.94	69.63 4.84 -10.87	80.36 5.20 -7.89
GOWANUS_GT3_8 24129	101.26 7.97 -2.37	133.84 10.00 -8.46	131.91 9.42 -8.24	128.36 7.75 -19.35	166.86 11.03 -18.01	127.51 8.26 -18.51	206.01 11.14 -77.78	208.42 13.96 -53.15	314.84 18.18 -119.13	291.65 7.45 -213.91	90.62 5.79 -24.94	99.02 7.89 -2.21	97.54 6.53 -14.49	112.46 6.15 -33.45	157.56 3.05 -119.03	144.27 6.20 -69.06	132.93 6.01 -61.81	132.33 9.60 -21.37	140.80 8.66 -40.74	70.08 4.06 -23.62	67.21 4.96 -12.82	68.78 4.68 -14.94	69.63 4.84 -10.87	80.36 5.20 -7.89
GOWANUS_GT4_1 24130	101.26 7.97 -2.37	133.84 10.00 -8.46	131.91 9.43 -8.24	128.35 7.74 -19.35	166.85 11.03 -18.01	127.51 8.27 -18.51	206.00 11.13 -77.78	208.42 13.96 -53.15	314.85 18.19 -119.13	291.65 7.45 -213.91	90.63 5.81 -24.94	99.02 7.89 -2.21	97.54 6.53 -14.49	112.47 6.15 -33.45	157.55 3.04 -119.03	144.25 6.19 -69.06	132.92 6.00 -61.81	132.32 9.59 -21.37	140.80 8.66 -40.74	70.08 4.06 -23.62	67.20 4.95 -12.82	68.78 4.68 -14.94	69.61 4.83 -10.87	80.36 5.20 -7.89
GOWANUS_GT4_2 24131	101.26 7.97 -2.37	133.84 10.00 -8.46	131.91 9.43 -8.24	128.35 7.74 -19.35	166.85 11.03 -18.01	127.51 8.27 -18.51	206.00 11.13 -77.78	208.42 13.96 -53.15	314.85 18.19 -119.13	291.65 7.45 -213.91	90.63 5.81 -24.94	99.02 7.89 -2.21	97.54 6.53 -14.49	112.47 6.15 -33.45	157.55 3.04 -119.03	144.25 6.19 -69.06	132.92 6.00 -61.81	132.32 9.59 -21.37	140.80 8.66 -40.74	70.08 4.06 -23.62	67.20 4.95 -12.82	68.78 4.68 -14.94	69.61 4.83 -10.87	80.36 5.20 -7.89

GOWANUS_GT4_3 24132	101.26 7.97 -2.37	133.84 10.00 -8.46	131.91 9.43 -8.24	128.35 7.74 -19.35	166.85 11.03 -18.01	127.51 8.27 -18.51	206.00 11.13 -77.78	208.42 13.96 -53.15	314.85 18.19 -119.13	291.65 7.45 -213.91	90.63 5.81 -24.94	99.02 7.89 -2.21	97.54 6.53 -14.49	112.47 6.15 -33.45	157.55 3.04 -119.03	144.25 6.19 -69.06	132.92 6.00 -61.81	132.32 9.59 -21.37	140.80 8.66 -40.74	70.08 4.06 -23.62	67.20 4.95 -12.82	68.78 4.68 -14.94	69.61 4.83 -10.87	80.36 5.20 -7.89
GOWANUS_GT4_4 24133	101.26 7.97 -2.37	133.84 10.00 -8.46	131.91 9.43 -8.24	128.35 7.74 -19.35	166.85 11.03 -18.01	127.51 8.27 -18.51	206.00 11.13 -77.78	208.42 13.96 -53.15	314.85 18.19 -119.13	291.65 7.45 -213.91	90.63 5.81 -24.94	99.02 7.89 -2.21	97.54 6.53 -14.49	112.47 6.15 -33.45	157.55 3.04 -119.03	144.25 6.19 -69.06	132.92 6.00 -61.81	132.32 9.59 -21.37	140.80 8.66 -40.74	70.08 4.06 -23.62	67.20 4.95 -12.82	68.78 4.68 -14.94	69.61 4.83 -10.87	80.36 5.20 -7.89
GOWANUS_GT4_5 24134	101.26 7.97 -2.37	133.84 10.00 -8.46	131.91 9.43 -8.24	128.35 7.74 -19.35	166.85 11.03 -18.01	127.51 8.27 -18.51	206.00 11.13 -77.78	208.42 13.96 -53.15	314.85 18.19 -119.13	291.65 7.45 -213.91	90.63 5.81 -24.94	99.02 7.89 -2.21	97.54 6.53 -14.49	112.47 6.15 -33.45	157.55 3.04 -119.03	144.25 6.19 -69.06	132.92 6.00 -61.81	132.32 9.59 -21.37	140.80 8.66 -40.74	70.08 4.06 -23.62	67.20 4.95 -12.82	68.78 4.68 -14.94	69.61 4.83 -10.87	80.36 5.20 -7.89
GOWANUS_GT4_6 24135	101.26 7.97 -2.37	133.84 10.00 -8.46	131.91 9.43 -8.24	128.35 7.74 -19.35	166.85 11.03 -18.01	127.51 8.27 -18.51	206.00 11.13 -77.78	208.42 13.96 -53.15	314.85 18.19 -119.13	291.65 7.45 -213.91	90.63 5.81 -24.94	99.02 7.89 -2.21	97.54 6.53 -14.49	112.47 6.15 -33.45	157.55 3.04 -119.03	144.25 6.19 -69.06	132.92 6.00 -61.81	132.32 9.59 -21.37	140.80 8.66 -40.74	70.08 4.06 -23.62	67.20 4.95 -12.82	68.78 4.68 -14.94	69.61 4.83 -10.87	80.36 5.20 -7.89
GOWANUS_GT4_7 24136	101.26 7.97 -2.37	133.84 10.00 -8.46	131.91 9.43 -8.24	128.35 7.74 -19.35	166.85 11.03 -18.01	127.51 8.27 -18.51	206.00 11.13 -77.78	208.42 13.96 -53.15	314.85 18.19 -119.13	291.65 7.45 -213.91	90.63 5.81 -24.94	99.02 7.89 -2.21	97.54 6.53 -14.49	112.47 6.15 -33.45	157.55 3.04 -119.03	144.25 6.19 -69.06	132.92 6.00 -61.81	132.32 9.59 -21.37	140.80 8.66 -40.74	70.08 4.06 -23.62	67.20 4.95 -12.82	68.78 4.68 -14.94	69.61 4.83 -10.87	80.36 5.20 -7.89
GOWANUS_GT4_8 24137	101.26 7.97 -2.37	133.84 10.00 -8.46	131.91 9.43 -8.24	128.35 7.74 -19.35	166.85 11.03 -18.01	127.51 8.27 -18.51	206.00 11.13 -77.78	208.42 13.96 -53.15	314.85 18.19 -119.13	291.65 7.45 -213.91	90.63 5.81 -24.94	99.02 7.89 -2.21	97.54 6.53 -14.49	112.47 6.15 -33.45	157.55 3.04 -119.03	144.25 6.19 -69.06	132.92 6.00 -61.81	132.32 9.59 -21.37	140.80 8.66 -40.74	70.08 4.06 -23.62	67.20 4.95 -12.82	68.78 4.68 -14.94	69.61 4.83 -10.87	80.36 5.20 -7.89
GREENBSH_115KV_TB3 55895	103.78 4.53 -8.33	151.02 5.87 -29.76	148.96 5.72 -29.00	174.12 4.77 -68.10	207.89 6.69 -63.39	170.61 4.76 -65.12	396.30 5.54 -273.67	330.89 6.58 -183.00	580.86 8.34 -394.98	633.44 3.52 -559.63	149.95 2.82 -87.24	95.81 4.15 -2.73	98.16 3.69 -17.95	117.52 3.33 -41.33	183.67 1.45 -146.74	157.13 2.66 -85.46	145.21 2.44 -77.65	131.93 3.72 -26.85	145.93 3.35 -51.18	73.70 1.63 -29.67	58.92 1.90 -7.60	51.04 1.87 0.00	59.02 2.21 -2.90	70.12 2.85 0.00
GREENIDGE_115KV_TB5 80291	90.10 -1.24 -0.42	114.24 -2.67 -1.52	113.33 -2.39 -1.48	103.17 -1.55 -3.47	137.99 -3.05 -3.23	102.99 -1.06 -3.32	127.84 -0.93 -11.68	149.48 -1.16 -9.34	197.11 -0.71 -20.29	100.63 -0.56 -30.90	64.26 -0.05 -4.42	88.75 -0.63 -0.45	78.63 -0.86 -2.97	78.65 -1.05 -6.84	60.53 -0.42 -25.46	82.07 -0.96 -14.02	73.17 -0.85 -8.90	85.92 -1.84 13.60	25.38 -1.84 64.18	47.54 -0.67 -5.80	30.43 -0.90 18.11	49.33 -1.06 -1.22	25.40 -1.53 26.97	63.03 -2.42 1.82
GREENIDGE___3 23582	90.10 -1.24 -0.42	114.24 -2.67 -1.52	113.33 -2.39 -1.48	103.17 -1.55 -3.47	137.99 -3.05 -3.23	102.99 -1.06 -3.32	127.84 -0.93 -11.68	149.48 -1.16 -9.34	197.11 -0.71 -20.29	100.63 -0.56 -30.90	64.26 -0.05 -4.42	88.75 -0.63 -0.45	78.63 -0.86 -2.97	78.65 -1.05 -6.84	60.53 -0.42 -25.46	82.07 -0.96 -14.02	73.17 -0.85 -8.90	85.92 -1.84 13.60	25.38 -1.84 64.18	47.54 -0.67 -5.80	30.43 -0.90 18.11	49.33 -1.06 -1.22	25.40 -1.53 26.97	63.03 -2.42 1.82
GREENIDGE___4 23583	90.09 -1.25 -0.42	114.23 -2.68 -1.52	113.33 -2.38 -1.48	103.17 -1.55 -3.47	138.01 -3.03 -3.23	102.97 -1.08 -3.32	127.74 -1.03 -11.68	149.45 -1.19 -9.34	197.10 -0.73 -20.29	100.63 -0.56 -30.90	64.28 -0.03 -4.42	88.76 -0.62 -0.45	78.63 -0.86 -2.97	78.64 -1.05 -6.84	60.53 -0.42 -25.46	82.09 -0.94 -14.02	73.17 -0.85 -8.90	85.85 -1.91 13.60	25.38 -1.84 64.18	47.53 -0.68 -5.80	30.38 -0.95 18.11	49.31 -1.07 -1.22	25.38 -1.56 26.97	63.02 -2.43 1.82
GREENLWN_69_KV_BK 3 55738	101.65 8.36 -2.37	136.46 11.07 -10.00	132.83 10.35 -8.25	129.47 8.84 -19.37	167.55 11.72 -18.02	155.63 9.81 -45.08	214.74 11.20 -86.44	232.78 13.85 -77.62	313.55 16.86 -119.15	290.59 6.35 -213.95	95.58 6.22 -29.48	99.34 8.21 -2.21	97.80 6.79 -14.49	113.09 6.78 -33.46	161.13 3.42 -122.23	147.31 6.99 -71.31	155.31 6.61 -83.58	178.31 10.05 -66.90	274.90 9.50 -174.01	146.63 4.43 -99.79	141.32 5.25 -86.64	124.87 5.09 -70.62	123.49 5.49 -64.10	73.15 5.88 -0.01
GREENWD_138_KV_38B11_REV_LBMP_J 345004	101.26 7.97 -2.37	133.84 10.00 -8.46	131.91 9.43 -8.24	128.35 7.74 -19.35	166.85 11.03 -18.01	127.51 8.27 -18.51	206.00 11.13 -77.78	208.42 13.96 -53.15	314.85 18.19 -119.13	291.65 7.45 -213.91	90.63 5.81 -24.94	99.02 7.89 -2.21	97.54 6.53 -14.49	112.47 6.15 -33.45	157.55 3.04 -119.03	144.25 6.19 -69.06	132.92 6.00 -61.81	132.32 9.59 -21.37	140.80 8.66 -40.74	70.08 4.06 -23.62	67.20 4.95 -12.82	68.78 4.68 -14.94	69.61 4.83 -10.87	80.36 5.20 -7.89
GRISSOM___SOLAR 323813	111.86 5.68 -15.25	177.05 7.18 -54.48	174.24 6.92 -53.09	232.05 6.15 -124.65	262.38 8.55 -116.02	226.56 6.64 -119.19	626.33 8.31 -500.92	486.35 10.31 -334.73	911.93 12.88 -721.51	1087.77 4.84 -1012.64	223.54 3.81 -159.85	97.34 5.39 -3.03	100.93 4.52 -19.89	122.58 3.95 -45.77	200.21 2.21 -162.52	168.49 4.85 -94.63	155.66 4.60 -85.95	138.57 7.49 -29.72	154.72 6.68 -56.65	78.26 3.02 -32.84	61.25 3.41 -8.41	52.39 3.23 0.00	60.48 3.37 -3.21	71.14 3.87 0.00
GROVEVILLE___HYD 323602	101.43 8.05 -2.46	134.38 10.23 -8.77	132.53 9.74 -8.54	129.75 8.44 -20.06	168.23 11.74 -18.67	128.88 8.96 -19.18	209.37 11.66 -80.63	210.68 14.36 -55.01	319.09 18.52 -123.03	295.91 7.54 -218.08	91.56 5.83 -25.84	99.01 7.88 -2.20	97.60 6.61 -14.47	112.48 5.89 -33.72	158.33 2.95 -119.90	144.31 6.07 -69.23	133.04 5.97 -61.96	132.39 9.60 -21.42	140.90 8.67 -40.84	70.11 4.04 -23.67	60.21 4.72 -6.06	53.60 4.44 0.00	60.87 4.65 -2.31	72.41 5.14 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	90.49 -0.43 0.00	114.72 -0.66 0.00	113.49 -0.75 0.00	100.50 -0.76 0.00	136.84 -0.97 0.00	100.48 -0.26 0.00	116.99 -0.10 0.00	141.80 0.46 -0.03	179.16 1.44 -0.19	72.57 0.74 -1.55	60.46 0.57 0.00	89.78 0.62 -0.24	78.53 0.46 -1.55	76.84 0.40 -3.57	48.42 0.27 -12.67	76.78 0.45 -7.32	72.20 0.51 -6.58	104.36 0.72 -2.27	96.27 0.53 -4.35	45.20 0.28 -2.51	50.36 0.29 -0.64	49.27 0.11 0.00	54.07 -0.08 -0.24	66.92 -0.34 0.00

HAMLTNNY_34_KV_TB 80303	90.93 0.01 0.00	115.28 -0.11 0.00	114.04 -0.19 0.00	100.94 -0.31 0.00	137.47 -0.34 0.00	101.00 0.26 0.00	117.56 0.47 0.00	142.85 1.50 -0.04	180.76 3.02 -0.21	73.31 1.36 -1.66	61.08 1.19 0.00	90.58 1.40 -0.25	79.26 1.08 -1.66	77.65 0.97 -3.82	49.59 0.55 -13.55	77.78 0.95 -7.83	73.13 0.98 -7.03	105.26 1.46 -2.43	97.23 1.19 -4.65	45.68 0.59 -2.69	50.81 0.69 -0.69	49.66 0.50 0.00	54.46 0.28 -0.26	67.28 0.01 0.00
HAMPSHIRE___PAPER_HYD 323593	91.22 0.31 0.00	115.82 0.43 0.00	114.62 0.38 0.00	101.82 0.56 0.00	137.99 0.17 0.00	100.48 -0.25 0.00	115.42 -1.67 0.00	139.11 -2.19 0.00	174.39 -3.15 0.00	69.26 -1.03 0.00	59.39 -0.50 0.00	87.66 -1.32 -0.05	75.88 -1.01 -0.38	72.91 -0.82 -0.87	38.14 -0.43 -3.09	69.52 -1.26 -1.78	65.37 -1.35 -1.60	100.24 -1.68 -0.55	90.84 -1.52 -0.96	41.90 -1.11 -0.61	48.24 -1.35 -0.16	48.15 -1.01 0.00	52.78 -1.19 -0.06	66.09 -1.18 0.00
HARDSCRABBLE_WT_PWR 323673	94.52 3.60 0.00	119.92 4.53 0.00	118.43 4.19 0.00	104.72 3.47 0.00	142.71 4.90 0.00	104.91 4.17 0.00	122.74 5.65 0.00	148.21 6.90 0.00	186.70 9.16 0.00	73.87 3.59 0.00	62.52 2.63 0.00	93.15 4.22 0.00	80.19 3.67 0.00	76.28 3.42 0.00	37.18 1.69 0.00	72.16 3.16 0.00	68.15 3.04 0.00	106.07 4.71 0.00	95.51 4.12 0.00	44.29 1.89 0.00	51.47 2.04 0.00	50.81 1.65 0.00	55.66 1.75 0.00	69.03 1.76 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	99.60 6.50 -2.19	131.47 8.28 -7.81	129.65 7.80 -7.61	125.77 6.64 -17.87	163.73 9.28 -16.63	124.90 7.08 -17.08	198.32 9.42 -71.81	201.93 11.59 -49.03	302.23 14.93 -109.77	272.19 6.18 -195.72	87.70 4.79 -23.02	97.47 6.48 -2.06	95.41 5.36 -13.53	109.17 5.04 -31.27	149.38 2.58 -111.31	138.98 5.27 -64.70	128.20 5.17 -57.91	129.75 8.37 -20.02	137.12 7.55 -38.17	68.04 3.51 -22.13	59.21 4.12 -5.66	53.03 3.87 0.00	60.06 3.99 -2.16	71.66 4.39 0.00
HARSNRAD_115KV_TB1 81005	85.04 -5.88 0.00	107.99 -7.39 0.00	106.97 -7.26 0.00	94.43 -6.83 0.00	128.31 -9.50 0.00	94.76 -5.97 0.00	106.96 -9.45 0.67	128.37 -12.98 -0.05	161.85 -15.97 -0.29	66.81 -5.78 -2.30	55.26 -4.63 0.00	80.83 -8.44 -0.35	71.15 -7.64 -2.27	70.42 -7.65 -5.21	49.65 -3.70 -17.87	72.17 -7.53 -10.69	66.94 -6.69 -8.51	88.22 -11.15 1.99	60.49 -9.66 21.24	32.54 -3.99 5.87	32.56 -4.47 12.40	35.20 -4.71 9.26	36.77 -5.40 11.74	54.25 -6.31 6.71
HARZA MOOSE___RIVER 24016	93.37 2.45 0.00	118.47 3.08 0.00	117.19 2.96 0.00	103.96 2.70 0.00	141.37 3.56 0.00	103.89 3.16 0.00	120.60 3.51 0.00	145.48 4.17 0.00	182.92 5.38 0.00	72.67 2.38 0.00	61.93 2.04 0.00	91.87 2.87 -0.07	79.46 2.45 -0.49	76.45 2.47 -1.12	40.74 1.27 -3.98	73.21 1.91 -2.30	69.02 1.83 -2.07	105.24 3.16 -0.72	95.48 2.79 -1.29	44.12 0.93 -0.79	50.48 0.85 -0.20	49.82 0.65 0.00	54.23 0.24 -0.08	67.22 -0.05 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	89.75 -1.17 0.00	113.80 -1.59 0.00	112.57 -1.67 0.00	99.69 -1.57 0.00	135.73 -2.08 0.00	99.64 -1.09 0.00	115.98 -1.11 0.00	139.92 -1.41 -0.03	176.45 -1.26 -0.18	71.38 -0.34 -1.43	59.50 -0.39 0.00	88.42 -0.73 -0.22	77.27 -0.69 -1.44	75.49 -0.69 -3.31	46.98 -0.27 -11.76	75.16 -0.64 -6.79	70.68 -0.54 -6.10	102.53 -0.95 -2.11	94.48 -0.95 -4.03	44.32 -0.41 -2.33	49.46 -0.56 -0.60	48.48 -0.69 0.00	53.23 -0.90 -0.23	65.98 -1.29 0.00
HELLGATE_13_KV_LD 55870	100.74 7.45 -2.37	133.15 9.30 -8.46	131.30 8.82 -8.24	127.86 7.25 -19.35	166.19 10.37 -18.01	127.03 7.79 -18.51	205.48 10.61 -77.78	207.85 13.40 -53.15	314.23 17.56 -119.13	291.43 7.23 -213.91	90.42 5.59 -24.94	98.66 7.52 -2.21	97.24 6.23 -14.49	112.21 5.90 -33.45	157.44 2.93 -119.03	144.04 5.98 -69.06	132.83 5.90 -61.81	132.13 9.40 -21.37	140.57 8.43 -40.74	69.92 3.90 -23.62	60.10 4.63 -6.05	53.51 4.35 0.00	60.73 4.52 -2.31	72.14 4.87 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	100.74 7.45 -2.37	133.15 9.30 -8.46	131.30 8.82 -8.24	127.86 7.25 -19.35	166.19 10.37 -18.01	127.03 7.79 -18.51	205.48 10.61 -77.78	207.85 13.40 -53.15	314.23 17.56 -119.13	291.43 7.23 -213.91	90.42 5.59 -24.94	98.66 7.52 -2.21	97.24 6.23 -14.49	112.21 5.90 -33.45	157.44 2.93 -119.03	144.04 5.98 -69.06	132.83 5.90 -61.81	132.13 9.40 -21.37	140.57 8.43 -40.74	69.92 3.90 -23.62	60.10 4.63 -6.05	53.51 4.35 0.00	60.73 4.52 -2.31	72.14 4.87 0.00
HEMPSTEAD____ 23647	101.33 8.04 -2.37	135.37 10.68 -9.30	132.55 10.06 -8.25	129.22 8.60 -19.37	167.43 11.60 -18.02	143.20 9.42 -33.04	210.39 11.34 -81.96	220.83 14.26 -65.27	314.21 17.52 -119.15	290.92 6.67 -213.95	95.40 6.03 -29.48	99.09 7.96 -2.21	97.63 6.61 -14.49	112.81 6.49 -33.46	160.49 3.27 -121.73	149.35 6.74 -73.60	163.37 6.55 -91.70	163.35 10.25 -51.74	221.83 9.55 -120.89	139.47 4.52 -92.55	130.35 5.30 -75.62	109.54 5.01 -55.36	104.90 5.28 -45.71	72.79 5.51 0.00
HEWLETT_69_KV_BK3 55828	101.81 8.53 -2.37	135.39 11.34 -8.66	133.05 10.56 -8.25	129.71 9.10 -19.36	167.87 12.04 -18.02	132.74 10.16 -21.85	206.88 11.99 -77.79	210.09 15.01 -53.78	315.12 18.43 -119.15	291.20 6.96 -213.95	95.74 6.37 -29.48	99.59 8.45 -2.21	98.06 7.04 -14.50	113.19 6.86 -33.46	162.94 3.50 -123.95	157.82 7.21 -81.60	210.19 7.09 -137.99	162.86 11.23 -50.26	189.68 10.75 -87.53	193.81 4.96 -146.45	177.26 5.84 -121.98	132.98 5.59 -78.24	110.52 5.93 -50.67	73.59 6.32 0.00
HICKLING___1 23621	89.68 -1.78 -0.54	114.81 -2.50 -1.92	113.67 -2.45 -1.88	103.48 -2.18 -4.41	138.73 -3.18 -4.10	103.53 -1.41 -4.21	130.58 -2.12 -15.61	150.49 -2.71 -11.89	201.84 -1.62 -25.93	109.20 -0.59 -39.50	64.97 -0.57 -5.65	88.55 -0.95 -0.58	79.05 -1.26 -3.79	80.26 -1.33 -8.73	66.21 -0.64 -31.37	85.46 -1.45 -17.90	76.37 -1.42 -12.67	87.64 -2.72 11.01	27.99 -2.66 60.74	41.09 -1.21 0.10	25.97 -1.64 21.81	41.52 -1.77 5.87	24.08 -2.21 27.61	57.99 -3.10 6.17
HICKLING___2 23622	89.68 -1.78 -0.54	114.81 -2.50 -1.92	113.67 -2.45 -1.88	103.48 -2.18 -4.41	138.73 -3.18 -4.10	103.53 -1.41 -4.21	130.58 -2.12 -15.61	150.49 -2.71 -11.89	201.84 -1.62 -25.93	109.20 -0.59 -39.50	64.97 -0.57 -5.65	88.55 -0.95 -0.58	79.05 -1.26 -3.79	80.26 -1.33 -8.73	66.21 -0.64 -31.37	85.46 -1.45 -17.90	76.37 -1.42 -12.67	87.64 -2.72 11.01	27.99 -2.66 60.74	41.09 -1.21 0.10	25.97 -1.64 21.81	41.52 -1.77 5.87	24.08 -2.21 27.61	57.99 -3.10 6.17
HIGH FALLS___HY 23754	102.94 9.08 -2.94	137.41 11.51 -10.51	135.51 11.03 -10.24	134.85 9.55 -24.04	173.50 13.31 -22.38	134.03 10.30 -22.99	227.27 13.57 -96.62	223.64 16.86 -65.47	343.89 21.71 -144.65	318.21 8.83 -239.10	97.16 6.37 -30.90	99.49 8.39 -2.18	98.00 7.17 -14.31	112.36 5.48 -34.02	159.05 2.87 -120.70	144.23 6.19 -69.03	133.14 6.13 -61.89	132.74 9.98 -21.40	141.27 9.08 -40.79	70.25 4.20 -23.64	60.39 4.90 -6.05	53.77 4.61 0.00	60.98 4.76 -2.31	72.43 5.16 0.00
HIGH_RIVER___SOLAR 323847	111.20 4.17 -16.11	178.14 5.23 -57.53	175.33 5.03 -56.06	237.32 4.45 -131.61	266.54 6.22 -122.51	231.41 4.82 -125.86	652.05 6.03 -528.92	502.05 7.32 -353.43	948.63 9.31 -761.78	1142.72 3.64 -1068.79	231.59 2.92 -168.78	96.13 4.27 -2.93	99.41 3.65 -19.24	120.58 3.44 -44.27	194.37 1.69 -157.19	164.20 3.64 -91.55	151.77 3.48 -83.18	135.68 5.56 -28.76	151.22 5.00 -54.82	76.46 2.28 -31.78	60.17 2.60 -8.14	51.62 2.46 0.00	59.62 2.61 -3.11	70.18 2.91 0.00

HILLBURN___GT 23639	99.47 6.33 -2.22	131.37 8.05 -7.93	129.56 7.59 -7.73	125.84 6.43 -18.15	163.70 9.00 -16.90	124.93 6.84 -17.36	199.25 9.21 -72.95	202.49 11.36 -49.82	303.66 14.57 -111.56	275.53 6.02 -199.23	87.97 4.69 -23.39	97.31 6.30 -2.09	95.40 5.16 -13.72	109.39 4.83 -31.69	150.77 2.47 -112.81	139.62 5.06 -65.56	128.73 4.94 -58.67	129.70 8.05 -20.29	137.37 7.30 -38.67	68.22 3.40 -22.42	59.18 4.02 -5.74	52.90 3.74 0.00	59.97 3.87 -2.19	71.48 4.21 0.00
HILLSIDE_115KV_TB1 80332	88.86 -2.62 -0.56	113.91 -3.47 -1.99	112.63 -3.55 -1.94	102.62 -3.20 -4.56	137.66 -4.40 -4.25	102.57 -2.53 -4.36	130.12 -3.35 -16.38	149.29 -4.34 -12.33	200.85 -3.56 -26.87	109.87 -1.37 -40.95	64.44 -1.31 -5.86	87.77 -1.75 -0.60	78.57 -1.88 -3.92	80.12 -1.78 -9.03	67.05 -0.85 -32.42	85.62 -1.92 -18.53	76.67 -1.91 -13.46	88.27 -3.35 9.75	32.34 -3.14 55.91	41.32 -1.42 -0.33	27.14 -1.89 20.40	41.53 -1.95 5.68	25.66 -2.39 25.86	58.14 -3.23 5.89
HISHELDN_WT_PWR 323625	86.37 -4.93 -0.37	110.36 -6.36 -1.34	109.55 -5.98 -1.30	98.73 -5.59 -3.06	132.71 -7.94 -2.85	99.01 -4.65 -2.92	121.33 -7.08 -11.31	140.24 -9.31 -8.25	184.48 -11.01 -17.96	93.70 -3.96 -27.38	60.46 -3.34 -3.91	83.05 -6.28 -0.41	73.30 -5.91 -2.68	72.87 -6.17 -6.18	52.20 -2.99 -19.71	75.72 -5.96 -12.67	69.50 -5.40 -9.79	88.12 -9.44 3.80	42.26 -8.55 40.58	16.12 -4.01 22.27	16.46 -4.80 28.16	18.26 -4.97 25.93	25.89 -5.69 22.33	42.50 -7.00 17.76
HOLTSVILLE_IC_1 23690	102.89 9.60 -2.37	138.42 13.00 -10.03	134.73 12.24 -8.25	131.14 10.51 -19.37	170.03 14.19 -18.02	158.36 11.91 -45.71	216.94 13.17 -86.68	235.98 16.40 -78.27	316.59 19.90 -119.15	291.26 7.02 -213.95	96.26 6.89 -29.48	100.20 9.07 -2.21	98.36 7.35 -14.49	113.90 7.57 -33.46	161.70 3.93 -122.27	148.46 8.26 -71.20	156.35 8.02 -83.21	181.57 12.47 -67.74	280.29 11.99 -176.90	148.15 5.53 -100.22	143.17 6.48 -87.26	126.69 6.08 -71.44	125.50 6.51 -65.08	74.21 6.93 -0.01
HOLTSVILLE_IC_10 23699	103.39 10.10 -2.37	139.07 13.66 -10.02	135.33 12.84 -8.25	131.70 11.07 -19.37	170.85 15.01 -18.02	158.82 12.58 -45.51	217.48 13.79 -86.60	236.52 17.15 -78.06	317.54 20.86 -119.15	291.56 7.32 -213.95	96.59 7.22 -29.48	100.70 9.57 -2.21	98.74 7.73 -14.49	114.31 7.99 -33.46	161.90 4.14 -122.27	148.97 8.72 -71.25	156.99 8.48 -83.40	182.05 13.19 -67.49	280.05 12.65 -176.00	148.44 5.87 -100.17	143.44 6.86 -87.14	126.82 6.43 -71.23	125.58 6.88 -64.79	74.65 7.37 -0.01
HOLTSVILLE_IC_2 23691	102.89 9.60 -2.37	138.42 13.00 -10.03	134.73 12.24 -8.25	131.14 10.51 -19.37	170.03 14.19 -18.02	158.36 11.91 -45.71	216.94 13.17 -86.68	235.98 16.40 -78.27	316.59 19.90 -119.15	291.26 7.02 -213.95	96.26 6.89 -29.48	100.20 9.07 -2.21	98.36 7.35 -14.49	113.90 7.57 -33.46	161.70 3.93 -122.27	148.46 8.26 -71.20	156.35 8.02 -83.21	181.57 12.47 -67.74	280.29 11.99 -176.90	148.15 5.53 -100.22	143.17 6.48 -87.26	126.69 6.08 -71.44	125.50 6.51 -65.08	74.21 6.93 -0.01
HOLTSVILLE_IC_3 23692	102.89 9.60 -2.37	138.42 13.00 -10.03	134.73 12.24 -8.25	131.14 10.51 -19.37	170.03 14.19 -18.02	158.36 11.91 -45.71	216.94 13.17 -86.68	235.98 16.40 -78.27	316.59 19.90 -119.15	291.26 7.02 -213.95	96.26 6.89 -29.48	100.20 9.07 -2.21	98.36 7.35 -14.49	113.90 7.57 -33.46	161.70 3.93 -122.27	148.46 8.26 -71.20	156.35 8.02 -83.21	181.57 12.47 -67.74	280.29 11.99 -176.90	148.15 5.53 -100.22	143.17 6.48 -87.26	126.69 6.08 -71.44	125.50 6.51 -65.08	74.21 6.93 -0.01
HOLTSVILLE_IC_4 23693	102.89 9.60 -2.37	138.42 13.00 -10.03	134.73 12.24 -8.25	131.14 10.51 -19.37	170.03 14.19 -18.02	158.36 11.91 -45.71	216.94 13.17 -86.68	235.98 16.40 -78.27	316.59 19.90 -119.15	291.26 7.02 -213.95	96.26 6.89 -29.48	100.20 9.07 -2.21	98.36 7.35 -14.49	113.90 7.57 -33.46	161.70 3.93 -122.27	148.46 8.26 -71.20	156.35 8.02 -83.21	181.57 12.47 -67.74	280.29 11.99 -176.90	148.15 5.53 -100.22	143.17 6.48 -87.26	126.69 6.08 -71.44	125.50 6.51 -65.08	74.21 6.93 -0.01
HOLTSVILLE_IC_5 23694	102.89 9.60 -2.37	138.42 13.00 -10.03	134.73 12.24 -8.25	131.14 10.51 -19.37	170.03 14.19 -18.02	158.36 11.91 -45.71	216.94 13.17 -86.68	235.98 16.40 -78.27	316.59 19.90 -119.15	291.26 7.02 -213.95	96.26 6.89 -29.48	100.20 9.07 -2.21	98.36 7.35 -14.49	113.90 7.57 -33.46	161.70 3.93 -122.27	148.46 8.26 -71.20	156.35 8.02 -83.21	181.57 12.47 -67.74	280.29 11.99 -176.90	148.15 5.53 -100.22	143.17 6.48 -87.26	126.69 6.08 -71.44	125.50 6.51 -65.08	74.21 6.93 -0.01
HOLTSVILLE_IC_6 23695	103.39 10.10 -2.37	139.07 13.66 -10.02	135.33 12.84 -8.25	131.70 11.07 -19.37	170.85 15.01 -18.02	158.82 12.58 -45.51	217.48 13.79 -86.60	236.52 17.15 -78.06	317.54 20.86 -119.15	291.56 7.32 -213.95	96.59 7.22 -29.48	100.70 9.57 -2.21	98.74 7.73 -14.49	114.31 7.99 -33.46	161.90 4.14 -122.27	148.97 8.72 -71.25	156.99 8.48 -83.40	182.05 13.19 -67.49	280.05 12.65 -176.00	148.44 5.87 -100.17	143.44 6.86 -87.14	126.82 6.43 -71.23	125.58 6.88 -64.79	74.65 7.37 -0.01
HOLTSVILLE_IC_7 23696	103.39 10.10 -2.37	139.07 13.66 -10.02	135.33 12.84 -8.25	131.70 11.07 -19.37	170.85 15.01 -18.02	158.82 12.58 -45.51	217.48 13.79 -86.60	236.52 17.15 -78.06	317.54 20.86 -119.15	291.56 7.32 -213.95	96.59 7.22 -29.48	100.70 9.57 -2.21	98.74 7.73 -14.49	114.31 7.99 -33.46	161.90 4.14 -122.27	148.97 8.72 -71.25	156.99 8.48 -83.40	182.05 13.19 -67.49	280.05 12.65 -176.00	148.44 5.87 -100.17	143.44 6.86 -87.14	126.82 6.43 -71.23	125.58 6.88 -64.79	74.65 7.37 -0.01
HOLTSVILLE_IC_8 23697	103.39 10.10 -2.37	139.07 13.66 -10.02	135.33 12.84 -8.25	131.70 11.07 -19.37	170.85 15.01 -18.02	158.82 12.58 -45.51	217.48 13.79 -86.60	236.52 17.15 -78.06	317.54 20.86 -119.15	291.56 7.32 -213.95	96.59 7.22 -29.48	100.70 9.57 -2.21	98.74 7.73 -14.49	114.31 7.99 -33.46	161.90 4.14 -122.27	148.97 8.72 -71.25	156.99 8.48 -83.40	182.05 13.19 -67.49	280.05 12.65 -176.00	148.44 5.87 -100.17	143.44 6.86 -87.14	126.82 6.43 -71.23	125.58 6.88 -64.79	74.65 7.37 -0.01
HOLTSVILLE_IC_9 23698	103.39 10.10 -2.37	139.07 13.66 -10.02	135.33 12.84 -8.25	131.70 11.07 -19.37	170.85 15.01 -18.02	158.82 12.58 -45.51	217.48 13.79 -86.60	236.52 17.15 -78.06	317.54 20.86 -119.15	291.56 7.32 -213.95	96.59 7.22 -29.48	100.70 9.57 -2.21	98.74 7.73 -14.49	114.31 7.99 -33.46	161.90 4.14 -122.27	148.97 8.72 -71.25	156.99 8.48 -83.40	182.05 13.19 -67.49	280.05 12.65 -176.00	148.44 5.87 -100.17	143.44 6.86 -87.14	126.82 6.43 -71.23	125.58 6.88 -64.79	74.65 7.37 -0.01
HOMER_HL_115KV_TB2 355744	87.67 -3.64 -0.39	112.30 -4.50 -1.41	110.88 -4.74 -1.38	100.26 -4.23 -3.23	134.97 -5.86 -3.01	100.07 -3.76 -3.09	122.55 -6.52 -11.98	141.35 -8.68 -8.72	187.11 -9.40 -18.97	95.92 -3.30 -28.93	61.56 -2.46 -4.13	84.89 -4.47 -0.43	74.47 -4.87 -2.83	74.45 -4.93 -6.52	56.10 -2.37 -22.98	77.51 -4.88 -13.38	71.24 -4.24 -10.36	90.60 -6.84 3.92	56.28 -6.00 29.12	37.42 -2.92 2.07	32.94 -3.46 13.03	39.21 -3.55 6.40	35.19 -3.94 14.77	57.35 -4.64 5.28
HOWARD_WT_PWR 323690	86.86 -4.51 -0.45	110.83 -6.15 -1.60	111.10 -4.69 -1.56	100.98 -3.93 -3.66	135.09 -6.13 -3.40	101.22 -3.01 -3.50	125.73 -3.99 -12.63	146.84 -4.33 -9.86	195.49 -3.51 -21.47	101.64 -1.36 -32.71	63.55 -1.02 -4.68	86.83 -2.58 -0.48	76.43 -3.24 -3.15	76.09 -4.04 -7.26	61.90 -1.88 -28.29	80.45 -3.45 -14.90	71.65 -3.48 -10.01	82.48 -7.14 11.75	36.80 -6.13 48.47	59.21 -3.31 -20.12	39.71 -4.32 5.40	59.42 -4.65 -14.91	29.76 -5.32 18.82	67.22 -7.24 -7.19

HQ_GEN_CEDARS 23644	89.96 -0.96 0.00	114.24 -1.14 0.00	113.14 -1.09 0.00	100.65 -0.61 0.00	136.53 -1.29 0.00	99.07 -1.66 0.00	114.23 -2.86 0.00	137.32 -3.99 0.00	171.72 -5.81 0.00	68.08 -2.21 0.00	58.35 -1.54 0.00	85.83 -3.10 0.00	74.39 -2.13 0.00	70.87 -2.00 0.00	34.28 -1.20 0.00	67.16 -1.85 0.00	63.05 -2.06 0.00	98.32 -3.05 0.00	88.52 -2.87 0.00	41.00 -1.40 0.00	47.91 -1.51 0.00	48.21 -0.95 0.00	53.14 -0.77 0.00	67.05 -0.22 0.00
HQ_GEN_CEDARS_PROXY 323590	89.96 -0.96 0.00	114.24 -1.14 0.00	113.14 -1.09 0.00	100.65 -0.61 0.00	136.53 -1.29 0.00	99.07 -1.66 0.00	114.23 -2.86 0.00	137.32 -3.99 0.00	171.72 -5.81 0.00	68.08 -2.21 0.00	58.36 -1.54 0.00	85.82 -3.11 0.00	74.40 -2.12 0.00	70.88 -1.99 0.00	34.28 -1.21 0.00	67.16 -1.85 0.00	63.05 -2.06 0.00	98.34 -3.03 0.00	88.52 -2.88 0.00	41.00 -1.40 0.00	47.91 -1.51 0.00	48.21 -0.95 0.00	53.14 -0.77 0.00	67.05 -0.22 0.00
HQ_GEN_IMPORT 323601	89.73 -1.19 0.00	113.92 -1.47 0.00	112.98 -1.26 0.00	100.38 -0.88 0.00	136.41 -1.40 0.00	99.22 -1.51 0.00	102.78 -2.34 11.97	138.66 -2.65 0.00	173.64 -3.90 0.00	68.51 -1.77 0.00	58.58 -1.31 0.00	86.72 -2.20 0.00	74.76 -1.77 0.00	71.25 -1.61 0.00	34.61 -0.88 0.00	67.48 -1.53 0.00	63.60 -1.51 0.00	99.06 -2.31 0.00	89.31 -2.09 0.00	41.40 -1.01 0.00	48.33 -1.10 0.00	48.29 -0.87 0.00	53.10 -0.80 0.00	66.72 -0.55 0.00
HQ_GEN_WHEEL 23651	89.73 -1.19 0.00	113.92 -1.47 0.00	112.98 -1.26 0.00	100.38 -0.88 0.00	136.41 -1.40 0.00	99.22 -1.51 0.00	102.78 -2.34 11.97	138.66 -2.65 0.00	173.64 -3.90 0.00	68.51 -1.77 0.00	58.58 -1.31 0.00	86.72 -2.20 0.00	74.76 -1.77 0.00	71.25 -1.61 0.00	34.61 -0.88 0.00	67.48 -1.53 0.00	63.60 -1.51 0.00	99.06 -2.31 0.00	89.31 -2.09 0.00	41.40 -1.01 0.00	48.33 -1.10 0.00	48.29 -0.87 0.00	53.10 -0.80 0.00	66.72 -0.55 0.00
HUDSON AVE_GT_3 23810	100.67 7.39 -2.37	133.15 9.30 -8.46	131.20 8.71 -8.24	127.81 7.20 -19.35	166.03 10.21 -18.01	126.88 7.64 -18.50	205.28 10.42 -77.77	207.54 13.09 -53.14	313.74 17.09 -119.12	291.24 7.07 -213.89	90.35 5.52 -24.94	98.59 7.46 -2.20	97.19 6.18 -14.49	112.11 5.80 -33.45	157.35 2.87 -119.00	143.90 5.84 -69.05	132.60 5.68 -61.81	131.94 9.21 -21.37	140.41 8.28 -40.74	69.90 3.88 -23.61	60.05 4.57 -6.05	53.42 4.26 0.00	60.67 4.45 -2.31	72.11 4.83 0.00
HUDSON AVE_GT_4 23540	100.67 7.39 -2.37	133.15 9.30 -8.46	131.20 8.71 -8.24	127.81 7.20 -19.35	166.03 10.21 -18.01	126.88 7.64 -18.50	205.28 10.42 -77.77	207.54 13.09 -53.14	313.74 17.09 -119.12	291.24 7.07 -213.89	90.35 5.52 -24.94	98.59 7.46 -2.20	97.19 6.18 -14.49	112.11 5.80 -33.45	157.35 2.87 -119.00	143.90 5.84 -69.05	132.60 5.68 -61.81	131.94 9.21 -21.37	140.41 8.28 -40.74	69.90 3.88 -23.61	60.05 4.57 -6.05	53.42 4.26 0.00	60.67 4.45 -2.31	72.11 4.83 0.00
HUDSON AVE_GT_5 23657	100.67 7.39 -2.37	133.15 9.30 -8.46	131.20 8.71 -8.24	127.81 7.20 -19.35	166.03 10.21 -18.01	126.88 7.64 -18.50	205.28 10.42 -77.77	207.54 13.09 -53.14	313.74 17.09 -119.12	291.24 7.07 -213.89	90.35 5.52 -24.94	98.59 7.46 -2.20	97.19 6.18 -14.49	112.11 5.80 -33.45	157.35 2.87 -119.00	143.90 5.84 -69.05	132.60 5.68 -61.81	131.94 9.21 -21.37	140.41 8.28 -40.74	69.90 3.88 -23.61	60.05 4.57 -6.05	53.42 4.26 0.00	60.67 4.45 -2.31	72.11 4.83 0.00
HUDSON_AVE_10 24168	100.30 7.01 -2.37	132.64 8.79 -8.46	130.70 8.22 -8.24	127.32 6.71 -19.35	165.41 9.58 -18.01	126.40 7.17 -18.50	204.77 9.91 -77.77	206.91 12.46 -53.14	312.99 16.34 -119.12	290.91 6.73 -213.89	90.02 5.19 -24.94	98.11 6.97 -2.20	96.76 5.76 -14.49	111.72 5.41 -33.45	157.28 2.66 -119.14	143.50 5.44 -69.05	132.59 5.31 -62.16	131.81 8.70 -21.75	140.92 7.78 -41.75	69.69 3.67 -23.61	59.80 4.33 -6.05	53.18 4.01 0.00	60.46 4.24 -2.31	71.83 4.56 0.00
HUDSON___115KV_TB 4 355613	104.44 6.76 -6.76	148.09 8.57 -24.14	146.20 8.44 -23.52	163.69 7.20 -55.23	199.31 10.09 -51.41	160.78 7.23 -52.81	347.51 8.47 -221.95	300.09 10.28 -148.50	511.42 13.09 -320.80	532.59 4.82 -457.48	134.85 4.19 -70.77	97.33 5.74 -2.67	99.11 5.07 -17.51	118.12 4.78 -40.47	181.27 2.11 -143.67	156.72 4.20 -83.51	144.93 4.03 -75.79	133.90 6.34 -26.20	147.02 5.67 -49.95	73.98 2.62 -28.96	59.88 3.04 -7.41	52.13 2.97 0.00	60.06 3.32 -2.83	71.61 4.34 0.00
HUNTER MOUNT___DRP 323613	104.01 7.22 -5.87	145.41 9.06 -20.96	143.62 8.96 -20.42	156.87 7.66 -47.95	193.20 10.76 -44.63	154.39 7.80 -45.85	319.00 9.21 -192.70	281.53 11.17 -129.05	471.03 14.22 -279.27	478.29 4.78 -403.22	125.89 4.54 -61.46	97.98 6.46 -2.59	99.23 5.66 -17.04	117.73 5.30 -39.56	178.19 2.30 -140.41	155.06 4.65 -81.40	143.35 4.48 -73.77	133.96 7.09 -25.50	146.33 6.32 -48.62	73.47 2.88 -28.18	60.00 3.36 -7.22	52.45 3.29 0.00	60.30 3.64 -2.76	71.96 4.69 0.00
HUNTINGTON_RES_REC 323705	102.44 9.16 -2.37	137.64 12.23 -10.02	133.93 11.44 -8.25	130.47 9.84 -19.37	168.98 13.15 -18.02	157.21 11.05 -45.43	216.10 12.43 -86.58	234.72 15.43 -77.98	315.25 18.56 -119.15	291.00 6.75 -213.95	96.02 6.65 -29.48	99.87 8.74 -2.21	98.16 7.15 -14.49	113.59 7.27 -33.46	161.47 3.74 -122.25	147.99 7.74 -71.25	155.89 7.44 -83.34	180.17 11.45 -67.35	277.91 10.92 -175.60	147.47 5.08 -99.98	142.35 5.98 -86.94	125.91 5.70 -71.05	124.68 6.15 -64.63	73.85 6.58 -0.01
HUNTLEY___63 23557	86.57 -4.34 0.00	109.83 -5.56 0.00	108.78 -5.46 0.00	96.03 -5.22 0.00	130.40 -7.41 0.00	96.36 -4.38 0.00	108.77 -7.61 0.72	130.77 -10.58 -0.05	164.97 -12.86 -0.30	68.11 -4.56 -2.39	56.14 -3.75 0.00	82.16 -7.12 -0.36	72.36 -6.51 -2.35	71.67 -6.59 -5.40	50.80 -3.18 -18.49	73.52 -6.57 -11.08	68.08 -5.83 -8.80	89.27 -9.88 2.22	59.90 -8.64 22.85	32.31 -3.66 6.43	31.98 -4.16 13.29	34.81 -4.41 9.93	36.31 -5.05 12.54	54.13 -5.94 7.20
HUNTLEY___64 23558	86.57 -4.34 0.00	109.83 -5.56 0.00	108.78 -5.46 0.00	96.03 -5.22 0.00	130.40 -7.41 0.00	96.36 -4.38 0.00	108.77 -7.61 0.72	130.77 -10.58 -0.05	164.97 -12.86 -0.30	68.11 -4.56 -2.39	56.14 -3.75 0.00	82.16 -7.12 -0.36	72.36 -6.51 -2.35	71.67 -6.59 -5.40	50.80 -3.18 -18.49	73.52 -6.57 -11.08	68.08 -5.83 -8.80	89.27 -9.88 2.22	59.90 -8.64 22.85	32.31 -3.66 6.43	31.98 -4.16 13.29	34.81 -4.41 9.93	36.31 -5.05 12.54	54.13 -5.94 7.20
HUNTLEY___65 23559	86.57 -4.34 0.00	109.83 -5.56 0.00	108.78 -5.46 0.00	96.03 -5.22 0.00	130.40 -7.41 0.00	96.36 -4.38 0.00	108.77 -7.61 0.72	130.77 -10.58 -0.05	164.97 -12.86 -0.30	68.11 -4.56 -2.39	56.14 -3.75 0.00	82.16 -7.12 -0.36	72.36 -6.51 -2.35	71.67 -6.59 -5.40	50.80 -3.18 -18.49	73.52 -6.57 -11.08	68.08 -5.83 -8.80	89.27 -9.88 2.22	59.90 -8.64 22.85	32.31 -3.66 6.43	31.98 -4.16 13.29	34.81 -4.41 9.93	36.31 -5.05 12.54	54.13 -5.94 7.20
HUNTLEY___66 23560	86.57 -4.34 0.00	109.83 -5.56 0.00	108.78 -5.46 0.00	96.03 -5.22 0.00	130.40 -7.41 0.00	96.36 -4.38 0.00	108.77 -7.61 0.72	130.77 -10.58 -0.05	164.97 -12.86 -0.30	68.11 -4.56 -2.39	56.14 -3.75 0.00	82.16 -7.12 -0.36	72.36 -6.51 -2.35	71.67 -6.59 -5.40	50.80 -3.18 -18.49	73.52 -6.57 -11.08	68.08 -5.83 -8.80	89.27 -9.88 2.22	59.90 -8.64 22.85	32.31 -3.66 6.43	31.98 -4.16 13.29	34.81 -4.41 9.93	36.31 -5.05 12.54	54.13 -5.94 7.20

HUNTLEY___67 23561	86.10 -4.81 0.00	109.20 -6.19 0.00	108.17 -6.07 0.00	95.52 -5.73 0.00	129.77 -8.04 0.00	95.84 -4.90 0.00	108.26 -8.09 0.74	130.18 -11.18 -0.05	164.25 -13.59 -0.30	67.81 -4.91 -2.44	55.81 -4.08 0.00	81.83 -7.46 -0.36	72.11 -6.81 -2.39	71.50 -6.87 -5.51	50.93 -3.30 -18.74	73.50 -6.80 -11.30	67.94 -6.12 -8.94	88.58 -10.41 2.37	57.63 -9.32 24.45	30.64 -4.10 7.65	30.20 -4.70 14.53	33.06 -4.91 11.20	34.94 -5.56 13.41	52.70 -6.53 8.04
HUNTLEY___68 23562	86.10 -4.81 0.00	109.20 -6.19 0.00	108.17 -6.07 0.00	95.52 -5.73 0.00	129.77 -8.04 0.00	95.84 -4.90 0.00	108.26 -8.09 0.74	130.18 -11.18 -0.05	164.25 -13.59 -0.30	67.81 -4.91 -2.44	55.81 -4.08 0.00	81.83 -7.46 -0.36	72.11 -6.81 -2.39	71.50 -6.87 -5.51	50.93 -3.30 -18.74	73.50 -6.80 -11.30	67.94 -6.12 -8.94	88.58 -10.41 2.37	57.63 -9.32 24.45	30.64 -4.10 7.65	30.20 -4.70 14.53	33.06 -4.91 11.20	34.94 -5.56 13.41	52.70 -6.53 8.04
HYLAND___LFGE 323620	93.23 1.95 -0.36	118.65 1.96 -1.30	117.70 2.20 -1.27	106.09 1.86 -2.98	142.98 2.40 -2.77	106.61 3.03 -2.85	126.07 -1.86 -10.84	144.92 -4.41 -8.02	190.62 -4.36 -17.44	94.76 -2.13 -26.60	62.44 -1.25 -3.80	85.13 -4.19 -0.40	75.47 -3.66 -2.60	74.48 -4.37 -5.99	57.79 -1.76 -24.07	77.52 -3.77 -12.29	71.27 -3.05 -9.21	89.72 -6.55 5.09	71.45 -4.89 15.06	67.87 -1.11 -26.57	59.09 1.25 -8.41	70.95 -0.20 -21.99	48.81 -0.73 4.37	78.87 -1.22 -12.82
INDECK___CORINTH 23802	110.51 4.11 -15.49	175.83 5.12 -55.32	173.18 5.04 -53.91	232.53 4.71 -126.56	261.83 6.21 -117.81	226.55 4.80 -121.02	632.12 6.41 -508.62	489.21 7.99 -339.91	921.20 10.80 -732.86	1104.82 4.22 -1030.32	225.54 3.39 -162.26	96.08 4.32 -2.83	98.78 3.65 -18.61	119.20 3.51 -42.82	189.24 1.71 -152.04	161.29 3.74 -88.55	149.13 3.57 -80.45	134.84 5.66 -27.81	149.50 5.08 -53.02	75.48 2.34 -30.74	59.91 2.61 -7.87	51.57 2.41 0.00	59.42 2.52 -3.00	69.93 2.66 0.00
INDECK___ILION 23567	93.17 2.25 0.00	118.23 2.84 0.00	116.88 2.65 0.00	103.45 2.19 0.00	140.96 3.15 0.00	103.35 2.61 0.00	120.65 3.56 0.00	145.61 4.30 0.00	183.26 5.72 0.00	72.58 2.30 0.00	61.58 1.70 0.00	91.70 2.77 0.00	78.90 2.38 0.00	75.07 2.21 0.00	36.59 1.11 0.00	71.05 2.04 0.00	67.08 1.97 0.00	104.41 3.05 0.00	94.11 2.72 0.00	43.65 1.25 0.00	50.81 1.38 0.00	50.37 1.21 0.00	55.21 1.30 0.00	68.60 1.33 0.00
INDECK___OLEAN 23982	87.65 -3.67 -0.39	112.27 -4.53 -1.41	110.87 -4.74 -1.38	100.26 -4.23 -3.23	135.00 -5.83 -3.01	100.05 -3.78 -3.09	122.57 -6.50 -11.98	141.40 -8.63 -8.72	187.23 -9.27 -18.97	95.98 -3.23 -28.93	61.63 -2.39 -4.13	84.90 -4.46 -0.43	74.47 -4.87 -2.83	74.47 -4.92 -6.52	56.11 -2.36 -22.98	77.52 -4.87 -13.38	71.25 -4.22 -10.36	90.53 -6.91 3.92	56.28 -5.99 29.12	37.40 -2.93 2.07	32.89 -3.51 13.03	39.20 -3.56 6.40	35.18 -3.95 14.77	57.35 -4.64 5.28
INDECK___OSWEGO 23783	87.12 -3.80 0.00	110.54 -4.85 0.00	109.47 -4.77 0.00	96.89 -4.37 0.00	131.90 -5.91 0.00	96.72 -4.02 0.00	112.59 -4.50 0.00	135.90 -5.40 0.00	171.05 -6.49 0.00	67.86 -2.43 0.00	57.73 -2.16 0.00	85.83 -3.26 -0.16	74.75 -2.81 -1.04	72.59 -2.68 -2.40	42.82 -1.20 -8.53	71.91 -2.02 -4.93	67.74 -1.80 -4.43	100.10 -2.79 -1.53	91.68 -2.66 -2.95	42.94 -1.15 -1.69	48.43 -1.43 -0.43	47.62 -1.54 0.00	52.25 -1.82 -0.17	64.85 -2.42 0.00
INDECK___YERKES 23781	86.66 -4.26 0.00	109.94 -5.45 0.00	108.89 -5.35 0.00	96.12 -5.14 0.00	130.58 -7.23 0.00	96.45 -4.28 0.00	108.96 -7.42 0.72	131.02 -10.34 -0.05	165.37 -12.46 -0.30	68.29 -4.39 -2.39	56.28 -3.61 0.00	82.24 -7.04 -0.36	72.43 -6.44 -2.35	71.72 -6.55 -5.40	50.86 -3.12 -18.49	73.61 -6.48 -11.08	68.18 -5.73 -8.80	89.35 -9.80 2.22	60.02 -8.52 22.85	32.34 -3.63 6.43	31.98 -4.15 13.29	34.87 -4.36 9.93	36.35 -5.01 12.54	54.20 -5.87 7.20
INDIAN POINT_GT_1 24139	99.86 6.61 -2.34	132.15 8.42 -8.35	130.35 7.98 -8.13	127.10 6.74 -19.10	165.01 9.42 -17.78	126.14 7.14 -18.27	203.39 9.53 -76.76	205.55 11.80 -52.44	310.30 15.23 -117.53	287.39 6.27 -210.83	89.40 4.90 -24.61	97.67 6.56 -2.18	96.27 5.42 -14.33	111.04 5.10 -33.08	155.76 2.55 -117.72	142.56 5.24 -68.31	131.40 5.14 -61.14	130.81 8.31 -21.14	139.19 7.50 -40.30	69.26 3.50 -23.36	59.52 4.11 -5.98	53.00 3.84 0.00	60.19 4.00 -2.28	71.62 4.35 0.00
INDIAN POINT_GT_2 23659	99.86 6.61 -2.34	132.15 8.42 -8.35	130.35 7.98 -8.13	127.10 6.74 -19.10	165.01 9.42 -17.78	126.14 7.14 -18.27	203.39 9.53 -76.76	205.55 11.80 -52.44	310.30 15.23 -117.53	287.39 6.27 -210.83	89.40 4.90 -24.61	97.67 6.56 -2.18	96.27 5.42 -14.33	111.04 5.10 -33.08	155.76 2.55 -117.72	142.56 5.24 -68.31	131.40 5.14 -61.14	130.81 8.31 -21.14	139.19 7.50 -40.30	69.26 3.50 -23.36	59.52 4.11 -5.98	53.00 3.84 0.00	60.19 4.00 -2.28	71.62 4.35 0.00
INDIAN POINT_GT_3 24019	99.86 6.61 -2.34	132.15 8.42 -8.35	130.35 7.98 -8.13	127.10 6.74 -19.10	165.01 9.42 -17.78	126.14 7.14 -18.27	203.39 9.53 -76.76	205.55 11.80 -52.44	310.30 15.23 -117.53	287.39 6.27 -210.83	89.40 4.90 -24.61	97.67 6.56 -2.18	96.27 5.42 -14.33	111.04 5.10 -33.08	155.76 2.55 -117.72	142.56 5.24 -68.31	131.40 5.14 -61.14	130.81 8.31 -21.14	139.19 7.50 -40.30	69.26 3.50 -23.36	59.52 4.11 -5.98	53.00 3.84 0.00	60.19 4.00 -2.28	71.62 4.35 0.00
INDIAN POINT___2 23530	99.61 6.40 -2.29	131.74 8.16 -8.19	129.90 7.68 -7.98	126.47 6.48 -18.74	164.31 9.06 -17.44	125.53 6.88 -17.92	201.64 9.25 -75.29	204.14 11.40 -51.43	307.50 14.72 -115.24	282.74 6.06 -206.39	88.75 4.72 -24.14	97.40 6.32 -2.14	95.83 5.21 -14.10	110.31 4.89 -32.55	153.80 2.47 -115.85	141.34 5.06 -67.28	130.29 4.96 -60.22	130.22 8.04 -20.82	138.36 7.28 -39.69	68.81 3.40 -23.00	59.32 4.00 -5.89	52.89 3.72 0.00	60.03 3.88 -2.25	71.48 4.21 0.00
INDIAN POINT___3 23531	99.57 6.33 -2.32	131.73 8.05 -8.29	129.96 7.64 -8.08	126.67 6.45 -18.97	164.49 9.02 -17.66	125.71 6.84 -18.14	202.50 9.18 -76.23	204.68 11.30 -52.08	308.81 14.58 -116.70	285.50 5.99 -209.22	89.01 4.68 -24.44	97.35 6.26 -2.17	95.93 5.16 -14.24	110.59 4.84 -32.89	154.96 2.44 -117.04	141.95 5.02 -67.93	130.82 4.90 -60.80	130.33 7.95 -21.02	138.66 7.19 -40.07	68.99 3.36 -23.23	59.33 3.95 -5.95	52.86 3.69 0.00	60.01 3.84 -2.27	71.43 4.17 0.00
INGHAM_C_115KV_TB7 356103	95.06 4.15 0.00	120.63 5.25 0.00	119.08 4.84 0.00	105.27 4.01 0.00	143.44 5.63 0.00	105.50 4.77 0.00	123.57 6.48 0.00	149.28 7.97 0.00	188.19 10.66 0.00	74.44 4.16 0.00	62.89 3.00 0.00	93.69 4.76 0.00	80.69 4.17 0.00	76.73 3.86 0.00	37.41 1.92 0.00	72.60 3.59 0.00	68.58 3.47 0.00	106.79 5.43 0.00	96.21 4.81 0.00	44.63 2.23 0.00	51.89 2.46 0.00	51.28 2.12 0.00	56.24 2.33 0.00	69.71 2.44 0.00
IP CORINTH___1 23988	111.00 4.59 -15.49	176.44 5.74 -55.32	173.80 5.66 -53.91	233.07 5.26 -126.56	262.60 6.99 -117.81	227.13 5.38 -121.02	632.77 7.06 -508.62	489.99 8.76 -339.91	922.10 11.71 -732.86	1105.20 4.60 -1030.32	225.88 3.73 -162.26	96.56 4.80 -2.83	99.20 4.07 -18.61	119.58 3.89 -42.82	189.43 1.91 -152.04	161.68 4.12 -88.55	149.48 3.91 -80.45	135.40 6.22 -27.81	150.00 5.58 -53.02	75.72 2.58 -30.74	60.18 2.88 -7.87	51.83 2.67 0.00	59.70 2.79 -3.00	70.28 3.01 0.00

IP___TICONDEROGA 23804	114.94 8.67 -15.35	181.33 11.11 -54.84	178.86 11.20 -53.43	237.28 10.58 -125.45	268.25 13.67 -116.77	231.12 10.43 -119.96	634.60 13.36 -504.14	495.00 16.76 -336.93	926.43 22.44 -726.46	1100.26 8.37 -1021.60	227.76 7.04 -160.83	99.59 7.83 -2.83	101.60 6.49 -18.58	121.90 6.26 -42.77	190.42 3.08 -151.85	164.78 7.33 -88.44	152.35 6.88 -80.35	140.26 11.11 -27.78	154.36 10.01 -52.96	77.80 4.70 -30.70	62.30 5.01 -7.86	53.75 4.59 0.00	61.84 4.94 -3.00	72.71 5.44 0.00
ISLIP_RES_REC 323679	103.81 10.52 -2.37	139.60 14.20 -10.01	135.85 13.36 -8.25	132.15 11.51 -19.37	171.42 15.59 -18.02	159.17 13.06 -45.37	218.07 14.42 -86.55	237.18 17.95 -77.92	318.55 21.86 -119.15	291.91 7.67 -213.95	96.89 7.53 -29.48	101.09 9.96 -2.21	99.05 8.03 -14.49	114.62 8.30 -33.46	162.06 4.31 -122.26	149.36 9.07 -71.28	157.47 8.82 -83.53	182.46 13.76 -67.33	279.99 13.17 -175.42	148.65 6.10 -100.16	143.63 7.12 -87.08	126.95 6.69 -71.10	125.66 7.14 -64.61	74.94 7.67 -0.01
JAMAICA__27_KV_LOAD 355505	100.61 7.33 -2.37	133.01 9.17 -8.46	130.95 8.47 -8.24	127.47 6.87 -19.35	165.74 9.92 -18.01	126.59 7.35 -18.50	205.15 10.28 -77.77	207.47 13.02 -53.14	313.55 16.90 -119.12	291.12 6.94 -213.89	90.01 5.18 -24.94	98.11 6.97 -2.20	96.72 5.71 -14.49	111.64 5.32 -33.45	157.27 2.59 -119.19	143.36 5.30 -69.05	132.55 5.20 -62.24	131.98 8.78 -21.84	141.11 7.74 -41.98	69.75 3.73 -23.61	59.84 4.37 -6.05	53.23 4.06 0.00	60.66 4.44 -2.31	72.04 4.77 0.00
JANIS___SOLAR 323808	96.65 4.92 -0.82	124.23 5.93 -2.91	122.82 5.75 -2.84	112.91 5.00 -6.66	151.02 7.01 -6.20	113.33 6.22 -6.37	153.52 7.64 -28.79	168.39 9.12 -17.96	229.18 12.64 -39.01	133.55 5.11 -58.15	72.43 4.00 -8.54	95.16 5.61 -0.62	85.00 4.40 -4.08	86.45 4.18 -9.41	71.30 2.21 -33.61	92.65 4.35 -19.30	90.00 4.22 -20.66	129.83 6.41 -22.05	180.89 5.57 -83.93	62.75 2.28 -18.07	80.24 2.28 -28.53	61.73 1.60 -10.97	85.34 1.27 -30.17	77.84 1.20 -9.37
JARVIS____ 23743	91.65 0.73 0.00	116.32 0.93 0.00	115.14 0.90 0.00	101.97 0.71 0.00	138.88 1.08 0.00	101.64 0.91 0.00	118.35 1.25 0.00	142.72 1.41 0.00	179.37 1.83 0.00	71.10 0.81 0.00	60.52 0.63 0.00	90.00 1.08 0.00	77.44 0.92 0.00	73.74 0.88 0.00	35.92 0.43 0.00	69.73 0.72 0.00	65.82 0.70 0.00	102.46 1.09 0.00	92.40 1.00 0.00	42.84 0.44 0.00	49.92 0.49 0.00	49.57 0.40 0.00	54.34 0.44 0.00	67.68 0.41 0.00
JENNISON___1 23625	96.74 4.53 -1.29	125.44 5.44 -4.61	124.00 5.27 -4.49	116.32 4.52 -10.55	154.27 6.63 -9.82	117.14 6.32 -10.09	167.48 7.56 -42.82	178.08 8.34 -28.44	251.14 11.87 -61.74	166.41 5.07 -91.06	77.57 4.14 -13.55	95.89 6.16 -0.79	86.65 4.92 -5.21	89.47 4.61 -12.00	80.57 2.47 -42.61	98.44 4.83 -24.61	92.49 4.55 -22.83	118.90 6.46 -11.07	126.70 5.52 -29.80	54.95 2.06 -10.49	58.93 1.92 -7.58	52.14 1.03 -1.95	61.51 0.64 -6.96	69.39 0.37 -1.75
JENNISON___2 23626	96.74 4.53 -1.29	125.44 5.44 -4.61	124.00 5.27 -4.49	116.32 4.52 -10.55	154.27 6.63 -9.82	117.14 6.32 -10.09	167.48 7.56 -42.82	178.08 8.34 -28.44	251.14 11.87 -61.74	166.41 5.07 -91.06	77.57 4.14 -13.55	95.89 6.16 -0.79	86.65 4.92 -5.21	89.47 4.61 -12.00	80.57 2.47 -42.61	98.44 4.83 -24.61	92.49 4.55 -22.83	118.90 6.46 -11.07	126.70 5.52 -29.80	54.95 2.06 -10.49	58.93 1.92 -7.58	52.14 1.03 -1.95	61.51 0.64 -6.96	69.39 0.37 -1.75
JERICHO_RISE_WT_PWR 323719	90.73 -0.19 0.00	115.21 -0.18 0.00	114.29 0.06 0.00	101.60 0.34 0.00	137.75 -0.06 0.00	99.91 -0.82 0.00	115.24 -1.85 0.00	138.89 -2.41 0.00	173.66 -3.87 0.00	68.77 -1.52 0.00	58.93 -0.95 0.00	86.91 -2.02 0.00	75.05 -1.47 0.00	71.52 -1.35 0.00	34.68 -0.81 0.00	67.68 -1.32 0.00	63.95 -1.17 0.00	99.54 -1.82 0.00	89.45 -1.94 0.00	41.45 -0.96 0.00	48.25 -1.17 0.00	48.20 -0.97 0.00	52.88 -1.03 0.00	66.72 -0.55 0.00
KATONAH___115KV_46KV_TB4 355592	101.00 7.67 -2.42	133.77 9.76 -8.63	131.91 9.26 -8.41	128.89 7.89 -19.75	167.26 11.07 -18.38	128.04 8.42 -18.88	207.51 11.05 -79.36	209.20 13.67 -54.22	316.67 17.61 -121.52	295.43 7.16 -217.99	90.95 5.61 -25.45	98.73 7.57 -2.23	97.45 6.26 -14.66	112.66 5.90 -33.90	159.02 2.93 -120.60	144.89 5.98 -69.90	133.58 5.90 -62.56	132.42 9.43 -21.63	141.22 8.59 -41.24	70.30 3.99 -23.90	60.20 4.65 -6.12	53.53 4.36 0.00	60.81 4.56 -2.34	72.28 5.00 0.00
KCE_NY_1 323755	111.75 5.67 -15.16	176.79 7.25 -54.15	174.10 7.10 -52.76	231.50 6.36 -123.88	261.75 8.63 -115.31	225.81 6.62 -118.46	623.14 8.21 -497.84	483.91 9.87 -332.73	907.80 12.83 -717.44	1084.76 5.15 -1009.33	222.88 4.18 -158.81	97.66 5.92 -2.82	100.09 5.02 -18.55	120.36 4.80 -42.70	189.46 2.38 -151.59	161.94 4.64 -88.29	149.79 4.47 -80.21	136.17 7.08 -27.73	150.64 6.39 -52.86	75.99 2.95 -30.64	60.64 3.37 -7.85	52.38 3.21 0.00	60.40 3.50 -3.00	71.20 3.93 0.00
KCE_NY_6_ESR 323823	87.22 -4.05 -0.35	111.34 -5.28 -1.24	110.30 -5.15 -1.21	99.25 -4.84 -2.84	133.59 -6.86 -2.64	99.50 -3.94 -2.71	121.00 -6.68 -10.59	139.65 -9.31 -7.64	183.15 -11.02 -16.64	91.81 -3.86 -25.38	60.33 -3.18 -3.63	83.09 -6.22 -0.38	73.20 -5.82 -2.50	72.59 -6.03 -5.75	52.19 -2.87 -19.57	74.85 -5.95 -11.79	69.10 -5.31 -9.29	89.51 -9.17 2.68	56.84 -8.12 26.43	30.65 -3.63 8.12	29.68 -4.25 15.49	32.91 -4.44 11.81	34.45 -5.09 14.36	52.76 -6.01 8.50
KEDC_PORT_JEFF_GT2 24210	103.27 9.98 -2.37	138.91 13.50 -10.03	135.18 12.69 -8.25	131.55 10.92 -19.37	170.60 14.77 -18.02	158.69 12.38 -45.57	217.41 13.69 -86.63	236.45 17.01 -78.13	316.69 20.00 -119.15	291.26 7.02 -213.95	96.49 7.12 -29.48	100.56 9.43 -2.21	98.64 7.63 -14.49	114.19 7.87 -33.46	161.87 4.11 -122.27	148.83 8.60 -71.23	156.73 8.29 -83.32	181.63 12.70 -67.56	279.89 12.22 -176.28	148.34 5.77 -100.16	143.36 6.76 -87.16	126.79 6.34 -71.28	125.59 6.80 -64.87	74.54 7.26 -0.01
KEDC_PORT_JEFF_GT3 24211	103.27 9.98 -2.37	138.91 13.50 -10.03	135.18 12.69 -8.25	131.55 10.92 -19.37	170.60 14.77 -18.02	158.69 12.38 -45.57	217.41 13.69 -86.63	236.45 17.01 -78.13	316.69 20.00 -119.15	291.26 7.02 -213.95	96.49 7.12 -29.48	100.56 9.43 -2.21	98.64 7.63 -14.49	114.19 7.87 -33.46	161.87 4.11 -122.27	148.83 8.60 -71.23	156.73 8.29 -83.32	181.63 12.70 -67.56	279.89 12.22 -176.28	148.34 5.77 -100.16	143.36 6.76 -87.16	126.79 6.34 -71.28	125.59 6.80 -64.87	74.54 7.26 -0.01
KEDC_GLWD_GT4 24219	100.82 7.53 -2.37	134.67 10.20 -9.08	132.41 9.93 -8.25	129.08 8.47 -19.36	167.35 11.52 -18.02	138.48 8.54 -29.20	208.30 10.67 -80.53	215.98 13.34 -61.32	313.52 16.84 -119.15	290.85 6.61 -213.95	95.27 5.90 -29.48	99.00 7.86 -2.21	97.55 6.53 -14.49	112.64 6.32 -33.46	159.80 3.15 -121.16	148.77 6.50 -73.27	158.90 6.33 -87.45	155.98 9.87 -44.74	201.68 8.95 -101.34	126.11 4.39 -79.32	116.44 5.11 -61.90	97.73 4.76 -43.81	94.70 4.94 -35.85	72.37 5.09 0.00
KEDC_GLWD_GT5 24220	100.82 7.53 -2.37	134.67 10.20 -9.08	132.41 9.93 -8.25	129.08 8.47 -19.36	167.35 11.52 -18.02	138.48 8.54 -29.20	208.30 10.67 -80.53	215.98 13.34 -61.32	313.52 16.84 -119.15	290.85 6.61 -213.95	95.27 5.90 -29.48	99.00 7.86 -2.21	97.55 6.53 -14.49	112.64 6.32 -33.46	159.80 3.15 -121.16	148.77 6.50 -73.27	158.90 6.33 -87.45	155.98 9.87 -44.74	201.68 8.95 -101.34	126.11 4.39 -79.32	116.44 5.11 -61.90	97.73 4.76 -43.81	94.70 4.94 -35.85	72.37 5.09 0.00

KENSICO____ 23655	100.25 6.97 -2.36	132.68 8.85 -8.44	130.82 8.36 -8.22	127.63 7.06 -19.31	165.66 9.87 -17.97	126.68 7.48 -18.46	204.65 9.97 -77.59	206.69 12.36 -53.02	312.35 15.97 -118.84	290.18 6.53 -213.36	89.93 5.16 -24.88	98.05 6.93 -2.20	96.73 5.74 -14.46	111.66 5.41 -33.38	156.97 2.69 -118.79	143.43 5.51 -68.91	132.20 5.40 -61.68	131.39 8.70 -21.33	139.92 7.86 -40.66	69.65 3.68 -23.57	59.77 4.31 -6.03	53.20 4.03 0.00	60.42 4.21 -2.30	71.87 4.61 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	102.13 8.59 -2.62	135.65 10.90 -9.36	133.78 10.42 -9.12	131.71 9.04 -21.42	170.33 12.57 -19.94	130.93 9.71 -20.48	215.92 12.73 -86.10	215.58 15.82 -58.45	327.48 20.37 -129.58	297.01 8.25 -218.47	93.38 5.94 -27.55	98.87 7.85 -2.09	97.04 6.76 -13.76	110.77 5.42 -32.49	153.63 2.80 -115.35	141.20 6.00 -66.20	130.36 5.92 -59.32	131.52 9.64 -20.51	139.23 8.74 -39.10	69.12 4.05 -22.66	59.96 4.73 -5.80	53.60 4.44 0.00	60.74 4.62 -2.21	72.31 5.04 0.00
KIAC_JFK_GT1 23816	99.64 6.35 -2.37	131.98 8.13 -8.46	129.92 7.44 -8.24	126.56 5.96 -19.35	164.48 8.66 -18.01	125.55 6.31 -18.50	203.89 9.03 -77.77	205.93 11.48 -53.14	311.62 14.97 -119.12	290.37 6.20 -213.89	89.37 4.55 -24.94	97.18 6.05 -2.20	95.94 4.93 -14.49	110.91 4.60 -33.45	156.91 2.23 -119.19	142.65 4.59 -69.05	131.88 4.52 -62.24	130.89 7.69 -21.84	140.11 6.74 -41.98	69.29 3.27 -23.61	59.31 3.84 -6.05	52.71 3.54 0.00	60.10 3.89 -2.31	71.34 4.07 0.00
KIAC_JFK_GT2 23817	99.64 6.35 -2.37	131.98 8.13 -8.46	129.92 7.44 -8.24	126.56 5.96 -19.35	164.48 8.66 -18.01	125.55 6.31 -18.50	203.89 9.03 -77.77	205.93 11.48 -53.14	311.62 14.97 -119.12	290.37 6.20 -213.89	89.37 4.55 -24.94	97.18 6.05 -2.20	95.94 4.93 -14.49	110.91 4.60 -33.45	156.91 2.23 -119.19	142.65 4.59 -69.05	131.88 4.52 -62.24	130.89 7.69 -21.84	140.11 6.74 -41.98	69.29 3.27 -23.61	59.31 3.84 -6.05	52.71 3.54 0.00	60.10 3.89 -2.31	71.34 4.07 0.00
KIAC_JFK____ 323774	99.63 6.35 -2.37	131.97 8.13 -8.46	129.92 7.44 -8.24	126.56 5.95 -19.35	164.48 8.66 -18.01	125.54 6.31 -18.50	203.90 9.03 -77.77	205.91 11.46 -53.14	311.61 14.95 -119.12	290.37 6.19 -213.89	89.36 4.53 -24.94	97.19 6.06 -2.20	95.94 4.94 -14.49	110.90 4.59 -33.45	156.91 2.23 -119.19	142.54 4.48 -69.05	131.82 4.47 -62.24	130.89 7.69 -21.84	140.11 6.74 -41.98	69.30 3.29 -23.61	59.31 3.84 -6.05	52.71 3.54 0.00	60.11 3.90 -2.31	71.33 4.06 0.00
KINTIGH____ 23543	86.70 -4.21 0.00	110.05 -5.34 0.00	108.95 -5.29 0.00	96.27 -4.98 0.00	130.94 -6.87 0.00	96.45 -4.29 0.00	109.50 -7.04 0.56	131.58 -9.77 -0.04	165.85 -11.95 -0.26	68.03 -4.35 -2.09	56.33 -3.56 0.00	82.82 -6.43 -0.31	72.85 -5.74 -2.07	71.85 -5.77 -4.76	49.22 -2.75 -16.49	73.08 -5.69 -9.76	67.89 -5.09 -7.86	91.25 -8.73 1.38	67.13 -7.89 16.37	35.58 -3.48 3.35	36.17 -3.98 9.28	38.51 -4.16 6.49	39.98 -4.69 9.23	56.97 -5.49 4.81
KNTFSRNC_46_KV_46KV_LOAD 80397	92.70 1.78 0.00	117.79 2.40 0.00	116.78 2.55 0.00	103.79 2.54 0.00	140.60 2.79 0.00	102.01 1.28 0.00	117.68 0.58 0.00	141.46 0.15 0.00	177.20 -0.33 0.00	70.31 0.02 0.00	60.24 0.35 0.00	88.64 -0.28 0.00	76.49 -0.03 0.00	72.88 0.02 0.00	35.33 -0.15 0.00	68.99 -0.02 0.00	65.33 0.22 0.00	101.88 0.51 0.00	91.42 0.03 0.00	42.35 -0.06 0.00	49.17 -0.26 0.00	49.07 -0.09 0.00	53.77 -0.14 0.00	67.94 0.67 0.00
LACHUTE__HYDRO 323717	114.94 8.67 -15.35	181.33 11.11 -54.84	178.87 11.20 -53.43	237.28 10.58 -125.45	268.25 13.67 -116.77	231.12 10.43 -119.96	634.60 13.36 -504.14	494.99 16.76 -336.93	926.46 22.47 -726.46	1100.26 8.37 -1021.60	227.76 7.04 -160.83	99.60 7.84 -2.83	101.60 6.49 -18.58	121.89 6.26 -42.77	190.42 3.08 -151.85	164.77 7.32 -88.44	152.35 6.88 -80.35	140.26 11.11 -27.78	154.37 10.01 -52.96	77.80 4.70 -30.70	62.29 5.00 -7.86	53.74 4.58 0.00	61.84 4.94 -3.00	72.71 5.44 0.00
LAWRNCV_115KV_TB1 80681	90.04 -0.87 0.00	114.34 -1.05 0.00	113.25 -0.98 0.00	100.71 -0.55 0.00	136.27 -1.54 0.00	98.49 -2.25 0.00	112.92 -4.17 0.00	135.92 -5.39 0.00	169.94 -7.60 0.00	67.37 -2.92 0.00	57.90 -1.99 0.00	85.11 -3.82 0.00	73.69 -2.83 0.00	70.25 -2.62 0.00	34.00 -1.48 0.00	66.24 -2.76 0.00	62.25 -2.87 0.00	97.18 -4.18 0.00	87.49 -3.90 0.00	40.46 -1.95 0.00	47.27 -2.15 0.00	47.80 -1.37 0.00	52.82 -1.08 0.00	66.76 -0.51 0.00
LEDERLE____ 23769	99.72 6.55 -2.25	131.79 8.37 -8.03	129.96 7.90 -7.82	126.29 6.67 -18.37	164.24 9.33 -17.10	125.40 7.10 -17.56	200.43 9.52 -73.82	203.47 11.74 -50.42	305.57 15.11 -112.92	278.43 6.25 -201.90	88.41 4.85 -23.67	97.57 6.53 -2.11	95.76 5.38 -13.86	109.92 5.04 -32.02	151.98 2.55 -113.95	140.46 5.25 -66.20	129.51 5.14 -59.25	130.18 8.33 -20.49	137.99 7.54 -39.05	68.56 3.52 -22.64	59.37 4.15 -5.80	53.04 3.87 0.00	60.12 3.99 -2.21	71.63 4.36 0.00
LIGHTRSE_115KV_TB6 355974	89.07 -1.85 0.00	112.94 -2.45 0.00	111.74 -2.50 0.00	99.06 -2.20 0.00	134.86 -2.95 0.00	99.06 -1.67 0.00	115.20 -1.89 0.00	139.04 -2.27 0.00	175.02 -2.52 0.00	69.46 -0.83 0.00	59.10 -0.79 0.00	88.05 -1.04 -0.16	76.78 -0.75 -1.02	74.57 -0.64 -2.34	43.61 -0.19 -8.31	73.26 -0.55 -4.80	68.96 -0.47 -4.31	102.19 -0.66 -1.49	93.10 -1.23 -2.94	43.64 -0.42 -1.65	49.17 -0.68 -0.42	48.26 -0.91 0.00	52.69 -1.38 -0.16	65.31 -1.96 0.00
LINDEN COGEN____ 23786	99.95 6.67 -2.37	132.23 8.38 -8.46	130.29 7.81 -8.24	126.99 6.38 -19.35	164.97 9.15 -18.01	126.03 6.79 -18.50	204.30 9.43 -77.77	206.31 11.86 -53.14	312.13 15.48 -119.12	290.62 6.44 -213.89	89.78 4.95 -24.94	97.73 6.60 -2.20	96.42 5.41 -14.49	111.41 5.10 -33.45	157.04 2.53 -119.02	143.25 5.19 -69.05	131.99 5.07 -61.81	131.02 8.28 -21.37	139.57 7.44 -40.74	69.51 3.49 -23.61	59.55 4.10 -6.02	52.91 3.80 0.06	59.35 3.96 -1.49	71.49 4.22 0.00
LINDHRST_69_KV_BK1 356055	102.97 9.68 -2.37	138.10 12.88 -9.83	134.58 12.09 -8.25	131.05 10.43 -19.37	169.82 13.99 -18.02	154.53 11.67 -42.13	215.96 13.52 -85.34	232.98 17.09 -74.59	317.47 20.78 -119.15	291.87 7.63 -213.95	96.39 7.02 -29.48	100.42 9.29 -2.21	98.65 7.64 -14.49	113.98 7.65 -33.46	161.53 3.91 -122.14	149.09 8.16 -71.93	158.95 7.90 -85.93	177.02 12.35 -63.31	264.28 11.73 -161.16	146.35 5.41 -98.54	140.23 6.38 -84.42	122.40 6.05 -67.18	120.08 6.40 -59.77	74.09 6.81 -0.01
LIPA_MISC_IPP 23656	103.10 9.81 -2.37	139.01 13.59 -10.03	135.21 12.72 -8.25	131.66 11.03 -19.37	170.82 14.98 -18.02	158.96 12.54 -45.68	217.52 13.76 -86.67	236.68 17.14 -78.24	316.79 20.11 -119.15	290.82 6.58 -213.95	96.24 6.87 -29.48	100.42 9.29 -2.21	98.29 7.27 -14.49	114.05 7.73 -33.46	161.80 4.04 -122.27	148.86 8.64 -71.21	156.82 8.46 -83.25	182.19 13.13 -67.69	280.88 12.74 -176.75	148.53 5.91 -100.21	143.59 6.91 -87.24	126.99 6.42 -71.40	125.86 6.92 -65.03	74.68 7.40 -0.01
LISF__SOLAR 323691	103.31 10.02 -2.37	139.25 13.83 -10.03	135.50 13.01 -8.25	131.86 11.23 -19.37	171.13 15.30 -18.02	159.21 12.84 -45.64	217.81 14.06 -86.65	237.01 17.50 -78.20	317.19 20.51 -119.15	290.93 6.69 -213.95	96.32 6.95 -29.48	100.53 9.39 -2.21	98.36 7.35 -14.49	114.12 7.80 -33.46	161.85 4.09 -122.27	149.02 8.80 -71.22	157.03 8.63 -83.28	182.44 13.42 -67.65	281.00 13.02 -176.59	148.64 6.04 -100.20	143.71 7.06 -87.22	127.09 6.55 -71.37	125.96 7.08 -64.98	74.84 7.56 -0.01

LITTLE FALLS___HYD 24013	95.06 4.15 0.00	120.63 5.25 0.00	119.08 4.84 0.00	105.27 4.01 0.00	143.44 5.63 0.00	105.50 4.77 0.00	123.57 6.48 0.00	149.28 7.97 0.00	188.19 10.66 0.00	74.44 4.16 0.00	62.89 3.00 0.00	93.69 4.76 0.00	80.69 4.17 0.00	76.73 3.86 0.00	37.41 1.92 0.00	72.60 3.59 0.00	68.58 3.47 0.00	106.79 5.43 0.00	96.21 4.81 0.00	44.63 2.23 0.00	51.89 2.46 0.00	51.28 2.12 0.00	56.24 2.33 0.00	69.71 2.44 0.00
LITTLRIV_115KV_TB1 356100	91.12 0.20 0.00	115.65 0.26 0.00	114.54 0.31 0.00	101.89 0.64 0.00	137.83 0.02 0.00	99.54 -1.19 0.00	114.16 -2.94 0.00	137.49 -3.82 0.00	171.89 -5.65 0.00	68.03 -2.26 0.00	58.29 -1.60 0.00	85.56 -3.36 0.00	74.07 -2.45 0.00	70.62 -2.24 0.00	34.26 -1.22 0.00	66.79 -2.21 0.00	62.85 -2.27 0.00	98.29 -3.07 0.00	88.48 -2.91 0.00	40.92 -1.48 0.00	47.80 -1.63 0.00	48.33 -0.84 0.00	53.46 -0.45 0.00	67.65 0.38 0.00
LI_NEWBRDGE___DRP 323616	101.27 7.98 -2.37	136.13 10.60 -10.14	132.34 9.85 -8.25	129.07 8.44 -19.38	167.18 11.35 -18.02	157.86 9.49 -47.63	215.63 11.14 -87.40	235.59 14.03 -80.25	313.90 17.21 -119.15	290.77 6.53 -213.95	95.34 5.97 -29.48	98.92 7.79 -2.21	97.45 6.44 -14.49	112.72 6.40 -33.46	161.00 3.24 -122.27	146.50 6.74 -70.76	152.92 6.48 -81.33	181.36 10.08 -69.91	285.90 9.54 -184.96	147.38 4.41 -100.56	142.89 5.19 -88.26	127.49 4.95 -73.38	126.89 5.27 -67.72	72.78 5.50 -0.01
LOCKPORT_115KV_TB60_63_64 80432	85.43 -5.48 0.00	108.48 -6.91 0.00	107.45 -6.79 0.00	94.81 -6.45 0.00	128.85 -8.96 0.00	95.17 -5.56 0.00	107.43 -9.00 0.66	129.00 -12.36 -0.05	162.58 -15.24 -0.29	67.09 -5.48 -2.28	55.46 -4.42 0.00	81.08 -8.19 -0.34	71.34 -7.43 -2.25	70.57 -7.47 -5.17	49.65 -3.60 -17.77	72.27 -7.34 -10.61	67.07 -6.51 -8.46	88.65 -10.79 1.93	61.54 -9.24 20.61	33.16 -3.86 5.38	33.20 -4.32 11.91	35.84 -4.57 8.75	37.23 -5.28 11.40	54.74 -6.15 6.38
LOCKPORT___CC1 323769	85.04 -5.88 0.00	107.98 -7.41 0.00	106.97 -7.26 0.00	94.42 -6.84 0.00	128.35 -9.46 0.00	94.75 -5.98 0.00	107.05 -9.37 0.67	128.50 -12.86 -0.05	162.05 -15.77 -0.29	66.93 -5.66 -2.30	55.35 -4.54 0.00	80.85 -8.42 -0.35	71.18 -7.61 -2.27	70.40 -7.67 -5.21	49.68 -3.68 -17.87	72.20 -7.50 -10.69	66.98 -6.65 -8.51	88.19 -11.18 1.99	60.50 -9.65 21.24	32.52 -4.01 5.87	32.52 -4.51 12.40	35.21 -4.70 9.26	36.77 -5.40 11.74	54.28 -6.28 6.71
LOCKPORT___CC2 323770	85.04 -5.88 0.00	107.98 -7.41 0.00	106.97 -7.26 0.00	94.42 -6.84 0.00	128.35 -9.46 0.00	94.75 -5.98 0.00	107.05 -9.37 0.67	128.50 -12.86 -0.05	162.05 -15.77 -0.29	66.93 -5.66 -2.30	55.35 -4.54 0.00	80.85 -8.42 -0.35	71.18 -7.61 -2.27	70.40 -7.67 -5.21	49.68 -3.68 -17.87	72.20 -7.50 -10.69	66.98 -6.65 -8.51	88.19 -11.18 1.99	60.50 -9.65 21.24	32.52 -4.01 5.87	32.52 -4.51 12.40	35.21 -4.70 9.26	36.77 -5.40 11.74	54.28 -6.28 6.71
LOCKPORT___CC3 323771	85.04 -5.88 0.00	107.98 -7.41 0.00	106.97 -7.26 0.00	94.42 -6.84 0.00	128.35 -9.46 0.00	94.75 -5.98 0.00	107.05 -9.37 0.67	128.50 -12.86 -0.05	162.05 -15.77 -0.29	66.93 -5.66 -2.30	55.35 -4.54 0.00	80.85 -8.42 -0.35	71.18 -7.61 -2.27	70.40 -7.67 -5.21	49.68 -3.68 -17.87	72.20 -7.50 -10.69	66.98 -6.65 -8.51	88.19 -11.18 1.99	60.50 -9.65 21.24	32.52 -4.01 5.87	32.52 -4.51 12.40	35.21 -4.70 9.26	36.77 -5.40 11.74	54.28 -6.28 6.71
LONG_LAKE_PHOENIX 24014	88.41 -2.51 0.00	112.16 -3.23 0.00	110.97 -3.27 0.00	98.22 -3.03 0.00	133.80 -4.01 0.00	98.13 -2.61 0.00	114.26 -2.83 0.00	138.29 -3.02 0.00	174.14 -3.39 0.00	69.09 -1.20 0.00	58.75 -1.14 0.00	87.21 -1.89 -0.17	75.96 -1.68 -1.12	73.87 -1.57 -2.57	43.96 -0.67 -9.14	72.96 -1.33 -5.28	68.64 -1.23 -4.74	101.13 -1.88 -1.64	92.67 -1.87 -3.15	43.36 -0.86 -1.82	48.79 -1.10 -0.46	47.96 -1.21 0.00	52.63 -1.46 -0.18	65.30 -1.97 0.00
LOVETT___3 23632	99.18 6.01 -2.26	131.16 7.71 -8.06	129.37 7.28 -7.86	125.84 6.14 -18.44	163.59 8.61 -17.17	124.90 6.52 -17.64	200.04 8.82 -74.13	202.81 10.87 -50.63	304.94 14.00 -113.41	278.91 5.78 -202.84	88.13 4.47 -23.77	97.03 5.99 -2.12	95.34 4.91 -13.91	109.59 4.60 -32.13	152.16 2.33 -114.35	140.25 4.82 -66.43	129.28 4.71 -59.46	129.57 7.65 -20.56	137.52 6.94 -39.19	68.35 3.23 -22.72	59.07 3.82 -5.82	52.72 3.56 0.00	59.81 3.68 -2.22	71.24 3.97 0.00
LOVETT___4 23642	99.18 6.01 -2.26	131.16 7.71 -8.06	129.37 7.28 -7.86	125.84 6.14 -18.44	163.59 8.61 -17.17	124.90 6.52 -17.64	200.04 8.82 -74.13	202.81 10.87 -50.63	304.94 14.00 -113.41	278.91 5.78 -202.84	88.13 4.47 -23.77	97.03 5.99 -2.12	95.34 4.91 -13.91	109.59 4.60 -32.13	152.16 2.33 -114.35	140.25 4.82 -66.43	129.28 4.71 -59.46	129.57 7.65 -20.56	137.52 6.94 -39.19	68.35 3.23 -22.72	59.07 3.82 -5.82	52.72 3.56 0.00	59.81 3.68 -2.22	71.24 3.97 0.00
LOVETT___5 23593	99.18 6.01 -2.26	131.16 7.71 -8.06	129.37 7.28 -7.86	125.84 6.14 -18.44	163.59 8.61 -17.17	124.90 6.52 -17.64	200.04 8.82 -74.13	202.81 10.87 -50.63	304.94 14.00 -113.41	278.91 5.78 -202.84	88.13 4.47 -23.77	97.03 5.99 -2.12	95.34 4.91 -13.91	109.59 4.60 -32.13	152.16 2.33 -114.35	140.25 4.82 -66.43	129.28 4.71 -59.46	129.57 7.65 -20.56	137.52 6.94 -39.19	68.35 3.23 -22.72	59.07 3.82 -5.82	52.72 3.56 0.00	59.81 3.68 -2.22	71.24 3.97 0.00
LOWER RAQUET___HYD 24057	90.09 -0.83 0.00	114.39 -1.00 0.00	113.29 -0.94 0.00	100.73 -0.53 0.00	136.18 -1.63 0.00	98.32 -2.41 0.00	112.52 -4.57 0.00	135.46 -5.85 0.00	169.38 -8.15 0.00	67.14 -3.15 0.00	57.75 -2.13 0.00	84.86 -4.06 0.00	73.48 -3.04 0.00	70.05 -2.81 0.00	33.92 -1.57 0.00	65.96 -3.05 0.00	61.99 -3.13 0.00	96.84 -4.52 0.00	87.17 -4.22 0.00	40.29 -2.12 0.00	47.07 -2.36 0.00	47.67 -1.50 0.00	52.73 -1.18 0.00	66.68 -0.59 0.00
LOWER___HUDSON 24059	109.27 5.49 -12.86	168.41 7.08 -45.94	165.88 6.88 -44.77	212.50 6.14 -105.10	244.02 8.38 -97.83	207.54 6.30 -100.50	547.07 7.60 -422.37	432.64 8.93 -282.40	798.33 11.45 -609.35	936.66 4.77 -861.61	198.35 3.80 -134.66	96.90 5.20 -2.77	99.25 4.52 -18.22	119.04 4.25 -41.93	186.36 2.01 -148.86	159.67 3.98 -86.68	147.62 3.78 -78.73	134.51 5.93 -27.22	148.66 5.38 -51.89	74.97 2.49 -30.08	60.02 2.89 -7.70	51.97 2.81 0.00	59.93 3.08 -2.94	70.84 3.57 0.00
LOWVILLE_115KV_TB2 356335	92.95 2.03 0.00	117.98 2.60 0.00	116.70 2.46 0.00	103.57 2.31 0.00	140.74 2.93 0.00	103.47 2.74 0.00	119.70 2.61 0.00	144.30 2.99 0.00	181.25 3.72 0.00	72.13 1.85 0.00	61.56 1.67 0.00	91.34 2.34 -0.07	78.99 1.96 -0.51	76.08 2.04 -1.18	40.76 1.08 -4.19	72.67 1.25 -2.42	68.54 1.25 -2.18	104.59 2.47 -0.75	94.87 2.14 -1.33	43.66 0.42 -0.83	49.87 0.22 -0.21	49.15 -0.02 0.00	53.28 -0.70 -0.08	66.02 -1.25 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	111.69 5.62 -15.16	176.70 7.16 -54.15	174.01 7.01 -52.76	231.41 6.28 -123.88	261.67 8.54 -115.31	225.72 6.52 -118.46	623.02 8.09 -497.84	483.79 9.76 -332.73	907.62 12.65 -717.44	1084.72 5.10 -1009.33	222.83 4.13 -158.81	97.53 5.78 -2.82	100.03 4.95 -18.55	120.30 4.74 -42.70	189.38 2.31 -151.59	161.92 4.62 -88.29	149.74 4.41 -80.21	136.07 6.98 -27.73	150.55 6.30 -52.86	75.95 2.90 -30.64	60.59 3.32 -7.85	52.33 3.17 0.00	60.31 3.40 -3.00	71.14 3.87 0.00

LUTHERNY_35_KV_BK2 355980	111.74 5.67 -15.16	176.79 7.25 -54.15	174.10 7.10 -52.76	231.49 6.36 -123.88	261.76 8.63 -115.31	225.81 6.62 -118.46	623.14 8.21 -497.84	483.89 9.86 -332.73	907.79 12.82 -717.44	1084.76 5.15 -1009.33	222.88 4.18 -158.81	97.66 5.91 -2.82	100.10 5.03 -18.55	120.36 4.80 -42.70	189.46 2.38 -151.59	161.94 4.64 -88.29	149.80 4.47 -80.21	136.17 7.08 -27.73	150.65 6.39 -52.86	75.99 2.94 -30.64	60.64 3.37 -7.85	52.38 3.22 0.00	60.40 3.50 -3.00	71.21 3.93 0.00
LWR___OSWEGATCHIE_HYD 23850	91.22 0.31 0.00	115.81 0.43 0.00	114.62 0.38 0.00	101.82 0.56 0.00	138.00 0.18 0.00	100.48 -0.25 0.00	115.44 -1.65 0.00	139.11 -2.19 0.00	174.39 -3.15 0.00	69.26 -1.03 0.00	59.39 -0.50 0.00	87.66 -1.32 -0.05	75.89 -1.01 -0.38	72.90 -0.83 -0.87	38.14 -0.43 -3.09	69.53 -1.26 -1.78	65.37 -1.35 -1.60	100.24 -1.68 -0.55	90.84 -1.52 -0.96	41.90 -1.11 -0.61	48.24 -1.35 -0.16	48.15 -1.01 0.00	52.77 -1.19 -0.06	66.09 -1.18 0.00
LYONS_FALL_HYD 23570	93.36 2.45 0.00	118.47 3.08 0.00	117.20 2.96 0.00	103.96 2.70 0.00	141.37 3.55 0.00	103.89 3.16 0.00	120.59 3.50 0.00	145.46 4.15 0.00	182.91 5.38 0.00	72.67 2.39 0.00	61.93 2.04 0.00	91.87 2.87 -0.07	79.46 2.45 -0.49	76.45 2.47 -1.12	40.74 1.27 -3.98	73.21 1.91 -2.30	69.02 1.83 -2.07	105.24 3.16 -0.72	95.47 2.78 -1.29	44.12 0.93 -0.79	50.48 0.85 -0.20	49.82 0.65 0.00	54.22 0.24 -0.08	67.22 -0.05 0.00
MADISON___COUNTY_LFGE 323628	93.96 3.04 0.00	119.30 3.91 0.00	118.03 3.80 0.00	104.57 3.31 0.00	142.42 4.61 0.00	104.66 3.93 0.00	122.03 4.94 0.00	147.36 6.05 0.00	185.70 8.16 0.00	73.59 3.31 0.00	62.58 2.70 0.00	92.69 3.63 -0.13	80.48 3.08 -0.88	77.95 3.05 -2.03	44.25 1.56 -7.21	76.08 2.92 -4.16	71.63 2.77 -3.74	106.77 4.11 -1.29	97.44 3.60 -2.45	45.40 1.57 -1.43	51.41 1.61 -0.37	50.58 1.42 0.00	55.36 1.32 -0.14	68.64 1.37 0.00
MALONE___115KV_TB1 356076	92.24 1.32 0.00	117.14 1.75 0.00	116.13 1.90 0.00	103.20 1.94 0.00	139.80 1.99 0.00	101.39 0.66 0.00	116.97 -0.12 0.00	140.99 -0.31 0.00	176.35 -1.19 0.00	69.91 -0.38 0.00	60.00 0.11 0.00	88.24 -0.69 0.00	76.21 -0.32 0.00	72.53 -0.33 0.00	35.17 -0.31 0.00	68.58 -0.43 0.00	64.72 -0.40 0.00	101.04 -0.32 0.00	90.78 -0.61 0.00	42.01 -0.39 0.00	48.92 -0.51 0.00	48.97 -0.20 0.00	53.78 -0.13 0.00	67.82 0.55 0.00
MAPLEWOD_115KV_TB3 80458	106.95 5.53 -10.50	160.01 7.11 -37.51	157.70 6.91 -36.55	193.03 5.96 -85.82	225.92 8.23 -79.88	188.84 6.05 -82.06	469.20 7.25 -344.87	380.54 8.62 -230.61	686.20 10.96 -497.71	779.81 4.62 -704.91	173.56 3.71 -109.96	96.79 5.11 -2.76	99.11 4.47 -18.11	118.69 4.13 -41.69	185.40 1.88 -148.03	158.85 3.63 -86.21	146.85 3.41 -78.32	133.75 5.31 -27.08	147.77 4.75 -51.62	74.56 2.24 -29.92	59.69 2.60 -7.66	51.71 2.55 0.00	59.68 2.85 -2.92	70.72 3.45 0.00
MAPLE_RIDGE_WT_1 323574	90.09 -0.83 0.00	114.41 -0.97 0.00	113.40 -0.84 0.00	100.60 -0.65 0.00	136.89 -0.92 0.00	99.76 -0.98 0.00	115.50 -1.59 0.00	139.45 -1.86 0.00	174.55 -2.98 0.00	69.28 -1.01 0.00	59.19 -0.70 0.00	87.87 -1.06 0.00	75.74 -0.78 0.00	72.10 -0.76 0.00	35.05 -0.44 0.00	67.80 -1.21 0.00	64.10 -1.01 0.00	99.85 -1.52 0.00	89.76 -1.63 0.00	41.44 -0.97 0.00	48.19 -1.24 0.00	47.87 -1.29 0.00	52.36 -1.55 0.00	65.39 -1.88 0.00
MAPLE_RIDGE_WT_2 323611	90.09 -0.83 0.00	114.41 -0.97 0.00	113.40 -0.84 0.00	100.60 -0.65 0.00	136.89 -0.92 0.00	99.76 -0.98 0.00	115.50 -1.59 0.00	139.45 -1.86 0.00	174.55 -2.98 0.00	69.28 -1.01 0.00	59.19 -0.70 0.00	87.87 -1.06 0.00	75.74 -0.78 0.00	72.10 -0.76 0.00	35.05 -0.44 0.00	67.80 -1.21 0.00	64.10 -1.01 0.00	99.85 -1.52 0.00	89.76 -1.63 0.00	41.44 -0.97 0.00	48.19 -1.24 0.00	47.87 -1.29 0.00	52.36 -1.55 0.00	65.39 -1.88 0.00
MARBLE_RIVER_WT_PWR 323696	90.99 0.07 0.00	115.52 0.14 0.00	114.57 0.34 0.00	101.81 0.55 0.00	138.07 0.25 0.00	100.15 -0.58 0.00	115.51 -1.59 0.00	139.09 -2.22 0.00	174.05 -3.48 0.00	68.98 -1.30 0.00	59.07 -0.82 0.00	87.12 -1.80 0.00	75.21 -1.31 0.00	71.69 -1.17 0.00	34.76 -0.72 0.00	67.85 -1.16 0.00	64.12 -1.00 0.00	99.82 -1.54 0.00	89.71 -1.68 0.00	41.58 -0.83 0.00	48.38 -1.05 0.00	48.32 -0.84 0.00	53.00 -0.90 0.00	66.85 -0.42 0.00
MARSHVLE_115KV_TB1 80742	109.89 4.93 -14.04	171.74 6.21 -50.15	169.15 6.05 -48.86	221.42 5.44 -114.73	252.23 7.62 -106.79	216.40 5.96 -109.70	585.53 7.38 -461.06	458.46 9.04 -308.10	852.84 11.13 -664.17	1007.09 4.12 -932.69	210.40 3.38 -147.13	96.84 4.75 -3.17	101.20 3.86 -20.82	124.29 3.52 -47.91	207.49 1.91 -170.10	172.12 4.09 -99.02	158.93 3.92 -89.90	138.79 6.34 -31.08	156.23 5.59 -59.25	79.23 2.48 -34.35	60.97 2.75 -8.79	51.76 2.59 0.00	59.95 2.69 -3.36	70.35 3.08 0.00
MARSH_HILL_WT_PWR 323713	86.82 -4.53 -0.44	110.70 -6.26 -1.57	110.96 -4.81 -1.53	100.89 -3.96 -3.60	134.98 -6.18 -3.35	101.14 -3.04 -3.44	125.60 -4.05 -12.56	146.53 -4.47 -9.70	195.02 -3.63 -21.11	101.05 -1.41 -32.17	63.39 -1.11 -4.60	86.74 -2.66 -0.47	76.32 -3.31 -3.11	75.92 -4.10 -7.16	61.74 -1.89 -28.15	80.19 -3.49 -14.68	71.68 -3.55 -10.10	83.72 -7.22 10.43	44.13 -6.23 41.04	62.21 -3.32 -23.12	43.64 -4.31 1.48	62.44 -4.63 -17.90	33.17 -5.30 15.44	69.36 -7.22 -9.31
MCINTYRE_115KV_TB2 80467	91.59 0.67 0.00	116.25 0.86 0.00	115.20 0.96 0.00	102.48 1.22 0.00	138.84 1.03 0.00	100.48 -0.25 0.00	115.49 -1.60 0.00	139.18 -2.13 0.00	173.98 -3.56 0.00	68.73 -1.56 0.00	58.70 -1.19 0.00	86.09 -2.84 0.00	74.51 -2.01 0.00	71.08 -1.79 0.00	34.50 -0.98 0.00	67.49 -1.52 0.00	63.56 -1.55 0.00	99.47 -1.89 0.00	89.55 -1.84 0.00	41.44 -0.96 0.00	48.43 -1.01 0.00	48.84 -0.32 0.00	53.94 0.03 0.00	68.21 0.94 0.00
MECO_____69_KV_BK1 80468	112.58 6.60 -15.06	177.48 8.31 -53.79	174.74 8.10 -52.41	231.47 7.17 -123.05	262.34 9.99 -114.54	226.19 7.79 -117.66	621.29 9.71 -494.49	483.84 12.09 -330.43	904.91 15.11 -712.26	1075.78 5.75 -999.74	222.35 4.66 -157.80	98.52 6.55 -3.05	102.09 5.53 -20.04	124.02 5.04 -46.12	201.86 2.64 -163.74	170.06 5.71 -95.34	157.13 5.43 -86.59	140.13 8.83 -29.94	156.31 7.85 -57.07	79.02 3.54 -33.08	61.90 4.00 -8.47	52.93 3.77 0.00	61.05 3.91 -3.23	71.80 4.52 0.00
MENANDS___115KV_TB5 355628	106.25 5.25 -10.07	158.16 6.79 -35.98	155.92 6.62 -35.06	189.25 5.67 -82.32	222.28 7.84 -76.62	185.15 5.70 -78.72	454.65 6.73 -330.83	370.49 7.95 -221.23	665.11 10.08 -477.49	751.21 4.29 -676.63	168.78 3.41 -105.47	96.42 4.74 -2.75	98.77 4.17 -18.08	118.27 3.80 -41.61	184.91 1.70 -147.72	158.29 3.25 -86.03	146.28 3.00 -78.16	133.02 4.63 -27.02	147.08 4.17 -51.52	74.24 1.98 -29.86	59.38 2.31 -7.65	51.44 2.28 0.00	59.42 2.59 -2.92	70.46 3.19 0.00
MG INDUSTRY___DRP 24185	100.65 3.90 -5.82	141.25 5.07 -20.80	139.48 4.98 -20.27	153.05 4.21 -47.58	187.99 5.89 -44.29	150.51 4.28 -45.50	313.36 5.05 -191.23	275.10 5.93 -127.86	460.92 7.49 -275.89	463.51 3.04 -390.18	123.38 2.52 -60.97	95.62 4.01 -2.69	97.74 3.54 -17.67	117.05 3.43 -40.77	181.71 1.50 -144.72	156.13 2.91 -84.21	144.40 2.77 -76.51	131.96 4.15 -26.45	145.55 3.73 -50.43	73.40 1.77 -29.23	58.98 2.07 -7.48	51.19 2.02 0.00	59.08 2.32 -2.86	70.12 2.84 0.00

MID___OSWEGATCHIE_HYD 23849	91.22 0.31 0.00	115.81 0.43 0.00	114.62 0.38 0.00	101.82 0.56 0.00	138.00 0.18 0.00	100.48 -0.25 0.00	115.44 -1.65 0.00	139.11 -2.19 0.00	174.39 -3.15 0.00	69.26 -1.03 0.00	59.39 -0.50 0.00	87.66 -1.32 -0.05	75.89 -1.01 -0.38	72.90 -0.83 -0.87	38.14 -0.43 -3.09	69.53 -1.26 -1.78	65.37 -1.35 -1.60	100.24 -1.68 -0.55	90.84 -1.52 -0.96	41.90 -1.11 -0.61	48.24 -1.35 -0.16	48.15 -1.01 0.00	52.77 -1.19 -0.06	66.09 -1.18 0.00
MID___RAQUETTE_HYD 23851	90.09 -0.83 0.00	114.39 -1.00 0.00	113.29 -0.95 0.00	100.72 -0.53 0.00	136.18 -1.63 0.00	98.32 -2.41 0.00	112.52 -4.57 0.00	135.46 -5.85 0.00	169.38 -8.15 0.00	67.14 -3.15 0.00	57.76 -2.13 0.00	84.87 -4.06 0.00	73.48 -3.04 0.00	70.04 -2.82 0.00	33.91 -1.57 0.00	65.96 -3.05 0.00	61.99 -3.13 0.00	96.83 -4.53 0.00	87.17 -4.22 0.00	40.29 -2.11 0.00	47.06 -2.36 0.00	47.67 -1.50 0.00	52.73 -1.18 0.00	66.68 -0.58 0.00
MILLIKEN___1 23584	93.25 1.86 -0.47	119.27 2.20 -1.68	117.91 2.04 -1.64	106.81 1.71 -3.84	143.80 2.41 -3.58	106.82 2.41 -3.67	138.03 3.07 -17.86	155.54 3.91 -10.33	205.72 5.81 -22.38	106.60 2.39 -33.92	66.65 1.87 -4.88	91.97 2.58 -0.47	81.58 1.99 -3.07	81.83 1.90 -7.06	61.76 0.99 -25.28	85.34 1.85 -14.48	83.94 1.83 -16.99	127.90 2.79 -23.75	189.17 2.42 -95.36	62.00 1.09 -18.51	83.90 1.17 -33.30	63.03 0.91 -12.96	90.42 0.72 -35.79	78.94 0.55 -11.11
MILLIKEN___2 23585	93.25 1.86 -0.47	119.27 2.20 -1.68	117.91 2.04 -1.64	106.81 1.71 -3.84	143.80 2.41 -3.58	106.82 2.41 -3.67	138.03 3.07 -17.86	155.54 3.91 -10.33	205.72 5.81 -22.38	106.60 2.39 -33.92	66.65 1.87 -4.88	91.97 2.58 -0.47	81.58 1.99 -3.07	81.83 1.90 -7.06	61.76 0.99 -25.28	85.34 1.85 -14.48	83.94 1.83 -16.99	127.90 2.79 -23.75	189.17 2.42 -95.36	62.00 1.09 -18.51	83.90 1.17 -33.30	63.03 0.91 -12.96	90.42 0.72 -35.79	78.94 0.55 -11.11
MILLIKEN___DIESEL 23629	93.25 1.86 -0.47	119.27 2.20 -1.68	117.91 2.04 -1.64	106.81 1.71 -3.84	143.80 2.41 -3.58	106.82 2.41 -3.67	138.03 3.07 -17.86	155.54 3.91 -10.33	205.72 5.81 -22.38	106.60 2.39 -33.92	66.65 1.87 -4.88	91.97 2.58 -0.47	81.58 1.99 -3.07	81.83 1.90 -7.06	61.76 0.99 -25.28	85.34 1.85 -14.48	83.94 1.83 -16.99	127.90 2.79 -23.75	189.17 2.42 -95.36	62.00 1.09 -18.51	83.90 1.17 -33.30	63.03 0.91 -12.96	90.42 0.72 -35.79	78.94 0.55 -11.11
MILLSEAT___LFGE 323607	87.80 -3.12 0.00	111.38 -4.01 0.00	110.27 -3.97 0.00	97.35 -3.91 0.00	132.41 -5.39 0.00	97.81 -2.93 0.00	111.11 -5.37 0.62	133.78 -7.58 -0.05	168.69 -9.12 -0.28	69.39 -3.09 -2.20	57.39 -2.50 0.00	83.86 -5.40 -0.33	73.44 -5.25 -2.17	72.67 -5.18 -5.00	50.22 -2.50 -17.24	74.11 -5.14 -10.24	68.86 -4.46 -8.20	92.26 -7.40 1.71	66.48 -6.19 18.71	35.53 -2.57 4.30	35.87 -2.92 10.63	38.43 -3.16 7.58	39.72 -3.79 10.40	57.31 -4.38 5.57
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	100.03 6.76 -2.35	132.39 8.60 -8.40	130.54 8.12 -8.18	127.34 6.86 -19.22	165.30 9.60 -17.89	126.39 7.28 -18.37	204.03 9.71 -77.23	206.04 11.96 -52.77	311.28 15.47 -118.27	288.91 6.36 -212.26	89.63 4.98 -24.76	97.81 6.69 -2.19	96.47 5.55 -14.40	111.33 5.21 -33.25	156.41 2.60 -118.32	142.98 5.33 -68.64	131.78 5.23 -61.44	131.05 8.45 -21.24	139.52 7.63 -40.50	69.44 3.56 -23.47	59.63 4.19 -6.01	53.08 3.92 0.00	60.28 4.08 -2.29	71.72 4.45 0.00
MILLWOOD_13_KV_LOAD 356217	100.16 6.89 -2.35	132.54 8.76 -8.40	130.71 8.29 -8.18	127.50 7.03 -19.22	165.53 9.84 -17.89	126.55 7.44 -18.37	204.21 9.89 -77.23	206.30 12.23 -52.77	311.62 15.82 -118.27	289.03 6.48 -212.26	89.74 5.09 -24.76	97.94 6.82 -2.19	96.57 5.65 -14.40	111.43 5.31 -33.25	156.46 2.65 -118.32	143.10 5.45 -68.64	131.91 5.35 -61.44	131.24 8.63 -21.24	139.69 7.80 -40.50	69.52 3.64 -23.47	59.70 4.26 -6.01	53.15 3.98 0.00	60.36 4.16 -2.29	71.82 4.54 0.00
MODEL_CITY_ENERGY 24167	84.77 -6.14 0.00	107.64 -7.74 0.00	106.64 -7.59 0.00	94.08 -7.17 0.00	127.88 -9.93 0.00	94.38 -6.35 0.00	106.51 -9.90 0.68	127.84 -13.52 -0.05	161.23 -16.60 -0.29	66.61 -6.00 -2.33	54.94 -4.95 0.00	80.17 -9.11 -0.35	70.63 -8.18 -2.29	69.91 -8.23 -5.28	49.64 -3.95 -18.09	71.80 -8.03 -10.82	66.61 -7.11 -8.61	87.46 -11.85 2.05	59.92 -9.98 21.50	32.36 -4.28 5.76	32.13 -4.86 12.44	34.94 -5.03 9.19	36.27 -5.80 11.85	53.84 -6.75 6.68
MODERN_LFGE___ 323580	84.77 -6.14 0.00	107.64 -7.74 0.00	106.64 -7.59 0.00	94.08 -7.17 0.00	127.88 -9.93 0.00	94.38 -6.35 0.00	106.51 -9.90 0.68	127.84 -13.52 -0.05	161.23 -16.60 -0.29	66.61 -6.00 -2.33	54.94 -4.95 0.00	80.17 -9.11 -0.35	70.63 -8.18 -2.29	69.91 -8.23 -5.28	49.64 -3.95 -18.09	71.80 -8.03 -10.82	66.61 -7.11 -8.61	87.46 -11.85 2.05	59.92 -9.98 21.50	32.36 -4.28 5.76	32.13 -4.86 12.44	34.94 -5.03 9.19	36.27 -5.80 11.85	53.84 -6.75 6.68
MOHAWK_PAPER___DRP 24187	106.95 5.53 -10.50	160.01 7.11 -37.51	157.70 6.91 -36.55	193.03 5.96 -85.82	225.92 8.23 -79.88	188.84 6.05 -82.06	469.20 7.25 -344.87	380.54 8.62 -230.61	686.20 10.96 -497.71	779.81 4.62 -704.91	173.56 3.71 -109.96	96.79 5.11 -2.76	99.11 4.47 -18.11	118.69 4.13 -41.69	185.40 1.88 -148.03	158.85 3.63 -86.21	146.85 3.41 -78.32	133.75 5.31 -27.08	147.77 4.75 -51.62	74.56 2.24 -29.92	59.69 2.60 -7.66	51.71 2.55 0.00	59.68 2.85 -2.92	70.72 3.45 0.00
MOHICAN___35_KV_115KV_LD 80490	111.89 5.69 -15.27	177.14 7.21 -54.55	174.50 7.11 -53.15	232.59 6.53 -124.79	262.67 8.70 -116.16	226.73 6.66 -119.33	627.19 8.58 -501.52	487.05 10.56 -335.18	914.24 14.00 -722.71	1092.25 5.46 -1016.50	224.34 4.45 -159.99	97.50 5.75 -2.83	100.00 4.90 -18.57	120.29 4.69 -42.74	189.51 2.28 -151.74	162.27 4.88 -88.38	150.08 4.67 -80.29	136.52 7.40 -27.76	150.97 6.66 -52.92	76.15 3.07 -30.67	60.71 3.43 -7.85	52.37 3.21 0.00	60.30 3.39 -3.00	71.02 3.75 0.00
MONGAUP___HYD 23641	99.86 6.83 -2.11	131.53 8.60 -7.54	129.79 8.21 -7.35	125.52 7.00 -17.25	163.62 9.75 -16.06	124.76 7.53 -16.50	196.19 9.75 -69.35	199.47 10.82 -47.34	297.77 14.31 -105.93	264.90 6.19 -188.42	86.21 4.08 -22.23	96.11 5.18 -2.00	94.22 4.54 -13.15	107.43 4.16 -30.41	145.82 2.09 -108.24	136.62 4.68 -62.94	126.34 4.89 -56.34	128.75 7.90 -19.48	135.75 7.22 -37.13	67.27 3.34 -21.52	58.85 3.91 -5.51	52.83 3.67 0.00	59.79 3.78 -2.10	71.45 4.18 0.00
MONTAUK___DIESEL 23721	104.75 11.47 -2.37	141.21 15.79 -10.03	137.03 14.54 -8.25	133.78 13.15 -19.37	174.44 18.61 -18.02	161.74 15.34 -45.66	218.36 14.60 -86.66	236.94 17.42 -78.22	317.41 20.72 -119.15	290.87 6.64 -213.95	97.23 7.86 -29.48	102.53 11.40 -2.21	99.93 8.92 -14.49	115.52 9.19 -33.46	162.57 4.81 -122.27	150.88 10.66 -71.21	158.66 10.28 -83.26	183.90 14.86 -67.68	283.95 15.87 -176.69	150.24 7.63 -100.21	145.76 9.09 -87.23	129.07 8.51 -71.39	128.05 9.13 -65.01	77.12 9.85 -0.01
MOONROAD_115KV_HARTFLD_TB1-2 355988	88.11 -3.18 -0.36	112.42 -4.27 -1.30	111.05 -4.46 -1.27	99.77 -4.47 -2.98	134.09 -6.49 -2.78	100.41 -3.17 -2.85	122.58 -5.60 -11.09	142.16 -7.18 -8.04	186.84 -8.18 -17.49	94.32 -2.64 -26.67	61.35 -2.35 -3.81	84.47 -4.86 -0.40	73.40 -5.74 -2.62	72.98 -5.92 -6.03	53.57 -2.70 -20.78	75.20 -6.17 -12.37	68.70 -6.09 -9.67	87.37 -10.84 3.16	52.89 -10.76 27.75	31.16 -4.99 6.26	28.67 -5.86 14.90	32.93 -6.06 10.18	32.33 -6.88 14.70	51.41 -8.31 7.55

MORRIS_RIDGE___SOLAR 323848	86.99 -4.35 -0.42	111.14 -5.75 -1.51	110.49 -5.21 -1.47	100.00 -4.70 -3.44	134.07 -6.94 -3.21	100.21 -3.81 -3.29	124.09 -5.60 -12.59	143.51 -7.09 -9.29	190.14 -7.62 -20.23	98.32 -2.81 -30.84	61.83 -2.47 -4.41	84.84 -4.54 -0.46	75.06 -4.47 -3.00	74.91 -4.87 -6.92	53.75 -2.36 -20.62	78.59 -4.60 -14.19	71.54 -4.30 -10.72	88.26 -7.67 5.43	24.77 -6.98 59.63	-0.93 -3.33 40.00	0.84 -4.07 44.52	1.14 -4.28 43.75	16.07 -4.92 32.92	31.35 -6.42 29.50
MORTIMER_115KV_TB3 55949	88.92 -2.00 0.00	112.76 -2.63 0.00	111.58 -2.65 0.00	98.67 -2.59 0.00	134.28 -3.53 0.00	98.89 -1.85 0.00	113.35 -3.30 0.44	136.65 -4.69 -0.04	172.26 -5.50 -0.23	70.26 -1.89 -1.86	58.35 -1.54 0.00	85.98 -3.23 -0.28	75.40 -2.97 -1.85	74.08 -3.04 -4.26	49.20 -1.41 -15.12	74.74 -3.00 -8.73	69.63 -2.61 -7.13	96.04 -4.54 0.79	76.83 -4.17 10.39	41.50 -1.81 -0.91	42.57 -2.08 4.78	44.86 -2.31 2.00	45.23 -2.69 5.99	62.25 -3.23 1.79
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	100.58 7.30 -2.37	133.05 9.20 -8.46	131.16 8.68 -8.24	127.84 7.23 -19.35	165.98 10.16 -18.01	126.89 7.65 -18.51	205.18 10.31 -77.78	207.37 12.92 -53.15	313.44 16.78 -119.14	291.12 6.91 -213.92	90.24 5.41 -24.94	98.42 7.29 -2.21	97.07 6.06 -14.49	112.02 5.70 -33.45	157.34 2.83 -119.03	143.85 5.78 -69.06	132.57 5.64 -61.81	131.83 9.09 -21.37	140.33 8.19 -40.74	69.85 3.83 -23.62	59.98 4.50 -6.05	53.37 4.21 0.00	60.61 4.39 -2.31	72.05 4.77 0.00
MUNSVILLE_WIND_PWR 323609	100.72 8.75 -1.05	129.93 10.78 -3.76	128.41 10.50 -3.67	119.10 9.23 -8.61	158.64 12.81 -8.02	119.97 11.00 -8.23	166.29 13.37 -35.83	180.16 15.63 -23.22	249.37 21.42 -50.41	153.71 8.76 -74.66	77.78 6.84 -11.05	99.46 9.82 -0.71	88.93 7.76 -4.65	90.93 7.36 -10.71	77.65 3.98 -38.18	98.86 7.89 -21.96	94.34 7.48 -21.75	129.10 11.20 -16.54	158.19 9.72 -57.08	61.00 3.82 -14.78	71.62 3.78 -18.41	58.50 2.40 -6.94	74.49 1.86 -18.73	74.92 1.78 -5.86
N SALMON___HYD 24042	92.24 1.32 0.00	117.15 1.76 0.00	116.14 1.90 0.00	103.20 1.94 0.00	139.80 1.99 0.00	101.40 0.66 0.00	116.97 -0.12 0.00	141.00 -0.31 0.00	176.35 -1.18 0.00	69.91 -0.38 0.00	60.01 0.11 0.00	88.23 -0.69 0.00	76.21 -0.31 0.00	72.55 -0.32 0.00	35.17 -0.31 0.00	68.58 -0.42 0.00	64.72 -0.39 0.00	101.06 -0.30 0.00	90.77 -0.62 0.00	42.01 -0.39 0.00	48.92 -0.51 0.00	48.97 -0.20 0.00	53.78 -0.13 0.00	67.82 0.54 0.00
N.AKRON__115KV_KNAPP 355671	87.17 -3.75 0.00	110.64 -4.75 0.00	109.54 -4.69 0.00	96.67 -4.59 0.00	131.44 -6.36 0.00	97.10 -3.63 0.00	110.01 -6.45 0.63	132.31 -9.04 -0.05	166.83 -10.99 -0.28	68.71 -3.81 -2.23	56.79 -3.09 0.00	83.06 -6.20 -0.33	72.88 -5.84 -2.20	72.13 -5.79 -5.06	50.09 -2.84 -17.45	73.60 -5.79 -10.39	68.34 -5.07 -8.30	91.18 -8.39 1.80	64.79 -7.14 19.47	34.73 -2.94 4.73	34.98 -3.31 11.14	37.55 -3.57 8.04	38.89 -4.22 10.80	56.48 -4.90 5.89
N.BELMOR_69_KV_BK1 55787	101.87 8.59 -2.37	136.15 11.39 -9.37	133.13 10.64 -8.25	129.77 9.15 -19.37	168.07 12.24 -18.02	145.14 10.15 -34.26	211.59 12.08 -82.41	222.95 15.13 -66.51	314.93 18.24 -119.15	291.07 6.83 -213.95	95.65 6.28 -29.48	99.45 8.32 -2.21	97.92 6.91 -14.49	113.14 6.83 -33.46	160.95 3.41 -122.06	150.00 7.01 -73.98	166.89 6.84 -94.93	166.64 10.69 -54.58	229.42 10.11 -127.91	146.86 4.79 -99.67	137.75 5.62 -82.70	115.34 5.36 -60.82	109.47 5.65 -49.91	73.25 5.97 0.00
N.E_GEN_SANDY PD 24062	148.96 6.96 -51.09	168.43 8.97 -44.07	172.05 8.66 -49.15	163.32 7.76 -54.31	202.95 10.63 -54.51	159.53 7.95 -50.85	295.52 9.74 -168.70	276.89 11.40 -124.18	453.02 14.59 -260.90	493.39 6.17 -416.94	110.10 4.75 -45.45	97.34 5.91 -2.50	98.08 5.11 -16.45	115.55 4.79 -37.90	170.93 2.28 -133.16	151.83 4.67 -78.16	145.79 4.52 -76.16	145.86 7.19 -37.30	185.91 6.52 -87.99	124.56 3.04 -79.12	95.13 3.56 -42.14	98.02 3.42 -45.43	107.39 3.69 -49.79	110.98 4.20 -39.51
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	99.37 6.20 -2.25	131.36 7.93 -8.05	129.53 7.46 -7.84	125.99 6.33 -18.41	163.78 8.84 -17.13	125.05 6.72 -17.60	200.12 9.06 -73.97	202.97 11.14 -50.52	305.07 14.37 -113.16	278.58 5.93 -202.37	88.20 4.59 -23.72	97.22 6.18 -2.11	95.46 5.06 -13.88	109.68 4.75 -32.07	152.04 2.40 -114.15	140.29 4.97 -66.31	129.33 4.85 -59.35	129.76 7.87 -20.52	137.66 7.15 -39.12	68.41 3.33 -22.68	59.16 3.93 -5.81	52.84 3.67 0.00	59.91 3.79 -2.22	71.38 4.11 0.00
N.QUEENS_27_KV_LOAD 356247	100.81 7.53 -2.37	133.13 9.28 -8.46	131.39 8.91 -8.24	127.79 7.18 -19.35	166.34 10.51 -18.01	127.03 7.78 -18.51	205.58 10.70 -77.78	208.02 13.56 -53.15	314.41 17.74 -119.13	291.35 7.15 -213.91	90.33 5.50 -24.94	98.50 7.37 -2.21	97.10 6.09 -14.49	112.13 5.82 -33.45	157.59 2.93 -119.18	144.08 6.01 -69.06	133.10 5.94 -62.04	132.33 9.35 -21.62	141.35 8.55 -41.40	69.92 3.90 -23.62	60.09 4.62 -6.05	53.55 4.38 0.00	60.82 4.61 -2.31	72.20 4.93 0.00
N.TROY___115KV_TB1 355778	109.27 5.49 -12.86	168.41 7.08 -45.94	165.88 6.88 -44.77	212.50 6.14 -105.10	244.02 8.38 -97.83	207.53 6.30 -100.50	547.07 7.60 -422.37	432.64 8.93 -282.40	798.32 11.44 -609.35	936.66 4.77 -861.61	198.35 3.80 -134.66	96.90 5.20 -2.77	99.25 4.52 -18.22	119.04 4.25 -41.93	186.36 2.01 -148.86	159.67 3.98 -86.68	147.62 3.78 -78.73	134.52 5.94 -27.22	148.66 5.38 -51.89	74.97 2.49 -30.08	60.02 2.89 -7.70	51.97 2.80 0.00	59.93 3.08 -2.94	70.83 3.56 0.00
NARROWS_GT1_1 24228	101.26 7.97 -2.37	133.84 10.00 -8.46	131.91 9.42 -8.24	128.36 7.75 -19.35	166.86 11.03 -18.01	127.51 8.26 -18.51	206.01 11.14 -77.78	208.42 13.96 -53.15	314.84 18.18 -119.13	291.65 7.45 -213.91	90.62 5.79 -24.94	99.02 7.89 -2.21	97.54 6.53 -14.49	112.46 6.15 -33.45	157.56 3.05 -119.03	144.27 6.20 -69.06	132.93 6.01 -61.81	132.33 9.60 -21.37	140.80 8.66 -40.74	70.08 4.06 -23.62	67.21 4.96 -12.82	68.78 4.68 -14.94	69.63 4.84 -10.87	80.36 5.20 -7.89
NARROWS_GT1_2 24229	101.26 7.97 -2.37	133.84 10.00 -8.46	131.91 9.42 -8.24	128.36 7.75 -19.35	166.86 11.03 -18.01	127.51 8.26 -18.51	206.01 11.14 -77.78	208.42 13.96 -53.15	314.84 18.18 -119.13	291.65 7.45 -213.91	90.62 5.79 -24.94	99.02 7.89 -2.21	97.54 6.53 -14.49	112.46 6.15 -33.45	157.56 3.05 -119.03	144.27 6.20 -69.06	132.93 6.01 -61.81	132.33 9.60 -21.37	140.80 8.66 -40.74	70.08 4.06 -23.62	67.21 4.96 -12.82	68.78 4.68 -14.94	69.63 4.84 -10.87	80.36 5.20 -7.89
NARROWS_GT1_3 24230	101.26 7.97 -2.37	133.84 10.00 -8.46	131.91 9.42 -8.24	128.36 7.75 -19.35	166.86 11.03 -18.01	127.51 8.26 -18.51	206.01 11.14 -77.78	208.42 13.96 -53.15	314.84 18.18 -119.13	291.65 7.45 -213.91	90.62 5.79 -24.94	99.02 7.89 -2.21	97.54 6.53 -14.49	112.46 6.15 -33.45	157.56 3.05 -119.03	144.27 6.20 -69.06	132.93 6.01 -61.81	132.33 9.60 -21.37	140.80 8.66 -40.74	70.08 4.06 -23.62	67.21 4.96 -12.82	68.78 4.68 -14.94	69.63 4.84 -10.87	80.36 5.20 -7.89
NARROWS_GT1_4 24231	101.26 7.97 -2.37	133.84 10.00 -8.46	131.91 9.42 -8.24	128.36 7.75 -19.35	166.86 11.03 -18.01	127.51 8.26 -18.51	206.01 11.14 -77.78	208.42 13.96 -53.15	314.84 18.18 -119.13	291.65 7.45 -213.91	90.62 5.79 -24.94	99.02 7.89 -2.21	97.54 6.53 -14.49	112.46 6.15 -33.45	157.56 3.05 -119.03	144.27 6.20 -69.06	132.93 6.01 -61.81	132.33 9.60 -21.37	140.80 8.66 -40.74	70.08 4.06 -23.62	67.21 4.96 -12.82	68.78 4.68 -14.94	69.63 4.84 -10.87	80.36 5.20 -7.89

NARROWS_GT1_5 24232	101.26 7.97 -2.37	133.84 10.00 -8.46	131.91 9.42 -8.24	128.36 7.75 -19.35	166.86 11.03 -18.01	127.51 8.26 -18.51	206.01 11.14 -77.78	208.42 13.96 -53.15	314.84 18.18 -119.13	291.65 7.45 -213.91	90.62 5.79 -24.94	99.02 7.89 -2.21	97.54 6.53 -14.49	112.46 6.15 -33.45	157.56 3.05 -119.03	144.27 6.20 -69.06	132.93 6.01 -61.81	132.33 9.60 -21.37	140.80 8.66 -40.74	70.08 4.06 -23.62	67.21 4.96 -12.82	68.78 4.68 -14.94	69.63 4.84 -10.87	80.36 5.20 -7.89
NARROWS_GT1_6 24233	101.26 7.97 -2.37	133.84 10.00 -8.46	131.91 9.42 -8.24	128.36 7.75 -19.35	166.86 11.03 -18.01	127.51 8.26 -18.51	206.01 11.14 -77.78	208.42 13.96 -53.15	314.84 18.18 -119.13	291.65 7.45 -213.91	90.62 5.79 -24.94	99.02 7.89 -2.21	97.54 6.53 -14.49	112.46 6.15 -33.45	157.56 3.05 -119.03	144.27 6.20 -69.06	132.93 6.01 -61.81	132.33 9.60 -21.37	140.80 8.66 -40.74	70.08 4.06 -23.62	67.21 4.96 -12.82	68.78 4.68 -14.94	69.63 4.84 -10.87	80.36 5.20 -7.89
NARROWS_GT1_7 24234	101.26 7.97 -2.37	133.84 10.00 -8.46	131.91 9.42 -8.24	128.36 7.75 -19.35	166.86 11.03 -18.01	127.51 8.26 -18.51	206.01 11.14 -77.78	208.42 13.96 -53.15	314.84 18.18 -119.13	291.65 7.45 -213.91	90.62 5.79 -24.94	99.02 7.89 -2.21	97.54 6.53 -14.49	112.46 6.15 -33.45	157.56 3.05 -119.03	144.27 6.20 -69.06	132.93 6.01 -61.81	132.33 9.60 -21.37	140.80 8.66 -40.74	70.08 4.06 -23.62	67.21 4.96 -12.82	68.78 4.68 -14.94	69.63 4.84 -10.87	80.36 5.20 -7.89
NARROWS_GT1_8 24235	101.26 7.97 -2.37	133.84 10.00 -8.46	131.91 9.42 -8.24	128.36 7.75 -19.35	166.86 11.03 -18.01	127.51 8.26 -18.51	206.01 11.14 -77.78	208.42 13.96 -53.15	314.84 18.18 -119.13	291.65 7.45 -213.91	90.62 5.79 -24.94	99.02 7.89 -2.21	97.54 6.53 -14.49	112.46 6.15 -33.45	157.56 3.05 -119.03	144.27 6.20 -69.06	132.93 6.01 -61.81	132.33 9.60 -21.37	140.80 8.66 -40.74	70.08 4.06 -23.62	67.21 4.96 -12.82	68.78 4.68 -14.94	69.63 4.84 -10.87	80.36 5.20 -7.89
NARROWS_GT2_1 24236	101.26 7.97 -2.37	133.84 10.00 -8.46	131.91 9.42 -8.24	128.36 7.75 -19.35	166.86 11.03 -18.01	127.51 8.26 -18.51	206.01 11.14 -77.78	208.42 13.96 -53.15	314.84 18.18 -119.13	291.65 7.45 -213.91	90.62 5.79 -24.94	99.02 7.89 -2.21	97.54 6.53 -14.49	112.46 6.15 -33.45	157.56 3.05 -119.03	144.27 6.20 -69.06	132.93 6.01 -61.81	132.33 9.60 -21.37	140.80 8.66 -40.74	70.08 4.06 -23.62	67.21 4.96 -12.82	68.78 4.68 -14.94	69.63 4.84 -10.87	80.36 5.20 -7.89
NARROWS_GT2_2 24237	101.26 7.97 -2.37	133.84 10.00 -8.46	131.91 9.42 -8.24	128.36 7.75 -19.35	166.86 11.03 -18.01	127.51 8.26 -18.51	206.01 11.14 -77.78	208.42 13.96 -53.15	314.84 18.18 -119.13	291.65 7.45 -213.91	90.62 5.79 -24.94	99.02 7.89 -2.21	97.54 6.53 -14.49	112.46 6.15 -33.45	157.56 3.05 -119.03	144.27 6.20 -69.06	132.93 6.01 -61.81	132.33 9.60 -21.37	140.80 8.66 -40.74	70.08 4.06 -23.62	67.21 4.96 -12.82	68.78 4.68 -14.94	69.63 4.84 -10.87	80.36 5.20 -7.89
NARROWS_GT2_3 24238	101.26 7.97 -2.37	133.84 10.00 -8.46	131.91 9.42 -8.24	128.36 7.75 -19.35	166.86 11.03 -18.01	127.51 8.26 -18.51	206.01 11.14 -77.78	208.42 13.96 -53.15	314.84 18.18 -119.13	291.65 7.45 -213.91	90.62 5.79 -24.94	99.02 7.89 -2.21	97.54 6.53 -14.49	112.46 6.15 -33.45	157.56 3.05 -119.03	144.27 6.20 -69.06	132.93 6.01 -61.81	132.33 9.60 -21.37	140.80 8.66 -40.74	70.08 4.06 -23.62	67.21 4.96 -12.82	68.78 4.68 -14.94	69.63 4.84 -10.87	80.36 5.20 -7.89
NARROWS_GT2_4 24239	101.26 7.97 -2.37	133.84 10.00 -8.46	131.91 9.42 -8.24	128.36 7.75 -19.35	166.86 11.03 -18.01	127.51 8.26 -18.51	206.01 11.14 -77.78	208.42 13.96 -53.15	314.84 18.18 -119.13	291.65 7.45 -213.91	90.62 5.79 -24.94	99.02 7.89 -2.21	97.54 6.53 -14.49	112.46 6.15 -33.45	157.56 3.05 -119.03	144.27 6.20 -69.06	132.93 6.01 -61.81	132.33 9.60 -21.37	140.80 8.66 -40.74	70.08 4.06 -23.62	67.21 4.96 -12.82	68.78 4.68 -14.94	69.63 4.84 -10.87	80.36 5.20 -7.89
NARROWS_GT2_5 24240	101.26 7.97 -2.37	133.84 10.00 -8.46	131.91 9.42 -8.24	128.36 7.75 -19.35	166.86 11.03 -18.01	127.51 8.26 -18.51	206.01 11.14 -77.78	208.42 13.96 -53.15	314.84 18.18 -119.13	291.65 7.45 -213.91	90.62 5.79 -24.94	99.02 7.89 -2.21	97.54 6.53 -14.49	112.46 6.15 -33.45	157.56 3.05 -119.03	144.27 6.20 -69.06	132.93 6.01 -61.81	132.33 9.60 -21.37	140.80 8.66 -40.74	70.08 4.06 -23.62	67.21 4.96 -12.82	68.78 4.68 -14.94	69.63 4.84 -10.87	80.36 5.20 -7.89
NARROWS_GT2_6 24241	101.26 7.97 -2.37	133.84 10.00 -8.46	131.91 9.42 -8.24	128.36 7.75 -19.35	166.86 11.03 -18.01	127.51 8.26 -18.51	206.01 11.14 -77.78	208.42 13.96 -53.15	314.84 18.18 -119.13	291.65 7.45 -213.91	90.62 5.79 -24.94	99.02 7.89 -2.21	97.54 6.53 -14.49	112.46 6.15 -33.45	157.56 3.05 -119.03	144.27 6.20 -69.06	132.93 6.01 -61.81	132.33 9.60 -21.37	140.80 8.66 -40.74	70.08 4.06 -23.62	67.21 4.96 -12.82	68.78 4.68 -14.94	69.63 4.84 -10.87	80.36 5.20 -7.89
NARROWS_GT2_7 24242	101.26 7.97 -2.37	133.84 10.00 -8.46	131.91 9.42 -8.24	128.36 7.75 -19.35	166.86 11.03 -18.01	127.51 8.26 -18.51	206.01 11.14 -77.78	208.42 13.96 -53.15	314.84 18.18 -119.13	291.65 7.45 -213.91	90.62 5.79 -24.94	99.02 7.89 -2.21	97.54 6.53 -14.49	112.46 6.15 -33.45	157.56 3.05 -119.03	144.27 6.20 -69.06	132.93 6.01 -61.81	132.33 9.60 -21.37	140.80 8.66 -40.74	70.08 4.06 -23.62	67.21 4.96 -12.82	68.78 4.68 -14.94	69.63 4.84 -10.87	80.36 5.20 -7.89
NARROWS_GT2_8 24243	101.26 7.97 -2.37	133.84 10.00 -8.46	131.91 9.42 -8.24	128.36 7.75 -19.35	166.86 11.03 -18.01	127.51 8.26 -18.51	206.01 11.14 -77.78	208.42 13.96 -53.15	314.84 18.18 -119.13	291.65 7.45 -213.91	90.62 5.79 -24.94	99.02 7.89 -2.21	97.54 6.53 -14.49	112.46 6.15 -33.45	157.56 3.05 -119.03	144.27 6.20 -69.06	132.93 6.01 -61.81	132.33 9.60 -21.37	140.80 8.66 -40.74	70.08 4.06 -23.62	67.21 4.96 -12.82	68.78 4.68 -14.94	69.63 4.84 -10.87	80.36 5.20 -7.89
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	104.01 7.22 -5.87	145.41 9.06 -20.96	143.62 8.96 -20.42	156.87 7.66 -47.95	193.20 10.76 -44.63	154.39 7.80 -45.85	319.00 9.21 -192.70	281.53 11.17 -129.05	471.03 14.22 -279.27	478.29 4.78 -403.22	125.89 4.54 -61.46	97.98 6.46 -2.59	99.23 5.66 -17.04	117.73 5.30 -39.56	178.19 2.30 -140.41	155.06 4.65 -81.40	143.35 4.48 -73.77	133.96 7.09 -25.50	146.33 6.32 -48.62	73.47 2.88 -28.18	60.00 3.36 -7.22	52.45 3.29 0.00	60.30 3.64 -2.76	71.96 4.69 0.00
NCHELSEA_115KV_TR2 355582	101.29 7.92 -2.46	134.20 10.05 -8.77	132.37 9.59 -8.54	129.60 8.29 -20.06	168.05 11.57 -18.67	128.73 8.81 -19.18	209.15 11.44 -80.61	210.44 14.13 -55.00	318.70 18.19 -122.97	295.36 7.42 -217.66	91.45 5.73 -25.84	98.86 7.73 -2.20	97.43 6.48 -14.42	112.29 5.77 -33.66	158.01 2.88 -119.65	144.00 5.94 -69.05	132.75 5.84 -61.80	132.15 9.42 -21.36	140.63 8.51 -40.73	69.97 3.96 -23.61	60.10 4.62 -6.05	53.52 4.36 0.00	60.77 4.55 -2.31	72.31 5.04 0.00
NEG CAPITAL___MECHNVIL 23645	111.49 6.03 -14.54	175.03 7.70 -51.94	172.38 7.53 -50.61	226.80 6.71 -118.83	257.59 9.17 -110.61	221.33 6.96 -113.63	603.27 8.63 -477.55	470.86 10.35 -319.20	879.35 13.41 -688.40	1045.56 5.46 -969.81	216.62 4.41 -152.32	97.91 6.18 -2.81	100.29 5.32 -18.45	120.37 5.05 -42.46	188.69 2.46 -150.75	161.71 4.90 -87.79	149.54 4.67 -79.75	136.33 7.39 -27.57	150.63 6.67 -52.56	75.95 3.08 -30.47	60.74 3.51 -7.80	52.52 3.36 0.00	60.50 3.62 -2.98	71.39 4.12 0.00

NEG CENTRAL_HIGH_ACRES 23767	87.86 -3.06 0.00	111.35 -4.03 0.00	110.19 -4.05 0.00	97.48 -3.78 0.00	132.77 -5.04 0.00	97.73 -3.01 0.00	112.56 -4.21 0.32	135.91 -5.43 -0.04	171.30 -6.46 -0.22	69.80 -2.28 -1.80	57.96 -1.93 0.00	85.51 -3.69 -0.27	74.99 -3.32 -1.79	73.65 -3.34 -4.12	48.57 -1.55 -14.64	74.23 -3.23 -8.45	69.27 -2.93 -7.08	96.57 -4.90 -0.11	80.72 -4.52 6.16	41.77 -2.03 -1.40	43.80 -2.40 3.23	45.13 -2.60 1.43	46.66 -3.02 4.22	62.26 -3.73 1.28
NEG CENTRAL___DRP 24199	90.54 -0.38 0.00	114.47 -0.92 0.00	113.41 -0.82 0.00	100.75 -0.51 0.00	136.79 -1.02 0.00	100.76 0.03 0.00	116.74 0.15 0.50	142.00 0.65 -0.04	179.59 1.80 -0.25	72.98 0.69 -2.01	60.56 0.67 0.00	89.70 0.47 -0.30	78.68 0.18 -1.98	77.45 0.03 -4.56	52.05 0.11 -16.46	78.43 0.07 -9.35	72.82 0.12 -7.59	100.29 -0.03 1.05	80.90 -0.16 10.34	45.97 0.00 -3.57	46.03 -0.07 3.33	49.31 -0.26 -0.41	47.64 -0.59 5.68	65.85 -1.11 0.32
NEG CENTRAL___INDECK 23768	91.81 0.53 -0.36	116.91 0.22 -1.30	116.02 0.52 -1.27	104.59 0.35 -2.98	140.88 0.30 -2.78	105.00 1.42 -2.85	126.42 -1.52 -10.85	146.22 -3.12 -8.03	192.02 -2.99 -17.47	95.73 -1.19 -26.63	62.96 -0.73 -3.81	86.50 -2.83 -0.40	76.55 -2.57 -2.60	75.72 -3.14 -6.00	58.28 -1.32 -24.11	78.49 -2.82 -12.30	71.90 -2.43 -9.22	91.20 -5.05 5.11	72.28 -4.03 15.08	67.79 -1.30 -26.69	57.60 -0.30 -8.48	70.10 -1.16 -22.10	47.95 -1.60 4.36	77.89 -2.27 -12.88
NEG CENTRAL___SENECA 23627	90.37 -0.55 0.00	114.00 -1.39 0.00	112.95 -1.29 0.00	100.49 -0.77 0.00	136.17 -1.64 0.00	100.57 -0.16 0.00	116.00 -0.12 0.96	141.28 -0.07 -0.05	178.68 0.86 -0.28	72.76 0.24 -2.23	60.28 0.39 0.00	89.26 0.00 -0.33	78.42 -0.29 -2.19	77.47 -0.43 -5.04	53.69 -0.13 -18.33	78.93 -0.42 -10.34	72.48 -0.35 -7.72	96.04 -0.91 4.42	65.32 -0.94 25.14	45.28 -0.32 -3.20	41.04 -0.48 7.90	48.25 -0.68 0.23	41.19 -1.09 11.62	64.28 -1.74 1.26
NEG CENTRAL___STATE_STREET 24147	91.33 0.41 0.00	115.74 0.35 0.00	114.51 0.28 0.00	101.44 0.18 0.00	138.09 0.28 0.00	101.56 0.83 0.00	118.46 1.07 -0.30	143.30 1.95 -0.04	181.30 3.52 -0.25	73.74 1.49 -1.96	61.15 1.27 0.00	90.72 1.49 -0.30	79.55 1.09 -1.94	78.30 0.97 -4.46	52.02 0.56 -15.97	79.15 0.99 -9.16	74.86 1.02 -8.72	108.18 1.58 -5.24	109.50 1.31 -16.80	48.78 0.64 -5.75	55.75 0.83 -5.50	52.30 0.63 -2.51	59.36 0.39 -5.07	69.25 0.02 -1.96
NEG MILLWOOD___DRP 24198	101.64 8.28 -2.45	134.64 10.51 -8.74	132.76 10.01 -8.52	129.88 8.62 -20.00	168.47 12.04 -18.62	129.07 9.21 -19.12	209.44 11.98 -80.37	210.97 14.79 -54.87	319.35 18.99 -122.83	296.91 7.72 -218.91	91.66 6.01 -25.76	99.26 8.11 -2.22	97.84 6.72 -14.60	112.98 6.22 -33.90	159.13 3.09 -120.56	145.08 6.35 -69.72	133.77 6.25 -62.40	132.97 10.03 -21.57	141.61 9.08 -41.13	70.47 4.22 -23.84	60.45 4.92 -6.10	53.78 4.61 0.00	61.07 4.83 -2.33	72.62 5.35 0.00
NEG NORTH_FLCN_SEA 23793	92.25 1.33 0.00	117.21 1.83 0.00	116.20 1.96 0.00	103.33 2.07 0.00	139.89 2.08 0.00	101.28 0.55 0.00	116.60 -0.49 0.00	139.85 -1.45 0.00	175.21 -2.33 0.00	69.69 -0.60 0.00	59.74 -0.15 0.00	87.94 -0.99 0.00	75.88 -0.65 0.00	72.35 -0.51 0.00	35.06 -0.42 0.00	68.46 -0.55 0.00	64.85 -0.27 0.00	100.99 -0.37 0.00	90.65 -0.74 0.00	42.01 -0.39 0.00	48.75 -0.67 0.00	48.67 -0.49 0.00	53.38 -0.53 0.00	67.57 0.30 0.00
NEG NORTH_KES_CHATEGAY 23792	91.09 0.17 0.00	115.64 0.25 0.00	114.73 0.50 0.00	101.91 0.65 0.00	138.21 0.40 0.00	100.24 -0.49 0.00	115.77 -1.33 0.00	139.47 -1.84 0.00	174.38 -3.16 0.00	69.06 -1.23 0.00	59.22 -0.67 0.00	87.18 -1.74 0.00	75.26 -1.26 0.00	71.72 -1.14 0.00	34.77 -0.72 0.00	67.89 -1.12 0.00	64.19 -0.92 0.00	99.94 -1.42 0.00	89.83 -1.56 0.00	41.63 -0.78 0.00	48.44 -0.98 0.00	48.37 -0.79 0.00	53.07 -0.84 0.00	66.94 -0.33 0.00
NEG NORTH___ALICE_FALLS 23915	92.70 1.78 0.00	117.79 2.40 0.00	116.78 2.55 0.00	103.79 2.54 0.00	140.60 2.79 0.00	102.01 1.28 0.00	117.68 0.58 0.00	141.46 0.15 0.00	177.20 -0.33 0.00	70.31 0.02 0.00	60.24 0.35 0.00	88.64 -0.28 0.00	76.49 -0.03 0.00	72.88 0.02 0.00	35.33 -0.15 0.00	68.99 -0.02 0.00	65.33 0.22 0.00	101.88 0.51 0.00	91.42 0.03 0.00	42.35 -0.06 0.00	49.17 -0.26 0.00	49.07 -0.09 0.00	53.77 -0.14 0.00	67.94 0.67 0.00
NEG NORTH___LWR_SARANAC 23913	92.70 1.78 0.00	117.79 2.40 0.00	116.78 2.55 0.00	103.79 2.54 0.00	140.60 2.79 0.00	102.01 1.28 0.00	117.68 0.58 0.00	141.46 0.15 0.00	177.20 -0.33 0.00	70.31 0.02 0.00	60.24 0.35 0.00	88.64 -0.28 0.00	76.49 -0.03 0.00	72.88 0.02 0.00	35.33 -0.15 0.00	68.99 -0.02 0.00	65.33 0.22 0.00	101.88 0.51 0.00	91.42 0.03 0.00	42.35 -0.06 0.00	49.17 -0.26 0.00	49.07 -0.09 0.00	53.77 -0.14 0.00	67.94 0.67 0.00
NEG NORTH___PLATTSBURG 23628	92.69 1.78 0.00	117.80 2.42 0.00	116.78 2.55 0.00	103.79 2.54 0.00	140.61 2.80 0.00	102.01 1.28 0.00	117.68 0.59 0.00	141.46 0.15 0.00	177.20 -0.33 0.00	70.31 0.02 0.00	60.24 0.35 0.00	88.64 -0.29 0.00	76.49 -0.03 0.00	72.89 0.03 0.00	35.33 -0.15 0.00	68.99 -0.02 0.00	65.34 0.22 0.00	101.88 0.52 0.00	91.42 0.03 0.00	42.35 -0.06 0.00	49.17 -0.26 0.00	49.07 -0.09 0.00	53.77 -0.14 0.00	67.94 0.67 0.00
NEG WEST_LEA_LOCKPORT 23791	85.04 -5.88 0.00	107.99 -7.39 0.00	106.97 -7.26 0.00	94.43 -6.83 0.00	128.31 -9.50 0.00	94.76 -5.97 0.00	106.96 -9.45 0.67	128.37 -12.98 -0.05	161.85 -15.97 -0.29	66.81 -5.78 -2.30	55.26 -4.63 0.00	80.83 -8.44 -0.35	71.15 -7.64 -2.27	70.42 -7.65 -5.21	49.65 -3.70 -17.87	72.17 -7.53 -10.69	66.94 -6.69 -8.51	88.22 -11.15 1.99	60.49 -9.66 21.24	32.54 -3.99 5.87	32.56 -4.47 12.40	35.20 -4.71 9.26	36.77 -5.40 11.74	54.25 -6.31 6.71
NEG WEST___LANCASTER 23811	86.75 -4.54 -0.37	110.93 -5.78 -1.32	109.74 -5.79 -1.29	98.96 -5.32 -3.03	133.20 -7.42 -2.82	99.06 -4.57 -2.89	121.05 -7.34 -11.30	139.43 -10.04 -8.17	183.43 -11.88 -17.78	93.10 -4.30 -27.12	60.23 -3.54 -3.88	83.05 -6.28 -0.40	73.09 -6.09 -2.66	72.93 -6.05 -6.13	53.63 -2.96 -21.10	75.59 -5.99 -12.57	69.68 -5.32 -9.89	89.72 -8.72 2.92	56.91 -7.56 26.92	32.80 -3.39 6.21	30.77 -3.96 14.69	34.84 -4.13 10.20	34.76 -4.72 14.42	54.12 -5.62 7.54
NEG_PENN_ALLEGHNY 23528	92.02 0.37 -0.74	118.42 0.41 -2.63	117.00 0.20 -2.56	107.32 0.06 -6.01	143.58 0.17 -5.59	107.10 0.63 -5.74	141.55 0.68 -23.78	158.15 0.60 -16.24	214.65 1.70 -35.42	124.80 0.80 -53.71	68.18 0.56 -7.73	90.57 0.90 -0.74	81.95 0.58 -4.84	84.55 0.53 -11.15	75.40 0.31 -39.61	92.33 0.45 -22.88	85.52 0.43 -19.98	106.13 0.50 -4.27	92.74 0.41 -0.93	48.72 0.16 -6.16	46.97 0.03 2.48	47.44 -0.11 1.62	49.28 -0.30 4.33	65.23 -0.59 1.45
NEG___GEN_MONROE 24207	89.37 -1.55 0.00	113.28 -2.11 0.00	112.09 -2.15 0.00	99.09 -2.17 0.00	134.90 -2.91 0.00	99.43 -1.30 0.00	113.86 -2.78 0.45	137.28 -4.06 -0.04	173.00 -4.78 -0.24	70.61 -1.56 -1.88	58.63 -1.25 0.00	86.27 -2.94 -0.28	75.55 -2.84 -1.87	74.28 -2.88 -4.30	49.41 -1.34 -15.27	74.94 -2.88 -8.82	69.81 -2.50 -7.19	96.28 -4.25 0.84	76.91 -3.80 10.68	41.68 -1.62 -0.89	42.70 -1.84 4.89	45.02 -2.10 2.04	45.28 -2.51 6.12	62.46 -2.98 1.83

NEPA__ENERGY 23901	87.46 -3.81 -0.35	111.62 -5.01 -1.25	110.40 -5.05 -1.21	99.21 -4.90 -2.85	133.46 -7.00 -2.65	99.68 -3.78 -2.72	121.25 -6.47 -10.63	140.19 -8.80 -7.68	183.91 -10.34 -16.72	92.24 -3.54 -25.50	60.53 -3.01 -3.64	83.50 -5.81 -0.38	73.20 -5.83 -2.51	72.64 -6.00 -5.78	52.29 -2.82 -19.62	74.80 -6.05 -11.85	68.87 -5.56 -9.32	89.02 -9.56 2.78	55.35 -8.88 27.17	29.83 -4.00 8.57	28.81 -4.64 15.98	32.02 -4.87 12.27	33.63 -5.55 14.73	51.82 -6.64 8.81
NEVERSINK__HYD 23608	99.48 6.24 -2.33	131.63 7.92 -8.33	129.89 7.54 -8.11	126.77 6.47 -19.05	164.59 9.05 -17.73	126.03 7.08 -18.22	203.28 9.64 -76.55	205.39 12.03 -52.05	308.75 15.57 -115.65	274.29 6.34 -197.67	88.86 4.46 -24.51	96.78 5.87 -1.98	94.56 4.99 -13.04	107.71 4.22 -30.63	146.45 2.14 -108.83	136.25 4.59 -62.66	125.81 4.57 -56.13	128.27 7.50 -19.40	135.16 6.77 -36.99	67.00 3.15 -21.44	58.59 3.67 -5.49	52.58 3.42 0.00	59.51 3.50 -2.10	71.00 3.73 0.00
NEWKRMKL_115KV_TB1 55635	105.16 4.71 -9.53	155.50 6.07 -34.05	153.33 5.92 -33.17	184.06 4.93 -77.89	217.24 6.93 -72.50	180.16 4.96 -74.48	435.97 5.88 -313.00	357.58 7.00 -209.27	637.97 8.91 -451.52	712.29 3.78 -638.23	162.71 3.03 -99.80	96.21 4.54 -2.75	98.59 3.99 -18.08	118.09 3.61 -41.62	184.82 1.58 -147.75	157.98 2.92 -86.06	145.99 2.68 -78.20	132.50 4.10 -27.04	146.61 3.67 -51.54	74.06 1.77 -29.88	59.15 2.07 -7.65	51.18 2.02 0.00	59.19 2.36 -2.92	70.30 3.03 0.00
NEWTON__FALLS_HYD 23847	91.22 0.31 0.00	115.81 0.43 0.00	114.62 0.38 0.00	101.82 0.56 0.00	138.00 0.18 0.00	100.48 -0.25 0.00	115.44 -1.65 0.00	139.11 -2.19 0.00	174.39 -3.15 0.00	69.26 -1.03 0.00	59.39 -0.50 0.00	87.66 -1.32 -0.05	75.89 -1.01 -0.38	72.90 -0.83 -0.87	38.14 -0.43 -3.09	69.53 -1.26 -1.78	65.37 -1.35 -1.60	100.24 -1.68 -0.55	90.84 -1.52 -0.96	41.90 -1.11 -0.61	48.24 -1.35 -0.16	48.15 -1.01 0.00	52.77 -1.19 -0.06	66.09 -1.18 0.00
NGRID_A1_DSASP 323792	84.83 -6.08 0.00	107.66 -7.73 0.00	106.63 -7.60 0.00	94.14 -7.12 0.00	127.98 -9.83 0.00	94.37 -6.36 0.00	106.38 -10.02 0.69	127.64 -13.71 -0.05	160.93 -16.90 -0.29	66.46 -6.17 -2.35	54.76 -5.12 0.00	79.93 -9.35 -0.35	70.53 -8.29 -2.31	69.82 -8.35 -5.31	49.71 -3.98 -18.21	71.76 -8.14 -10.89	66.47 -7.31 -8.67	86.86 -12.44 2.06	58.65 -11.00 21.74	31.82 -4.67 5.91	31.51 -5.30 12.62	34.34 -5.47 9.36	35.74 -6.19 11.99	53.26 -7.21 6.80
NGRID_A2_DSASP 323793	84.83 -6.08 0.00	107.66 -7.73 0.00	106.63 -7.60 0.00	94.14 -7.12 0.00	127.98 -9.83 0.00	94.37 -6.36 0.00	106.38 -10.02 0.69	127.64 -13.71 -0.05	160.93 -16.90 -0.29	66.46 -6.17 -2.35	54.76 -5.12 0.00	79.93 -9.35 -0.35	70.53 -8.29 -2.31	69.82 -8.35 -5.31	49.71 -3.98 -18.21	71.76 -8.14 -10.89	66.47 -7.31 -8.67	86.86 -12.44 2.06	58.65 -11.00 21.74	31.82 -4.67 5.91	31.51 -5.30 12.62	34.34 -5.47 9.36	35.74 -6.19 11.99	53.26 -7.21 6.80
NGRID_A4_DSASP 323807	84.83 -6.08 0.00	107.66 -7.73 0.00	106.63 -7.60 0.00	94.14 -7.12 0.00	127.98 -9.83 0.00	94.37 -6.36 0.00	106.38 -10.02 0.69	127.64 -13.71 -0.05	160.93 -16.90 -0.29	66.46 -6.17 -2.35	54.76 -5.12 0.00	79.93 -9.35 -0.35	70.53 -8.29 -2.31	69.82 -8.35 -5.31	49.71 -3.98 -18.21	71.76 -8.14 -10.89	66.47 -7.31 -8.67	86.86 -12.44 2.06	58.65 -11.00 21.74	31.82 -4.67 5.91	31.51 -5.30 12.62	34.34 -5.47 9.36	35.74 -6.19 11.99	53.26 -7.21 6.80
NIAGARA_115E_LBMP 323715	84.40 -6.52 0.00	107.18 -8.21 0.00	106.18 -8.06 0.00	93.67 -7.58 0.00	127.29 -10.52 0.00	93.94 -6.79 0.00	105.90 -10.50 0.70	127.08 -14.28 -0.05	160.31 -17.52 -0.29	66.25 -6.38 -2.35	54.59 -5.30 0.00	79.60 -9.68 -0.35	70.20 -8.64 -2.31	69.50 -8.69 -5.32	49.58 -4.16 -18.25	71.46 -8.47 -10.92	66.29 -7.50 -8.68	86.78 -12.48 2.10	59.06 -10.41 21.93	31.94 -4.52 5.94	31.59 -5.14 12.70	34.45 -5.31 9.40	35.74 -6.10 12.07	53.32 -7.12 6.83
NIAGARA_115W_LBMP 323714	84.68 -6.24 0.00	107.45 -7.94 0.00	106.46 -7.78 0.00	93.96 -7.29 0.00	127.75 -10.06 0.00	94.21 -6.52 0.00	106.21 -10.19 0.69	127.38 -13.97 -0.05	160.69 -17.14 -0.29	66.32 -6.31 -2.34	54.66 -5.23 0.00	79.77 -9.51 -0.35	70.39 -8.43 -2.30	69.71 -8.46 -5.30	49.62 -4.04 -18.18	71.61 -8.27 -10.88	66.36 -7.41 -8.65	86.70 -12.61 2.05	58.61 -11.13 21.65	31.82 -4.72 5.87	31.50 -5.37 12.56	34.33 -5.52 9.31	35.71 -6.26 11.94	53.20 -7.30 6.76
NIAGARA_230_LBMP 323716	85.31 -5.61 0.00	108.23 -7.15 0.00	107.20 -7.03 0.00	94.66 -6.59 0.00	128.74 -9.08 0.00	94.91 -5.82 0.00	107.19 -9.24 0.67	128.60 -12.75 -0.05	162.15 -15.68 -0.29	66.86 -5.74 -2.31	55.16 -4.73 0.00	80.66 -8.62 -0.35	71.14 -7.65 -2.27	70.42 -7.68 -5.24	49.82 -3.65 -17.98	72.24 -7.50 -10.74	66.95 -6.73 -8.56	87.89 -11.52 1.95	60.25 -10.26 20.89	32.40 -4.51 5.49	32.20 -5.14 12.09	34.96 -5.30 8.91	36.42 -5.94 11.55	53.88 -6.90 6.49
NIAGARA__115KV_198_GIBSON 55903	84.70 -6.22 0.00	107.47 -7.91 0.00	106.43 -7.80 0.00	93.99 -7.26 0.00	127.68 -10.13 0.00	94.21 -6.52 0.00	106.12 -10.28 0.69	127.27 -14.09 -0.05	160.40 -17.42 -0.29	66.20 -6.43 -2.34	54.56 -5.33 0.00	79.76 -9.51 -0.35	70.39 -8.43 -2.30	69.72 -8.44 -5.30	49.61 -4.06 -18.18	71.60 -8.28 -10.88	66.34 -7.44 -8.65	86.70 -12.61 2.05	58.61 -11.13 21.65	31.83 -4.71 5.87	31.54 -5.33 12.56	34.31 -5.54 9.31	35.71 -6.26 11.94	53.19 -7.32 6.76
NIAGARA____ 23760	85.31 -5.61 0.00	108.23 -7.15 0.00	107.20 -7.03 0.00	94.66 -6.59 0.00	128.74 -9.08 0.00	94.91 -5.82 0.00	107.17 -9.24 0.68	128.60 -12.75 -0.05	162.15 -15.68 -0.29	66.88 -5.74 -2.33	55.16 -4.73 0.00	80.66 -8.62 -0.35	71.16 -7.65 -2.29	70.47 -7.68 -5.28	49.96 -3.65 -18.12	72.33 -7.50 -10.83	67.01 -6.73 -8.63	87.86 -11.52 1.98	60.04 -10.26 21.09	32.32 -4.51 5.57	32.08 -5.14 12.21	34.85 -5.30 9.01	36.32 -5.94 11.65	53.79 -6.90 6.58
NINE_MILE_1 23575	87.64 -3.28 0.00	111.18 -4.21 0.00	110.05 -4.18 0.00	97.46 -3.80 0.00	132.66 -5.15 0.00	97.22 -3.51 0.00	113.09 -4.00 0.00	136.29 -5.02 0.00	171.49 -6.04 0.00	68.03 -2.25 0.00	57.90 -1.99 0.00	85.97 -3.08 -0.13	74.66 -2.68 -0.83	72.17 -2.59 -1.90	41.03 -1.21 -6.75	70.45 -2.45 -3.89	66.34 -2.28 -3.50	98.95 -3.63 -1.21	90.39 -3.31 -2.32	42.26 -1.48 -1.34	48.00 -1.77 -0.34	47.34 -1.83 0.00	51.97 -2.07 -0.13	64.61 -2.67 0.00
NINE_MILE_2 23744	87.64 -3.28 0.00	111.17 -4.22 0.00	110.05 -4.18 0.00	97.46 -3.80 0.00	132.66 -5.15 0.00	97.22 -3.51 0.00	113.08 -4.01 0.00	136.29 -5.02 0.00	171.49 -6.04 0.00	68.03 -2.25 0.00	57.90 -1.99 0.00	85.97 -3.08 -0.12	74.66 -2.68 -0.82	72.16 -2.59 -1.89	41.00 -1.21 -6.72	70.43 -2.45 -3.88	66.33 -2.28 -3.49	98.94 -3.63 -1.21	90.38 -3.31 -2.31	42.26 -1.48 -1.33	48.00 -1.77 -0.34	47.34 -1.83 0.00	51.97 -2.07 -0.13	64.61 -2.67 0.00
NM_CAPITAL__DRP 24208	105.51 5.07 -9.52	155.93 6.55 -34.00	153.76 6.40 -33.13	184.45 5.42 -77.78	217.74 7.53 -72.40	180.56 5.45 -74.37	436.08 6.43 -312.57	357.90 7.57 -209.03	638.38 9.64 -451.20	714.14 4.09 -639.77	162.79 3.26 -99.64	96.27 4.60 -2.74	98.58 4.03 -18.03	118.04 3.68 -41.50	184.45 1.63 -147.34	157.90 3.08 -85.81	145.92 2.84 -77.96	132.68 4.37 -26.95	146.71 3.93 -51.38	74.06 1.87 -29.79	59.23 2.18 -7.63	51.32 2.16 0.00	59.31 2.49 -2.91	70.38 3.11 0.00

NM_CENTRAL___DRP 24181	89.82 -1.09 0.00	113.89 -1.49 0.00	112.68 -1.56 0.00	99.76 -1.49 0.00	135.86 -1.95 0.00	99.74 -0.99 0.00	116.10 -0.99 0.00	140.14 -1.20 -0.03	176.79 -0.92 -0.17	71.43 -0.22 -1.36	59.61 -0.28 0.00	88.55 -0.58 -0.21	77.30 -0.60 -1.37	75.45 -0.57 -3.16	46.49 -0.20 -11.21	74.95 -0.53 -6.47	70.50 -0.43 -5.82	102.57 -0.81 -2.01	94.42 -0.82 -3.85	44.28 -0.34 -2.22	49.51 -0.49 -0.57	48.54 -0.63 0.00	53.29 -0.84 -0.22	66.05 -1.22 0.00
NM_FRONTIER___DRP 24179	84.70 -6.22 0.00	107.47 -7.91 0.00	106.43 -7.80 0.00	93.99 -7.26 0.00	127.68 -10.13 0.00	94.21 -6.52 0.00	106.12 -10.28 0.69	127.27 -14.09 -0.05	160.40 -17.42 -0.29	66.20 -6.43 -2.34	54.56 -5.33 0.00	79.76 -9.51 -0.35	70.39 -8.43 -2.30	69.72 -8.44 -5.30	49.61 -4.06 -18.18	71.60 -8.28 -10.88	66.34 -7.44 -8.65	86.70 -12.61 2.05	58.61 -11.13 21.65	31.83 -4.71 5.87	31.54 -5.33 12.56	34.31 -5.54 9.31	35.71 -6.26 11.94	53.19 -7.32 6.76
NM_ST_REGIS___HYD 24053	90.68 -0.24 0.00	115.17 -0.22 0.00	114.09 -0.14 0.00	101.44 0.18 0.00	137.20 -0.61 0.00	99.15 -1.58 0.00	113.71 -3.38 0.00	136.93 -4.38 0.00	171.18 -6.36 0.00	67.87 -2.41 0.00	58.35 -1.54 0.00	85.74 -3.19 0.00	74.21 -2.32 0.00	70.70 -2.17 0.00	34.24 -1.24 0.00	66.64 -2.37 0.00	62.72 -2.40 0.00	97.94 -3.42 0.00	88.12 -3.27 0.00	40.73 -1.67 0.00	47.55 -1.88 0.00	48.01 -1.15 0.00	53.01 -0.90 0.00	66.99 -0.28 0.00
NORTHPORT___1 23551	102.67 9.38 -2.37	138.25 12.80 -10.05	134.54 12.05 -8.25	131.04 10.41 -19.37	169.56 13.72 -18.02	158.42 11.62 -46.07	216.96 13.06 -86.81	236.42 16.48 -78.63	316.85 20.16 -119.15	291.59 7.36 -213.95	96.24 6.87 -29.48	99.85 8.72 -2.21	98.39 7.37 -14.49	113.84 7.51 -33.46	161.70 3.91 -122.31	148.12 7.99 -71.12	155.69 7.64 -82.93	181.57 12.00 -68.20	281.41 11.46 -178.55	147.85 5.17 -100.29	142.96 6.07 -87.45	126.73 5.76 -71.80	125.63 6.16 -65.57	73.81 6.53 -0.01
NORTHPORT___2 23552	102.67 9.38 -2.37	138.25 12.80 -10.05	134.54 12.05 -8.25	131.04 10.41 -19.37	169.56 13.72 -18.02	158.42 11.62 -46.07	216.96 13.06 -86.81	236.42 16.48 -78.63	316.85 20.16 -119.15	291.59 7.36 -213.95	96.24 6.87 -29.48	99.85 8.72 -2.21	98.39 7.37 -14.49	113.84 7.51 -33.46	161.70 3.91 -122.31	148.12 7.99 -71.12	155.69 7.64 -82.93	181.57 12.00 -68.20	281.41 11.46 -178.55	147.85 5.17 -100.29	142.96 6.07 -87.45	126.73 5.76 -71.80	125.63 6.16 -65.57	73.81 6.53 -0.01
NORTHPORT___3 23553	101.38 8.10 -2.37	136.17 10.73 -10.05	132.54 10.05 -8.25	129.22 8.59 -19.37	167.09 11.25 -18.02	156.14 9.47 -45.93	214.57 10.71 -86.76	232.98 13.18 -78.49	312.64 15.95 -119.15	290.26 6.02 -213.95	95.38 6.01 -29.48	99.13 8.00 -2.21	97.61 6.59 -14.49	112.94 6.62 -33.46	161.03 3.32 -122.22	146.83 6.72 -71.10	154.07 6.32 -82.64	178.65 9.46 -67.83	277.96 9.02 -177.55	146.38 4.21 -99.76	141.36 5.02 -86.91	125.40 4.87 -71.36	124.43 5.33 -65.19	72.98 5.70 -0.01
NORTHPORT___4 23650	101.38 8.10 -2.37	136.17 10.73 -10.05	132.54 10.05 -8.25	129.22 8.59 -19.37	167.09 11.25 -18.02	156.14 9.47 -45.93	214.57 10.71 -86.76	232.98 13.18 -78.49	312.64 15.95 -119.15	290.26 6.02 -213.95	95.38 6.01 -29.48	99.13 8.00 -2.21	97.61 6.59 -14.49	112.94 6.62 -33.46	161.03 3.32 -122.22	146.83 6.72 -71.10	154.07 6.32 -82.64	178.65 9.46 -67.83	277.96 9.02 -177.55	146.38 4.21 -99.76	141.36 5.02 -86.91	125.40 4.87 -71.36	124.43 5.33 -65.19	72.98 5.70 -0.01
NORTHPORT___IC 23718	102.67 9.38 -2.37	138.26 12.81 -10.05	134.54 12.05 -8.25	131.06 10.43 -19.37	169.55 13.72 -18.02	158.40 11.60 -46.07	216.97 13.07 -86.81	236.44 16.50 -78.63	316.87 20.19 -119.15	291.59 7.35 -213.95	96.25 6.88 -29.48	99.85 8.71 -2.21	98.38 7.37 -14.49	113.84 7.52 -33.46	161.70 3.90 -122.31	148.13 8.00 -71.12	155.69 7.65 -82.93	181.57 12.01 -68.20	281.41 11.46 -178.55	147.85 5.16 -100.29	142.95 6.07 -87.45	126.73 5.76 -71.80	125.62 6.14 -65.57	73.80 6.53 -0.01
NORTH___COUNTRY_ESR 323785	90.73 -0.19 0.00	115.21 -0.18 0.00	114.29 0.06 0.00	101.60 0.34 0.00	137.75 -0.06 0.00	99.91 -0.82 0.00	115.24 -1.85 0.00	138.89 -2.41 0.00	173.66 -3.87 0.00	68.77 -1.52 0.00	58.93 -0.95 0.00	86.91 -2.02 0.00	75.05 -1.47 0.00	71.52 -1.35 0.00	34.68 -0.81 0.00	67.68 -1.32 0.00	63.95 -1.17 0.00	99.54 -1.82 0.00	89.45 -1.94 0.00	41.45 -0.96 0.00	48.25 -1.17 0.00	48.20 -0.97 0.00	52.88 -1.03 0.00	66.72 -0.55 0.00
NPX_GEN_1385_PROXY 323591	103.96 10.67 -2.37	141.26 15.82 -10.05	137.65 15.16 -8.25	133.93 13.30 -19.37	171.93 16.10 -18.02	160.95 14.15 -46.07	219.31 15.40 -86.81	240.01 20.07 -78.63	321.66 24.97 -119.15	293.39 9.15 -213.95	97.37 8.00 -29.48	99.82 8.68 -2.21	99.51 8.50 -14.49	115.28 8.97 -33.46	162.62 4.83 -122.31	149.22 9.10 -71.12	156.37 8.32 -82.93	183.36 13.80 -68.20	283.24 13.29 -178.55	148.03 5.34 -100.29	143.19 6.31 -87.45	127.08 6.11 -71.80	126.06 6.58 -65.57	74.27 6.99 -0.01
NPX_GEN_CSC 323557	103.34 10.06 -2.37	139.66 14.24 -10.03	135.86 13.37 -8.25	132.22 11.59 -19.37	171.67 15.83 -18.02	159.66 13.26 -45.67	218.22 14.46 -86.66	237.45 17.92 -78.23	317.00 20.31 -119.15	290.40 6.16 -213.95	96.29 6.92 -29.48	100.84 9.70 -2.21	98.37 7.36 -14.49	114.39 8.07 -33.46	161.97 4.21 -122.27	149.28 9.06 -71.21	157.29 8.92 -83.25	182.85 13.80 -67.69	281.57 13.46 -176.72	148.88 6.27 -100.21	143.99 7.33 -87.24	127.29 6.72 -71.40	126.28 7.35 -65.02	75.15 7.87 -0.01
NSINS_S___GLNS_FALLS 23858	111.55 5.27 -15.36	176.88 6.65 -54.85	174.25 6.57 -53.44	232.79 6.07 -125.47	262.64 8.04 -116.79	226.91 6.20 -119.98	629.34 8.02 -504.23	488.20 9.90 -336.99	917.29 13.17 -726.59	1097.23 5.16 -1021.78	224.96 4.21 -160.86	97.17 5.41 -2.83	99.70 4.60 -18.58	120.03 4.39 -42.77	189.48 2.14 -151.86	162.05 4.60 -88.44	149.88 4.41 -80.35	136.12 6.98 -27.78	150.62 6.26 -52.96	76.00 2.90 -30.70	60.52 3.23 -7.86	52.19 3.03 0.00	60.08 3.17 -3.00	70.75 3.48 0.00
NUCOR_STEEL___DRP 24197	91.30 0.38 0.00	115.74 0.35 0.00	114.46 0.23 0.00	101.39 0.13 0.00	138.03 0.22 0.00	101.50 0.77 0.00	118.42 0.99 -0.34	143.25 1.90 -0.04	181.21 3.44 -0.23	73.65 1.48 -1.88	61.12 1.23 0.00	90.67 1.46 -0.28	79.47 1.09 -1.86	78.12 0.97 -4.28	51.26 0.57 -15.21	78.79 1.00 -8.78	74.62 1.04 -8.46	108.39 1.58 -5.45	109.96 1.28 -17.28	47.67 0.63 -4.64	55.34 0.84 -5.07	51.36 0.65 -1.55	59.51 0.45 -5.16	68.74 0.09 -1.39
NUMBER_THREE_WT_PWR 323818	92.81 1.89 0.00	117.80 2.42 0.00	116.53 2.30 0.00	103.45 2.19 0.00	140.55 2.74 0.00	103.34 2.60 0.00	119.46 2.37 0.00	144.00 2.69 0.00	180.82 3.28 0.00	72.00 1.71 0.00	61.45 1.56 0.00	91.19 2.19 -0.07	78.85 1.82 -0.51	75.96 1.91 -1.19	40.74 1.03 -4.22	72.54 1.10 -2.43	68.42 1.11 -2.19	104.37 2.25 -0.75	94.66 1.94 -1.33	43.56 0.31 -0.83	49.74 0.09 -0.21	49.02 -0.14 0.00	53.11 -0.88 -0.08	65.81 -1.46 0.00
NYISO_LBMP_REFERENCE 24008	90.92 0.00 0.00	115.39 0.00 0.00	114.24 0.00 0.00	101.26 0.00 0.00	137.81 0.00 0.00	100.73 0.00 0.00	117.09 0.00 0.00	141.31 0.00 0.00	177.53 0.00 0.00	70.29 0.00 0.00	59.89 0.00 0.00	88.93 0.00 0.00	76.52 0.00 0.00	72.86 0.00 0.00	35.49 0.00 0.00	69.01 0.00 0.00	65.12 0.00 0.00	101.36 0.00 0.00	91.39 0.00 0.00	42.40 0.00 0.00	49.43 0.00 0.00	49.16 0.00 0.00	53.91 0.00 0.00	67.27 0.00 0.00

NYPA_BRENTWD____GT 24164	103.47 10.18 -2.37	139.01 13.61 -10.00	135.34 12.85 -8.25	131.72 11.09 -19.37	170.74 14.91 -18.02	158.37 12.44 -45.20	217.73 14.15 -86.49	236.82 17.77 -77.75	318.39 21.70 -119.15	292.12 7.88 -213.95	96.73 7.36 -29.48	100.76 9.62 -2.21	98.95 7.94 -14.49	114.40 8.08 -33.46	161.90 4.15 -122.26	148.98 8.65 -71.32	157.12 8.31 -83.70	181.30 12.80 -67.14	278.28 12.19 -174.70	148.12 5.58 -100.13	142.97 6.55 -87.00	126.26 6.17 -70.93	124.85 6.57 -64.38	74.30 7.02 -0.01
NYPA_GOWANUS____GT5 24156	101.26 7.97 -2.37	133.84 10.00 -8.46	131.91 9.42 -8.24	128.36 7.75 -19.35	166.86 11.03 -18.01	127.51 8.26 -18.51	206.01 11.14 -77.78	208.42 13.96 -53.15	314.84 18.18 -119.13	291.65 7.45 -213.91	90.62 5.79 -24.94	99.02 7.89 -2.21	97.54 6.53 -14.49	112.46 6.15 -33.45	157.56 3.05 -119.03	144.27 6.20 -69.06	132.93 6.01 -61.81	132.33 9.60 -21.37	140.80 8.66 -40.74	70.08 4.06 -23.62	67.21 4.96 -12.82	68.78 4.68 -14.94	69.63 4.84 -10.87	80.36 5.20 -7.89
NYPA_GOWANUS____GT6 24157	101.26 7.97 -2.37	133.84 10.00 -8.46	131.91 9.42 -8.24	128.36 7.75 -19.35	166.86 11.03 -18.01	127.51 8.26 -18.51	206.01 11.14 -77.78	208.42 13.96 -53.15	314.84 18.18 -119.13	291.65 7.45 -213.91	90.62 5.79 -24.94	99.02 7.89 -2.21	97.54 6.53 -14.49	112.46 6.15 -33.45	157.56 3.05 -119.03	144.27 6.20 -69.06	132.93 6.01 -61.81	132.33 9.60 -21.37	140.80 8.66 -40.74	70.08 4.06 -23.62	67.21 4.96 -12.82	68.78 4.68 -14.94	69.63 4.84 -10.87	80.36 5.20 -7.89
NYPA_HARLEM__RVR__GT1 24160	100.62 7.34 -2.37	132.91 9.07 -8.46	131.17 8.69 -8.24	127.63 7.02 -19.35	166.07 10.24 -18.01	126.85 7.61 -18.51	205.34 10.47 -77.78	207.69 13.23 -53.15	313.98 17.32 -119.13	291.20 7.00 -213.91	90.18 5.35 -24.94	98.33 7.19 -2.21	96.95 5.94 -14.49	111.98 5.66 -33.45	157.37 2.86 -119.03	144.02 5.95 -69.06	132.76 5.83 -61.81	131.88 9.14 -21.37	140.47 8.33 -40.74	69.83 3.81 -23.62	59.97 4.50 -6.05	53.43 4.26 0.00	60.72 4.51 -2.31	72.07 4.80 0.00
NYPA_HARLEM__RVR__GT2 24161	100.62 7.34 -2.37	132.91 9.07 -8.46	131.17 8.69 -8.24	127.63 7.02 -19.35	166.07 10.24 -18.01	126.85 7.61 -18.51	205.34 10.47 -77.78	207.69 13.23 -53.15	313.98 17.32 -119.13	291.20 7.00 -213.91	90.18 5.35 -24.94	98.33 7.19 -2.21	96.95 5.94 -14.49	111.98 5.66 -33.45	157.37 2.86 -119.03	144.02 5.95 -69.06	132.76 5.83 -61.81	131.88 9.14 -21.37	140.47 8.33 -40.74	69.83 3.81 -23.62	59.97 4.50 -6.05	53.43 4.26 0.00	60.72 4.51 -2.31	72.07 4.80 0.00
NYPA_KENT____GT 24152	101.06 7.78 -2.37	133.61 9.76 -8.46	131.68 9.20 -8.24	128.17 7.56 -19.35	166.59 10.77 -18.01	127.32 8.08 -18.51	205.75 10.88 -77.78	208.12 13.66 -53.15	314.50 17.84 -119.13	291.52 7.32 -213.91	90.51 5.68 -24.94	98.84 7.71 -2.21	97.40 6.39 -14.49	112.36 6.04 -33.45	157.50 2.99 -119.03	144.18 6.12 -69.06	132.85 5.92 -61.81	132.21 9.48 -21.37	140.67 8.53 -40.74	70.00 3.99 -23.62	64.35 4.79 -10.13	62.66 4.50 -9.00	66.06 4.68 -7.47	77.07 5.05 -4.76
NYPA_POUCH1____GT 24155	100.98 7.69 -2.37	133.50 9.66 -8.46	131.63 9.15 -8.24	128.06 7.45 -19.35	166.46 10.64 -18.01	127.17 7.93 -18.51	205.61 10.74 -77.78	207.88 13.42 -53.15	314.05 17.39 -119.13	291.29 7.09 -213.91	90.32 5.49 -24.94	98.60 7.47 -2.21	97.19 6.18 -14.49	112.14 5.82 -33.45	157.39 2.88 -119.03	143.95 5.88 -69.06	132.62 5.69 -61.81	131.85 9.12 -21.37	140.39 8.26 -40.74	69.92 3.90 -23.62	67.12 4.87 -12.82	68.70 4.60 -14.94	69.53 4.74 -10.87	80.20 5.03 -7.89
NYPA_VERNON____GT2 24162	100.86 7.58 -2.37	133.35 9.50 -8.46	131.44 8.96 -8.24	128.02 7.41 -19.35	166.36 10.53 -18.01	127.16 7.92 -18.51	205.61 10.74 -77.78	207.98 13.52 -53.15	314.35 17.69 -119.13	291.49 7.29 -213.91	90.47 5.64 -24.94	98.77 7.63 -2.21	97.34 6.33 -14.49	112.28 5.97 -33.45	157.48 2.97 -119.03	144.13 6.06 -69.06	132.85 5.92 -61.81	132.22 9.48 -21.37	140.63 8.50 -40.74	69.97 3.95 -23.62	61.54 4.68 -7.44	56.61 4.39 -3.06	62.55 4.59 -4.06	73.84 4.95 -1.62
NYPA_VERNON____GT3 24163	100.86 7.58 -2.37	133.35 9.50 -8.46	131.44 8.96 -8.24	128.02 7.41 -19.35	166.36 10.53 -18.01	127.16 7.92 -18.51	205.61 10.74 -77.78	207.98 13.52 -53.15	314.35 17.69 -119.13	291.49 7.29 -213.91	90.47 5.64 -24.94	98.77 7.63 -2.21	97.34 6.33 -14.49	112.28 5.97 -33.45	157.48 2.97 -119.03	144.13 6.06 -69.06	132.85 5.92 -61.81	132.22 9.48 -21.37	140.63 8.50 -40.74	69.97 3.95 -23.62	61.54 4.68 -7.44	56.61 4.39 -3.06	62.55 4.59 -4.06	73.84 4.95 -1.62
NYPA__ASTORIA_CC1 323568	100.71 7.43 -2.37	133.15 9.31 -8.46	131.28 8.79 -8.24	127.84 7.23 -19.35	166.15 10.32 -18.01	126.99 7.75 -18.51	205.42 10.55 -77.78	207.80 13.34 -53.15	314.15 17.48 -119.13	291.41 7.21 -213.91	90.39 5.57 -24.94	98.60 7.47 -2.21	97.20 6.19 -14.49	112.17 5.86 -33.45	157.42 2.91 -119.03	144.05 5.98 -69.06	132.80 5.88 -61.81	132.12 9.38 -21.37	140.54 8.40 -40.74	69.91 3.89 -23.62	60.09 4.61 -6.05	53.48 4.32 0.00	60.72 4.51 -2.31	72.10 4.83 0.00
NYPA__ASTORIA_CC2 323569	100.71 7.43 -2.37	133.15 9.31 -8.46	131.28 8.79 -8.24	127.84 7.23 -19.35	166.15 10.32 -18.01	126.99 7.75 -18.51	205.42 10.55 -77.78	207.80 13.34 -53.15	314.15 17.48 -119.13	291.41 7.21 -213.91	90.39 5.57 -24.94	98.60 7.47 -2.21	97.20 6.19 -14.49	112.17 5.86 -33.45	157.42 2.91 -119.03	144.05 5.98 -69.06	132.80 5.88 -61.81	132.12 9.38 -21.37	140.54 8.40 -40.74	69.91 3.89 -23.62	60.09 4.61 -6.05	53.48 4.32 0.00	60.72 4.51 -2.31	72.10 4.83 0.00
NYPA__HOLTSVILL 23794	102.89 9.60 -2.37	138.42 13.00 -10.03	134.73 12.24 -8.25	131.14 10.51 -19.37	170.03 14.19 -18.02	158.36 11.91 -45.71	216.94 13.17 -86.68	236.00 16.42 -78.27	316.60 19.91 -119.15	291.28 7.04 -213.95	96.26 6.89 -29.48	100.20 9.07 -2.21	98.36 7.35 -14.49	113.90 7.57 -33.46	161.70 3.93 -122.27	148.46 8.26 -71.20	156.35 8.02 -83.21	181.57 12.47 -67.74	280.29 11.99 -176.90	148.15 5.53 -100.22	143.17 6.48 -87.26	126.69 6.08 -71.44	125.50 6.51 -65.08	74.21 6.93 -0.01
NYPA__HELLGATE_GT1 24158	100.62 7.34 -2.37	132.91 9.07 -8.46	131.17 8.69 -8.24	127.63 7.02 -19.35	166.07 10.24 -18.01	126.85 7.61 -18.51	205.34 10.47 -77.78	207.69 13.23 -53.15	313.98 17.32 -119.13	291.20 7.00 -213.91	90.18 5.35 -24.94	98.33 7.19 -2.21	96.95 5.94 -14.49	111.98 5.66 -33.45	157.37 2.86 -119.03	144.02 5.95 -69.06	132.76 5.83 -61.81	131.88 9.14 -21.37	140.47 8.33 -40.74	69.83 3.81 -23.62	59.97 4.50 -6.05	53.43 4.26 0.00	60.72 4.51 -2.31	72.07 4.80 0.00
NYPA__HELLGATE_GT2 24159	100.62 7.34 -2.37	132.91 9.07 -8.46	131.17 8.69 -8.24	127.63 7.02 -19.35	166.07 10.24 -18.01	126.85 7.61 -18.51	205.34 10.47 -77.78	207.69 13.23 -53.15	313.98 17.32 -119.13	291.20 7.00 -213.91	90.18 5.35 -24.94	98.33 7.19 -2.21	96.95 5.94 -14.49	111.98 5.66 -33.45	157.37 2.86 -119.03	144.02 5.95 -69.06	132.76 5.83 -61.81	131.88 9.14 -21.37	140.47 8.33 -40.74	69.83 3.81 -23.62	59.97 4.50 -6.05	53.43 4.26 0.00	60.72 4.51 -2.31	72.07 4.80 0.00
NYS_BARGE__HYD 23848	85.43 -5.49 0.00	108.47 -6.91 0.00	107.44 -6.79 0.00	94.82 -6.43 0.00	128.91 -8.90 0.00	95.16 -5.57 0.00	107.53 -8.90 0.66	129.11 -12.25 -0.05	162.82 -15.00 -0.29	67.21 -5.36 -2.28	55.55 -4.34 0.00	81.09 -8.18 -0.34	71.34 -7.43 -2.25	70.55 -7.49 -5.17	49.67 -3.58 -17.77	72.28 -7.34 -10.61	67.11 -6.47 -8.46	88.61 -10.83 1.93	61.57 -9.20 20.61	33.15 -3.88 5.38	33.15 -4.37 11.91	35.84 -4.57 8.75	37.25 -5.27 11.40	54.75 -6.14 6.38

OAK ORCHARD___HYD 24046	88.91 -2.01 0.00	112.75 -2.64 0.00	111.58 -2.66 0.00	98.66 -2.59 0.00	134.30 -3.51 0.00	98.88 -1.85 0.00	113.36 -3.29 0.44	136.72 -4.62 -0.04	172.35 -5.42 -0.23	70.32 -1.83 -1.86	58.40 -1.49 0.00	85.99 -3.22 -0.28	75.40 -2.97 -1.85	74.07 -3.06 -4.26	49.21 -1.40 -15.12	74.74 -3.00 -8.73	69.65 -2.59 -7.13	96.02 -4.55 0.79	76.84 -4.15 10.39	41.50 -1.81 -0.91	42.55 -2.10 4.78	44.87 -2.30 2.00	45.23 -2.70 5.99	62.26 -3.22 1.79
OAKDALE___35_KV_LOAD 356122	91.73 0.06 -0.76	118.10 0.00 -2.71	116.72 -0.16 -2.64	107.18 -0.27 -6.20	143.31 -0.27 -5.77	106.93 0.27 -5.93	141.69 0.21 -24.39	158.06 0.02 -16.74	214.99 0.96 -36.50	126.00 0.50 -55.21	68.17 0.31 -7.97	90.19 0.53 -0.73	81.61 0.28 -4.81	84.16 0.22 -11.07	74.97 0.16 -39.32	91.89 0.17 -22.71	84.92 0.21 -19.59	104.54 0.10 -3.08	87.25 0.03 4.17	47.84 0.01 -5.43	45.01 -0.13 4.28	46.65 -0.25 2.26	47.12 -0.44 6.35	64.47 -0.77 2.03
OCC_CHEM___DRP 24175	84.85 -6.07 0.00	107.67 -7.72 0.00	106.64 -7.60 0.00	94.15 -7.11 0.00	127.92 -9.89 0.00	94.38 -6.35 0.00	106.34 -10.07 0.69	127.53 -13.83 -0.05	160.74 -17.08 -0.29	66.34 -6.29 -2.35	54.66 -5.22 0.00	79.94 -9.34 -0.35	70.54 -8.29 -2.31	69.85 -8.32 -5.31	49.70 -3.99 -18.21	71.75 -8.14 -10.89	66.44 -7.34 -8.67	86.86 -12.44 2.06	58.62 -11.03 21.74	31.83 -4.66 5.91	31.55 -5.27 12.62	34.32 -5.48 9.36	35.72 -6.20 11.99	53.23 -7.24 6.80
OH_GEN_PROXY 24063	85.43 -5.49 0.00	108.42 -6.96 0.00	107.37 -6.87 0.00	94.83 -6.42 0.00	128.98 -8.83 0.00	95.02 -5.72 0.00	107.44 -8.98 0.66	128.99 -12.36 -0.05	162.72 -15.11 -0.29	67.06 -5.55 -2.32	55.31 -4.58 0.00	81.03 -8.25 -0.35	71.46 -7.34 -2.29	70.75 -7.38 -5.26	50.14 -3.50 -18.16	72.61 -7.20 -10.79	67.23 -6.51 -8.62	88.30 -11.15 1.91	61.05 -9.95 20.39	33.15 -4.39 4.86	32.82 -5.02 11.59	35.67 -5.18 8.31	36.84 -5.80 11.27	54.40 -6.77 6.10
OLIN_CORP_DRP 24177	84.58 -6.34 0.00	107.42 -7.96 0.00	106.40 -7.83 0.00	93.87 -7.39 0.00	127.53 -10.28 0.00	94.16 -6.57 0.00	106.10 -10.28 0.70	127.28 -14.07 -0.05	160.45 -17.38 -0.30	66.27 -6.39 -2.37	54.62 -5.27 0.00	79.82 -9.46 -0.35	70.39 -8.46 -2.33	69.75 -8.48 -5.36	49.78 -4.09 -18.38	71.72 -8.29 -11.00	66.45 -7.41 -8.74	86.99 -12.23 2.14	58.74 -10.39 22.26	31.85 -4.48 6.07	31.47 -5.06 12.89	34.32 -5.29 9.55	35.60 -6.07 12.23	53.25 -7.08 6.94
OLIN_CORP_DSASP 323712	84.83 -6.08 0.00	107.66 -7.73 0.00	106.63 -7.60 0.00	94.14 -7.12 0.00	127.98 -9.83 0.00	94.37 -6.36 0.00	106.38 -10.02 0.69	127.64 -13.71 -0.05	160.93 -16.90 -0.29	66.46 -6.17 -2.35	54.76 -5.12 0.00	79.93 -9.35 -0.35	70.53 -8.29 -2.31	69.82 -8.35 -5.31	49.71 -3.98 -18.21	71.76 -8.14 -10.89	66.47 -7.31 -8.67	86.86 -12.44 2.06	58.65 -11.00 21.74	31.82 -4.67 5.91	31.51 -5.30 12.62	34.34 -5.47 9.36	35.74 -6.19 11.99	53.26 -7.21 6.80
ONEIDA_HERK_LFGE 323681	93.63 2.72 0.00	118.81 3.42 0.00	117.52 3.29 0.00	104.19 2.94 0.00	141.73 3.92 0.00	104.14 3.41 0.00	121.09 4.00 0.00	146.14 4.84 0.00	183.81 6.28 0.00	72.97 2.69 0.00	62.14 2.25 0.00	92.15 3.16 -0.07	79.71 2.74 -0.45	76.61 2.71 -1.04	40.57 1.38 -3.71	73.41 2.26 -2.14	69.20 2.16 -1.92	105.61 3.58 -0.67	95.78 3.17 -1.22	44.36 1.22 -0.74	50.83 1.22 -0.19	50.21 1.05 0.00	54.75 0.77 -0.07	67.93 0.65 0.00
ONEIDA___115KV_TB4 55905	93.96 3.04 0.00	119.30 3.91 0.00	118.03 3.80 0.00	104.57 3.31 0.00	142.42 4.61 0.00	104.66 3.93 0.00	122.03 4.94 0.00	147.36 6.05 0.00	185.70 8.16 0.00	73.59 3.31 0.00	62.58 2.70 0.00	92.69 3.63 -0.13	80.48 3.08 -0.88	77.95 3.05 -2.03	44.25 1.56 -7.21	76.08 2.92 -4.16	71.63 2.77 -3.74	106.77 4.11 -1.29	97.44 3.60 -2.45	45.40 1.57 -1.43	51.41 1.61 -0.37	50.58 1.42 0.00	55.36 1.32 -0.14	68.64 1.37 0.00
ONONDAGA_REF_OCCRA 23987	90.61 -0.31 0.00	114.90 -0.49 0.00	113.63 -0.61 0.00	100.62 -0.64 0.00	137.02 -0.79 0.00	100.62 -0.11 0.00	117.40 0.07 -0.24	141.50 0.15 -0.04	178.59 0.84 -0.21	72.47 0.48 -1.71	60.19 0.30 0.00	89.48 0.29 -0.26	78.38 0.16 -1.70	76.93 0.15 -3.91	49.51 0.14 -13.88	77.18 0.15 -8.02	72.93 0.21 -7.61	106.03 0.25 -4.42	104.86 0.13 -13.34	46.39 0.08 -3.91	53.18 0.00 -3.76	50.11 -0.15 -1.10	57.30 -0.34 -3.73	67.63 -0.62 -0.99
ONONDAGA___COGEN 23986	90.49 -0.43 0.00	114.72 -0.66 0.00	113.49 -0.75 0.00	100.50 -0.76 0.00	136.84 -0.97 0.00	100.48 -0.26 0.00	116.99 -0.10 0.00	141.80 0.46 -0.03	179.16 1.44 -0.19	72.57 0.74 -1.55	60.46 0.57 0.00	89.78 0.62 -0.24	78.53 0.46 -1.55	76.84 0.40 -3.57	48.42 0.27 -12.67	76.78 0.45 -7.32	72.20 0.51 -6.58	104.36 0.72 -2.27	96.27 0.53 -4.35	45.20 0.28 -2.51	50.36 0.29 -0.64	49.27 0.11 0.00	54.07 -0.08 -0.24	66.92 -0.34 0.00
ONTARIO___LFGE 23819	90.37 -0.55 0.00	114.00 -1.38 0.00	112.96 -1.28 0.00	100.47 -0.79 0.00	136.17 -1.64 0.00	100.55 -0.18 0.00	115.93 -0.19 0.96	141.27 -0.08 -0.05	178.67 0.85 -0.28	72.74 0.23 -2.23	60.29 0.40 0.00	89.28 0.02 -0.33	78.42 -0.29 -2.19	77.46 -0.45 -5.04	53.69 -0.13 -18.33	78.95 -0.39 -10.34	72.48 -0.35 -7.72	95.99 -0.96 4.42	65.32 -0.94 25.14	45.28 -0.32 -3.20	41.00 -0.53 7.90	48.23 -0.70 0.23	41.17 -1.12 11.62	64.27 -1.75 1.26
ORANGEVILLE_WT_PWR 323706	86.35 -4.95 -0.39	110.37 -6.40 -1.39	109.65 -5.94 -1.35	98.91 -5.51 -3.17	132.85 -7.91 -2.95	99.19 -4.57 -3.03	122.01 -6.76 -11.68	141.07 -8.79 -8.55	185.88 -10.26 -18.61	94.95 -3.72 -28.37	60.76 -3.18 -4.06	83.44 -5.90 -0.42	73.69 -5.61 -2.77	73.34 -5.91 -6.39	52.57 -2.89 -19.97	76.45 -5.66 -13.11	70.00 -5.18 -10.06	87.97 -9.13 4.27	37.07 -8.28 46.04	11.11 -3.93 27.36	11.80 -4.77 32.85	13.19 -4.93 31.04	22.89 -5.65 25.37	39.06 -7.08 21.13
ORANGEVILLE___ESR 323794	86.35 -4.95 -0.39	110.37 -6.40 -1.39	109.65 -5.94 -1.35	98.91 -5.51 -3.17	132.85 -7.91 -2.95	99.19 -4.57 -3.03	122.01 -6.76 -11.68	141.07 -8.79 -8.55	185.88 -10.26 -18.61	94.95 -3.72 -28.37	60.76 -3.18 -4.06	83.44 -5.90 -0.42	73.69 -5.61 -2.77	73.34 -5.91 -6.39	52.57 -2.89 -19.97	76.45 -5.66 -13.11	70.00 -5.18 -10.06	87.97 -9.13 4.27	37.07 -8.28 46.04	11.11 -3.93 27.36	11.80 -4.77 32.85	13.19 -4.93 31.04	22.89 -5.65 25.37	39.06 -7.08 21.13
OSWEGATCHIE___HYD 24044	91.22 0.31 0.00	115.82 0.43 0.00	114.62 0.38 0.00	101.82 0.56 0.00	137.99 0.17 0.00	100.48 -0.25 0.00	115.42 -1.67 0.00	139.11 -2.19 0.00	174.39 -3.15 0.00	69.26 -1.03 0.00	59.39 -0.50 0.00	87.66 -1.32 -0.05	75.88 -1.01 -0.38	72.91 -0.82 -0.87	38.14 -0.43 -3.09	69.52 -1.26 -1.78	65.37 -1.35 -1.60	100.24 -1.68 -0.55	90.84 -1.52 -0.96	41.90 -1.11 -0.61	48.24 -1.35 -0.16	48.15 -1.01 0.00	52.78 -1.19 -0.06	66.09 -1.18 0.00
OSWEGO___5 23606	88.09 -2.83 0.00	111.75 -3.64 0.00	110.62 -3.62 0.00	97.96 -3.29 0.00	133.35 -4.46 0.00	97.73 -3.01 0.00	113.66 -3.43 0.00	137.05 -4.26 0.00	172.39 -5.14 0.00	68.39 -1.89 0.00	58.21 -1.68 0.00	86.42 -2.64 -0.13	75.07 -2.29 -0.83	72.57 -2.21 -1.91	41.27 -1.02 -6.80	70.89 -2.05 -3.93	66.74 -1.91 -3.53	99.53 -3.06 -1.22	90.94 -2.79 -2.34	42.51 -1.24 -1.35	48.28 -1.49 -0.35	47.60 -1.56 0.00	52.26 -1.78 -0.13	64.95 -2.32 0.00

OSWEGO___6 23613	88.09 -2.83 0.00	111.75 -3.64 0.00	110.62 -3.62 0.00	97.96 -3.29 0.00	133.35 -4.46 0.00	97.73 -3.01 0.00	113.66 -3.43 0.00	137.05 -4.26 0.00	172.39 -5.14 0.00	68.39 -1.89 0.00	58.21 -1.68 0.00	86.42 -2.64 -0.13	75.07 -2.29 -0.83	72.57 -2.21 -1.91	41.27 -1.02 -6.80	70.89 -2.05 -3.93	66.74 -1.91 -3.53	99.53 -3.06 -1.22	90.94 -2.79 -2.34	42.51 -1.24 -1.35	48.28 -1.49 -0.35	47.60 -1.56 0.00	52.26 -1.78 -0.13	64.95 -2.32 0.00
OUTOKUMPU-AB___DRP 24206	86.57 -4.34 0.00	109.83 -5.56 0.00	108.78 -5.46 0.00	96.03 -5.22 0.00	130.40 -7.41 0.00	96.36 -4.38 0.00	108.77 -7.61 0.72	130.77 -10.58 -0.05	164.97 -12.86 -0.30	68.11 -4.56 -2.39	56.14 -3.75 0.00	82.16 -7.12 -0.36	72.36 -6.51 -2.35	71.67 -6.59 -5.40	50.80 -3.18 -18.49	73.52 -6.57 -11.08	68.08 -5.83 -8.80	89.27 -9.88 2.22	59.90 -8.64 22.85	32.31 -3.66 6.43	31.98 -4.16 13.29	34.81 -4.41 9.93	36.31 -5.05 12.54	54.13 -5.94 7.20
OXBOW___BTM 323836	85.90 -5.02 0.00	108.98 -6.40 0.00	107.94 -6.30 0.00	95.27 -5.99 0.00	129.51 -8.30 0.00	95.57 -5.16 0.00	107.87 -8.52 0.70	129.58 -11.77 -0.05	163.49 -14.34 -0.30	67.51 -5.15 -2.37	55.64 -4.25 0.00	81.27 -8.02 -0.35	71.62 -7.23 -2.33	70.91 -7.31 -5.36	50.35 -3.49 -18.35	72.79 -7.21 -10.99	67.44 -6.41 -8.73	88.28 -10.94 2.14	59.50 -9.59 22.31	32.15 -4.08 6.17	31.83 -4.65 12.96	34.69 -4.83 9.65	36.13 -5.51 12.27	53.83 -6.44 7.00
OXBOW____ 24026	85.91 -5.00 0.00	109.00 -6.38 0.00	107.92 -6.31 0.00	95.28 -5.97 0.00	129.44 -8.37 0.00	95.58 -5.16 0.00	107.81 -8.58 0.70	129.47 -11.88 -0.05	163.29 -14.54 -0.30	67.40 -5.26 -2.37	55.54 -4.35 0.00	81.26 -8.02 -0.35	71.63 -7.22 -2.33	70.92 -7.30 -5.36	50.33 -3.51 -18.35	72.78 -7.21 -10.99	67.41 -6.43 -8.73	88.29 -10.94 2.14	59.48 -9.61 22.31	32.17 -4.06 6.17	31.87 -4.60 12.96	34.67 -4.84 9.65	36.11 -5.53 12.27	53.82 -6.45 7.00
OXY_CHEM_DSASP 323612	84.85 -6.07 0.00	107.67 -7.72 0.00	106.64 -7.60 0.00	94.15 -7.11 0.00	127.92 -9.89 0.00	94.38 -6.35 0.00	106.34 -10.07 0.69	127.53 -13.83 -0.05	160.74 -17.08 -0.29	66.34 -6.29 -2.35	54.66 -5.22 0.00	79.94 -9.34 -0.35	70.54 -8.29 -2.31	69.85 -8.32 -5.31	49.70 -3.99 -18.21	71.75 -8.14 -10.89	66.44 -7.34 -8.67	86.86 -12.44 2.06	58.62 -11.03 21.74	31.83 -4.66 5.91	31.55 -5.27 12.62	34.32 -5.48 9.36	35.72 -6.20 11.99	53.23 -7.24 6.80
OZONE_PARK_ESR 323760	101.54 8.25 -2.37	134.19 10.34 -8.46	132.19 9.72 -8.24	128.70 8.09 -19.35	167.23 11.41 -18.01	127.83 8.59 -18.50	206.42 11.56 -77.77	209.00 14.56 -53.14	315.65 19.00 -119.12	291.96 7.78 -213.89	90.92 6.09 -24.94	99.44 8.31 -2.20	97.88 6.87 -14.49	112.77 6.46 -33.45	157.69 3.18 -119.02	144.53 6.48 -69.05	133.24 6.32 -61.81	132.98 10.24 -21.37	141.35 9.21 -40.74	70.33 4.32 -23.61	60.54 5.07 -6.05	53.90 4.74 0.00	61.17 4.95 -2.31	72.71 5.44 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	84.85 -6.07 0.00	107.67 -7.72 0.00	106.64 -7.60 0.00	94.15 -7.11 0.00	127.92 -9.89 0.00	94.38 -6.35 0.00	106.34 -10.07 0.69	127.53 -13.83 -0.05	160.74 -17.08 -0.29	66.34 -6.29 -2.35	54.66 -5.22 0.00	79.94 -9.34 -0.35	70.54 -8.29 -2.31	69.85 -8.32 -5.31	49.70 -3.99 -18.21	71.75 -8.14 -10.89	66.44 -7.34 -8.67	86.86 -12.44 2.06	58.62 -11.03 21.74	31.83 -4.66 5.91	31.55 -5.27 12.62	34.32 -5.48 9.36	35.72 -6.20 11.99	53.23 -7.24 6.80
PACKARD___115KV_DUPONT_184 80571	84.85 -6.07 0.00	107.67 -7.72 0.00	106.64 -7.60 0.00	94.15 -7.11 0.00	127.92 -9.89 0.00	94.38 -6.35 0.00	106.34 -10.07 0.69	127.53 -13.83 -0.05	160.74 -17.08 -0.29	66.34 -6.29 -2.35	54.66 -5.22 0.00	79.94 -9.34 -0.35	70.54 -8.29 -2.31	69.85 -8.32 -5.31	49.70 -3.99 -18.21	71.75 -8.14 -10.89	66.44 -7.34 -8.67	86.86 -12.44 2.06	58.62 -11.03 21.74	31.83 -4.66 5.91	31.55 -5.27 12.62	34.32 -5.48 9.36	35.72 -6.20 11.99	53.23 -7.24 6.80
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	100.56 7.28 -2.37	132.90 9.05 -8.46	131.13 8.65 -8.24	127.68 7.07 -19.35	166.07 10.25 -18.01	126.89 7.65 -18.51	205.34 10.47 -77.78	207.65 13.20 -53.15	313.92 17.25 -119.13	291.20 7.00 -213.91	90.22 5.39 -24.94	98.38 7.24 -2.21	97.01 6.00 -14.49	112.01 5.70 -33.45	157.37 2.86 -119.03	143.91 5.84 -69.06	132.70 5.77 -61.81	131.88 9.14 -21.37	140.43 8.30 -40.74	69.83 3.81 -23.62	60.00 4.53 -6.05	53.45 4.29 0.00	60.67 4.45 -2.31	72.04 4.77 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	100.93 7.64 -2.37	133.48 9.63 -8.46	131.74 9.26 -8.24	128.22 7.61 -19.35	166.88 11.05 -18.01	127.53 8.29 -18.51	206.17 11.30 -77.78	208.59 14.13 -53.15	314.93 18.27 -119.13	291.48 7.28 -213.91	90.47 5.64 -24.94	98.66 7.53 -2.21	97.24 6.23 -14.49	112.17 5.85 -33.45	157.47 2.96 -119.03	144.08 6.02 -69.06	132.89 5.96 -61.81	132.24 9.50 -21.37	140.77 8.64 -40.74	69.97 3.96 -23.62	60.11 4.63 -6.05	53.54 4.37 0.00	60.78 4.57 -2.31	72.21 4.94 0.00
PATROON___115KV_TB1 80586	106.18 4.93 -10.33	158.64 6.36 -36.89	156.37 6.18 -35.95	190.85 5.19 -84.40	223.65 7.28 -78.56	186.68 5.25 -80.71	462.49 6.23 -339.17	375.54 7.47 -226.76	676.33 9.54 -489.25	765.74 4.02 -691.44	171.28 3.24 -108.15	96.46 4.77 -2.76	98.85 4.19 -18.14	118.45 3.83 -41.76	185.42 1.69 -148.25	158.50 3.15 -86.34	146.46 2.90 -78.45	132.95 4.46 -27.12	147.09 3.99 -51.71	74.30 1.92 -29.97	59.32 2.22 -7.67	51.34 2.18 0.00	59.35 2.51 -2.93	70.44 3.17 0.00
PATTRSNVILLE___SOLAR 323815	111.10 3.92 -16.27	178.46 4.96 -58.11	175.65 4.79 -56.62	238.45 4.25 -132.94	267.44 5.88 -123.75	232.42 4.56 -127.13	657.10 5.74 -534.27	505.23 6.92 -357.00	955.88 8.86 -769.48	1153.32 3.51 -1079.52	233.23 2.85 -170.49	96.03 4.19 -2.91	99.22 3.58 -19.12	120.23 3.38 -43.99	193.34 1.67 -156.18	163.45 3.48 -90.96	151.07 3.30 -82.64	135.22 5.28 -28.57	150.60 4.73 -54.47	76.14 2.17 -31.57	60.01 2.49 -8.08	51.52 2.36 0.00	59.49 2.50 -3.09	70.08 2.81 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	87.14 -4.13 -0.36	111.35 -5.31 -1.28	110.21 -5.27 -1.24	99.22 -4.95 -2.92	133.60 -6.93 -2.72	99.41 -4.11 -2.79	121.09 -6.90 -10.90	139.66 -9.51 -7.87	183.42 -11.24 -17.12	92.42 -3.99 -26.12	60.34 -3.28 -3.73	83.27 -6.05 -0.39	73.27 -5.82 -2.57	72.91 -5.86 -5.91	52.89 -2.86 -20.27	75.30 -5.83 -12.13	69.50 -5.17 -9.55	90.02 -8.59 2.76	57.69 -7.46 26.25	32.21 -3.32 6.88	30.78 -3.86 14.79	34.39 -4.07 10.70	35.06 -4.68 14.17	53.92 -5.54 7.82
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	101.64 8.28 -2.45	134.64 10.51 -8.74	132.76 10.01 -8.52	129.88 8.62 -20.00	168.47 12.04 -18.62	129.07 9.21 -19.12	209.44 11.98 -80.37	210.97 14.79 -54.87	319.35 18.99 -122.83	296.91 7.72 -218.91	91.66 6.01 -25.76	99.26 8.11 -2.22	97.84 6.72 -14.60	112.98 6.22 -33.90	159.13 3.09 -120.56	145.08 6.35 -69.72	133.77 6.25 -62.40	132.97 10.03 -21.57	141.61 9.08 -41.13	70.47 4.22 -23.84	60.45 4.92 -6.10	53.78 4.61 0.00	61.07 4.83 -2.33	72.62 5.35 0.00
PEEKSKILL____ 23653	99.86 6.61 -2.34	132.15 8.42 -8.35	130.35 7.97 -8.13	127.10 6.74 -19.10	165.01 9.42 -17.78	126.14 7.14 -18.27	203.38 9.53 -76.76	205.53 11.78 -52.44	310.29 15.23 -117.53	287.38 6.26 -210.83	89.39 4.89 -24.61	97.68 6.57 -2.18	96.26 5.41 -14.33	111.04 5.10 -33.08	155.76 2.55 -117.72	142.56 5.24 -68.31	131.40 5.14 -61.14	130.81 8.31 -21.14	139.17 7.48 -40.30	69.27 3.51 -23.36	59.52 4.11 -5.98	53.00 3.83 0.00	60.20 4.01 -2.28	71.62 4.34 0.00

PGE MADISON___WINDPWR 24146	100.72 8.75 -1.05	129.93 10.78 -3.76	128.41 10.50 -3.67	119.10 9.23 -8.61	158.64 12.81 -8.02	119.97 11.00 -8.23	166.29 13.37 -35.83	180.16 15.63 -23.22	249.37 21.42 -50.41	153.71 8.76 -74.66	77.78 6.84 -11.05	99.46 9.82 -0.71	88.93 7.76 -4.65	90.93 7.36 -10.71	77.65 3.98 -38.18	98.86 7.89 -21.96	94.34 7.48 -21.75	129.10 11.20 -16.54	158.19 9.72 -57.08	61.00 3.82 -14.78	71.62 3.78 -18.41	58.50 2.40 -6.94	74.49 1.86 -18.73	74.92 1.78 -5.86
PIERCEFIELD___HYD 23852	90.09 -0.83 0.00	114.39 -1.00 0.00	113.29 -0.95 0.00	100.72 -0.53 0.00	136.18 -1.63 0.00	98.32 -2.41 0.00	112.52 -4.57 0.00	135.46 -5.85 0.00	169.38 -8.15 0.00	67.14 -3.15 0.00	57.76 -2.13 0.00	84.87 -4.06 0.00	73.48 -3.04 0.00	70.04 -2.82 0.00	33.91 -1.57 0.00	65.96 -3.05 0.00	61.99 -3.13 0.00	96.83 -4.53 0.00	87.17 -4.22 0.00	40.29 -2.11 0.00	47.06 -2.36 0.00	47.67 -1.50 0.00	52.73 -1.18 0.00	66.68 -0.58 0.00
PINELAWN_CC_1 323563	102.49 9.20 -2.37	137.48 12.22 -9.87	133.97 11.48 -8.25	130.51 9.88 -19.37	169.03 13.20 -18.02	154.62 11.09 -42.80	215.53 12.84 -85.60	232.83 16.24 -75.28	316.44 19.76 -119.15	291.50 7.26 -213.95	96.12 6.75 -29.48	100.01 8.88 -2.21	98.30 7.29 -14.49	113.66 7.34 -33.46	161.46 3.76 -122.21	148.80 7.86 -71.93	159.05 7.64 -86.30	177.66 11.89 -64.40	267.08 11.27 -164.41	147.86 5.20 -100.26	141.79 6.09 -86.27	123.79 5.78 -68.84	121.36 6.17 -61.27	73.81 6.54 -0.01
PJM_GEN_HTP_PROXY 323702	100.49 7.20 -2.37	132.93 9.09 -8.46	131.04 8.56 -8.24	127.75 7.14 -19.35	165.84 10.02 -18.01	126.79 7.55 -18.50	193.11 10.22 -65.79	207.24 12.80 -53.14	313.33 16.69 -119.10	291.03 6.88 -213.86	90.19 5.37 -24.94	98.40 7.27 -2.20	97.03 6.02 -14.49	111.99 5.69 -33.44	157.29 2.80 -119.00	143.77 5.72 -69.05	132.50 5.59 -61.80	131.75 9.02 -21.37	140.24 8.11 -40.73	69.82 3.80 -23.61	59.94 4.47 -6.05	53.32 4.16 0.00	60.58 4.36 -2.31	71.98 4.71 0.00
PJM_GEN_KEystone 24065	93.25 0.91 -1.42	103.19 1.19 13.38	76.03 0.88 39.10	78.86 0.53 22.92	83.62 0.86 55.06	60.17 0.95 41.52	108.62 1.00 9.48	120.41 0.87 21.76	135.76 1.75 43.52	-16.82 0.97 88.08	25.93 0.63 34.59	32.72 0.41 56.62	37.25 0.00 39.27	33.76 -0.09 39.01	39.09 0.02 -3.59	40.68 0.06 28.38	23.75 0.23 41.59	55.64 0.32 46.04	42.80 0.34 48.94	28.30 0.18 14.28	37.06 0.19 12.56	46.07 0.04 3.13	44.61 -0.13 9.17	34.86 -0.36 32.04
PJM_GEN_NEPTUNE_PROXY 323594	101.21 7.92 -2.37	134.73 10.49 -8.86	132.27 9.79 -8.25	128.98 8.37 -19.36	167.06 11.23 -18.02	135.47 9.42 -25.31	195.28 11.08 -67.11	212.45 13.97 -57.17	313.80 17.11 -119.15	290.71 6.47 -213.95	95.29 5.92 -29.48	98.86 7.73 -2.21	97.40 6.38 -14.49	112.67 6.35 -33.46	157.88 3.23 -119.17	146.47 6.71 -70.75	139.75 6.45 -68.19	143.89 10.03 -32.49	175.23 9.47 -74.37	90.48 4.38 -43.70	81.88 5.16 -27.29	72.69 4.92 -18.61	77.08 5.24 -17.93	72.73 5.46 0.00
PJM_GEN_VFT_PROXY 323633	99.95 6.67 -2.37	132.23 8.38 -8.46	130.29 7.81 -8.24	126.99 6.38 -19.35	164.97 9.15 -18.01	126.03 6.79 -18.50	192.32 9.43 -65.80	206.31 11.86 -53.14	312.13 15.48 -119.12	290.62 6.44 -213.89	89.78 4.95 -24.94	97.73 6.60 -2.20	96.42 5.41 -14.49	111.41 5.10 -33.45	157.04 2.53 -119.02	143.25 5.19 -69.05	131.99 5.07 -61.81	131.02 8.28 -21.37	139.57 7.44 -40.74	69.51 3.49 -23.61	59.55 4.10 -6.02	52.91 3.80 0.06	59.35 3.96 -1.49	71.49 4.22 0.00
PLATSBURG_115KV_PMLD1 355749	92.17 1.25 0.00	117.10 1.72 0.00	116.10 1.87 0.00	103.24 1.99 0.00	139.87 2.06 0.00	101.37 0.64 0.00	116.80 -0.29 0.00	140.28 -1.03 0.00	175.68 -1.86 0.00	69.76 -0.53 0.00	59.80 -0.09 0.00	88.02 -0.91 0.00	75.96 -0.56 0.00	72.44 -0.43 0.00	35.11 -0.38 0.00	68.52 -0.48 0.00	64.91 -0.21 0.00	101.09 -0.27 0.00	90.75 -0.64 0.00	42.05 -0.35 0.00	48.80 -0.62 0.00	48.72 -0.44 0.00	53.44 -0.47 0.00	67.57 0.30 0.00
PLEASANTVLY___LBMP 24000	99.87 6.46 -2.50	132.55 8.24 -8.92	130.72 7.79 -8.69	128.37 6.72 -20.40	166.15 9.35 -18.98	127.34 7.10 -19.50	208.35 9.30 -81.96	208.72 11.38 -56.03	317.92 14.68 -125.70	303.07 6.06 -226.72	90.90 4.73 -26.29	97.54 6.30 -2.31	96.94 5.25 -15.17	112.79 4.94 -34.99	162.34 2.44 -124.41	145.96 5.02 -71.93	134.42 4.91 -64.40	131.53 7.90 -22.26	141.01 7.17 -42.44	70.35 3.35 -24.60	59.65 3.92 -6.30	52.85 3.68 0.00	60.19 3.87 -2.41	71.52 4.25 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	100.38 7.08 -2.39	132.89 8.98 -8.52	131.06 8.52 -8.31	127.99 7.22 -19.50	166.02 10.05 -18.15	127.03 7.65 -18.65	205.60 10.11 -78.39	207.41 12.54 -53.57	313.87 16.25 -120.08	292.67 6.65 -215.73	90.24 5.22 -25.14	98.17 7.02 -2.22	96.94 5.83 -14.58	112.01 5.48 -33.66	158.01 2.72 -119.80	144.12 5.58 -69.53	132.83 5.48 -62.23	131.69 8.81 -21.52	140.35 7.94 -41.02	69.90 3.72 -23.78	59.86 4.35 -6.09	53.23 4.06 0.00	60.49 4.26 -2.32	71.92 4.66 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	100.38 7.08 -2.39	132.89 8.98 -8.52	131.06 8.52 -8.31	127.99 7.22 -19.50	166.02 10.05 -18.15	127.03 7.65 -18.65	205.60 10.11 -78.39	207.41 12.54 -53.57	313.87 16.25 -120.08	292.67 6.65 -215.73	90.24 5.22 -25.14	98.17 7.02 -2.22	96.94 5.83 -14.58	112.01 5.48 -33.66	158.01 2.72 -119.80	144.12 5.58 -69.53	132.83 5.48 -62.23	131.69 8.81 -21.52	140.35 7.94 -41.02	69.90 3.72 -23.78	59.86 4.35 -6.09	53.23 4.06 0.00	60.49 4.26 -2.32	71.92 4.66 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	101.34 7.76 -2.66	134.76 9.88 -9.49	132.92 9.44 -9.25	131.18 8.22 -21.71	169.47 11.45 -20.21	130.21 8.72 -20.76	215.65 11.31 -87.24	214.68 13.92 -59.45	328.07 17.93 -132.61	309.40 7.31 -231.81	93.36 5.63 -27.85	98.64 7.47 -2.24	97.53 6.26 -14.75	112.88 5.57 -34.44	160.66 2.78 -122.39	145.29 5.77 -70.52	133.96 5.70 -63.14	132.31 9.12 -21.83	141.29 8.28 -41.62	70.39 3.86 -24.12	60.11 4.51 -6.18	53.40 4.23 0.00	60.70 4.44 -2.36	72.18 4.91 0.00
POLETTI_____ 23519	100.25 6.96 -2.37	132.57 8.73 -8.46	130.66 8.18 -8.24	127.34 6.74 -19.35	165.34 9.52 -18.01	126.26 7.02 -18.50	204.59 9.73 -77.77	206.73 12.28 -53.14	312.81 16.16 -119.12	290.88 6.71 -213.89	89.99 5.17 -24.94	98.12 6.99 -2.20	96.77 5.76 -14.49	111.73 5.42 -33.45	157.18 2.68 -119.02	143.54 5.48 -69.05	132.29 5.37 -61.81	131.54 8.81 -21.37	140.01 7.88 -40.74	69.74 3.72 -23.61	59.84 4.37 -6.05	53.18 4.01 0.00	60.42 4.21 -2.31	71.79 4.52 0.00
POMONA___ESR 323819	99.37 6.20 -2.25	131.37 7.94 -8.05	129.54 7.47 -7.84	125.99 6.33 -18.41	163.78 8.84 -17.13	125.06 6.73 -17.60	200.12 9.06 -73.97	202.96 11.13 -50.52	305.07 14.37 -113.16	278.58 5.93 -202.37	88.20 4.59 -23.72	97.22 6.18 -2.11	95.47 5.06 -13.88	109.68 4.75 -32.07	152.04 2.40 -114.15	140.29 4.97 -66.31	129.33 4.86 -59.35	129.76 7.87 -20.52	137.65 7.14 -39.12	68.42 3.34 -22.68	59.17 3.93 -5.81	52.84 3.67 0.00	59.92 3.80 -2.22	71.38 4.11 0.00
PORT_JEFF_3 23555	103.22 9.94 -2.37	138.81 13.40 -10.03	135.09 12.60 -8.25	131.48 10.85 -19.37	170.52 14.69 -18.02	158.70 12.30 -45.66	217.38 13.63 -86.66	236.52 17.00 -78.21	317.01 20.33 -119.15	291.39 7.15 -213.95	96.47 7.10 -29.48	100.51 9.38 -2.21	98.62 7.61 -14.49	114.17 7.85 -33.46	161.83 4.07 -122.27	148.75 8.53 -71.21	156.64 8.27 -83.26	181.81 12.77 -67.67	280.33 12.27 -176.66	148.33 5.73 -100.20	143.37 6.71 -87.23	126.86 6.31 -71.38	125.66 6.75 -65.00	74.49 7.22 -0.01

PORT_JEFF_4 23616	103.22 9.94 -2.37	138.81 13.40 -10.03	135.09 12.60 -8.25	131.48 10.85 -19.37	170.52 14.69 -18.02	158.70 12.30 -45.66	217.38 13.63 -86.66	236.52 17.00 -78.21	317.01 20.33 -119.15	291.39 7.15 -213.95	96.47 7.10 -29.48	100.51 9.38 -2.21	98.62 7.61 -14.49	114.17 7.85 -33.46	161.83 4.07 -122.27	148.75 8.53 -71.21	156.64 8.27 -83.26	181.81 12.77 -67.67	280.33 12.27 -176.66	148.33 5.73 -100.20	143.37 6.71 -87.23	126.86 6.31 -71.38	125.66 6.75 -65.00	74.49 7.22 -0.01
PORT_JEFF_IC 23713	103.27 9.98 -2.37	138.92 13.51 -10.03	135.18 12.69 -8.25	131.55 10.92 -19.37	170.60 14.77 -18.02	158.66 12.35 -45.57	217.41 13.69 -86.63	236.48 17.05 -78.13	316.71 20.03 -119.15	291.25 7.02 -213.95	96.50 7.13 -29.48	100.55 9.42 -2.21	98.64 7.63 -14.49	114.18 7.86 -33.46	161.86 4.10 -122.27	148.83 8.60 -71.23	156.73 8.29 -83.32	181.63 12.70 -67.56	279.88 12.21 -176.28	148.34 5.77 -100.16	143.36 6.77 -87.16	126.80 6.35 -71.28	125.57 6.79 -64.87	74.54 7.26 -0.01
PPL_PILGRIM_ST_GT1 24216	103.47 10.18 -2.37	139.01 13.61 -10.00	135.34 12.85 -8.25	131.72 11.09 -19.37	170.74 14.91 -18.02	158.37 12.44 -45.20	217.73 14.15 -86.49	236.82 17.77 -77.75	318.39 21.70 -119.15	292.12 7.88 -213.95	96.73 7.36 -29.48	100.76 9.62 -2.21	98.95 7.94 -14.49	114.40 8.08 -33.46	161.90 4.15 -122.26	148.98 8.65 -71.32	157.12 8.31 -83.70	181.30 12.80 -67.14	278.28 12.19 -174.70	148.12 5.58 -100.13	142.97 6.55 -87.00	126.26 6.17 -70.93	124.85 6.57 -64.38	74.30 7.02 -0.01
PPL_PILGRIM_ST_GT2 24217	103.47 10.18 -2.37	139.01 13.61 -10.00	135.34 12.85 -8.25	131.72 11.09 -19.37	170.74 14.91 -18.02	158.37 12.44 -45.20	217.73 14.15 -86.49	236.82 17.77 -77.75	318.39 21.70 -119.15	292.12 7.88 -213.95	96.73 7.36 -29.48	100.76 9.62 -2.21	98.95 7.94 -14.49	114.40 8.08 -33.46	161.90 4.15 -122.26	148.98 8.65 -71.32	157.12 8.31 -83.70	181.30 12.80 -67.14	278.28 12.19 -174.70	148.12 5.58 -100.13	142.97 6.55 -87.00	126.26 6.17 -70.93	124.85 6.57 -64.38	74.30 7.02 -0.01
PPL_SHRM_GT3 24213	103.43 10.15 -2.37	139.71 14.30 -10.03	135.90 13.41 -8.25	132.27 11.64 -19.37	171.72 15.89 -18.02	159.65 13.29 -45.63	218.28 14.54 -86.65	237.54 18.04 -78.18	317.33 20.64 -119.15	290.58 6.34 -213.95	96.34 6.97 -29.48	100.83 9.69 -2.21	98.41 7.40 -14.49	114.37 8.05 -33.46	161.96 4.21 -122.27	149.27 9.05 -71.22	157.34 8.94 -83.29	182.87 13.88 -67.63	281.46 13.54 -176.52	148.88 6.28 -100.19	143.98 7.34 -87.21	127.26 6.75 -71.35	126.23 7.37 -64.95	75.17 7.89 -0.01
PPL_SHRM_GT4 24214	103.43 10.15 -2.37	139.71 14.30 -10.03	135.90 13.41 -8.25	132.27 11.64 -19.37	171.72 15.89 -18.02	159.65 13.29 -45.63	218.28 14.54 -86.65	237.54 18.04 -78.18	317.33 20.64 -119.15	290.58 6.34 -213.95	96.34 6.97 -29.48	100.83 9.69 -2.21	98.41 7.40 -14.49	114.37 8.05 -33.46	161.96 4.21 -122.27	149.27 9.05 -71.22	157.34 8.94 -83.29	182.87 13.88 -67.63	281.46 13.54 -176.52	148.88 6.28 -100.19	143.98 7.34 -87.21	127.26 6.75 -71.35	126.23 7.37 -64.95	75.17 7.89 -0.01
PROJECT___ORANGE 1 24174	89.87 -1.05 0.00	114.00 -1.39 0.00	112.77 -1.47 0.00	99.83 -1.43 0.00	135.97 -1.84 0.00	99.82 -0.92 0.00	116.16 -0.93 0.00	140.25 -1.09 -0.03	176.85 -0.86 -0.17	71.50 -0.17 -1.38	59.63 -0.25 0.00	88.60 -0.54 -0.21	77.39 -0.53 -1.39	75.54 -0.53 -3.21	46.71 -0.18 -11.41	75.11 -0.48 -6.59	70.65 -0.39 -5.92	102.67 -0.74 -2.05	94.55 -0.75 -3.91	44.34 -0.33 -2.26	49.54 -0.46 -0.58	48.56 -0.60 0.00	53.32 -0.80 -0.22	66.08 -1.19 0.00
PROJECT___ORANGE 2 24166	89.87 -1.05 0.00	114.00 -1.39 0.00	112.77 -1.47 0.00	99.83 -1.43 0.00	135.97 -1.84 0.00	99.82 -0.92 0.00	116.16 -0.93 0.00	140.25 -1.09 -0.03	176.85 -0.86 -0.17	71.50 -0.17 -1.38	59.63 -0.25 0.00	88.60 -0.54 -0.21	77.39 -0.53 -1.39	75.54 -0.53 -3.21	46.71 -0.18 -11.41	75.11 -0.48 -6.59	70.65 -0.39 -5.92	102.67 -0.74 -2.05	94.55 -0.75 -3.91	44.34 -0.33 -2.26	49.54 -0.46 -0.58	48.56 -0.60 0.00	53.32 -0.80 -0.22	66.08 -1.19 0.00
PUCKETT___SOLAR 323809	93.84 2.01 -0.91	121.04 2.41 -3.25	119.60 2.20 -3.16	110.52 1.84 -7.42	147.45 2.73 -6.91	110.63 2.80 -7.10	150.26 3.33 -29.83	164.99 3.64 -20.05	226.73 5.57 -43.63	138.01 2.36 -65.37	71.27 1.83 -9.54	92.40 2.72 -0.75	83.58 2.10 -4.96	86.20 1.91 -11.43	77.13 1.06 -40.58	94.46 2.01 -23.44	88.12 1.94 -21.07	111.37 2.73 -7.28	107.63 2.35 -13.89	51.37 0.92 -8.05	52.27 0.78 -2.06	49.57 0.41 0.00	54.85 0.16 -0.79	67.19 -0.08 0.00
PYRITES___HYD 24023	91.52 0.60 0.00	116.18 0.79 0.00	115.09 0.85 0.00	102.36 1.11 0.00	138.52 0.70 0.00	100.10 -0.63 0.00	114.89 -2.20 0.00	138.47 -2.84 0.00	173.10 -4.43 0.00	68.46 -1.83 0.00	58.58 -1.31 0.00	85.92 -3.01 0.00	74.35 -2.18 0.00	70.91 -1.95 0.00	34.44 -1.05 0.00	67.20 -1.81 0.00	63.27 -1.85 0.00	98.98 -2.39 0.00	89.11 -2.29 0.00	41.21 -1.19 0.00	48.14 -1.29 0.00	48.65 -0.51 0.00	53.78 -0.13 0.00	68.02 0.75 0.00
QUAKERRD_115KV_BK1 80622	87.35 -3.56 0.00	110.80 -4.59 0.00	109.63 -4.60 0.00	97.00 -4.26 0.00	132.04 -5.77 0.00	97.17 -3.56 0.00	111.76 -4.94 0.39	134.85 -6.49 -0.04	169.94 -7.82 -0.22	69.23 -2.85 -1.79	57.48 -2.41 0.00	84.89 -4.31 -0.27	74.45 -3.86 -1.78	73.13 -3.83 -4.10	48.25 -1.81 -14.57	73.71 -3.71 -8.41	68.66 -3.38 -6.93	95.24 -5.64 0.49	77.41 -5.18 8.80	41.13 -2.32 -1.04	42.55 -2.71 4.17	44.51 -2.88 1.77	45.30 -3.33 5.28	61.60 -4.09 1.58
QUENSBRY_115KV_TB8 356137	111.64 5.29 -15.43	177.15 6.66 -55.10	174.53 6.61 -53.69	233.42 6.11 -126.06	263.26 8.11 -117.34	227.51 6.24 -120.54	631.79 8.11 -506.59	489.95 10.08 -338.57	920.96 13.46 -729.96	1101.88 5.22 -1026.38	225.77 4.27 -161.61	97.17 5.41 -2.83	99.72 4.60 -18.60	120.06 4.39 -42.80	189.59 2.15 -151.95	162.19 4.68 -88.50	149.98 4.46 -80.41	136.26 7.09 -27.80	150.74 6.35 -52.99	76.06 2.94 -30.72	60.55 3.26 -7.87	52.20 3.04 0.00	60.08 3.17 -3.00	70.72 3.45 0.00
RAMAPO___LBMP 323565	99.14 5.98 -2.25	131.01 7.61 -8.02	129.25 7.20 -7.81	125.66 6.06 -18.34	163.38 8.50 -17.07	124.72 6.44 -17.54	199.52 8.73 -73.70	202.36 10.72 -50.34	304.08 13.80 -112.74	277.56 5.70 -201.58	87.92 4.41 -23.63	96.94 5.90 -2.11	95.20 4.83 -13.84	109.36 4.52 -31.98	151.60 2.29 -113.82	139.88 4.74 -66.14	128.96 4.65 -59.19	129.37 7.54 -20.46	137.25 6.84 -39.02	68.21 3.19 -22.62	58.98 3.76 -5.79	52.67 3.51 0.00	59.74 3.62 -2.21	71.19 3.92 0.00
RANKINE____ 23646	87.24 -4.02 -0.35	111.39 -5.23 -1.24	110.32 -5.12 -1.21	99.23 -4.86 -2.84	133.54 -6.91 -2.64	99.48 -3.96 -2.71	120.89 -6.79 -10.59	139.50 -9.45 -7.64	182.92 -11.25 -16.64	91.69 -3.97 -25.38	60.22 -3.29 -3.63	83.05 -6.25 -0.38	73.17 -5.85 -2.50	72.62 -5.99 -5.75	52.18 -2.88 -19.57	74.84 -5.96 -11.79	69.06 -5.35 -9.29	89.53 -9.15 2.68	56.79 -8.18 26.43	30.65 -3.63 8.12	29.71 -4.23 15.49	32.91 -4.44 11.81	34.45 -5.09 14.36	52.74 -6.03 8.50
RAVENSWOOD_GT2_1 24244	100.58 7.30 -2.37	133.03 9.19 -8.46	131.12 8.64 -8.24	127.77 7.16 -19.35	165.97 10.14 -18.01	126.86 7.62 -18.51	205.15 10.28 -77.78	207.37 12.92 -53.15	313.53 16.87 -119.13	291.14 6.94 -213.91	90.25 5.42 -24.94	98.43 7.30 -2.21	97.07 6.06 -14.49	112.02 5.71 -33.45	157.34 2.83 -119.03	143.83 5.76 -69.06	132.56 5.63 -61.81	131.83 9.09 -21.37	140.32 8.18 -40.74	69.84 3.82 -23.62	59.98 4.50 -6.05	53.36 4.20 0.00	60.61 4.39 -2.31	72.02 4.75 0.00

RAVENSWOOD_GT2_2 24245	100.58 7.30 -2.37	133.03 9.19 -8.46	131.12 8.64 -8.24	127.77 7.16 -19.35	165.97 10.14 -18.01	126.86 7.62 -18.51	205.15 10.28 -77.78	207.37 12.92 -53.15	313.53 16.87 -119.13	291.14 6.94 -213.91	90.25 5.42 -24.94	98.43 7.30 -2.21	97.07 6.06 -14.49	112.02 5.71 -33.45	157.34 2.83 -119.03	143.83 5.76 -69.06	132.56 5.63 -61.81	131.83 9.09 -21.37	140.32 8.18 -40.74	69.84 3.82 -23.62	59.98 4.50 -6.05	53.36 4.20 0.00	60.61 4.39 -2.31	72.02 4.75 0.00
RAVENSWOOD_GT2_3 24246	100.60 7.32 -2.37	133.05 9.21 -8.46	131.16 8.68 -8.24	127.83 7.22 -19.35	166.00 10.17 -18.01	126.89 7.65 -18.51	205.23 10.35 -77.78	207.42 12.96 -53.15	313.58 16.91 -119.13	291.17 6.98 -213.91	90.28 5.45 -24.94	98.49 7.36 -2.21	97.11 6.10 -14.49	112.06 5.75 -33.45	157.35 2.84 -119.03	143.86 5.80 -69.06	132.60 5.67 -61.81	131.87 9.14 -21.37	140.34 8.20 -40.74	69.87 3.85 -23.62	60.00 4.53 -6.05	53.38 4.22 0.00	60.64 4.42 -2.31	72.06 4.78 0.00
RAVENSWOOD_GT2_4 24247	100.60 7.32 -2.37	133.05 9.21 -8.46	131.16 8.68 -8.24	127.83 7.22 -19.35	166.00 10.17 -18.01	126.89 7.65 -18.51	205.23 10.35 -77.78	207.42 12.96 -53.15	313.58 16.91 -119.13	291.17 6.98 -213.91	90.28 5.45 -24.94	98.49 7.36 -2.21	97.11 6.10 -14.49	112.06 5.75 -33.45	157.35 2.84 -119.03	143.86 5.80 -69.06	132.60 5.67 -61.81	131.87 9.14 -21.37	140.34 8.20 -40.74	69.87 3.85 -23.62	60.00 4.53 -6.05	53.38 4.22 0.00	60.64 4.42 -2.31	72.06 4.78 0.00
RAVENSWOOD_GT3_1 24248	100.58 7.30 -2.37	133.03 9.19 -8.46	131.12 8.64 -8.24	127.77 7.16 -19.35	165.97 10.14 -18.01	126.86 7.62 -18.51	205.15 10.28 -77.78	207.39 12.93 -53.15	313.53 16.87 -119.13	291.14 6.94 -213.91	90.25 5.42 -24.94	98.43 7.30 -2.21	97.07 6.06 -14.49	112.02 5.71 -33.45	157.34 2.83 -119.03	143.84 5.78 -69.06	132.56 5.63 -61.81	131.83 9.09 -21.37	140.32 8.18 -40.74	69.84 3.82 -23.62	59.98 4.51 -6.05	53.36 4.20 0.00	60.61 4.39 -2.31	72.03 4.76 0.00
RAVENSWOOD_GT3_2 24249	100.58 7.30 -2.37	133.03 9.19 -8.46	131.12 8.64 -8.24	127.77 7.16 -19.35	165.97 10.14 -18.01	126.86 7.62 -18.51	205.15 10.28 -77.78	207.39 12.93 -53.15	313.53 16.87 -119.13	291.14 6.94 -213.91	90.25 5.42 -24.94	98.43 7.30 -2.21	97.07 6.06 -14.49	112.02 5.71 -33.45	157.34 2.83 -119.03	143.84 5.78 -69.06	132.56 5.63 -61.81	131.83 9.09 -21.37	140.32 8.18 -40.74	69.84 3.82 -23.62	59.98 4.51 -6.05	53.36 4.20 0.00	60.61 4.39 -2.31	72.03 4.76 0.00
RAVENSWOOD_GT3_3 24250	100.70 7.42 -2.37	133.18 9.33 -8.46	131.27 8.79 -8.24	127.93 7.32 -19.35	166.13 10.31 -18.01	126.99 7.76 -18.51	205.36 10.49 -77.78	207.59 13.14 -53.15	313.78 17.12 -119.13	291.26 7.06 -213.91	90.36 5.53 -24.94	98.60 7.47 -2.21	97.20 6.18 -14.49	112.15 5.84 -33.45	157.40 2.89 -119.03	143.93 5.87 -69.06	132.68 5.75 -61.81	132.01 9.28 -21.37	140.47 8.34 -40.74	69.92 3.90 -23.62	60.06 4.58 -6.05	53.44 4.28 0.00	60.70 4.48 -2.31	72.12 4.85 0.00
RAVENSWOOD_GT3_4 24251	100.70 7.42 -2.37	133.18 9.33 -8.46	131.27 8.79 -8.24	127.93 7.32 -19.35	166.13 10.31 -18.01	126.99 7.76 -18.51	205.36 10.49 -77.78	207.59 13.14 -53.15	313.78 17.12 -119.13	291.26 7.06 -213.91	90.36 5.53 -24.94	98.60 7.47 -2.21	97.20 6.18 -14.49	112.15 5.84 -33.45	157.40 2.89 -119.03	143.93 5.87 -69.06	132.68 5.75 -61.81	132.01 9.28 -21.37	140.47 8.34 -40.74	69.92 3.90 -23.62	60.06 4.58 -6.05	53.44 4.28 0.00	60.70 4.48 -2.31	72.12 4.85 0.00
RAVENSWOOD_GT_1 23729	100.85 7.56 -2.37	133.34 9.50 -8.46	131.45 8.97 -8.24	128.02 7.41 -19.35	166.37 10.54 -18.01	127.15 7.91 -18.51	205.61 10.74 -77.78	208.00 13.54 -53.15	314.35 17.68 -119.13	291.49 7.29 -213.91	90.49 5.66 -24.94	98.77 7.64 -2.21	97.34 6.33 -14.49	112.29 5.97 -33.45	157.48 2.97 -119.03	144.11 6.05 -69.06	132.84 5.91 -61.81	132.21 9.47 -21.37	140.63 8.50 -40.74	69.97 3.95 -23.62	61.54 4.68 -7.44	56.62 4.40 -3.06	62.55 4.58 -4.06	73.84 4.95 -1.62
RAVENSWOOD_GT_10 24258	100.58 7.30 -2.37	133.03 9.19 -8.46	131.10 8.62 -8.24	127.77 7.16 -19.35	165.96 10.13 -18.01	126.85 7.61 -18.51	205.15 10.28 -77.78	207.33 12.88 -53.15	313.45 16.79 -119.13	291.12 6.92 -213.91	90.24 5.41 -24.94	98.42 7.29 -2.21	97.06 6.04 -14.49	112.01 5.70 -33.45	157.34 2.83 -119.03	143.81 5.75 -69.06	132.55 5.62 -61.81	131.82 9.09 -21.37	140.31 8.18 -40.74	69.84 3.82 -23.62	60.13 4.50 -6.21	53.70 4.19 -0.35	60.80 4.38 -2.51	72.21 4.75 -0.19
RAVENSWOOD_GT_11 24259	100.58 7.30 -2.37	133.03 9.19 -8.46	131.10 8.62 -8.24	127.77 7.16 -19.35	165.96 10.13 -18.01	126.85 7.61 -18.51	205.15 10.28 -77.78	207.33 12.88 -53.15	313.45 16.79 -119.13	291.12 6.92 -213.91	90.24 5.41 -24.94	98.42 7.29 -2.21	97.06 6.04 -14.49	112.01 5.70 -33.45	157.34 2.83 -119.03	143.81 5.75 -69.06	132.55 5.62 -61.81	131.82 9.09 -21.37	140.31 8.18 -40.74	69.84 3.82 -23.62	60.13 4.50 -6.21	53.70 4.19 -0.35	60.80 4.38 -2.51	72.21 4.75 -0.19
RAVENSWOOD_GT_4 24252	100.55 7.26 -2.37	132.99 9.14 -8.46	131.06 8.58 -8.24	127.77 7.16 -19.35	165.88 10.06 -18.01	126.79 7.55 -18.51	205.11 10.24 -77.78	207.27 12.82 -53.15	313.40 16.74 -119.13	291.07 6.88 -213.91	90.21 5.38 -24.94	98.40 7.27 -2.21	97.04 6.02 -14.49	111.99 5.68 -33.45	157.31 2.80 -119.03	143.78 5.72 -69.06	132.52 5.59 -61.81	131.76 9.03 -21.37	140.26 8.13 -40.74	69.83 3.81 -23.62	61.01 4.48 -7.10	55.66 4.17 -2.33	61.91 4.36 -3.64	73.23 4.73 -1.23
RAVENSWOOD_GT_5 24254	100.55 7.26 -2.37	132.99 9.14 -8.46	131.06 8.58 -8.24	127.77 7.16 -19.35	165.88 10.06 -18.01	126.79 7.55 -18.51	205.11 10.24 -77.78	207.27 12.82 -53.15	313.40 16.74 -119.13	291.07 6.88 -213.91	90.21 5.38 -24.94	98.40 7.27 -2.21	97.04 6.02 -14.49	111.99 5.68 -33.45	157.31 2.80 -119.03	143.78 5.72 -69.06	132.52 5.59 -61.81	131.76 9.03 -21.37	140.26 8.13 -40.74	69.83 3.81 -23.62	61.01 4.48 -7.10	55.66 4.17 -2.33	61.91 4.36 -3.64	73.23 4.73 -1.23
RAVENSWOOD_GT_6 24253	100.55 7.26 -2.37	132.99 9.14 -8.46	131.06 8.58 -8.24	127.77 7.16 -19.35	165.88 10.06 -18.01	126.79 7.55 -18.51	205.11 10.24 -77.78	207.27 12.82 -53.15	313.40 16.74 -119.13	291.07 6.88 -213.91	90.21 5.38 -24.94	98.40 7.27 -2.21	97.04 6.02 -14.49	111.99 5.68 -33.45	157.31 2.80 -119.03	143.78 5.72 -69.06	132.52 5.59 -61.81	131.76 9.03 -21.37	140.26 8.13 -40.74	69.83 3.81 -23.62	61.01 4.48 -7.10	55.66 4.17 -2.33	61.91 4.36 -3.64	73.23 4.73 -1.23
RAVENSWOOD_GT_7 24255	100.55 7.26 -2.37	132.99 9.14 -8.46	131.06 8.58 -8.24	127.77 7.16 -19.35	165.88 10.06 -18.01	126.79 7.55 -18.51	205.11 10.24 -77.78	207.27 12.82 -53.15	313.40 16.74 -119.13	291.07 6.88 -213.91	90.21 5.38 -24.94	98.40 7.27 -2.21	97.04 6.02 -14.49	111.99 5.68 -33.45	157.31 2.80 -119.03	143.78 5.72 -69.06	132.52 5.59 -61.81	131.76 9.03 -21.37	140.26 8.13 -40.74	69.83 3.81 -23.62	61.01 4.48 -7.10	55.66 4.17 -2.33	61.91 4.36 -3.64	73.23 4.73 -1.23
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	100.58 7.30 -2.37	133.03 9.19 -8.46	131.10 8.62 -8.24	127.77 7.16 -19.35	165.96 10.13 -18.01	126.85 7.61 -18.51	205.15 10.28 -77.78	207.33 12.88 -53.15	313.45 16.79 -119.13	291.12 6.92 -213.91	90.24 5.41 -24.94	98.42 7.29 -2.21	97.06 6.04 -14.49	112.01 5.70 -33.45	157.34 2.83 -119.03	143.81 5.75 -69.06	132.55 5.62 -61.81	131.82 9.09 -21.37	140.31 8.18 -40.74	69.84 3.82 -23.62	60.13 4.50 -6.21	53.70 4.19 -0.35	60.80 4.38 -2.51	72.21 4.75 -0.19

RAVENSWOOD_GT_9 24257	100.58 7.30 -2.37	133.03 9.19 -8.46	131.10 8.62 -8.24	127.77 7.16 -19.35	165.96 10.13 -18.01	126.85 7.61 -18.51	205.15 10.28 -77.78	207.33 12.88 -53.15	313.45 16.79 -119.13	291.12 6.92 -213.91	90.24 5.41 -24.94	98.42 7.29 -2.21	97.06 6.04 -14.49	112.01 5.70 -33.45	157.34 2.83 -119.03	143.81 5.75 -69.06	132.55 5.62 -61.81	131.82 9.09 -21.37	140.31 8.18 -40.74	69.84 3.82 -23.62	60.13 4.50 -6.21	53.70 4.19 -0.35	60.80 4.38 -2.51	72.21 4.75 -0.19
RAVENSWOOD___1 23533	100.75 7.47 -2.37	133.21 9.37 -8.46	131.34 8.86 -8.24	127.91 7.30 -19.35	166.21 10.38 -18.01	127.04 7.80 -18.51	205.49 10.62 -77.78	207.82 13.36 -53.15	314.20 17.54 -119.13	291.43 7.23 -213.91	90.40 5.57 -24.94	98.66 7.52 -2.21	97.25 6.24 -14.49	112.21 5.89 -33.45	157.44 2.92 -119.03	144.05 5.99 -69.06	132.77 5.85 -61.81	132.12 9.38 -21.37	140.55 8.41 -40.74	69.93 3.91 -23.62	58.75 4.63 -4.68	50.49 4.34 3.01	59.02 4.53 -0.58	70.56 4.88 1.59
RAVENSWOOD___2 23534	100.75 7.47 -2.37	133.21 9.37 -8.46	131.34 8.86 -8.24	127.91 7.30 -19.35	166.21 10.38 -18.01	127.04 7.80 -18.51	205.49 10.62 -77.78	207.82 13.36 -53.15	314.20 17.54 -119.13	291.43 7.23 -213.91	90.40 5.57 -24.94	98.66 7.52 -2.21	97.25 6.24 -14.49	112.21 5.89 -33.45	157.44 2.92 -119.03	144.05 5.99 -69.06	132.77 5.85 -61.81	132.12 9.38 -21.37	140.55 8.41 -40.74	69.93 3.91 -23.62	58.75 4.63 -4.68	50.49 4.34 3.01	59.02 4.53 -0.58	70.56 4.88 1.59
RAVENSWOOD___3 23535	100.58 7.29 -2.37	133.03 9.19 -8.46	131.15 8.67 -8.24	127.77 7.16 -19.35	165.96 10.14 -18.01	126.86 7.62 -18.51	205.16 10.29 -77.78	207.37 12.91 -53.15	313.53 16.87 -119.13	291.14 6.95 -213.91	90.24 5.41 -24.94	98.44 7.31 -2.21	97.07 6.06 -14.49	112.01 5.70 -33.45	157.34 2.83 -119.03	143.84 5.78 -69.06	132.56 5.64 -61.81	131.83 9.10 -21.37	140.33 8.19 -40.74	69.85 3.83 -23.62	59.99 4.51 -6.05	53.37 4.21 0.00	60.62 4.40 -2.31	72.05 4.77 0.00
RAVENSWOOD___4 23820	100.75 7.47 -2.37	133.21 9.37 -8.46	131.34 8.86 -8.24	127.91 7.30 -19.35	166.21 10.38 -18.01	127.04 7.80 -18.51	205.49 10.62 -77.78	207.82 13.36 -53.15	314.20 17.54 -119.13	291.43 7.23 -213.91	90.40 5.57 -24.94	98.66 7.52 -2.21	97.25 6.24 -14.49	112.21 5.89 -33.45	157.44 2.92 -119.03	144.05 5.99 -69.06	132.77 5.85 -61.81	132.12 9.38 -21.37	140.55 8.41 -40.74	69.93 3.91 -23.62	58.75 4.63 -4.68	50.49 4.34 3.01	59.02 4.53 -0.58	70.56 4.88 1.59
RCPL_TRUST___DRP 24196	100.64 7.36 -2.37	133.08 9.23 -8.46	131.16 8.68 -8.24	127.85 7.25 -19.35	166.02 10.19 -18.01	126.92 7.68 -18.50	205.25 10.40 -77.76	207.52 13.07 -53.14	313.69 17.06 -119.10	291.18 7.03 -213.86	90.34 5.52 -24.94	98.59 7.46 -2.20	97.18 6.18 -14.49	112.14 5.83 -33.44	157.36 2.87 -119.00	143.91 5.86 -69.05	132.64 5.73 -61.80	131.96 9.23 -21.37	140.41 8.28 -40.73	69.88 3.87 -23.61	60.01 4.54 -6.05	53.39 4.23 0.00	60.63 4.42 -2.31	72.06 4.79 0.00
RED___ROCHESTER 323720	89.59 -1.33 0.00	113.55 -1.83 0.00	112.34 -1.89 0.00	99.31 -1.95 0.00	135.24 -2.57 0.00	99.59 -1.15 0.00	114.27 -2.38 0.44	137.85 -3.49 -0.04	173.81 -3.96 -0.23	70.89 -1.25 -1.85	58.90 -0.99 0.00	86.72 -2.49 -0.28	76.01 -2.35 -1.84	74.62 -2.48 -4.24	49.42 -1.10 -15.04	75.27 -2.42 -8.68	70.15 -2.06 -7.09	96.90 -3.69 0.78	77.75 -3.35 10.29	41.85 -1.46 -0.91	43.01 -1.69 4.73	45.28 -1.91 1.98	45.68 -2.30 5.94	62.75 -2.74 1.77
REGAN___SOLAR 323812	112.38 6.25 -15.22	177.60 7.87 -54.35	174.84 7.65 -52.96	232.37 6.77 -124.34	262.96 9.41 -115.74	226.99 7.36 -118.90	625.95 9.19 -499.67	486.58 11.38 -333.89	911.45 14.20 -719.72	1085.78 5.36 -1010.13	223.64 4.30 -159.45	97.87 5.92 -3.03	101.40 4.96 -19.92	123.10 4.40 -45.84	200.66 2.42 -162.75	169.14 5.37 -94.77	156.31 5.12 -86.07	139.44 8.32 -29.76	155.54 7.42 -56.73	78.64 3.35 -32.89	61.65 3.80 -8.42	52.75 3.59 0.00	60.86 3.73 -3.21	71.57 4.30 0.00
RENSSELAER___COGEN 23796	103.78 4.53 -8.33	151.01 5.86 -29.76	148.95 5.71 -29.00	174.12 4.77 -68.10	207.89 6.69 -63.39	170.61 4.76 -65.12	396.30 5.54 -273.67	330.89 6.58 -183.00	580.86 8.35 -394.98	633.43 3.51 -559.63	149.96 2.83 -87.24	95.81 4.15 -2.73	98.16 3.69 -17.95	117.53 3.33 -41.33	183.67 1.45 -146.74	157.14 2.67 -85.46	145.21 2.44 -77.65	131.93 3.72 -26.85	145.94 3.36 -51.18	73.70 1.63 -29.67	58.92 1.90 -7.60	51.04 1.87 0.00	59.02 2.21 -2.90	70.12 2.85 0.00
REPUBLIC_115KV_BARTNBRK 55605	115.63 9.35 -15.35	182.16 11.94 -54.84	179.71 12.05 -53.43	238.04 11.34 -125.45	269.26 14.68 -116.77	231.93 11.23 -119.96	635.62 14.38 -504.14	496.35 18.11 -336.93	928.15 24.16 -726.46	1101.03 9.14 -1021.60	228.40 7.68 -160.83	100.43 8.67 -2.83	102.31 7.20 -18.58	122.54 6.90 -42.77	190.75 3.41 -151.85	165.43 7.98 -88.44	152.91 7.44 -80.35	141.16 12.02 -27.78	155.17 10.82 -52.96	78.18 5.08 -30.70	62.71 5.43 -7.86	54.16 5.00 0.00	62.27 5.36 -3.00	73.21 5.94 0.00
REVERE_CPDR_DRP 24186	95.01 4.09 0.00	120.53 5.15 0.00	119.18 4.94 0.00	105.62 4.36 0.00	143.79 5.98 0.00	105.70 4.97 0.00	123.23 6.13 0.00	148.83 7.52 0.00	187.57 10.03 0.00	74.38 4.09 0.00	63.27 3.38 0.00	93.73 4.69 -0.11	81.25 3.99 -0.75	78.52 3.94 -1.72	43.58 1.98 -6.10	76.17 3.64 -3.52	71.75 3.46 -3.17	107.86 5.40 -1.10	98.21 4.75 -2.06	45.66 2.05 -1.21	51.89 2.16 -0.31	51.10 1.93 0.00	55.84 1.82 -0.12	69.19 1.92 0.00
REYNOLDS_115KV_TB3 80639	105.89 5.44 -9.53	156.48 7.05 -34.05	154.28 6.87 -33.17	185.09 5.95 -77.89	218.49 8.18 -72.50	181.18 5.96 -74.48	437.12 7.02 -313.01	358.91 8.24 -209.37	640.01 10.38 -452.10	717.51 4.44 -642.78	163.16 3.51 -99.77	96.31 4.64 -2.74	98.59 4.08 -17.98	118.02 3.76 -41.40	184.16 1.68 -146.99	157.87 3.27 -85.60	145.90 3.03 -77.76	132.96 4.71 -26.88	146.88 4.24 -51.25	74.10 1.99 -29.71	59.37 2.34 -7.61	51.49 2.33 0.00	59.44 2.63 -2.90	70.46 3.19 0.00
RIVERBAY____ 323610	100.93 7.64 -2.37	133.48 9.63 -8.46	131.74 9.26 -8.24	128.22 7.61 -19.35	166.88 11.05 -18.01	127.53 8.29 -18.51	206.17 11.30 -77.78	208.59 14.13 -53.15	314.93 18.27 -119.13	291.48 7.28 -213.91	90.47 5.64 -24.94	98.66 7.53 -2.21	97.24 6.23 -14.49	112.17 5.85 -33.45	157.47 2.96 -119.03	144.08 6.02 -69.06	132.89 5.96 -61.81	132.24 9.50 -21.37	140.77 8.64 -40.74	69.97 3.96 -23.62	60.11 4.63 -6.05	53.54 4.37 0.00	60.78 4.57 -2.31	72.21 4.94 0.00
RIVERSIDE_115KV_TB3 55908	105.51 5.07 -9.52	155.93 6.55 -34.00	153.76 6.40 -33.13	184.45 5.42 -77.78	217.74 7.53 -72.40	180.56 5.45 -74.37	436.08 6.43 -312.57	357.90 7.57 -209.03	638.38 9.64 -451.20	714.14 4.09 -639.77	162.79 3.26 -99.64	96.27 4.60 -2.74	98.58 4.03 -18.03	118.04 3.68 -41.50	184.45 1.63 -147.34	157.90 3.08 -85.81	145.92 2.84 -77.96	132.68 4.37 -26.95	146.71 3.93 -51.38	74.06 1.87 -29.79	59.23 2.18 -7.63	51.32 2.16 0.00	59.31 2.49 -2.91	70.38 3.11 0.00
ROARING___BROOK_WT_PWR 323790	90.09 -0.83 0.00	114.41 -0.97 0.00	113.40 -0.84 0.00	100.60 -0.65 0.00	136.89 -0.92 0.00	99.76 -0.98 0.00	115.50 -1.59 0.00	139.45 -1.86 0.00	174.55 -2.98 0.00	69.28 -1.01 0.00	59.19 -0.70 0.00	87.87 -1.06 0.00	75.74 -0.78 0.00	72.10 -0.76 0.00	35.05 -0.44 0.00	67.80 -1.21 0.00	64.10 -1.01 0.00	99.85 -1.52 0.00	89.76 -1.63 0.00	41.44 -0.97 0.00	48.19 -1.24 0.00	47.87 -1.29 0.00	52.36 -1.55 0.00	65.39 -1.88 0.00

ROCHESRG_115KV_T4 355643	88.51 -2.40 0.00	112.25 -3.14 0.00	111.08 -3.16 0.00	98.22 -3.03 0.00	133.70 -4.11 0.00	98.41 -2.32 0.00	112.77 -3.89 0.43	135.92 -5.43 -0.04	171.29 -6.48 -0.23	69.86 -2.26 -1.84	58.02 -1.87 0.00	85.54 -3.67 -0.28	75.00 -3.34 -1.83	73.68 -3.38 -4.20	48.83 -1.58 -14.92	74.29 -3.33 -8.62	69.22 -2.94 -7.04	95.57 -5.04 0.74	76.67 -4.62 10.10	41.29 -2.03 -0.92	42.44 -2.33 4.66	44.66 -2.55 1.95	45.12 -2.94 5.85	61.99 -3.53 1.75
ROCHESTER_9_IC 23652	89.08 -1.84 0.00	112.94 -2.44 0.00	111.76 -2.48 0.00	98.80 -2.46 0.00	134.52 -3.29 0.00	99.05 -1.68 0.00	113.55 -3.10 0.44	136.92 -4.43 -0.04	172.58 -5.19 -0.23	70.39 -1.75 -1.85	58.47 -1.42 0.00	86.16 -3.04 -0.28	75.54 -2.82 -1.84	74.20 -2.90 -4.24	49.19 -1.33 -15.04	74.83 -2.86 -8.68	69.72 -2.49 -7.09	96.25 -4.33 0.78	77.14 -3.96 10.29	41.58 -1.73 -0.91	42.71 -1.98 4.73	44.97 -2.21 1.98	45.37 -2.61 5.94	62.37 -3.12 1.77
ROCKVIEW_13_KV_LD 356306	100.77 7.49 -2.37	133.34 9.50 -8.46	131.42 8.94 -8.24	128.18 7.57 -19.35	166.41 10.58 -18.01	127.26 8.02 -18.50	205.49 10.63 -77.77	207.69 13.23 -53.14	313.79 17.14 -119.12	291.20 7.02 -213.90	90.37 5.54 -24.94	98.61 7.48 -2.20	97.22 6.21 -14.49	112.16 5.85 -33.45	157.41 2.90 -119.02	143.99 5.93 -69.05	132.73 5.81 -61.81	132.12 9.38 -21.37	140.60 8.47 -40.74	69.97 3.95 -23.61	60.10 4.63 -6.05	53.48 4.32 0.00	60.74 4.52 -2.31	72.22 4.95 0.00
ROME____115KV_TB2 80656	95.01 4.09 0.00	120.53 5.15 0.00	119.18 4.94 0.00	105.62 4.36 0.00	143.79 5.98 0.00	105.70 4.97 0.00	123.23 6.13 0.00	148.83 7.52 0.00	187.57 10.03 0.00	74.38 4.09 0.00	63.27 3.38 0.00	93.73 4.69 -0.11	81.25 3.99 -0.75	78.52 3.94 -1.72	43.58 1.98 -6.10	76.17 3.64 -3.52	71.75 3.46 -3.17	107.86 5.40 -1.10	98.21 4.75 -2.06	45.66 2.05 -1.21	51.89 2.16 -0.31	51.10 1.93 0.00	55.84 1.82 -0.12	69.19 1.92 0.00
ROSETON___1 23587	99.48 6.23 -2.34	131.64 7.92 -8.34	129.85 7.48 -8.12	126.75 6.42 -19.07	164.50 8.93 -17.75	125.76 6.79 -18.24	202.74 8.99 -76.65	204.65 10.97 -52.37	309.13 14.23 -117.36	286.62 5.85 -210.48	89.03 4.56 -24.58	97.21 6.10 -2.18	95.90 5.07 -14.31	110.66 4.75 -33.04	155.61 2.37 -117.75	142.70 4.81 -68.88	131.44 4.71 -61.61	130.27 7.60 -21.30	138.87 6.87 -40.61	69.15 3.21 -23.54	59.22 3.77 -6.03	52.69 3.53 0.00	59.92 3.71 -2.30	71.29 4.02 0.00
ROSETON___2 23588	99.48 6.23 -2.34	131.64 7.92 -8.34	129.85 7.48 -8.12	126.75 6.42 -19.07	164.50 8.93 -17.75	125.76 6.79 -18.24	202.74 8.99 -76.65	204.65 10.97 -52.37	309.13 14.23 -117.36	286.62 5.85 -210.48	89.03 4.56 -24.58	97.21 6.10 -2.18	95.90 5.07 -14.31	110.66 4.75 -33.04	155.61 2.37 -117.75	142.70 4.81 -68.88	131.44 4.71 -61.61	130.27 7.60 -21.30	138.87 6.87 -40.61	69.15 3.21 -23.54	59.22 3.77 -6.03	52.69 3.53 0.00	59.92 3.71 -2.30	71.29 4.02 0.00
ROTRDAM_115KV_TB3 80664	110.95 3.36 -16.67	179.21 4.27 -59.56	176.37 4.11 -58.03	241.11 3.60 -136.25	269.63 5.00 -126.82	234.86 3.84 -130.29	669.47 4.84 -547.54	512.97 5.80 -365.86	973.59 7.49 -788.56	1179.47 3.06 -1106.13	237.10 2.49 -174.72	95.58 3.80 -2.86	98.61 3.29 -18.81	119.26 3.12 -43.28	190.67 1.53 -153.65	161.54 3.03 -89.50	149.32 2.87 -81.33	134.02 4.54 -28.12	149.10 4.10 -53.60	75.37 1.89 -31.07	59.57 2.19 -7.96	51.24 2.08 0.00	59.16 2.21 -3.04	69.75 2.48 0.00
RUSSELL___1 23602	89.58 -1.33 0.00	113.58 -1.81 0.00	112.35 -1.89 0.00	99.30 -1.95 0.00	135.23 -2.59 0.00	99.59 -1.14 0.00	114.23 -2.42 0.44	137.80 -3.55 -0.04	173.70 -4.06 -0.23	70.83 -1.30 -1.85	58.85 -1.04 0.00	86.71 -2.50 -0.28	76.00 -2.36 -1.84	74.65 -2.45 -4.24	49.41 -1.11 -15.04	75.25 -2.44 -8.68	70.12 -2.08 -7.09	96.94 -3.65 0.78	77.76 -3.34 10.29	41.86 -1.45 -0.91	43.03 -1.67 4.73	45.28 -1.91 1.98	45.67 -2.30 5.94	62.75 -2.75 1.77
RUSSELL___2 23532	89.58 -1.33 0.00	113.58 -1.81 0.00	112.35 -1.89 0.00	99.30 -1.95 0.00	135.23 -2.59 0.00	99.59 -1.14 0.00	114.23 -2.42 0.44	137.80 -3.55 -0.04	173.70 -4.06 -0.23	70.83 -1.30 -1.85	58.85 -1.04 0.00	86.71 -2.50 -0.28	76.00 -2.36 -1.84	74.65 -2.45 -4.24	49.41 -1.11 -15.04	75.25 -2.44 -8.68	70.12 -2.08 -7.09	96.94 -3.65 0.78	77.76 -3.34 10.29	41.86 -1.45 -0.91	43.03 -1.67 4.73	45.28 -1.91 1.98	45.67 -2.30 5.94	62.75 -2.75 1.77
RUSSELL___3 23549	89.58 -1.33 0.00	113.58 -1.81 0.00	112.35 -1.89 0.00	99.30 -1.95 0.00	135.23 -2.59 0.00	99.59 -1.14 0.00	114.23 -2.42 0.44	137.80 -3.55 -0.04	173.70 -4.06 -0.23	70.83 -1.30 -1.85	58.85 -1.04 0.00	86.71 -2.50 -0.28	76.00 -2.36 -1.84	74.65 -2.45 -4.24	49.41 -1.11 -15.04	75.25 -2.44 -8.68	70.12 -2.08 -7.09	96.94 -3.65 0.78	77.76 -3.34 10.29	41.86 -1.45 -0.91	43.03 -1.67 4.73	45.28 -1.91 1.98	45.67 -2.30 5.94	62.75 -2.75 1.77
RUSSELL___4 23556	89.58 -1.33 0.00	113.58 -1.81 0.00	112.35 -1.89 0.00	99.30 -1.95 0.00	135.23 -2.59 0.00	99.59 -1.14 0.00	114.23 -2.42 0.44	137.80 -3.55 -0.04	173.70 -4.06 -0.23	70.83 -1.30 -1.85	58.85 -1.04 0.00	86.71 -2.50 -0.28	76.00 -2.36 -1.84	74.65 -2.45 -4.24	49.41 -1.11 -15.04	75.25 -2.44 -8.68	70.12 -2.08 -7.09	96.94 -3.65 0.78	77.76 -3.34 10.29	41.86 -1.45 -0.91	43.03 -1.67 4.73	45.28 -1.91 1.98	45.67 -2.30 5.94	62.75 -2.75 1.77
RUSSELL___STATION 23914	89.58 -1.33 0.00	113.58 -1.81 0.00	112.35 -1.89 0.00	99.30 -1.95 0.00	135.23 -2.59 0.00	99.59 -1.14 0.00	114.23 -2.42 0.44	137.80 -3.55 -0.04	173.70 -4.06 -0.23	70.83 -1.30 -1.85	58.85 -1.04 0.00	86.71 -2.50 -0.28	76.00 -2.36 -1.84	74.65 -2.45 -4.24	49.41 -1.11 -15.04	75.25 -2.44 -8.68	70.12 -2.08 -7.09	96.94 -3.65 0.78	77.76 -3.34 10.29	41.86 -1.45 -0.91	43.03 -1.67 4.73	45.28 -1.91 1.98	45.67 -2.30 5.94	62.75 -2.75 1.77
S SALMON___HYD 24043	89.07 -1.85 0.00	112.93 -2.46 0.00	111.74 -2.50 0.00	99.06 -2.20 0.00	134.86 -2.95 0.00	99.06 -1.67 0.00	115.20 -1.89 0.00	139.04 -2.27 0.00	175.02 -2.52 0.00	69.46 -0.82 0.00	59.11 -0.78 0.00	88.04 -1.04 -0.16	76.78 -0.76 -1.02	74.56 -0.64 -2.34	43.61 -0.19 -8.31	73.26 -0.54 -4.80	68.96 -0.47 -4.31	102.19 -0.67 -1.49	93.10 -1.23 -2.94	43.64 -0.42 -1.65	49.16 -0.69 -0.42	48.26 -0.91 0.00	52.69 -1.38 -0.16	65.31 -1.96 0.00
S.PERRY___115KV_TB1 80734	91.81 0.52 -0.36	116.92 0.23 -1.30	116.03 0.52 -1.27	104.59 0.35 -2.98	140.85 0.26 -2.78	105.02 1.43 -2.85	126.38 -1.56 -10.85	146.10 -3.24 -8.03	191.86 -3.14 -17.47	95.70 -1.22 -26.63	62.92 -0.78 -3.81	86.44 -2.88 -0.40	76.56 -2.57 -2.60	75.74 -3.12 -6.00	58.27 -1.33 -24.11	78.45 -2.86 -12.30	71.91 -2.42 -9.22	91.37 -4.88 5.11	72.27 -4.04 15.08	67.80 -1.30 -26.69	57.63 -0.27 -8.48	70.10 -1.16 -22.10	47.97 -1.58 4.36	77.89 -2.27 -12.88
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	86.38 -4.54 0.00	109.52 -5.87 0.00	108.47 -5.77 0.00	95.77 -5.49 0.00	130.15 -7.66 0.00	96.12 -4.61 0.00	108.60 -7.75 0.74	130.57 -10.78 -0.05	164.79 -13.05 -0.30	68.03 -4.69 -2.44	55.99 -3.90 0.00	82.10 -7.20 -0.36	72.34 -6.57 -2.39	71.72 -6.65 -5.50	51.03 -3.19 -18.74	73.71 -6.59 -11.29	68.13 -5.93 -8.94	88.88 -10.12 2.37	57.94 -9.05 24.41	30.80 -3.97 7.63	30.37 -4.55 14.50	33.22 -4.77 11.17	35.12 -5.40 13.39	52.91 -6.34 8.02

SAWYER___23_KV_LOAD 55526	86.38 -4.54 0.00	109.52 -5.87 0.00	108.47 -5.77 0.00	95.77 -5.49 0.00	130.15 -7.66 0.00	96.12 -4.61 0.00	108.60 -7.75 0.74	130.57 -10.78 -0.05	164.79 -13.05 -0.30	68.03 -4.69 -2.44	55.99 -3.90 0.00	82.10 -7.20 -0.36	72.34 -6.57 -2.39	71.72 -6.65 -5.50	51.03 -3.19 -18.74	73.71 -6.59 -11.29	68.13 -5.93 -8.94	88.88 -10.12 2.37	57.94 -9.05 24.41	30.80 -3.97 7.63	30.37 -4.55 14.50	33.22 -4.77 11.17	35.12 -5.40 13.39	52.91 -6.34 8.02
SELKIRK___I 23801	100.64 3.90 -5.82	141.25 5.06 -20.80	139.48 4.97 -20.27	153.05 4.21 -47.58	187.99 5.88 -44.29	150.51 4.27 -45.50	313.36 5.05 -191.23	275.10 5.93 -127.86	460.92 7.49 -275.89	463.51 3.04 -390.18	123.37 2.51 -60.97	95.63 4.02 -2.69	97.74 3.54 -17.67	117.05 3.43 -40.77	181.71 1.50 -144.72	156.13 2.91 -84.21	144.40 2.77 -76.51	131.96 4.14 -26.45	145.56 3.74 -50.43	73.40 1.77 -29.23	58.98 2.06 -7.48	51.19 2.02 0.00	59.07 2.31 -2.86	70.11 2.85 0.00
SELKIRK___II 23799	101.01 3.84 -6.26	142.67 4.95 -22.34	140.80 4.79 -21.77	156.40 4.04 -51.11	191.06 5.68 -47.58	153.69 4.08 -48.87	327.42 4.94 -205.39	284.43 5.84 -137.28	481.06 7.47 -296.05	490.33 3.08 -416.96	127.91 2.53 -65.48	95.65 4.01 -2.72	97.89 3.50 -17.87	117.26 3.25 -41.15	183.02 1.47 -146.07	156.84 2.75 -85.08	145.03 2.57 -77.35	132.02 3.92 -26.74	145.92 3.55 -50.98	73.64 1.69 -29.55	58.97 1.97 -7.57	51.09 1.93 0.00	59.00 2.20 -2.89	69.95 2.68 0.00
SENECA OSWGO___HYD 24041	88.41 -2.51 0.00	112.16 -3.23 0.00	110.96 -3.27 0.00	98.23 -3.03 0.00	133.79 -4.02 0.00	98.13 -2.61 0.00	114.27 -2.82 0.00	138.28 -3.02 0.00	174.14 -3.40 0.00	69.09 -1.20 0.00	58.75 -1.14 0.00	87.21 -1.89 -0.17	75.96 -1.68 -1.12	73.86 -1.58 -2.57	43.96 -0.67 -9.14	72.96 -1.33 -5.28	68.63 -1.23 -4.74	101.13 -1.88 -1.64	92.67 -1.87 -3.15	43.36 -0.86 -1.82	48.79 -1.10 -0.46	47.96 -1.21 0.00	52.62 -1.46 -0.18	65.30 -1.97 0.00
SENECA___115KV_TB3 355854	87.40 -3.87 -0.35	111.61 -5.01 -1.24	110.53 -4.92 -1.21	99.40 -4.69 -2.84	133.81 -6.64 -2.64	99.67 -3.78 -2.71	121.11 -6.57 -10.59	139.77 -9.18 -7.64	183.27 -10.90 -16.64	91.83 -3.83 -25.38	60.34 -3.17 -3.63	83.23 -6.08 -0.38	73.31 -5.70 -2.50	72.76 -5.86 -5.75	52.24 -2.82 -19.57	74.97 -5.83 -11.79	69.18 -5.23 -9.29	89.71 -8.97 2.68	56.96 -8.00 26.43	30.73 -3.55 8.12	29.81 -4.13 15.49	33.00 -4.36 11.81	34.54 -5.00 14.36	52.86 -5.91 8.50
SENECA___ENERGY 23797	90.06 -0.85 0.00	113.92 -1.46 0.00	112.97 -1.27 0.00	100.38 -0.88 0.00	136.28 -1.53 0.00	100.30 -0.43 0.00	116.66 -0.43 0.00	141.36 0.00 -0.04	178.76 0.98 -0.25	72.64 0.36 -1.99	60.26 0.37 0.00	89.22 -0.01 -0.30	78.24 -0.24 -1.96	76.95 -0.43 -4.52	51.62 -0.10 -16.24	77.94 -0.32 -9.26	73.17 -0.27 -8.33	103.56 -0.69 -2.88	97.44 -0.71 -6.76	47.34 -0.27 -5.21	51.44 -0.37 -2.39	50.59 -0.55 -1.98	54.14 -0.89 -1.13	67.05 -1.49 -1.27
SHOEMAKER___GT 23640	98.54 5.51 -2.11	129.91 6.98 -7.54	128.21 6.62 -7.35	124.16 5.65 -17.25	161.74 7.86 -16.06	123.27 6.04 -16.50	194.48 8.04 -69.35	198.42 9.77 -47.34	296.08 12.62 -105.93	263.92 5.22 -188.42	85.97 3.85 -22.23	96.09 5.16 -2.00	94.00 4.32 -13.15	107.25 3.98 -30.41	145.74 2.01 -108.24	136.15 4.20 -62.94	125.60 4.15 -56.34	127.53 6.69 -19.48	134.60 6.07 -37.13	66.76 2.83 -21.52	58.25 3.32 -5.51	52.26 3.10 0.00	59.23 3.22 -2.10	70.74 3.47 0.00
SHOEMAKR_138KV_BK 111 55601	98.42 5.41 -2.10	129.73 6.86 -7.48	128.03 6.51 -7.29	123.88 5.52 -17.11	161.45 7.72 -15.93	123.01 5.91 -16.36	193.75 7.90 -68.76	197.87 9.62 -46.94	295.00 12.45 -105.01	262.13 5.14 -186.70	85.79 3.86 -22.04	96.08 5.17 -1.99	93.89 4.30 -13.07	107.05 3.98 -30.20	145.02 2.02 -107.52	135.72 4.19 -62.52	125.19 4.11 -55.96	127.38 6.67 -19.35	134.31 6.03 -36.89	66.59 2.81 -21.38	58.20 3.30 -5.47	52.24 3.08 0.00	59.20 3.20 -2.09	70.73 3.46 0.00
SHOREHAM_IC_1 23715	103.43 10.15 -2.37	139.71 14.30 -10.03	135.90 13.41 -8.25	132.27 11.64 -19.37	171.72 15.89 -18.02	159.65 13.29 -45.63	218.28 14.54 -86.65	237.54 18.04 -78.18	317.33 20.64 -119.15	290.58 6.34 -213.95	96.34 6.97 -29.48	100.83 9.69 -2.21	98.41 7.40 -14.49	114.37 8.05 -33.46	161.96 4.21 -122.27	149.27 9.05 -71.22	157.34 8.94 -83.29	182.87 13.88 -67.63	281.46 13.54 -176.52	148.88 6.28 -100.19	143.98 7.34 -87.21	127.26 6.75 -71.35	126.23 7.37 -64.95	75.17 7.89 -0.01
SHOREHAM_IC_2 23716	103.43 10.15 -2.37	139.71 14.30 -10.03	135.90 13.41 -8.25	132.27 11.64 -19.37	171.72 15.89 -18.02	159.65 13.29 -45.63	218.28 14.54 -86.65	237.54 18.04 -78.18	317.33 20.64 -119.15	290.58 6.34 -213.95	96.34 6.97 -29.48	100.83 9.69 -2.21	98.41 7.40 -14.49	114.37 8.05 -33.46	161.96 4.21 -122.27	149.27 9.05 -71.22	157.34 8.94 -83.29	182.87 13.88 -67.63	281.46 13.54 -176.52	148.88 6.28 -100.19	143.98 7.34 -87.21	127.26 6.75 -71.35	126.23 7.37 -64.95	75.17 7.89 -0.01
SISSONVILLE___ 23735	90.09 -0.83 0.00	114.39 -1.00 0.00	113.29 -0.95 0.00	100.72 -0.53 0.00	136.18 -1.63 0.00	98.32 -2.41 0.00	112.52 -4.57 0.00	135.46 -5.85 0.00	169.38 -8.15 0.00	67.14 -3.15 0.00	57.76 -2.13 0.00	84.87 -4.06 0.00	73.48 -3.04 0.00	70.04 -2.82 0.00	33.91 -1.57 0.00	65.96 -3.05 0.00	61.99 -3.13 0.00	96.83 -4.53 0.00	87.17 -4.22 0.00	40.29 -2.11 0.00	47.06 -2.36 0.00	47.67 -1.50 0.00	52.73 -1.18 0.00	66.68 -0.58 0.00
SITHE_IND_GS1 24169	87.56 -3.36 0.00	111.12 -4.27 0.00	109.94 -4.29 0.00	97.39 -3.86 0.00	132.57 -5.24 0.00	97.13 -3.60 0.00	113.00 -4.10 0.00	136.22 -5.08 0.00	171.39 -6.15 0.00	68.00 -2.29 0.00	57.85 -2.04 0.00	85.89 -3.17 -0.13	74.61 -2.76 -0.84	72.15 -2.65 -1.93	41.13 -1.22 -6.87	70.47 -2.50 -3.97	66.36 -2.32 -3.57	98.88 -3.72 -1.23	90.37 -3.39 -2.36	42.27 -1.50 -1.36	47.97 -1.81 -0.35	47.29 -1.87 0.00	51.92 -2.13 -0.13	64.55 -2.73 0.00
SITHE_IND_GS2 24170	87.56 -3.36 0.00	111.12 -4.27 0.00	109.94 -4.29 0.00	97.39 -3.86 0.00	132.57 -5.24 0.00	97.13 -3.60 0.00	113.00 -4.10 0.00	136.22 -5.08 0.00	171.39 -6.15 0.00	68.00 -2.29 0.00	57.85 -2.04 0.00	85.89 -3.17 -0.13	74.61 -2.76 -0.84	72.15 -2.65 -1.93	41.13 -1.22 -6.87	70.47 -2.50 -3.97	66.36 -2.32 -3.57	98.88 -3.72 -1.23	90.37 -3.39 -2.36	42.27 -1.50 -1.36	47.97 -1.81 -0.35	47.29 -1.87 0.00	51.92 -2.13 -0.13	64.55 -2.73 0.00
SITHE_IND_GS3 24171	87.56 -3.36 0.00	111.12 -4.27 0.00	109.94 -4.29 0.00	97.39 -3.86 0.00	132.57 -5.24 0.00	97.13 -3.60 0.00	113.00 -4.10 0.00	136.22 -5.08 0.00	171.39 -6.15 0.00	68.00 -2.29 0.00	57.85 -2.04 0.00	85.89 -3.17 -0.13	74.61 -2.76 -0.84	72.15 -2.65 -1.93	41.13 -1.22 -6.87	70.47 -2.50 -3.97	66.36 -2.32 -3.57	98.88 -3.72 -1.23	90.37 -3.39 -2.36	42.27 -1.50 -1.36	47.97 -1.81 -0.35	47.29 -1.87 0.00	51.92 -2.13 -0.13	64.55 -2.73 0.00
SITHE_IND_GS4 24172	87.56 -3.36 0.00	111.12 -4.27 0.00	109.94 -4.29 0.00	97.39 -3.86 0.00	132.57 -5.24 0.00	97.13 -3.60 0.00	113.00 -4.10 0.00	136.22 -5.08 0.00	171.39 -6.15 0.00	68.00 -2.29 0.00	57.85 -2.04 0.00	85.89 -3.17 -0.13	74.61 -2.76 -0.84	72.15 -2.65 -1.93	41.13 -1.22 -6.87	70.47 -2.50 -3.97	66.36 -2.32 -3.57	98.88 -3.72 -1.23	90.37 -3.39 -2.36	42.27 -1.50 -1.36	47.97 -1.81 -0.35	47.29 -1.87 0.00	51.92 -2.13 -0.13	64.55 -2.73 0.00

SITHE____BATAVIA 24024	89.05 -1.86 0.00	112.93 -2.45 0.00	111.79 -2.45 0.00	98.70 -2.56 0.00	134.32 -3.49 0.00	99.22 -1.52 0.00	113.03 -3.47 0.59	136.18 -5.17 -0.04	171.75 -6.05 -0.27	70.50 -1.92 -2.14	58.36 -1.53 0.00	85.36 -3.89 -0.32	74.62 -4.01 -2.11	73.81 -3.92 -4.86	50.43 -1.90 -16.85	75.05 -3.93 -9.98	69.76 -3.37 -8.01	94.25 -5.57 1.55	69.44 -4.63 17.32	37.00 -1.90 3.51	37.56 -2.18 9.70	40.04 -2.40 6.72	41.26 -2.97 9.67	58.83 -3.45 4.99
SITHE____INDEPEND 23800	87.56 -3.36 0.00	111.12 -4.27 0.00	109.94 -4.29 0.00	97.39 -3.86 0.00	132.57 -5.24 0.00	97.13 -3.61 0.00	113.00 -4.09 0.00	136.21 -5.10 0.00	171.38 -6.16 0.00	68.00 -2.29 0.00	57.85 -2.04 0.00	85.89 -3.17 -0.13	74.61 -2.76 -0.84	72.15 -2.65 -1.93	41.13 -1.23 -6.87	70.47 -2.50 -3.97	66.37 -2.32 -3.57	98.88 -3.72 -1.23	90.37 -3.39 -2.36	42.26 -1.50 -1.36	47.97 -1.81 -0.35	47.30 -1.86 0.00	51.92 -2.12 -0.13	64.55 -2.72 0.00
SITHE____MASSENA 23902	90.16 -0.76 0.00	114.47 -0.91 0.00	113.46 -0.78 0.00	100.86 -0.40 0.00	136.86 -0.95 0.00	99.38 -1.35 0.00	114.62 -2.47 0.00	137.99 -3.32 0.00	172.55 -4.99 0.00	68.34 -1.95 0.00	58.53 -1.36 0.00	86.20 -2.73 0.00	74.63 -1.89 0.00	71.10 -1.76 0.00	34.43 -1.05 0.00	67.32 -1.68 0.00	63.30 -1.81 0.00	98.67 -2.69 0.00	88.81 -2.59 0.00	41.16 -1.24 0.00	48.10 -1.33 0.00	48.30 -0.86 0.00	53.21 -0.70 0.00	67.08 -0.19 0.00
SITHE____OGDNSBRG 24021	91.41 0.49 0.00	116.04 0.66 0.00	114.97 0.74 0.00	102.28 1.02 0.00	138.60 0.79 0.00	100.36 -0.38 0.00	115.43 -1.67 0.00	139.10 -2.20 0.00	173.84 -3.70 0.00	68.72 -1.57 0.00	58.70 -1.19 0.00	86.13 -2.80 0.00	74.54 -1.98 0.00	71.11 -1.75 0.00	34.50 -0.99 0.00	67.48 -1.52 0.00	63.55 -1.56 0.00	99.42 -1.95 0.00	89.48 -1.91 0.00	41.42 -0.98 0.00	48.39 -1.04 0.00	48.78 -0.38 0.00	53.86 -0.04 0.00	68.06 0.79 0.00
SITHE____STERLING 23777	93.96 3.04 0.00	119.30 3.91 0.00	118.03 3.79 0.00	104.57 3.31 0.00	142.42 4.61 0.00	104.65 3.92 0.00	122.02 4.94 0.00	147.36 6.05 0.00	185.70 8.17 0.00	73.59 3.31 0.00	62.59 2.70 0.00	92.70 3.64 0.00	80.48 3.08 0.00	77.95 3.05 -2.03	44.25 1.56 -7.21	76.08 2.92 -4.16	71.63 2.77 -3.74	106.76 4.10 -1.29	97.44 3.59 -2.45	45.40 1.56 -1.43	51.40 1.61 -0.37	50.58 1.42 0.00	55.36 1.31 -0.14	68.64 1.37 0.00
SLEIGHT__34_KV_TB1 80719	89.48 -1.44 0.00	113.41 -1.97 0.00	112.20 -2.04 0.00	99.32 -1.94 0.00	135.22 -2.59 0.00	99.53 -1.21 0.00	115.03 -1.84 0.23	139.05 -2.30 -0.04	175.38 -2.38 -0.23	71.38 -0.72 -1.81	59.26 -0.63 0.00	87.60 -1.60 -0.27	76.79 -1.54 -1.80	75.41 -1.59 -4.14	49.49 -0.71 -14.72	75.95 -1.55 -8.50	71.02 -1.37 -7.27	99.78 -2.42 -0.84	86.14 -2.29 2.96	43.24 -1.01 -1.85	46.15 -1.18 2.10	46.76 -1.38 1.03	49.23 -1.74 2.94	64.10 -2.25 0.92
SOUTH CAIRO__GT 23612	105.48 8.70 -5.87	147.31 10.97 -20.96	145.52 10.86 -20.42	158.55 9.34 -47.95	195.54 13.09 -44.63	156.11 9.52 -45.85	321.14 11.35 -192.70	284.27 13.92 -129.05	474.49 17.68 -279.27	479.08 5.57 -403.22	126.90 5.56 -61.46	99.24 7.72 -2.59	100.46 6.89 -17.04	118.84 6.42 -39.56	178.66 2.76 -140.41	156.29 5.88 -81.40	144.56 5.67 -73.77	135.89 9.02 -25.50	148.07 8.06 -48.62	74.24 3.65 -28.18	60.86 4.21 -7.22	53.27 4.10 0.00	61.16 4.50 -2.76	73.01 5.74 0.00
SOUTH HAMPTN__IC 23720	104.13 10.85 -2.37	140.52 15.10 -10.03	136.63 14.14 -8.25	133.03 12.40 -19.37	172.92 17.09 -18.02	160.62 14.22 -45.66	218.86 15.10 -86.66	238.09 18.56 -78.22	318.30 21.62 -119.15	291.12 6.88 -213.95	96.85 7.48 -29.48	101.58 10.44 -2.21	99.12 8.10 -14.49	114.91 8.59 -33.46	162.25 4.50 -122.27	149.93 9.71 -71.21	157.88 9.51 -83.25	183.57 14.52 -67.68	282.52 14.44 -176.69	149.39 6.78 -100.21	144.62 7.95 -87.24	127.94 7.38 -71.39	126.92 8.00 -65.01	75.89 8.61 -0.01
SOUTHDOW_115KV_TB1 355954	89.27 -2.02 -0.37	113.88 -2.85 -1.34	112.49 -3.05 -1.31	101.20 -3.13 -3.07	136.17 -4.50 -2.86	101.77 -1.90 -2.93	124.50 -3.98 -11.40	144.25 -5.33 -8.27	189.92 -5.61 -17.99	96.07 -1.66 -27.44	62.40 -1.41 -3.92	85.97 -3.37 -0.41	74.88 -4.33 -2.69	74.54 -4.52 -6.20	55.00 -2.02 -21.53	77.02 -4.71 -12.72	70.56 -4.47 -9.91	90.09 -7.85 3.42	55.64 -7.53 28.22	34.09 -3.49 4.83	31.05 -4.12 14.26	35.94 -4.34 8.88	34.18 -5.00 14.72	54.45 -6.04 6.77
SOUTHOLD_69_KV_BK 2 55809	105.04 11.75 -2.37	141.59 16.18 -10.03	137.49 15.00 -8.25	133.93 13.30 -19.37	174.63 18.80 -18.02	161.75 15.35 -45.66	217.59 13.84 -86.66	236.26 16.73 -78.22	316.34 19.66 -119.15	290.46 6.22 -213.95	97.41 8.04 -29.48	102.62 11.48 -2.21	100.00 8.99 -14.49	115.64 9.32 -33.46	162.58 4.82 -122.27	150.90 10.68 -71.21	158.76 10.39 -83.26	183.12 14.09 -67.68	283.80 15.72 -176.68	150.21 7.60 -100.21	145.64 8.98 -87.23	128.95 8.40 -71.39	127.93 9.01 -65.01	77.04 9.76 -0.01
SOUTHOLD__IC 23719	105.04 11.75 -2.37	141.58 16.17 -10.03	137.50 15.01 -8.25	133.92 13.29 -19.37	174.63 18.80 -18.02	161.76 15.37 -45.66	217.60 13.85 -86.66	236.26 16.73 -78.22	316.33 19.64 -119.15	290.46 6.21 -213.95	97.41 8.04 -29.48	102.62 11.49 -2.21	100.02 9.00 -14.49	115.65 9.33 -33.46	162.59 4.83 -122.27	150.90 10.68 -71.21	158.77 10.39 -83.26	183.14 14.09 -67.68	283.80 15.72 -176.68	150.21 7.60 -100.21	145.64 8.98 -87.23	128.95 8.40 -71.39	127.95 9.03 -65.01	77.04 9.77 -0.01
SOUTH_FORK_WT_PWR 323839	104.68 11.39 -2.37	141.12 15.71 -10.03	136.89 14.40 -8.25	133.70 13.07 -19.37	174.38 18.54 -18.02	161.69 15.29 -45.66	218.29 14.54 -86.66	236.82 17.29 -78.22	317.25 20.57 -119.15	290.83 6.59 -213.95	97.18 7.81 -29.48	102.49 11.35 -2.21	99.88 8.87 -14.49	115.48 9.16 -33.46	162.56 4.80 -122.27	150.86 10.64 -71.21	158.63 10.26 -83.26	183.91 14.87 -67.68	283.94 15.86 -176.69	150.26 7.66 -100.21	145.78 9.11 -87.23	129.09 8.54 -71.39	128.07 9.15 -65.01	77.13 9.86 -0.01
SPIERFLS_115KV_TB 1 80737	111.00 4.59 -15.49	176.44 5.74 -55.32	173.80 5.66 -53.91	233.07 5.26 -126.56	262.60 6.99 -117.81	227.13 5.38 -121.02	632.77 7.06 -508.62	489.99 8.76 -339.91	922.10 11.71 -732.86	1105.20 4.60 -1030.32	225.88 3.73 -162.26	96.56 4.80 -2.83	99.20 4.07 -18.61	119.58 3.89 -42.82	189.43 1.91 -152.04	161.68 4.12 -88.55	149.48 3.91 -80.45	135.40 6.22 -27.81	150.00 5.58 -53.02	75.72 2.58 -30.74	60.18 2.88 -7.87	51.83 2.67 0.00	59.70 2.79 -3.00	70.28 3.01 0.00
ST LAWRENCE____ 23600	89.56 -1.35 0.00	113.70 -1.69 0.00	112.82 -1.42 0.00	100.22 -1.04 0.00	136.11 -1.70 0.00	98.93 -1.80 0.00	114.20 -2.90 0.00	137.85 -3.46 0.00	172.50 -5.03 0.00	68.12 -2.17 0.00	58.32 -1.57 0.00	86.16 -2.77 0.00	74.40 -2.12 0.00	70.89 -1.97 0.00	34.40 -1.09 0.00	67.05 -1.96 0.00	63.17 -1.95 0.00	98.38 -2.99 0.00	88.58 -2.82 0.00	41.08 -1.32 0.00	47.99 -1.44 0.00	48.00 -1.17 0.00	52.80 -1.11 0.00	66.51 -0.76 0.00
STATE_CA_115KV_115_LB 55624	106.34 4.94 -10.48	159.20 6.39 -37.42	156.90 6.20 -36.46	192.07 5.20 -85.61	224.80 7.29 -79.69	187.87 5.27 -81.87	467.42 6.26 -344.07	378.83 7.49 -230.03	683.38 9.54 -496.31	775.62 4.02 -701.31	172.87 3.26 -109.72	96.46 4.77 -2.76	98.87 4.19 -18.15	118.48 3.83 -41.79	185.54 1.70 -148.35	158.56 3.15 -86.41	146.53 2.90 -78.51	132.99 4.49 -27.14	147.13 3.99 -51.74	74.32 1.93 -29.99	59.33 2.22 -7.68	51.35 2.18 0.00	59.36 2.52 -2.93	70.45 3.18 0.00

STATE_ST_34_KV_LOAD 55959	91.33 0.41 0.00	115.74 0.35 0.00	114.51 0.28 0.00	101.44 0.18 0.00	138.09 0.28 0.00	101.56 0.83 0.00	118.46 1.07 -0.30	143.30 1.95 -0.04	181.30 3.52 -0.25	73.74 1.49 -1.96	61.15 1.27 0.00	90.72 1.49 -0.30	79.55 1.09 -1.94	78.30 0.97 -4.46	52.02 0.56 -15.97	79.15 0.99 -9.16	74.86 1.02 -8.72	108.18 1.58 -5.24	109.50 1.31 -16.80	48.78 0.64 -5.75	55.75 0.83 -5.50	52.30 0.63 -2.51	59.36 0.39 -5.07	69.25 0.02 -1.96
STATION 5_MISC_HYD 23604	89.07 -1.85 0.00	112.93 -2.45 0.00	111.76 -2.48 0.00	98.80 -2.45 0.00	134.55 -3.26 0.00	99.05 -1.68 0.00	113.60 -3.06 0.44	137.01 -4.34 -0.04	172.69 -5.08 -0.23	70.45 -1.69 -1.85	58.52 -1.37 0.00	86.17 -3.04 -0.28	75.55 -2.81 -1.84	74.18 -2.91 -4.24	49.20 -1.32 -15.04	74.83 -2.86 -8.68	69.75 -2.46 -7.09	96.24 -4.35 0.78	77.13 -3.97 10.29	41.58 -1.73 -0.91	42.68 -2.01 4.73	44.98 -2.20 1.98	45.38 -2.59 5.94	62.38 -3.12 1.77
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	90.36 -0.56 0.00	114.41 -0.97 0.00	113.24 -0.99 0.00	100.27 -0.98 0.00	136.43 -1.38 0.00	100.54 -0.19 0.00	115.97 -0.69 0.43	140.36 -0.99 -0.04	177.13 -0.64 -0.23	72.07 -0.08 -1.86	59.86 -0.03 0.00	88.43 -0.78 -0.28	77.48 -0.89 -1.85	76.12 -0.99 -4.25	50.16 -0.42 -15.10	76.71 -1.01 -8.72	71.41 -0.83 -7.13	99.05 -1.59 0.72	79.80 -1.52 10.07	42.72 -0.63 -0.95	43.99 -0.78 4.66	46.21 -1.00 1.95	46.70 -1.35 5.85	63.73 -1.79 1.75
STA_56_34_KV_BUS2_REV_LBMP_B 345033	88.67 -2.24 0.00	112.42 -2.96 0.00	111.25 -2.99 0.00	98.38 -2.87 0.00	133.94 -3.87 0.00	98.62 -2.12 0.00	113.19 -3.48 0.43	136.55 -4.80 -0.04	172.09 -5.67 -0.23	70.15 -1.98 -1.84	58.28 -1.61 0.00	85.96 -3.25 -0.28	75.36 -2.98 -1.82	74.02 -3.04 -4.20	49.00 -1.40 -14.91	74.63 -2.99 -8.61	69.54 -2.62 -7.04	96.11 -4.54 0.72	77.26 -4.15 9.98	41.51 -1.83 -0.93	42.69 -2.12 4.62	44.89 -2.34 1.93	45.38 -2.73 5.80	62.22 -3.32 1.73
STA_56___34_KV_BUS2 355983	88.67 -2.24 0.00	112.42 -2.96 0.00	111.25 -2.99 0.00	98.38 -2.87 0.00	133.94 -3.87 0.00	98.62 -2.12 0.00	113.19 -3.48 0.43	136.55 -4.80 -0.04	172.09 -5.67 -0.23	70.15 -1.98 -1.84	58.28 -1.61 0.00	85.96 -3.25 -0.28	75.36 -2.98 -1.82	74.02 -3.04 -4.20	49.00 -1.40 -14.91	74.63 -2.99 -8.61	69.54 -2.62 -7.04	96.11 -4.54 0.72	77.26 -4.15 9.98	41.51 -1.83 -0.93	42.69 -2.12 4.62	44.89 -2.34 1.93	45.38 -2.73 5.80	62.22 -3.32 1.73
STA_67___115KV_BK2 355882	88.86 -2.06 0.00	112.66 -2.72 0.00	111.50 -2.74 0.00	98.58 -2.68 0.00	134.16 -3.65 0.00	98.80 -1.93 0.00	113.25 -3.40 0.44	136.56 -4.79 -0.04	172.08 -5.68 -0.23	70.19 -1.95 -1.85	58.30 -1.59 0.00	85.90 -3.31 -0.28	75.33 -3.03 -1.84	74.00 -3.09 -4.23	49.08 -1.43 -15.02	74.63 -3.05 -8.67	69.53 -2.66 -7.08	95.96 -4.63 0.77	76.90 -4.23 10.26	41.46 -1.85 -0.91	42.58 -2.13 4.72	44.84 -2.35 1.97	45.24 -2.74 5.92	62.22 -3.28 1.77
STA_7___115KV_9TRANS 80674	89.58 -1.33 0.00	113.58 -1.81 0.00	112.35 -1.89 0.00	99.30 -1.95 0.00	135.23 -2.59 0.00	99.59 -1.14 0.00	114.23 -2.42 0.44	137.80 -3.55 -0.04	173.70 -4.06 -0.23	70.83 -1.30 -1.85	58.85 -1.04 0.00	86.71 -2.50 -0.28	76.00 -2.36 -1.84	74.65 -2.45 -4.24	49.41 -1.11 -15.04	75.25 -2.44 -8.68	70.12 -2.08 -7.09	96.94 -3.65 0.78	77.76 -3.34 10.29	41.86 -1.45 -0.91	43.03 -1.67 4.73	45.28 -1.91 1.98	45.67 -2.30 5.94	62.75 -2.75 1.77
STA_82___115KV_TB1 80780	88.90 -2.02 0.00	112.71 -2.67 0.00	111.53 -2.71 0.00	98.61 -2.65 0.00	134.27 -3.54 0.00	98.86 -1.87 0.00	113.30 -3.35 0.44	136.62 -4.72 -0.04	172.15 -5.61 -0.23	70.24 -1.91 -1.86	58.33 -1.56 0.00	85.96 -3.25 -0.28	75.36 -3.01 -1.85	74.06 -3.06 -4.26	49.18 -1.41 -15.11	74.71 -3.02 -8.72	69.60 -2.63 -7.12	96.01 -4.56 0.80	76.78 -4.20 10.41	41.48 -1.82 -0.90	42.56 -2.09 4.78	44.86 -2.31 2.00	45.20 -2.72 5.99	62.22 -3.26 1.79
STEEL___WIND 323596	87.22 -4.05 -0.35	111.34 -5.28 -1.24	110.30 -5.15 -1.21	99.25 -4.84 -2.84	133.59 -6.86 -2.64	99.50 -3.94 -2.71	121.00 -6.68 -10.59	139.65 -9.31 -7.64	183.15 -11.02 -16.64	91.81 -3.86 -25.38	60.33 -3.18 -3.63	83.09 -6.22 -0.38	73.20 -5.82 -2.50	72.59 -6.03 -5.75	52.19 -2.87 -19.57	74.85 -5.95 -11.79	69.10 -5.31 -9.29	89.51 -9.17 2.68	56.84 -8.12 26.43	30.65 -3.63 8.12	29.68 -4.25 15.49	32.91 -4.44 11.81	34.45 -5.09 14.36	52.76 -6.01 8.50
STEPHTWN_115KV_BK_2 55603	105.21 5.96 -8.33	152.88 7.73 -29.76	150.73 7.49 -29.00	175.71 6.36 -68.10	209.95 8.75 -63.39	172.34 6.49 -65.12	398.43 7.67 -273.67	333.55 9.25 -183.00	584.28 11.76 -394.98	634.73 4.82 -559.63	151.12 3.99 -87.24	97.43 5.77 -2.73	99.41 4.93 -17.95	118.61 4.41 -41.33	184.23 2.01 -146.74	158.20 3.73 -85.46	146.35 3.59 -77.65	133.89 5.68 -26.85	147.66 5.09 -51.18	74.51 2.44 -29.67	59.84 2.81 -7.60	51.94 2.78 0.00	59.90 3.09 -2.90	71.09 3.82 0.00
STEUBEN_REC_LFGE 323667	87.73 -3.65 -0.47	111.98 -5.09 -1.68	112.01 -3.86 -1.64	101.92 -3.18 -3.84	136.33 -5.06 -3.57	102.14 -2.27 -3.67	126.66 -3.26 -12.83	148.10 -3.56 -10.35	197.24 -2.84 -22.54	103.56 -1.06 -34.33	64.09 -0.71 -4.91	87.29 -2.13 -0.50	76.99 -2.82 -3.29	76.86 -3.57 -7.57	62.57 -1.64 -28.72	81.46 -3.08 -15.54	71.80 -3.04 -9.73	79.49 -6.17 15.71	15.30 -5.31 70.78	50.65 -2.87 -11.11	28.57 -3.71 17.14	51.03 -4.08 -5.95	20.32 -4.61 28.98	61.77 -6.34 -0.83
STILLWATER___SOLAR 323814	111.42 5.61 -14.90	175.74 7.15 -53.20	173.10 7.02 -51.84	229.25 6.29 -121.70	259.65 8.55 -113.29	223.64 6.52 -116.38	614.28 8.09 -489.10	477.94 9.73 -326.90	895.09 12.63 -704.93	1067.68 5.09 -992.30	220.02 4.11 -156.01	97.44 5.70 -2.82	99.92 4.89 -18.51	120.13 4.67 -42.59	188.99 2.28 -151.23	161.65 4.57 -88.08	149.49 4.36 -80.01	135.93 6.90 -27.66	150.34 6.22 -52.73	75.84 2.87 -30.57	60.54 3.28 -7.83	52.29 3.13 0.00	60.27 3.37 -2.99	71.09 3.82 0.00
STONY___BROOK 24151	103.21 9.92 -2.37	138.81 13.40 -10.02	135.07 12.58 -8.25	131.46 10.83 -19.37	170.47 14.64 -18.02	158.56 12.28 -45.55	217.32 13.61 -86.62	236.35 16.94 -78.10	316.83 20.14 -119.15	291.32 7.08 -213.95	96.48 7.11 -29.48	100.55 9.41 -2.21	98.63 7.61 -14.49	114.18 7.86 -33.46	161.88 4.13 -122.27	148.79 8.55 -71.23	156.72 8.26 -83.34	181.66 12.76 -67.53	279.80 12.25 -176.16	148.29 5.74 -100.15	143.29 6.72 -87.14	126.74 6.33 -71.25	125.51 6.76 -64.84	74.50 7.23 -0.01
STURGEON_POOL_HYD 23609	103.27 9.21 -3.14	138.25 11.64 -11.22	136.33 11.15 -10.93	136.59 9.67 -25.67	175.20 13.50 -23.89	135.62 10.34 -24.55	233.73 13.49 -103.15	227.88 16.74 -69.83	353.05 21.50 -154.02	330.96 8.75 -251.92	99.50 6.63 -32.98	100.00 8.84 -2.23	98.62 7.44 -14.66	112.73 4.89 -34.97	162.02 2.51 -124.02	145.22 5.42 -70.79	133.98 5.37 -63.49	132.00 8.68 -21.95	141.10 7.86 -41.84	70.30 3.65 -24.26	59.94 4.30 -6.21	53.21 4.04 0.00	60.47 4.19 -2.37	71.79 4.52 0.00
ST_LAW_115_BK7_LBMP 345037	89.46 -1.45 0.00	113.57 -1.81 0.00	112.68 -1.56 0.00	100.12 -1.14 0.00	135.93 -1.88 0.00	98.77 -1.96 0.00	113.94 -3.16 0.00	137.50 -3.80 0.00	172.00 -5.53 0.00	67.95 -2.34 0.00	58.17 -1.72 0.00	85.92 -3.00 0.00	74.22 -2.30 0.00	70.71 -2.15 0.00	34.31 -1.18 0.00	66.89 -2.12 0.00	62.98 -2.14 0.00	98.11 -3.25 0.00	88.35 -3.05 0.00	40.96 -1.44 0.00	47.87 -1.55 0.00	47.92 -1.24 0.00	52.76 -1.15 0.00	66.48 -0.79 0.00

ST_LAW_115_BK8_LBMP 345038	89.46 -1.45 0.00	113.57 -1.81 0.00	112.68 -1.56 0.00	100.12 -1.14 0.00	135.93 -1.88 0.00	98.77 -1.96 0.00	113.94 -3.16 0.00	137.50 -3.80 0.00	172.00 -5.53 0.00	67.95 -2.34 0.00	58.17 -1.72 0.00	85.92 -3.00 0.00	74.22 -2.30 0.00	70.71 -2.15 0.00	34.31 -1.18 0.00	66.89 -2.12 0.00	62.98 -2.14 0.00	98.11 -3.25 0.00	88.35 -3.05 0.00	40.96 -1.44 0.00	47.87 -1.55 0.00	47.92 -1.24 0.00	52.76 -1.15 0.00	66.48 -0.79 0.00
ST_LAW_230_BK5_LBMP 345035	89.56 -1.35 0.00	113.70 -1.69 0.00	112.82 -1.42 0.00	100.22 -1.04 0.00	136.11 -1.70 0.00	98.93 -1.80 0.00	114.20 -2.90 0.00	137.85 -3.46 0.00	172.50 -5.03 0.00	68.12 -2.17 0.00	58.32 -1.57 0.00	86.16 -2.77 0.00	74.40 -2.12 0.00	70.89 -1.97 0.00	34.40 -1.09 0.00	67.05 -1.96 0.00	63.17 -1.95 0.00	98.38 -2.99 0.00	88.58 -2.82 0.00	41.08 -1.32 0.00	47.99 -1.44 0.00	48.00 -1.17 0.00	52.80 -1.11 0.00	66.51 -0.76 0.00
ST_LAW_230_BK6_LBMP 345036	89.56 -1.35 0.00	113.70 -1.69 0.00	112.82 -1.42 0.00	100.22 -1.04 0.00	136.11 -1.70 0.00	98.93 -1.80 0.00	114.20 -2.90 0.00	137.85 -3.46 0.00	172.50 -5.03 0.00	68.12 -2.17 0.00	58.32 -1.57 0.00	86.16 -2.77 0.00	74.40 -2.12 0.00	70.89 -1.97 0.00	34.40 -1.09 0.00	67.05 -1.96 0.00	63.17 -1.95 0.00	98.38 -2.99 0.00	88.58 -2.82 0.00	41.08 -1.32 0.00	47.99 -1.44 0.00	48.00 -1.17 0.00	52.80 -1.11 0.00	66.51 -0.76 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	98.91 5.82 -2.17	130.53 7.39 -7.75	128.79 6.99 -7.56	124.93 5.93 -17.75	162.63 8.30 -16.52	124.03 6.33 -16.97	196.88 8.47 -71.31	200.40 10.41 -48.69	299.92 13.40 -108.99	270.03 5.55 -194.19	87.03 4.28 -22.86	96.72 5.75 -2.05	94.69 4.72 -13.45	108.40 4.44 -31.09	148.40 2.25 -110.66	137.95 4.62 -64.33	127.23 4.54 -57.58	128.65 7.38 -19.91	136.02 6.68 -37.95	67.51 3.11 -22.00	58.72 3.66 -5.63	52.58 3.42 0.00	59.59 3.53 -2.15	71.11 3.84 0.00
SWANROAD_115KV_TB1 355699	84.52 -6.39 0.00	107.36 -8.03 0.00	106.34 -7.90 0.00	93.81 -7.45 0.00	127.46 -10.35 0.00	94.11 -6.63 0.00	106.02 -10.38 0.69	127.18 -14.18 -0.05	160.33 -17.49 -0.29	66.23 -6.40 -2.34	54.60 -5.28 0.00	79.76 -9.52 -0.35	70.30 -8.53 -2.30	69.63 -8.54 -5.30	49.55 -4.12 -18.19	71.53 -8.36 -10.88	66.34 -7.43 -8.65	87.04 -12.24 2.07	59.34 -10.31 21.74	32.12 -4.42 5.86	31.85 -5.00 12.58	34.63 -5.23 9.31	35.93 -6.00 11.97	53.49 -7.02 6.77
SYNERGY___BIOGAS 323694	89.05 -1.86 0.00	112.93 -2.45 0.00	111.79 -2.45 0.00	98.70 -2.56 0.00	134.32 -3.49 0.00	99.22 -1.52 0.00	113.03 -3.47 0.59	136.18 -5.17 -0.04	171.75 -6.05 -0.27	70.50 -1.92 -2.14	58.36 -1.53 0.00	85.36 -3.89 -0.32	74.62 -4.01 -2.11	73.81 -3.92 -4.86	50.43 -1.90 -16.85	75.05 -3.93 -9.98	69.76 -3.37 -8.01	94.25 -5.57 1.55	69.44 -4.63 17.32	37.00 -1.90 3.51	37.56 -2.18 9.70	40.04 -2.40 6.72	41.26 -2.97 9.67	58.83 -3.45 4.99
SYRACUSE___ENERGY_ST1 323597	90.49 -0.43 0.00	114.72 -0.66 0.00	113.49 -0.75 0.00	100.50 -0.76 0.00	136.84 -0.97 0.00	100.48 -0.26 0.00	116.99 -0.10 0.00	141.80 0.46 -0.03	179.16 1.44 -0.19	72.57 0.74 -1.55	60.46 0.57 0.00	89.78 0.62 -0.24	78.53 0.46 -1.55	76.84 0.40 -3.57	48.42 0.27 -12.67	76.78 0.45 -7.32	72.20 0.51 -6.58	104.36 0.72 -2.27	96.27 0.53 -4.35	45.20 0.28 -2.51	50.36 0.29 -0.64	49.27 0.11 0.00	54.07 -0.08 -0.24	66.92 -0.34 0.00
SYRACUSE___ENERGY_ST2 323598	90.49 -0.43 0.00	114.72 -0.66 0.00	113.49 -0.75 0.00	100.50 -0.76 0.00	136.84 -0.97 0.00	100.48 -0.26 0.00	116.99 -0.10 0.00	141.80 0.46 -0.03	179.16 1.44 -0.19	72.57 0.74 -1.55	60.46 0.57 0.00	89.78 0.62 -0.24	78.53 0.46 -1.55	76.84 0.40 -3.57	48.42 0.27 -12.67	76.78 0.45 -7.32	72.20 0.51 -6.58	104.36 0.72 -2.27	96.27 0.53 -4.35	45.20 0.28 -2.51	50.36 0.29 -0.64	49.27 0.11 0.00	54.07 -0.08 -0.24	66.92 -0.34 0.00
SYRACUSE___POWER 24017	90.49 -0.43 0.00	114.72 -0.66 0.00	113.49 -0.75 0.00	100.47 -0.78 0.00	136.84 -0.97 0.00	100.45 -0.28 0.00	117.17 -0.12 -0.21	141.30 -0.04 -0.04	178.32 0.58 -0.21	72.31 0.38 -1.65	60.10 0.22 0.00	89.33 0.15 -0.25	78.21 0.04 -1.65	76.69 0.04 -3.79	49.02 0.08 -13.46	76.84 0.07 -7.77	72.57 0.13 -7.32	105.50 0.09 -4.05	103.27 0.00 -11.88	46.07 0.02 -3.64	52.63 -0.07 -3.27	49.88 -0.21 -0.93	56.70 -0.40 -3.19	67.40 -0.70 -0.83
TALLMAN___138KV_BK151 55660	99.31 6.16 -2.24	131.24 7.86 -7.99	129.46 7.43 -7.79	125.81 6.26 -18.29	163.60 8.76 -17.03	124.87 6.64 -17.49	199.59 8.99 -73.51	202.59 11.08 -50.21	304.20 14.22 -112.45	277.14 5.89 -200.97	88.04 4.58 -23.57	97.14 6.11 -2.10	95.35 5.02 -13.81	109.46 4.69 -31.90	151.43 2.39 -113.55	139.90 4.91 -65.98	128.99 4.82 -59.06	129.60 7.82 -20.42	137.40 7.08 -38.92	68.27 3.31 -22.56	59.11 3.91 -5.78	52.80 3.63 0.00	59.88 3.76 -2.21	71.35 4.09 0.00
TEALLAVE_115KV_TB7 355573	89.82 -1.09 0.00	113.89 -1.49 0.00	112.68 -1.56 0.00	99.76 -1.49 0.00	135.86 -1.95 0.00	99.74 -0.99 0.00	116.10 -0.99 0.00	140.14 -1.20 -0.03	176.79 -0.92 -0.17	71.43 -0.22 -1.36	59.61 -0.28 0.00	88.55 -0.58 -0.21	77.30 -0.60 -1.37	75.45 -0.57 -3.16	46.49 -0.20 -11.21	74.95 -0.53 -6.47	70.50 -0.43 -5.82	102.57 -0.81 -2.01	94.42 -0.82 -3.85	44.28 -0.34 -2.22	49.51 -0.49 -0.57	48.54 -0.63 0.00	53.29 -0.84 -0.22	66.05 -1.22 0.00
TELGRAPH_34_KV_EAST 80808	86.74 -4.17 0.00	110.10 -5.29 0.00	109.02 -5.21 0.00	96.22 -5.03 0.00	130.81 -7.00 0.00	96.63 -4.10 0.00	109.43 -7.03 0.63	131.58 -9.78 -0.05	165.87 -11.94 -0.28	68.29 -4.22 -2.23	56.46 -3.43 0.00	82.65 -6.61 -0.33	72.59 -6.12 -2.19	71.77 -6.14 -5.05	49.91 -2.97 -17.39	73.28 -6.08 -10.35	68.05 -5.34 -8.28	90.70 -8.89 1.77	64.52 -7.60 19.28	34.63 -3.15 4.62	34.88 -3.54 11.01	37.44 -3.79 7.93	38.75 -4.46 10.70	56.28 -5.18 5.81
TEMPLE___115KV_TB 2 55572	89.87 -1.05 0.00	114.00 -1.39 0.00	112.77 -1.47 0.00	99.83 -1.43 0.00	135.97 -1.84 0.00	99.82 -0.92 0.00	116.16 -0.93 0.00	140.25 -1.09 -0.03	176.85 -0.86 -0.17	71.50 -0.17 -1.38	59.63 -0.25 0.00	88.60 -0.54 -0.21	77.39 -0.53 -1.39	75.54 -0.53 -3.21	46.71 -0.18 -11.41	75.11 -0.48 -6.59	70.65 -0.39 -5.92	102.67 -0.74 -2.05	94.55 -0.75 -3.91	44.34 -0.33 -2.26	49.54 -0.46 -0.58	48.56 -0.60 0.00	53.32 -0.80 -0.22	66.08 -1.19 0.00
TIANA____69_KV_BK 1 55817	103.98 10.69 -2.37	140.30 14.89 -10.03	136.45 13.96 -8.25	132.81 12.18 -19.37	172.54 16.71 -18.02	160.32 13.92 -45.66	218.76 15.01 -86.66	238.08 18.55 -78.22	318.21 21.52 -119.15	291.09 6.85 -213.95	96.76 7.38 -29.48	101.36 10.23 -2.21	98.92 7.91 -14.49	114.75 8.43 -33.46	162.16 4.40 -122.27	149.73 9.51 -71.21	157.71 9.33 -83.26	183.39 14.35 -67.68	282.25 14.17 -176.69	149.22 6.61 -100.21	144.41 7.74 -87.23	127.74 7.19 -71.39	126.68 7.76 -65.01	75.63 8.36 -0.01
TILDEN___115KV_TB1 80814	90.49 -0.43 0.00	114.72 -0.66 0.00	113.49 -0.75 0.00	100.47 -0.78 0.00	136.84 -0.97 0.00	100.45 -0.28 0.00	117.17 -0.12 -0.21	141.30 -0.04 -0.04	178.32 0.58 -0.21	72.31 0.38 -1.65	60.10 0.22 0.00	89.33 0.15 -0.25	78.21 0.04 -1.65	76.69 0.04 -3.79	49.02 0.08 -13.46	76.84 0.07 -7.77	72.57 0.13 -7.32	105.50 0.09 -4.05	103.27 0.00 -11.88	46.07 0.02 -3.64	52.63 -0.07 -3.27	49.88 -0.21 -0.93	56.70 -0.40 -3.19	67.40 -0.70 -0.83

TRIGEN___CC 323695	101.43 8.14 -2.37	134.98 10.72 -8.88	132.55 10.06 -8.25	129.23 8.62 -19.36	167.40 11.57 -18.02	136.03 9.59 -25.70	207.77 11.45 -79.23	213.43 14.39 -57.73	314.43 17.74 -119.15	291.03 6.79 -213.95	95.48 6.11 -29.48	99.17 8.03 -2.21	97.68 6.66 -14.49	112.86 6.54 -33.46	160.27 3.30 -121.49	151.14 6.83 -75.31	170.35 6.61 -98.62	154.68 10.29 -43.03	190.03 9.67 -88.96	138.28 4.50 -91.38	126.65 5.30 -71.92	102.24 5.04 -48.03	94.90 5.34 -35.66	72.87 5.60 0.00
TRINITY___115KV___4 BK 55933	104.30 4.73 -8.65	152.39 6.11 -30.90	150.30 5.95 -30.11	176.96 5.01 -70.69	210.62 7.01 -65.80	173.36 5.03 -67.60	407.08 5.90 -284.09	338.26 6.99 -189.96	596.37 8.87 -409.96	654.49 3.77 -580.42	153.47 3.01 -90.57	96.06 4.40 -2.74	98.38 3.87 -17.99	117.79 3.51 -41.42	184.07 1.53 -147.05	157.49 2.84 -85.65	145.56 2.62 -77.83	132.28 4.01 -26.91	146.29 3.60 -51.30	73.86 1.73 -29.73	59.07 2.03 -7.61	51.15 1.99 0.00	59.14 2.33 -2.91	70.22 2.95 0.00
UNION___PROCESSING_DRP 323587	88.92 -2.00 0.00	112.76 -2.63 0.00	111.58 -2.65 0.00	98.67 -2.59 0.00	134.28 -3.53 0.00	98.89 -1.85 0.00	113.35 -3.30 0.44	136.65 -4.69 -0.04	172.26 -5.50 -0.23	70.26 -1.89 -1.86	58.35 -1.54 0.00	85.98 -3.23 -0.28	75.40 -2.97 -1.85	74.08 -3.04 -4.26	49.20 -1.41 -15.12	74.74 -3.00 -8.73	69.63 -2.61 -7.13	96.04 -4.54 0.79	76.83 -4.17 10.39	41.50 -1.81 -0.91	42.57 -2.08 4.78	44.86 -2.31 2.00	45.23 -2.69 5.99	62.25 -3.23 1.79
UPPER HUDSON___HYD 24058	111.00 4.59 -15.49	176.44 5.73 -55.32	173.80 5.65 -53.91	233.07 5.26 -126.56	262.60 6.98 -117.81	227.14 5.38 -121.02	632.77 7.06 -508.62	489.99 8.77 -339.91	922.10 11.71 -732.86	1105.20 4.60 -1030.32	225.88 3.73 -162.26	96.55 4.80 -2.83	99.20 4.07 -18.61	119.57 3.89 -42.82	189.43 1.91 -152.04	161.68 4.12 -88.55	149.47 3.90 -80.45	135.40 6.23 -27.81	150.00 5.58 -53.02	75.72 2.58 -30.74	60.18 2.88 -7.87	51.83 2.66 0.00	59.70 2.79 -3.00	70.28 3.01 0.00
UPPER RAQUET___HYD 24056	90.09 -0.83 0.00	114.39 -1.00 0.00	113.29 -0.94 0.00	100.73 -0.53 0.00	136.18 -1.63 0.00	98.32 -2.41 0.00	112.52 -4.57 0.00	135.46 -5.85 0.00	169.38 -8.15 0.00	67.14 -3.15 0.00	57.75 -2.13 0.00	84.86 -4.06 0.00	73.48 -3.04 0.00	70.05 -2.81 0.00	33.92 -1.57 0.00	65.96 -3.05 0.00	61.99 -3.13 0.00	96.84 -4.52 0.00	87.17 -4.22 0.00	40.29 -2.12 0.00	47.07 -2.36 0.00	47.67 -1.50 0.00	52.73 -1.18 0.00	66.68 -0.59 0.00
VALLEY44_115KV_TB2 355964	87.76 -3.55 -0.39	112.37 -4.41 -1.40	110.98 -4.62 -1.37	100.30 -4.16 -3.21	135.05 -5.75 -2.98	100.14 -3.66 -3.07	122.57 -6.43 -11.91	141.22 -8.74 -8.65	186.10 -10.28 -18.85	95.37 -3.66 -28.74	61.24 -2.76 -4.11	84.99 -4.37 -0.43	74.69 -4.64 -2.81	74.70 -4.64 -6.47	55.78 -2.35 -22.64	77.43 -4.85 -13.27	71.25 -4.21 -10.35	91.00 -6.78 3.57	57.05 -5.91 28.44	36.16 -2.84 3.41	32.45 -3.36 13.62	38.03 -3.46 7.68	35.33 -3.87 14.71	56.70 -4.52 6.05
VALLEY___115KV_TB 1-4 80826	94.06 3.14 0.00	119.34 3.96 0.00	117.91 3.67 0.00	104.33 3.07 0.00	142.15 4.34 0.00	104.42 3.68 0.00	122.03 4.94 0.00	147.31 6.01 0.00	185.52 7.99 0.00	73.42 3.14 0.00	62.23 2.34 0.00	92.68 3.75 0.00	79.78 3.26 0.00	75.90 3.03 0.00	36.98 1.49 0.00	71.80 2.80 0.00	67.79 2.68 0.00	105.51 4.15 0.00	95.04 3.65 0.00	44.07 1.67 0.00	51.23 1.80 0.00	50.66 1.50 0.00	55.50 1.59 0.00	68.89 1.62 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	100.12 6.98 -2.22	132.19 8.88 -7.92	130.56 8.60 -7.72	126.87 7.49 -18.13	165.05 10.37 -16.87	126.28 8.21 -17.33	199.82 9.88 -72.85	201.94 11.81 -48.82	298.62 15.29 -105.79	230.29 5.98 -154.03	87.92 4.76 -23.27	97.04 7.14 -0.98	88.98 6.06 -6.41	93.36 5.74 -14.76	90.79 2.88 -52.42	104.82 5.54 -30.27	97.75 5.43 -27.20	119.06 8.29 -9.40	116.82 7.50 -17.93	56.24 3.45 -10.39	56.06 3.97 -2.66	52.94 3.78 0.00	58.95 4.02 -1.02	71.84 4.57 0.00
VISCHER___FERRY HYD 24020	109.27 5.49 -12.86	168.41 7.08 -45.94	165.88 6.88 -44.77	212.50 6.14 -105.10	244.02 8.38 -97.83	207.54 6.30 -100.50	547.07 7.60 -422.37	432.64 8.93 -282.40	798.33 11.45 -609.35	936.66 4.77 -861.61	198.35 3.80 -134.66	96.90 5.20 -2.77	99.25 4.52 -18.22	119.04 4.25 -41.93	186.36 2.01 -148.86	159.67 3.98 -86.68	147.62 3.78 -78.73	134.51 5.93 -27.22	148.66 5.38 -51.89	74.97 2.49 -30.08	60.02 2.89 -7.70	51.97 2.81 0.00	59.93 3.08 -2.94	70.84 3.57 0.00
V_A_10_SYNC_DSASP 323832	86.70 -4.21 0.00	110.04 -5.34 0.00	108.94 -5.30 0.00	96.25 -5.01 0.00	130.95 -6.86 0.00	96.43 -4.30 0.00	109.59 -6.95 0.56	131.67 -9.68 -0.04	165.99 -11.81 -0.26	68.09 -4.28 -2.09	56.41 -3.48 0.00	82.81 -6.43 -0.31	72.84 -5.75 -2.07	71.83 -5.79 -4.76	49.24 -2.74 -16.49	73.09 -5.68 -9.76	67.91 -5.06 -7.86	91.24 -8.74 1.38	67.13 -7.89 16.37	35.56 -3.50 3.35	36.14 -4.01 9.28	38.51 -4.15 6.49	40.00 -4.68 9.23	57.01 -5.46 4.81
V_CMM_10_SYNC_DSASP 323787	89.66 -1.26 0.00	113.78 -1.60 0.00	112.87 -1.37 0.00	100.29 -0.97 0.00	136.16 -1.65 0.00	98.94 -1.79 0.00	114.16 -2.93 0.00	137.78 -3.53 0.00	172.33 -5.20 0.00	68.07 -2.22 0.00	58.29 -1.60 0.00	86.20 -2.72 0.00	74.48 -2.04 0.00	70.98 -1.89 0.00	34.42 -1.07 0.00	67.11 -1.89 0.00	63.20 -1.92 0.00	98.51 -2.86 0.00	88.80 -2.60 0.00	41.19 -1.21 0.00	48.13 -1.29 0.00	48.17 -0.99 0.00	53.03 -0.88 0.00	66.81 -0.46 0.00
V_CMP_10_SYNC_DSASP 323788	92.17 1.25 0.00	117.11 1.73 0.00	116.10 1.87 0.00	103.24 1.99 0.00	139.87 2.06 0.00	101.37 0.64 0.00	116.80 -0.29 0.00	140.28 -1.03 0.00	175.68 -1.85 0.00	69.76 -0.53 0.00	59.80 -0.09 0.00	88.02 -0.91 0.00	75.97 -0.55 0.00	72.45 -0.41 0.00	35.11 -0.38 0.00	68.53 -0.48 0.00	64.91 -0.21 0.00	101.10 -0.26 0.00	90.75 -0.64 0.00	42.05 -0.35 0.00	48.81 -0.62 0.00	48.72 -0.44 0.00	53.44 -0.47 0.00	67.57 0.30 0.00
V_D_10_SYNC_DSASP 323841	90.16 -0.76 0.00	114.47 -0.91 0.00	113.48 -0.76 0.00	100.88 -0.38 0.00	136.86 -0.95 0.00	99.39 -1.34 0.00	114.62 -2.47 0.00	138.03 -3.27 0.00	172.68 -4.86 0.00	68.36 -1.93 0.00	58.55 -1.34 0.00	86.24 -2.68 0.00	74.66 -1.87 0.00	71.13 -1.73 0.00	34.45 -1.04 0.00	67.34 -1.67 0.00	63.31 -1.81 0.00	98.70 -2.66 0.00	88.86 -2.54 0.00	41.17 -1.23 0.00	48.11 -1.32 0.00	48.31 -0.86 0.00	53.21 -0.70 0.00	67.08 -0.19 0.00
V_E_10_SYNC_DSASP 323830	100.72 8.75 -1.05	129.93 10.78 -3.76	128.41 10.50 -3.67	119.10 9.23 -8.61	158.64 12.81 -8.02	119.97 11.00 -8.23	166.29 13.37 -35.83	180.16 15.63 -23.22	249.37 21.42 -50.41	153.71 8.76 -74.66	77.78 6.84 -11.05	99.46 9.82 -0.71	88.93 7.76 -4.65	90.93 7.36 -10.71	77.65 3.98 -38.18	98.86 7.89 -21.96	94.34 7.48 -21.75	129.10 11.20 -16.54	158.19 9.72 -57.08	61.00 3.82 -14.78	71.62 3.78 -18.41	58.50 2.40 -6.94	74.49 1.86 -18.73	74.92 1.78 -5.86
V_F_30_NSYNC___DSASP 323816	111.70 5.62 -15.16	176.70 7.16 -54.15	174.02 7.02 -52.76	231.42 6.28 -123.88	261.67 8.55 -115.31	225.72 6.53 -118.46	623.02 8.09 -497.84	483.79 9.75 -332.73	907.62 12.65 -717.44	1084.72 5.10 -1009.33	222.82 4.12 -158.81	97.53 5.78 -2.82	100.03 4.95 -18.55	120.30 4.74 -42.70	189.39 2.31 -151.59	161.92 4.63 -88.29	149.74 4.42 -80.21	136.07 6.97 -27.73	150.55 6.29 -52.86	75.95 2.90 -30.64	60.59 3.32 -7.85	52.33 3.17 0.00	60.31 3.41 -3.00	71.14 3.87 0.00

V_F_30_SYNC_DSASP 323786	106.18 4.93 -10.33	158.64 6.36 -36.89	156.37 6.18 -35.95	190.85 5.19 -84.40	223.65 7.28 -78.56	186.68 5.25 -80.71	462.49 6.23 -339.17	375.54 7.47 -226.76	676.33 9.54 -489.25	765.74 4.02 -691.44	171.28 3.24 -108.15	96.46 4.77 -2.76	98.85 4.19 -18.14	118.45 3.83 -41.76	185.42 1.69 -148.25	158.50 3.15 -86.34	146.46 2.90 -78.45	132.95 4.46 -27.12	147.09 3.99 -51.71	74.30 1.92 -29.97	59.32 2.22 -7.67	51.34 2.18 0.00	59.35 2.51 -2.93	70.44 3.17 0.00
V_XM_10_SYNC_DSASP 323789	92.17 1.25 0.00	117.11 1.73 0.00	116.10 1.87 0.00	103.24 1.99 0.00	139.87 2.06 0.00	101.37 0.64 0.00	116.80 -0.29 0.00	140.28 -1.03 0.00	175.68 -1.85 0.00	69.76 -0.53 0.00	59.80 -0.09 0.00	88.02 -0.91 0.00	75.97 -0.55 0.00	72.45 -0.41 0.00	35.11 -0.38 0.00	68.53 -0.48 0.00	64.91 -0.21 0.00	101.10 -0.26 0.00	90.75 -0.64 0.00	42.05 -0.35 0.00	48.81 -0.62 0.00	48.72 -0.44 0.00	53.44 -0.47 0.00	67.57 0.30 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	99.59 6.42 -2.25	131.70 8.26 -8.05	129.86 7.78 -7.84	126.24 6.58 -18.41	164.16 9.21 -17.14	125.35 7.00 -17.61	200.49 9.40 -73.99	203.44 11.59 -50.54	305.67 14.93 -113.20	278.87 6.14 -202.44	88.39 4.77 -23.72	97.47 6.43 -2.11	95.69 5.28 -13.89	109.91 4.96 -32.08	152.17 2.51 -114.18	140.51 5.18 -66.33	129.54 5.06 -59.37	130.08 8.19 -20.53	137.95 7.42 -39.13	68.55 3.46 -22.68	59.32 4.08 -5.81	52.97 3.81 0.00	60.06 3.94 -2.22	71.56 4.29 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	100.64 7.36 -2.37	133.08 9.23 -8.46	131.16 8.68 -8.24	127.85 7.25 -19.35	166.02 10.19 -18.01	126.92 7.68 -18.50	205.25 10.40 -77.76	207.52 13.07 -53.14	313.71 17.07 -119.10	291.18 7.03 -213.86	90.34 5.52 -24.94	98.59 7.46 -2.20	97.18 6.18 -14.49	112.14 5.83 -33.44	157.36 2.87 -119.00	143.92 5.86 -69.05	132.64 5.73 -61.80	131.96 9.23 -21.37	140.41 8.28 -40.73	69.88 3.87 -23.61	60.01 4.54 -6.05	53.39 4.23 0.00	60.63 4.42 -2.31	72.06 4.79 0.00
W50THST__13_KV_LOAD 356117	101.04 7.76 -2.37	133.59 9.75 -8.46	131.64 9.16 -8.24	128.25 7.65 -19.35	166.58 10.76 -18.01	127.37 8.13 -18.50	205.82 10.97 -77.76	208.29 13.84 -53.14	314.80 18.16 -119.10	291.68 7.53 -213.86	90.74 5.92 -24.94	99.15 8.01 -2.20	97.66 6.65 -14.49	112.58 6.27 -33.44	157.58 3.09 -119.00	144.32 6.27 -69.05	133.05 6.14 -61.80	132.56 9.83 -21.37	140.90 8.78 -40.73	70.10 4.08 -23.61	60.25 4.78 -6.05	53.62 4.46 0.00	60.87 4.65 -2.31	72.34 5.07 0.00
WADING RIVER_IC_1 23522	103.35 10.06 -2.37	139.71 14.29 -10.03	135.89 13.40 -8.25	132.26 11.63 -19.37	171.72 15.89 -18.02	159.70 13.29 -45.67	218.26 14.51 -86.66	237.50 17.96 -78.23	317.00 20.31 -119.15	290.33 6.09 -213.95	96.29 6.92 -29.48	100.86 9.73 -2.21	98.38 7.36 -14.49	114.39 8.07 -33.46	161.97 4.22 -122.27	149.30 9.09 -71.21	157.32 8.96 -83.25	182.89 13.83 -67.69	281.64 13.53 -176.72	148.91 6.29 -100.21	144.02 7.36 -87.24	127.31 6.75 -71.40	126.31 7.38 -65.02	75.17 7.89 -0.01
WADING RIVER_IC_2 23547	103.35 10.06 -2.37	139.71 14.29 -10.03	135.89 13.40 -8.25	132.26 11.63 -19.37	171.72 15.89 -18.02	159.70 13.29 -45.67	218.26 14.51 -86.66	237.50 17.96 -78.23	317.00 20.31 -119.15	290.33 6.09 -213.95	96.29 6.92 -29.48	100.86 9.73 -2.21	98.38 7.36 -14.49	114.39 8.07 -33.46	161.97 4.22 -122.27	149.30 9.09 -71.21	157.32 8.96 -83.25	182.89 13.83 -67.69	281.64 13.53 -176.72	148.91 6.29 -100.21	144.02 7.36 -87.24	127.31 6.75 -71.40	126.31 7.38 -65.02	75.17 7.89 -0.01
WADING RIVER_IC_3 23601	103.35 10.06 -2.37	139.71 14.29 -10.03	135.89 13.40 -8.25	132.26 11.63 -19.37	171.72 15.89 -18.02	159.70 13.29 -45.67	218.26 14.51 -86.66	237.50 17.96 -78.23	317.00 20.31 -119.15	290.33 6.09 -213.95	96.29 6.92 -29.48	100.86 9.73 -2.21	98.38 7.36 -14.49	114.39 8.07 -33.46	161.97 4.22 -122.27	149.30 9.09 -71.21	157.32 8.96 -83.25	182.89 13.83 -67.69	281.64 13.53 -176.72	148.91 6.29 -100.21	144.02 7.36 -87.24	127.31 6.75 -71.40	126.31 7.38 -65.02	75.17 7.89 -0.01
WALDENNY_12_KV_BK2 80841	87.36 -3.90 -0.34	111.56 -5.05 -1.23	110.49 -4.95 -1.20	99.32 -4.75 -2.81	133.77 -6.66 -2.62	99.61 -3.82 -2.69	120.98 -6.61 -10.51	139.58 -9.31 -7.58	183.05 -10.98 -16.49	91.60 -3.84 -25.16	60.30 -3.19 -3.59	83.16 -6.14 -0.38	73.28 -5.72 -2.48	72.68 -5.89 -5.70	52.07 -2.83 -19.42	74.82 -5.88 -11.70	69.08 -5.26 -9.22	89.77 -8.98 2.62	57.54 -7.94 25.91	31.04 -3.50 7.87	30.21 -4.05 15.17	33.34 -4.29 11.53	34.85 -4.96 14.10	53.11 -5.85 8.31
WALDEN__HYDRO 24148	100.22 6.95 -2.36	132.62 8.82 -8.41	130.80 8.37 -8.19	127.69 7.20 -19.24	165.74 10.02 -17.91	126.79 7.66 -18.40	204.54 10.13 -77.31	206.53 12.49 -52.73	311.39 16.06 -117.80	284.53 6.58 -207.67	89.67 5.02 -24.76	97.73 6.69 -2.12	96.03 5.58 -13.93	110.30 4.93 -32.50	153.56 2.49 -115.58	140.96 5.17 -66.79	130.01 5.12 -59.78	130.31 8.27 -20.67	138.29 7.50 -39.40	68.73 3.49 -22.84	59.37 4.10 -5.85	53.00 3.83 0.00	60.12 3.98 -2.23	71.60 4.34 0.00
WARRENSBURG____ 23737	111.00 4.59 -15.49	176.44 5.73 -55.32	173.80 5.65 -53.91	233.07 5.26 -126.56	262.60 6.98 -117.81	227.14 5.38 -121.02	632.77 7.06 -508.62	489.99 8.77 -339.91	922.10 11.71 -732.86	1105.20 4.60 -1030.32	225.88 3.73 -162.26	96.55 4.80 -2.83	99.20 4.07 -18.61	119.57 3.89 -42.82	189.43 1.91 -152.04	161.68 4.12 -88.55	149.47 3.90 -80.45	135.40 6.23 -27.81	150.00 5.58 -53.02	75.72 2.58 -30.74	60.18 2.88 -7.87	51.83 2.66 0.00	59.70 2.79 -3.00	70.28 3.01 0.00
WATERSIDE____6 8 9 23538	100.76 7.47 -2.37	133.22 9.38 -8.46	131.34 8.86 -8.24	127.90 7.30 -19.35	166.21 10.38 -18.01	127.04 7.80 -18.51	205.48 10.61 -77.78	207.82 13.36 -53.15	314.21 17.55 -119.13	291.43 7.23 -213.91	90.42 5.59 -24.94	98.66 7.52 -2.21	97.24 6.23 -14.49	112.20 5.89 -33.45	157.44 2.92 -119.03	144.02 5.95 -69.06	132.78 5.85 -61.81	132.11 9.37 -21.37	140.55 8.42 -40.74	69.93 3.91 -23.62	58.74 4.63 -4.68	50.49 4.34 3.01	59.01 4.52 -0.58	70.56 4.87 1.59
WATKINRD_115KV_LN8_ILLION 55919	93.17 2.25 0.00	118.23 2.84 0.00	116.88 2.65 0.00	103.45 2.19 0.00	140.96 3.15 0.00	103.35 2.61 0.00	120.65 3.56 0.00	145.61 4.30 0.00	183.26 5.72 0.00	72.58 2.30 0.00	61.58 1.70 0.00	91.70 2.77 0.00	78.90 2.38 0.00	75.07 2.21 0.00	36.59 1.11 0.00	71.05 2.04 0.00	67.08 1.97 0.00	104.41 3.05 0.00	94.11 2.72 0.00	43.65 1.25 0.00	50.81 1.38 0.00	50.37 1.21 0.00	55.21 1.30 0.00	68.60 1.33 0.00
WATSON__69_KV_BK 1 55734	104.00 10.71 -2.37	139.68 14.31 -9.98	136.00 13.51 -8.25	132.29 11.66 -19.37	171.51 15.68 -18.02	158.54 13.08 -44.73	218.28 14.87 -86.31	237.31 18.74 -77.26	319.50 22.82 -119.15	292.48 8.24 -213.95	97.05 7.68 -29.48	101.25 10.12 -2.21	99.28 8.26 -14.49	114.73 8.41 -33.46	162.07 4.33 -122.25	149.50 9.07 -71.43	158.08 8.80 -84.16	181.68 13.72 -66.59	277.14 13.08 -172.66	148.50 6.00 -100.09	143.24 7.02 -86.79	126.29 6.64 -70.48	124.71 7.06 -63.74	74.84 7.57 -0.01
WDELAWARE__HYD 323627	98.75 5.48 -2.35	130.75 6.98 -8.39	128.99 6.58 -8.18	126.08 5.63 -19.19	163.57 7.89 -17.87	125.36 6.27 -18.36	202.93 8.70 -77.14	204.65 10.91 -52.44	308.19 14.14 -116.51	275.15 5.77 -199.09	88.55 3.97 -24.69	96.05 5.13 -1.99	93.98 4.35 -13.10	107.22 3.58 -30.77	146.65 1.83 -109.34	135.96 4.01 -62.94	125.50 4.00 -56.38	127.51 6.65 -19.49	134.57 6.01 -37.16	66.74 2.79 -21.54	58.20 3.25 -5.52	52.17 3.01 0.00	59.06 3.05 -2.11	70.44 3.17 0.00

WEST BABYLON___IC 23714	103.42 10.13 -2.37	138.72 13.47 -9.86	135.19 12.70 -8.25	131.57 10.94 -19.37	170.52 14.69 -18.02	155.70 12.27 -42.70	216.79 14.14 -85.56	234.30 17.82 -75.18	318.38 21.69 -119.15	292.18 7.93 -213.95	96.68 7.31 -29.48	100.81 9.68 -2.21	98.94 7.92 -14.49	114.31 8.00 -33.46	161.78 4.09 -122.20	149.48 8.55 -71.93	159.67 8.30 -86.25	178.58 12.96 -64.25	267.63 12.29 -163.95	148.08 5.67 -100.01	142.08 6.65 -86.00	124.07 6.30 -68.60	121.64 6.68 -61.05	74.42 7.15 -0.01
WEST CANADA___HYD 24049	91.65 0.73 0.00	116.32 0.93 0.00	115.14 0.90 0.00	101.97 0.71 0.00	138.88 1.08 0.00	101.64 0.91 0.00	118.35 1.25 0.00	142.72 1.41 0.00	179.37 1.83 0.00	71.10 0.81 0.00	60.52 0.63 0.00	90.00 1.08 0.00	77.44 0.92 0.00	73.74 0.88 0.00	35.92 0.43 0.00	69.73 0.72 0.00	65.82 0.70 0.00	102.46 1.09 0.00	92.40 1.00 0.00	42.84 0.44 0.00	49.92 0.49 0.00	49.57 0.40 0.00	54.34 0.44 0.00	67.68 0.41 0.00
WESTERN_NY_WIND 24143	88.89 -2.03 0.00	112.73 -2.65 0.00	111.59 -2.65 0.00	98.52 -2.74 0.00	134.05 -3.76 0.00	99.06 -1.67 0.00	112.67 -3.82 0.60	135.76 -5.59 -0.04	171.20 -6.61 -0.27	70.28 -2.18 -2.17	58.16 -1.73 0.00	85.16 -4.10 -0.33	74.45 -4.21 -2.14	73.72 -4.06 -4.92	50.50 -2.01 -17.02	74.99 -4.11 -10.09	69.65 -3.56 -8.09	93.95 -5.80 1.62	68.58 -4.88 17.94	36.57 -1.97 3.86	37.07 -2.25 10.11	39.55 -2.52 7.10	40.81 -3.10 9.99	58.41 -3.61 5.24
WESTOVER___LESR 323668	91.78 0.14 -0.73	118.11 0.12 -2.61	116.71 -0.07 -2.54	107.05 -0.18 -5.96	143.23 -0.13 -5.55	106.81 0.37 -5.70	141.02 0.35 -23.58	157.60 0.17 -16.13	213.88 1.17 -35.17	124.23 0.59 -53.35	67.94 0.37 -7.68	90.32 0.65 -0.73	81.70 0.36 -4.82	84.27 0.31 -11.09	75.09 0.21 -39.39	91.99 0.23 -22.75	85.18 0.25 -19.81	105.53 0.18 -3.98	91.26 0.11 0.24	48.41 0.04 -5.97	46.45 -0.09 2.88	47.18 -0.22 1.76	48.72 -0.42 4.77	64.94 -0.76 1.58
WETHRSFD_WT_PWR 323626	86.39 -4.92 -0.39	110.41 -6.37 -1.40	109.70 -5.89 -1.36	99.00 -5.46 -3.20	132.95 -7.84 -2.98	99.31 -4.48 -3.06	122.21 -6.66 -11.78	141.31 -8.63 -8.62	186.28 -10.03 -18.78	95.28 -3.64 -28.63	60.88 -3.11 -4.09	83.55 -5.80 -0.43	73.81 -5.51 -2.80	73.48 -5.83 -6.44	52.68 -2.84 -20.04	76.66 -5.57 -13.22	70.14 -5.10 -10.13	87.97 -9.00 4.39	35.73 -8.17 47.48	9.81 -3.89 28.70	10.61 -4.73 34.09	11.88 -4.90 32.38	22.13 -5.61 26.17	38.20 -7.06 22.02
WHAVSTOR_138KV_BK127 55557	99.18 6.01 -2.26	131.14 7.70 -8.06	129.31 7.22 -7.85	125.80 6.11 -18.44	163.52 8.54 -17.16	124.86 6.50 -17.63	199.98 8.80 -74.09	202.75 10.83 -50.61	304.84 13.95 -113.35	278.80 5.77 -202.74	88.10 4.46 -23.75	96.99 5.95 -2.12	95.30 4.88 -13.90	109.56 4.58 -32.11	152.11 2.32 -114.30	140.19 4.78 -66.40	129.24 4.69 -59.44	129.54 7.62 -20.55	137.47 6.90 -39.17	68.34 3.22 -22.71	59.06 3.81 -5.81	52.72 3.55 0.00	59.79 3.67 -2.22	71.23 3.96 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	99.18 6.01 -2.26	131.14 7.70 -8.06	129.31 7.22 -7.85	125.80 6.11 -18.44	163.52 8.54 -17.16	124.86 6.50 -17.63	199.98 8.80 -74.09	202.75 10.83 -50.61	304.84 13.95 -113.35	278.80 5.77 -202.74	88.10 4.46 -23.75	96.99 5.95 -2.12	95.30 4.88 -13.90	109.56 4.58 -32.11	152.11 2.32 -114.30	140.19 4.78 -66.40	129.24 4.69 -59.44	129.54 7.62 -20.55	137.47 6.90 -39.17	68.34 3.22 -22.71	59.06 3.81 -5.81	52.72 3.55 0.00	59.79 3.67 -2.22	71.23 3.96 0.00
WHITEHAL_115KV_TB1 80871	113.58 7.31 -15.35	179.55 9.33 -54.84	177.13 9.46 -53.43	235.68 8.97 -125.45	266.13 11.55 -116.77	229.41 8.72 -119.96	632.42 11.18 -504.14	492.08 13.84 -336.93	922.93 18.93 -726.46	1098.73 6.84 -1021.60	226.57 5.85 -160.83	98.42 6.66 -2.83	100.71 5.61 -18.58	121.08 5.45 -42.77	189.93 2.59 -151.85	163.57 6.12 -88.44	151.35 5.89 -80.35	138.54 9.40 -27.78	152.80 8.45 -52.96	77.07 3.97 -30.70	61.47 4.19 -7.86	52.96 3.80 0.00	61.04 4.13 -3.00	71.76 4.49 0.00
WHITEPLN_13_KV_LOAD 356215	101.30 8.02 -2.36	133.95 10.12 -8.44	132.06 9.60 -8.22	128.72 8.16 -19.31	167.18 11.40 -17.97	127.85 8.65 -18.46	206.13 11.44 -77.59	208.60 14.27 -53.02	314.82 18.44 -118.84	291.16 7.51 -213.36	90.71 5.94 -24.88	99.20 8.07 -2.20	97.68 6.69 -14.46	112.56 6.30 -33.38	157.42 3.15 -118.79	144.33 6.41 -68.91	133.07 6.27 -61.68	132.84 10.15 -21.33	141.20 9.15 -40.66	70.21 4.24 -23.57	60.42 4.96 -6.03	53.80 4.64 0.00	61.04 4.83 -2.30	72.63 5.36 0.00
WM_FLOYD_69_KV_BK2 356380	103.50 10.22 -2.37	139.47 14.05 -10.03	135.69 13.20 -8.25	132.06 11.43 -19.37	171.37 15.54 -18.02	159.34 12.99 -45.62	218.03 14.29 -86.64	237.27 17.79 -78.17	317.64 20.95 -119.15	291.16 6.92 -213.95	96.47 7.10 -29.48	100.69 9.56 -2.21	98.51 7.50 -14.49	114.25 7.93 -33.46	161.91 4.15 -122.27	149.16 8.94 -71.22	157.18 8.77 -83.30	182.63 13.64 -67.62	281.11 13.23 -176.48	148.72 6.12 -100.20	143.80 7.16 -87.21	127.16 6.66 -71.34	126.01 7.16 -64.94	74.97 7.69 -0.01
WOODARD___115KV_TB2 355635	89.65 -1.27 0.00	113.67 -1.71 0.00	112.47 -1.77 0.00	99.60 -1.66 0.00	135.61 -2.20 0.00	99.54 -1.20 0.00	115.85 -1.24 0.00	140.03 -1.31 -0.03	176.62 -1.09 -0.17	71.38 -0.27 -1.37	59.56 -0.33 0.00	88.48 -0.66 -0.21	77.28 -0.62 -1.38	75.42 -0.62 -3.17	46.52 -0.23 -11.26	74.95 -0.56 -6.50	70.51 -0.45 -5.85	102.55 -0.83 -2.02	94.42 -0.84 -3.87	44.29 -0.34 -2.23	49.51 -0.48 -0.57	48.55 -0.61 0.00	53.30 -0.82 -0.22	66.06 -1.21 0.00
YORK___WARBASSE 23770	101.26 7.97 -2.37	133.84 10.00 -8.46	131.91 9.43 -8.24	128.35 7.74 -19.35	166.85 11.03 -18.01	127.51 8.27 -18.51	206.00 11.13 -77.78	208.42 13.96 -53.15	314.85 18.19 -119.13	291.65 7.45 -213.91	90.63 5.81 -24.94	99.02 7.89 -2.21	97.54 6.53 -14.49	112.47 6.15 -33.45	157.55 3.04 -119.03	144.25 6.19 -69.06	132.92 6.00 -61.81	132.32 9.59 -21.37	140.80 8.66 -40.74	70.08 4.06 -23.62	67.20 4.95 -12.82	68.78 4.68 -14.94	69.61 4.83 -10.87	80.36 5.20 -7.89