

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

02/15/2025

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	92.41	87.17	85.10	77.36	77.94	82.66	82.41	83.57	89.28	107.28	122.23	127.96	127.39	125.70	134.82	127.20	139.03	145.82	154.74	143.68	135.97	123.77	120.60	123.74
24138	5.30	4.92	4.53	4.28	4.40	4.76	4.85	4.62	5.43	6.10	7.05	6.66	6.74	6.46	6.08	5.13	5.45	6.10	5.86	5.18	5.95	4.58	4.36	4.14
	-5.49	-1.66	-6.36	-2.93	-2.57	-3.58	-7.28	-13.90	-12.30	-23.92	-29.20	-38.97	-38.50	-39.44	-54.62	-59.59	-67.86	-67.09	-79.90	-76.84	-60.04	-63.35	-60.40	-63.63
74TH STREET_GT_1	92.41	87.25	85.10	77.36	77.94	82.65	82.42	83.44	89.07	107.13	122.06	127.80	127.23	125.55	134.68	127.08	138.97	145.85	154.80	143.74	136.05	123.81	120.69	123.82
24260	5.31	5.00	4.53	4.28	4.40	4.76	4.85	4.49	5.22	5.95	6.88	6.50	6.57	6.30	5.93	5.00	5.39	5.96	5.73	5.06	5.88	4.47	4.30	4.09
	-5.49	-1.66	-6.36	-2.93	-2.57	-3.58	-7.28	-13.90	-12.30	-23.92	-29.21	-38.98	-38.50	-39.44	-54.63	-59.59	-67.87	-67.26	-80.09	-77.02	-60.18	-63.50	-60.54	-63.78
74TH STREET_GT_2	92.41	87.25	85.10	77.36	77.94	82.65	82.42	83.44	89.07	107.13	122.06	127.80	127.23	125.55	134.68	127.08	138.97	145.85	154.80	143.74	136.05	123.81	120.69	123.82
24261	5.31	5.00	4.53	4.28	4.40	4.76	4.85	4.49	5.22	5.95	6.88	6.50	6.57	6.30	5.93	5.00	5.39	5.96	5.73	5.06	5.88	4.47	4.30	4.09
	-5.49	-1.66	-6.36	-2.93	-2.57	-3.58	-7.28	-13.90	-12.30	-23.92	-29.21	-38.98	-38.50	-39.44	-54.63	-59.59	-67.87	-67.26	-80.09	-77.02	-60.18	-63.50	-60.54	-63.78
ADK HUDSON___FALLS	147.71	105.24	149.10	107.68	104.73	119.18	154.92	165.35	210.62	239.56	202.48	186.73	192.62	196.52	149.63	191.29	213.77	366.43	250.96	212.16	199.78	188.51	179.50	140.91
24011	6.94	6.77	6.31	5.89	6.03	6.32	6.11	5.59	6.44	7.03	7.74	7.16	7.31	7.02	6.30	5.44	5.78	6.54	6.07	5.43	5.95	4.64	4.58	4.53
	-59.15	-17.88	-68.58	-31.63	-27.73	-38.54	-78.53	-94.71	-132.64	-155.27	-108.77	-97.25	-103.15	-109.69	-69.21	-123.36	-142.28	-287.26	-175.90	-145.07	-123.84	-128.03	-119.08	-80.42
ADK RESOURCE___RCVRY	148.31	105.51	149.66	108.07	105.03	119.56	155.61	166.14	211.70	240.73	203.25	187.33	193.26	197.19	149.90	191.85	214.41	367.96	251.70	212.63	200.28	188.96	179.87	140.99
23798	7.18	6.93	6.45	6.10	6.17	6.46	6.33	5.86	6.72	7.34	8.00	7.41	7.55	7.26	6.52	5.63	5.98	6.76	6.34	5.61	6.16	4.80	4.69	4.64
	-59.51	-17.98	-68.99	-31.82	-27.89	-38.77	-79.00	-95.24	-133.44	-156.13	-109.28	-97.60	-103.55	-110.13	-69.25	-123.73	-142.72	-288.57	-176.36	-145.36	-124.13	-128.31	-119.33	-80.39
ADK S GLENS___FALLS	147.71	105.24	149.10	107.68	104.73	119.18	154.92	165.35	210.62	239.56	202.48	186.73	192.62	196.52	149.63	191.29	213.77	366.43	250.96	212.16	199.78	188.51	179.50	140.91
24028	6.94	6.77	6.31	5.89	6.03	6.32	6.11	5.59	6.44	7.03	7.74	7.16	7.31	7.02	6.30	5.44	5.78	6.54	6.07	5.43	5.95	4.64	4.58	4.53
	-59.15	-17.88	-68.58	-31.63	-27.73	-38.54	-78.53	-94.71	-132.64	-155.27	-108.77	-97.25	-103.15	-109.69	-69.21	-123.36	-142.28	-287.26	-175.90	-145.07	-123.84	-128.03	-119.08	-80.42
ADK_NYS___DAM	129.10	99.05	127.58	97.39	95.61	106.85	130.67	138.15	169.93	195.57	175.53	167.68	171.07	173.34	146.14	171.48	190.90	294.33	221.26	191.73	180.02	168.83	161.77	137.35
23527	6.12	5.96	5.41	5.12	5.25	5.58	5.49	4.94	5.65	6.10	6.19	5.93	5.75	5.67	5.26	4.37	4.86	5.52	5.18	4.63	5.04	3.97	3.97	3.92
	-41.36	-12.50	-47.95	-22.12	-19.38	-26.95	-54.90	-68.17	-92.74	-112.21	-83.36	-79.43	-83.17	-87.87	-66.75	-104.62	-120.33	-216.18	-147.10	-125.44	-104.99	-109.02	-101.95	-77.47
AIR_PRODUCTS___DRP	114.57	92.84	111.71	88.85	87.73	96.67	112.51	118.51	140.98	164.58	156.85	154.44	156.57	157.65	143.97	159.11	176.14	246.89	202.20	179.01	167.22	156.61	150.80	135.83
24190	3.10	3.22	2.89	2.74	2.77	2.90	2.60	2.28	2.50	2.70	3.35	3.21	3.20	3.11	2.89	2.44	2.37	2.54	2.35	2.16	2.59	2.07	2.18	2.07
	-29.85	-9.02	-34.61	-15.96	-13.99	-19.45	-39.63	-51.19	-66.93	-84.61	-67.53	-68.91	-71.21	-74.74	-66.96	-94.18	-108.06	-171.71	-130.87	-115.19	-94.64	-98.69	-92.77	-77.80
AKWESSNE_115KV_BK	80.72	79.71	73.62	69.66	70.47	73.58	69.58	64.53	70.75	76.33	84.77	81.25	81.09	78.93	73.09	61.68	64.79	70.96	67.33	60.31	68.73	55.18	55.23	55.29
355683	-0.90	-0.89	-0.59	-0.49	-0.50	-0.74	-0.70	-0.52	-0.79	-0.93	-1.20	-1.07	-1.07	-0.88	-1.04	-0.81	-0.92	-1.67	-1.66	-1.36	-1.26	-0.67	-0.61	-0.67
	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	107.74	91.42	103.53	85.54	84.88	92.42	102.88	107.46	124.08	146.14	146.13	147.04	148.21	148.54	143.46	151.25	167.07	216.07	190.10	170.84	159.40	148.51	143.54	134.93
323833	4.16	4.19	3.86	3.65	3.62	3.79	3.44	2.99	3.29	3.40	3.96	3.79	3.78	3.75	3.56	3.00	3.15	3.41	3.24	2.90	3.29	2.57	2.68	2.63
	-21.96	-6.64	-25.46	-11.75	-10.29	-14.31	-29.16	-39.42	-49.25	-65.48	-56.20	-60.94	-62.28	-64.98	-65.78	-85.76	-98.21	-140.02	-117.86	-106.27	-86.12	-90.09	-85.02	-76.34
ALBANY_2_SOLAR	107.73	91.33	103.44	85.46	84.88	92.41	102.87	107.38	124.06	146.11	146.03	147.04	148.20	148.53	143.40	151.24	167.00	216.03	190.02	170.83	159.39	148.50	143.54	134.89
323834	4.16	4.11	3.78	3.58	3.62	3.79	3.44	2.93	3.29	3.40	3.87	3.79	3.78	3.75	3.48	3.00	3.09	3.41	3.18	2.90	3.29	2.57	2.68	2.58
	-21.95	-6.63	-25.45	-11.74	-10.29	-14.30	-29.14	-39.40	-49.22	-65.46	-56.19	-60.93	-62.27	-64.97	-65.79	-85.75	-98.20	-139.98	-117.86	-106.27	-86.11	-90.09	-85.01	-76.35
ALBANY___1	114.57	92.84	111.71	88.85	87.73	96.67	112.51	118.51	140.98	164.58	156.85	154.44	156.57	157.65	143.97	159.11	176.14	246.89	202.20	179.01	167.22	156.61	150.80	135.83
23571	3.10	3.22	2.89	2.74	2.77	2.90	2.60	2.28	2.50	2.70	3.35	3.21	3.20	3.11	2.89	2.44	2.37	2.54	2.35	2.16	2.59	2.07	2.18	2.07
	-29.85	-9.02	-34.61	-15.96	-13.99	-19.45	-39.63	-51.19	-66.93	-84.61	-67.53	-68.91	-71.21	-74.74	-66.96	-94.18	-108.06	-171.71	-130.87	-115.19	-94.64	-98.69	-92.77	-77.80

ALBANY___2 23572	114.57 3.10 -29.85	92.84 3.22 -9.02	111.71 2.89 -34.61	88.85 2.74 -15.96	87.73 2.77 -13.99	96.67 2.90 -19.45	112.51 2.60 -39.63	118.51 2.28 -51.19	140.98 2.50 -66.93	164.58 2.70 -84.61	156.85 3.35 -67.53	154.44 3.21 -68.91	156.57 3.20 -71.21	157.65 3.11 -74.74	143.97 2.89 -66.96	159.11 2.44 -94.18	176.14 2.37 -108.06	246.89 2.54 -171.71	202.20 2.35 -130.87	179.01 2.16 -115.19	167.22 2.59 -94.64	156.61 2.07 -98.69	150.80 2.18 -92.77	135.83 2.07 -77.80
ALBANY___3 23573	114.57 3.10 -29.85	92.84 3.22 -9.02	111.71 2.89 -34.61	88.85 2.74 -15.96	87.73 2.77 -13.99	96.67 2.90 -19.45	112.51 2.60 -39.63	118.51 2.28 -51.19	140.98 2.50 -66.93	164.58 2.70 -84.61	156.85 3.35 -67.53	154.44 3.21 -68.91	156.57 3.20 -71.21	157.65 3.11 -74.74	143.97 2.89 -66.96	159.11 2.44 -94.18	176.14 2.37 -108.06	246.89 2.54 -171.71	202.20 2.35 -130.87	179.01 2.16 -115.19	167.22 2.59 -94.64	156.61 2.07 -98.69	150.80 2.18 -92.77	135.83 2.07 -77.80
ALBANY___4 23574	114.57 3.10 -29.85	92.84 3.22 -9.02	111.71 2.89 -34.61	88.85 2.74 -15.96	87.73 2.77 -13.99	96.67 2.90 -19.45	112.51 2.60 -39.63	118.51 2.28 -51.19	140.98 2.50 -66.93	164.58 2.70 -84.61	156.85 3.35 -67.53	154.44 3.21 -68.91	156.57 3.20 -71.21	157.65 3.11 -74.74	143.97 2.89 -66.96	159.11 2.44 -94.18	176.14 2.37 -108.06	246.89 2.54 -171.71	202.20 2.35 -130.87	179.01 2.16 -115.19	167.22 2.59 -94.64	156.61 2.07 -98.69	150.80 2.18 -92.77	135.83 2.07 -77.80
ALBANY___LFGE 323615	124.03 3.76 -38.66	96.06 3.79 -11.68	122.52 3.49 -44.82	94.12 3.30 -20.68	92.43 3.34 -18.12	103.01 3.49 -25.19	124.77 3.17 -51.32	132.12 2.80 -64.27	161.46 3.22 -86.69	186.58 3.48 -105.85	170.01 4.13 -79.91	163.68 3.95 -77.41	166.89 3.94 -80.79	168.86 3.83 -85.22	145.28 3.56 -67.60	168.40 3.00 -102.92	187.04 3.02 -118.31	282.22 3.27 -206.31	216.26 3.03 -144.24	188.38 2.71 -124.01	176.51 3.22 -103.29	165.74 2.52 -107.38	159.03 2.63 -100.55	136.94 2.52 -78.46
ALCOA_PA_115KV_PL-6C 55860	81.13 -0.49 0.00	80.19 -0.40 0.00	74.06 -0.15 0.00	70.08 -0.07 0.00	70.83 -0.14 0.00	73.95 -0.37 0.00	70.00 -0.28 0.00	64.85 -0.20 0.00	71.11 -0.43 0.00	76.72 -0.54 0.00	85.03 -0.95 0.00	81.58 -0.74 0.00	81.33 -0.82 0.00	79.25 -0.56 0.00	73.38 -0.74 0.00	61.93 -0.56 0.00	64.99 -0.72 0.00	71.18 -1.45 0.00	67.47 -1.52 0.00	60.43 -1.23 0.00	68.94 -1.05 0.00	55.40 -0.45 0.00	55.46 -0.39 0.00	55.51 -0.45 0.00
ALCOA_RYNLDS___DRP 24188	81.13 -0.49 0.00	80.19 -0.40 0.00	74.06 -0.15 0.00	70.08 -0.07 0.00	70.83 -0.14 0.00	73.95 -0.37 0.00	70.00 -0.28 0.00	64.85 -0.20 0.00	71.11 -0.43 0.00	76.72 -0.54 0.00	85.03 -0.95 0.00	81.58 -0.74 0.00	81.33 -0.82 0.00	79.25 -0.56 0.00	73.38 -0.74 0.00	61.93 -0.56 0.00	64.99 -0.72 0.00	71.18 -1.45 0.00	67.47 -1.52 0.00	60.43 -1.23 0.00	68.94 -1.05 0.00	55.40 -0.45 0.00	55.46 -0.39 0.00	55.51 -0.45 0.00
ALCOA___DSASP 323711	80.96 -0.66 0.00	80.11 -0.48 0.00	73.92 -0.30 0.00	70.08 -0.07 0.00	70.83 -0.14 0.00	73.95 -0.37 0.00	69.86 -0.42 0.00	64.85 -0.19 0.00	71.11 -0.43 0.00	76.72 -0.54 0.00	85.03 -0.94 0.00	81.58 -0.74 0.00	81.49 -0.66 0.00	79.25 -0.55 0.00	73.38 -0.74 0.00	61.93 -0.56 0.00	64.99 -0.72 0.00	71.18 -1.45 0.00	67.47 -1.52 0.00	60.43 -1.23 0.00	68.94 -1.05 0.00	55.40 -0.45 0.00	55.46 -0.39 0.00	55.51 -0.45 0.00
ALLEGHENY___COGEN 23514	80.64 -0.98 0.00	79.54 -1.05 0.00	73.32 -0.89 0.00	68.89 -1.26 0.00	69.62 -1.35 0.00	72.76 -1.56 0.00	68.45 -1.83 0.00	64.08 -2.08 -1.12	68.75 -2.79 0.00	79.71 -0.85 -3.30	88.26 -1.55 -3.84	87.97 -1.65 -7.30	86.10 -2.21 -6.16	84.33 -2.08 -6.60	83.10 -1.56 -10.54	70.64 -1.19 -9.33	78.42 -0.46 -13.17	83.40 1.02 -9.75	84.10 1.04 -14.08	76.09 0.98 -13.44	81.17 0.63 -10.54	59.75 -0.39 -4.29	66.10 -0.33 -10.59	67.44 0.50 -10.98
ALTAMONT_115KV_TB 2 55880	107.90 3.18 -23.10	90.72 3.14 -6.98	103.89 2.89 -26.78	85.24 2.74 -12.35	84.56 2.77 -10.83	92.27 2.90 -15.05	103.69 2.74 -30.67	108.73 2.47 -41.21	126.20 2.86 -51.80	148.76 3.09 -68.41	147.68 3.52 -58.19	148.26 3.29 -62.65	149.54 3.29 -64.10	149.93 3.19 -66.93	144.03 3.04 -66.87	152.93 2.56 -87.88	169.00 2.63 -100.66	220.98 2.91 -145.44	192.79 2.76 -121.04	172.99 2.47 -108.86	161.13 2.80 -88.34	150.41 2.18 -92.39	145.23 2.23 -87.15	135.85 2.18 -77.70
ALTONA_WT_PWR 323606	81.62 0.00 0.00	80.83 0.24 0.00	74.66 0.45 0.00	70.85 0.70 0.00	71.68 0.71 0.00	74.77 0.45 0.00	70.28 0.00 0.00	65.24 0.20 0.00	71.47 -0.07 0.00	77.18 -0.08 0.00	85.54 -0.43 0.00	81.99 -0.33 0.00	81.99 -0.16 0.00	79.65 -0.16 0.00	73.68 -0.44 0.00	62.12 -0.37 0.00	65.18 -0.53 0.00	71.33 -1.31 0.00	67.47 -1.52 0.00	60.43 -1.23 0.00	68.94 -1.05 0.00	55.29 -0.56 0.00	55.34 -0.50 0.00	55.79 -0.17 0.00
AMERICAN_REF_FUEL 24010	75.49 -6.12 0.00	74.63 -5.96 0.00	68.80 -5.41 0.00	64.68 -5.47 0.00	65.36 -5.61 0.00	68.23 -6.09 0.00	63.60 -6.68 0.00	58.59 -7.48 -1.02	62.81 -8.73 0.00	70.49 -9.74 -2.97	79.05 -10.83 -3.91	78.94 -10.13 -6.75	77.69 -10.44 -5.98	75.94 -10.14 -6.27	74.53 -9.19 -9.60	63.66 -8.00 -9.17	69.45 -8.22 -11.96	73.38 -7.92 -8.66	73.87 -7.66 -12.54	67.06 -6.60 -12.00	71.49 -7.91 -9.40	54.37 -7.15 -5.67	58.59 -6.70 -9.44	60.81 -4.98 -9.83
ARKWRIGHT___SUMMIT_WT_PWR 323751	78.76 -2.86 0.00	77.93 -2.66 0.00	71.76 -2.45 0.00	67.34 -2.81 0.00	67.99 -2.98 0.00	70.90 -3.42 0.00	66.49 -3.80 0.00	60.91 -5.27 -1.13	66.10 -5.44 0.00	74.48 -6.11 -3.33	82.13 -8.08 -4.24	82.32 -7.49 -7.49	80.81 -7.89 -6.55	79.13 -7.58 -6.91	77.97 -6.82 -10.67	66.61 -5.88 -10.00	73.12 -5.91 -13.32	77.21 -5.30 -9.88	78.07 -5.18 -14.26	70.84 -4.44 -13.62	75.29 -5.39 -10.68	56.64 -5.14 -5.93	61.83 -4.75 -10.73	63.90 -3.19 -11.13
ARTHUR KILL_GT_1 23520	147.50 5.06 -60.82	144.08 4.75 -58.74	144.54 4.82 -65.51	77.84 4.70 -2.99	144.57 4.76 -68.84	144.62 5.12 -65.17	145.82 5.06 -70.48	148.63 4.17 -79.42	148.73 4.93 -72.25	192.05 5.49 -109.31	151.74 6.53 -59.23	148.82 6.09 -60.41	148.81 6.16 -60.49	148.79 5.91 -63.08	151.64 5.63 -71.89	151.63 4.81 -84.32	234.06 5.06 -163.29	253.10 5.81 -174.65	260.09 5.72 -185.38	251.30 4.99 -184.65	213.66 5.74 -137.93	152.68 4.41 -92.43	148.80 4.19 -88.76	147.39 3.97 -87.45
ARTHUR_KILL_2 23512	147.25 4.81 -60.82	143.84 4.51 -58.74	144.33 4.60 -65.51	77.63 4.49 -2.99	144.43 4.61 -68.84	144.40 4.90 -65.17	145.60 4.85 -70.48	148.43 3.97 -79.42	148.52 4.72 -72.25	191.82 5.26 -109.31	151.48 6.27 -59.23	148.57 5.85 -60.41	148.56 5.92 -60.49	148.55 5.67 -63.08	151.42 5.41 -71.89	151.44 4.62 -84.32	233.86 4.86 -163.29	252.81 5.52 -174.65	259.81 5.45 -185.38	251.06 4.75 -184.65	213.38 5.46 -137.93	152.51 4.24 -92.43	148.63 4.02 -88.76	147.22 3.81 -87.45
ARTHUR_KILL_3 23513	146.83 4.40 -60.81	143.43 4.11 -58.73	143.43 3.71 -65.51	76.64 3.51 -2.99	143.43 3.62 -68.84	143.43 3.94 -65.17	144.83 4.07 -70.47	148.23 3.77 -79.41	148.23 4.44 -72.25	151.31 5.02 -69.03	151.05 5.85 -59.23	148.24 5.52 -60.41	148.23 5.59 -60.49	148.23 5.35 -63.08	151.05 5.04 -71.88	151.06 4.25 -84.32	152.06 4.53 -81.82	152.06 5.08 -74.34	155.25 4.90 -81.36	152.06 4.31 -86.08	152.06 4.97 -77.10	152.06 3.80 -92.41	148.23 3.63 -88.76	146.82 3.41 -87.44

ARTHUR_KILL_COGEN 323718	147.50 5.06 -60.82	144.08 4.75 -58.74	144.54 4.82 -65.51	77.84 4.70 -2.99	144.57 4.76 -68.84	144.62 5.12 -65.17	145.82 5.06 -70.48	148.63 4.17 -79.42	148.73 4.93 -72.25	192.05 5.49 -109.31	151.74 6.53 -59.23	148.82 6.09 -60.41	148.81 6.16 -60.49	148.79 5.91 -63.08	151.64 5.63 -71.89	151.63 4.81 -84.32	234.06 5.06 -163.29	253.10 5.81 -174.65	260.09 5.72 -185.38	251.30 4.99 -184.65	213.66 5.74 -137.93	152.68 4.41 -92.43	148.80 4.19 -88.76	147.39 3.97 -87.45
ASHOKAN____ 23654	100.99 2.53 -16.83	88.26 2.58 -5.09	96.03 2.30 -19.52	81.54 2.39 -9.00	81.20 2.34 -7.89	88.04 2.75 -10.97	95.30 2.67 -22.35	98.83 2.41 -31.38	112.30 3.00 -37.75	132.78 3.17 -52.35	136.48 3.09 -47.41	138.70 2.88 -53.50	139.25 2.79 -54.30	138.88 2.63 -56.45	138.16 2.66 -61.37	141.59 2.43 -76.66	156.68 3.28 -87.69	192.64 3.56 -116.45	177.01 3.31 -104.71	160.22 2.78 -95.78	149.69 2.73 -76.98	138.37 1.84 -80.68	134.17 2.01 -76.31	128.73 1.56 -71.20
ASTORIA_EAST_ENERGY_CC1 323581	92.58 5.47 -5.50	87.42 5.16 -1.67	85.10 4.53 -6.36	77.36 4.28 -2.93	77.87 4.33 -2.57	82.66 4.76 -3.58	82.28 4.71 -7.28	83.11 4.17 -13.90	88.85 5.01 -12.30	106.90 5.72 -23.92	121.80 6.62 -29.21	127.30 6.01 -38.97	126.73 6.08 -38.50	125.00 5.75 -39.44	134.23 5.49 -54.62	126.83 4.75 -59.59	138.57 4.99 -67.87	145.40 5.67 -67.10	154.35 5.45 -79.92	143.38 4.87 -76.85	135.64 5.60 -60.05	123.56 4.36 -63.36	120.44 4.19 -60.41	123.58 3.97 -63.64
ASTORIA_EAST_ENERGY_CC2 323582	92.58 5.47 -5.50	87.49 5.24 -1.67	85.18 4.60 -6.36	77.44 4.35 -2.93	77.94 4.40 -2.57	82.73 4.83 -3.58	82.35 4.78 -7.28	83.11 4.17 -13.90	88.85 5.01 -12.30	106.98 5.80 -23.92	121.80 6.62 -29.21	127.30 6.01 -38.97	126.82 6.16 -38.50	125.07 5.82 -39.44	134.23 5.49 -54.62	126.83 4.75 -59.59	138.57 4.99 -67.87	145.40 5.67 -67.10	154.35 5.45 -79.92	143.38 4.87 -76.85	135.64 5.60 -60.05	123.62 4.41 -63.36	120.50 4.24 -60.41	123.58 3.97 -63.64
ASTORIA_GT2_1 24094	92.99 5.88 -5.50	87.82 5.56 -1.67	85.40 4.82 -6.36	77.64 4.56 -2.93	78.23 4.68 -2.57	82.95 5.05 -3.58	82.70 5.13 -7.28	83.11 4.16 -13.90	88.78 4.94 -12.30	106.98 5.79 -23.92	121.89 6.71 -29.21	127.31 6.01 -38.98	126.82 6.16 -38.50	125.15 5.91 -39.44	134.31 5.56 -54.63	126.83 4.75 -59.59	138.64 5.06 -67.87	145.64 5.74 -67.26	154.61 5.52 -80.10	143.61 4.93 -77.02	135.84 5.67 -60.18	123.70 4.36 -63.50	120.63 4.24 -60.54	123.71 3.97 -63.78
ASTORIA_GT2_2 24095	92.99 5.88 -5.50	87.82 5.56 -1.67	85.40 4.82 -6.36	77.64 4.56 -2.93	78.23 4.68 -2.57	82.95 5.05 -3.58	82.70 5.13 -7.28	83.11 4.16 -13.90	88.78 4.94 -12.30	106.98 5.79 -23.92	121.89 6.71 -29.21	127.31 6.01 -38.98	126.82 6.16 -38.50	125.15 5.91 -39.44	134.31 5.56 -54.63	126.83 4.75 -59.59	138.64 5.06 -67.87	145.64 5.74 -67.26	154.61 5.52 -80.10	143.61 4.93 -77.02	135.84 5.67 -60.18	123.70 4.36 -63.50	120.63 4.24 -60.54	123.71 3.97 -63.78
ASTORIA_GT2_3 24096	92.99 5.88 -5.50	87.82 5.56 -1.67	85.40 4.82 -6.36	77.64 4.56 -2.93	78.23 4.68 -2.57	82.95 5.05 -3.58	82.70 5.13 -7.28	83.11 4.16 -13.90	88.78 4.94 -12.30	106.98 5.79 -23.92	121.89 6.71 -29.21	127.31 6.01 -38.98	126.82 6.16 -38.50	125.15 5.91 -39.44	134.31 5.56 -54.63	126.83 4.75 -59.59	138.64 5.06 -67.87	145.64 5.74 -67.26	154.61 5.52 -80.10	143.61 4.93 -77.02	135.84 5.67 -60.18	123.70 4.36 -63.50	120.63 4.24 -60.54	123.71 3.97 -63.78
ASTORIA_GT2_4 24097	92.99 5.88 -5.50	87.82 5.56 -1.67	85.40 4.82 -6.36	77.64 4.56 -2.93	78.23 4.68 -2.57	82.95 5.05 -3.58	82.70 5.13 -7.28	83.11 4.16 -13.90	88.78 4.94 -12.30	106.98 5.79 -23.92	121.89 6.71 -29.21	127.31 6.01 -38.98	126.82 6.16 -38.50	125.15 5.91 -39.44	134.31 5.56 -54.63	126.83 4.75 -59.59	138.64 5.06 -67.87	145.64 5.74 -67.26	154.61 5.52 -80.10	143.61 4.93 -77.02	135.84 5.67 -60.18	123.70 4.36 -63.50	120.63 4.24 -60.54	123.71 3.97 -63.78
ASTORIA_GT3_1 24098	92.99 5.88 -5.50	87.82 5.56 -1.67	85.40 4.82 -6.36	77.64 4.56 -2.93	78.23 4.68 -2.57	82.95 5.05 -3.58	82.70 5.13 -7.28	83.11 4.16 -13.90	88.78 4.94 -12.30	106.98 5.79 -23.92	121.89 6.71 -29.21	127.31 6.01 -38.98	126.82 6.16 -38.50	125.15 5.91 -39.44	134.31 5.56 -54.63	126.83 4.75 -59.59	138.64 5.06 -67.87	145.64 5.74 -67.26	154.61 5.52 -80.10	143.61 4.93 -77.02	135.84 5.67 -60.18	123.70 4.36 -63.50	120.63 4.24 -60.54	123.71 3.97 -63.78
ASTORIA_GT3_2 24099	92.99 5.88 -5.50	87.82 5.56 -1.67	85.40 4.82 -6.36	77.64 4.56 -2.93	78.23 4.68 -2.57	82.95 5.05 -3.58	82.70 5.13 -7.28	83.11 4.16 -13.90	88.78 4.94 -12.30	106.98 5.79 -23.92	121.89 6.71 -29.21	127.31 6.01 -38.98	126.82 6.16 -38.50	125.15 5.91 -39.44	134.31 5.56 -54.63	126.83 4.75 -59.59	138.64 5.06 -67.87	145.64 5.74 -67.26	154.61 5.52 -80.10	143.61 4.93 -77.02	135.84 5.67 -60.18	123.70 4.36 -63.50	120.63 4.24 -60.54	123.71 3.97 -63.78
ASTORIA_GT3_3 24100	92.99 5.88 -5.50	87.82 5.56 -1.67	85.40 4.82 -6.36	77.64 4.56 -2.93	78.23 4.68 -2.57	82.95 5.05 -3.58	82.70 5.13 -7.28	83.11 4.16 -13.90	88.78 4.94 -12.30	106.98 5.79 -23.92	121.89 6.71 -29.21	127.31 6.01 -38.98	126.82 6.16 -38.50	125.15 5.91 -39.44	134.31 5.56 -54.63	126.83 4.75 -59.59	138.64 5.06 -67.87	145.64 5.74 -67.26	154.61 5.52 -80.10	143.61 4.93 -77.02	135.84 5.67 -60.18	123.70 4.36 -63.50	120.63 4.24 -60.54	123.71 3.97 -63.78
ASTORIA_GT3_4 24101	92.99 5.88 -5.50	87.82 5.56 -1.67	85.40 4.82 -6.36	77.64 4.56 -2.93	78.23 4.68 -2.57	82.95 5.05 -3.58	82.70 5.13 -7.28	83.11 4.16 -13.90	88.78 4.94 -12.30	106.98 5.79 -23.92	121.89 6.71 -29.21	127.31 6.01 -38.98	126.82 6.16 -38.50	125.15 5.91 -39.44	134.31 5.56 -54.63	126.83 4.75 -59.59	138.64 5.06 -67.87	145.64 5.74 -67.26	154.61 5.52 -80.10	143.61 4.93 -77.02	135.84 5.67 -60.18	123.70 4.36 -63.50	120.63 4.24 -60.54	123.71 3.97 -63.78
ASTORIA_GT4_1 24102	92.99 5.88 -5.50	87.82 5.56 -1.67	85.40 4.82 -6.36	77.64 4.56 -2.93	78.23 4.68 -2.57	82.95 5.05 -3.58	82.70 5.13 -7.28	83.11 4.16 -13.90	88.78 4.94 -12.30	106.98 5.79 -23.92	121.89 6.71 -29.21	127.31 6.01 -38.98	126.82 6.16 -38.50	125.15 5.91 -39.44	134.31 5.56 -54.63	126.83 4.75 -59.59	138.64 5.06 -67.87	145.64 5.74 -67.26	154.61 5.52 -80.10	143.61 4.93 -77.02	135.84 5.67 -60.18	123.70 4.36 -63.50	120.63 4.24 -60.54	123.71 3.97 -63.78
ASTORIA_GT4_2 24103	92.99 5.88 -5.50	87.82 5.56 -1.67	85.40 4.82 -6.36	77.64 4.56 -2.93	78.23 4.68 -2.57	82.95 5.05 -3.58	82.70 5.13 -7.28	83.11 4.16 -13.90	88.78 4.94 -12.30	106.98 5.79 -23.92	121.89 6.71 -29.21	127.31 6.01 -38.98	126.82 6.16 -38.50	125.15 5.91 -39.44	134.31 5.56 -54.63	126.83 4.75 -59.59	138.64 5.06 -67.87	145.64 5.74 -67.26	154.61 5.52 -80.10	143.61 4.93 -77.02	135.84 5.67 -60.18	123.70 4.36 -63.50	120.63 4.24 -60.54	123.71 3.97 -63.78
ASTORIA_GT4_3 24104	92.99 5.88 -5.50	87.82 5.56 -1.67	85.40 4.82 -6.36	77.64 4.56 -2.93	78.23 4.68 -2.57	82.95 5.05 -3.58	82.70 5.13 -7.28	83.11 4.16 -13.90	88.78 4.94 -12.30	106.98 5.79 -23.92	121.89 6.71 -29.21	127.31 6.01 -38.98	126.82 6.16 -38.50	125.15 5.91 -39.44	134.31 5.56 -54.63	126.83 4.75 -59.59	138.64 5.06 -67.87	145.64 5.74 -67.26	154.61 5.52 -80.10	143.61 4.93 -77.02	135.84 5.67 -60.18	123.70 4.36 -63.50	120.63 4.24 -60.54	123.71 3.97 -63.78

ASTORIA_GT4_4 24105	92.99 5.88 -5.50	87.82 5.56 -1.67	85.40 4.82 -6.36	77.64 4.56 -2.93	78.23 4.68 -2.57	82.95 5.05 -3.58	82.70 5.13 -7.28	83.11 4.16 -13.90	88.78 4.94 -12.30	106.98 5.79 -23.92	121.89 6.71 -29.21	127.31 6.01 -38.98	126.82 6.16 -38.50	125.15 5.91 -39.44	134.31 5.56 -54.63	126.83 4.75 -59.59	138.64 5.06 -67.87	145.64 5.74 -67.26	154.61 5.52 -80.10	143.61 4.93 -77.02	135.84 5.67 -60.18	123.70 4.36 -63.50	120.63 4.24 -60.54	123.71 3.97 -63.78
ASTORIA_GT_1 23523	92.74 5.63 -5.50	87.58 5.32 -1.67	85.33 4.75 -6.36	77.51 4.42 -2.93	78.09 4.55 -2.57	82.80 4.90 -3.58	82.48 4.92 -7.28	83.24 4.29 -13.90	89.07 5.22 -12.30	107.13 5.95 -23.92	122.06 6.88 -29.21	127.47 6.18 -38.97	126.98 6.33 -38.50	125.23 5.99 -39.44	134.45 5.71 -54.62	126.96 4.88 -59.59	138.77 5.19 -67.87	145.61 5.88 -67.10	154.56 5.66 -79.92	143.57 5.06 -76.85	135.84 5.81 -60.05	123.73 4.52 -63.36	120.61 4.36 -60.41	123.69 4.08 -63.64
ASTORIA_GT_10 24110	92.50 5.39 -5.50	87.34 5.08 -1.67	85.03 4.45 -6.36	77.36 4.28 -2.93	77.87 4.33 -2.57	82.58 4.68 -3.58	82.42 4.85 -7.28	83.24 4.29 -13.90	88.93 5.08 -12.30	106.98 5.79 -23.92	121.89 6.71 -29.21	127.64 6.34 -38.98	126.98 6.33 -38.50	125.39 6.14 -39.44	134.53 5.78 -54.63	126.96 4.87 -59.59	138.77 5.19 -67.87	145.78 5.88 -67.26	154.74 5.66 -80.10	143.68 4.99 -77.02	135.91 5.74 -60.18	123.76 4.41 -63.50	120.57 4.19 -60.54	123.71 3.97 -63.78
ASTORIA_GT_11 24225	92.50 5.39 -5.50	87.34 5.08 -1.67	85.03 4.45 -6.36	77.36 4.28 -2.93	77.87 4.33 -2.57	82.58 4.68 -3.58	82.42 4.85 -7.28	83.24 4.29 -13.90	88.93 5.08 -12.30	106.98 5.79 -23.92	121.89 6.71 -29.21	127.64 6.34 -38.98	126.98 6.33 -38.50	125.39 6.14 -39.44	134.53 5.78 -54.63	126.96 4.87 -59.59	138.77 5.19 -67.87	145.78 5.88 -67.26	154.74 5.66 -80.10	143.68 4.99 -77.02	135.91 5.74 -60.18	123.76 4.41 -63.50	120.57 4.19 -60.54	123.71 3.97 -63.78
ASTORIA_GT_12 24226	92.50 5.39 -5.50	87.34 5.08 -1.67	85.03 4.45 -6.36	77.36 4.28 -2.93	77.87 4.33 -2.57	82.58 4.68 -3.58	82.42 4.85 -7.28	83.24 4.29 -13.90	88.93 5.08 -12.30	106.98 5.79 -23.92	121.89 6.71 -29.21	127.64 6.34 -38.98	126.98 6.33 -38.50	125.39 6.14 -39.44	134.53 5.78 -54.63	126.96 4.87 -59.59	138.77 5.19 -67.87	145.78 5.88 -67.26	154.74 5.66 -80.10	143.68 4.99 -77.02	135.91 5.74 -60.18	123.76 4.41 -63.50	120.57 4.19 -60.54	123.71 3.97 -63.78
ASTORIA_GT_13 24227	92.50 5.39 -5.50	87.34 5.08 -1.67	85.03 4.45 -6.36	77.36 4.28 -2.93	77.87 4.33 -2.57	82.58 4.68 -3.58	82.42 4.85 -7.28	83.24 4.29 -13.90	88.93 5.08 -12.30	106.98 5.79 -23.92	121.89 6.71 -29.21	127.64 6.34 -38.98	126.98 6.33 -38.50	125.39 6.14 -39.44	134.53 5.78 -54.63	126.96 4.87 -59.59	138.77 5.19 -67.87	145.78 5.88 -67.26	154.74 5.66 -80.10	143.68 4.99 -77.02	135.91 5.74 -60.18	123.76 4.41 -63.50	120.57 4.19 -60.54	123.71 3.97 -63.78
ASTORIA_GT_5 24106	93.15 6.04 -5.50	87.98 5.72 -1.67	85.55 4.97 -6.36	77.78 4.70 -2.93	78.30 4.75 -2.57	83.03 5.13 -3.58	82.84 5.27 -7.28	83.24 4.29 -13.90	88.93 5.08 -12.30	107.13 5.95 -23.92	122.06 6.88 -29.21	127.47 6.17 -38.98	126.98 6.33 -38.50	125.31 6.07 -39.44	134.46 5.71 -54.63	126.89 4.81 -59.59	138.77 5.19 -67.87	145.78 5.88 -67.26	154.74 5.66 -80.10	143.74 5.06 -77.02	135.98 5.81 -60.18	123.81 4.47 -63.50	120.74 4.36 -60.54	123.82 4.09 -63.78
ASTORIA_GT_7 24107	93.15 6.04 -5.50	87.98 5.72 -1.67	85.55 4.97 -6.36	77.78 4.70 -2.93	78.30 4.75 -2.57	83.03 5.13 -3.58	82.84 5.27 -7.28	83.24 4.29 -13.90	88.93 5.08 -12.30	107.13 5.95 -23.92	122.06 6.88 -29.21	127.47 6.17 -38.98	126.98 6.33 -38.50	125.31 6.07 -39.44	134.46 5.71 -54.63	126.89 4.81 -59.59	138.77 5.19 -67.87	145.78 5.88 -67.26	154.74 5.66 -80.10	143.74 5.06 -77.02	135.98 5.81 -60.18	123.81 4.47 -63.50	120.74 4.36 -60.54	123.82 4.09 -63.78
ASTORIA_GT_8 24108	93.15 6.04 -5.50	87.98 5.72 -1.67	85.55 4.97 -6.36	77.78 4.70 -2.93	78.30 4.75 -2.57	83.03 5.13 -3.58	82.84 5.27 -7.28	83.24 4.29 -13.90	88.93 5.08 -12.30	107.13 5.95 -23.92	122.06 6.88 -29.21	127.47 6.17 -38.98	126.98 6.33 -38.50	125.31 6.07 -39.44	134.46 5.71 -54.63	126.89 4.81 -59.59	138.77 5.19 -67.87	145.78 5.88 -67.26	154.74 5.66 -80.10	143.74 5.06 -77.02	135.98 5.81 -60.18	123.81 4.47 -63.50	120.74 4.36 -60.54	123.82 4.09 -63.78
ASTORIA___2 24149	92.58 5.47 -5.50	87.49 5.24 -1.67	85.18 4.60 -6.36	77.44 4.35 -2.93	77.94 4.40 -2.57	82.73 4.83 -3.58	82.35 4.78 -7.28	83.17 4.23 -13.90	88.93 5.08 -12.30	106.98 5.80 -23.92	121.89 6.71 -29.21	127.30 6.01 -38.97	126.82 6.16 -38.50	125.07 5.82 -39.44	134.31 5.56 -54.62	126.83 4.75 -59.59	138.64 5.06 -67.87	145.47 5.74 -67.10	154.43 5.52 -79.92	143.45 4.93 -76.85	135.70 5.67 -60.05	123.62 4.41 -63.36	120.50 4.24 -60.41	123.58 3.97 -63.64
ASTORIA___3 23516	92.50 5.39 -5.50	87.34 5.08 -1.67	85.18 4.60 -6.36	77.44 4.35 -2.93	78.02 4.47 -2.57	82.73 4.83 -3.58	82.41 4.85 -7.28	83.24 4.29 -13.90	89.00 5.15 -12.30	106.98 5.80 -23.92	121.89 6.71 -29.21	127.64 6.34 -38.98	126.98 6.33 -38.50	125.31 6.06 -39.44	134.54 5.79 -54.63	126.96 4.88 -59.59	138.77 5.19 -67.87	145.61 5.88 -67.10	154.56 5.66 -79.92	143.51 4.99 -76.85	135.78 5.74 -60.05	123.62 4.41 -63.36	120.44 4.19 -60.41	123.58 3.97 -63.64
ASTORIA___4 23517	92.50 5.39 -5.50	87.34 5.08 -1.67	85.03 4.45 -6.36	77.36 4.28 -2.93	77.87 4.33 -2.57	82.58 4.68 -3.58	82.42 4.85 -7.28	83.24 4.29 -13.90	88.93 5.08 -12.30	106.98 5.79 -23.92	121.89 6.71 -29.21	127.64 6.34 -38.98	126.98 6.33 -38.50	125.39 6.14 -39.44	134.53 5.78 -54.63	126.96 4.87 -59.59	138.77 5.19 -67.87	145.78 5.88 -67.26	154.74 5.66 -80.10	143.68 4.99 -77.02	135.91 5.74 -60.18	123.76 4.41 -63.50	120.57 4.19 -60.54	123.71 3.97 -63.78
ASTORIA___5 23518	92.50 5.39 -5.50	87.34 5.08 -1.67	85.18 4.60 -6.36	77.44 4.35 -2.93	78.02 4.47 -2.57	82.73 4.83 -3.58	82.41 4.85 -7.28	83.24 4.29 -13.90	89.00 5.15 -12.30	106.98 5.80 -23.92	121.89 6.71 -29.21	127.64 6.34 -38.98	126.98 6.33 -38.50	125.31 6.06 -39.44	134.54 5.79 -54.63	126.96 4.88 -59.59	138.77 5.19 -67.87	145.61 5.88 -67.10	154.56 5.66 -79.92	143.51 4.99 -76.85	135.78 5.74 -60.05	123.62 4.41 -63.36	120.44 4.19 -60.41	123.58 3.97 -63.64
AST_ENERGY_2_CC3 323677	91.92 4.81 -5.49	86.68 4.43 -1.66	84.65 4.08 -6.36	76.94 3.86 -2.93	77.51 3.97 -2.57	82.21 4.31 -3.58	82.00 4.43 -7.28	82.92 3.97 -13.90	88.57 4.72 -12.30	106.51 5.33 -23.92	121.37 6.19 -29.21	127.14 5.85 -38.98	126.57 5.92 -38.50	124.91 5.67 -39.44	134.09 5.34 -54.62	126.58 4.50 -59.59	138.37 4.79 -67.87	145.03 5.30 -67.09	154.00 5.10 -79.91	143.07 4.56 -76.85	135.29 5.25 -60.04	123.22 4.02 -63.36	120.10 3.85 -60.40	123.24 3.64 -63.64
AST_ENERGY_2_CC4 323678	91.92 4.81 -5.49	86.68 4.43 -1.66	84.65 4.08 -6.36	76.94 3.86 -2.93	77.51 3.97 -2.57	82.21 4.31 -3.58	82.00 4.43 -7.28	82.92 3.97 -13.90	88.57 4.72 -12.30	106.51 5.33 -23.92	121.37 6.19 -29.21	127.14 5.85 -38.98	126.57 5.92 -38.50	124.91 5.67 -39.44	134.09 5.34 -54.62	126.58 4.50 -59.59	138.37 4.79 -67.87	145.03 5.30 -67.09	154.00 5.10 -79.91	143.07 4.56 -76.85	135.29 5.25 -60.04	123.22 4.02 -63.36	120.10 3.85 -60.40	123.24 3.64 -63.64

ATHENS_STG_1 23668	89.27 3.43 -4.22	85.25 3.38 -1.28	82.15 3.04 -4.90	75.29 2.88 -2.26	75.93 2.98 -1.98	80.27 3.19 -2.75	79.05 3.17 -5.61	80.46 2.80 -12.62	84.30 3.29 -9.47	102.78 3.63 -21.89	119.58 4.04 -29.57	127.35 3.87 -41.16	126.43 3.86 -40.41	124.82 3.75 -41.26	137.85 3.56 -60.17	129.30 2.94 -63.87	141.56 3.15 -72.69	142.62 3.49 -66.50	157.29 3.31 -84.99	147.21 2.96 -82.59	137.51 3.36 -64.16	126.21 2.57 -67.79	123.16 2.57 -64.74	128.28 2.52 -69.79
ATHENS_STG_2 23670	89.27 3.43 -4.22	85.25 3.38 -1.28	82.15 3.04 -4.90	75.29 2.88 -2.26	75.93 2.98 -1.98	80.27 3.19 -2.75	79.05 3.17 -5.61	80.46 2.80 -12.62	84.30 3.29 -9.47	102.78 3.63 -21.89	119.58 4.04 -29.57	127.35 3.87 -41.16	126.43 3.86 -40.41	124.82 3.75 -41.26	137.85 3.56 -60.17	129.30 2.94 -63.87	141.56 3.15 -72.69	142.62 3.49 -66.50	157.29 3.31 -84.99	147.21 2.96 -82.59	137.51 3.36 -64.16	126.21 2.57 -67.79	123.16 2.57 -64.74	128.28 2.52 -69.79
ATHENS_STG_3 23677	89.27 3.43 -4.22	85.25 3.38 -1.28	82.15 3.04 -4.90	75.29 2.88 -2.26	75.93 2.98 -1.98	80.27 3.19 -2.75	79.05 3.17 -5.61	80.46 2.80 -12.62	84.30 3.29 -9.47	102.78 3.63 -21.89	119.58 4.04 -29.57	127.35 3.87 -41.16	126.43 3.86 -40.41	124.82 3.75 -41.26	137.85 3.56 -60.17	129.30 2.94 -63.87	141.56 3.15 -72.69	142.62 3.49 -66.50	157.29 3.31 -84.99	147.21 2.96 -82.59	137.51 3.36 -64.16	126.21 2.57 -67.79	123.16 2.57 -64.74	128.28 2.52 -69.79
AUBURN___LFGE 323710	81.45 -0.16 0.00	80.43 -0.16 0.00	74.06 -0.15 0.00	69.87 -0.28 0.00	70.69 -0.28 0.00	74.03 -0.30 0.00	70.07 -0.21 0.00	65.65 -0.26 -0.86	71.18 -0.36 0.00	79.22 -0.54 -2.50	89.79 -0.69 -4.51	87.71 -0.66 -6.05	87.61 -0.66 -6.11	85.24 -0.64 -6.07	81.71 -0.52 -8.10	71.72 -0.37 -9.60	75.60 -0.20 -10.09	81.51 0.51 -8.37	81.62 0.55 -12.08	73.69 0.49 -11.54	79.46 0.42 -9.05	67.06 -0.06 -11.27	64.82 -0.11 -9.09	65.49 0.11 -9.42
BABYLON_RES_REC 323704	121.85 7.10 -33.13	96.05 6.77 -8.69	94.49 6.16 -14.12	89.32 5.82 -13.35	89.34 5.96 -12.41	95.24 6.46 -14.45	133.03 6.33 -56.42	142.31 5.66 -71.61	138.17 6.72 -59.91	140.52 7.34 -55.92	164.44 8.08 -70.39	166.86 7.82 -76.72	164.12 7.89 -74.08	167.68 7.59 -80.29	163.08 7.19 -81.77	168.82 6.06 -100.27	176.40 6.57 -104.11	182.83 7.33 -102.86	185.91 7.04 -109.88	176.07 6.17 -108.24	167.90 6.65 -91.26	151.02 5.42 -89.76	144.40 5.25 -83.31	136.77 5.09 -75.72
BABYLON__69_KV_BK2 356345	123.24 8.49 -33.13	97.50 8.22 -8.69	95.76 7.42 -14.12	90.51 7.01 -13.35	90.54 7.17 -12.41	96.51 7.73 -14.45	134.01 7.31 -56.42	143.03 6.37 -71.61	139.32 7.87 -59.91	141.91 8.73 -55.92	165.05 8.68 -70.40	168.34 9.30 -76.72	165.60 9.37 -74.08	169.11 9.02 -80.29	164.42 8.52 -81.77	170.01 7.25 -100.27	177.58 7.75 -104.11	184.38 8.72 -103.02	187.39 8.35 -110.06	177.23 7.15 -108.41	169.58 8.19 -91.40	152.17 6.42 -89.90	145.43 6.14 -83.44	137.80 5.99 -75.85
BALL_HILL_WT_PWR 323825	78.11 -3.51 0.00	77.37 -3.23 0.00	71.24 -2.97 0.00	66.92 -3.23 0.00	67.64 -3.33 0.00	70.53 -3.79 0.00	65.99 -4.29 0.00	60.49 -5.66 -1.10	65.53 -6.01 0.00	73.77 -6.72 -3.24	81.63 -8.51 -4.17	81.72 -7.90 -7.30	80.27 -8.29 -6.41	78.58 -7.98 -6.75	77.33 -7.19 -10.39	65.98 -6.31 -9.80	72.31 -6.37 -12.97	76.32 -5.88 -9.56	77.08 -5.73 -13.82	69.93 -4.94 -13.20	74.39 -5.95 -10.35	56.23 -5.53 -5.91	61.05 -5.19 -10.39	63.06 -3.70 -10.79
BARON_WINDS___WT_PWR 323822	81.57 -1.72 -1.67	79.65 -1.45 -0.51	74.74 -1.41 -1.94	69.29 -1.75 -0.89	69.84 -1.91 -0.78	73.03 -2.38 -1.09	69.83 -2.67 -2.22	65.26 -3.64 -3.86	71.50 -3.79 -3.75	79.77 -4.10 -6.61	85.95 -5.59 -5.56	86.14 -5.27 -9.09	84.53 -5.50 -7.88	83.22 -5.19 -8.61	82.58 -4.60 -13.05	70.15 -3.93 -11.60	78.41 -3.94 -16.64	85.17 -3.56 -16.09	83.64 -3.45 -18.10	76.02 -2.90 -17.25	80.04 -3.50 -13.55	58.26 -3.35 -5.76	66.31 -3.13 -13.59	67.86 -2.13 -14.03
BARRETT_IC_1 23704	120.46 5.71 -33.13	94.68 5.40 -8.69	93.39 5.05 -14.12	88.27 4.77 -13.35	88.27 4.89 -12.41	93.90 5.12 -14.45	131.83 5.13 -56.42	141.20 4.55 -71.61	136.82 5.37 -59.91	139.36 6.18 -55.92	163.76 7.39 -70.39	166.20 7.16 -76.73	163.39 7.14 -74.09	166.97 6.86 -80.30	162.43 6.52 -81.78	168.19 5.43 -100.27	175.67 5.85 -104.11	181.89 6.39 -102.86	185.00 6.14 -109.88	175.45 5.55 -108.24	167.55 6.30 -91.26	150.46 4.86 -89.76	143.84 4.69 -83.31	136.21 4.53 -75.72
BARRETT_IC_10 23701	120.46 5.71 -33.13	94.68 5.40 -8.69	93.39 5.05 -14.12	88.27 4.77 -13.35	88.27 4.89 -12.41	93.90 5.12 -14.45	131.83 5.13 -56.42	141.20 4.55 -71.61	136.82 5.37 -59.91	139.36 6.18 -55.92	163.76 7.39 -70.39	166.20 7.16 -76.73	163.39 7.14 -74.09	166.97 6.86 -80.30	162.43 6.52 -81.78	168.19 5.43 -100.27	175.67 5.85 -104.11	181.89 6.39 -102.86	185.00 6.14 -109.88	175.45 5.55 -108.24	167.55 6.30 -91.26	150.46 4.86 -89.76	143.84 4.69 -83.31	136.21 4.53 -75.72
BARRETT_IC_11 23702	120.46 5.71 -33.13	94.68 5.40 -8.69	93.39 5.05 -14.12	88.27 4.77 -13.35	88.27 4.89 -12.41	93.90 5.12 -14.45	131.83 5.13 -56.42	141.20 4.55 -71.61	136.82 5.37 -59.91	139.36 6.18 -55.92	163.76 7.39 -70.39	166.20 7.16 -76.73	163.39 7.14 -74.09	166.97 6.86 -80.30	162.43 6.52 -81.78	168.19 5.43 -100.27	175.67 5.85 -104.11	181.89 6.39 -102.86	185.00 6.14 -109.88	175.45 5.55 -108.24	167.55 6.30 -91.26	150.46 4.86 -89.76	143.84 4.69 -83.31	136.21 4.53 -75.72
BARRETT_IC_12 23703	120.46 5.71 -33.13	94.68 5.40 -8.69	93.39 5.05 -14.12	88.27 4.77 -13.35	88.27 4.89 -12.41	93.90 5.12 -14.45	131.83 5.13 -56.42	141.20 4.55 -71.61	136.82 5.37 -59.91	139.36 6.18 -55.92	163.76 7.39 -70.39	166.20 7.16 -76.73	163.39 7.14 -74.09	166.97 6.86 -80.30	162.43 6.52 -81.78	168.19 5.43 -100.27	175.67 5.85 -104.11	181.89 6.39 -102.86	185.00 6.14 -109.88	175.45 5.55 -108.24	167.55 6.30 -91.26	150.46 4.86 -89.76	143.84 4.69 -83.31	136.21 4.53 -75.72
BARRETT_IC_2 23705	120.46 5.71 -33.13	94.68 5.40 -8.69	93.39 5.05 -14.12	88.27 4.77 -13.35	88.27 4.89 -12.41	93.90 5.12 -14.45	131.83 5.13 -56.42	141.20 4.55 -71.61	136.82 5.37 -59.91	139.36 6.18 -55.92	163.76 7.39 -70.39	166.20 7.16 -76.73	163.39 7.14 -74.09	166.97 6.86 -80.30	162.43 6.52 -81.78	168.19 5.43 -100.27	175.67 5.85 -104.11	181.89 6.39 -102.86	185.00 6.14 -109.88	175.45 5.55 -108.24	167.55 6.30 -91.26	150.46 4.86 -89.76	143.84 4.69 -83.31	136.21 4.53 -75.72
BARRETT_IC_3 23706	120.46 5.71 -33.13	94.68 5.40 -8.69	93.39 5.05 -14.12	88.27 4.77 -13.35	88.27 4.89 -12.41	93.90 5.12 -14.45	131.83 5.13 -56.42	141.20 4.55 -71.61	136.82 5.37 -59.91	139.36 6.18 -55.92	163.76 7.39 -70.39	166.20 7.16 -76.73	163.39 7.14 -74.09	166.97 6.86 -80.30	162.43 6.52 -81.78	168.19 5.43 -100.27	175.67 5.85 -104.11	181.89 6.39 -102.86	185.00 6.14 -109.88	175.45 5.55 -108.24	167.55 6.30 -91.26	150.46 4.86 -89.76	143.84 4.69 -83.31	136.21 4.53 -75.72
BARRETT_IC_4 23707	120.46 5.71 -33.13	94.68 5.40 -8.69	93.39 5.05 -14.12	88.27 4.77 -13.35	88.27 4.89 -12.41	93.90 5.12 -14.45	131.83 5.13 -56.42	141.20 4.55 -71.61	136.82 5.37 -59.91	139.36 6.18 -55.92	163.76 7.39 -70.39	166.20 7.16 -76.73	163.39 7.14 -74.09	166.97 6.86 -80.30	162.43 6.52 -81.78	168.19 5.43 -100.27	175.67 5.85 -104.11	181.89 6.39 -102.86	185.00 6.14 -109.88	175.45 5.55 -108.24	167.55 6.30 -91.26	150.46 4.86 -89.76	143.84 4.69 -83.31	136.21 4.53 -75.72

BARRETT_IC_5 23708	120.46 5.71 -33.13	94.68 5.40 -8.69	93.39 5.05 -14.12	88.27 4.77 -13.35	88.27 4.89 -12.41	93.90 5.12 -14.45	131.83 5.13 -56.42	141.20 4.55 -71.61	136.82 5.37 -59.91	139.36 6.18 -55.92	163.76 7.39 -70.39	166.20 7.16 -76.73	163.39 7.14 -74.09	166.97 6.86 -80.30	162.43 6.52 -81.78	168.19 5.43 -100.27	175.67 5.85 -104.11	181.89 6.39 -102.86	185.00 6.14 -109.88	175.45 5.55 -108.24	167.55 6.30 -91.26	150.46 4.86 -89.76	143.84 4.69 -83.31	136.21 4.53 -75.72
BARRETT_IC_6 23709	120.46 5.71 -33.13	94.68 5.40 -8.69	93.39 5.05 -14.12	88.27 4.77 -13.35	88.27 4.89 -12.41	93.90 5.12 -14.45	131.83 5.13 -56.42	141.20 4.55 -71.61	136.82 5.37 -59.91	139.36 6.18 -55.92	163.76 7.39 -70.39	166.20 7.16 -76.73	163.39 7.14 -74.09	166.97 6.86 -80.30	162.43 6.52 -81.78	168.19 5.43 -100.27	175.67 5.85 -104.11	181.89 6.39 -102.86	185.00 6.14 -109.88	175.45 5.55 -108.24	167.55 6.30 -91.26	150.46 4.86 -89.76	143.84 4.69 -83.31	136.21 4.53 -75.72
BARRETT_IC_7 23710	120.38 5.63 -33.13	94.68 5.40 -8.69	93.31 4.97 -14.12	88.20 4.70 -13.35	88.20 4.83 -12.41	93.90 5.13 -14.45	131.76 5.06 -56.42	141.27 4.62 -71.61	136.89 5.44 -59.91	139.36 6.18 -55.92	163.76 7.39 -70.39	166.11 7.08 -76.72	163.38 7.15 -74.08	166.96 6.86 -80.29	162.42 6.52 -81.77	168.20 5.44 -100.27	175.67 5.85 -104.11	182.05 6.39 -103.02	185.19 6.14 -110.06	175.62 5.55 -108.41	167.68 6.30 -91.39	150.60 4.86 -89.90	143.98 4.69 -83.44	136.34 4.53 -75.85
BARRETT_IC_8 23711	120.46 5.71 -33.13	94.68 5.40 -8.69	93.39 5.05 -14.12	88.27 4.77 -13.35	88.27 4.89 -12.41	93.90 5.12 -14.45	131.83 5.13 -56.42	141.20 4.55 -71.61	136.82 5.37 -59.91	139.36 6.18 -55.92	163.76 7.39 -70.39	166.20 7.16 -76.73	163.39 7.14 -74.09	166.97 6.86 -80.30	162.43 6.52 -81.78	168.19 5.43 -100.27	175.67 5.85 -104.11	181.89 6.39 -102.86	185.00 6.14 -109.88	175.45 5.55 -108.24	167.55 6.30 -91.26	150.46 4.86 -89.76	143.84 4.69 -83.31	136.21 4.53 -75.72
BARRETT_IC_9 23700	120.46 5.71 -33.13	94.68 5.40 -8.69	93.39 5.05 -14.12	88.27 4.77 -13.35	88.27 4.89 -12.41	93.90 5.12 -14.45	131.83 5.13 -56.42	141.20 4.55 -71.61	136.82 5.37 -59.91	139.36 6.18 -55.92	163.76 7.39 -70.39	166.20 7.16 -76.73	163.39 7.14 -74.09	166.97 6.86 -80.30	162.43 6.52 -81.78	168.19 5.43 -100.27	175.67 5.85 -104.11	181.89 6.39 -102.86	185.00 6.14 -109.88	175.45 5.55 -108.24	167.55 6.30 -91.26	150.46 4.86 -89.76	143.84 4.69 -83.31	136.21 4.53 -75.72
BARRETT___1 23545	120.46 5.71 -33.13	94.68 5.40 -8.69	93.39 5.05 -14.12	88.27 4.77 -13.35	88.27 4.89 -12.41	93.90 5.12 -14.45	131.83 5.13 -56.42	141.20 4.55 -71.61	136.82 5.37 -59.91	139.36 6.18 -55.92	163.76 7.39 -70.39	166.20 7.16 -76.73	163.39 7.14 -74.09	166.97 6.86 -80.30	162.43 6.52 -81.78	168.19 5.43 -100.27	175.67 5.85 -104.11	181.89 6.39 -102.86	185.00 6.14 -109.88	175.45 5.55 -108.24	167.55 6.30 -91.26	150.46 4.86 -89.76	143.84 4.69 -83.31	136.21 4.53 -75.72
BARRETT___2 23546	120.46 5.71 -33.13	94.68 5.40 -8.69	93.39 5.05 -14.12	88.27 4.77 -13.35	88.27 4.89 -12.41	93.90 5.12 -14.45	131.83 5.13 -56.42	141.20 4.55 -71.61	136.82 5.37 -59.91	139.36 6.18 -55.92	163.76 7.39 -70.39	166.20 7.16 -76.73	163.39 7.14 -74.09	166.97 6.86 -80.30	162.43 6.52 -81.78	168.19 5.43 -100.27	175.67 5.85 -104.11	181.89 6.39 -102.86	185.00 6.14 -109.88	175.45 5.55 -108.24	167.55 6.30 -91.26	150.46 4.86 -89.76	143.84 4.69 -83.31	136.21 4.53 -75.72
BATAVIA__115KV_TB1 55881	79.17 -2.45 0.00	78.09 -2.50 0.00	71.91 -2.30 0.00	67.83 -2.31 0.00	68.56 -2.41 0.00	71.65 -2.68 0.00	66.84 -3.44 0.00	62.03 -3.97 -0.95	66.82 -4.72 0.00	74.46 -5.56 -2.77	83.41 -6.28 -3.71	82.63 -6.01 -6.33	81.80 -6.00 -5.64	79.56 -6.14 -5.90	77.71 -5.41 -8.99	66.35 -4.81 -8.67	72.17 -4.73 -11.19	78.06 -3.85 -9.28	78.59 -3.79 -13.40	71.25 -3.21 -12.80	75.90 -4.13 -10.04	58.60 -4.13 -6.89	61.96 -3.97 -10.08	63.84 -2.57 -10.45
BAYONEEC___CTG1 323682	91.92 4.81 -5.49	86.68 4.43 -1.66	84.65 4.08 -6.36	76.94 3.86 -2.93	77.51 3.97 -2.57	82.28 4.38 -3.58	82.00 4.43 -7.28	82.98 4.03 -13.90	88.64 4.79 -12.30	88.44 5.41 -5.77	121.45 6.27 -29.21	127.23 5.93 -38.98	126.65 5.99 -38.50	124.99 5.75 -39.44	134.16 5.41 -54.62	126.64 4.56 -59.59	101.73 4.86 -31.16	99.90 5.37 -21.89	99.47 5.18 -25.31	98.72 4.63 -32.43	107.94 5.32 -32.63	123.27 4.07 -63.35	120.16 3.91 -60.40	123.30 3.69 -63.64
BAYONEEC___CTG10 323750	91.92 4.81 -5.49	86.68 4.43 -1.66	84.65 4.08 -6.36	76.94 3.86 -2.93	77.51 3.97 -2.57	82.28 4.38 -3.58	82.00 4.43 -7.28	82.98 4.03 -13.90	88.64 4.79 -12.30	88.44 5.41 -5.77	121.45 6.27 -29.21	127.23 5.93 -38.98	126.65 5.99 -38.50	124.99 5.75 -39.44	134.16 5.41 -54.62	126.64 4.56 -59.59	101.73 4.86 -31.16	99.90 5.37 -21.89	99.47 5.18 -25.31	98.72 4.63 -32.43	107.94 5.32 -32.63	123.27 4.07 -63.35	120.16 3.91 -60.40	123.30 3.69 -63.64
BAYONEEC___CTG2 323683	91.92 4.81 -5.49	86.68 4.43 -1.66	84.65 4.08 -6.36	76.94 3.86 -2.93	77.51 3.97 -2.57	82.28 4.38 -3.58	82.00 4.43 -7.28	82.98 4.03 -13.90	88.64 4.79 -12.30	88.44 5.41 -5.77	121.45 6.27 -29.21	127.23 5.93 -38.98	126.65 5.99 -38.50	124.99 5.75 -39.44	134.16 5.41 -54.62	126.64 4.56 -59.59	101.73 4.86 -31.16	99.90 5.37 -21.89	99.47 5.18 -25.31	98.72 4.63 -32.43	107.94 5.32 -32.63	123.27 4.07 -63.35	120.16 3.91 -60.40	123.30 3.69 -63.64
BAYONEEC___CTG3 323684	91.92 4.81 -5.49	86.68 4.43 -1.66	84.65 4.08 -6.36	76.94 3.86 -2.93	77.51 3.97 -2.57	82.28 4.38 -3.58	82.00 4.43 -7.28	82.98 4.03 -13.90	88.64 4.79 -12.30	88.44 5.41 -5.77	121.45 6.27 -29.21	127.23 5.93 -38.98	126.65 5.99 -38.50	124.99 5.75 -39.44	134.16 5.41 -54.62	126.64 4.56 -59.59	101.73 4.86 -31.16	99.90 5.37 -21.89	99.47 5.18 -25.31	98.72 4.63 -32.43	107.94 5.32 -32.63	123.27 4.07 -63.35	120.16 3.91 -60.40	123.30 3.69 -63.64
BAYONEEC___CTG4 323685	91.92 4.81 -5.49	86.68 4.43 -1.66	84.65 4.08 -6.36	76.94 3.86 -2.93	77.51 3.97 -2.57	82.28 4.38 -3.58	82.00 4.43 -7.28	82.98 4.03 -13.90	88.64 4.79 -12.30	88.44 5.41 -5.77	121.45 6.27 -29.21	127.23 5.93 -38.98	126.65 5.99 -38.50	124.99 5.75 -39.44	134.16 5.41 -54.62	126.64 4.56 -59.59	101.73 4.86 -31.16	99.90 5.37 -21.89	99.47 5.18 -25.31	98.72 4.63 -32.43	107.94 5.32 -32.63	123.27 4.07 -63.35	120.16 3.91 -60.40	123.30 3.69 -63.64
BAYONEEC___CTG5 323686	91.92 4.81 -5.49	86.68 4.43 -1.66	84.65 4.08 -6.36	76.94 3.86 -2.93	77.51 3.97 -2.57	82.28 4.38 -3.58	82.00 4.43 -7.28	82.98 4.03 -13.90	88.64 4.79 -12.30	88.44 5.41 -5.77	121.45 6.27 -29.21	127.23 5.93 -38.98	126.65 5.99 -38.50	124.99 5.75 -39.44	134.16 5.41 -54.62	126.64 4.56 -59.59	101.73 4.86 -31.16	99.90 5.37 -21.89	99.47 5.18 -25.31	98.72 4.63 -32.43	107.94 5.32 -32.63	123.27 4.07 -63.35	120.16 3.91 -60.40	123.30 3.69 -63.64
BAYONEEC___CTG6 323687	91.92 4.81 -5.49	86.68 4.43 -1.66	84.65 4.08 -6.36	76.94 3.86 -2.93	77.51 3.97 -2.57	82.28 4.38 -3.58	82.00 4.43 -7.28	82.98 4.03 -13.90	88.64 4.79 -12.30	88.44 5.41 -5.77	121.45 6.27 -29.21	127.23 5.93 -38.98	126.65 5.99 -38.50	124.99 5.75 -39.44	134.16 5.41 -54.62	126.64 4.56 -59.59	101.73 4.86 -31.16	99.90 5.37 -21.89	99.47 5.18 -25.31	98.72 4.63 -32.43	107.94 5.32 -32.63	123.27 4.07 -63.35	120.16 3.91 -60.40	123.30 3.69 -63.64

BAYONEEC___CTG7 323688	91.92 4.81 -5.49	86.68 4.43 -1.66	84.65 4.08 -6.36	76.94 3.86 -2.93	77.51 3.97 -2.57	82.28 4.38 -3.58	82.00 4.43 -7.28	82.98 4.03 -13.90	88.64 4.79 -12.30	88.44 5.41 -5.77	121.45 6.27 -29.21	127.23 5.93 -38.98	126.65 5.99 -38.50	124.99 5.75 -39.44	134.16 5.41 -54.62	126.64 4.56 -59.59	101.73 4.86 -31.16	99.90 5.37 -21.89	99.47 5.18 -25.31	98.72 4.63 -32.43	107.94 5.32 -32.63	123.27 4.07 -63.35	120.16 3.91 -60.40	123.30 3.69 -63.64
BAYONEEC___CTG8 323689	91.92 4.81 -5.49	86.68 4.43 -1.66	84.65 4.08 -6.36	76.94 3.86 -2.93	77.51 3.97 -2.57	82.28 4.38 -3.58	82.00 4.43 -7.28	82.98 4.03 -13.90	88.64 4.79 -12.30	88.44 5.41 -5.77	121.45 6.27 -29.21	127.23 5.93 -38.98	126.65 5.99 -38.50	124.99 5.75 -39.44	134.16 5.41 -54.62	126.64 4.56 -59.59	101.73 4.86 -31.16	99.90 5.37 -21.89	99.47 5.18 -25.31	98.72 4.63 -32.43	107.94 5.32 -32.63	123.27 4.07 -63.35	120.16 3.91 -60.40	123.30 3.69 -63.64
BAYONEEC___CTG9 323749	91.92 4.81 -5.49	86.68 4.43 -1.66	84.65 4.08 -6.36	76.94 3.86 -2.93	77.51 3.97 -2.57	82.28 4.38 -3.58	82.00 4.43 -7.28	82.98 4.03 -13.90	88.64 4.79 -12.30	88.44 5.41 -5.77	121.45 6.27 -29.21	127.23 5.93 -38.98	126.65 5.99 -38.50	124.99 5.75 -39.44	134.16 5.41 -54.62	126.64 4.56 -59.59	101.73 4.86 -31.16	99.90 5.37 -21.89	99.47 5.18 -25.31	98.72 4.63 -32.43	107.94 5.32 -32.63	123.27 4.07 -63.35	120.16 3.91 -60.40	123.30 3.69 -63.64
BEACON___LESR 323632	116.71 4.49 -30.60	94.35 4.51 -9.25	113.77 4.08 -35.48	90.37 3.86 -16.37	89.29 3.97 -14.34	98.42 4.16 -19.94	114.70 3.79 -40.63	120.73 3.38 -52.30	144.03 3.86 -68.63	167.84 4.17 -86.41	159.42 4.90 -68.55	156.59 4.69 -69.58	158.73 4.60 -71.98	159.85 4.47 -75.57	145.18 4.15 -66.91	160.81 3.50 -94.83	178.15 3.61 -108.83	251.05 3.92 -174.49	204.48 3.72 -131.77	180.69 3.33 -115.70	169.04 3.85 -95.20	158.10 3.01 -99.24	152.17 3.07 -93.25	136.58 2.96 -77.65
BEAVER RIVER___HYD 24048	84.31 2.69 0.00	83.25 2.66 0.00	76.59 2.37 0.00	72.46 2.31 0.00	73.31 2.34 0.00	76.77 2.45 0.00	72.74 2.46 0.00	67.85 2.53 -0.27	74.11 2.57 0.00	79.26 2.01 0.00	88.71 2.23 -0.51	85.30 1.89 -1.09	85.08 1.89 -1.03	82.77 1.91 -1.05	78.24 1.56 -2.56	65.85 1.31 -2.05	69.49 1.38 -2.40	75.41 1.74 -1.03	72.75 1.65 -2.11	65.41 1.42 -2.33	73.36 1.68 -1.69	58.95 1.29 -1.82	59.01 1.40 -1.77	59.73 1.34 -2.43
BEEBEE_GT_13 23619	79.17 -2.45 0.00	78.09 -2.50 0.00	71.91 -2.30 0.00	67.90 -2.24 0.00	68.63 -2.34 0.00	71.80 -2.53 0.00	67.33 -2.95 0.00	63.02 -2.86 -0.84	67.82 -3.72 0.00	75.41 -4.25 -2.40	85.03 -4.30 -3.36	84.01 -3.87 -5.56	83.33 -3.86 -5.04	81.05 -3.99 -5.24	78.47 -3.56 -7.90	67.15 -3.12 -7.78	72.42 -3.09 -9.80	78.48 -2.25 -8.09	78.50 -2.21 -11.72	70.96 -1.91 -11.21	76.26 -2.52 -8.78	59.81 -2.62 -6.59	62.16 -2.51 -8.82	63.46 -1.68 -9.18
BENSHRST_27_KV_BENSHRST_1 355998	148.31 5.88 -60.82	144.81 5.48 -58.74	144.62 4.90 -65.51	77.77 4.63 -2.99	144.57 4.75 -68.84	144.62 5.13 -65.17	146.03 5.27 -70.48	149.21 4.75 -79.42	149.38 5.58 -72.25	192.98 6.41 -109.31	152.68 7.48 -59.23	149.73 7.00 -60.41	149.71 7.07 -60.49	149.67 6.78 -63.08	152.46 6.45 -71.89	152.25 5.44 -84.32	234.78 5.78 -163.29	253.99 6.54 -174.82	260.96 6.42 -185.56	252.09 5.61 -184.82	214.49 6.44 -138.06	153.33 4.91 -92.57	149.43 4.69 -88.90	147.96 4.42 -87.58
BETHLEHEM___GRP 23843	114.57 3.10 -29.85	92.84 3.22 -9.02	111.71 2.89 -34.61	88.85 2.74 -15.96	87.73 2.77 -13.99	96.67 2.90 -19.45	112.51 2.60 -39.63	118.51 2.28 -51.19	140.98 2.50 -66.93	164.58 2.70 -84.61	156.85 3.35 -67.53	154.44 3.21 -68.91	156.57 3.20 -71.21	157.65 3.11 -74.74	143.97 2.89 -66.96	159.11 2.44 -94.18	176.14 2.37 -108.06	246.89 2.54 -171.71	202.20 2.35 -130.87	179.01 2.16 -115.19	167.22 2.59 -94.64	156.61 2.07 -98.69	150.80 2.18 -92.77	135.83 2.07 -77.80
BETHLEHEM___GS1 323560	114.57 3.10 -29.85	92.84 3.23 -9.02	111.71 2.89 -34.61	88.85 2.73 -15.96	87.80 2.84 -13.99	96.67 2.90 -19.45	112.51 2.60 -39.63	118.45 2.21 -51.19	141.05 2.57 -66.93	164.57 2.70 -84.61	156.85 3.35 -67.53	154.44 3.21 -68.91	156.57 3.20 -71.21	157.65 3.11 -74.74	143.97 2.89 -66.96	159.10 2.43 -94.18	176.14 2.36 -108.06	246.77 2.54 -171.60	202.08 2.35 -130.74	178.89 2.16 -115.07	167.13 2.59 -94.55	156.51 2.07 -98.60	150.70 2.18 -92.68	135.74 2.07 -77.71
BETHLEHEM___GS2 323561	114.57 3.10 -29.85	92.84 3.23 -9.02	111.71 2.89 -34.61	88.85 2.73 -15.96	87.80 2.84 -13.99	96.67 2.90 -19.45	112.51 2.60 -39.63	118.45 2.21 -51.19	141.05 2.57 -66.93	164.57 2.70 -84.61	156.85 3.35 -67.53	154.44 3.21 -68.91	156.57 3.20 -71.21	157.65 3.11 -74.74	143.97 2.89 -66.96	159.10 2.43 -94.18	176.14 2.36 -108.06	246.77 2.54 -171.60	202.08 2.35 -130.74	178.89 2.16 -115.07	167.13 2.59 -94.55	156.51 2.07 -98.60	150.70 2.18 -92.68	135.74 2.07 -77.71
BETHLEHEM___GS3 323562	114.57 3.10 -29.85	92.84 3.23 -9.02	111.71 2.89 -34.61	88.85 2.73 -15.96	87.80 2.84 -13.99	96.67 2.90 -19.45	112.51 2.60 -39.63	118.45 2.21 -51.19	141.05 2.57 -66.93	164.57 2.70 -84.61	156.85 3.35 -67.53	154.44 3.21 -68.91	156.57 3.20 -71.21	157.65 3.11 -74.74	143.97 2.89 -66.96	159.10 2.43 -94.18	176.14 2.36 -108.06	246.77 2.54 -171.60	202.08 2.35 -130.74	178.89 2.16 -115.07	167.13 2.59 -94.55	156.51 2.07 -98.60	150.70 2.18 -92.68	135.74 2.07 -77.71
BETHLEHEM___STEEL 23779	77.94 -3.67 0.00	76.88 -3.71 0.00	70.95 -3.27 0.00	66.85 -3.30 0.00	67.56 -3.41 0.00	70.38 -3.94 0.00	65.71 -4.57 0.00	60.15 -5.98 -1.08	65.39 -6.15 0.00	73.33 -7.11 -3.18	81.31 -8.77 -4.11	81.10 -8.40 -7.18	80.00 -8.46 -6.31	78.07 -8.38 -6.65	76.79 -7.56 -10.22	65.59 -6.56 -9.66	71.76 -6.70 -12.76	77.00 -6.25 -10.61	78.20 -6.07 -15.29	71.00 -5.24 -14.58	75.21 -6.23 -11.45	57.29 -5.75 -7.20	61.92 -5.42 -11.49	63.98 -3.86 -11.88
BETHLHEM_115KV_TB1 79974	112.96 3.10 -28.24	92.27 3.14 -8.53	109.77 2.82 -32.74	87.99 2.74 -15.10	86.97 2.77 -13.24	95.62 2.90 -18.40	110.37 2.60 -37.49	116.13 2.28 -48.81	137.44 2.58 -63.32	160.78 2.78 -80.74	154.61 3.35 -65.29	152.93 3.21 -67.40	154.86 3.20 -69.50	155.77 3.11 -72.86	143.91 2.89 -66.90	157.57 2.44 -92.64	174.40 2.43 -106.26	240.67 2.61 -165.42	199.88 2.41 -128.48	177.51 2.22 -113.63	165.69 2.59 -93.11	155.06 2.07 -97.15	149.42 2.18 -91.40	135.77 2.07 -77.73
BETHPAGE_CC_5 323564	120.79 6.04 -33.13	95.00 5.72 -8.69	93.53 5.19 -14.12	88.48 4.98 -13.35	88.42 5.04 -12.41	94.20 5.42 -14.45	132.11 5.41 -56.42	141.53 4.88 -71.61	137.24 5.79 -59.91	139.59 6.41 -55.92	163.76 7.39 -70.39	166.36 7.32 -76.72	163.55 7.31 -74.08	167.20 7.10 -80.29	162.57 6.67 -81.77	168.39 5.63 -100.27	175.80 5.98 -104.11	182.17 6.68 -102.86	185.28 6.42 -109.88	175.57 5.67 -108.24	167.68 6.44 -91.26	150.63 5.03 -89.76	144.01 4.86 -83.31	136.32 4.64 -75.72
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	78.11 -3.51 0.00	77.05 -3.55 0.00	71.10 -3.12 0.00	66.99 -3.16 0.00	67.71 -3.26 0.00	70.53 -3.79 0.00	65.85 -4.43 0.00	60.09 -6.05 -1.10	65.60 -5.94 0.00	73.60 -6.88 -3.22	81.35 -8.77 -4.14	81.10 -8.48 -7.26	79.99 -8.54 -6.38	78.06 -8.46 -6.72	76.90 -7.56 -10.33	65.62 -6.62 -9.75	71.84 -6.77 -12.90	77.05 -6.32 -10.73	78.30 -6.14 -15.46	71.10 -5.30 -14.74	75.27 -6.30 -11.57	57.28 -5.81 -7.24	61.99 -5.47 -11.61	64.00 -3.97 -12.01

BINGHAMTON___COGEN 23790	84.52 0.33 -2.58	81.69 0.32 -0.78	77.50 0.30 -2.99	71.67 0.14 -1.38	72.32 0.14 -1.21	76.08 0.07 -1.68	73.70 0.00 -3.42	70.35 -0.46 -5.75	77.03 -0.29 -5.78	86.84 -0.39 -9.97	95.77 -0.69 -10.49	95.38 -0.74 -13.80	94.84 -0.74 -13.43	92.95 -0.80 -13.94	91.83 -0.67 -18.37	82.02 -0.56 -20.09	89.04 -0.46 -23.79	98.33 0.00 -25.70	97.23 0.07 -28.17	88.38 0.06 -26.65	90.94 -0.07 -21.02	75.34 -0.39 -19.89	76.50 -0.39 -21.04	77.32 0.00 -21.35
BIXINCNT_115KV_LOAD 355685	79.73 -3.26 -1.37	77.70 -3.30 -0.41	73.13 -2.67 -1.59	67.73 -3.16 -0.73	68.21 -3.41 -0.64	71.05 -4.16 -0.89	67.40 -4.71 -1.82	61.46 -6.76 -3.18	68.90 -5.72 -3.08	75.72 -6.95 -5.42	81.10 -9.80 -4.93	80.38 -9.55 -7.61	79.53 -9.45 -6.82	78.12 -9.02 -7.34	77.04 -7.93 -10.85	65.77 -6.87 -10.15	72.39 -7.10 -13.77	80.21 -6.83 -14.40	78.61 -6.62 -16.25	71.48 -5.67 -15.49	75.43 -6.72 -12.16	57.16 -6.03 -7.34	62.24 -5.81 -12.20	64.15 -4.42 -12.61
BLACK RIVER___HYD 24047	85.54 3.92 0.00	84.46 3.87 0.00	77.55 3.34 0.00	73.31 3.16 0.00	74.09 3.12 0.00	77.67 3.35 0.00	73.65 3.37 0.00	68.88 3.45 -0.39	75.05 3.50 0.00	80.35 3.09 0.00	90.22 3.53 -0.72	86.82 2.96 -1.54	86.57 2.95 -1.46	84.32 3.03 -1.49	80.42 2.66 -3.63	67.84 2.43 -2.91	71.81 2.70 -3.40	77.72 3.63 -1.45	75.47 3.52 -2.97	68.02 3.08 -3.28	75.73 3.36 -2.38	60.86 2.45 -2.56	60.85 2.52 -2.49	61.90 2.52 -3.42
BLACKRVR_115KV_TB2 79977	85.54 3.92 0.00	84.54 3.95 0.00	77.55 3.34 0.00	73.31 3.16 0.00	74.09 3.12 0.00	77.74 3.42 0.00	73.66 3.37 0.00	68.88 3.45 -0.39	75.12 3.58 0.00	80.35 3.09 0.00	90.22 3.52 -0.72	86.82 2.96 -1.54	86.57 2.96 -1.46	84.33 3.03 -1.49	80.43 2.67 -3.63	67.84 2.44 -2.91	71.81 2.69 -3.40	78.06 3.63 -1.79	76.17 3.52 -3.67	68.80 3.08 -4.05	76.29 3.36 -2.94	61.46 2.46 -3.16	61.44 2.51 -3.08	62.70 2.52 -4.22
BLISS_WT_PWR 323608	79.64 -3.35 -1.37	78.03 -2.98 -0.41	73.06 -2.74 -1.59	67.45 -3.44 -0.73	67.85 -3.76 -0.64	70.68 -4.54 -0.89	67.04 -5.06 -1.82	61.14 -7.09 -3.18	68.54 -6.08 -3.08	75.49 -7.18 -5.42	80.24 -10.66 -4.93	80.14 -9.80 -7.61	79.03 -9.94 -6.82	77.97 -9.17 -7.34	76.97 -8.01 -10.85	65.71 -6.94 -10.15	72.26 -7.23 -13.77	75.67 -7.04 -10.08	76.78 -6.76 -14.55	69.76 -5.80 -13.89	74.03 -6.86 -10.90	55.66 -6.20 -6.01	60.87 -5.92 -10.94	62.78 -4.53 -11.35
BLUESTONE___WT_PWR 323821	92.53 6.20 -4.71	88.14 6.12 -1.42	85.09 5.41 -5.46	77.65 4.98 -2.52	78.01 4.83 -2.21	82.51 5.12 -3.07	81.38 4.85 -6.25	78.38 4.29 -9.05	86.61 4.51 -10.56	97.84 4.71 -15.87	106.69 5.16 -15.56	104.28 4.52 -17.44	104.45 4.35 -17.94	102.46 4.23 -18.42	97.61 3.78 -19.70	91.32 3.25 -25.59	97.32 3.48 -28.13	112.24 4.50 -35.10	106.21 4.42 -32.80	95.56 3.95 -29.94	98.29 4.20 -24.09	86.57 2.96 -27.76	82.62 2.90 -23.87	81.25 3.13 -22.15
BLUE_CIRC_CHEM_DRP 24182	106.79 3.51 -21.66	90.68 3.55 -6.55	102.59 3.27 -25.11	84.82 3.09 -11.58	84.24 3.12 -10.15	91.63 3.20 -14.11	101.99 2.95 -28.75	106.57 2.54 -38.99	122.97 2.86 -48.57	145.06 3.01 -64.78	145.34 3.52 -55.84	146.45 3.38 -60.75	147.57 3.37 -62.05	147.80 3.27 -64.73	143.18 3.11 -65.94	150.75 2.62 -85.63	166.46 2.69 -98.06	214.63 2.91 -139.09	189.51 2.76 -117.76	170.45 2.47 -106.32	158.88 2.80 -86.09	148.16 2.23 -90.08	143.16 2.29 -85.02	134.87 2.29 -76.62
BOC_GAS_DRP 24189	103.69 2.77 -19.30	89.24 2.82 -5.83	99.11 2.52 -22.37	82.92 2.46 -10.32	82.50 2.48 -9.04	89.50 2.60 -12.57	98.36 2.46 -25.62	102.82 2.21 -35.57	117.32 2.50 -43.27	139.21 2.70 -59.25	141.91 3.10 -52.84	144.26 2.96 -58.98	145.08 2.96 -59.97	145.08 2.87 -62.41	143.45 2.74 -66.58	148.84 2.25 -84.10	164.30 2.37 -96.23	205.63 2.54 -130.46	186.61 2.41 -115.21	168.81 2.16 -104.99	157.07 2.52 -84.56	146.39 1.95 -88.59	141.60 2.01 -83.74	135.29 1.96 -77.37
BOONVILLE_115KV_TB1 79983	84.72 3.10 0.00	83.74 3.14 0.00	76.96 2.75 0.00	72.75 2.60 0.00	73.60 2.63 0.00	77.22 2.90 0.00	73.09 2.81 0.00	68.07 2.80 -0.22	74.55 3.00 0.00	80.04 2.78 0.00	89.49 3.10 -0.42	85.93 2.72 -0.89	85.71 2.71 -0.85	83.38 2.71 -0.86	78.60 2.37 -2.11	66.18 2.00 -1.69	69.79 2.10 -1.97	76.14 2.47 -1.04	73.46 2.35 -2.13	66.05 2.03 -2.35	73.93 2.24 -1.70	59.35 1.68 -1.83	59.30 1.68 -1.78	60.09 1.68 -2.45
BORALEX_4TH_BRANCH 23824	129.10 6.12 -41.36	99.05 5.96 -12.50	127.58 5.42 -47.95	97.39 5.12 -22.12	95.54 5.18 -19.38	106.84 5.57 -26.95	130.60 5.41 -54.90	138.16 4.94 -68.17	169.93 5.65 -92.74	195.57 6.10 -112.21	175.61 6.28 -83.36	167.67 5.93 -79.43	171.07 5.75 -83.17	173.34 5.67 -87.87	146.14 5.26 -66.75	171.48 4.37 -104.62	190.90 4.86 -120.33	294.44 5.52 -216.29	221.38 5.17 -147.22	191.84 4.62 -125.56	180.11 5.04 -105.08	168.93 3.97 -109.11	161.86 3.97 -102.05	137.44 3.92 -77.56
BOWLINE___1 23526	90.85 3.92 -5.32	85.83 3.63 -1.61	83.72 3.34 -6.16	76.15 3.16 -2.84	76.73 3.27 -2.49	81.35 3.57 -3.46	80.92 3.58 -7.06	81.78 3.25 -13.49	87.39 3.93 -11.92	104.85 4.40 -23.18	119.47 5.16 -28.34	125.19 5.02 -37.85	124.54 5.01 -37.38	122.96 4.87 -38.29	131.82 4.60 -53.10	124.25 3.88 -57.88	135.78 4.14 -65.93	142.30 4.65 -65.01	150.88 4.42 -77.48	140.13 3.95 -74.52	132.70 4.48 -58.22	120.69 3.41 -61.43	117.77 3.35 -58.57	120.81 3.13 -61.72
BOWLINE___2 23595	90.69 3.76 -5.32	85.74 3.54 -1.61	83.57 3.19 -6.16	76.08 3.08 -2.84	76.58 3.12 -2.49	81.21 3.42 -3.46	80.85 3.51 -7.06	81.72 3.19 -13.49	87.25 3.79 -11.92	104.77 4.32 -23.19	119.47 5.16 -28.34	125.19 5.02 -37.85	124.55 5.01 -37.38	122.97 4.87 -38.29	131.82 4.60 -53.10	124.25 3.88 -57.89	135.78 4.14 -65.93	142.31 4.65 -65.02	150.89 4.42 -77.48	140.14 3.95 -74.52	132.70 4.48 -58.22	120.69 3.41 -61.44	117.77 3.35 -58.58	120.82 3.13 -61.73
BRADY___115KV_TB2 356060	82.03 0.41 0.00	81.08 0.48 0.00	74.88 0.67 0.00	70.85 0.70 0.00	71.61 0.64 0.00	74.84 0.52 0.00	70.77 0.49 0.00	65.70 0.65 0.00	71.90 0.36 0.00	77.34 0.08 0.00	85.71 -0.26 0.00	82.15 -0.16 0.00	81.91 -0.25 0.00	79.80 0.00 0.00	73.98 -0.15 0.00	62.49 0.00 0.00	65.58 -0.13 0.00	71.76 -0.87 0.00	68.09 -0.90 0.00	60.92 -0.74 0.00	69.57 -0.42 0.00	55.96 0.11 0.00	56.13 0.28 0.00	56.13 0.17 0.00
BRANSCOMB___SOLAR 323811	143.65 5.88 -56.16	103.29 5.72 -16.97	144.66 5.35 -65.11	105.16 4.98 -30.03	102.40 5.11 -26.32	116.27 5.35 -36.59	150.03 5.20 -74.55	160.03 4.75 -90.24	202.83 5.37 -125.92	231.09 5.80 -148.04	196.76 6.27 -104.51	182.51 5.93 -94.27	187.96 5.99 -99.81	191.67 5.82 -106.04	148.18 5.26 -68.79	187.22 4.50 -120.23	209.18 4.86 -138.61	353.33 5.45 -275.24	245.09 5.10 -170.99	207.93 4.56 -141.70	195.65 5.04 -120.62	184.53 3.91 -124.77	175.90 3.91 -116.14	139.67 3.86 -79.85
BRENTWOD_69_KV_W. BRTWOOD 56703	123.32 8.57 -33.13	97.58 8.30 -8.69	95.83 7.50 -14.12	90.58 7.09 -13.35	90.62 7.24 -12.41	96.58 7.80 -14.45	134.01 7.31 -56.42	142.84 6.18 -71.61	139.39 7.94 -59.91	141.91 8.73 -55.92	164.62 8.25 -70.40	168.25 9.22 -76.72	165.44 9.20 -74.08	169.03 8.94 -80.29	164.27 8.38 -81.77	169.88 7.12 -100.27	177.45 7.62 -104.11	184.23 8.57 -103.02	187.26 8.21 -110.06	177.10 7.03 -108.41	169.44 8.05 -91.39	152.11 6.37 -89.90	145.37 6.09 -83.44	137.74 5.93 -75.85

BRISTLHL_115KV_TB1 79998	82.03 0.41 0.00	81.08 0.48 0.00	74.51 0.30 0.00	70.29 0.14 0.00	71.18 0.21 0.00	74.47 0.15 0.00	70.49 0.21 0.00	65.92 0.26 -0.62	71.76 0.21 0.00	77.41 0.15 0.00	87.39 0.26 -1.16	85.03 0.25 -2.47	84.74 0.25 -2.34	82.43 0.24 -2.38	80.17 0.22 -5.82	67.40 0.25 -4.66	71.56 0.39 -5.45	76.74 1.23 -2.87	76.17 1.31 -5.87	69.26 1.11 -6.49	75.75 1.05 -4.70	61.41 0.50 -5.06	61.22 0.45 -4.93	63.34 0.62 -6.76
BROOKHAVEN___DRP 24191	122.34 7.59 -33.13	96.69 7.41 -8.69	95.02 6.68 -14.12	89.88 6.38 -13.35	89.91 6.53 -12.41	95.91 7.13 -14.45	133.84 7.10 -56.46	143.20 6.50 -71.65	138.32 6.87 -59.91	140.59 7.42 -55.92	165.35 8.94 -70.43	167.18 8.15 -76.72	164.37 8.13 -74.08	167.76 7.66 -80.29	163.31 7.41 -81.77	169.13 6.37 -100.27	176.53 6.70 -104.11	183.07 7.41 -103.02	186.08 7.04 -110.06	176.58 6.47 -108.45	168.77 7.35 -91.43	151.38 5.64 -89.90	144.81 5.53 -83.44	137.18 5.37 -75.85
BROOKLYN_NAVY_YARD 23515	92.00 4.90 -5.49	86.76 4.51 -1.66	84.73 4.15 -6.36	77.01 3.93 -2.93	77.58 4.04 -2.57	82.28 4.38 -3.58	82.13 4.57 -7.28	83.11 4.17 -13.90	88.78 4.93 -12.30	106.75 5.57 -23.92	121.63 6.45 -29.21	127.39 6.09 -38.98	126.82 6.16 -38.50	125.15 5.91 -39.44	134.31 5.56 -54.62	126.77 4.69 -59.59	138.57 4.99 -67.87	145.32 5.59 -67.09	154.28 5.38 -79.91	143.32 4.81 -76.85	135.56 5.53 -60.04	123.39 4.19 -63.36	120.21 3.97 -60.40	123.35 3.75 -63.64
BROOKLYN___ARMY_DRP 323595	147.98 5.55 -60.82	144.57 5.24 -58.74	144.40 4.68 -65.51	77.56 4.42 -2.99	144.29 4.47 -68.84	144.33 4.83 -65.17	145.75 4.99 -70.48	148.95 4.49 -79.42	149.09 5.29 -72.25	192.67 6.10 -109.31	152.25 7.05 -59.23	149.40 6.67 -60.41	149.30 6.65 -60.49	149.27 6.38 -63.08	152.09 6.08 -71.89	151.94 5.12 -84.32	234.52 5.52 -163.29	253.70 6.25 -174.82	260.62 6.07 -185.56	251.78 5.30 -184.82	214.14 6.09 -138.06	153.10 4.69 -92.57	149.21 4.47 -88.90	147.74 4.20 -87.58
BROOKVLE_69_KV_TB1 55790	121.11 6.37 -33.13	95.40 6.13 -8.69	93.90 5.57 -14.12	88.76 5.26 -13.35	88.70 5.32 -12.41	94.50 5.72 -14.45	132.39 5.69 -56.42	141.86 5.20 -71.61	137.53 6.08 -59.91	140.05 6.88 -55.92	164.45 8.08 -70.39	166.77 7.74 -76.72	164.04 7.80 -74.08	167.60 7.50 -80.29	162.94 7.04 -81.77	168.63 5.87 -100.27	176.07 6.24 -104.11	182.63 6.97 -103.02	185.74 6.69 -110.06	175.99 5.92 -108.41	168.10 6.72 -91.39	150.94 5.19 -89.90	144.31 5.03 -83.44	136.62 4.81 -75.85
BROOME_2_LFGE 323671	84.52 0.33 -2.58	81.78 0.40 -0.78	77.50 0.30 -2.99	71.67 0.14 -1.38	72.32 0.14 -1.21	76.08 0.07 -1.68	73.70 0.00 -3.42	70.35 -0.45 -5.75	76.96 -0.36 -5.78	86.84 -0.38 -9.97	95.69 -0.78 -10.49	95.37 -0.74 -13.80	94.76 -0.82 -13.43	92.95 -0.80 -13.94	91.83 -0.67 -18.37	82.02 -0.56 -20.09	89.04 -0.46 -23.79	97.26 0.00 -24.63	96.05 0.07 -26.99	87.27 0.06 -25.55	90.06 -0.07 -20.14	74.42 -0.39 -18.96	75.62 -0.39 -20.17	76.44 0.00 -20.48
BROOME___LFGE 323600	84.52 0.33 -2.58	81.78 0.40 -0.78	77.50 0.30 -2.99	71.67 0.14 -1.38	72.32 0.14 -1.21	76.08 0.07 -1.68	73.70 0.00 -3.42	70.35 -0.45 -5.75	76.96 -0.36 -5.78	86.84 -0.38 -9.97	95.69 -0.78 -10.49	95.37 -0.74 -13.80	94.76 -0.82 -13.43	92.95 -0.80 -13.94	91.83 -0.67 -18.37	82.02 -0.56 -20.09	89.04 -0.46 -23.79	97.26 0.00 -24.63	96.05 0.07 -26.99	87.27 0.06 -25.55	90.06 -0.07 -20.14	74.42 -0.39 -18.96	75.62 -0.39 -20.17	76.44 0.00 -20.48
BROWNFLS_115KV_TB_3_5 80003	82.92 1.31 0.00	81.88 1.29 0.00	75.40 1.19 0.00	71.41 1.26 0.00	72.18 1.21 0.00	75.51 1.19 0.00	71.48 1.19 0.00	66.60 1.37 -0.19	72.76 1.22 0.00	78.03 0.77 0.00	87.02 0.69 -0.36	83.65 0.58 -0.76	83.45 0.58 -0.72	81.26 0.72 -0.73	76.36 0.44 -1.79	64.24 0.31 -1.44	67.52 0.13 -1.68	73.37 -0.15 -0.88	70.66 -0.14 -1.81	63.54 -0.12 -2.00	71.58 0.14 -1.45	57.80 0.39 -1.56	57.92 0.56 -1.52	58.55 0.50 -2.08
BROWNSV1_27_KV_LOAD 356125	92.57 5.47 -5.49	87.41 5.16 -1.66	85.25 4.68 -6.36	77.50 4.42 -2.93	78.08 4.54 -2.57	82.80 4.91 -3.58	82.56 4.99 -7.28	83.57 4.62 -13.90	89.21 5.37 -12.30	107.29 6.10 -23.92	122.23 7.05 -29.21	128.05 6.75 -38.98	127.39 6.74 -38.50	125.79 6.54 -39.44	134.90 6.15 -54.62	127.20 5.12 -59.59	139.10 5.52 -67.87	146.07 6.17 -67.26	155.01 5.93 -80.09	143.92 5.24 -77.02	136.26 6.09 -60.18	123.98 4.64 -63.50	120.79 4.41 -60.54	123.93 4.20 -63.77
BURROWS___LYONSDAL 23803	84.72 3.10 0.00	83.65 3.06 0.00	76.88 2.67 0.00	72.75 2.60 0.00	73.52 2.55 0.00	77.15 2.82 0.00	73.09 2.81 0.00	68.08 2.80 -0.23	74.47 2.93 0.00	79.81 2.55 0.00	89.33 2.92 -0.44	85.72 2.47 -0.93	85.50 2.46 -0.88	83.18 2.47 -0.90	78.47 2.15 -2.19	66.06 1.81 -1.76	69.67 1.91 -2.06	75.97 2.25 -1.08	73.34 2.14 -2.22	65.96 1.85 -2.45	73.80 2.03 -1.77	59.32 1.56 -1.91	59.27 1.56 -1.86	60.08 1.57 -2.55
CAITHNESS_CC_1 323624	122.17 7.43 -33.13	96.45 7.17 -8.69	94.87 6.53 -14.12	89.74 6.24 -13.35	89.77 6.39 -12.41	95.69 6.91 -14.45	133.63 6.89 -56.46	143.00 6.31 -71.65	138.32 6.87 -59.91	140.44 7.26 -55.92	165.00 8.60 -70.43	167.02 7.98 -76.72	164.20 7.97 -74.08	167.68 7.59 -80.29	163.16 7.27 -81.77	168.89 6.13 -100.27	176.40 6.57 -104.11	182.76 7.26 -102.86	185.76 6.90 -109.88	176.29 6.35 -108.28	168.43 7.14 -91.30	151.08 5.48 -89.76	144.57 5.42 -83.31	136.94 5.26 -75.72
CALPINE BETH_PAGE_GT4 24209	120.54 5.79 -33.13	94.76 5.48 -8.69	93.31 4.97 -14.12	88.20 4.70 -13.35	88.20 4.83 -12.41	93.98 5.20 -14.45	131.83 5.13 -56.42	141.34 4.68 -71.61	136.96 5.51 -59.91	139.36 6.18 -55.92	163.50 7.14 -70.39	166.03 7.00 -76.72	163.22 6.98 -74.08	166.88 6.78 -80.29	162.27 6.37 -81.77	168.07 5.31 -100.27	175.54 5.72 -104.11	182.05 6.39 -103.02	185.12 6.07 -110.06	175.43 5.36 -108.41	167.54 6.16 -91.39	150.49 4.75 -89.90	143.86 4.58 -83.44	136.23 4.42 -75.85
CALPINE_BETH_PAGE_GT_4 323586	120.54 5.80 -33.13	94.76 5.48 -8.69	93.39 5.05 -14.12	88.27 4.77 -13.35	88.27 4.89 -12.41	93.98 5.20 -14.45	131.90 5.20 -56.42	141.34 4.69 -71.61	137.03 5.58 -59.91	139.36 6.18 -55.92	163.50 7.13 -70.39	166.03 6.99 -76.72	163.22 6.98 -74.08	166.80 6.70 -80.29	162.27 6.38 -81.77	168.07 5.31 -100.27	175.54 5.71 -104.11	181.89 6.39 -102.86	184.94 6.07 -109.88	175.26 5.36 -108.24	167.41 6.16 -91.26	150.35 4.74 -89.76	143.73 4.58 -83.31	136.10 4.42 -75.72
CALPINE_BP_GT1 23823	120.54 5.80 -33.13	94.76 5.48 -8.69	93.39 5.05 -14.12	88.27 4.77 -13.35	88.27 4.89 -12.41	93.98 5.20 -14.45	131.90 5.20 -56.42	141.34 4.69 -71.61	137.03 5.58 -59.91	139.36 6.18 -55.92	163.50 7.13 -70.39	166.03 6.99 -76.72	163.22 6.98 -74.08	166.80 6.70 -80.29	162.27 6.38 -81.77	168.07 5.31 -100.27	175.54 5.71 -104.11	181.89 6.39 -102.86	184.94 6.07 -109.88	175.26 5.36 -108.24	167.41 6.16 -91.26	150.35 4.74 -89.76	143.73 4.58 -83.31	136.10 4.42 -75.72
CALSPAN___DRP 24200	77.94 -3.67 0.00	76.88 -3.71 0.00	70.95 -3.27 0.00	66.85 -3.30 0.00	67.56 -3.41 0.00	70.38 -3.94 0.00	65.71 -4.57 0.00	60.15 -5.98 -1.08	65.39 -6.15 0.00	73.33 -7.11 -3.18	81.31 -8.77 -4.11	81.10 -8.40 -7.18	80.00 -8.46 -6.31	78.07 -8.38 -6.65	76.79 -7.56 -10.22	65.59 -6.56 -9.66	71.76 -6.70 -12.76	77.00 -6.25 -10.61	78.20 -6.07 -15.29	71.00 -5.24 -14.58	75.21 -6.23 -11.45	57.29 -5.75 -7.20	61.92 -5.42 -11.49	63.98 -3.86 -11.88

CALVERTON___SOLAR 323806	122.66 7.91 -33.13	96.94 7.66 -8.69	95.31 6.97 -14.12	90.17 6.67 -13.35	90.19 6.81 -12.41	96.28 7.50 -14.45	134.19 7.45 -56.46	143.52 6.83 -71.65	138.67 7.22 -59.91	140.83 7.65 -55.92	165.51 9.11 -70.43	167.52 8.48 -76.72	164.62 8.38 -74.08	168.00 7.90 -80.29	163.53 7.64 -81.77	169.26 6.50 -100.27	176.79 6.96 -104.11	183.12 7.62 -102.86	186.04 7.17 -109.88	176.60 6.66 -108.28	168.85 7.56 -91.30	151.30 5.70 -89.76	144.79 5.64 -83.31	137.22 5.54 -75.72
CANDIGU_WT_PWR 323617	81.57 -1.72 -1.67	79.65 -1.45 -0.51	74.74 -1.41 -1.94	69.29 -1.75 -0.89	69.84 -1.91 -0.78	73.03 -2.38 -1.09	69.83 -2.67 -2.22	65.26 -3.64 -3.86	71.50 -3.79 -3.75	79.77 -4.10 -6.61	85.95 -5.59 -5.56	86.14 -5.27 -9.09	84.53 -5.50 -7.88	83.22 -5.19 -8.61	82.58 -4.60 -13.05	70.15 -3.93 -11.60	78.41 -3.94 -16.64	85.17 -3.56 -16.09	83.64 -3.45 -18.10	76.02 -2.90 -17.25	80.04 -3.50 -13.55	58.26 -3.35 -5.76	66.31 -3.13 -13.59	67.86 -2.13 -14.03
CARR STREET_E_SYR 24060	79.99 -1.63 0.00	79.06 -1.53 0.00	72.73 -1.48 0.00	68.61 -1.54 0.00	69.41 -1.56 0.00	72.69 -1.64 0.00	68.80 -1.48 0.00	64.27 -1.43 -0.65	69.90 -1.64 0.00	75.40 -1.85 0.00	85.23 -1.97 -1.23	83.04 -1.89 -2.61	82.75 -1.89 -2.48	80.50 -1.83 -2.52	78.66 -1.63 -6.16	66.05 -1.38 -4.94	70.10 -1.38 -5.77	74.39 -0.73 -2.48	73.45 -0.62 -5.08	66.72 -0.56 -5.62	73.29 -0.77 -4.07	59.33 -0.90 -4.38	59.21 -0.90 -4.26	61.09 -0.73 -5.85
CARTHAGE___PAPER 23857	84.72 3.10 0.00	83.65 3.06 0.00	76.88 2.67 0.00	72.75 2.60 0.00	73.52 2.55 0.00	77.07 2.75 0.00	73.02 2.74 0.00	68.32 2.93 -0.34	74.48 2.93 0.00	79.73 2.47 0.00	89.28 2.67 -0.64	85.91 2.22 -1.36	85.67 2.22 -1.30	83.44 2.32 -1.32	79.35 2.00 -3.22	66.82 1.75 -2.58	70.63 1.91 -3.01	76.39 2.47 -1.29	74.04 2.41 -2.64	66.67 2.10 -2.91	74.41 2.31 -2.11	59.85 1.73 -2.27	59.84 1.79 -2.21	60.79 1.79 -3.04
CASSADAGA_WT_PWR 323784	80.78 -2.20 -1.36	79.15 -1.85 -0.41	74.08 -1.70 -1.57	68.70 -2.18 -0.73	69.33 -2.27 -0.64	72.53 -2.67 -0.88	69.06 -3.02 -1.80	63.44 -4.75 -3.14	69.94 -4.65 -3.04	77.44 -5.18 -5.36	83.45 -7.39 -4.88	82.93 -6.91 -7.53	81.59 -7.31 -6.75	80.03 -7.02 -7.25	78.55 -6.30 -10.73	67.03 -5.50 -10.04	73.74 -5.59 -13.62	77.71 -4.87 -9.94	78.59 -4.76 -14.36	71.30 -4.07 -13.71	75.78 -4.97 -10.76	56.97 -4.80 -5.93	62.23 -4.41 -10.80	64.31 -2.85 -11.20
CE_DUNWOOD___DRP 24194	91.67 4.57 -5.48	86.60 4.35 -1.66	84.50 3.93 -6.35	76.87 3.79 -2.93	77.37 3.83 -2.57	82.06 4.16 -3.57	81.78 4.22 -7.28	82.77 3.84 -13.88	88.41 4.58 -12.29	106.32 5.18 -23.88	121.06 5.93 -29.16	126.91 5.68 -38.92	126.26 5.67 -38.44	124.69 5.51 -39.38	133.86 5.19 -54.55	126.36 4.37 -59.50	138.14 4.67 -67.77	144.99 5.23 -67.12	153.87 4.97 -79.92	142.96 4.44 -76.85	135.08 5.04 -60.05	123.06 3.85 -63.36	120.00 3.74 -60.41	123.18 3.58 -63.64
CE_MILLWOOD___DRP 24193	91.49 4.41 -5.46	86.43 4.19 -1.65	84.33 3.78 -6.34	76.72 3.65 -2.92	77.22 3.69 -2.56	81.90 4.01 -3.56	81.61 4.08 -7.25	82.60 3.71 -13.84	88.23 4.44 -12.25	106.08 5.02 -23.80	120.79 5.76 -29.06	126.62 5.52 -38.78	125.97 5.50 -38.31	124.40 5.35 -39.25	133.55 5.04 -54.38	125.98 4.19 -59.31	137.79 4.53 -67.55	144.52 5.01 -66.87	153.43 4.83 -79.61	142.54 4.32 -76.56	134.71 4.90 -59.82	122.71 3.74 -63.12	119.66 3.63 -60.18	122.82 3.47 -63.39
CE_NYC2_DRP 24202	92.50 5.39 -5.50	87.34 5.08 -1.67	85.10 4.53 -6.36	77.36 4.28 -2.93	77.87 4.33 -2.57	82.65 4.76 -3.58	82.42 4.85 -7.28	83.31 4.36 -13.90	88.93 5.08 -12.30	107.05 5.87 -23.92	121.97 6.79 -29.21	127.64 6.34 -38.98	127.06 6.41 -38.50	125.39 6.14 -39.44	134.61 5.86 -54.63	126.96 4.87 -59.59	138.84 5.26 -67.87	145.78 5.88 -67.26	159.63 5.73 -84.92	143.74 5.06 -77.02	135.98 5.81 -60.18	123.76 4.41 -63.50	120.63 4.24 -60.54	123.77 4.03 -63.78
CE_NYC_DRP 24195	92.00 4.90 -5.49	86.84 4.59 -1.66	84.73 4.16 -6.36	77.08 4.00 -2.93	77.59 4.05 -2.57	82.28 4.39 -3.58	82.06 4.50 -7.28	83.11 4.16 -13.90	88.71 4.86 -12.30	106.74 5.56 -23.92	121.63 6.45 -29.21	127.39 6.09 -38.98	126.81 6.16 -38.50	125.15 5.91 -39.44	134.31 5.56 -54.62	126.77 4.69 -59.59	138.57 4.99 -67.87	145.49 5.59 -67.26	154.38 5.31 -80.08	143.42 4.75 -77.01	135.63 5.46 -60.18	123.53 4.19 -63.49	120.40 4.02 -60.54	123.54 3.81 -63.77
CHAFFEE___LFGE 323603	78.11 -3.51 0.00	77.28 -3.31 0.00	71.17 -3.05 0.00	66.92 -3.23 0.00	67.64 -3.33 0.00	70.53 -3.79 0.00	65.99 -4.29 0.00	60.31 -5.85 -1.12	65.46 -6.08 0.00	73.75 -6.80 -3.29	81.41 -8.77 -4.20	81.56 -8.15 -7.40	80.09 -8.55 -6.48	78.34 -8.30 -6.83	77.18 -7.48 -10.54	65.83 -6.56 -9.90	72.16 -6.70 -13.15	76.19 -6.17 -9.72	77.03 -6.00 -14.05	69.90 -5.18 -13.42	74.29 -6.23 -10.52	55.96 -5.81 -5.92	61.00 -5.42 -10.57	63.07 -3.86 -10.97
CHATEAUG_35_KV_LOAD 355732	81.21 -0.41 0.00	80.35 -0.24 0.00	74.29 0.07 0.00	70.36 0.21 0.00	71.18 0.21 0.00	74.32 0.00 0.00	70.14 -0.14 0.00	64.98 -0.07 0.00	71.18 -0.36 0.00	76.87 -0.39 0.00	85.20 -0.77 0.00	81.74 -0.58 0.00	81.50 -0.66 0.00	79.33 -0.48 0.00	73.38 -0.74 0.00	61.86 -0.62 0.00	64.92 -0.79 0.00	70.96 -1.67 0.00	67.19 -1.79 0.00	60.18 -1.48 0.00	68.66 -1.33 0.00	55.12 -0.73 0.00	55.18 -0.67 0.00	55.40 -0.56 0.00
CHATEAUG_WT_PWR 323614	80.96 -0.66 0.00	80.11 -0.48 0.00	73.99 -0.22 0.00	70.22 0.07 0.00	70.97 0.00 0.00	74.10 -0.22 0.00	69.79 -0.49 0.00	64.79 -0.26 0.00	70.97 -0.57 0.00	76.64 -0.62 0.00	85.03 -0.94 0.00	81.49 -0.82 0.00	81.49 -0.66 0.00	79.25 -0.55 0.00	73.24 -0.89 0.00	61.74 -0.75 0.00	64.73 -0.98 0.00	70.89 -1.74 0.00	67.06 -1.93 0.00	60.06 -1.60 0.00	68.52 -1.47 0.00	54.95 -0.90 0.00	55.01 -0.84 0.00	55.29 -0.67 0.00
CHAT_HIGH_FALL_HYD 323578	81.21 -0.41 0.00	80.35 -0.24 0.00	74.29 0.07 0.00	70.36 0.21 0.00	71.18 0.21 0.00	74.32 0.00 0.00	70.14 -0.14 0.00	64.98 -0.07 0.00	71.18 -0.36 0.00	76.87 -0.39 0.00	85.20 -0.77 0.00	81.74 -0.58 0.00	81.50 -0.66 0.00	79.33 -0.48 0.00	73.38 -0.74 0.00	61.86 -0.62 0.00	64.92 -0.79 0.00	70.96 -1.67 0.00	67.19 -1.79 0.00	60.18 -1.48 0.00	68.66 -1.33 0.00	55.12 -0.73 0.00	55.18 -0.67 0.00	55.40 -0.56 0.00
CHAUTAUQUA___LFGE 323629	78.76 -2.86 0.00	78.01 -2.58 0.00	71.83 -2.38 0.00	67.41 -2.74 0.00	68.13 -2.84 0.00	71.05 -3.27 0.00	66.62 -3.66 0.00	61.02 -5.14 -1.12	66.17 -5.37 0.00	74.52 -6.03 -3.28	82.27 -7.91 -4.21	82.39 -7.33 -7.40	80.91 -7.73 -6.48	79.22 -7.42 -6.84	77.99 -6.67 -10.53	66.59 -5.81 -9.91	73.01 -5.85 -13.15	77.13 -5.23 -9.72	77.93 -5.10 -14.05	70.70 -4.38 -13.42	75.19 -5.32 -10.52	56.70 -5.08 -5.94	61.72 -4.69 -10.57	63.74 -3.19 -10.96
CHERRYST_13_KV_LD 356241	92.17 5.06 -5.49	87.01 4.75 -1.66	84.88 4.30 -6.36	77.22 4.14 -2.93	77.73 4.19 -2.57	82.51 4.61 -3.58	82.28 4.71 -7.28	83.24 4.29 -13.90	88.93 5.08 -12.30	106.98 5.79 -23.92	121.88 6.71 -29.21	127.63 6.34 -38.98	127.06 6.41 -38.50	125.39 6.14 -39.44	134.53 5.78 -54.62	126.95 4.87 -59.59	138.77 5.19 -67.87	145.63 5.74 -67.26	154.59 5.52 -80.08	143.61 4.93 -77.01	135.84 5.67 -60.18	123.64 4.30 -63.49	120.51 4.13 -60.54	123.65 3.92 -63.77

CHESTROR_138KV_BK263 355645	90.30 3.59 -5.09	85.60 3.47 -1.54	83.23 3.12 -5.90	75.82 2.95 -2.72	76.41 3.05 -2.39	80.91 3.27 -3.32	80.34 3.30 -6.76	81.03 3.06 -12.93	86.54 3.58 -11.42	103.57 4.09 -22.22	117.79 4.64 -27.17	123.06 4.45 -36.30	122.44 4.44 -35.85	120.84 4.31 -36.73	129.15 4.08 -50.95	121.46 3.44 -55.53	132.70 3.75 -63.25	139.24 4.14 -62.47	147.44 4.00 -74.45	136.84 3.58 -71.61	129.93 3.99 -55.95	117.90 3.02 -59.03	115.15 3.02 -56.28	118.12 2.85 -59.30
CH_MIDHUDSON___DRP 24192	92.18 4.73 -5.83	86.95 4.59 -1.76	85.13 4.16 -6.76	77.27 4.00 -3.12	77.75 4.05 -2.73	82.51 4.39 -3.80	82.38 4.36 -7.74	83.55 3.97 -14.54	89.27 4.65 -13.08	107.43 5.25 -24.91	121.90 5.85 -30.09	127.89 5.60 -39.97	127.25 5.59 -39.51	125.65 5.35 -40.49	135.00 5.04 -55.84	127.78 4.25 -61.04	139.92 4.67 -69.54	147.09 5.16 -69.30	155.67 4.90 -81.79	144.59 4.38 -78.55	136.31 4.90 -61.42	124.33 3.69 -64.79	121.29 3.69 -61.76	124.36 3.53 -64.87
CH_MISC_IPPS 23765	92.38 5.06 -5.70	87.23 4.92 -1.72	85.35 4.53 -6.61	77.48 4.28 -3.05	78.04 4.40 -2.67	82.80 4.76 -3.72	82.56 4.71 -7.57	83.52 4.23 -14.25	89.41 5.08 -12.79	107.31 5.64 -24.42	121.70 6.19 -29.53	127.58 6.01 -39.26	126.95 5.99 -38.80	125.32 5.75 -39.77	134.41 5.41 -54.87	127.01 4.56 -59.97	139.01 4.99 -68.31	145.98 5.52 -67.83	154.46 5.31 -80.16	143.35 4.68 -77.00	135.38 5.18 -60.20	123.27 3.91 -63.52	120.30 3.91 -60.54	123.33 3.75 -63.62
CH_RES_BVR_FALLS 23983	80.80 -0.82 0.00	79.79 -0.81 0.00	73.54 -0.67 0.00	69.66 -0.49 0.00	70.40 -0.57 0.00	73.65 -0.67 0.00	69.51 -0.77 0.00	64.33 -0.71 0.00	70.61 -0.93 0.00	76.25 -1.01 0.00	84.69 -1.29 0.00	81.09 -1.23 0.00	81.00 -1.15 0.00	78.69 -1.12 0.00	72.94 -1.19 0.00	61.49 -1.00 0.00	64.59 -1.12 0.00	71.04 -1.60 0.00	67.40 -1.58 0.00	60.25 -1.42 0.00	68.45 -1.54 0.00	54.84 -1.00 0.00	54.84 -1.00 0.00	54.96 -1.01 0.00
CH_RES_NIAGARA 23895	75.82 -5.79 0.00	74.87 -5.72 0.00	69.02 -5.19 0.00	65.24 -4.91 0.00	65.93 -5.04 0.00	68.60 -5.72 0.00	63.60 -6.68 0.00	58.71 -7.35 -1.01	62.96 -8.58 0.00	70.39 -9.81 -2.95	79.12 -10.75 -3.89	79.06 -9.96 -6.70	78.07 -10.02 -5.94	76.06 -9.98 -6.23	74.68 -8.97 -9.53	63.73 -7.87 -9.11	69.50 -8.08 -11.87	74.79 -7.70 -9.86	75.69 -7.52 -14.22	68.76 -6.47 -13.57	72.94 -7.70 -10.65	55.92 -6.98 -7.06	60.00 -6.53 -10.69	62.17 -4.87 -11.07
CH_RES_SYRACUSE 23985	81.13 -0.49 0.00	80.19 -0.40 0.00	73.77 -0.44 0.00	69.59 -0.56 0.00	70.40 -0.57 0.00	73.73 -0.60 0.00	69.79 -0.49 0.00	65.31 -0.45 -0.72	70.90 -0.65 0.00	78.59 -0.70 -2.02	88.57 -0.78 -3.37	86.48 -0.74 -4.90	86.17 -0.74 -4.76	83.89 -0.72 -4.80	80.31 -0.60 -6.78	69.52 -0.43 -7.46	73.70 -0.39 -8.38	75.71 0.29 -2.79	75.04 0.35 -5.70	68.27 0.31 -6.30	74.77 0.21 -4.57	60.59 -0.17 -4.91	60.46 -0.17 -4.78	62.53 0.00 -6.57
CLINTON_WT_PWR 323605	80.96 -0.66 0.00	80.11 -0.48 0.00	73.99 -0.22 0.00	70.22 0.07 0.00	70.97 0.00 0.00	74.10 -0.22 0.00	69.79 -0.49 0.00	64.79 -0.26 0.00	70.97 -0.57 0.00	76.64 -0.62 0.00	85.03 -0.94 0.00	81.49 -0.82 0.00	81.49 -0.66 0.00	79.25 -0.55 0.00	73.24 -0.89 0.00	61.74 -0.75 0.00	64.73 -0.98 0.00	70.89 -1.74 0.00	67.06 -1.93 0.00	60.06 -1.60 0.00	68.52 -1.47 0.00	54.95 -0.90 0.00	55.01 -0.84 0.00	55.29 -0.67 0.00
CLINTON___LFGE 323618	82.68 1.06 0.00	81.80 1.21 0.00	75.70 1.48 0.00	71.90 1.75 0.00	72.67 1.70 0.00	75.73 1.41 0.00	71.19 0.91 0.00	66.15 1.10 0.00	72.40 0.86 0.00	78.11 0.85 0.00	86.40 0.43 0.00	82.90 0.58 0.00	82.89 0.74 0.00	80.60 0.80 0.00	74.50 0.37 0.00	62.93 0.44 0.00	66.04 0.33 0.00	72.13 -0.50 0.00	68.23 -0.76 0.00	61.11 -0.56 0.00	69.85 -0.14 0.00	56.01 0.17 0.00	56.07 0.22 0.00	56.52 0.56 0.00
COBBLENY_34_KV_TB1 80064	78.11 -3.51 0.00	77.13 -3.47 0.00	71.17 -3.04 0.00	67.06 -3.09 0.00	67.78 -3.19 0.00	70.61 -3.72 0.00	65.99 -4.29 0.00	60.31 -5.85 -1.12	65.68 -5.87 0.00	73.75 -6.80 -3.29	81.58 -8.60 -4.20	81.40 -8.31 -7.40	80.25 -8.38 -6.48	78.34 -8.30 -6.83	77.17 -7.49 -10.54	65.83 -6.56 -9.90	72.16 -6.70 -13.15	77.41 -6.17 -10.95	78.75 -6.00 -15.77	71.52 -5.18 -15.04	75.64 -6.16 -11.80	57.42 -5.70 -7.27	62.27 -5.42 -11.85	64.35 -3.86 -12.25
COFFEEN___115KV_TB3 355620	86.19 4.57 0.00	85.11 4.51 0.00	78.15 3.93 0.00	73.87 3.72 0.00	74.66 3.69 0.00	78.26 3.94 0.00	74.22 3.94 0.00	69.47 4.03 -0.39	75.62 4.08 0.00	80.97 3.71 0.00	90.92 4.21 -0.74	87.43 3.54 -1.57	87.18 3.53 -1.49	84.99 3.67 -1.52	81.09 3.26 -3.71	68.33 2.87 -2.97	72.47 3.29 -3.47	78.82 4.36 -1.83	76.94 4.21 -3.74	69.50 3.70 -4.14	77.05 4.06 -3.00	62.03 2.96 -3.22	61.94 2.96 -3.14	63.29 3.02 -4.31
COLDSPRG_115KV_BK1 355956	81.14 -1.88 -1.40	79.08 -1.93 -0.42	74.65 -1.19 -1.62	69.42 -1.47 -0.75	70.06 -1.56 -0.66	73.30 -1.93 -0.91	69.75 -2.39 -1.86	63.66 -4.62 -3.24	70.96 -3.72 -3.14	78.38 -4.40 -5.52	84.15 -6.79 -4.97	83.14 -6.91 -7.74	81.99 -7.07 -6.90	80.30 -6.94 -7.43	78.93 -6.23 -11.04	67.31 -5.44 -10.25	74.21 -5.52 -14.02	82.36 -4.94 -14.67	80.76 -4.76 -16.53	73.29 -4.13 -15.76	77.40 -4.97 -12.38	58.40 -4.69 -7.24	63.80 -4.47 -12.42	65.82 -2.97 -12.83
COLONIE_LFGE___ 323577	135.02 4.90 -48.51	100.01 4.75 -14.66	134.83 4.38 -56.24	100.23 4.14 -25.94	97.89 4.19 -22.74	110.39 4.46 -31.61	138.97 4.29 -64.40	147.74 3.84 -78.85	184.76 4.44 -108.78	211.63 4.79 -129.58	184.80 5.16 -93.67	173.90 4.86 -86.73	178.33 4.85 -91.33	181.29 4.71 -96.77	146.41 4.37 -67.91	178.53 3.69 -112.35	199.03 3.94 -129.38	321.97 4.43 -244.91	232.03 4.14 -158.91	198.91 3.70 -133.55	186.86 4.13 -112.73	175.87 3.18 -116.84	168.09 3.24 -109.01	137.91 3.13 -78.82
COOPERNY_115KV_TB1 80082	88.54 2.69 -4.23	84.45 2.58 -1.28	81.41 2.30 -4.90	74.65 2.24 -2.26	75.22 2.27 -1.98	79.53 2.45 -2.75	78.35 2.46 -5.61	77.98 2.28 -10.65	83.66 2.65 -9.48	98.59 3.01 -18.32	111.79 3.52 -22.29	115.32 3.29 -29.71	114.79 3.29 -29.35	113.07 3.19 -30.07	118.66 2.96 -41.57	110.38 2.50 -45.39	120.17 2.76 -51.70	127.02 3.12 -51.26	132.81 2.97 -60.85	122.79 2.65 -58.48	118.71 3.01 -45.71	106.36 2.29 -48.23	104.05 2.23 -45.97	106.49 2.18 -48.35
COPENHAGEN_WT_PWR 323753	85.12 3.51 0.00	84.06 3.46 0.00	77.18 2.97 0.00	72.96 2.81 0.00	73.73 2.77 0.00	77.30 2.98 0.00	73.23 2.95 0.00	68.58 3.12 -0.41	74.69 3.14 0.00	80.04 2.78 0.00	89.92 3.18 -0.76	86.58 2.63 -1.63	86.33 2.63 -1.55	84.09 2.71 -1.57	80.33 2.37 -3.84	67.75 2.19 -3.08	71.74 2.43 -3.59	77.51 3.34 -1.53	75.36 3.24 -3.13	67.96 2.84 -3.46	75.58 3.08 -2.51	60.72 2.18 -2.70	60.76 2.29 -2.63	61.86 2.30 -3.61
CORNELL_____ 23752	85.18 1.71 -1.85	82.92 1.77 -0.56	77.91 1.56 -2.14	72.40 1.26 -0.99	73.18 1.35 -0.87	76.86 1.34 -1.20	74.14 1.41 -2.45	70.28 1.11 -4.13	76.90 1.22 -4.14	85.51 1.16 -7.10	99.96 1.03 -12.96	94.62 0.82 -11.48	97.42 0.82 -14.44	94.10 0.80 -13.50	88.17 0.89 -13.15	86.19 0.87 -22.83	83.81 1.12 -16.98	92.85 1.89 -18.33	91.01 1.93 -20.09	82.36 1.66 -19.03	86.74 1.75 -15.00	95.13 1.01 -38.28	71.82 0.95 -15.02	72.42 1.18 -15.29

CORONA__69_KV_TB1 355595	120.95 6.20 -33.13	95.24 5.96 -8.69	93.75 5.42 -14.12	88.62 5.12 -13.35	88.63 5.25 -12.41	94.35 5.57 -14.45	132.25 5.55 -56.42	141.73 5.07 -71.61	137.39 5.94 -59.91	139.90 6.72 -55.92	164.10 7.74 -70.39	166.44 7.41 -76.72	163.63 7.39 -74.08	167.28 7.18 -80.29	162.64 6.75 -81.77	168.38 5.62 -100.27	175.87 6.05 -104.11	182.41 6.76 -103.02	185.46 6.42 -110.06	175.80 5.73 -108.41	167.89 6.51 -91.39	150.77 5.03 -89.90	144.20 4.91 -83.44	136.51 4.70 -75.85
CORTLAND__115KV_TB3 80093	83.91 0.90 -1.39	81.90 0.89 -0.42	76.64 0.82 -1.61	71.52 0.63 -0.74	72.26 0.64 -0.65	75.90 0.67 -0.91	72.83 0.70 -1.85	68.70 0.46 -3.20	75.23 0.57 -3.12	83.18 0.46 -5.46	93.89 0.34 -7.57	90.97 0.25 -8.40	91.56 0.25 -9.15	89.09 0.24 -9.04	85.23 0.30 -10.81	77.00 0.31 -14.20	79.92 0.46 -13.75	88.17 1.09 -14.45	86.32 1.10 -16.23	78.11 0.99 -15.46	83.12 0.98 -12.14	75.15 0.45 -18.85	68.48 0.45 -12.18	69.14 0.62 -12.57
COXSACKIE__GT 23611	109.12 6.53 -20.97	93.54 6.61 -6.34	104.53 6.01 -24.31	87.18 5.82 -11.21	86.62 5.82 -9.83	94.15 6.17 -13.66	103.74 5.62 -27.84	107.88 5.08 -37.75	124.29 5.73 -47.02	145.96 5.95 -62.75	146.35 6.27 -54.11	147.04 5.85 -58.88	148.04 5.75 -60.13	148.03 5.50 -62.72	143.39 5.34 -63.92	150.23 4.75 -83.00	166.33 5.58 -95.04	213.35 6.10 -134.62	188.64 5.66 -114.00	169.46 4.87 -102.92	158.51 5.18 -83.34	146.90 3.85 -87.20	142.23 4.07 -82.30	133.94 3.81 -74.17
CPV_VALLEY__CC1 323721	89.28 2.93 -4.73	84.76 2.74 -1.43	82.22 2.52 -5.49	75.07 2.39 -2.53	75.60 2.41 -2.22	80.08 2.67 -3.08	79.30 2.74 -6.28	79.56 2.47 -12.04	85.16 3.00 -10.61	101.36 3.40 -20.70	115.29 3.96 -25.36	119.93 3.71 -33.90	119.33 3.70 -33.48	117.69 3.59 -34.29	125.15 3.41 -47.61	117.23 2.88 -51.87	127.87 3.09 -59.07	134.19 3.49 -58.07	141.67 3.38 -69.30	131.29 2.96 -66.66	125.43 3.36 -52.08	113.37 2.57 -54.96	110.76 2.52 -52.40	113.60 2.40 -55.23
CPV_VALLEY__CC2 323722	89.28 2.93 -4.73	84.76 2.74 -1.43	82.22 2.52 -5.49	75.07 2.39 -2.53	75.60 2.41 -2.22	80.08 2.67 -3.08	79.30 2.74 -6.28	79.56 2.47 -12.04	85.16 3.00 -10.61	101.36 3.40 -20.70	115.29 3.96 -25.36	119.93 3.71 -33.90	119.33 3.70 -33.48	117.69 3.59 -34.29	125.15 3.41 -47.61	117.23 2.88 -51.87	127.87 3.09 -59.07	134.19 3.49 -58.07	141.67 3.38 -69.30	131.29 2.96 -66.66	125.43 3.36 -52.08	113.37 2.57 -54.96	110.76 2.52 -52.40	113.60 2.40 -55.23
CRESCENT__HYD 24018	135.02 4.90 -48.51	100.01 4.75 -14.66	134.83 4.38 -56.24	100.23 4.14 -25.94	97.89 4.19 -22.74	110.39 4.46 -31.61	138.97 4.29 -64.40	147.74 3.84 -78.85	184.76 4.44 -108.78	211.63 4.79 -129.58	184.80 5.16 -93.67	173.90 4.86 -86.73	178.33 4.85 -91.33	181.29 4.71 -96.77	146.41 4.37 -67.91	178.53 3.69 -112.35	199.03 3.94 -129.38	321.97 4.43 -244.91	232.03 4.14 -158.91	198.91 3.70 -133.55	186.86 4.13 -112.73	175.87 3.18 -116.84	168.09 3.24 -109.01	137.91 3.13 -78.82
CRICKET__VALLEY_CC1 323756	92.64 4.32 -6.70	86.80 4.19 -2.02	85.76 3.78 -7.77	77.38 3.65 -3.58	77.80 3.69 -3.14	82.70 4.01 -4.36	83.11 3.93 -8.89	84.63 3.58 -16.01	90.78 4.22 -15.02	109.31 4.71 -27.34	123.04 5.07 -31.99	129.07 4.86 -41.89	128.50 4.85 -41.50	127.10 4.71 -42.59	136.23 4.45 -57.66	129.83 3.69 -63.65	142.26 4.01 -72.54	151.01 4.36 -74.02	158.52 4.28 -85.25	147.06 3.82 -81.57	138.25 4.34 -63.92	126.59 3.35 -67.40	123.40 3.35 -64.21	126.02 3.19 -66.87
CRICKET__VALLEY_CC2 323757	92.64 4.32 -6.70	86.80 4.19 -2.02	85.76 3.78 -7.77	77.38 3.65 -3.58	77.80 3.69 -3.14	82.70 4.01 -4.36	83.11 3.93 -8.89	84.63 3.58 -16.01	90.78 4.22 -15.02	109.31 4.71 -27.34	123.04 5.07 -31.99	129.07 4.86 -41.89	128.50 4.85 -41.50	127.10 4.71 -42.59	136.23 4.45 -57.66	129.83 3.69 -63.65	142.26 4.01 -72.54	151.01 4.36 -74.02	158.52 4.28 -85.25	147.06 3.82 -81.57	138.25 4.34 -63.92	126.59 3.35 -67.40	123.40 3.35 -64.21	126.02 3.19 -66.87
CRICKET__VALLEY_CC3 323758	92.64 4.32 -6.70	86.80 4.19 -2.02	85.76 3.78 -7.77	77.38 3.65 -3.58	77.80 3.69 -3.14	82.70 4.01 -4.36	83.11 3.93 -8.89	84.63 3.58 -16.01	90.78 4.22 -15.02	109.31 4.71 -27.34	123.04 5.07 -31.99	129.07 4.86 -41.89	128.50 4.85 -41.50	127.10 4.71 -42.59	136.23 4.45 -57.66	129.83 3.69 -63.65	142.26 4.01 -72.54	151.01 4.36 -74.02	158.52 4.28 -85.25	147.06 3.82 -81.57	138.25 4.34 -63.92	126.59 3.35 -67.40	123.40 3.35 -64.21	126.02 3.19 -66.87
CRUCIBLE_METL_DRP 24180	81.13 -0.49 0.00	80.19 -0.40 0.00	73.77 -0.45 0.00	69.59 -0.56 0.00	70.47 -0.50 0.00	73.73 -0.59 0.00	69.79 -0.49 0.00	65.31 -0.46 -0.72	70.97 -0.57 0.00	78.59 -0.70 -2.02	88.57 -0.77 -3.37	86.48 -0.74 -4.90	86.25 -0.66 -4.76	83.89 -0.72 -4.80	80.32 -0.59 -6.78	69.51 -0.44 -7.46	73.69 -0.39 -8.38	79.81 0.29 -6.89	79.34 0.34 -10.01	71.56 0.31 -9.59	77.71 0.21 -7.51	63.65 -0.11 -7.92	63.22 -0.17 -7.55	63.85 0.00 -7.89
DAHOWA__HYDRO 323763	145.29 6.37 -57.30	104.11 6.21 -17.32	146.36 5.71 -66.43	106.19 5.40 -30.64	103.29 5.47 -26.86	117.38 5.72 -37.33	151.97 5.62 -76.07	162.07 5.08 -91.94	205.82 5.79 -128.48	234.31 6.26 -150.79	198.90 6.79 -106.14	184.14 6.43 -95.40	189.73 6.49 -101.08	193.47 6.23 -107.43	148.78 5.71 -68.95	188.79 4.88 -121.42	210.91 5.19 -140.01	358.30 5.88 -279.78	247.33 5.52 -172.82	209.54 4.93 -142.95	197.20 5.39 -121.81	186.02 4.19 -125.98	177.21 4.13 -117.23	140.14 4.14 -80.03
DANC__LFGE 323619	83.74 2.12 0.00	82.68 2.09 0.00	75.99 1.78 0.00	71.76 1.61 0.00	72.60 1.63 0.00	75.96 1.63 0.00	71.90 1.62 0.00	67.29 1.76 -0.48	73.33 1.79 0.00	78.72 1.46 0.00	88.69 1.81 -0.91	85.73 1.48 -1.93	85.47 1.48 -1.83	83.18 1.51 -1.87	80.01 1.34 -4.55	67.39 1.25 -3.65	71.42 1.44 -4.27	76.70 2.25 -1.81	74.90 2.21 -3.70	67.67 1.91 -4.09	74.99 2.03 -2.97	60.37 1.34 -3.19	60.40 1.45 -3.11	61.74 1.51 -4.27
DANSKAMMER__1 23586	92.38 5.06 -5.70	87.23 4.92 -1.72	85.35 4.53 -6.61	77.48 4.28 -3.05	78.04 4.40 -2.67	82.80 4.76 -3.72	82.56 4.71 -7.57	83.52 4.23 -14.25	89.41 5.08 -12.79	107.31 5.64 -24.42	121.70 6.19 -29.53	127.58 6.01 -39.26	126.95 5.99 -38.80	125.32 5.75 -39.77	134.41 5.41 -54.87	127.01 4.56 -59.97	139.01 4.99 -68.31	145.98 5.52 -67.83	154.46 5.31 -80.16	143.35 4.68 -77.00	135.38 5.18 -60.20	123.27 3.91 -63.52	120.30 3.91 -60.54	123.33 3.75 -63.62
DANSKAMMER__2 23589	92.38 5.06 -5.70	87.23 4.92 -1.72	85.35 4.53 -6.61	77.48 4.28 -3.05	78.04 4.40 -2.67	82.80 4.76 -3.72	82.56 4.71 -7.57	83.52 4.23 -14.25	89.41 5.08 -12.79	107.31 5.64 -24.42	121.70 6.19 -29.53	127.58 6.01 -39.26	126.95 5.99 -38.80	125.32 5.75 -39.77	134.41 5.41 -54.87	127.01 4.56 -59.97	139.01 4.99 -68.31	145.98 5.52 -67.83	154.46 5.31 -80.16	143.35 4.68 -77.00	135.38 5.18 -60.20	123.27 3.91 -63.52	120.30 3.91 -60.54	123.33 3.75 -63.62
DANSKAMMER__3 23590	92.38 5.06 -5.70	87.23 4.92 -1.72	85.35 4.53 -6.61	77.48 4.28 -3.05	78.04 4.40 -2.67	82.80 4.76 -3.72	82.56 4.71 -7.57	83.52 4.23 -14.25	89.41 5.08 -12.79	107.31 5.64 -24.42	121.70 6.19 -29.53	127.58 6.01 -39.26	126.95 5.99 -38.80	125.32 5.75 -39.77	134.41 5.41 -54.87	127.01 4.56 -59.97	139.01 4.99 -68.31	145.98 5.52 -67.83	154.46 5.31 -80.16	143.35 4.68 -77.00	135.38 5.18 -60.20	123.27 3.91 -63.52	120.30 3.91 -60.54	123.33 3.75 -63.62

DANSKAMMER___4 23591	92.38 5.06 -5.70	87.23 4.92 -1.72	85.35 4.53 -6.61	77.48 4.28 -3.05	78.04 4.40 -2.67	82.80 4.76 -3.72	82.56 4.71 -7.57	83.52 4.23 -14.25	89.41 5.08 -12.79	107.31 5.64 -24.42	121.70 6.19 -29.53	127.58 6.01 -39.26	126.95 5.99 -38.80	125.32 5.75 -39.77	134.41 5.41 -54.87	127.01 4.56 -59.97	139.01 4.99 -68.31	145.98 5.52 -67.83	154.46 5.31 -80.16	143.35 4.68 -77.00	135.38 5.18 -60.20	123.27 3.91 -63.52	120.30 3.91 -60.54	123.33 3.75 -63.62
DANSKAMMER___DIESEL 23592	92.38 5.06 -5.70	87.23 4.92 -1.72	85.28 4.45 -6.61	77.48 4.28 -3.05	77.97 4.33 -2.67	82.72 4.68 -3.72	82.49 4.64 -7.57	83.52 4.23 -14.25	89.34 5.01 -12.79	107.31 5.64 -24.42	121.69 6.19 -29.53	127.50 5.93 -39.26	126.95 6.00 -38.80	125.32 5.75 -39.77	134.41 5.41 -54.87	127.02 4.56 -59.97	139.02 4.99 -68.31	146.15 5.52 -67.99	154.64 5.31 -80.34	143.52 4.69 -77.17	135.51 5.18 -60.34	123.41 3.91 -63.66	120.43 3.91 -60.68	123.46 3.75 -63.75
DARBY___SOLAR 323810	143.78 5.95 -56.21	103.39 5.81 -16.99	144.73 5.35 -65.17	105.27 5.05 -30.06	102.43 5.11 -26.35	116.30 5.35 -36.63	150.11 5.20 -74.63	160.12 4.75 -90.32	203.02 5.43 -126.05	231.30 5.87 -148.17	196.93 6.36 -104.59	182.57 5.93 -94.32	188.02 5.99 -99.87	191.73 5.82 -106.11	148.27 5.34 -68.80	187.33 4.56 -120.28	209.25 4.86 -138.67	353.62 5.52 -275.46	245.25 5.18 -171.08	208.05 4.63 -141.76	195.71 5.04 -120.68	184.59 3.91 -124.83	175.95 3.91 -116.20	139.68 3.86 -79.86
DASHVILLE___HYD 23610	93.70 3.26 -8.81	86.48 3.22 -2.66	87.32 2.89 -10.22	77.67 2.81 -4.71	77.94 2.84 -4.13	83.19 3.12 -5.74	85.21 3.23 -11.70	86.98 2.93 -19.00	94.81 3.51 -19.76	113.45 4.02 -32.17	124.78 4.38 -34.42	129.51 4.12 -43.08	129.24 4.11 -42.98	128.06 3.99 -44.27	134.33 3.78 -56.43	130.11 3.25 -64.37	142.82 3.68 -73.43	158.06 4.07 -81.36	159.71 3.86 -86.86	147.19 3.45 -82.07	138.46 3.71 -64.76	126.76 2.74 -68.17	123.46 2.79 -64.82	124.05 2.52 -65.57
DEERFIELD_69_KV_DEERFIELD LD 355887	123.24 8.49 -33.13	97.74 8.46 -8.69	96.13 7.79 -14.12	91.07 7.58 -13.35	91.18 7.81 -12.41	97.40 8.62 -14.45	135.46 8.71 -56.46	144.69 8.00 -71.65	139.96 8.51 -59.91	142.37 9.19 -55.92	167.50 11.09 -70.43	169.16 10.13 -76.72	166.26 10.02 -74.08	169.51 9.42 -80.29	164.86 8.97 -81.77	170.38 7.62 -100.27	177.91 8.08 -104.11	184.59 8.93 -103.02	187.19 8.14 -110.06	177.45 7.34 -108.45	169.40 7.98 -91.43	151.66 5.92 -89.90	144.93 5.64 -83.44	137.52 5.71 -75.85
DELAWARE___LFGE 323621	93.03 3.18 -8.23	86.22 3.14 -2.49	86.50 2.75 -9.54	77.15 2.60 -4.40	77.45 2.63 -3.86	82.51 2.82 -5.36	84.02 2.81 -10.93	82.29 2.54 -14.71	92.93 2.93 -18.45	106.43 3.17 -26.00	111.99 3.61 -22.41	109.67 3.29 -24.06	110.01 3.29 -24.57	108.58 3.19 -25.58	101.10 2.89 -24.08	98.07 2.44 -33.14	106.00 2.56 -37.73	130.48 3.05 -54.80	117.89 2.97 -45.93	105.02 2.65 -40.71	106.18 2.87 -33.32	92.80 2.18 -34.77	90.69 2.12 -32.72	86.14 2.18 -27.99
DERFIELD_115KV_TB7 355931	82.60 0.98 0.00	81.48 0.89 0.00	75.03 0.82 0.00	70.92 0.77 0.00	71.75 0.78 0.00	75.14 0.82 0.00	71.12 0.84 0.00	65.83 0.78 0.00	72.40 0.86 0.00	78.19 0.93 0.00	87.09 1.12 0.00	83.31 0.99 0.00	83.14 0.99 0.00	80.76 0.96 0.00	75.01 0.89 0.00	63.24 0.75 0.00	66.50 0.79 0.00	73.36 0.73 0.00	69.68 0.69 0.00	62.28 0.62 0.00	70.69 0.70 0.00	56.35 0.50 0.00	56.35 0.50 0.00	56.47 0.50 0.00
DOGLEVILLE___HYD 23807	84.47 2.86 0.00	83.33 2.74 0.00	76.66 2.45 0.00	72.46 2.31 0.00	73.31 2.34 0.00	76.85 2.53 0.00	72.67 2.39 0.00	67.26 2.21 0.00	74.04 2.50 0.00	79.96 2.70 0.00	88.98 3.01 0.00	85.20 2.88 0.00	85.03 2.87 0.00	82.60 2.79 0.00	76.72 2.59 0.00	64.68 2.19 0.00	67.75 2.04 0.00	74.74 2.11 0.00	70.99 2.00 0.00	63.45 1.79 0.00	71.95 1.96 0.00	57.52 1.67 0.00	57.63 1.79 0.00	57.81 1.84 0.00
DUNKIRK___115KV_TB_200 55889	78.68 -2.94 0.00	77.69 -2.90 0.00	71.69 -2.52 0.00	67.48 -2.67 0.00	68.20 -2.77 0.00	71.05 -3.27 0.00	66.56 -3.72 0.00	60.96 -5.20 -1.12	66.25 -5.29 0.00	74.43 -6.10 -3.28	82.44 -7.74 -4.20	82.21 -7.49 -7.39	81.07 -7.56 -6.47	79.13 -7.50 -6.83	77.97 -6.67 -10.51	66.57 -5.81 -9.90	72.92 -5.91 -13.13	78.26 -5.30 -10.93	79.55 -5.17 -15.73	72.23 -4.44 -15.01	76.38 -5.39 -11.78	58.05 -5.08 -7.28	62.92 -4.75 -11.82	64.94 -3.25 -12.22
DUNKIRK___1 23563	78.68 -2.94 0.00	77.69 -2.90 0.00	71.69 -2.52 0.00	67.48 -2.67 0.00	68.20 -2.77 0.00	71.05 -3.27 0.00	66.56 -3.72 0.00	60.96 -5.20 -1.12	66.25 -5.29 0.00	74.43 -6.10 -3.28	82.44 -7.74 -4.20	82.21 -7.49 -7.39	81.07 -7.56 -6.47	79.13 -7.50 -6.83	77.97 -6.67 -10.51	66.57 -5.81 -9.90	72.92 -5.91 -13.13	78.26 -5.30 -10.93	79.55 -5.17 -15.73	72.23 -4.44 -15.01	76.38 -5.39 -11.78	58.05 -5.08 -7.28	62.92 -4.75 -11.82	64.94 -3.25 -12.22
DUNKIRK___2 23564	78.68 -2.94 0.00	77.69 -2.90 0.00	71.69 -2.52 0.00	67.48 -2.67 0.00	68.20 -2.77 0.00	71.05 -3.27 0.00	66.56 -3.72 0.00	60.96 -5.20 -1.12	66.25 -5.29 0.00	74.43 -6.10 -3.28	82.44 -7.74 -4.20	82.21 -7.49 -7.39	81.07 -7.56 -6.47	79.13 -7.50 -6.83	77.97 -6.67 -10.51	66.57 -5.81 -9.90	72.92 -5.91 -13.13	78.26 -5.30 -10.93	79.55 -5.17 -15.73	72.23 -4.44 -15.01	76.38 -5.39 -11.78	58.05 -5.08 -7.28	62.92 -4.75 -11.82	64.94 -3.25 -12.22
DUNKIRK___3 23565	78.27 -3.35 0.00	77.29 -3.30 0.00	71.39 -2.82 0.00	67.20 -2.95 0.00	67.92 -3.05 0.00	70.75 -3.57 0.00	66.21 -4.08 0.00	60.63 -5.53 -1.11	65.89 -5.65 0.00	74.03 -6.49 -3.27	82.00 -8.17 -4.20	81.86 -7.82 -7.36	80.73 -7.89 -6.46	78.79 -7.82 -6.81	77.56 -7.04 -10.48	66.24 -6.12 -9.88	72.54 -6.24 -13.08	77.85 -5.67 -10.88	79.14 -5.52 -15.67	71.80 -4.81 -14.95	75.99 -5.74 -11.73	57.80 -5.36 -7.31	62.60 -5.03 -11.78	64.61 -3.53 -12.18
DUNKIRK___4 23566	78.27 -3.35 0.00	77.29 -3.30 0.00	71.39 -2.82 0.00	67.20 -2.95 0.00	67.92 -3.05 0.00	70.75 -3.57 0.00	66.21 -4.08 0.00	60.63 -5.53 -1.11	65.89 -5.65 0.00	74.03 -6.49 -3.27	82.00 -8.17 -4.20	81.86 -7.82 -7.36	80.73 -7.89 -6.46	78.79 -7.82 -6.81	77.56 -7.04 -10.48	66.24 -6.12 -9.88	72.54 -6.24 -13.08	77.85 -5.67 -10.88	79.14 -5.52 -15.67	71.80 -4.81 -14.95	75.99 -5.74 -11.73	57.80 -5.36 -7.31	62.60 -5.03 -11.78	64.61 -3.53 -12.18
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	92.00 4.90 -5.49	86.76 4.51 -1.66	84.66 4.08 -6.36	77.01 3.93 -2.93	77.52 3.97 -2.57	82.28 4.39 -3.58	81.92 4.36 -7.28	82.98 4.03 -13.90	88.57 4.72 -12.30	106.59 5.41 -23.92	121.37 6.19 -29.21	127.22 5.93 -38.98	126.57 5.92 -38.50	124.99 5.75 -39.44	134.16 5.41 -54.62	126.58 4.50 -59.59	138.44 4.86 -67.87	145.27 5.37 -67.26	154.25 5.17 -80.09	143.30 4.62 -77.02	135.42 5.25 -60.18	123.42 4.08 -63.50	120.29 3.91 -60.54	123.43 3.69 -63.77
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	91.30 4.16 -5.52	86.29 4.03 -1.67	84.25 3.64 -6.40	76.61 3.51 -2.95	77.11 3.55 -2.59	81.79 3.86 -3.60	81.48 3.87 -7.33	82.36 3.51 -13.80	88.15 4.22 -12.38	105.63 4.71 -23.66	119.92 5.33 -28.62	125.47 5.10 -38.05	124.85 5.09 -37.60	123.29 4.95 -38.54	131.96 4.67 -53.17	124.54 3.94 -58.11	136.24 4.34 -66.20	143.34 4.79 -65.91	151.50 4.62 -77.89	140.55 4.07 -74.81	133.04 4.55 -58.49	121.02 3.46 -61.71	118.08 3.41 -58.82	121.01 3.25 -61.80

E179THST_138_KV_TB4_REV_LBMP_J 345001	92.66 5.55 -5.50	87.50 5.24 -1.67	85.18 4.60 -6.36	77.43 4.35 -2.93	78.01 4.47 -2.57	82.65 4.76 -3.58	82.42 4.85 -7.28	83.05 4.10 -13.90	88.71 4.86 -12.30	106.82 5.64 -23.92	121.71 6.53 -29.21	127.31 6.01 -38.98	126.73 6.08 -38.50	125.07 5.83 -39.44	134.24 5.49 -54.63	126.71 4.62 -59.59	138.58 4.99 -67.87	145.56 5.67 -67.26	154.54 5.45 -80.10	143.49 4.81 -77.02	135.70 5.53 -60.18	123.65 4.30 -63.50	120.52 4.13 -60.54	123.65 3.92 -63.78
E179THST_13_KV_LOAD 356214	93.07 5.96 -5.50	87.82 5.56 -1.67	85.47 4.90 -6.36	77.71 4.63 -2.93	78.23 4.68 -2.57	82.95 5.05 -3.58	82.70 5.13 -7.28	83.31 4.36 -13.90	89.00 5.15 -12.30	107.21 6.03 -23.92	122.14 6.96 -29.21	127.64 6.34 -38.98	127.06 6.41 -38.50	125.47 6.22 -39.44	134.61 5.86 -54.63	127.02 4.94 -59.59	138.91 5.32 -67.87	145.93 6.03 -67.26	154.88 5.79 -80.10	143.80 5.12 -77.02	136.05 5.88 -60.18	123.87 4.52 -63.50	120.80 4.41 -60.54	123.93 4.20 -63.78
EAST HAMPTON___GT 23717	123.16 8.41 -33.13	97.74 8.46 -8.69	96.35 8.02 -14.12	91.35 7.86 -13.35	91.61 8.23 -12.41	98.06 9.29 -14.45	136.23 9.48 -56.46	145.54 8.84 -71.65	141.04 9.59 -59.91	143.45 10.28 -55.92	168.53 12.12 -70.43	170.23 11.19 -76.72	167.25 11.01 -74.08	170.47 10.37 -80.29	165.68 9.78 -81.77	171.01 8.25 -100.27	178.57 8.74 -104.11	185.23 9.74 -102.86	187.42 8.55 -109.88	177.27 7.33 -108.28	168.92 7.63 -91.30	150.91 5.31 -89.76	144.12 4.97 -83.31	136.94 5.26 -75.72
EAST RIVER___6 23660	91.84 4.73 -5.49	86.60 4.35 -1.66	84.50 3.93 -6.36	76.87 3.79 -2.93	77.37 3.83 -2.57	82.13 4.23 -3.58	81.93 4.36 -7.28	82.98 4.03 -13.90	88.64 4.79 -12.30	106.67 5.49 -23.92	121.54 6.36 -29.21	127.30 6.01 -38.98	126.65 5.99 -38.50	124.99 5.75 -39.44	134.23 5.49 -54.62	126.64 4.56 -59.59	138.51 4.93 -67.87	145.10 5.37 -67.09	154.00 5.10 -79.90	143.13 4.63 -76.85	135.42 5.39 -60.04	123.27 4.07 -63.35	120.10 3.85 -60.40	123.24 3.64 -63.64
EAST RIVER___7 23524	91.84 4.73 -5.49	86.60 4.35 -1.66	84.50 3.93 -6.36	76.87 3.79 -2.93	77.37 3.83 -2.57	82.13 4.23 -3.58	81.93 4.36 -7.28	82.98 4.03 -13.90	88.64 4.79 -12.30	106.67 5.49 -23.92	121.54 6.36 -29.21	127.30 6.01 -38.98	126.65 5.99 -38.50	124.99 5.75 -39.44	134.23 5.49 -54.62	126.64 4.56 -59.59	138.51 4.93 -67.87	145.10 5.37 -67.09	154.00 5.10 -79.90	143.13 4.63 -76.85	135.42 5.39 -60.04	123.27 4.07 -63.35	120.10 3.85 -60.40	123.24 3.64 -63.64
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	91.67 4.57 -5.48	86.60 4.35 -1.66	84.50 3.93 -6.35	76.87 3.79 -2.93	77.37 3.83 -2.57	82.06 4.16 -3.57	81.78 4.22 -7.28	82.77 3.84 -13.88	88.41 4.58 -12.29	106.32 5.18 -23.88	121.06 5.93 -29.16	126.91 5.68 -38.92	126.26 5.67 -38.44	124.69 5.51 -39.38	133.86 5.19 -54.55	126.36 4.37 -59.50	138.14 4.67 -67.77	144.99 5.23 -67.12	153.87 4.97 -79.92	142.96 4.44 -76.85	135.08 5.04 -60.05	123.06 3.85 -63.36	120.00 3.74 -60.41	123.18 3.58 -63.64
EAST_HAMPTON___DIESEL 23722	122.99 8.24 -33.13	97.66 8.38 -8.69	96.28 7.94 -14.12	91.28 7.79 -13.35	91.53 8.16 -12.41	98.06 9.29 -14.45	136.23 9.48 -56.46	145.54 8.84 -71.65	141.04 9.59 -59.91	143.45 10.28 -55.92	168.53 12.12 -70.43	170.23 11.19 -76.72	167.25 11.01 -74.08	170.47 10.37 -80.29	165.68 9.78 -81.77	170.94 8.18 -100.27	178.57 8.74 -104.11	185.23 9.74 -102.86	187.35 8.48 -109.88	177.15 7.21 -108.28	168.78 7.49 -91.30	150.80 5.19 -89.76	144.01 4.86 -83.31	136.83 5.15 -75.72
EAST_POINT___SOLAR 323840	147.03 7.59 -57.82	105.48 7.41 -17.47	148.08 6.82 -67.04	107.46 6.38 -30.92	104.53 6.46 -27.10	118.83 6.83 -37.68	153.86 6.82 -76.76	164.71 6.25 -93.42	207.93 6.72 -129.66	235.29 6.80 -151.23	200.63 7.30 -107.35	187.67 7.49 -97.86	193.43 7.81 -103.47	197.30 7.59 -109.91	156.42 6.74 -75.55	194.80 5.94 -126.37	218.01 6.37 -145.93	363.70 7.48 -283.58	254.98 7.11 -178.89	217.92 6.35 -149.91	203.90 7.14 -126.76	192.48 5.31 -131.32	183.50 5.19 -122.46	148.71 5.09 -87.66
EAST_PULASKI___ESR 323781	82.84 1.23 0.00	81.88 1.29 0.00	75.25 1.04 0.00	70.99 0.84 0.00	71.82 0.85 0.00	75.14 0.82 0.00	71.13 0.85 0.00	66.52 0.91 -0.56	72.47 0.93 0.00	78.03 0.77 0.00	88.14 1.11 -1.05	85.47 0.91 -2.24	85.11 0.82 -2.13	82.85 0.88 -2.17	80.23 0.82 -5.29	67.48 0.75 -4.24	71.58 0.92 -4.95	76.48 1.74 -2.10	75.08 1.79 -4.31	67.90 1.48 -4.76	74.98 1.54 -3.45	60.39 0.84 -3.71	60.41 0.95 -3.61	61.98 1.06 -4.96
EAST_RIVER___1 323558	92.08 4.98 -5.49	86.84 4.59 -1.66	84.80 4.23 -6.36	77.08 4.00 -2.93	77.66 4.11 -2.57	82.36 4.46 -3.58	82.13 4.57 -7.28	83.11 4.17 -13.90	88.78 4.93 -12.30	106.75 5.57 -23.92	121.63 6.45 -29.21	127.39 6.09 -38.98	126.82 6.16 -38.50	125.15 5.91 -39.44	134.31 5.56 -54.62	126.77 4.69 -59.59	138.57 4.99 -67.87	145.25 5.52 -67.09	154.20 5.31 -79.90	143.26 4.75 -76.85	135.50 5.46 -60.04	123.39 4.19 -63.35	120.27 4.02 -60.40	123.41 3.81 -63.64
EAST_RIVER___2 323559	91.84 4.73 -5.49	86.60 4.35 -1.66	84.50 3.93 -6.36	76.87 3.79 -2.93	77.37 3.83 -2.57	82.13 4.23 -3.58	81.93 4.36 -7.28	82.98 4.03 -13.90	88.64 4.79 -12.30	106.67 5.49 -23.92	121.54 6.36 -29.21	127.30 6.01 -38.98	126.65 5.99 -38.50	124.99 5.75 -39.44	134.23 5.49 -54.62	126.64 4.56 -59.59	138.51 4.93 -67.87	145.10 5.37 -67.09	154.00 5.10 -79.90	143.13 4.63 -76.85	135.42 5.39 -60.04	123.27 4.07 -63.35	120.10 3.85 -60.40	123.24 3.64 -63.64
EAST___DELAWARE_HYD 23607	92.17 4.65 -5.90	86.89 4.51 -1.78	85.13 4.08 -6.84	77.23 3.93 -3.16	77.71 3.97 -2.77	82.55 4.38 -3.85	82.48 4.36 -7.84	83.05 3.97 -14.04	89.43 4.65 -13.24	106.34 5.10 -23.98	119.50 5.59 -27.94	124.10 5.27 -36.51	123.51 5.18 -36.18	121.88 4.95 -37.13	128.98 4.75 -50.11	121.97 4.06 -55.42	133.53 4.67 -63.15	142.53 5.23 -64.66	148.24 5.03 -74.22	137.08 4.44 -70.97	130.45 4.83 -55.63	118.08 3.58 -58.65	115.29 3.58 -55.87	117.48 3.41 -58.10
EIGHT_POINT___WT_PWR 323820	82.79 -0.41 -1.58	80.91 -0.16 -0.48	75.83 -0.22 -1.84	70.23 -0.77 -0.85	70.86 -0.85 -0.74	74.02 -1.34 -1.03	70.63 -1.75 -2.10	65.83 -2.86 -3.64	72.02 -3.07 -3.55	80.25 -3.24 -6.23	85.53 -4.90 -4.45	86.03 -4.61 -8.32	84.02 -4.85 -6.72	82.76 -4.63 -7.59	82.47 -3.93 -12.28	68.87 -3.31 -9.70	78.28 -3.09 -15.65	84.98 -2.69 -15.03	83.26 -2.62 -16.90	75.79 -1.98 -16.10	80.12 -2.52 -12.65	55.14 -2.57 -1.87	66.19 -2.34 -12.69	67.71 -1.34 -13.09
ELBRIDGE_115KV_TB2 80188	80.39 -1.22 0.00	79.38 -1.21 0.00	73.10 -1.11 0.00	68.96 -1.19 0.00	69.76 -1.21 0.00	73.06 -1.26 0.00	69.09 -1.19 0.00	64.69 -1.11 -0.75	70.18 -1.36 0.00	77.84 -1.55 -2.13	87.79 -1.72 -3.54	85.80 -1.65 -5.13	85.57 -1.56 -4.98	83.24 -1.60 -5.03	79.80 -1.41 -7.09	69.17 -1.12 -7.81	73.36 -1.12 -8.76	79.35 -0.51 -7.22	79.05 -0.41 -10.48	71.32 -0.37 -10.03	77.29 -0.56 -7.86	63.41 -0.73 -8.29	63.01 -0.73 -7.89	63.64 -0.56 -8.24
ELEC_TRO_TEK 24086	120.63 5.88 -33.13	94.84 5.56 -8.69	93.38 5.05 -14.12	88.34 4.84 -13.35	88.27 4.90 -12.41	94.05 5.28 -14.45	131.97 5.27 -56.42	141.47 4.81 -71.61	137.10 5.65 -59.91	139.51 6.34 -55.92	163.67 7.31 -70.39	166.03 7.00 -76.72	163.22 6.98 -74.08	166.88 6.78 -80.29	162.27 6.37 -81.77	168.07 5.31 -100.27	175.54 5.72 -104.11	181.98 6.32 -103.02	185.12 6.07 -110.06	175.49 5.43 -108.41	167.54 6.16 -91.39	150.49 4.75 -89.90	143.86 4.58 -83.44	136.23 4.42 -75.85

ELLENBURG_WT_PWR 323604	80.96 -0.66 0.00	80.11 -0.48 0.00	73.99 -0.22 0.00	70.22 0.07 0.00	70.97 0.00 0.00	74.10 -0.22 0.00	69.79 -0.49 0.00	64.79 -0.26 0.00	70.97 -0.57 0.00	76.64 -0.62 0.00	85.03 -0.94 0.00	81.49 -0.82 0.00	81.49 -0.66 0.00	79.25 -0.55 0.00	73.24 -0.89 0.00	61.74 -0.75 0.00	64.73 -0.98 0.00	70.89 -1.74 0.00	67.06 -1.93 0.00	60.06 -1.60 0.00	68.52 -1.47 0.00	54.95 -0.90 0.00	55.01 -0.84 0.00	55.29 -0.67 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	77.54 -4.08 0.00	76.48 -4.11 0.00	70.58 -3.64 0.00	66.50 -3.65 0.00	67.21 -3.76 0.00	70.09 -4.24 0.00	65.36 -4.92 0.00	60.06 -6.05 -1.06	64.96 -6.58 0.00	72.80 -7.57 -3.11	81.07 -8.94 -4.04	80.88 -8.48 -7.04	79.81 -8.54 -6.20	77.87 -8.46 -6.52	76.51 -7.63 -10.02	65.29 -6.69 -9.49	71.37 -6.83 -12.50	76.70 -6.32 -10.39	77.75 -6.21 -14.97	70.65 -5.30 -14.29	74.83 -6.37 -11.21	57.11 -5.86 -7.13	61.57 -5.53 -11.25	63.63 -3.97 -11.64
EMPIRE_CC_1 323656	101.17 4.08 -15.47	89.22 3.95 -4.68	95.79 3.64 -17.94	81.86 3.44 -8.28	81.70 3.48 -7.25	88.12 3.71 -10.08	94.34 3.51 -20.54	97.95 3.19 -29.71	109.89 3.65 -34.70	130.84 3.86 -49.72	136.92 4.13 -46.82	140.54 3.95 -54.27	140.93 3.94 -54.83	140.50 3.83 -56.86	142.32 3.56 -64.64	144.15 3.00 -78.67	158.78 3.15 -89.91	190.03 3.49 -113.90	179.35 3.31 -107.06	163.44 2.96 -98.82	152.36 3.36 -79.01	141.39 2.63 -82.92	137.07 2.68 -78.54	133.55 2.58 -75.01
EMPIRE_CC_2 323658	101.17 4.08 -15.47	89.22 3.95 -4.68	95.79 3.64 -17.94	81.86 3.44 -8.28	81.70 3.48 -7.25	88.12 3.71 -10.08	94.34 3.51 -20.54	97.95 3.19 -29.71	109.89 3.65 -34.70	130.84 3.86 -49.72	136.92 4.13 -46.82	140.54 3.95 -54.27	140.93 3.94 -54.83	140.50 3.83 -56.86	142.32 3.56 -64.64	144.15 3.00 -78.67	158.78 3.15 -89.91	190.03 3.49 -113.90	179.35 3.31 -107.06	163.44 2.96 -98.82	152.36 3.36 -79.01	141.39 2.63 -82.92	137.07 2.68 -78.54	133.55 2.58 -75.01
ENORWICH_115KV_TB1 80156	93.61 8.16 -3.83	89.89 8.14 -1.16	85.85 7.20 -4.44	78.86 6.66 -2.05	79.36 6.60 -1.79	83.80 6.99 -2.49	82.11 6.75 -5.08	78.82 6.24 -7.53	86.70 6.58 -8.58	97.06 6.64 -13.16	107.72 7.31 -14.44	104.07 6.26 -15.50	104.81 6.08 -16.57	102.32 5.83 -16.69	97.05 5.26 -17.66	91.41 4.69 -24.23	95.51 5.13 -24.67	109.71 6.54 -30.54	104.96 6.42 -29.55	94.61 5.73 -27.21	98.01 6.23 -21.79	90.41 4.41 -30.16	81.84 4.36 -21.64	81.14 4.64 -20.53
ERIE_ST__34_KV_TB1-2 80199	78.19 -3.43 0.00	77.13 -3.47 0.00	71.24 -2.97 0.00	67.13 -3.02 0.00	67.85 -3.12 0.00	70.68 -3.64 0.00	66.13 -4.15 0.00	59.77 -6.37 -1.10	65.89 -5.65 0.00	73.91 -6.57 -3.22	81.10 -9.03 -4.15	80.61 -8.97 -7.26	79.50 -9.04 -6.38	77.59 -8.94 -6.72	76.38 -8.08 -10.33	65.26 -7.00 -9.77	71.44 -7.16 -12.90	76.61 -6.76 -10.73	77.89 -6.55 -15.46	70.73 -5.67 -14.74	74.84 -6.72 -11.57	56.99 -6.14 -7.29	61.60 -5.86 -11.61	63.61 -4.37 -12.01
ERIE_WT_PWR 323693	77.95 -3.67 0.00	77.13 -3.46 0.00	71.02 -3.19 0.00	66.78 -3.37 0.00	67.42 -3.55 0.00	70.31 -4.01 0.00	65.78 -4.50 0.00	60.21 -5.92 -1.08	65.25 -6.30 0.00	73.41 -7.03 -3.18	81.23 -8.85 -4.11	81.27 -8.23 -7.18	79.84 -8.62 -6.31	78.15 -8.30 -6.65	76.86 -7.48 -10.22	65.59 -6.56 -9.66	71.76 -6.70 -12.76	75.76 -6.25 -9.37	76.46 -6.07 -13.55	69.43 -5.18 -12.95	73.91 -6.23 -10.15	55.87 -5.81 -5.84	60.62 -5.42 -10.19	62.69 -3.86 -10.59
ESPRGFLD_115KV_TB1 80157	127.79 4.73 -41.44	97.71 4.59 -12.52	126.42 4.16 -48.05	96.17 3.86 -22.16	94.30 3.90 -19.42	105.56 4.24 -27.00	129.59 4.29 -55.02	130.22 3.97 -61.21	168.91 4.44 -92.93	191.86 4.71 -109.89	158.79 5.16 -67.66	135.77 4.77 -48.68	140.85 4.85 -53.85	142.61 4.71 -58.10	78.35 4.23 0.00	114.92 3.75 -48.68	125.03 3.94 -55.37	256.70 4.79 -179.27	149.58 4.55 -76.04	114.35 4.01 -48.68	123.15 4.48 -48.68	107.82 3.29 -48.68	102.41 3.18 -43.38	59.15 3.19 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	85.10 1.63 -1.85	82.76 1.61 -0.56	77.77 1.41 -2.15	72.33 1.19 -0.99	73.05 1.21 -0.87	76.79 1.26 -1.21	74.01 1.27 -2.46	70.22 1.04 -4.13	76.77 1.07 -4.16	85.36 1.00 -7.10	98.84 0.95 -11.93	94.21 0.74 -11.15	96.41 0.74 -13.51	93.34 0.72 -12.82	88.04 0.82 -13.10	84.44 0.75 -21.21	83.63 0.99 -16.93	92.69 1.74 -18.31	90.82 1.79 -20.04	82.18 1.54 -18.98	86.56 1.61 -14.96	90.49 0.89 -33.75	71.66 0.84 -14.98	72.25 1.06 -15.23
ETNA____115KV_TB2 80207	85.10 1.63 -1.85	82.76 1.61 -0.56	77.77 1.41 -2.15	72.33 1.19 -0.99	73.05 1.21 -0.87	76.79 1.26 -1.21	74.01 1.27 -2.46	70.22 1.04 -4.13	76.77 1.07 -4.16	85.36 1.00 -7.10	98.84 0.95 -11.93	94.21 0.74 -11.15	96.41 0.74 -13.51	93.34 0.72 -12.82	88.04 0.82 -13.10	84.44 0.75 -21.21	83.63 0.99 -16.93	92.69 1.74 -18.31	90.82 1.79 -20.04	82.18 1.54 -18.98	86.56 1.61 -14.96	90.49 0.89 -33.75	71.66 0.84 -14.98	72.25 1.06 -15.23
EUCLID____115KV_TB2 356179	79.74 -1.88 0.00	78.74 -1.85 0.00	72.51 -1.71 0.00	68.40 -1.75 0.00	69.27 -1.70 0.00	72.54 -1.78 0.00	68.52 -1.76 0.00	64.04 -1.63 -0.62	69.68 -1.86 0.00	75.17 -2.09 0.00	84.91 -2.24 -1.17	82.67 -2.14 -2.50	82.39 -2.14 -2.37	80.14 -2.07 -2.41	78.09 -1.93 -5.89	65.65 -1.56 -4.72	69.65 -1.58 -5.51	74.60 -0.94 -2.91	74.10 -0.83 -5.94	67.49 -0.74 -6.57	73.77 -0.98 -4.76	59.90 -1.06 -5.12	59.77 -1.06 -4.98	61.91 -0.90 -6.84
E_CANADA_CAP_HY 24051	141.49 6.12 -53.75	102.71 5.88 -16.24	142.02 5.49 -62.31	104.01 5.12 -28.74	101.27 5.11 -25.19	114.84 5.50 -35.02	147.12 5.49 -71.35	157.77 5.01 -87.71	197.64 5.58 -120.52	224.00 5.80 -140.94	194.05 6.27 -101.80	183.25 6.09 -94.84	188.20 6.16 -99.88	191.79 6.06 -105.93	158.11 5.49 -78.50	191.76 4.81 -124.46	214.54 5.06 -143.77	346.79 5.88 -268.28	249.74 5.59 -175.16	215.55 4.99 -148.90	200.59 5.74 -124.85	189.68 4.24 -129.59	181.11 4.13 -121.13	151.10 4.08 -91.06
E_CANADA_MHWK_HY 24050	84.47 2.86 0.00	83.33 2.74 0.00	76.66 2.45 0.00	72.46 2.31 0.00	73.31 2.34 0.00	76.85 2.53 0.00	72.67 2.39 0.00	67.26 2.21 0.00	74.04 2.50 0.00	79.96 2.70 0.00	88.98 3.01 0.00	85.20 2.88 0.00	85.03 2.87 0.00	82.60 2.79 0.00	76.72 2.59 0.00	64.68 2.19 0.00	67.75 2.04 0.00	74.74 2.11 0.00	70.99 2.00 0.00	63.45 1.79 0.00	71.95 1.96 0.00	57.52 1.67 0.00	57.63 1.79 0.00	57.81 1.84 0.00
E_FISHKILL____LBMP 23776	91.39 4.16 -5.61	86.40 4.11 -1.69	84.42 3.71 -6.50	76.66 3.51 -3.00	77.22 3.62 -2.63	81.84 3.86 -3.65	81.66 3.94 -7.44	82.86 3.58 -14.23	88.34 4.22 -12.57	106.37 4.71 -24.40	121.24 5.42 -29.85	127.32 5.10 -39.89	126.65 5.09 -39.40	125.12 4.95 -40.36	134.87 4.67 -56.07	127.48 3.94 -61.05	139.46 4.21 -69.55	145.84 4.65 -68.55	155.17 4.48 -81.70	144.25 4.01 -78.58	135.93 4.55 -61.39	124.03 3.41 -64.78	121.01 3.41 -61.76	124.29 3.25 -65.08
FALCON____SEABRD_CC1 323796	82.27 0.65 0.00	81.40 0.81 0.00	75.25 1.04 0.00	71.48 1.33 0.00	72.25 1.28 0.00	75.36 1.04 0.00	70.56 0.28 0.00	65.50 0.46 0.00	71.76 0.22 0.00	77.41 0.15 0.00	85.80 -0.17 0.00	82.32 0.00 0.00	82.32 0.16 0.00	79.96 0.16 0.00	73.90 -0.22 0.00	62.36 -0.12 0.00	65.45 -0.26 0.00	71.55 -1.09 0.00	67.68 -1.31 0.00	60.61 -1.05 0.00	69.22 -0.77 0.00	55.51 -0.33 0.00	55.57 -0.28 0.00	56.24 0.28 0.00

FALCON___SEABRD_CC2 323797	82.27 0.65 0.00	81.40 0.81 0.00	75.25 1.04 0.00	71.48 1.33 0.00	72.25 1.28 0.00	75.36 1.04 0.00	70.56 0.28 0.00	65.50 0.46 0.00	71.76 0.22 0.00	77.41 0.15 0.00	85.80 -0.17 0.00	82.32 0.00 0.00	82.32 0.16 0.00	79.96 0.16 0.00	73.90 -0.22 0.00	62.36 -0.12 0.00	65.45 -0.26 0.00	71.55 -1.09 0.00	67.68 -1.31 0.00	60.61 -1.05 0.00	69.22 -0.77 0.00	55.51 -0.33 0.00	55.57 -0.28 0.00	56.24 0.28 0.00
FAR ROCKAWAY___4 23548	121.69 6.94 -33.13	95.89 6.61 -8.69	94.35 6.01 -14.12	89.25 5.75 -13.35	89.20 5.82 -12.41	95.02 6.24 -14.45	132.88 6.18 -56.42	142.31 5.66 -71.61	138.03 6.58 -59.91	140.67 7.49 -55.92	164.62 8.25 -70.39	166.94 7.90 -76.72	164.12 7.89 -74.08	167.76 7.66 -80.29	163.08 7.19 -81.77	168.76 6.00 -100.27	176.26 6.44 -104.11	182.85 7.19 -103.02	185.88 6.83 -110.06	176.17 6.10 -108.41	168.24 6.86 -91.39	151.05 5.31 -89.90	144.65 5.36 -83.44	136.96 5.15 -75.85
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	92.08 4.98 -5.49	86.92 4.67 -1.66	84.80 4.23 -6.36	77.08 4.00 -2.93	77.66 4.12 -2.57	82.36 4.46 -3.58	82.13 4.57 -7.28	83.11 4.16 -13.90	88.78 4.94 -12.30	106.82 5.64 -23.92	121.71 6.53 -29.21	127.47 6.17 -38.98	126.82 6.16 -38.50	125.23 5.99 -39.44	134.38 5.63 -54.62	126.83 4.75 -59.59	138.64 5.06 -67.87	145.49 5.59 -67.26	154.46 5.38 -80.09	143.49 4.81 -77.02	135.70 5.53 -60.18	123.59 4.24 -63.50	120.40 4.02 -60.54	123.54 3.81 -63.77
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	92.08 4.98 -5.49	86.92 4.67 -1.66	84.80 4.23 -6.36	77.15 4.07 -2.93	77.66 4.12 -2.57	82.36 4.46 -3.58	82.13 4.57 -7.28	83.11 4.16 -13.90	88.78 4.94 -12.30	106.82 5.64 -23.92	121.71 6.53 -29.21	127.47 6.17 -38.98	126.90 6.24 -38.50	125.23 5.99 -39.44	134.38 5.63 -54.62	126.83 4.75 -59.59	138.64 5.06 -67.87	145.49 5.59 -67.26	154.46 5.38 -80.09	143.49 4.81 -77.02	135.70 5.53 -60.18	123.59 4.24 -63.50	120.46 4.08 -60.54	123.59 3.86 -63.77
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	92.00 4.90 -5.49	86.84 4.59 -1.66	84.73 4.16 -6.36	77.08 4.00 -2.93	77.59 4.05 -2.57	82.36 4.46 -3.58	82.06 4.50 -7.28	83.11 4.16 -13.90	88.71 4.86 -12.30	106.74 5.56 -23.92	121.63 6.45 -29.21	127.39 6.09 -38.98	126.82 6.16 -38.50	125.15 5.91 -39.44	134.31 5.56 -54.62	126.77 4.69 -59.59	138.57 4.99 -67.87	145.41 5.32 -67.26	154.46 5.38 -80.09	143.43 4.75 -77.02	135.63 5.46 -60.18	123.53 4.19 -63.50	120.40 4.02 -60.54	123.54 3.81 -63.77
FARRAGUT___LBMP 323566	91.92 4.82 -5.49	86.84 4.59 -1.66	84.73 4.16 -6.36	77.01 3.93 -2.93	77.59 4.05 -2.57	82.28 4.39 -3.58	82.06 4.50 -7.28	83.05 4.10 -13.90	88.64 4.79 -12.30	106.67 5.49 -23.92	121.54 6.36 -29.21	127.31 6.01 -38.98	126.73 6.08 -38.50	125.07 5.83 -39.44	134.31 5.56 -54.62	126.70 4.62 -59.59	138.51 4.93 -67.87	145.41 5.52 -67.26	154.39 5.31 -80.09	143.36 4.69 -77.02	135.63 5.46 -60.18	123.47 4.13 -63.50	120.35 3.97 -60.54	123.48 3.75 -63.77
FENNER___WINDPWR 24204	83.66 2.04 0.00	82.68 2.09 0.00	76.07 1.86 0.00	71.83 1.68 0.00	72.67 1.70 0.00	76.18 1.86 0.00	72.18 1.90 0.00	67.58 1.76 -0.78	73.40 1.86 0.00	81.32 1.85 -2.21	92.40 1.98 -4.45	89.60 1.73 -5.55	89.74 1.73 -5.86	87.28 1.75 -5.72	83.08 1.63 -7.33	73.22 1.44 -9.30	76.30 1.51 -9.07	77.91 2.03 -3.24	77.63 2.00 -6.64	70.72 1.72 -7.33	77.12 1.82 -5.32	66.24 1.23 -9.17	62.59 1.17 -5.57	64.89 1.29 -7.64
FIBERTEK___ENERGY 23856	81.13 -0.49 0.00	80.19 -0.40 0.00	73.77 -0.45 0.00	69.59 -0.56 0.00	70.47 -0.50 0.00	73.73 -0.59 0.00	69.79 -0.49 0.00	65.31 -0.46 -0.72	70.97 -0.57 0.00	78.59 -0.70 -2.02	88.57 -0.77 -3.37	86.48 -0.74 -4.90	86.25 -0.66 -4.76	83.89 -0.72 -4.80	80.32 -0.59 -6.78	69.51 -0.44 -7.46	73.69 -0.39 -8.38	79.81 0.29 -6.89	79.34 0.34 -10.01	71.56 0.31 -9.59	77.71 0.21 -7.51	63.65 -0.11 -7.92	63.22 -0.17 -7.55	63.85 0.00 -7.89
FITZPATRICK___ 23598	78.60 -3.02 0.00	77.61 -2.98 0.00	71.47 -2.74 0.00	67.48 -2.67 0.00	68.27 -2.70 0.00	71.50 -2.82 0.00	67.54 -2.74 0.00	63.03 -2.47 -0.46	68.68 -2.86 0.00	74.09 -3.17 0.00	83.39 -3.44 -0.85	80.84 -3.30 -1.82	80.59 -3.29 -1.73	78.37 -3.19 -1.76	75.52 -2.89 -4.29	63.49 -2.44 -3.44	67.23 -2.50 -4.02	71.99 -2.25 -1.60	70.20 -2.07 -3.28	63.37 -1.91 -3.62	70.38 -2.24 -2.63	56.71 -1.96 -2.82	56.64 -1.96 -2.75	57.95 -1.79 -3.78
FLOWRFLD_69_KV_BK1 356044	122.67 7.92 -33.13	96.94 7.66 -8.69	95.24 6.90 -14.12	90.09 6.59 -13.35	90.12 6.74 -12.41	96.06 7.28 -14.45	133.92 7.17 -56.47	143.27 6.57 -71.65	138.75 7.30 -59.91	141.14 7.96 -55.92	165.52 9.11 -70.44	167.51 8.48 -76.72	164.78 8.54 -74.08	168.24 8.14 -80.29	163.68 7.78 -81.77	169.38 6.62 -100.27	176.86 7.03 -104.11	183.50 7.84 -103.02	186.57 7.52 -110.06	176.90 6.78 -108.45	169.06 7.63 -91.44	151.66 5.92 -89.90	145.04 5.75 -83.44	137.41 5.60 -75.85
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	92.55 5.22 -5.70	87.47 5.16 -1.72	85.43 4.60 -6.61	77.62 4.42 -3.05	78.19 4.54 -2.67	82.94 4.91 -3.72	82.70 4.85 -7.57	83.68 4.36 -14.27	89.48 5.15 -12.79	107.52 5.79 -24.46	122.04 6.45 -29.62	127.89 6.17 -39.40	127.26 6.16 -38.94	125.62 5.91 -39.91	134.79 5.56 -55.11	127.37 4.69 -60.20	139.48 5.19 -68.57	146.56 5.74 -68.19	155.08 5.45 -80.64	143.94 4.81 -77.47	135.88 5.32 -60.56	123.76 4.02 -63.90	120.83 4.08 -60.91	123.84 3.86 -64.01
FORT ORANGE___ 23900	114.90 3.84 -29.45	93.36 3.87 -8.90	111.84 3.49 -34.14	89.26 3.37 -15.75	88.18 3.41 -13.80	97.08 3.57 -19.19	112.11 2.74 -39.09	118.01 2.41 -50.56	140.22 2.65 -66.03	163.62 2.78 -83.58	156.26 3.44 -66.84	153.96 3.30 -68.34	156.04 3.29 -70.60	156.99 3.11 -74.08	143.72 2.97 -66.62	158.47 2.50 -93.48	175.60 2.63 -107.25	245.09 2.69 -169.76	201.27 2.55 -129.73	178.21 2.28 -114.27	166.50 2.66 -93.85	155.79 2.07 -97.87	150.10 2.24 -92.01	135.41 2.13 -77.32
FORT_DRUM_COGEN 23780	85.37 3.75 0.00	84.30 3.71 0.00	77.40 3.19 0.00	73.17 3.02 0.00	74.02 3.05 0.00	77.59 3.27 0.00	73.51 3.23 0.00	68.74 3.32 -0.38	74.98 3.43 0.00	80.19 2.94 0.00	90.03 3.35 -0.71	86.62 2.80 -1.51	86.38 2.79 -1.43	84.13 2.87 -1.46	80.20 2.52 -3.56	67.59 2.25 -2.85	71.60 2.56 -3.33	77.80 3.41 -1.75	75.89 3.31 -3.59	68.53 2.90 -3.97	76.09 3.22 -2.88	61.28 2.35 -3.09	61.20 2.35 -3.01	62.50 2.41 -4.13
FOX_HILLS___ESR 323835	147.66 5.22 -60.82	144.25 4.92 -58.74	144.10 4.38 -65.51	77.28 4.14 -2.99	144.07 4.26 -68.84	144.10 4.61 -65.17	145.54 4.78 -70.48	148.75 4.29 -79.42	148.73 4.94 -72.25	192.28 5.72 -109.31	152.00 6.79 -59.23	149.07 6.34 -60.41	148.97 6.33 -60.49	149.03 6.14 -63.08	151.87 5.86 -71.89	151.75 4.94 -84.32	234.26 5.26 -163.29	253.41 5.96 -174.82	260.41 5.86 -185.56	251.60 5.12 -184.82	213.93 5.88 -138.06	152.94 4.52 -92.57	149.04 4.30 -88.90	147.57 4.03 -87.58
FPL FAR_ROCK_GT1 24212	121.77 7.02 -33.13	95.97 6.69 -8.69	94.42 6.09 -14.12	89.25 5.75 -13.35	89.26 5.89 -12.41	95.09 6.31 -14.45	132.95 6.25 -56.42	142.31 5.66 -71.61	138.03 6.58 -59.91	140.67 7.49 -55.92	164.62 8.25 -70.39	166.94 7.90 -76.72	164.13 7.89 -74.09	167.76 7.66 -80.30	163.09 7.19 -81.78	168.76 6.00 -100.27	176.27 6.44 -104.11	182.69 7.19 -102.86	185.70 6.83 -109.88	176.00 6.11 -108.24	168.18 6.93 -91.26	151.19 5.58 -89.76	144.51 5.36 -83.31	136.83 5.15 -75.72

FPL_FAR_ROCK_GT2 23815	121.77 7.02 -33.13	95.97 6.69 -8.69	94.42 6.09 -14.12	89.25 5.75 -13.35	89.26 5.89 -12.41	95.09 6.31 -14.45	132.95 6.25 -56.42	142.31 5.66 -71.61	138.03 6.58 -59.91	140.67 7.49 -55.92	164.62 8.25 -70.39	166.94 7.90 -76.72	164.13 7.89 -74.09	167.76 7.66 -80.30	163.09 7.19 -81.78	168.76 6.00 -100.27	176.27 6.44 -104.11	182.69 7.19 -102.86	185.70 6.83 -109.88	176.00 6.11 -108.24	168.18 6.93 -91.26	151.19 5.58 -89.76	144.51 5.36 -83.31	136.83 5.15 -75.72
FRANKLIN_FALL_HYD 24054	82.68 1.06 0.00	81.72 1.13 0.00	75.70 1.48 0.00	71.69 1.54 0.00	72.46 1.49 0.00	75.59 1.26 0.00	71.55 1.27 0.00	66.41 1.37 0.00	72.69 1.14 0.00	78.34 1.08 0.00	86.66 0.69 0.00	83.22 0.91 0.00	82.89 0.74 0.00	80.84 1.04 0.00	74.72 0.59 0.00	63.11 0.62 0.00	66.17 0.46 0.00	72.13 -0.51 0.00	68.30 -0.69 0.00	61.17 -0.49 0.00	69.99 0.00 0.00	56.18 0.34 0.00	56.35 0.50 0.00	56.47 0.50 0.00
FREEPORT_EQUS_GT1 23764	121.19 6.45 -33.13	95.40 6.12 -8.69	93.91 5.57 -14.12	88.76 5.26 -13.35	88.77 5.39 -12.41	94.58 5.80 -14.45	132.19 5.49 -56.42	141.59 4.94 -71.61	137.32 5.87 -59.91	139.74 6.56 -55.92	163.93 7.57 -70.39	166.36 7.32 -76.72	163.55 7.31 -74.08	167.20 7.10 -80.29	162.57 6.67 -81.77	168.39 5.63 -100.27	175.61 5.78 -104.11	181.96 6.46 -102.86	185.08 6.21 -109.88	175.38 5.49 -108.24	167.68 6.44 -91.26	150.57 4.97 -89.76	143.95 4.80 -83.31	136.27 4.59 -75.72
FREEPORT___CT2 23818	121.19 6.45 -33.13	95.40 6.12 -8.69	93.91 5.57 -14.12	88.76 5.26 -13.35	88.77 5.39 -12.41	94.58 5.80 -14.45	132.19 5.49 -56.42	141.59 4.94 -71.61	137.32 5.87 -59.91	139.74 6.56 -55.92	163.93 7.57 -70.39	166.36 7.32 -76.72	163.55 7.31 -74.08	167.20 7.10 -80.29	162.57 6.67 -81.77	168.39 5.63 -100.27	175.61 5.78 -104.11	181.96 6.46 -102.86	185.08 6.21 -109.88	175.38 5.49 -108.24	167.68 6.44 -91.26	150.57 4.97 -89.76	143.95 4.80 -83.31	136.27 4.59 -75.72
FRESHKLS_33_KV_LOAD 356253	147.41 4.98 -60.82	144.09 4.75 -58.74	144.03 4.30 -65.51	77.14 4.00 -2.99	143.93 4.12 -68.84	143.96 4.46 -65.17	145.40 4.64 -70.48	148.62 4.16 -79.42	148.52 4.72 -72.25	192.05 5.49 -109.31	151.74 6.53 -59.23	148.82 6.09 -60.41	148.81 6.16 -60.49	148.79 5.91 -63.08	151.64 5.63 -71.89	151.62 4.81 -84.32	234.06 5.06 -163.29	253.27 5.81 -174.82	260.27 5.73 -185.56	251.47 4.99 -184.82	213.79 5.74 -138.06	152.82 4.41 -92.57	148.93 4.19 -88.90	147.52 3.97 -87.58
FULTON COGEN____ 23766	82.03 0.41 0.00	81.08 0.48 0.00	74.51 0.30 0.00	70.29 0.14 0.00	71.18 0.21 0.00	74.47 0.15 0.00	70.49 0.21 0.00	65.92 0.26 -0.62	71.76 0.21 0.00	77.41 0.15 0.00	87.39 0.26 -1.16	85.03 0.25 -2.47	84.74 0.25 -2.34	82.43 0.24 -2.38	80.17 0.22 -5.82	67.40 0.25 -4.66	71.56 0.39 -5.45	76.74 1.23 -2.87	76.17 1.31 -5.87	69.26 1.11 -6.49	75.75 1.05 -4.70	61.41 0.50 -5.06	61.22 0.45 -4.93	63.34 0.62 -6.76
FULTON___LFGE 323630	147.24 6.77 -58.85	104.90 6.53 -17.78	148.53 6.09 -68.23	107.30 5.68 -31.47	104.30 5.75 -27.58	118.76 6.10 -38.35	154.45 6.05 -78.13	165.43 5.53 -94.86	209.66 6.15 -131.96	237.49 6.41 -153.82	201.68 6.96 -108.75	187.69 6.75 -98.62	193.43 6.90 -104.37	197.43 6.70 -110.92	155.01 6.08 -74.81	194.71 5.37 -126.85	217.84 5.65 -146.48	366.61 6.54 -287.43	255.03 6.21 -179.83	217.38 5.55 -150.16	203.46 6.23 -127.24	192.24 4.63 -131.76	183.23 4.58 -122.80	147.24 4.48 -86.80
G.F.CEMENT___DRP 24184	147.71 6.94 -59.15	105.24 6.77 -17.88	149.10 6.31 -68.58	107.68 5.89 -31.63	104.73 6.03 -27.73	119.18 6.32 -38.54	154.92 6.11 -78.53	165.35 5.59 -94.71	210.62 6.44 -132.64	239.56 7.03 -155.27	202.48 7.74 -108.77	186.73 7.16 -97.25	192.62 7.31 -103.15	196.52 7.02 -109.69	149.63 6.30 -69.21	191.29 5.44 -123.36	213.77 5.78 -142.28	366.43 6.54 -287.26	250.96 6.07 -175.90	212.16 5.43 -145.07	199.78 5.95 -123.84	188.51 4.64 -128.03	179.50 4.58 -119.08	140.91 4.53 -80.42
GARDENVILLE___LBMP 24039	77.78 -3.84 0.00	76.72 -3.87 0.00	70.80 -3.41 0.00	66.71 -3.44 0.00	67.42 -3.55 0.00	70.23 -4.09 0.00	65.57 -4.71 0.00	60.14 -5.98 -1.08	65.25 -6.30 0.00	73.17 -7.26 -3.17	81.20 -8.86 -4.09	81.08 -8.40 -7.16	79.98 -8.46 -6.29	77.97 -8.46 -6.62	76.75 -7.56 -10.19	65.48 -6.62 -9.62	71.66 -6.77 -12.72	76.96 -6.25 -10.58	78.09 -6.14 -15.24	70.96 -5.24 -14.54	75.10 -6.30 -11.41	57.18 -5.81 -7.15	61.82 -5.47 -11.45	63.89 -3.92 -11.85
GARDNVLA_35_KV_LD 355827	78.03 -3.59 0.00	77.05 -3.55 0.00	71.10 -3.12 0.00	66.92 -3.23 0.00	67.63 -3.34 0.00	70.46 -3.86 0.00	65.85 -4.43 0.00	60.28 -5.85 -1.09	65.46 -6.08 0.00	73.49 -6.95 -3.18	81.49 -8.60 -4.11	81.28 -8.23 -7.19	80.18 -8.30 -6.32	78.24 -8.22 -6.66	76.95 -7.41 -10.24	65.66 -6.50 -9.67	71.85 -6.64 -12.77	77.16 -6.10 -10.62	78.36 -5.93 -15.31	71.15 -5.12 -14.60	75.29 -6.16 -11.46	57.37 -5.70 -7.22	61.99 -5.36 -11.50	64.05 -3.81 -11.90
GELCKHM___115KV_LOAD 80723	80.23 -1.39 0.00	79.30 -1.29 0.00	72.95 -1.26 0.00	68.89 -1.26 0.00	69.69 -1.28 0.00	72.98 -1.34 0.00	69.02 -1.27 0.00	64.54 -1.17 -0.66	70.11 -1.43 0.00	75.64 -1.62 0.00	85.49 -1.72 -1.24	83.31 -1.65 -2.64	83.10 -1.56 -2.51	80.76 -1.60 -2.55	78.94 -1.41 -6.22	66.35 -1.12 -4.99	70.42 -1.12 -5.83	75.27 -0.44 -3.07	74.93 -0.34 -6.28	68.23 -0.37 -6.94	74.46 -0.56 -5.03	60.53 -0.73 -5.41	60.39 -0.73 -5.27	62.64 -0.56 -7.23
GENERAL___MILLS 23808	77.94 -3.67 0.00	76.88 -3.71 0.00	70.95 -3.27 0.00	66.85 -3.30 0.00	67.56 -3.41 0.00	70.38 -3.94 0.00	65.71 -4.57 0.00	60.15 -5.98 -1.08	65.39 -6.15 0.00	73.33 -7.11 -3.18	81.31 -8.77 -4.11	81.10 -8.40 -7.18	80.00 -8.46 -6.31	78.07 -8.38 -6.65	76.79 -7.56 -10.22	65.59 -6.56 -9.66	71.76 -6.70 -12.76	77.00 -6.25 -10.61	78.20 -6.07 -15.29	71.00 -5.24 -14.58	75.21 -6.23 -11.45	57.29 -5.75 -7.20	61.92 -5.42 -11.49	63.98 -3.86 -11.88
GE_PLASTICS___DRP 24183	108.11 3.10 -23.39	90.80 3.14 -7.07	104.23 2.89 -27.12	85.39 2.74 -12.51	84.70 2.77 -10.96	92.46 2.90 -15.24	104.01 2.67 -31.05	109.07 2.41 -41.61	126.71 2.72 -52.45	149.26 2.94 -69.06	147.89 3.44 -58.48	148.27 3.21 -62.74	149.60 3.20 -64.24	150.02 3.11 -67.10	143.66 2.96 -66.57	152.79 2.44 -87.86	168.86 2.50 -100.65	221.73 2.76 -146.34	192.63 2.55 -121.09	172.75 2.34 -108.75	160.97 2.66 -88.32	150.32 2.12 -92.35	145.11 2.18 -87.09	135.45 2.13 -77.36
GILBOA___1 23756	87.96 2.86 -3.49	84.39 2.74 -1.05	80.78 2.52 -4.04	74.40 2.39 -1.87	75.02 2.41 -1.63	79.19 2.60 -2.27	77.44 2.53 -4.63	78.03 2.21 -10.77	82.01 2.65 -7.82	98.87 2.86 -18.75	114.90 3.18 -25.74	121.41 3.05 -36.05	120.55 3.04 -35.36	118.84 2.95 -36.08	129.81 2.74 -52.94	120.83 2.31 -56.03	131.76 2.30 -63.75	132.87 2.61 -57.62	145.90 2.48 -74.43	136.29 2.22 -72.42	128.73 2.52 -56.22	117.26 2.01 -59.41	114.60 2.01 -56.75	119.26 1.96 -61.35
GILBOA___2 23757	87.96 2.86 -3.49	84.39 2.74 -1.05	80.78 2.52 -4.04	74.40 2.39 -1.87	75.02 2.41 -1.63	79.19 2.60 -2.27	77.44 2.53 -4.63	78.03 2.21 -10.77	82.01 2.65 -7.82	98.87 2.86 -18.75	114.90 3.18 -25.74	121.41 3.05 -36.05	120.55 3.04 -35.36	118.84 2.95 -36.08	129.81 2.74 -52.94	120.83 2.31 -56.03	131.76 2.30 -63.75	132.87 2.61 -57.62	145.90 2.48 -74.43	136.29 2.22 -72.42	128.73 2.52 -56.22	117.26 2.01 -59.41	114.60 2.01 -56.75	119.26 1.96 -61.35

GILBOA___3 23758	87.96 2.86 -3.49	84.39 2.74 -1.05	80.78 2.52 -4.04	74.40 2.39 -1.87	75.02 2.41 -1.63	79.19 2.60 -2.27	77.44 2.53 -4.63	78.03 2.21 -10.77	82.01 2.65 -7.82	98.87 2.86 -18.75	114.90 3.18 -25.74	121.41 3.05 -36.05	120.55 3.04 -35.36	118.84 2.95 -36.08	129.81 2.74 -52.94	120.83 2.31 -56.03	131.76 2.30 -63.75	132.87 2.61 -57.62	145.90 2.48 -74.43	136.29 2.22 -72.42	128.73 2.52 -56.22	117.26 2.01 -59.41	114.60 2.01 -56.75	119.26 1.96 -61.35
GILBOA___4 23759	87.96 2.86 -3.49	84.39 2.74 -1.05	80.78 2.52 -4.04	74.40 2.39 -1.87	75.02 2.41 -1.63	79.19 2.60 -2.27	77.44 2.53 -4.63	78.03 2.21 -10.77	82.01 2.65 -7.82	98.87 2.86 -18.75	114.90 3.18 -25.74	121.41 3.05 -36.05	120.55 3.04 -35.36	118.84 2.95 -36.08	129.81 2.74 -52.94	120.83 2.31 -56.03	131.76 2.30 -63.75	132.87 2.61 -57.62	145.90 2.48 -74.43	136.29 2.22 -72.42	128.73 2.52 -56.22	117.26 2.01 -59.41	114.60 2.01 -56.75	119.26 1.96 -61.35
GILBOA___ 23599	87.88 2.77 -3.49	84.39 2.74 -1.05	80.70 2.45 -4.04	74.33 2.31 -1.87	75.02 2.41 -1.63	79.12 2.53 -2.27	77.37 2.46 -4.63	78.03 2.21 -10.77	81.94 2.58 -7.82	98.87 2.86 -18.75	114.89 3.18 -25.74	121.41 3.05 -36.05	120.55 3.04 -35.36	118.84 2.95 -36.08	129.81 2.74 -52.94	120.83 2.31 -56.03	131.76 2.30 -63.75	133.09 2.61 -57.84	146.14 2.48 -74.67	136.52 2.22 -72.64	128.91 2.52 -56.39	117.45 2.01 -59.60	114.78 2.01 -56.92	119.44 1.96 -61.52
GINNA___ 23603	75.99 -5.63 0.00	75.03 -5.56 0.00	69.02 -5.20 0.00	65.03 -5.12 0.00	65.79 -5.18 0.00	68.97 -5.35 0.00	64.80 -5.48 0.00	60.72 -5.14 -0.82	65.32 -6.22 0.00	72.86 -6.72 -2.33	82.32 -6.96 -3.30	81.15 -6.59 -5.42	80.35 -6.73 -4.93	78.38 -6.54 -5.12	75.88 -5.93 -7.69	64.93 -5.19 -7.63	69.98 -5.26 -9.53	71.03 -4.80 -3.19	70.89 -4.62 -6.53	64.80 -4.07 -7.21	70.25 -4.97 -5.23	54.51 -4.52 -3.19	56.85 -4.47 -5.47	59.62 -3.86 -7.52
GLEN PARK___ 23778	86.02 4.40 0.00	84.94 4.35 0.00	77.92 3.71 0.00	73.73 3.58 0.00	74.52 3.55 0.00	78.11 3.79 0.00	74.07 3.79 0.00	69.34 3.90 -0.39	75.47 3.93 0.00	80.81 3.56 0.00	90.75 4.04 -0.73	87.26 3.38 -1.56	87.01 3.37 -1.49	84.82 3.51 -1.51	80.85 3.04 -3.69	68.19 2.75 -2.96	72.32 3.15 -3.45	78.25 4.14 -1.47	76.07 4.07 -3.01	68.50 3.51 -3.33	76.25 3.85 -2.41	61.23 2.79 -2.59	61.22 2.85 -2.53	62.28 2.85 -3.47
GLENDALE_27_KV_LOAD 356172	92.74 5.63 -5.50	87.58 5.32 -1.67	85.32 4.75 -6.36	77.57 4.49 -2.93	78.15 4.61 -2.57	82.88 4.98 -3.58	82.70 5.13 -7.28	83.57 4.62 -13.90	89.28 5.44 -12.30	107.36 6.18 -23.92	122.32 7.14 -29.21	128.05 6.75 -38.98	127.39 6.74 -38.50	125.79 6.54 -39.44	134.90 6.15 -54.63	127.27 5.19 -59.59	139.17 5.59 -67.87	146.14 6.25 -67.26	155.09 6.00 -80.10	143.98 5.30 -77.02	136.26 6.09 -60.18	123.98 4.64 -63.50	120.85 4.47 -60.54	123.99 4.25 -63.78
GLENWOOD_IC_1_G5 23712	120.71 5.96 -33.13	95.00 5.72 -8.69	93.53 5.19 -14.12	88.41 4.91 -13.35	88.34 4.97 -12.41	94.13 5.35 -14.45	132.04 5.34 -56.42	141.53 4.88 -71.61	137.17 5.72 -59.91	139.67 6.49 -55.92	164.19 7.82 -70.39	166.53 7.49 -76.72	163.71 7.48 -74.08	167.36 7.26 -80.29	162.64 6.75 -81.77	168.45 5.69 -100.27	175.87 6.05 -104.11	182.41 6.76 -103.02	185.53 6.48 -110.06	175.80 5.73 -108.41	167.89 6.51 -91.39	150.77 5.03 -89.90	144.14 4.86 -83.44	136.51 4.70 -75.85
GLENWOOD_IC_2_G1 23688	120.87 6.12 -33.13	95.09 5.81 -8.69	93.61 5.27 -14.12	88.48 4.98 -13.35	88.49 5.11 -12.41	94.28 5.50 -14.45	132.19 5.49 -56.42	141.59 4.94 -71.61	137.32 5.87 -59.91	139.74 6.56 -55.92	163.93 7.57 -70.39	166.28 7.25 -76.72	163.47 7.23 -74.08	167.12 7.02 -80.29	162.49 6.59 -81.77	168.26 5.50 -100.27	175.74 5.92 -104.11	182.03 6.54 -102.86	185.14 6.28 -109.88	175.51 5.61 -108.24	167.62 6.37 -91.26	150.52 4.92 -89.76	143.90 4.74 -83.31	136.27 4.59 -75.72
GLENWOOD_IC_3_G1 23689	120.87 6.12 -33.13	95.09 5.81 -8.69	93.61 5.27 -14.12	88.48 4.98 -13.35	88.49 5.11 -12.41	94.28 5.50 -14.45	132.19 5.49 -56.42	141.59 4.94 -71.61	137.32 5.87 -59.91	139.74 6.56 -55.92	163.93 7.57 -70.39	166.28 7.25 -76.72	163.47 7.23 -74.08	167.12 7.02 -80.29	162.49 6.59 -81.77	168.26 5.50 -100.27	175.74 5.92 -104.11	182.03 6.54 -102.86	185.14 6.28 -109.88	175.51 5.61 -108.24	167.62 6.37 -91.26	150.52 4.92 -89.76	143.90 4.74 -83.31	136.27 4.59 -75.72
GLENWOOD___4 23550	120.87 6.12 -33.13	95.08 5.80 -8.69	93.61 5.27 -14.12	88.48 4.98 -13.35	88.49 5.11 -12.41	94.28 5.50 -14.45	132.18 5.48 -56.42	141.66 5.01 -71.61	137.32 5.87 -59.91	139.82 6.64 -55.92	164.19 7.82 -70.39	166.53 7.49 -76.72	163.71 7.48 -74.08	167.36 7.26 -80.29	162.64 6.75 -81.77	168.45 5.69 -100.27	175.87 6.05 -104.11	182.41 6.76 -103.02	185.53 6.48 -110.06	175.80 5.73 -108.41	167.89 6.51 -91.39	150.77 5.03 -89.90	144.14 4.86 -83.44	136.51 4.70 -75.85
GLENWOOD___5 23614	120.87 6.12 -33.13	95.08 5.80 -8.69	93.61 5.27 -14.12	88.48 4.98 -13.35	88.49 5.11 -12.41	94.28 5.50 -14.45	132.18 5.48 -56.42	141.66 5.01 -71.61	137.32 5.87 -59.91	139.82 6.64 -55.92	164.19 7.82 -70.39	166.53 7.49 -76.72	163.71 7.48 -74.08	167.36 7.26 -80.29	162.64 6.75 -81.77	168.45 5.69 -100.27	175.87 6.05 -104.11	182.41 6.76 -103.02	185.53 6.48 -110.06	175.80 5.73 -108.41	167.89 6.51 -91.39	150.77 5.03 -89.90	144.14 4.86 -83.44	136.51 4.70 -75.85
GLOBAL GREEN_PORT_GT1 23814	123.65 8.90 -33.13	98.14 8.87 -8.69	96.57 8.24 -14.12	91.56 8.06 -13.35	91.75 8.37 -12.41	98.14 9.36 -14.45	136.23 9.48 -56.46	145.47 8.78 -71.65	140.97 9.52 -59.91	143.30 10.12 -55.92	168.35 11.95 -70.43	170.14 11.11 -76.72	167.16 10.93 -74.08	170.39 10.30 -80.29	165.68 9.78 -81.77	171.01 8.25 -100.27	178.63 8.81 -104.11	185.30 9.80 -102.86	187.63 8.76 -109.88	177.58 7.64 -108.28	169.47 8.19 -91.30	151.46 5.86 -89.76	144.74 5.58 -83.31	137.45 5.77 -75.72
GLOBE___DSASP 323697	75.74 -5.88 0.00	74.79 -5.80 0.00	68.94 -5.27 0.00	65.17 -4.98 0.00	65.86 -5.11 0.00	68.53 -5.80 0.00	63.46 -6.82 0.00	58.64 -7.42 -1.01	62.81 -8.73 0.00	70.23 -9.97 -2.94	78.94 -10.92 -3.89	78.88 -10.13 -6.69	77.98 -10.10 -5.93	75.89 -10.14 -6.22	74.52 -9.12 -9.52	63.66 -7.94 -9.10	69.42 -8.15 -11.85	74.63 -7.84 -9.84	75.53 -7.66 -14.20	68.68 -6.54 -13.55	72.86 -7.77 -10.63	55.86 -7.04 -7.05	59.88 -6.65 -10.68	62.10 -4.92 -11.06
GOETHSLN___LBMP 323567	91.43 4.33 -5.49	86.28 4.03 -1.66	84.28 3.71 -6.36	76.59 3.51 -2.93	77.16 3.62 -2.57	81.84 3.94 -3.58	81.64 4.08 -7.28	82.66 3.71 -13.90	88.21 4.36 -12.30	65.93 5.02 16.35	121.03 5.85 -29.21	126.81 5.52 -38.98	126.24 5.59 -38.50	124.59 5.35 -39.44	133.79 5.04 -54.62	126.33 4.25 -59.59	56.65 4.53 13.60	44.67 5.08 33.05	43.68 4.90 30.20	44.44 4.32 21.54	74.31 4.97 0.65	123.14 3.80 -63.50	120.01 3.63 -60.54	123.15 3.41 -63.77
GOLAH___69_KV_TB 1_2 80279	78.68 -2.94 0.00	77.61 -2.98 0.00	71.61 -2.60 0.00	67.55 -2.60 0.00	68.34 -2.63 0.00	71.57 -2.75 0.00	67.05 -3.23 0.00	62.51 -3.38 -0.85	67.32 -4.22 0.00	74.98 -4.71 -2.43	84.38 -4.99 -3.39	83.34 -4.61 -5.63	82.57 -4.68 -5.09	80.32 -4.79 -5.30	77.82 -4.30 -8.00	66.55 -3.81 -7.87	71.89 -3.75 -9.92	77.86 -2.98 -8.20	78.03 -2.83 -11.87	70.49 -2.53 -11.35	75.67 -3.22 -8.90	59.23 -3.24 -6.62	61.66 -3.13 -8.94	63.13 -2.13 -9.30

GOODYEAR_LAKE_HYD 323669	103.68 3.92 -18.14	89.86 3.79 -5.48	98.66 3.41 -21.03	83.01 3.16 -9.70	82.67 3.19 -8.50	89.64 3.49 -11.82	97.88 3.51 -24.08	96.92 3.25 -28.63	115.87 3.65 -40.68	132.28 3.94 -51.08	126.47 4.47 -36.03	117.96 4.03 -31.60	119.68 4.03 -33.50	119.19 3.91 -35.48	94.95 3.56 -17.26	103.67 3.06 -38.12	112.32 3.22 -43.39	168.69 3.85 -92.20	128.07 3.73 -55.36	108.53 3.33 -43.54	111.87 3.64 -38.24	97.81 2.68 -39.29	94.73 2.62 -36.26	78.71 2.69 -20.07
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	84.50 0.33 -2.56	81.69 0.32 -0.77	77.47 0.30 -2.96	71.66 0.14 -1.37	72.31 0.14 -1.20	76.06 0.07 -1.67	73.68 0.00 -3.39	70.31 -0.46 -5.72	76.92 -0.36 -5.73	86.69 -0.46 -9.90	95.56 -0.77 -10.37	95.19 -0.82 -13.70	94.63 -0.82 -13.30	92.75 -0.88 -13.82	91.65 -0.74 -18.27	81.75 -0.62 -19.89	88.83 -0.53 -23.65	98.17 0.00 -25.53	96.99 0.00 -28.00	88.16 0.00 -26.50	90.74 -0.14 -20.89	74.92 -0.45 -19.53	76.37 -0.39 -20.92	77.14 -0.06 -21.24
GOUDEY___7 23579	84.50 0.33 -2.56	81.69 0.32 -0.77	77.47 0.30 -2.96	71.66 0.14 -1.37	72.31 0.14 -1.20	76.06 0.07 -1.67	73.68 0.00 -3.39	70.31 -0.46 -5.72	76.92 -0.36 -5.73	86.69 -0.46 -9.90	95.56 -0.77 -10.37	95.19 -0.82 -13.70	94.63 -0.82 -13.30	92.75 -0.88 -13.82	91.65 -0.74 -18.27	81.75 -0.62 -19.89	88.83 -0.53 -23.65	98.17 0.00 -25.53	96.99 0.00 -28.00	88.16 0.00 -26.50	90.74 -0.14 -20.89	74.92 -0.45 -19.53	76.37 -0.39 -20.92	77.14 -0.06 -21.24
GOUDEY___8 23580	84.50 0.33 -2.56	81.69 0.32 -0.77	77.47 0.30 -2.96	71.66 0.14 -1.37	72.31 0.14 -1.20	76.06 0.07 -1.67	73.68 0.00 -3.39	70.31 -0.46 -5.72	76.92 -0.36 -5.73	86.69 -0.46 -9.90	95.56 -0.77 -10.37	95.19 -0.82 -13.70	94.63 -0.82 -13.30	92.75 -0.88 -13.82	91.65 -0.74 -18.27	81.75 -0.62 -19.89	88.83 -0.53 -23.65	98.17 0.00 -25.53	96.99 0.00 -28.00	88.16 0.00 -26.50	90.74 -0.14 -20.89	74.92 -0.45 -19.53	76.37 -0.39 -20.92	77.14 -0.06 -21.24
GOWANUS_GT1_1 24077	147.98 5.55 -60.82	144.57 5.24 -58.74	144.40 4.68 -65.51	77.56 4.42 -2.99	144.29 4.47 -68.84	144.33 4.83 -65.17	145.75 4.99 -70.48	148.95 4.49 -79.42	149.09 5.29 -72.25	192.67 6.10 -109.31	152.25 7.05 -59.23	149.40 6.67 -60.41	149.30 6.65 -60.49	149.27 6.38 -63.08	152.09 6.08 -71.89	151.94 5.12 -84.32	234.52 5.52 -163.29	253.70 6.25 -174.82	260.62 6.07 -185.56	251.78 5.30 -184.82	214.14 6.09 -138.06	153.10 4.69 -92.57	149.21 4.47 -88.90	147.74 4.20 -87.58
GOWANUS_GT1_2 24078	147.98 5.55 -60.82	144.57 5.24 -58.74	144.40 4.68 -65.51	77.56 4.42 -2.99	144.29 4.47 -68.84	144.33 4.83 -65.17	145.75 4.99 -70.48	148.95 4.49 -79.42	149.09 5.29 -72.25	192.67 6.10 -109.31	152.25 7.05 -59.23	149.40 6.67 -60.41	149.30 6.65 -60.49	149.27 6.38 -63.08	152.09 6.08 -71.89	151.94 5.12 -84.32	234.52 5.52 -163.29	253.70 6.25 -174.82	260.62 6.07 -185.56	251.78 5.30 -184.82	214.14 6.09 -138.06	153.10 4.69 -92.57	149.21 4.47 -88.90	147.74 4.20 -87.58
GOWANUS_GT1_3 24079	147.98 5.55 -60.82	144.57 5.24 -58.74	144.40 4.68 -65.51	77.56 4.42 -2.99	144.29 4.47 -68.84	144.33 4.83 -65.17	145.75 4.99 -70.48	148.95 4.49 -79.42	149.09 5.29 -72.25	192.67 6.10 -109.31	152.25 7.05 -59.23	149.40 6.67 -60.41	149.30 6.65 -60.49	149.27 6.38 -63.08	152.09 6.08 -71.89	151.94 5.12 -84.32	234.52 5.52 -163.29	253.70 6.25 -174.82	260.62 6.07 -185.56	251.78 5.30 -184.82	214.14 6.09 -138.06	153.10 4.69 -92.57	149.21 4.47 -88.90	147.74 4.20 -87.58
GOWANUS_GT1_4 24080	147.98 5.55 -60.82	144.57 5.24 -58.74	144.40 4.68 -65.51	77.56 4.42 -2.99	144.29 4.47 -68.84	144.33 4.83 -65.17	145.75 4.99 -70.48	148.95 4.49 -79.42	149.09 5.29 -72.25	192.67 6.10 -109.31	152.25 7.05 -59.23	149.40 6.67 -60.41	149.30 6.65 -60.49	149.27 6.38 -63.08	152.09 6.08 -71.89	151.94 5.12 -84.32	234.52 5.52 -163.29	253.70 6.25 -174.82	260.62 6.07 -185.56	251.78 5.30 -184.82	214.14 6.09 -138.06	153.10 4.69 -92.57	149.21 4.47 -88.90	147.74 4.20 -87.58
GOWANUS_GT1_5 24084	147.98 5.55 -60.82	144.57 5.24 -58.74	144.40 4.68 -65.51	77.56 4.42 -2.99	144.29 4.47 -68.84	144.33 4.83 -65.17	145.75 4.99 -70.48	148.95 4.49 -79.42	149.09 5.29 -72.25	192.67 6.10 -109.31	152.25 7.05 -59.23	149.40 6.67 -60.41	149.30 6.65 -60.49	149.27 6.38 -63.08	152.09 6.08 -71.89	151.94 5.12 -84.32	234.52 5.52 -163.29	253.70 6.25 -174.82	260.62 6.07 -185.56	251.78 5.30 -184.82	214.14 6.09 -138.06	153.10 4.69 -92.57	149.21 4.47 -88.90	147.74 4.20 -87.58
GOWANUS_GT1_6 24111	147.98 5.55 -60.82	144.57 5.24 -58.74	144.40 4.68 -65.51	77.56 4.42 -2.99	144.29 4.47 -68.84	144.33 4.83 -65.17	145.75 4.99 -70.48	148.95 4.49 -79.42	149.09 5.29 -72.25	192.67 6.10 -109.31	152.25 7.05 -59.23	149.40 6.67 -60.41	149.30 6.65 -60.49	149.27 6.38 -63.08	152.09 6.08 -71.89	151.94 5.12 -84.32	234.52 5.52 -163.29	253.70 6.25 -174.82	260.62 6.07 -185.56	251.78 5.30 -184.82	214.14 6.09 -138.06	153.10 4.69 -92.57	149.21 4.47 -88.90	147.74 4.20 -87.58
GOWANUS_GT1_7 24112	147.98 5.55 -60.82	144.57 5.24 -58.74	144.40 4.68 -65.51	77.56 4.42 -2.99	144.29 4.47 -68.84	144.33 4.83 -65.17	145.75 4.99 -70.48	148.95 4.49 -79.42	149.09 5.29 -72.25	192.67 6.10 -109.31	152.25 7.05 -59.23	149.40 6.67 -60.41	149.30 6.65 -60.49	149.27 6.38 -63.08	152.09 6.08 -71.89	151.94 5.12 -84.32	234.52 5.52 -163.29	253.70 6.25 -174.82	260.62 6.07 -185.56	251.78 5.30 -184.82	214.14 6.09 -138.06	153.10 4.69 -92.57	149.21 4.47 -88.90	147.74 4.20 -87.58
GOWANUS_GT1_8 24113	147.98 5.55 -60.82	144.57 5.24 -58.74	144.40 4.68 -65.51	77.56 4.42 -2.99	144.29 4.47 -68.84	144.33 4.83 -65.17	145.75 4.99 -70.48	148.95 4.49 -79.42	149.09 5.29 -72.25	192.67 6.10 -109.31	152.25 7.05 -59.23	149.40 6.67 -60.41	149.30 6.65 -60.49	149.27 6.38 -63.08	152.09 6.08 -71.89	151.94 5.12 -84.32	234.52 5.52 -163.29	253.70 6.25 -174.82	260.62 6.07 -185.56	251.78 5.30 -184.82	214.14 6.09 -138.06	153.10 4.69 -92.57	149.21 4.47 -88.90	147.74 4.20 -87.58
GOWANUS_GT2_1 24114	148.06 5.63 -60.82	144.57 5.24 -58.74	144.70 4.97 -65.51	77.91 4.77 -2.99	144.64 4.83 -68.84	144.70 5.20 -65.17	146.03 5.27 -70.48	149.01 4.55 -79.42	149.23 5.43 -72.25	192.67 6.10 -109.31	152.26 7.05 -59.23	149.39 6.66 -60.41	149.30 6.65 -60.49	149.27 6.39 -63.08	152.09 6.08 -71.89	151.94 5.13 -84.32	234.52 5.52 -163.29	253.54 6.25 -174.65	260.44 6.07 -185.38	251.61 5.30 -184.65	214.01 6.09 -137.93	152.96 4.69 -92.43	149.08 4.47 -88.76	147.61 4.20 -87.45
GOWANUS_GT2_2 24115	148.06 5.63 -60.82	144.57 5.24 -58.74	144.70 4.97 -65.51	77.91 4.77 -2.99	144.64 4.83 -68.84	144.70 5.20 -65.17	146.03 5.27 -70.48	149.01 4.55 -79.42	149.23 5.43 -72.25	192.67 6.10 -109.31	152.26 7.05 -59.23	149.39 6.66 -60.41	149.30 6.65 -60.49	149.27 6.39 -63.08	152.09 6.08 -71.89	151.94 5.13 -84.32	234.52 5.52 -163.29	253.54 6.25 -174.65	260.44 6.07 -185.38	251.61 5.30 -184.65	214.01 6.09 -137.93	152.96 4.69 -92.43	149.08 4.47 -88.76	147.61 4.20 -87.45
GOWANUS_GT2_3 24116	148.06 5.63 -60.82	144.57 5.24 -58.74	144.70 4.97 -65.51	77.91 4.77 -2.99	144.64 4.83 -68.84	144.70 5.20 -65.17	146.03 5.27 -70.48	149.01 4.55 -79.42	149.23 5.43 -72.25	192.67 6.10 -109.31	152.26 7.05 -59.23	149.39 6.66 -60.41	149.30 6.65 -60.49	149.27 6.39 -63.08	152.09 6.08 -71.89	151.94 5.13 -84.32	234.52 5.52 -163.29	253.54 6.25 -174.65	260.44 6.07 -185.38	251.61 5.30 -184.65	214.01 6.09 -137.93	152.96 4.69 -92.43	149.08 4.47 -88.76	147.61 4.20 -87.45

GOWANUS_GT2_4 24117	148.06 5.63 -60.82	144.57 5.24 -58.74	144.70 4.97 -65.51	77.91 4.77 -2.99	144.64 4.83 -68.84	144.70 5.20 -65.17	146.03 5.27 -70.48	149.01 4.55 -79.42	149.23 5.43 -72.25	192.67 6.10 -109.31	152.26 7.05 -59.23	149.39 6.66 -60.41	149.30 6.65 -60.49	149.27 6.39 -63.08	152.09 6.08 -71.89	151.94 5.13 -84.32	234.52 5.52 -163.29	253.54 6.25 -174.65	260.44 6.07 -185.38	251.61 5.30 -184.65	214.01 6.09 -137.93	152.96 4.69 -92.43	149.08 4.47 -88.76	147.61 4.20 -87.45
GOWANUS_GT2_5 24118	148.06 5.63 -60.82	144.57 5.24 -58.74	144.70 4.97 -65.51	77.91 4.77 -2.99	144.64 4.83 -68.84	144.70 5.20 -65.17	146.03 5.27 -70.48	149.01 4.55 -79.42	149.23 5.43 -72.25	192.67 6.10 -109.31	152.26 7.05 -59.23	149.39 6.66 -60.41	149.30 6.65 -60.49	149.27 6.39 -63.08	152.09 6.08 -71.89	151.94 5.13 -84.32	234.52 5.52 -163.29	253.54 6.25 -174.65	260.44 6.07 -185.38	251.61 5.30 -184.65	214.01 6.09 -137.93	152.96 4.69 -92.43	149.08 4.47 -88.76	147.61 4.20 -87.45
GOWANUS_GT2_6 24119	148.06 5.63 -60.82	144.57 5.24 -58.74	144.70 4.97 -65.51	77.91 4.77 -2.99	144.64 4.83 -68.84	144.70 5.20 -65.17	146.03 5.27 -70.48	149.01 4.55 -79.42	149.23 5.43 -72.25	192.67 6.10 -109.31	152.26 7.05 -59.23	149.39 6.66 -60.41	149.30 6.65 -60.49	149.27 6.39 -63.08	152.09 6.08 -71.89	151.94 5.13 -84.32	234.52 5.52 -163.29	253.54 6.25 -174.65	260.44 6.07 -185.38	251.61 5.30 -184.65	214.01 6.09 -137.93	152.96 4.69 -92.43	149.08 4.47 -88.76	147.61 4.20 -87.45
GOWANUS_GT2_7 24120	148.06 5.63 -60.82	144.57 5.24 -58.74	144.70 4.97 -65.51	77.91 4.77 -2.99	144.64 4.83 -68.84	144.70 5.20 -65.17	146.03 5.27 -70.48	149.01 4.55 -79.42	149.23 5.43 -72.25	192.67 6.10 -109.31	152.26 7.05 -59.23	149.39 6.66 -60.41	149.30 6.65 -60.49	149.27 6.39 -63.08	152.09 6.08 -71.89	151.94 5.13 -84.32	234.52 5.52 -163.29	253.54 6.25 -174.65	260.44 6.07 -185.38	251.61 5.30 -184.65	214.01 6.09 -137.93	152.96 4.69 -92.43	149.08 4.47 -88.76	147.61 4.20 -87.45
GOWANUS_GT2_8 24121	148.06 5.63 -60.82	144.57 5.24 -58.74	144.70 4.97 -65.51	77.91 4.77 -2.99	144.64 4.83 -68.84	144.70 5.20 -65.17	146.03 5.27 -70.48	149.01 4.55 -79.42	149.23 5.43 -72.25	192.67 6.10 -109.31	152.26 7.05 -59.23	149.39 6.66 -60.41	149.30 6.65 -60.49	149.27 6.39 -63.08	152.09 6.08 -71.89	151.94 5.13 -84.32	234.52 5.52 -163.29	253.54 6.25 -174.65	260.44 6.07 -185.38	251.61 5.30 -184.65	214.01 6.09 -137.93	152.96 4.69 -92.43	149.08 4.47 -88.76	147.61 4.20 -87.45
GOWANUS_GT3_1 24122	148.06 5.63 -60.82	144.57 5.24 -58.74	144.70 4.97 -65.51	77.91 4.77 -2.99	144.64 4.83 -68.84	144.70 5.20 -65.17	146.03 5.27 -70.48	149.01 4.55 -79.42	149.23 5.43 -72.25	192.67 6.10 -109.31	152.26 7.05 -59.23	149.39 6.66 -60.41	149.30 6.65 -60.49	149.27 6.39 -63.08	152.09 6.08 -71.89	151.94 5.13 -84.32	234.52 5.52 -163.29	253.54 6.25 -174.65	260.44 6.07 -185.38	251.61 5.30 -184.65	214.01 6.09 -137.93	152.96 4.69 -92.43	149.08 4.47 -88.76	147.61 4.20 -87.45
GOWANUS_GT3_2 24123	148.06 5.63 -60.82	144.57 5.24 -58.74	144.70 4.97 -65.51	77.91 4.77 -2.99	144.64 4.83 -68.84	144.70 5.20 -65.17	146.03 5.27 -70.48	149.01 4.55 -79.42	149.23 5.43 -72.25	192.67 6.10 -109.31	152.26 7.05 -59.23	149.39 6.66 -60.41	149.30 6.65 -60.49	149.27 6.39 -63.08	152.09 6.08 -71.89	151.94 5.13 -84.32	234.52 5.52 -163.29	253.54 6.25 -174.65	260.44 6.07 -185.38	251.61 5.30 -184.65	214.01 6.09 -137.93	152.96 4.69 -92.43	149.08 4.47 -88.76	147.61 4.20 -87.45
GOWANUS_GT3_3 24124	148.06 5.63 -60.82	144.57 5.24 -58.74	144.70 4.97 -65.51	77.91 4.77 -2.99	144.64 4.83 -68.84	144.70 5.20 -65.17	146.03 5.27 -70.48	149.01 4.55 -79.42	149.23 5.43 -72.25	192.67 6.10 -109.31	152.26 7.05 -59.23	149.39 6.66 -60.41	149.30 6.65 -60.49	149.27 6.39 -63.08	152.09 6.08 -71.89	151.94 5.13 -84.32	234.52 5.52 -163.29	253.54 6.25 -174.65	260.44 6.07 -185.38	251.61 5.30 -184.65	214.01 6.09 -137.93	152.96 4.69 -92.43	149.08 4.47 -88.76	147.61 4.20 -87.45
GOWANUS_GT3_4 24125	148.06 5.63 -60.82	144.57 5.24 -58.74	144.70 4.97 -65.51	77.91 4.77 -2.99	144.64 4.83 -68.84	144.70 5.20 -65.17	146.03 5.27 -70.48	149.01 4.55 -79.42	149.23 5.43 -72.25	192.67 6.10 -109.31	152.26 7.05 -59.23	149.39 6.66 -60.41	149.30 6.65 -60.49	149.27 6.39 -63.08	152.09 6.08 -71.89	151.94 5.13 -84.32	234.52 5.52 -163.29	253.54 6.25 -174.65	260.44 6.07 -185.38	251.61 5.30 -184.65	214.01 6.09 -137.93	152.96 4.69 -92.43	149.08 4.47 -88.76	147.61 4.20 -87.45
GOWANUS_GT3_5 24126	148.06 5.63 -60.82	144.57 5.24 -58.74	144.70 4.97 -65.51	77.91 4.77 -2.99	144.64 4.83 -68.84	144.70 5.20 -65.17	146.03 5.27 -70.48	149.01 4.55 -79.42	149.23 5.43 -72.25	192.67 6.10 -109.31	152.26 7.05 -59.23	149.39 6.66 -60.41	149.30 6.65 -60.49	149.27 6.39 -63.08	152.09 6.08 -71.89	151.94 5.13 -84.32	234.52 5.52 -163.29	253.54 6.25 -174.65	260.44 6.07 -185.38	251.61 5.30 -184.65	214.01 6.09 -137.93	152.96 4.69 -92.43	149.08 4.47 -88.76	147.61 4.20 -87.45
GOWANUS_GT3_6 24127	148.06 5.63 -60.82	144.57 5.24 -58.74	144.70 4.97 -65.51	77.91 4.77 -2.99	144.64 4.83 -68.84	144.70 5.20 -65.17	146.03 5.27 -70.48	149.01 4.55 -79.42	149.23 5.43 -72.25	192.67 6.10 -109.31	152.26 7.05 -59.23	149.39 6.66 -60.41	149.30 6.65 -60.49	149.27 6.39 -63.08	152.09 6.08 -71.89	151.94 5.13 -84.32	234.52 5.52 -163.29	253.54 6.25 -174.65	260.44 6.07 -185.38	251.61 5.30 -184.65	214.01 6.09 -137.93	152.96 4.69 -92.43	149.08 4.47 -88.76	147.61 4.20 -87.45
GOWANUS_GT3_7 24128	148.06 5.63 -60.82	144.57 5.24 -58.74	144.70 4.97 -65.51	77.91 4.77 -2.99	144.64 4.83 -68.84	144.70 5.20 -65.17	146.03 5.27 -70.48	149.01 4.55 -79.42	149.23 5.43 -72.25	192.67 6.10 -109.31	152.26 7.05 -59.23	149.39 6.66 -60.41	149.30 6.65 -60.49	149.27 6.39 -63.08	152.09 6.08 -71.89	151.94 5.13 -84.32	234.52 5.52 -163.29	253.54 6.25 -174.65	260.44 6.07 -185.38	251.61 5.30 -184.65	214.01 6.09 -137.93	152.96 4.69 -92.43	149.08 4.47 -88.76	147.61 4.20 -87.45
GOWANUS_GT3_8 24129	148.06 5.63 -60.82	144.57 5.24 -58.74	144.70 4.97 -65.51	77.91 4.77 -2.99	144.64 4.83 -68.84	144.70 5.20 -65.17	146.03 5.27 -70.48	149.01 4.55 -79.42	149.23 5.43 -72.25	192.67 6.10 -109.31	152.26 7.05 -59.23	149.39 6.66 -60.41	149.30 6.65 -60.49	149.27 6.39 -63.08	152.09 6.08 -71.89	151.94 5.13 -84.32	234.52 5.52 -163.29	253.54 6.25 -174.65	260.44 6.07 -185.38	251.61 5.30 -184.65	214.01 6.09 -137.93	152.96 4.69 -92.43	149.08 4.47 -88.76	147.61 4.20 -87.45
GOWANUS_GT4_1 24130	147.98 5.55 -60.82	144.57 5.24 -58.74	144.40 4.68 -65.51	77.56 4.42 -2.99	144.29 4.47 -68.84	144.33 4.83 -65.17	145.75 4.99 -70.48	148.95 4.49 -79.42	149.09 5.29 -72.25	192.67 6.10 -109.31	152.25 7.05 -59.23	149.40 6.67 -60.41	149.30 6.65 -60.49	149.27 6.38 -63.08	152.09 6.08 -71.89	151.94 5.12 -84.32	234.52 5.52 -163.29	253.70 6.25 -174.82	260.62 6.07 -185.56	251.78 5.30 -184.82	214.14 6.09 -138.06	153.10 4.69 -92.57	149.21 4.47 -88.90	147.74 4.20 -87.58
GOWANUS_GT4_2 24131	147.98 5.55 -60.82	144.57 5.24 -58.74	144.40 4.68 -65.51	77.56 4.42 -2.99	144.29 4.47 -68.84	144.33 4.83 -65.17	145.75 4.99 -70.48	148.95 4.49 -79.42	149.09 5.29 -72.25	192.67 6.10 -109.31	152.25 7.05 -59.23	149.40 6.67 -60.41	149.30 6.65 -60.49	149.27 6.38 -63.08	152.09 6.08 -71.89	151.94 5.12 -84.32	234.52 5.52 -163.29	253.70 6.25 -174.82	260.62 6.07 -185.56	251.78 5.30 -184.82	214.14 6.09 -138.06	153.10 4.69 -92.57	149.21 4.47 -88.90	147.74 4.20 -87.58

GOWANUS_GT4_3 24132	147.98 5.55 -60.82	144.57 5.24 -58.74	144.40 4.68 -65.51	77.56 4.42 -2.99	144.29 4.47 -68.84	144.33 4.83 -65.17	145.75 4.99 -70.48	148.95 4.49 -79.42	149.09 5.29 -72.25	192.67 6.10 -109.31	152.25 7.05 -59.23	149.40 6.67 -60.41	149.30 6.65 -60.49	149.27 6.38 -63.08	152.09 6.08 -71.89	151.94 5.12 -84.32	234.52 5.52 -163.29	253.70 6.25 -174.82	260.62 6.07 -185.56	251.78 5.30 -184.82	214.14 6.09 -138.06	153.10 4.69 -92.57	149.21 4.47 -88.90	147.74 4.20 -87.58
GOWANUS_GT4_4 24133	147.98 5.55 -60.82	144.57 5.24 -58.74	144.40 4.68 -65.51	77.56 4.42 -2.99	144.29 4.47 -68.84	144.33 4.83 -65.17	145.75 4.99 -70.48	148.95 4.49 -79.42	149.09 5.29 -72.25	192.67 6.10 -109.31	152.25 7.05 -59.23	149.40 6.67 -60.41	149.30 6.65 -60.49	149.27 6.38 -63.08	152.09 6.08 -71.89	151.94 5.12 -84.32	234.52 5.52 -163.29	253.70 6.25 -174.82	260.62 6.07 -185.56	251.78 5.30 -184.82	214.14 6.09 -138.06	153.10 4.69 -92.57	149.21 4.47 -88.90	147.74 4.20 -87.58
GOWANUS_GT4_5 24134	147.98 5.55 -60.82	144.57 5.24 -58.74	144.40 4.68 -65.51	77.56 4.42 -2.99	144.29 4.47 -68.84	144.33 4.83 -65.17	145.75 4.99 -70.48	148.95 4.49 -79.42	149.09 5.29 -72.25	192.67 6.10 -109.31	152.25 7.05 -59.23	149.40 6.67 -60.41	149.30 6.65 -60.49	149.27 6.38 -63.08	152.09 6.08 -71.89	151.94 5.12 -84.32	234.52 5.52 -163.29	253.70 6.25 -174.82	260.62 6.07 -185.56	251.78 5.30 -184.82	214.14 6.09 -138.06	153.10 4.69 -92.57	149.21 4.47 -88.90	147.74 4.20 -87.58
GOWANUS_GT4_6 24135	147.98 5.55 -60.82	144.57 5.24 -58.74	144.40 4.68 -65.51	77.56 4.42 -2.99	144.29 4.47 -68.84	144.33 4.83 -65.17	145.75 4.99 -70.48	148.95 4.49 -79.42	149.09 5.29 -72.25	192.67 6.10 -109.31	152.25 7.05 -59.23	149.40 6.67 -60.41	149.30 6.65 -60.49	149.27 6.38 -63.08	152.09 6.08 -71.89	151.94 5.12 -84.32	234.52 5.52 -163.29	253.70 6.25 -174.82	260.62 6.07 -185.56	251.78 5.30 -184.82	214.14 6.09 -138.06	153.10 4.69 -92.57	149.21 4.47 -88.90	147.74 4.20 -87.58
GOWANUS_GT4_7 24136	147.98 5.55 -60.82	144.57 5.24 -58.74	144.40 4.68 -65.51	77.56 4.42 -2.99	144.29 4.47 -68.84	144.33 4.83 -65.17	145.75 4.99 -70.48	148.95 4.49 -79.42	149.09 5.29 -72.25	192.67 6.10 -109.31	152.25 7.05 -59.23	149.40 6.67 -60.41	149.30 6.65 -60.49	149.27 6.38 -63.08	152.09 6.08 -71.89	151.94 5.12 -84.32	234.52 5.52 -163.29	253.70 6.25 -174.82	260.62 6.07 -185.56	251.78 5.30 -184.82	214.14 6.09 -138.06	153.10 4.69 -92.57	149.21 4.47 -88.90	147.74 4.20 -87.58
GOWANUS_GT4_8 24137	147.98 5.55 -60.82	144.57 5.24 -58.74	144.40 4.68 -65.51	77.56 4.42 -2.99	144.29 4.47 -68.84	144.33 4.83 -65.17	145.75 4.99 -70.48	148.95 4.49 -79.42	149.09 5.29 -72.25	192.67 6.10 -109.31	152.25 7.05 -59.23	149.40 6.67 -60.41	149.30 6.65 -60.49	149.27 6.38 -63.08	152.09 6.08 -71.89	151.94 5.12 -84.32	234.52 5.52 -163.29	253.70 6.25 -174.82	260.62 6.07 -185.56	251.78 5.30 -184.82	214.14 6.09 -138.06	153.10 4.69 -92.57	149.21 4.47 -88.90	147.74 4.20 -87.58
GREENBSH_115KV_TB3 55895	115.57 3.35 -30.60	93.31 3.47 -9.25	112.81 3.12 -35.48	89.46 2.95 -16.37	88.30 2.98 -14.34	97.39 3.12 -19.94	113.72 2.81 -40.63	119.82 2.47 -52.30	142.96 2.79 -68.63	166.69 3.01 -86.41	158.13 3.61 -68.55	155.36 3.46 -69.58	157.58 3.45 -71.98	158.65 3.27 -75.57	144.14 3.11 -66.91	159.88 2.56 -94.83	177.16 2.63 -108.83	250.00 2.76 -174.60	203.50 2.62 -131.89	179.82 2.34 -115.82	168.08 2.80 -95.29	157.42 2.23 -99.34	151.48 2.29 -93.34	135.94 2.24 -77.74
GREENIDGE_115KV_TB5 80291	82.98 -0.16 -1.53	80.97 -0.08 -0.46	75.84 -0.15 -1.77	70.62 -0.35 -0.82	71.33 -0.35 -0.72	74.80 -0.52 -1.00	71.68 -0.63 -2.03	67.51 -1.04 -3.51	73.75 -1.22 -3.43	81.72 -1.55 -6.00	86.96 -2.67 -3.65	87.56 -2.55 -7.80	85.50 -2.55 -5.90	84.45 -2.23 -6.88	84.06 -1.85 -11.78	69.39 -1.44 -8.34	79.49 -1.25 -15.03	87.53 -0.94 -15.84	85.97 -0.76 -17.74	78.30 -0.25 -16.89	82.70 -0.56 -13.27	55.29 -0.78 -0.23	68.38 -0.78 -13.31	69.49 -0.17 -13.70
GREENIDGE___3 23582	82.98 -0.16 -1.53	80.97 -0.08 -0.46	75.84 -0.15 -1.77	70.62 -0.35 -0.82	71.33 -0.35 -0.72	74.80 -0.52 -1.00	71.68 -0.63 -2.03	67.51 -1.04 -3.51	73.75 -1.22 -3.43	81.72 -1.55 -6.00	86.96 -2.67 -3.65	87.56 -2.55 -7.80	85.50 -2.55 -5.90	84.45 -2.23 -6.88	84.06 -1.85 -11.78	69.39 -1.44 -8.34	79.49 -1.25 -15.03	87.53 -0.94 -15.84	85.97 -0.76 -17.74	78.30 -0.25 -16.89	82.70 -0.56 -13.27	55.29 -0.78 -0.23	68.38 -0.78 -13.31	69.49 -0.17 -13.70
GREENIDGE___4 23583	82.98 -0.16 -1.53	81.05 0.00 -0.46	75.91 -0.07 -1.77	70.55 -0.42 -0.82	71.26 -0.42 -0.72	74.72 -0.60 -1.00	71.68 -0.63 -2.03	67.45 -1.11 -3.51	73.61 -1.36 -3.43	81.72 -1.54 -6.00	86.96 -2.67 -3.65	87.56 -2.55 -7.80	85.42 -2.63 -5.90	84.13 -2.56 -6.88	84.13 -1.78 -11.78	69.33 -1.50 -8.34	79.49 -1.25 -15.03	86.08 -0.95 -14.39	84.38 -0.76 -16.15	76.81 -0.25 -15.39	81.52 -0.56 -12.09	54.05 -0.78 1.02	67.19 -0.78 -12.13	68.31 -0.17 -12.51
GREENLWN_69_KV_BK 3 55738	120.79 6.04 -33.13	95.00 5.72 -8.69	93.53 5.19 -14.12	88.48 4.98 -13.35	88.42 5.04 -12.41	94.20 5.43 -14.45	132.18 5.48 -56.41	141.53 4.88 -71.60	137.25 5.79 -59.91	139.59 6.41 -55.92	163.06 6.71 -70.39	165.29 6.26 -76.72	162.56 6.33 -74.08	166.16 6.07 -80.29	161.60 5.71 -81.77	167.57 4.81 -100.27	175.02 5.19 -104.11	181.47 5.81 -103.02	184.63 5.59 -110.06	175.00 4.93 -108.40	166.98 5.60 -91.38	150.21 4.47 -89.90	143.81 4.52 -83.44	136.23 4.42 -75.85
GREENWD_138_KV_38B11_REV_LBMP_J 345004	147.98 5.55 -60.82	144.57 5.24 -58.74	144.40 4.68 -65.51	77.56 4.42 -2.99	144.29 4.47 -68.84	144.33 4.83 -65.17	145.75 4.99 -70.48	148.95 4.49 -79.42	149.09 5.29 -72.25	192.67 6.10 -109.31	152.25 7.05 -59.23	149.40 6.67 -60.41	149.30 6.65 -60.49	149.27 6.38 -63.08	152.09 6.08 -71.89	151.94 5.12 -84.32	234.52 5.52 -163.29	253.70 6.25 -174.82	260.62 6.07 -185.56	251.78 5.30 -184.82	214.14 6.09 -138.06	153.10 4.69 -92.57	149.21 4.47 -88.90	147.74 4.20 -87.58
GRISSOM___SOLAR 323813	147.85 6.45 -59.79	104.95 6.29 -18.07	149.32 5.79 -69.32	107.53 5.40 -31.97	104.46 5.47 -28.02	119.08 5.80 -38.96	155.42 5.76 -79.37	166.48 5.27 -96.17	211.48 5.87 -134.07	239.63 6.18 -156.19	202.71 6.71 -110.02	188.13 6.50 -99.31	194.00 6.65 -105.20	198.10 6.46 -111.83	154.11 5.85 -74.13	194.90 5.13 -127.28	218.13 5.45 -146.97	369.84 6.25 -290.95	255.60 5.93 -180.68	217.36 5.30 -150.39	203.62 5.95 -127.68	192.47 4.47 -132.16	183.31 4.36 -123.11	146.29 4.31 -86.02
GROVEVILLE___HYD 323602	92.55 5.22 -5.70	87.47 5.16 -1.72	85.43 4.60 -6.61	77.62 4.42 -3.05	78.19 4.54 -2.67	82.94 4.91 -3.72	82.70 4.85 -7.57	83.68 4.36 -14.27	89.48 5.15 -12.79	107.52 5.79 -24.46	122.04 6.45 -29.62	127.89 6.17 -39.40	127.26 6.16 -38.94	125.62 5.91 -39.91	134.79 5.56 -55.11	127.37 4.69 -60.20	139.48 5.19 -68.57	146.56 5.74 -68.19	155.08 5.45 -80.64	143.94 4.81 -77.47	135.88 5.32 -60.56	123.76 4.02 -63.90	120.83 4.08 -60.91	123.84 3.86 -64.01
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	81.13 -0.49 0.00	80.19 -0.40 0.00	73.77 -0.45 0.00	69.59 -0.56 0.00	70.47 -0.50 0.00	73.73 -0.59 0.00	69.79 -0.49 0.00	65.31 -0.46 -0.72	70.97 -0.57 0.00	78.59 -0.70 -2.02	88.57 -0.77 -3.37	86.48 -0.74 -4.90	86.25 -0.66 -4.76	83.89 -0.72 -4.80	80.32 -0.59 -6.78	69.51 -0.44 -7.46	73.69 -0.39 -8.38	79.81 0.29 -6.89	79.34 0.34 -10.01	71.56 0.31 -9.59	77.71 0.21 -7.51	63.65 -0.11 -7.92	63.22 -0.17 -7.55	63.85 0.00 -7.89

HAMLTNNY_34_KV_TB 80303	80.88 -0.73 0.00	79.95 -0.64 0.00	73.54 -0.67 0.00	69.38 -0.77 0.00	70.26 -0.71 0.00	73.50 -0.82 0.00	69.51 -0.77 0.00	65.09 -0.72 -0.75	70.68 -0.86 0.00	78.39 -1.00 -2.14	88.41 -1.12 -3.55	86.40 -1.07 -5.15	86.09 -1.07 -5.00	83.82 -1.04 -5.05	80.35 -0.89 -7.11	69.64 -0.69 -7.84	73.85 -0.66 -8.80	79.89 0.00 -7.25	79.65 0.14 -10.52	71.80 0.06 -10.07	77.81 -0.07 -7.89	63.78 -0.39 -8.32	63.38 -0.39 -7.93	64.01 -0.22 -8.27
HAMPSHIRE___PAPER_HYD 323593	82.84 1.23 0.00	81.88 1.29 0.00	75.40 1.18 0.00	71.41 1.26 0.00	72.18 1.21 0.00	75.51 1.19 0.00	71.40 1.12 0.00	66.60 1.37 -0.19	72.76 1.22 0.00	78.03 0.77 0.00	87.01 0.68 -0.36	83.66 0.58 -0.76	83.53 0.65 -0.72	81.26 0.72 -0.73	76.37 0.45 -1.79	64.24 0.31 -1.44	67.52 0.13 -1.68	73.21 -0.14 -0.72	70.33 -0.14 -1.48	63.17 -0.12 -1.63	71.32 0.14 -1.18	57.51 0.39 -1.27	57.64 0.56 -1.24	58.17 0.50 -1.70
HARDSCRABBLE_WT_PWR 323673	84.15 2.53 0.00	83.01 2.42 0.00	76.44 2.22 0.00	72.25 2.10 0.00	73.10 2.13 0.00	76.55 2.23 0.00	72.46 2.18 0.00	67.06 2.02 0.00	73.76 2.22 0.00	79.66 2.40 0.00	88.72 2.75 0.00	84.87 2.55 0.00	84.70 2.55 0.00	82.36 2.55 0.00	76.50 2.37 0.00	64.43 1.94 0.00	67.55 1.84 0.00	74.60 1.96 0.00	70.85 1.86 0.00	63.26 1.60 0.00	71.74 1.75 0.00	57.35 1.51 0.00	57.41 1.56 0.00	57.59 1.62 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	91.01 4.24 -5.15	86.26 4.11 -1.56	83.82 3.64 -5.97	76.41 3.51 -2.75	76.93 3.55 -2.41	81.54 3.86 -3.35	81.05 3.94 -6.84	81.69 3.58 -13.07	87.31 4.22 -11.55	104.51 4.79 -22.47	118.95 5.50 -27.47	124.29 5.27 -36.70	123.66 5.26 -36.24	122.04 5.11 -37.13	130.45 4.82 -51.51	122.69 4.06 -56.14	134.05 4.40 -63.94	140.74 4.94 -63.17	148.96 4.69 -75.28	138.26 4.19 -72.40	131.25 4.69 -56.57	119.05 3.52 -59.69	116.22 3.46 -56.91	119.22 3.30 -59.96
HARSNRAD_115KV_TB1 81005	76.72 -4.90 0.00	75.68 -4.92 0.00	69.83 -4.38 0.00	65.87 -4.28 0.00	66.57 -4.40 0.00	69.34 -4.98 0.00	64.66 -5.62 0.00	59.60 -6.44 -1.00	64.10 -7.44 0.00	71.66 -8.50 -2.90	80.19 -9.63 -3.84	79.70 -9.22 -6.61	78.73 -9.28 -5.86	76.69 -9.26 -6.15	75.14 -8.38 -9.39	64.17 -7.31 -8.99	69.99 -7.43 -11.70	75.37 -6.97 -9.71	76.17 -6.83 -14.01	69.18 -5.86 -13.38	73.49 -7.00 -10.50	56.47 -6.37 -6.99	60.30 -6.09 -10.54	62.46 -4.42 -10.92
HARZA MOOSE___RIVER 24016	84.72 3.10 0.00	83.65 3.06 0.00	76.88 2.67 0.00	72.75 2.60 0.00	73.52 2.55 0.00	77.15 2.82 0.00	73.09 2.81 0.00	68.08 2.80 -0.23	74.47 2.93 0.00	79.81 2.55 0.00	89.33 2.92 -0.44	85.72 2.47 -0.93	85.50 2.46 -0.88	83.18 2.47 -0.90	78.47 2.15 -2.19	66.06 1.81 -1.76	69.67 1.91 -2.06	75.97 2.25 -1.08	73.34 2.14 -2.22	65.96 1.85 -2.45	73.80 2.03 -1.77	59.32 1.56 -1.91	59.27 1.56 -1.86	60.08 1.57 -2.55
HDSNBRDG_115KV_BRDG_TB1 355580	80.07 -1.55 0.00	79.14 -1.45 0.00	72.80 -1.41 0.00	68.68 -1.47 0.00	69.55 -1.42 0.00	72.76 -1.56 0.00	68.81 -1.48 0.00	64.34 -1.37 -0.66	69.97 -1.57 0.00	75.48 -1.78 0.00	85.32 -1.89 -1.24	83.14 -1.81 -2.64	82.85 -1.81 -2.50	80.60 -1.76 -2.55	78.71 -1.63 -6.22	66.16 -1.31 -4.98	70.22 -1.31 -5.83	75.05 -0.65 -3.07	74.71 -0.55 -6.28	68.11 -0.49 -6.94	74.32 -0.70 -5.03	60.41 -0.84 -5.40	60.27 -0.84 -5.26	62.52 -0.67 -7.23
HELLGATE_13_KV_LD 55870	92.50 5.39 -5.50	87.34 5.08 -1.67	85.10 4.53 -6.36	77.36 4.28 -2.93	77.94 4.40 -2.57	82.65 4.76 -3.58	82.42 4.85 -7.28	83.24 4.29 -13.90	88.93 5.08 -12.30	107.05 5.87 -23.92	121.97 6.79 -29.21	127.64 6.34 -38.98	127.06 6.41 -38.50	125.39 6.14 -39.44	134.53 5.78 -54.63	126.96 4.87 -59.59	138.84 5.26 -67.87	145.78 5.88 -67.26	154.74 5.66 -80.10	143.68 4.99 -77.02	135.91 5.74 -60.18	123.76 4.41 -63.50	120.63 4.24 -60.54	123.77 4.03 -63.78
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	92.50 5.39 -5.50	87.34 5.08 -1.67	85.10 4.53 -6.36	77.36 4.28 -2.93	77.94 4.40 -2.57	82.65 4.76 -3.58	82.42 4.85 -7.28	83.24 4.29 -13.90	88.93 5.08 -12.30	107.05 5.87 -23.92	121.97 6.79 -29.21	127.64 6.34 -38.98	127.06 6.41 -38.50	125.39 6.14 -39.44	134.53 5.78 -54.63	126.96 4.87 -59.59	138.84 5.26 -67.87	145.78 5.88 -67.26	154.74 5.66 -80.10	143.68 4.99 -77.02	135.91 5.74 -60.18	123.76 4.41 -63.50	120.63 4.24 -60.54	123.77 4.03 -63.78
HEMPSTEAD____ 23647	120.63 5.88 -33.13	94.84 5.56 -8.69	93.39 5.05 -14.12	88.27 4.77 -13.35	88.27 4.89 -12.41	94.05 5.28 -14.45	131.90 5.20 -56.42	141.40 4.75 -71.61	137.03 5.58 -59.91	139.43 6.26 -55.92	163.67 7.30 -70.39	166.03 6.99 -76.72	163.22 6.98 -74.08	166.88 6.78 -80.29	162.27 6.38 -81.77	168.13 5.37 -100.27	175.54 5.71 -104.11	181.81 6.32 -102.86	184.94 6.07 -109.88	175.26 5.36 -108.24	167.41 6.16 -91.26	150.35 4.74 -89.76	143.73 4.58 -83.31	136.05 4.37 -75.72
HEWLETT_69_KV_BK3 55828	121.28 6.53 -33.13	95.49 6.21 -8.69	93.98 5.64 -14.12	88.90 5.40 -13.35	88.84 5.46 -12.41	94.65 5.87 -14.45	132.53 5.83 -56.42	141.99 5.33 -71.61	137.67 6.22 -59.91	140.21 7.03 -55.92	164.36 8.00 -70.39	166.61 7.57 -76.72	163.88 7.64 -74.08	167.44 7.34 -80.29	162.79 6.89 -81.77	168.57 5.81 -100.27	176.00 6.18 -104.11	182.56 6.90 -103.02	185.67 6.62 -110.06	175.99 5.92 -108.41	168.03 6.65 -91.39	150.88 5.14 -89.90	144.37 5.08 -83.44	136.74 4.92 -75.85
HICKLING___1 23621	83.04 -0.49 -1.91	80.77 -0.40 -0.58	76.13 -0.30 -2.21	70.61 -0.56 -1.02	71.30 -0.57 -0.89	74.67 -0.89 -1.24	71.69 -1.12 -2.53	67.40 -2.02 -4.37	73.96 -1.86 -4.28	82.62 -2.16 -7.52	88.39 -3.18 -5.60	89.16 -3.21 -10.05	87.23 -3.20 -8.28	85.96 -3.11 -9.27	86.05 -2.74 -14.67	72.15 -2.31 -11.98	82.23 -2.23 -18.75	90.70 -1.74 -19.81	89.49 -1.66 -22.16	81.37 -1.36 -21.07	84.81 -1.75 -16.57	58.67 -1.90 -4.73	70.61 -1.84 -16.61	71.95 -1.06 -17.05
HICKLING___2 23622	83.04 -0.49 -1.91	80.77 -0.40 -0.58	76.13 -0.30 -2.21	70.61 -0.56 -1.02	71.30 -0.57 -0.89	74.67 -0.89 -1.24	71.69 -1.12 -2.53	67.40 -2.02 -4.37	73.96 -1.86 -4.28	82.62 -2.16 -7.52	88.39 -3.18 -5.60	89.16 -3.21 -10.05	87.23 -3.20 -8.28	85.96 -3.11 -9.27	86.05 -2.74 -14.67	72.15 -2.31 -11.98	82.23 -2.23 -18.75	90.70 -1.74 -19.81	89.49 -1.66 -22.16	81.37 -1.36 -21.07	84.81 -1.75 -16.57	58.67 -1.90 -4.73	70.61 -1.84 -16.61	71.95 -1.06 -17.05
HIGH FALLS___HY 23754	94.48 5.06 -7.80	87.95 5.00 -2.36	87.71 4.45 -9.04	78.60 4.28 -4.17	79.03 4.40 -3.66	84.24 4.83 -5.08	85.49 4.85 -10.36	86.81 4.42 -17.34	94.26 5.22 -17.49	112.50 5.79 -29.44	124.66 6.28 -32.41	129.42 5.93 -41.17	128.97 5.83 -40.98	127.63 5.67 -42.16	134.31 5.34 -54.84	128.98 4.62 -61.87	141.58 5.32 -70.55	154.72 5.96 -76.13	157.98 5.66 -83.34	145.74 4.99 -79.08	137.70 5.46 -62.25	125.49 4.08 -65.57	122.30 4.08 -62.38	123.56 3.86 -63.73
HIGH_RIVER___SOLAR 323847	149.35 4.57 -63.16	104.11 4.43 -19.09	151.52 4.08 -73.23	107.71 3.79 -33.78	104.40 3.83 -29.60	119.56 4.09 -41.15	158.14 4.00 -83.85	169.58 3.64 -100.89	217.25 4.08 -141.63	246.28 4.32 -164.70	205.23 4.64 -114.61	188.65 4.52 -101.81	194.92 4.60 -108.16	199.40 4.47 -115.13	149.96 4.15 -71.69	194.91 3.56 -128.86	218.28 3.81 -148.76	380.60 4.36 -303.61	256.89 4.14 -183.76	216.59 3.70 -151.23	203.38 4.13 -129.26	192.56 3.13 -133.59	183.12 3.07 -124.21	142.18 3.02 -83.20

HILLBURN___GT 23639	90.83 4.00 -5.22	85.96 3.79 -1.58	83.75 3.49 -6.05	76.24 3.30 -2.79	76.75 3.34 -2.45	81.44 3.71 -3.40	80.93 3.72 -6.93	81.67 3.38 -13.25	87.32 4.08 -11.70	104.66 4.64 -22.77	119.15 5.33 -27.84	124.70 5.19 -37.19	124.06 5.18 -36.73	122.46 5.03 -37.63	131.06 4.75 -52.19	123.31 3.94 -56.88	134.77 4.27 -64.79	141.28 4.79 -63.85	149.72 4.62 -76.11	138.94 4.07 -73.20	131.80 4.62 -57.19	119.72 3.52 -60.35	116.79 3.41 -57.54	119.84 3.24 -60.64
HILLSIDE_115KV_TB1 80332	82.04 -1.55 -1.97	79.74 -1.45 -0.60	75.24 -1.26 -2.29	69.80 -1.40 -1.06	70.41 -1.49 -0.93	73.90 -1.71 -1.29	71.01 -1.90 -2.62	66.84 -2.73 -4.53	73.32 -2.65 -4.43	82.04 -3.01 -7.79	88.00 -4.04 -6.07	88.85 -3.95 -10.48	87.02 -3.94 -8.80	85.66 -3.91 -9.76	85.80 -3.48 -15.16	72.36 -2.94 -12.81	82.21 -2.89 -19.39	90.59 -2.54 -20.49	89.49 -2.41 -22.91	81.35 -2.10 -21.78	84.60 -2.52 -17.13	59.48 -2.46 -6.09	70.62 -2.40 -17.17	71.84 -1.73 -17.62
HISHELDN_WT_PWR 323625	79.49 -3.51 -1.38	77.70 -3.31 -0.42	72.76 -3.05 -1.60	67.59 -3.30 -0.74	68.14 -3.48 -0.65	71.20 -4.01 -0.90	67.61 -4.50 -1.83	62.64 -5.59 -3.18	68.55 -6.08 -3.09	75.89 -6.80 -5.43	82.47 -8.34 -4.83	82.09 -7.82 -7.59	80.76 -8.13 -6.74	79.34 -7.74 -7.28	78.01 -6.97 -10.85	66.43 -6.06 -10.00	73.38 -6.11 -13.78	76.99 -5.74 -10.09	77.97 -5.59 -14.56	70.82 -4.75 -13.91	75.16 -5.74 -10.91	56.06 -5.36 -5.57	61.83 -4.97 -10.95	63.73 -3.58 -11.35
HOLTSVILLE_IC_1 23690	122.17 7.43 -33.13	96.45 7.17 -8.69	94.87 6.53 -14.12	89.74 6.24 -13.35	89.69 6.31 -12.41	95.69 6.91 -14.45	133.56 6.82 -56.46	142.94 6.25 -71.65	138.39 6.94 -59.91	140.60 7.42 -55.92	165.00 8.60 -70.43	167.02 7.98 -76.72	164.29 8.06 -74.08	167.76 7.66 -80.29	163.24 7.34 -81.77	168.95 6.19 -100.27	176.46 6.63 -104.11	182.83 7.33 -102.86	185.91 7.04 -109.88	176.29 6.35 -108.28	168.36 7.07 -91.30	151.13 5.53 -89.76	144.57 5.42 -83.31	136.94 5.26 -75.72
HOLTSVILLE_IC_10 23699	122.75 8.00 -33.13	97.02 7.74 -8.69	95.39 7.05 -14.12	90.17 6.67 -13.35	90.19 6.81 -12.41	96.14 7.36 -14.45	134.05 7.31 -56.46	143.33 6.64 -71.65	138.82 7.37 -59.91	141.14 7.96 -55.92	165.51 9.11 -70.43	167.60 8.56 -76.72	164.78 8.54 -74.08	168.24 8.14 -80.29	163.68 7.78 -81.77	169.38 6.62 -100.27	176.92 7.10 -104.11	183.41 7.92 -102.86	186.39 7.52 -109.88	176.72 6.78 -108.28	168.78 7.49 -91.30	151.46 5.86 -89.76	144.90 5.75 -83.31	137.28 5.60 -75.72
HOLTSVILLE_IC_2 23691	122.17 7.43 -33.13	96.45 7.17 -8.69	94.87 6.53 -14.12	89.74 6.24 -13.35	89.69 6.31 -12.41	95.69 6.91 -14.45	133.56 6.82 -56.46	142.94 6.25 -71.65	138.39 6.94 -59.91	140.60 7.42 -55.92	165.00 8.60 -70.43	167.02 7.98 -76.72	164.29 8.06 -74.08	167.76 7.66 -80.29	163.24 7.34 -81.77	168.95 6.19 -100.27	176.46 6.63 -104.11	182.83 7.33 -102.86	185.91 7.04 -109.88	176.29 6.35 -108.28	168.36 7.07 -91.30	151.13 5.53 -89.76	144.57 5.42 -83.31	136.94 5.26 -75.72
HOLTSVILLE_IC_3 23692	122.17 7.43 -33.13	96.45 7.17 -8.69	94.87 6.53 -14.12	89.74 6.24 -13.35	89.69 6.31 -12.41	95.69 6.91 -14.45	133.56 6.82 -56.46	142.94 6.25 -71.65	138.39 6.94 -59.91	140.60 7.42 -55.92	165.00 8.60 -70.43	167.02 7.98 -76.72	164.29 8.06 -74.08	167.76 7.66 -80.29	163.24 7.34 -81.77	168.95 6.19 -100.27	176.46 6.63 -104.11	182.83 7.33 -102.86	185.91 7.04 -109.88	176.29 6.35 -108.28	168.36 7.07 -91.30	151.13 5.53 -89.76	144.57 5.42 -83.31	136.94 5.26 -75.72
HOLTSVILLE_IC_4 23693	122.17 7.43 -33.13	96.45 7.17 -8.69	94.87 6.53 -14.12	89.74 6.24 -13.35	89.69 6.31 -12.41	95.69 6.91 -14.45	133.56 6.82 -56.46	142.94 6.25 -71.65	138.39 6.94 -59.91	140.60 7.42 -55.92	165.00 8.60 -70.43	167.02 7.98 -76.72	164.29 8.06 -74.08	167.76 7.66 -80.29	163.24 7.34 -81.77	168.95 6.19 -100.27	176.46 6.63 -104.11	182.83 7.33 -102.86	185.91 7.04 -109.88	176.29 6.35 -108.28	168.36 7.07 -91.30	151.13 5.53 -89.76	144.57 5.42 -83.31	136.94 5.26 -75.72
HOLTSVILLE_IC_5 23694	122.17 7.43 -33.13	96.45 7.17 -8.69	94.87 6.53 -14.12	89.74 6.24 -13.35	89.69 6.31 -12.41	95.69 6.91 -14.45	133.56 6.82 -56.46	142.94 6.25 -71.65	138.39 6.94 -59.91	140.60 7.42 -55.92	165.00 8.60 -70.43	167.02 7.98 -76.72	164.29 8.06 -74.08	167.76 7.66 -80.29	163.24 7.34 -81.77	168.95 6.19 -100.27	176.46 6.63 -104.11	182.83 7.33 -102.86	185.91 7.04 -109.88	176.29 6.35 -108.28	168.36 7.07 -91.30	151.13 5.53 -89.76	144.57 5.42 -83.31	136.94 5.26 -75.72
HOLTSVILLE_IC_6 23695	122.75 8.00 -33.13	97.02 7.74 -8.69	95.39 7.05 -14.12	90.17 6.67 -13.35	90.19 6.81 -12.41	96.14 7.36 -14.45	134.05 7.31 -56.46	143.33 6.64 -71.65	138.82 7.37 -59.91	141.14 7.96 -55.92	165.51 9.11 -70.43	167.60 8.56 -76.72	164.78 8.54 -74.08	168.24 8.14 -80.29	163.68 7.78 -81.77	169.38 6.62 -100.27	176.92 7.10 -104.11	183.41 7.92 -102.86	186.39 7.52 -109.88	176.72 6.78 -108.28	168.78 7.49 -91.30	151.46 5.86 -89.76	144.90 5.75 -83.31	137.28 5.60 -75.72
HOLTSVILLE_IC_7 23696	122.75 8.00 -33.13	97.02 7.74 -8.69	95.39 7.05 -14.12	90.17 6.67 -13.35	90.19 6.81 -12.41	96.14 7.36 -14.45	134.05 7.31 -56.46	143.33 6.64 -71.65	138.82 7.37 -59.91	141.14 7.96 -55.92	165.51 9.11 -70.43	167.60 8.56 -76.72	164.78 8.54 -74.08	168.24 8.14 -80.29	163.68 7.78 -81.77	169.38 6.62 -100.27	176.92 7.10 -104.11	183.41 7.92 -102.86	186.39 7.52 -109.88	176.72 6.78 -108.28	168.78 7.49 -91.30	151.46 5.86 -89.76	144.90 5.75 -83.31	137.28 5.60 -75.72
HOLTSVILLE_IC_8 23697	122.75 8.00 -33.13	97.02 7.74 -8.69	95.39 7.05 -14.12	90.17 6.67 -13.35	90.19 6.81 -12.41	96.14 7.36 -14.45	134.05 7.31 -56.46	143.33 6.64 -71.65	138.82 7.37 -59.91	141.14 7.96 -55.92	165.51 9.11 -70.43	167.60 8.56 -76.72	164.78 8.54 -74.08	168.24 8.14 -80.29	163.68 7.78 -81.77	169.38 6.62 -100.27	176.92 7.10 -104.11	183.41 7.92 -102.86	186.39 7.52 -109.88	176.72 6.78 -108.28	168.78 7.49 -91.30	151.46 5.86 -89.76	144.90 5.75 -83.31	137.28 5.60 -75.72
HOLTSVILLE_IC_9 23698	122.75 8.00 -33.13	97.02 7.74 -8.69	95.39 7.05 -14.12	90.17 6.67 -13.35	90.19 6.81 -12.41	96.14 7.36 -14.45	134.05 7.31 -56.46	143.33 6.64 -71.65	138.82 7.37 -59.91	141.14 7.96 -55.92	165.51 9.11 -70.43	167.60 8.56 -76.72	164.78 8.54 -74.08	168.24 8.14 -80.29	163.68 7.78 -81.77	169.38 6.62 -100.27	176.92 7.10 -104.11	183.41 7.92 -102.86	186.39 7.52 -109.88	176.72 6.78 -108.28	168.78 7.49 -91.30	151.46 5.86 -89.76	144.90 5.75 -83.31	137.28 5.60 -75.72
HOMER_HL_115KV_TB2 355744	78.89 -4.16 -1.43	76.92 -4.11 -0.43	73.06 -2.82 -1.66	67.97 -2.95 -0.77	68.59 -3.05 -0.67	71.76 -3.49 -0.93	68.32 -3.87 -1.90	61.73 -6.63 -3.32	69.54 -5.22 -3.22	76.97 -5.95 -5.66	81.82 -9.20 -5.05	80.93 -9.30 -7.92	79.82 -9.37 -7.03	78.22 -9.18 -7.59	77.13 -8.30 -11.30	65.74 -7.19 -10.44	72.71 -7.36 -14.36	80.55 -7.12 -15.04	79.03 -6.90 -16.95	71.77 -6.04 -16.15	75.61 -7.07 -12.68	56.76 -6.31 -7.22	62.49 -6.09 -12.73	64.34 -4.76 -13.14
HOWARD_WT_PWR 323690	82.90 -0.33 -1.61	81.00 -0.08 -0.49	75.85 -0.22 -1.86	70.24 -0.77 -0.86	70.87 -0.85 -0.75	74.03 -1.34 -1.05	70.66 -1.75 -2.13	65.88 -2.86 -3.69	72.07 -3.07 -3.60	80.34 -3.24 -6.33	85.38 -4.90 -4.31	86.08 -4.61 -8.37	83.93 -4.85 -6.62	82.73 -4.63 -7.56	82.63 -3.93 -12.44	68.68 -3.31 -9.50	78.48 -3.09 -15.86	85.23 -2.69 -15.28	83.52 -2.62 -17.16	76.03 -1.98 -16.35	80.31 -2.52 -12.84	54.28 -2.57 -1.01	66.38 -2.34 -12.88	67.90 -1.34 -13.29

HQ_GEN_CEDARS 23644	81.13 -0.49 0.00	80.19 -0.40 0.00	74.06 -0.15 0.00	70.08 -0.07 0.00	70.83 -0.14 0.00	74.03 -0.30 0.00	70.00 -0.28 0.00	64.92 -0.13 0.00	71.11 -0.43 0.00	76.72 -0.54 0.00	85.03 -0.95 0.00	81.58 -0.74 0.00	81.33 -0.82 0.00	79.25 -0.56 0.00	73.38 -0.74 0.00	61.93 -0.56 0.00	64.92 -0.79 0.00	71.04 -1.60 0.00	67.40 -1.59 0.00	60.31 -1.36 0.00	68.87 -1.12 0.00	55.34 -0.50 0.00	55.46 -0.39 0.00	55.51 -0.45 0.00
HQ_GEN_CEDARS_PROXY 323590	81.05 -0.57 0.00	80.11 -0.48 0.00	73.92 -0.30 0.00	70.08 -0.07 0.00	70.83 -0.14 0.00	73.95 -0.37 0.00	69.93 -0.35 0.00	64.92 -0.13 0.00	71.11 -0.43 0.00	76.72 -0.54 0.00	85.03 -0.94 0.00	81.49 -0.82 0.00	81.49 -0.66 0.00	79.25 -0.55 0.00	73.38 -0.74 0.00	61.93 -0.56 0.00	64.92 -0.79 0.00	71.11 -1.53 0.00	67.40 -1.58 0.00	60.31 -1.36 0.00	68.87 -1.12 0.00	55.40 -0.45 0.00	55.46 -0.39 0.00	55.51 -0.45 0.00
HQ_GEN_IMPORT 323601	80.23 -1.39 0.00	79.30 -1.29 0.00	73.10 -1.11 0.00	69.17 -0.98 0.00	69.98 -0.99 0.00	73.21 -1.11 0.00	69.15 -1.13 0.00	64.07 -0.97 0.00	70.39 -1.15 0.00	76.02 -1.24 0.00	84.51 -1.46 0.00	80.92 -1.40 0.00	80.84 -1.32 0.00	78.52 -1.28 0.00	72.86 -1.26 0.00	61.43 -1.06 0.00	64.53 -1.18 0.00	71.04 -1.60 0.00	67.40 -1.58 0.00	60.31 -1.36 0.00	68.59 -1.40 0.00	55.01 -0.84 0.00	55.01 -0.84 0.00	55.01 -0.95 0.00
HQ_GEN_WHEEL 23651	80.23 -1.39 0.00	79.30 -1.29 0.00	73.10 -1.11 0.00	69.17 -0.98 0.00	69.98 -0.99 0.00	73.21 -1.11 0.00	69.15 -1.13 0.00	64.07 -0.97 0.00	70.39 -1.15 0.00	76.02 -1.24 0.00	84.51 -1.46 0.00	80.92 -1.40 0.00	80.84 -1.32 0.00	78.52 -1.28 0.00	72.86 -1.26 0.00	61.43 -1.06 0.00	64.53 -1.18 0.00	71.04 -1.60 0.00	67.40 -1.58 0.00	60.31 -1.36 0.00	68.59 -1.40 0.00	55.01 -0.84 0.00	55.01 -0.84 0.00	55.01 -0.95 0.00
HUDSON AVE_GT_3 23810	92.08 4.98 -5.49	86.92 4.67 -1.66	84.80 4.23 -6.36	77.08 4.00 -2.93	77.66 4.12 -2.57	82.36 4.46 -3.58	82.13 4.57 -7.28	83.11 4.16 -13.90	88.78 4.94 -12.30	106.82 5.64 -23.92	121.71 6.53 -29.21	127.47 6.17 -38.98	126.90 6.24 -38.50	125.23 5.99 -39.44	134.38 5.63 -54.62	126.83 4.75 -59.59	138.64 5.06 -67.87	145.49 5.59 -67.26	154.52 5.45 -80.09	143.49 4.81 -77.02	135.70 5.53 -60.18	123.59 4.24 -63.50	120.46 4.08 -60.54	123.59 3.86 -63.77
HUDSON AVE_GT_4 23540	92.08 4.98 -5.49	86.92 4.67 -1.66	84.80 4.23 -6.36	77.08 4.00 -2.93	77.66 4.12 -2.57	82.36 4.46 -3.58	82.13 4.57 -7.28	83.11 4.16 -13.90	88.78 4.94 -12.30	106.82 5.64 -23.92	121.71 6.53 -29.21	127.47 6.17 -38.98	126.90 6.24 -38.50	125.23 5.99 -39.44	134.38 5.63 -54.62	126.83 4.75 -59.59	138.64 5.06 -67.87	145.49 5.59 -67.26	154.52 5.45 -80.09	143.49 4.81 -77.02	135.70 5.53 -60.18	123.59 4.24 -63.50	120.46 4.08 -60.54	123.59 3.86 -63.77
HUDSON AVE_GT_5 23657	92.08 4.98 -5.49	86.92 4.67 -1.66	84.80 4.23 -6.36	77.08 4.00 -2.93	77.66 4.12 -2.57	82.36 4.46 -3.58	82.13 4.57 -7.28	83.11 4.16 -13.90	88.78 4.94 -12.30	106.82 5.64 -23.92	121.71 6.53 -29.21	127.47 6.17 -38.98	126.90 6.24 -38.50	125.23 5.99 -39.44	134.38 5.63 -54.62	126.83 4.75 -59.59	138.64 5.06 -67.87	145.49 5.59 -67.26	154.52 5.45 -80.09	143.49 4.81 -77.02	135.70 5.53 -60.18	123.59 4.24 -63.50	120.46 4.08 -60.54	123.59 3.86 -63.77
HUDSON_AVE_10 24168	91.92 4.82 -5.49	86.76 4.51 -1.66	84.66 4.08 -6.36	76.94 3.86 -2.93	77.52 3.97 -2.57	82.21 4.31 -3.58	82.06 4.50 -7.28	83.05 4.10 -13.90	88.71 4.86 -12.30	106.74 5.56 -23.92	121.63 6.45 -29.21	127.39 6.09 -38.98	126.82 6.16 -38.50	125.15 5.91 -39.44	134.31 5.56 -54.62	126.77 4.69 -59.59	138.64 5.06 -67.87	145.49 5.59 -67.26	154.46 5.38 -80.09	143.49 4.81 -77.02	135.70 5.53 -60.18	123.53 4.19 -63.50	120.35 3.97 -60.54	123.48 3.75 -63.77
HUDSON___115KV_TB 4 355613	111.07 4.82 -24.64	92.96 4.92 -7.45	107.23 4.45 -28.57	87.61 4.28 -13.18	86.85 4.33 -11.55	94.91 4.53 -16.06	106.86 3.87 -32.71	111.83 3.45 -43.34	130.66 3.86 -55.25	153.12 4.02 -71.84	150.30 4.56 -59.77	149.80 4.28 -63.20	151.31 4.27 -64.88	151.74 4.07 -67.86	143.51 3.93 -65.46	153.77 3.37 -87.90	170.20 3.75 -100.74	226.97 4.07 -150.26	194.20 3.79 -121.42	173.43 3.33 -108.44	162.06 3.71 -88.35	151.01 2.85 -92.31	145.79 2.96 -86.98	134.88 2.85 -76.06
HUNTER MOUNT___DRP 323613	107.48 4.90 -20.97	91.93 5.00 -6.34	103.05 4.53 -24.31	85.71 4.35 -11.21	85.20 4.40 -9.83	92.59 4.61 -13.66	102.27 4.15 -27.84	106.44 3.64 -37.75	122.71 4.15 -47.02	144.33 4.33 -62.75	144.81 4.73 -54.11	145.64 4.45 -58.88	146.64 4.35 -60.13	146.76 4.23 -62.72	142.05 4.00 -63.92	148.99 3.50 -83.00	164.75 4.01 -95.04	211.74 4.36 -134.74	187.12 4.00 -114.13	168.23 3.51 -103.05	157.28 3.85 -83.44	146.06 2.90 -87.31	141.32 3.07 -82.41	133.09 2.85 -74.28
HUNTINGTON_RES_REC 323705	121.77 7.02 -33.13	95.97 6.69 -8.69	94.42 6.09 -14.12	89.25 5.75 -13.35	89.26 5.89 -12.41	95.17 6.39 -14.45	133.01 6.33 -56.40	142.42 5.79 -71.59	138.03 6.58 -59.91	140.36 7.19 -55.92	163.99 7.65 -70.37	166.28 7.25 -76.72	163.54 7.31 -74.08	167.12 7.02 -80.29	162.57 6.67 -81.77	168.39 5.63 -100.27	175.87 6.04 -104.11	182.25 6.76 -102.86	185.35 6.48 -109.88	175.68 5.79 -108.22	168.09 6.86 -91.24	150.68 5.08 -89.76	144.23 5.08 -83.31	136.66 4.98 -75.72
HUNTLEY___63 23557	77.29 -4.33 0.00	76.24 -4.35 0.00	70.35 -3.86 0.00	66.36 -3.79 0.00	67.07 -3.90 0.00	69.86 -4.46 0.00	65.01 -5.27 0.00	59.83 -6.24 -1.03	64.53 -7.01 0.00	72.15 -8.11 -3.00	80.80 -9.11 -3.94	80.48 -8.64 -6.81	79.47 -8.71 -6.02	77.43 -8.70 -6.32	75.95 -7.86 -9.68	64.91 -6.81 -9.23	70.75 -7.03 -12.07	76.12 -6.54 -10.03	77.10 -6.35 -14.46	70.04 -5.43 -13.80	74.31 -6.51 -10.83	56.89 -6.03 -7.08	61.08 -5.64 -10.87	63.19 -4.03 -11.26
HUNTLEY___64 23558	77.29 -4.33 0.00	76.24 -4.35 0.00	70.35 -3.86 0.00	66.36 -3.79 0.00	67.07 -3.90 0.00	69.86 -4.46 0.00	65.01 -5.27 0.00	59.83 -6.24 -1.03	64.53 -7.01 0.00	72.15 -8.11 -3.00	80.80 -9.11 -3.94	80.48 -8.64 -6.81	79.47 -8.71 -6.02	77.43 -8.70 -6.32	75.95 -7.86 -9.68	64.91 -6.81 -9.23	70.75 -7.03 -12.07	76.12 -6.54 -10.03	77.10 -6.35 -14.46	70.04 -5.43 -13.80	74.31 -6.51 -10.83	56.89 -6.03 -7.08	61.08 -5.64 -10.87	63.19 -4.03 -11.26
HUNTLEY___65 23559	77.29 -4.33 0.00	76.24 -4.35 0.00	70.35 -3.86 0.00	66.36 -3.79 0.00	67.07 -3.90 0.00	69.86 -4.46 0.00	65.01 -5.27 0.00	59.83 -6.24 -1.03	64.53 -7.01 0.00	72.15 -8.11 -3.00	80.80 -9.11 -3.94	80.48 -8.64 -6.81	79.47 -8.71 -6.02	77.43 -8.70 -6.32	75.95 -7.86 -9.68	64.91 -6.81 -9.23	70.75 -7.03 -12.07	76.12 -6.54 -10.03	77.10 -6.35 -14.46	70.04 -5.43 -13.80	74.31 -6.51 -10.83	56.89 -6.03 -7.08	61.08 -5.64 -10.87	63.19 -4.03 -11.26
HUNTLEY___66 23560	77.29 -4.33 0.00	76.24 -4.35 0.00	70.35 -3.86 0.00	66.36 -3.79 0.00	67.07 -3.90 0.00	69.86 -4.46 0.00	65.01 -5.27 0.00	59.83 -6.24 -1.03	64.53 -7.01 0.00	72.15 -8.11 -3.00	80.80 -9.11 -3.94	80.48 -8.64 -6.81	79.47 -8.71 -6.02	77.43 -8.70 -6.32	75.95 -7.86 -9.68	64.91 -6.81 -9.23	70.75 -7.03 -12.07	76.12 -6.54 -10.03	77.10 -6.35 -14.46	70.04 -5.43 -13.80	74.31 -6.51 -10.83	56.89 -6.03 -7.08	61.08 -5.64 -10.87	63.19 -4.03 -11.26

HUNTLEY___67 23561	76.97 -4.65 0.00	76.00 -4.59 0.00	70.13 -4.08 0.00	66.08 -4.07 0.00	66.85 -4.12 0.00	69.64 -4.68 0.00	64.94 -5.34 0.00	59.72 -6.37 -1.05	64.46 -7.08 0.00	72.20 -8.11 -3.06	80.59 -9.37 -3.99	80.43 -8.81 -6.92	79.47 -8.79 -6.11	77.45 -8.78 -6.42	76.05 -7.93 -9.85	64.91 -6.94 -9.36	70.90 -7.10 -12.28	76.23 -6.61 -10.21	77.22 -6.48 -14.72	70.16 -5.55 -14.04	74.36 -6.65 -11.02	56.86 -6.09 -7.11	61.21 -5.70 -11.06	63.27 -4.14 -11.45
HUNTLEY___68 23562	76.97 -4.65 0.00	76.00 -4.59 0.00	70.13 -4.08 0.00	66.08 -4.07 0.00	66.85 -4.12 0.00	69.64 -4.68 0.00	64.94 -5.34 0.00	59.72 -6.37 -1.05	64.46 -7.08 0.00	72.20 -8.11 -3.06	80.59 -9.37 -3.99	80.43 -8.81 -6.92	79.47 -8.79 -6.11	77.45 -8.78 -6.42	76.05 -7.93 -9.85	64.91 -6.94 -9.36	70.90 -7.10 -12.28	76.23 -6.61 -10.21	77.22 -6.48 -14.72	70.16 -5.55 -14.04	74.36 -6.65 -11.02	56.86 -6.09 -7.11	61.21 -5.70 -11.06	63.27 -4.14 -11.45
HYLAND___LFGE 323620	81.05 -0.57 0.00	80.03 -0.56 0.00	73.70 -0.52 0.00	69.24 -0.91 0.00	69.98 -0.99 0.00	73.13 -1.19 0.00	68.80 -1.48 0.00	64.41 -1.75 -1.12	69.11 -2.43 0.00	80.02 -0.54 -3.30	88.52 -1.29 -3.84	88.13 -1.48 -7.30	86.26 -2.05 -6.16	84.49 -1.92 -6.60	83.33 -1.33 -10.54	70.82 -1.00 -9.33	78.75 -0.13 -13.17	83.84 1.45 -9.75	84.52 1.45 -14.08	76.46 1.35 -13.44	81.59 1.05 -10.54	60.02 -0.11 -4.29	66.38 -0.06 -10.59	67.72 0.78 -10.98
INDECK___CORINTH 23802	148.50 6.77 -60.11	105.37 6.61 -18.17	150.07 6.16 -69.70	108.05 5.75 -32.15	104.97 5.82 -28.18	119.66 6.17 -39.17	156.06 5.97 -79.81	166.66 5.46 -96.15	212.64 6.30 -134.80	241.81 6.96 -157.59	203.68 7.57 -110.14	187.52 6.99 -98.20	193.53 7.14 -104.23	197.54 6.86 -110.87	149.61 6.15 -69.34	192.11 5.25 -124.37	214.76 5.58 -143.46	369.94 6.32 -290.99	252.19 5.86 -177.34	212.92 5.24 -146.02	200.50 5.74 -124.77	189.32 4.52 -128.96	180.23 4.47 -119.91	140.86 4.42 -80.48
INDECK___ILION 23567	83.49 1.88 0.00	82.45 1.85 0.00	75.84 1.63 0.00	71.69 1.54 0.00	72.53 1.56 0.00	76.03 1.71 0.00	71.90 1.62 0.00	66.61 1.56 0.00	73.26 1.72 0.00	79.11 1.85 0.00	88.12 2.15 0.00	84.29 1.98 0.00	84.13 1.97 0.00	81.72 1.92 0.00	75.90 1.78 0.00	63.99 1.50 0.00	67.16 1.45 0.00	74.16 1.53 0.00	70.44 1.45 0.00	62.96 1.29 0.00	71.39 1.40 0.00	56.96 1.12 0.00	57.02 1.17 0.00	57.14 1.18 0.00
INDECK___OLEAN 23982	78.89 -4.16 -1.43	78.05 -2.98 -0.43	73.06 -2.82 -1.66	67.90 -3.01 -0.77	68.52 -3.12 -0.67	71.69 -3.57 -0.93	68.32 -3.87 -1.90	61.73 -6.64 -3.32	69.46 -5.29 -3.22	76.90 -6.03 -5.66	81.14 -9.88 -5.05	81.02 -9.22 -7.92	79.66 -9.53 -7.03	78.22 -9.17 -7.59	77.13 -8.30 -11.30	65.74 -7.18 -10.44	72.72 -7.36 -14.36	76.04 -7.19 -10.60	77.37 -6.90 -15.28	70.21 -6.04 -14.59	74.37 -7.07 -11.44	55.40 -6.37 -5.92	61.25 -6.09 -11.49	63.10 -4.76 -11.90
INDECK___OSWEGO 23783	82.60 0.98 0.00	81.72 1.13 0.00	75.11 0.89 0.00	70.78 0.63 0.00	71.68 0.71 0.00	74.99 0.67 0.00	70.98 0.70 0.00	66.37 0.72 -0.61	72.26 0.72 0.00	78.03 0.77 0.00	88.06 0.95 -1.14	85.58 0.82 -2.44	85.29 0.82 -2.31	82.96 0.80 -2.35	80.69 0.82 -5.75	67.78 0.69 -4.61	71.95 0.85 -5.38	76.68 1.74 -2.30	75.48 1.79 -4.71	68.41 1.54 -5.20	75.30 1.54 -3.77	60.74 0.84 -4.05	60.63 0.84 -3.95	62.39 1.01 -5.42
INDECK___YERKES 23781	77.29 -4.33 0.00	76.48 -4.11 0.00	70.43 -3.78 0.00	66.22 -3.93 0.00	66.93 -4.04 0.00	69.79 -4.54 0.00	65.08 -5.20 0.00	59.89 -6.18 -1.03	64.39 -7.15 0.00	72.22 -8.04 -3.00	80.88 -9.03 -3.94	80.65 -8.48 -6.81	79.30 -8.87 -6.02	77.51 -8.62 -6.32	76.03 -7.78 -9.68	64.91 -6.81 -9.23	70.81 -6.97 -12.07	74.93 -6.46 -8.76	75.39 -6.28 -12.68	68.36 -5.43 -12.13	72.99 -6.51 -9.51	55.45 -6.09 -5.68	59.76 -5.64 -9.55	61.92 -3.97 -9.93
INDIAN POINT_GT_1 24139	91.38 4.33 -5.44	86.35 4.11 -1.64	84.23 3.71 -6.30	76.63 3.58 -2.91	77.14 3.62 -2.55	81.80 3.94 -3.54	81.44 3.94 -7.22	82.47 3.64 -13.78	88.03 4.29 -12.19	105.89 4.94 -23.69	120.57 5.67 -28.93	126.37 5.43 -38.62	125.72 5.42 -38.14	124.14 5.27 -39.07	133.24 4.97 -54.15	125.66 4.12 -59.05	137.43 4.47 -67.26	144.14 4.94 -66.57	153.02 4.76 -79.27	142.15 4.25 -76.23	134.38 4.83 -59.56	122.38 3.69 -62.85	119.34 3.57 -59.92	122.50 3.41 -63.12
INDIAN POINT_GT_2 23659	91.38 4.33 -5.44	86.35 4.11 -1.64	84.23 3.71 -6.30	76.63 3.58 -2.91	77.14 3.62 -2.55	81.80 3.94 -3.54	81.44 3.94 -7.22	82.47 3.64 -13.78	88.03 4.29 -12.19	105.89 4.94 -23.69	120.57 5.67 -28.93	126.37 5.43 -38.62	125.72 5.42 -38.14	124.14 5.27 -39.07	133.24 4.97 -54.15	125.66 4.12 -59.05	137.43 4.47 -67.26	144.14 4.94 -66.57	153.02 4.76 -79.27	142.15 4.25 -76.23	134.38 4.83 -59.56	122.38 3.69 -62.85	119.34 3.57 -59.92	122.50 3.41 -63.12
INDIAN POINT_GT_3 24019	91.38 4.33 -5.44	86.35 4.11 -1.64	84.23 3.71 -6.30	76.63 3.58 -2.91	77.14 3.62 -2.55	81.80 3.94 -3.54	81.44 3.94 -7.22	82.47 3.64 -13.78	88.03 4.29 -12.19	105.89 4.94 -23.69	120.57 5.67 -28.93	126.37 5.43 -38.62	125.72 5.42 -38.14	124.14 5.27 -39.07	133.24 4.97 -54.15	125.66 4.12 -59.05	137.43 4.47 -67.26	144.14 4.94 -66.57	153.02 4.76 -79.27	142.15 4.25 -76.23	134.38 4.83 -59.56	122.38 3.69 -62.85	119.34 3.57 -59.92	122.50 3.41 -63.12
INDIAN POINT___2 23530	91.13 4.16 -5.35	86.16 3.95 -1.62	83.98 3.56 -6.20	76.38 3.37 -2.86	76.95 3.48 -2.51	81.60 3.79 -3.49	81.25 3.86 -7.10	82.13 3.51 -13.57	87.69 4.15 -12.00	105.32 4.71 -23.34	119.92 5.42 -28.52	125.60 5.19 -38.09	125.03 5.26 -37.62	123.37 5.03 -38.54	132.30 4.75 -53.42	124.74 4.00 -58.25	136.39 4.34 -66.34	142.89 4.79 -65.46	151.62 4.62 -78.01	140.75 4.07 -75.02	133.23 4.62 -58.62	121.27 3.58 -61.85	118.28 3.46 -58.97	121.40 3.30 -62.14
INDIAN POINT___3 23531	91.22 4.16 -5.44	86.19 3.95 -1.64	84.08 3.56 -6.31	76.50 3.44 -2.91	77.00 3.48 -2.55	81.66 3.79 -3.55	81.37 3.87 -7.23	82.35 3.51 -13.79	87.90 4.15 -12.21	105.76 4.79 -23.71	120.43 5.50 -28.95	126.23 5.27 -38.65	125.67 5.34 -38.17	124.02 5.11 -39.11	133.14 4.82 -54.20	125.65 4.06 -59.10	137.36 4.34 -67.31	144.12 4.87 -66.62	153.00 4.69 -79.32	142.08 4.13 -76.28	134.29 4.69 -59.60	122.31 3.57 -62.89	119.32 3.52 -59.96	122.43 3.30 -63.16
INGHAM_C_115KV_TB7 356103	84.47 2.86 0.00	83.33 2.74 0.00	76.66 2.45 0.00	72.46 2.31 0.00	73.31 2.34 0.00	76.85 2.53 0.00	72.67 2.39 0.00	67.26 2.21 0.00	74.05 2.50 0.00	79.96 2.70 0.00	88.98 3.01 0.00	85.20 2.88 0.00	85.03 2.88 0.00	82.60 2.79 0.00	76.72 2.59 0.00	64.68 2.19 0.00	67.75 2.04 0.00	74.74 2.11 0.00	70.99 2.00 0.00	63.45 1.79 0.00	71.95 1.96 0.00	57.52 1.68 0.00	57.63 1.79 0.00	57.81 1.85 0.00
IP CORINTH___1 23988	148.51 6.77 -60.11	105.37 6.61 -18.17	149.99 6.09 -69.70	108.05 5.75 -32.15	104.97 5.82 -28.18	119.66 6.17 -39.17	156.06 5.97 -79.81	166.66 5.46 -96.15	212.64 6.30 -134.80	241.81 6.95 -157.59	203.77 7.65 -110.14	187.52 7.00 -98.20	193.53 7.15 -104.23	197.46 6.78 -110.87	149.61 6.15 -69.34	192.11 5.25 -124.37	214.76 5.59 -143.46	370.05 6.32 -291.09	252.30 5.86 -177.45	213.03 5.24 -146.12	200.58 5.74 -124.85	189.41 4.52 -129.04	180.31 4.47 -119.99	140.95 4.42 -80.57

IP___TICONDEROGA 23804	149.69 8.57 -59.51	106.88 8.30 -17.98	150.92 7.72 -68.99	109.20 7.23 -31.82	106.24 7.38 -27.89	120.83 7.73 -38.77	156.80 7.52 -79.00	167.25 6.96 -95.24	212.92 7.94 -133.44	242.04 8.65 -156.13	204.80 9.54 -109.28	188.73 8.81 -97.60	194.74 9.04 -103.55	198.63 8.70 -110.13	151.16 7.78 -69.25	192.97 6.75 -123.73	215.72 7.29 -142.72	369.59 8.28 -288.67	253.19 7.73 -176.48	213.97 6.84 -145.46	201.62 7.42 -124.21	189.94 5.70 -128.40	180.85 5.58 -119.41	141.92 5.48 -80.47
ISLIP_RES_REC 323679	123.16 8.41 -33.13	97.42 8.14 -8.69	95.76 7.42 -14.12	90.51 7.01 -13.35	90.54 7.16 -12.41	96.58 7.80 -14.45	134.40 7.66 -56.45	143.65 6.96 -71.64	139.25 7.80 -59.91	141.60 8.42 -55.92	165.94 9.54 -70.43	168.09 9.06 -76.72	165.27 9.04 -74.08	168.72 8.62 -80.29	164.12 8.23 -81.77	169.70 6.94 -100.27	177.31 7.49 -104.11	183.84 8.35 -102.86	186.80 7.93 -109.88	177.08 7.15 -108.27	168.98 7.70 -91.29	151.75 6.14 -89.76	145.18 6.03 -83.31	137.56 5.87 -75.72
JAMAICA__27_KV_LOAD 355505	92.41 5.31 -5.49	87.17 4.92 -1.66	84.95 4.38 -6.36	77.29 4.21 -2.93	77.87 4.33 -2.57	82.65 4.76 -3.58	82.56 4.99 -7.28	83.63 4.68 -13.90	89.43 5.58 -12.30	107.52 6.34 -23.92	122.40 7.22 -29.21	128.13 6.83 -38.98	127.55 6.90 -38.50	125.87 6.62 -39.44	135.05 6.30 -54.62	127.39 5.31 -59.59	139.30 5.72 -67.87	146.29 6.39 -67.26	155.28 6.21 -80.09	144.17 5.49 -77.02	136.47 6.30 -60.18	124.03 4.69 -63.50	120.79 4.41 -60.54	123.87 4.14 -63.77
JANIS___SOLAR 323808	89.37 4.81 -2.94	86.40 4.92 -0.89	81.92 4.30 -3.41	75.58 3.86 -1.57	76.18 3.83 -1.38	80.32 4.09 -1.91	78.19 4.00 -3.90	74.68 3.64 -6.00	81.85 3.72 -6.59	91.40 3.71 -10.43	102.97 3.69 -13.31	98.98 3.13 -13.54	100.39 3.04 -15.20	97.71 2.95 -14.95	92.62 2.89 -15.61	87.98 2.62 -22.87	89.99 3.09 -21.19	100.73 4.21 -23.88	97.20 4.21 -24.00	87.73 3.76 -22.31	91.75 3.99 -17.77	89.31 2.68 -30.78	76.17 2.63 -17.70	76.01 2.85 -17.20
JARVIS____ 23743	82.60 0.98 0.00	81.48 0.89 0.00	75.03 0.82 0.00	70.92 0.77 0.00	71.75 0.78 0.00	75.22 0.90 0.00	71.13 0.85 0.00	65.83 0.78 0.00	72.40 0.86 0.00	78.19 0.93 0.00	87.09 1.11 0.00	83.31 0.99 0.00	83.14 0.99 0.00	80.77 0.96 0.00	75.02 0.89 0.00	63.24 0.75 0.00	66.50 0.79 0.00	73.36 0.73 0.00	69.68 0.69 0.00	62.28 0.62 0.00	70.69 0.70 0.00	56.35 0.50 0.00	56.35 0.50 0.00	56.46 0.50 0.00
JENNISON___1 23625	91.96 5.63 -4.71	87.58 5.56 -1.42	84.64 4.97 -5.46	77.23 4.56 -2.52	77.65 4.47 -2.21	82.15 4.76 -3.07	81.03 4.50 -6.25	78.12 4.03 -9.05	86.39 4.29 -10.56	97.61 4.48 -15.87	106.44 4.90 -15.56	103.95 4.20 -17.44	104.29 4.19 -17.94	102.22 3.99 -18.42	97.46 3.63 -19.70	91.20 3.12 -25.59	97.19 3.35 -28.13	113.07 4.43 -36.01	107.07 4.28 -33.81	96.37 3.82 -30.89	98.89 4.06 -24.84	87.24 2.85 -28.55	83.31 2.85 -24.62	81.94 3.08 -22.90
JENNISON___2 23626	91.96 5.63 -4.71	87.58 5.56 -1.42	84.64 4.97 -5.46	77.23 4.56 -2.52	77.65 4.47 -2.21	82.15 4.76 -3.07	81.03 4.50 -6.25	78.12 4.03 -9.05	86.39 4.29 -10.56	97.61 4.48 -15.87	106.44 4.90 -15.56	103.95 4.20 -17.44	104.29 4.19 -17.94	102.22 3.99 -18.42	97.46 3.63 -19.70	91.20 3.12 -25.59	97.19 3.35 -28.13	113.07 4.43 -36.01	107.07 4.28 -33.81	96.37 3.82 -30.89	98.89 4.06 -24.84	87.24 2.85 -28.55	83.31 2.85 -24.62	81.94 3.08 -22.90
JERICHO_RISE_WT_PWR 323719	80.80 -0.82 0.00	79.94 -0.65 0.00	73.92 -0.30 0.00	70.08 -0.07 0.00	70.90 -0.07 0.00	74.03 -0.30 0.00	69.72 -0.56 0.00	64.72 -0.32 0.00	70.90 -0.65 0.00	76.56 -0.70 0.00	84.94 -1.03 0.00	81.41 -0.90 0.00	81.41 -0.74 0.00	79.08 -0.72 0.00	73.16 -0.97 0.00	61.68 -0.81 0.00	64.66 -1.05 0.00	70.75 -1.89 0.00	66.92 -2.07 0.00	59.94 -1.73 0.00	68.39 -1.61 0.00	54.90 -0.95 0.00	54.95 -0.90 0.00	55.18 -0.78 0.00
KATONAH___115KV_46KV_TB4 355592	92.62 5.39 -5.62	87.61 5.32 -1.70	85.62 4.90 -6.51	77.78 4.63 -3.00	78.36 4.75 -2.63	83.11 5.13 -3.66	82.73 4.99 -7.46	83.73 4.49 -14.20	89.65 5.51 -12.60	107.94 6.34 -24.34	122.63 6.96 -29.69	128.61 6.67 -39.62	128.03 6.74 -39.14	126.37 6.46 -40.10	135.81 6.08 -55.61	128.16 5.06 -60.61	140.21 5.45 -69.04	146.96 6.10 -68.23	155.91 5.79 -81.13	144.78 5.12 -78.00	136.62 5.67 -60.95	124.46 4.30 -64.31	121.52 4.36 -61.32	124.67 4.14 -64.56
KCE_NY_1 323755	146.15 5.88 -58.65	104.04 5.72 -17.72	147.48 5.27 -68.00	106.50 4.98 -31.37	103.50 5.04 -27.49	117.82 5.28 -38.22	153.27 5.13 -77.86	163.69 4.69 -93.96	208.43 5.37 -131.52	237.12 5.80 -154.06	200.40 6.36 -108.06	185.07 6.01 -96.75	190.83 6.08 -102.60	194.79 5.91 -109.08	148.60 5.34 -69.14	189.89 4.56 -122.84	212.24 4.86 -141.67	363.25 5.45 -285.17	249.09 5.10 -174.99	210.65 4.56 -144.42	198.27 5.04 -123.23	187.16 3.91 -127.41	178.21 3.85 -118.52	140.07 3.86 -80.25
KCE_NY_6_ESR 323823	77.95 -3.67 0.00	77.13 -3.46 0.00	71.02 -3.19 0.00	66.78 -3.37 0.00	67.42 -3.55 0.00	70.31 -4.01 0.00	65.78 -4.50 0.00	60.21 -5.92 -1.08	65.25 -6.30 0.00	73.41 -7.03 -3.18	81.23 -8.85 -4.11	81.27 -8.23 -7.18	79.84 -8.62 -6.31	78.15 -8.30 -6.65	76.86 -7.48 -10.22	65.59 -6.56 -9.66	71.76 -6.70 -12.76	75.76 -6.25 -9.37	76.46 -6.07 -13.55	69.43 -5.18 -12.95	73.91 -6.23 -10.15	55.87 -5.81 -5.84	60.62 -5.42 -10.19	62.69 -3.86 -10.59
KEDC_PORT_JEFF_GT2 24210	122.66 7.91 -33.13	96.85 7.57 -8.69	95.24 6.90 -14.12	90.09 6.59 -13.35	90.05 6.67 -12.41	96.06 7.29 -14.45	133.98 7.24 -56.46	143.33 6.64 -71.65	138.75 7.30 -59.91	141.06 7.88 -55.92	165.43 9.02 -70.44	167.52 8.48 -76.72	164.70 8.46 -74.08	168.15 8.06 -80.29	163.60 7.71 -81.77	169.26 6.50 -100.27	176.79 6.96 -104.11	183.27 7.78 -102.86	186.25 7.39 -109.88	176.67 6.72 -108.28	168.79 7.49 -91.30	151.41 5.81 -89.76	144.85 5.70 -83.31	137.22 5.54 -75.72
KEDC_PORT_JEFF_GT3 24211	122.66 7.91 -33.13	96.85 7.57 -8.69	95.24 6.90 -14.12	90.09 6.59 -13.35	90.05 6.67 -12.41	96.06 7.29 -14.45	133.98 7.24 -56.46	143.33 6.64 -71.65	138.75 7.30 -59.91	141.06 7.88 -55.92	165.43 9.02 -70.44	167.52 8.48 -76.72	164.70 8.46 -74.08	168.15 8.06 -80.29	163.60 7.71 -81.77	169.26 6.50 -100.27	176.79 6.96 -104.11	183.27 7.78 -102.86	186.25 7.39 -109.88	176.67 6.72 -108.28	168.79 7.49 -91.30	151.41 5.81 -89.76	144.85 5.70 -83.31	137.22 5.54 -75.72
KEDC_GLWD_GT4 24219	120.79 6.04 -33.13	95.00 5.72 -8.69	93.53 5.19 -14.12	88.41 4.91 -13.35	88.42 5.04 -12.41	94.20 5.42 -14.45	132.11 5.41 -56.42	141.59 4.94 -71.61	137.24 5.79 -59.91	139.67 6.49 -55.92	164.19 7.82 -70.39	166.53 7.49 -76.72	163.71 7.48 -74.08	167.36 7.26 -80.29	162.64 6.74 -81.77	168.45 5.69 -100.27	175.87 6.04 -104.11	182.25 6.76 -102.86	185.35 6.48 -109.88	175.63 5.74 -108.24	167.83 6.58 -91.26	150.63 5.03 -89.76	144.01 4.86 -83.31	136.38 4.70 -75.72
KEDC_GLWD_GT5 24220	120.79 6.04 -33.13	95.00 5.72 -8.69	93.53 5.19 -14.12	88.41 4.91 -13.35	88.42 5.04 -12.41	94.20 5.42 -14.45	132.11 5.41 -56.42	141.59 4.94 -71.61	137.24 5.79 -59.91	139.67 6.49 -55.92	164.19 7.82 -70.39	166.53 7.49 -76.72	163.71 7.48 -74.08	167.36 7.26 -80.29	162.64 6.74 -81.77	168.45 5.69 -100.27	175.87 6.04 -104.11	182.25 6.76 -102.86	185.35 6.48 -109.88	175.63 5.74 -108.24	167.83 6.58 -91.26	150.63 5.03 -89.76	144.01 4.86 -83.31	136.38 4.70 -75.72

KENSICO____ 23655	91.67 4.57 -5.48	86.60 4.35 -1.66	84.50 3.93 -6.35	76.87 3.79 -2.93	77.37 3.83 -2.57	82.06 4.16 -3.57	81.78 4.22 -7.28	82.77 3.84 -13.88	88.41 4.58 -12.29	106.32 5.18 -23.88	121.06 5.93 -29.16	126.91 5.68 -38.92	126.26 5.67 -38.44	124.69 5.51 -39.38	133.86 5.19 -54.55	126.36 4.37 -59.50	138.14 4.67 -67.77	144.99 5.23 -67.12	153.87 4.97 -79.92	142.96 4.44 -76.85	135.08 5.04 -60.05	123.06 3.85 -63.36	120.00 3.74 -60.41	123.18 3.58 -63.64
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	93.47 5.14 -6.71	87.62 5.00 -2.03	86.52 4.53 -7.78	78.09 4.35 -3.59	78.52 4.40 -3.15	83.53 4.83 -4.37	84.04 4.85 -8.91	84.91 4.36 -15.50	91.75 5.15 -15.06	109.31 5.64 -26.41	122.13 6.10 -30.05	126.97 5.84 -38.81	126.43 5.75 -38.53	124.89 5.51 -39.58	132.02 5.26 -52.63	125.72 4.56 -58.67	137.78 5.19 -66.88	148.52 5.81 -70.08	153.46 5.59 -78.89	141.79 4.93 -75.20	134.43 5.39 -59.04	122.10 4.02 -62.23	119.11 4.02 -59.25	120.94 3.81 -61.17
KIAC_JFK_GT1 23816	91.59 4.49 -5.49	86.36 4.11 -1.66	84.28 3.71 -6.36	76.59 3.51 -2.93	77.16 3.62 -2.57	81.99 4.09 -3.58	81.85 4.29 -7.28	82.98 4.03 -13.90	88.71 4.86 -12.30	106.74 5.56 -23.92	121.63 6.45 -29.21	127.31 6.01 -38.98	126.73 6.08 -38.50	125.15 5.91 -39.44	134.31 5.56 -54.62	126.77 4.69 -59.59	138.64 5.06 -67.87	145.56 5.67 -67.26	154.59 5.52 -80.09	143.55 4.87 -77.02	135.77 5.60 -60.18	123.53 4.19 -63.50	120.24 3.85 -60.54	123.32 3.58 -63.77
KIAC_JFK_GT2 23817	91.59 4.49 -5.49	86.36 4.11 -1.66	84.28 3.71 -6.36	76.59 3.51 -2.93	77.16 3.62 -2.57	81.99 4.09 -3.58	81.85 4.29 -7.28	82.98 4.03 -13.90	88.71 4.86 -12.30	106.74 5.56 -23.92	121.63 6.45 -29.21	127.31 6.01 -38.98	126.73 6.08 -38.50	125.15 5.91 -39.44	134.31 5.56 -54.62	126.77 4.69 -59.59	138.64 5.06 -67.87	145.56 5.67 -67.26	154.59 5.52 -80.09	143.55 4.87 -77.02	135.77 5.60 -60.18	123.53 4.19 -63.50	120.24 3.85 -60.54	123.32 3.58 -63.77
KIAC_JFK____ 323774	91.75 4.65 -5.49	86.52 4.27 -1.66	84.43 3.86 -6.36	76.73 3.65 -2.93	77.30 3.76 -2.57	82.13 4.23 -3.58	82.07 4.50 -7.28	82.98 4.03 -13.90	88.78 4.93 -12.30	106.75 5.57 -23.92	121.63 6.45 -29.21	127.39 6.09 -38.98	126.73 6.08 -38.50	125.07 5.82 -39.44	134.31 5.56 -54.62	126.77 4.69 -59.59	138.64 5.06 -67.87	145.40 5.67 -67.09	154.41 5.52 -79.91	143.38 4.87 -76.85	135.64 5.60 -60.04	123.39 4.19 -63.36	120.10 3.85 -60.40	123.19 3.58 -63.64
KINTIGH____ 23543	77.05 -4.57 0.00	76.08 -4.51 0.00	70.20 -4.01 0.00	66.22 -3.93 0.00	66.92 -4.05 0.00	69.86 -4.46 0.00	65.22 -5.06 0.00	60.76 -5.20 -0.92	65.03 -6.51 0.00	72.50 -7.42 -2.66	81.86 -7.74 -3.62	81.35 -7.08 -6.11	80.56 -7.07 -5.48	78.42 -7.10 -5.72	76.44 -6.37 -8.69	65.36 -5.56 -8.43	70.86 -5.65 -10.80	76.42 -5.16 -8.94	76.88 -5.04 -12.93	69.76 -4.25 -12.35	74.50 -5.18 -9.68	57.76 -4.91 -6.83	60.99 -4.58 -9.72	62.76 -3.30 -10.10
KNTFSRNC_46_KV_46KV_LOAD 80397	82.84 1.22 0.00	81.96 1.37 0.00	75.84 1.63 0.00	71.90 1.75 0.00	72.67 1.70 0.00	75.81 1.49 0.00	71.34 1.05 0.00	66.15 1.11 0.00	72.40 0.86 0.00	78.11 0.85 0.00	86.40 0.43 0.00	82.98 0.66 0.00	82.73 0.58 0.00	80.60 0.80 0.00	74.50 0.37 0.00	62.93 0.44 0.00	66.04 0.33 0.00	72.05 -0.58 0.00	68.23 -0.76 0.00	61.11 -0.55 0.00	69.85 -0.14 0.00	55.96 0.11 0.00	56.07 0.22 0.00	56.52 0.56 0.00
LACHUTE____HYDRO 323717	149.69 8.57 -59.51	106.88 8.30 -17.98	150.92 7.72 -68.99	109.20 7.23 -31.82	106.17 7.31 -27.89	120.83 7.73 -38.77	156.87 7.59 -79.00	167.25 6.96 -95.24	212.92 7.94 -133.44	242.04 8.65 -156.13	204.79 9.54 -109.28	188.73 8.81 -97.60	194.74 9.04 -103.55	198.63 8.70 -110.13	151.16 7.78 -69.25	192.97 6.75 -123.73	215.72 7.29 -142.72	369.49 8.28 -288.57	253.01 7.66 -176.36	213.86 6.84 -145.36	201.54 7.42 -124.13	189.86 5.70 -128.31	180.76 5.58 -119.33	141.83 5.49 -80.39
LAWRNCV_115KV_TB1 80681	81.45 -0.16 0.00	80.51 -0.08 0.00	74.36 0.15 0.00	70.43 0.28 0.00	71.11 0.14 0.00	74.32 0.00 0.00	70.28 0.00 0.00	65.24 0.20 0.00	71.40 -0.14 0.00	76.95 -0.31 0.00	85.28 -0.69 0.00	81.74 -0.58 0.00	81.50 -0.66 0.00	79.41 -0.40 0.00	73.53 -0.59 0.00	61.93 -0.56 0.00	64.72 -0.99 0.00	70.67 -1.96 0.00	67.06 -1.93 0.00	60.00 -1.66 0.00	68.66 -1.33 0.00	55.40 -0.45 0.00	55.62 -0.22 0.00	55.68 -0.28 0.00
LEDERLE____ 23769	91.05 4.16 -5.27	86.22 4.03 -1.59	83.89 3.56 -6.12	76.41 3.44 -2.82	76.92 3.48 -2.47	81.62 3.86 -3.44	81.15 3.87 -7.00	82.01 3.58 -13.39	87.59 4.22 -11.83	105.06 4.79 -23.01	119.78 5.67 -28.13	125.32 5.43 -37.57	124.77 5.50 -37.11	123.08 5.27 -38.01	131.81 4.97 -52.72	124.14 4.19 -57.47	135.70 4.53 -65.45	142.35 5.01 -64.70	150.91 4.83 -77.09	140.12 4.32 -74.14	132.75 4.83 -57.93	120.66 3.69 -61.13	117.70 3.57 -58.28	120.78 3.41 -61.40
LIGHTHSE_115KV_TB6 355974	82.68 1.06 0.00	81.72 1.13 0.00	75.10 0.89 0.00	70.92 0.77 0.00	71.75 0.78 0.00	75.07 0.74 0.00	70.98 0.70 0.00	66.37 0.78 -0.54	72.33 0.79 0.00	77.88 0.62 0.00	87.85 0.86 -1.02	85.14 0.66 -2.17	84.87 0.66 -2.06	82.62 0.72 -2.09	79.91 0.67 -5.11	67.21 0.62 -4.10	71.22 0.72 -4.79	76.68 1.53 -2.52	75.67 1.52 -5.16	68.66 1.29 -5.70	75.39 1.26 -4.13	61.02 0.73 -4.44	61.01 0.84 -4.33	62.86 0.95 -5.94
LINDEN COGEN____ 23786	68.53 4.32 17.41	65.67 4.03 18.95	65.67 3.64 12.18	65.67 3.44 7.92	65.67 3.55 8.85	65.67 3.94 12.59	65.67 4.00 8.62	65.67 3.71 3.08	65.67 4.44 10.31	65.93 5.02 16.35	73.17 5.76 18.56	73.18 5.52 14.65	73.17 5.50 14.49	73.17 5.27 11.90	73.17 5.04 6.00	73.18 4.19 -6.50	56.65 4.53 13.60	44.43 5.01 33.21	43.43 4.83 30.39	44.27 4.31 21.71	74.18 4.97 0.78	73.17 3.74 -13.58	73.17 3.58 -13.75	73.17 3.36 -13.85
LINDHRST_69_KV_BK1 356055	122.34 7.59 -33.13	96.61 7.33 -8.69	94.94 6.60 -14.12	89.74 6.24 -13.35	89.76 6.39 -12.41	95.61 6.84 -14.45	133.31 6.61 -56.42	142.57 5.92 -71.61	138.53 7.08 -59.91	141.06 7.88 -55.92	164.79 8.43 -70.39	167.51 8.48 -76.72	164.78 8.54 -74.08	168.32 8.22 -80.29	163.68 7.78 -81.77	169.32 6.56 -100.27	176.86 7.03 -104.11	183.58 7.92 -103.02	186.57 7.52 -110.06	176.67 6.60 -108.41	168.87 7.49 -91.39	151.55 5.81 -89.90	144.87 5.58 -83.44	137.24 5.43 -75.85
LIPA_MISC_IPP 23656	122.34 7.59 -33.13	96.69 7.41 -8.69	95.02 6.68 -14.12	89.88 6.38 -13.35	89.91 6.53 -12.41	95.91 7.13 -14.45	133.84 7.10 -56.46	143.20 6.50 -71.65	138.32 6.87 -59.91	140.59 7.42 -55.92	165.35 8.94 -70.43	167.18 8.15 -76.72	164.37 8.13 -74.08	167.76 7.66 -80.29	163.31 7.41 -81.77	169.13 6.37 -100.27	176.53 6.70 -104.11	183.07 7.41 -103.02	186.08 7.04 -110.06	176.58 6.47 -108.45	168.77 7.35 -91.43	151.38 5.64 -89.90	144.81 5.53 -83.44	137.18 5.37 -75.85
LISF__SOLAR 323691	122.58 7.84 -33.13	96.85 7.57 -8.69	95.24 6.90 -14.12	90.09 6.59 -13.35	90.12 6.75 -12.41	96.14 7.36 -14.45	134.05 7.31 -56.46	143.39 6.70 -71.65	138.60 7.15 -59.91	140.75 7.58 -55.92	165.43 9.02 -70.43	167.35 8.31 -76.72	164.53 8.29 -74.08	167.92 7.83 -80.29	163.46 7.56 -81.77	169.20 6.44 -100.27	176.66 6.83 -104.11	183.05 7.55 -102.86	186.04 7.17 -109.88	176.60 6.66 -108.28	168.78 7.49 -91.30	151.30 5.70 -89.76	144.79 5.64 -83.31	137.17 5.49 -75.72

LITTLE FALLS___HYD 24013	84.47 2.86 0.00	83.33 2.74 0.00	76.66 2.45 0.00	72.46 2.31 0.00	73.31 2.34 0.00	76.85 2.53 0.00	72.67 2.39 0.00	67.26 2.21 0.00	74.05 2.50 0.00	79.96 2.70 0.00	88.98 3.01 0.00	85.20 2.88 0.00	85.03 2.88 0.00	82.60 2.79 0.00	76.72 2.59 0.00	64.68 2.19 0.00	67.75 2.04 0.00	74.74 2.11 0.00	70.99 2.00 0.00	63.45 1.79 0.00	71.95 1.96 0.00	57.52 1.68 0.00	57.63 1.79 0.00	57.81 1.85 0.00
LITTLRIV_115KV_TB1 356100	82.43 0.82 0.00	81.48 0.89 0.00	75.18 0.96 0.00	71.20 1.05 0.00	71.96 0.99 0.00	75.14 0.82 0.00	71.05 0.77 0.00	66.12 0.98 -0.10	72.19 0.64 0.00	77.65 0.39 0.00	86.24 0.09 -0.18	82.79 0.08 -0.39	82.61 0.08 -0.37	80.50 0.32 -0.38	75.12 0.07 -0.92	63.29 0.06 -0.74	66.31 -0.26 -0.87	72.00 -1.09 -0.46	68.75 -1.17 -0.93	61.77 -0.92 -1.03	70.18 -0.56 -0.75	56.82 0.17 -0.80	57.07 0.45 -0.78	57.43 0.39 -1.07
LI_NEWBRDGE___DRP 323616	120.46 5.71 -33.13	94.76 5.48 -8.69	93.31 4.97 -14.12	88.20 4.70 -13.35	88.20 4.83 -12.41	93.98 5.20 -14.45	131.90 5.20 -56.42	141.40 4.75 -71.61	136.96 5.51 -59.91	139.36 6.18 -55.92	163.33 6.96 -70.39	165.70 6.67 -76.72	162.89 6.65 -74.08	166.56 6.46 -80.29	161.97 6.08 -81.77	167.88 5.12 -100.27	175.28 5.45 -104.11	181.76 6.10 -103.02	184.91 5.86 -110.06	175.25 5.18 -108.41	167.26 5.88 -91.39	150.32 4.58 -89.90	143.75 4.47 -83.44	136.12 4.31 -75.85
LOCKPORT_115KV_TB60_63_64 80432	76.72 -4.90 0.00	75.68 -4.92 0.00	69.83 -4.38 0.00	65.80 -4.35 0.00	66.57 -4.40 0.00	69.34 -4.98 0.00	64.66 -5.62 0.00	59.60 -6.44 -0.99	64.10 -7.44 0.00	71.56 -8.58 -2.88	80.17 -9.63 -3.82	79.74 -9.14 -6.56	78.78 -9.20 -5.83	76.66 -9.26 -6.11	75.16 -8.30 -9.33	64.19 -7.25 -8.95	69.91 -7.43 -11.62	75.38 -6.90 -9.65	76.15 -6.76 -13.92	69.16 -5.80 -13.29	73.49 -6.93 -10.43	56.51 -6.31 -6.98	60.28 -6.03 -10.47	62.45 -4.37 -10.85
LOCKPORT___CC1 323769	76.64 -4.98 0.00	75.84 -4.75 0.00	69.83 -4.38 0.00	65.66 -4.49 0.00	66.36 -4.61 0.00	69.27 -5.06 0.00	64.66 -5.63 0.00	59.54 -6.50 -1.00	63.89 -7.65 0.00	71.66 -8.50 -2.90	80.27 -9.55 -3.84	79.78 -9.14 -6.61	78.48 -9.53 -5.86	76.69 -9.26 -6.15	75.14 -8.38 -9.39	64.17 -7.31 -8.99	69.99 -7.43 -11.70	74.03 -7.04 -8.43	74.38 -6.83 -12.22	67.49 -5.86 -11.69	72.15 -7.00 -9.16	54.89 -6.53 -5.58	59.02 -6.03 -9.20	61.12 -4.42 -9.58
LOCKPORT___CC2 323770	76.64 -4.98 0.00	75.84 -4.75 0.00	69.83 -4.38 0.00	65.66 -4.49 0.00	66.36 -4.61 0.00	69.27 -5.06 0.00	64.66 -5.63 0.00	59.54 -6.50 -1.00	63.89 -7.65 0.00	71.66 -8.50 -2.90	80.27 -9.55 -3.84	79.78 -9.14 -6.61	78.48 -9.53 -5.86	76.69 -9.26 -6.15	75.14 -8.38 -9.39	64.17 -7.31 -8.99	69.99 -7.43 -11.70	74.03 -7.04 -8.43	74.38 -6.83 -12.22	67.49 -5.86 -11.69	72.15 -7.00 -9.16	54.89 -6.53 -5.58	59.02 -6.03 -9.20	61.12 -4.42 -9.58
LOCKPORT___CC3 323771	76.64 -4.98 0.00	75.84 -4.75 0.00	69.83 -4.38 0.00	65.66 -4.49 0.00	66.36 -4.61 0.00	69.27 -5.06 0.00	64.66 -5.63 0.00	59.54 -6.50 -1.00	63.89 -7.65 0.00	71.66 -8.50 -2.90	80.27 -9.55 -3.84	79.78 -9.14 -6.61	78.48 -9.53 -5.86	76.69 -9.26 -6.15	75.14 -8.38 -9.39	64.17 -7.31 -8.99	69.99 -7.43 -11.70	74.03 -7.04 -8.43	74.38 -6.83 -12.22	67.49 -5.86 -11.69	72.15 -7.00 -9.16	54.89 -6.53 -5.58	59.02 -6.03 -9.20	61.12 -4.42 -9.58
LONG_LAKE_PHOENIX 24014	82.03 0.41 0.00	81.08 0.48 0.00	74.51 0.30 0.00	70.29 0.14 0.00	71.18 0.21 0.00	74.47 0.15 0.00	70.49 0.21 0.00	65.92 0.26 -0.62	71.76 0.21 0.00	77.41 0.15 0.00	87.39 0.26 -1.16	85.03 0.25 -2.47	84.74 0.25 -2.34	82.43 0.24 -2.38	80.17 0.22 -5.82	67.40 0.25 -4.66	71.56 0.39 -5.45	76.74 1.23 -2.87	76.17 1.31 -5.87	69.26 1.11 -6.49	75.75 1.05 -4.70	61.41 0.50 -5.06	61.22 0.45 -4.93	63.34 0.62 -6.76
LOVETT___3 23632	90.75 3.84 -5.30	85.82 3.63 -1.60	83.62 3.27 -6.14	76.07 3.09 -2.83	76.65 3.19 -2.48	81.27 3.49 -3.45	80.83 3.51 -7.03	81.73 3.25 -13.44	87.28 3.86 -11.87	104.76 4.40 -23.10	119.45 5.24 -28.23	125.13 5.10 -37.71	124.49 5.09 -37.24	122.90 4.95 -38.15	131.63 4.60 -52.91	124.04 3.87 -57.67	135.60 4.21 -65.69	142.22 4.65 -64.94	150.85 4.48 -77.38	140.09 4.01 -74.42	132.69 4.55 -58.14	120.66 3.46 -61.35	117.69 3.35 -58.49	120.78 3.19 -61.63
LOVETT___4 23642	90.75 3.84 -5.30	85.82 3.63 -1.60	83.62 3.27 -6.14	76.07 3.09 -2.83	76.65 3.19 -2.48	81.27 3.49 -3.45	80.83 3.51 -7.03	81.73 3.25 -13.44	87.28 3.86 -11.87	104.76 4.40 -23.10	119.45 5.24 -28.23	125.13 5.10 -37.71	124.49 5.09 -37.24	122.90 4.95 -38.15	131.63 4.60 -52.91	124.04 3.87 -57.67	135.60 4.21 -65.69	142.22 4.65 -64.94	150.85 4.48 -77.38	140.09 4.01 -74.42	132.69 4.55 -58.14	120.66 3.46 -61.35	117.69 3.35 -58.49	120.78 3.19 -61.63
LOVETT___5 23593	90.75 3.84 -5.30	85.82 3.63 -1.60	83.62 3.27 -6.14	76.07 3.09 -2.83	76.65 3.19 -2.48	81.27 3.49 -3.45	80.83 3.51 -7.03	81.73 3.25 -13.44	87.28 3.86 -11.87	104.76 4.40 -23.10	119.45 5.24 -28.23	125.13 5.10 -37.71	124.49 5.09 -37.24	122.90 4.95 -38.15	131.63 4.60 -52.91	124.04 3.87 -57.67	135.60 4.21 -65.69	142.22 4.65 -64.94	150.85 4.48 -77.38	140.09 4.01 -74.42	132.69 4.55 -58.14	120.66 3.46 -61.35	117.69 3.35 -58.49	120.78 3.19 -61.63
LOWER RAQUET___HYD 24057	81.45 -0.16 0.00	80.51 -0.08 0.00	74.36 0.15 0.00	70.50 0.35 0.00	71.25 0.29 0.00	74.32 0.00 0.00	70.28 0.00 0.00	65.48 0.33 -0.10	71.54 0.00 0.00	77.03 -0.23 0.00	85.57 -0.60 -0.19	82.24 -0.49 -0.41	82.14 -0.41 -0.39	79.89 -0.32 -0.40	74.59 -0.52 -0.98	62.77 -0.50 -0.78	65.64 -0.98 -0.91	70.68 -1.96 0.00	66.99 -2.00 0.00	59.94 -1.73 0.00	68.66 -1.33 0.00	55.46 -0.39 0.00	55.68 -0.17 0.00	55.74 -0.22 0.00
LOWER___HUDSON 24059	135.02 4.90 -48.51	100.01 4.75 -14.66	134.83 4.38 -56.24	100.23 4.14 -25.94	97.89 4.19 -22.74	110.39 4.46 -31.61	138.97 4.29 -64.40	147.74 3.84 -78.85	184.76 4.44 -108.78	211.63 4.79 -129.58	184.80 5.16 -93.67	173.90 4.86 -86.73	178.33 4.85 -91.33	181.29 4.71 -96.77	146.41 4.37 -67.91	178.53 3.69 -112.35	199.03 3.94 -129.38	321.97 4.43 -244.91	232.03 4.14 -158.91	198.91 3.70 -133.55	186.86 4.13 -112.73	175.87 3.18 -116.84	168.09 3.24 -109.01	137.91 3.13 -78.82
LOWVILLE_115KV_TB2 356335	84.80 3.18 0.00	83.74 3.14 0.00	76.96 2.75 0.00	72.82 2.67 0.00	73.67 2.70 0.00	77.22 2.90 0.00	73.16 2.88 0.00	68.23 2.93 -0.25	74.62 3.08 0.00	79.65 2.40 0.00	89.03 2.58 -0.47	85.55 2.22 -1.01	85.25 2.14 -0.96	82.93 2.15 -0.98	78.36 1.85 -2.38	65.90 1.50 -1.91	69.52 1.58 -2.23	75.77 1.96 -1.17	73.25 1.86 -2.40	65.92 1.60 -2.66	73.74 1.82 -1.92	59.26 1.34 -2.07	59.26 1.40 -2.02	60.13 1.40 -2.77
LUTHERFT_115KV_GLOB_FND_222 355753	146.06 5.79 -58.65	103.96 5.64 -17.72	147.41 5.19 -68.00	106.43 4.91 -31.37	103.43 4.97 -27.49	117.82 5.28 -38.22	153.21 5.06 -77.86	163.63 4.62 -93.96	208.35 5.29 -131.52	237.04 5.72 -154.06	200.31 6.28 -108.06	184.99 5.93 -96.75	190.75 6.00 -102.60	194.71 5.83 -109.08	148.52 5.26 -69.14	189.83 4.50 -122.84	212.17 4.80 -141.67	363.28 5.37 -285.27	249.13 5.04 -175.10	210.69 4.50 -144.53	198.28 4.97 -123.32	187.20 3.85 -127.50	178.30 3.85 -118.60	140.10 3.81 -80.34

LUTHERNY_35_KV_BK2 355980	146.14 5.88 -58.65	104.04 5.72 -17.72	147.48 5.27 -68.00	106.50 4.98 -31.37	103.50 5.04 -27.49	117.82 5.28 -38.22	153.28 5.13 -77.86	163.69 4.68 -93.96	208.42 5.37 -131.52	237.11 5.79 -154.06	200.40 6.36 -108.06	185.08 6.01 -96.75	190.83 6.08 -102.60	194.79 5.91 -109.08	148.60 5.34 -69.14	189.89 4.56 -122.84	212.24 4.86 -141.67	363.35 5.45 -285.27	249.20 5.11 -175.10	210.75 4.56 -144.53	198.35 5.04 -123.32	187.25 3.91 -127.50	178.30 3.85 -118.60	140.16 3.86 -80.34
LWR___OSWEGATCHIE_HYD 23850	82.92 1.31 0.00	81.88 1.29 0.00	75.40 1.19 0.00	71.41 1.26 0.00	72.18 1.21 0.00	75.51 1.19 0.00	71.48 1.19 0.00	66.60 1.37 -0.19	72.76 1.22 0.00	78.03 0.77 0.00	87.02 0.69 -0.36	83.65 0.58 -0.76	83.45 0.58 -0.72	81.26 0.72 -0.73	76.36 0.44 -1.79	64.24 0.31 -1.44	67.52 0.13 -1.68	73.37 -0.15 -0.88	70.66 -0.14 -1.81	63.54 -0.12 -2.00	71.58 0.14 -1.45	57.80 0.39 -1.56	57.92 0.56 -1.52	58.55 0.50 -2.08
LYONS_FALL_HYD 23570	84.72 3.10 0.00	83.65 3.06 0.00	76.88 2.67 0.00	72.75 2.60 0.00	73.52 2.55 0.00	77.15 2.82 0.00	73.10 2.81 0.00	68.07 2.80 -0.23	74.48 2.93 0.00	79.80 2.55 0.00	89.33 2.92 -0.44	85.72 2.47 -0.93	85.50 2.46 -0.88	83.18 2.48 -0.90	78.47 2.15 -2.19	66.06 1.81 -1.76	69.67 1.91 -2.06	75.79 2.25 -0.90	72.96 2.14 -1.84	65.54 1.85 -2.03	73.49 2.03 -1.47	58.94 1.51 -1.58	58.95 1.56 -1.54	59.64 1.56 -2.11
MADISON___COUNTY_LFGE 323628	84.47 2.86 0.00	83.49 2.90 0.00	76.81 2.60 0.00	72.53 2.39 0.00	73.38 2.41 0.00	77.00 2.68 0.00	72.95 2.67 0.00	67.98 2.54 -0.40	74.26 2.72 0.00	79.96 2.70 0.00	89.73 3.01 -0.75	86.55 2.63 -1.59	86.38 2.71 -1.51	83.98 2.63 -1.54	80.33 2.45 -3.76	67.63 2.12 -3.01	71.40 2.17 -3.52	77.18 2.69 -1.85	75.40 2.62 -3.79	68.14 2.28 -4.19	75.48 2.45 -3.04	60.84 1.73 -3.27	60.70 1.68 -3.18	62.12 1.79 -4.37
MALONE___115KV_TB1 356076	82.68 1.06 0.00	81.72 1.13 0.00	75.70 1.48 0.00	71.69 1.54 0.00	72.46 1.49 0.00	75.59 1.26 0.00	71.55 1.27 0.00	66.41 1.37 0.00	72.69 1.14 0.00	78.34 1.08 0.00	86.66 0.69 0.00	83.22 0.91 0.00	82.89 0.74 0.00	80.84 1.04 0.00	74.72 0.59 0.00	63.11 0.62 0.00	66.17 0.46 0.00	72.13 -0.51 0.00	68.30 -0.69 0.00	61.17 -0.49 0.00	69.99 0.00 0.00	56.18 0.34 0.00	56.35 0.50 0.00	56.47 0.50 0.00
MAPLEWOD_115KV_TB3 80458	124.69 4.16 -38.91	96.54 4.19 -11.76	123.11 3.78 -45.11	94.61 3.65 -20.81	92.90 3.69 -18.24	103.54 3.86 -25.35	125.52 3.58 -51.66	132.87 3.19 -64.64	162.45 3.65 -87.26	187.71 4.02 -106.44	170.76 4.56 -80.23	164.19 4.28 -77.59	167.52 4.35 -81.01	169.42 4.15 -85.46	145.49 3.85 -67.51	168.80 3.25 -103.06	187.61 3.42 -118.49	283.67 3.70 -207.33	217.11 3.52 -144.61	189.05 3.14 -124.24	177.09 3.57 -103.53	166.25 2.79 -107.61	159.46 2.85 -100.76	137.21 2.80 -78.45
MAPLE_RIDGE_WT_1 323574	81.13 -0.49 0.00	80.19 -0.40 0.00	73.84 -0.37 0.00	69.87 -0.28 0.00	70.69 -0.28 0.00	73.95 -0.37 0.00	69.79 -0.49 0.00	64.52 -0.52 0.00	70.83 -0.72 0.00	76.41 -0.85 0.00	84.94 -1.03 0.00	81.33 -0.98 0.00	81.17 -0.98 0.00	78.85 -0.95 0.00	73.16 -0.97 0.00	61.68 -0.81 0.00	64.73 -0.98 0.00	71.25 -1.38 0.00	67.61 -1.38 0.00	60.43 -1.23 0.00	68.59 -1.40 0.00	54.84 -1.00 0.00	54.90 -0.95 0.00	55.01 -0.95 0.00
MAPLE_RIDGE_WT_2 323611	81.13 -0.49 0.00	80.19 -0.40 0.00	73.84 -0.37 0.00	69.87 -0.28 0.00	70.69 -0.28 0.00	73.95 -0.37 0.00	69.79 -0.49 0.00	64.52 -0.52 0.00	70.83 -0.72 0.00	76.41 -0.85 0.00	84.94 -1.03 0.00	81.33 -0.98 0.00	81.17 -0.98 0.00	78.85 -0.95 0.00	73.16 -0.97 0.00	61.68 -0.81 0.00	64.73 -0.98 0.00	71.25 -1.38 0.00	67.61 -1.38 0.00	60.43 -1.23 0.00	68.59 -1.40 0.00	54.84 -1.00 0.00	54.90 -0.95 0.00	55.01 -0.95 0.00
MARBLE_RIVER_WT_PWR 323696	81.05 -0.57 0.00	80.19 -0.40 0.00	74.14 -0.07 0.00	70.29 0.14 0.00	71.11 0.14 0.00	74.25 -0.07 0.00	69.86 -0.42 0.00	64.85 -0.19 0.00	71.04 -0.50 0.00	76.72 -0.54 0.00	85.11 -0.86 0.00	81.58 -0.74 0.00	81.58 -0.57 0.00	79.25 -0.55 0.00	73.24 -0.89 0.00	61.74 -0.75 0.00	64.79 -0.92 0.00	70.89 -1.74 0.00	67.13 -1.86 0.00	60.12 -1.54 0.00	68.52 -1.47 0.00	55.01 -0.84 0.00	55.06 -0.78 0.00	55.35 -0.61 0.00
MARSHVLE_115KV_TB1 80742	143.05 6.45 -54.99	103.50 6.29 -16.62	143.75 5.79 -63.75	104.96 5.40 -29.41	102.21 5.46 -25.77	115.95 5.80 -35.83	149.04 5.76 -73.00	159.83 5.33 -89.45	200.71 5.87 -123.30	227.43 6.10 -144.07	196.08 6.62 -103.49	184.50 6.42 -95.76	189.69 6.57 -100.97	193.33 6.38 -107.14	157.51 5.78 -77.60	192.66 5.12 -125.04	215.52 5.39 -144.43	352.07 6.32 -273.11	251.49 6.00 -176.50	216.36 5.30 -149.39	201.66 6.09 -125.58	190.65 4.52 -130.28	181.94 4.41 -121.69	150.45 4.31 -90.18
MARSH_HILL_WT_PWR 323713	82.79 -0.41 -1.58	80.91 -0.16 -0.48	75.83 -0.22 -1.84	70.23 -0.77 -0.85	70.86 -0.85 -0.74	74.02 -1.34 -1.03	70.63 -1.75 -2.10	65.83 -2.86 -3.64	72.02 -3.07 -3.55	80.25 -3.24 -6.23	85.53 -4.90 -4.45	86.03 -4.61 -8.32	84.02 -4.85 -6.72	82.76 -4.63 -7.59	82.47 -3.93 -12.28	68.81 -3.38 -9.70	78.28 -3.09 -15.65	84.98 -2.69 -15.03	83.26 -2.62 -16.90	75.73 -2.03 -16.10	80.12 -2.52 -12.65	55.14 -2.57 -1.86	66.19 -2.34 -12.69	67.71 -1.34 -13.09
MCINTYRE_115KV_TB2 80467	82.68 1.06 0.00	81.72 1.13 0.00	75.47 1.26 0.00	71.48 1.33 0.00	72.18 1.21 0.00	75.44 1.11 0.00	71.41 1.12 0.00	66.28 1.24 0.00	72.47 0.93 0.00	77.88 0.62 0.00	86.23 0.26 0.00	82.56 0.25 0.00	82.40 0.25 0.00	80.28 0.48 0.00	74.42 0.30 0.00	62.86 0.37 0.00	65.91 0.20 0.00	72.13 -0.51 0.00	68.37 -0.62 0.00	61.23 -0.43 0.00	69.99 0.00 0.00	56.35 0.50 0.00	56.57 0.73 0.00	56.58 0.62 0.00
MECO_____69_KV_BK1 80468	148.55 7.92 -59.01	106.08 7.66 -17.83	149.76 7.12 -68.42	108.37 6.66 -31.56	105.37 6.74 -27.66	119.91 7.13 -38.45	155.58 6.96 -78.34	166.51 6.37 -95.09	211.03 7.15 -132.33	238.99 7.49 -154.23	203.11 8.17 -108.97	188.88 7.82 -98.74	194.72 8.05 -104.51	198.70 7.82 -111.08	155.93 7.12 -74.69	195.66 6.25 -126.92	218.91 6.64 -146.56	368.46 7.63 -288.19	256.37 7.24 -180.14	218.49 6.47 -150.36	204.64 7.21 -127.44	193.22 5.42 -131.96	184.13 5.31 -122.98	147.96 5.20 -86.79
MENANDS___115KV_TB5 355628	122.64 3.84 -37.18	95.70 3.87 -11.24	120.88 3.56 -43.11	93.40 3.37 -19.89	91.80 3.41 -17.43	102.12 3.57 -24.23	122.95 3.30 -49.36	130.04 2.93 -62.07	158.28 3.36 -83.38	183.16 3.63 -102.27	167.98 4.21 -77.79	162.26 4.03 -75.91	165.30 4.03 -79.12	167.03 3.83 -83.40	145.05 3.56 -67.37	166.82 3.00 -101.34	185.26 3.09 -116.46	276.48 3.34 -200.51	214.10 3.17 -141.94	186.97 2.84 -122.47	175.08 3.29 -101.80	164.29 2.57 -105.88	157.67 2.62 -99.20	136.82 2.57 -78.28
MG INDUSTRY___DRP 24185	106.79 3.51 -21.66	90.68 3.55 -6.55	102.59 3.27 -25.11	84.82 3.09 -11.58	84.24 3.12 -10.15	91.63 3.20 -14.11	101.99 2.95 -28.75	106.57 2.54 -38.99	122.97 2.86 -48.57	145.06 3.01 -64.78	145.34 3.52 -55.84	146.45 3.38 -60.75	147.57 3.37 -62.05	147.80 3.27 -64.73	143.18 3.11 -65.94	150.75 2.62 -85.63	166.46 2.69 -98.06	214.63 2.91 -139.09	189.51 2.76 -117.76	170.45 2.47 -106.32	158.88 2.80 -86.09	148.16 2.23 -90.08	143.16 2.29 -85.02	134.87 2.29 -76.62

MID___OSWEGATCHIE_HYD 23849	82.92 1.31 0.00	81.88 1.29 0.00	75.40 1.19 0.00	71.41 1.26 0.00	72.18 1.21 0.00	75.51 1.19 0.00	71.48 1.19 0.00	66.60 1.37 -0.19	72.76 1.22 0.00	78.03 0.77 0.00	87.02 0.69 -0.36	83.65 0.58 -0.76	83.45 0.58 -0.72	81.26 0.72 -0.73	76.36 0.44 -1.79	64.24 0.31 -1.44	67.52 0.13 -1.68	73.37 -0.15 -0.88	70.66 -0.14 -1.81	63.54 -0.12 -2.00	71.58 0.14 -1.45	57.80 0.39 -1.56	57.92 0.56 -1.52	58.55 0.50 -2.08
MID___RAQUETTE_HYD 23851	81.62 0.00 0.00	80.67 0.08 0.00	74.43 0.22 0.00	70.50 0.35 0.00	71.25 0.28 0.00	74.40 0.07 0.00	70.42 0.14 0.00	65.48 0.33 -0.10	71.54 0.00 0.00	77.03 -0.23 0.00	85.57 -0.60 -0.19	82.24 -0.49 -0.41	81.97 -0.58 -0.39	79.89 -0.32 -0.40	74.58 -0.52 -0.98	62.77 -0.50 -0.78	65.64 -0.99 -0.91	71.08 -2.03 -0.48	67.97 -2.00 -0.98	61.02 -1.73 -1.09	69.45 -1.33 -0.79	56.25 -0.45 -0.85	56.56 -0.11 -0.83	56.87 -0.22 -1.13
MILLIKEN___1 23584	84.84 1.55 -1.67	82.63 1.53 -0.50	77.48 1.34 -1.93	72.16 1.12 -0.89	72.89 1.14 -0.78	76.60 1.19 -1.09	73.69 1.19 -2.22	69.76 0.98 -3.73	76.36 1.07 -3.74	84.67 1.00 -6.41	97.24 0.86 -10.40	93.07 0.74 -10.01	94.81 0.74 -11.91	91.90 0.72 -11.37	86.91 0.82 -11.97	81.89 0.75 -18.65	82.12 0.99 -15.42	90.97 1.74 -16.59	89.02 1.79 -18.24	80.56 1.60 -17.29	85.22 1.61 -13.62	85.62 0.89 -28.88	70.33 0.84 -13.64	70.94 1.06 -13.91
MILLIKEN___2 23585	84.84 1.55 -1.67	82.63 1.53 -0.50	77.48 1.34 -1.93	72.16 1.12 -0.89	72.89 1.14 -0.78	76.60 1.19 -1.09	73.69 1.19 -2.22	69.76 0.98 -3.73	76.36 1.07 -3.74	84.67 1.00 -6.41	97.24 0.86 -10.40	93.07 0.74 -10.01	94.81 0.74 -11.91	91.90 0.72 -11.37	86.91 0.82 -11.97	81.89 0.75 -18.65	82.12 0.99 -15.42	90.97 1.74 -16.59	89.02 1.79 -18.24	80.56 1.60 -17.29	85.22 1.61 -13.62	85.62 0.89 -28.88	70.33 0.84 -13.64	70.94 1.06 -13.91
MILLIKEN___DIESEL 23629	84.84 1.55 -1.67	82.63 1.53 -0.50	77.48 1.34 -1.93	72.16 1.12 -0.89	72.89 1.14 -0.78	76.60 1.19 -1.09	73.69 1.19 -2.22	69.76 0.98 -3.73	76.36 1.07 -3.74	84.67 1.00 -6.41	97.24 0.86 -10.40	93.07 0.74 -10.01	94.81 0.74 -11.91	91.90 0.72 -11.37	86.91 0.82 -11.97	81.89 0.75 -18.65	82.12 0.99 -15.42	90.97 1.74 -16.59	89.02 1.79 -18.24	80.56 1.60 -17.29	85.22 1.61 -13.62	85.62 0.89 -28.88	70.33 0.84 -13.64	70.94 1.06 -13.91
MILLSEAT___LFGE 323607	78.43 -3.18 0.00	77.45 -3.14 0.00	71.39 -2.82 0.00	67.14 -3.01 0.00	67.85 -3.12 0.00	70.90 -3.42 0.00	66.20 -4.08 0.00	61.20 -4.81 -0.96	65.82 -5.73 0.00	73.65 -6.41 -2.80	82.58 -7.13 -3.75	81.88 -6.83 -6.39	80.70 -7.15 -5.69	78.74 -7.02 -5.96	76.92 -6.30 -9.09	65.68 -5.56 -8.75	71.51 -5.52 -11.32	75.93 -4.80 -8.09	76.10 -4.62 -11.73	68.89 -4.01 -11.23	73.82 -4.97 -8.80	56.42 -4.91 -5.49	60.11 -4.58 -8.84	62.04 -3.13 -9.22
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	91.49 4.41 -5.46	86.43 4.19 -1.65	84.33 3.78 -6.34	76.72 3.65 -2.92	77.22 3.69 -2.56	81.90 4.01 -3.56	81.61 4.08 -7.25	82.60 3.71 -13.84	88.23 4.44 -12.25	106.08 5.02 -23.80	120.79 5.76 -29.06	126.62 5.52 -38.78	125.97 5.50 -38.31	124.40 5.35 -39.25	133.55 5.04 -54.38	125.98 4.19 -59.31	137.79 4.53 -67.55	144.52 5.01 -66.87	153.43 4.83 -79.61	142.54 4.32 -76.56	134.71 4.90 -59.82	122.71 3.74 -63.12	119.66 3.63 -60.18	122.82 3.47 -63.39
MILLWOOD_13_KV_LOAD 356217	91.65 4.57 -5.46	86.68 4.43 -1.65	84.55 4.01 -6.34	76.86 3.79 -2.92	77.43 3.90 -2.56	82.12 4.24 -3.56	81.75 4.22 -7.25	82.73 3.84 -13.84	88.37 4.58 -12.25	106.31 5.25 -23.80	120.96 5.93 -29.06	126.78 5.68 -38.78	126.21 5.75 -38.31	124.56 5.51 -39.25	133.70 5.19 -54.38	126.17 4.37 -59.31	137.99 4.73 -67.55	144.74 5.23 -66.87	153.64 5.04 -79.61	142.66 4.44 -76.56	134.85 5.04 -59.82	122.82 3.85 -63.12	119.77 3.74 -60.18	122.94 3.58 -63.39
MODEL_CITY_ENERGY 24167	75.82 -5.79 0.00	74.95 -5.64 0.00	69.09 -5.12 0.00	64.96 -5.19 0.00	65.65 -5.32 0.00	68.53 -5.80 0.00	63.89 -6.40 0.00	58.83 -7.22 -1.01	63.10 -8.44 0.00	70.76 -9.43 -2.93	79.35 -10.49 -3.87	79.18 -9.80 -6.66	77.87 -10.19 -5.90	76.10 -9.90 -6.19	74.62 -8.97 -9.47	63.74 -7.81 -9.06	69.49 -8.02 -11.80	73.53 -7.63 -8.52	73.88 -7.45 -12.34	67.05 -6.41 -11.81	71.62 -7.63 -9.25	54.49 -6.98 -5.62	58.60 -6.53 -9.29	60.77 -4.87 -9.67
MODERN_LFGE___ 323580	75.82 -5.79 0.00	74.95 -5.64 0.00	69.09 -5.12 0.00	64.96 -5.19 0.00	65.65 -5.32 0.00	68.53 -5.80 0.00	63.89 -6.40 0.00	58.83 -7.22 -1.01	63.10 -8.44 0.00	70.76 -9.43 -2.93	79.35 -10.49 -3.87	79.18 -9.80 -6.66	77.87 -10.19 -5.90	76.10 -9.90 -6.19	74.62 -8.97 -9.47	63.74 -7.81 -9.06	69.49 -8.02 -11.80	73.53 -7.63 -8.52	73.88 -7.45 -12.34	67.05 -6.41 -11.81	71.62 -7.63 -9.25	54.49 -6.98 -5.62	58.60 -6.53 -9.29	60.77 -4.87 -9.67
MOHAWK_PAPER___DRP 24187	124.69 4.16 -38.91	96.54 4.19 -11.76	123.11 3.78 -45.11	94.61 3.65 -20.81	92.90 3.69 -18.24	103.54 3.86 -25.35	125.52 3.58 -51.66	132.87 3.19 -64.64	162.45 3.65 -87.26	187.71 4.02 -106.44	170.76 4.56 -80.23	164.19 4.28 -77.59	167.52 4.35 -81.01	169.42 4.15 -85.46	145.49 3.85 -67.51	168.80 3.25 -103.06	187.61 3.42 -118.49	283.67 3.70 -207.33	217.11 3.52 -144.61	189.05 3.14 -124.24	177.09 3.57 -103.53	166.25 2.79 -107.61	159.46 2.85 -100.76	137.21 2.80 -78.45
MOHICAN___35_KV_115KV_LD 80490	147.71 6.94 -59.15	105.24 6.77 -17.88	149.10 6.31 -68.58	107.68 5.89 -31.63	104.73 6.03 -27.73	119.18 6.32 -38.54	154.92 6.11 -78.53	165.35 5.59 -94.71	210.62 6.44 -132.64	239.56 7.03 -155.27	202.48 7.74 -108.77	186.73 7.16 -97.25	192.62 7.31 -103.15	196.52 7.02 -109.69	149.63 6.30 -69.21	191.29 5.44 -123.36	213.77 5.78 -142.28	366.43 6.54 -287.26	250.96 6.07 -175.90	212.16 5.43 -145.07	199.78 5.95 -123.84	188.51 4.64 -128.03	179.50 4.58 -119.08	140.91 4.53 -80.42
MONGAUP___HYD 23641	91.27 4.65 -5.00	86.61 4.51 -1.51	84.09 4.08 -5.80	76.75 3.93 -2.67	77.29 3.97 -2.34	81.96 4.38 -3.26	81.35 4.43 -6.64	81.65 3.90 -12.70	87.26 4.51 -11.21	103.96 4.87 -21.83	117.84 5.16 -26.71	122.95 4.94 -35.69	122.25 4.85 -35.25	120.62 4.71 -36.11	128.75 4.52 -50.10	121.09 4.00 -54.60	132.49 4.60 -62.18	139.01 5.16 -61.21	146.96 4.97 -73.00	136.25 4.38 -70.21	129.61 4.76 -54.85	117.36 3.63 -57.88	114.72 3.68 -55.19	117.59 3.47 -58.16
MONTAUK___DIESEL 23721	123.07 8.32 -33.13	97.74 8.46 -8.69	96.28 7.94 -14.12	91.28 7.79 -13.35	91.61 8.23 -12.41	98.07 9.29 -14.45	136.16 9.42 -56.46	145.47 8.78 -71.65	140.89 9.44 -59.91	143.45 10.28 -55.92	168.70 12.29 -70.43	170.23 11.20 -76.72	167.33 11.09 -74.08	170.47 10.37 -80.29	165.68 9.78 -81.77	171.07 8.31 -100.27	178.56 8.74 -104.11	185.39 9.73 -103.02	187.60 8.55 -110.06	177.45 7.34 -108.45	169.05 7.63 -91.43	151.16 5.42 -89.90	144.26 4.97 -83.44	137.07 5.26 -75.85
MOONROAD_115KV_HARTFLD_TB1-2 355988	80.77 -2.20 -1.36	78.75 -2.26 -0.41	74.00 -1.78 -1.57	68.84 -2.03 -0.73	69.48 -2.13 -0.64	72.61 -2.60 -0.88	68.99 -3.09 -1.80	63.44 -4.75 -3.14	70.15 -4.44 -3.04	77.44 -5.18 -5.36	83.71 -7.14 -4.88	82.85 -7.00 -7.53	81.75 -7.15 -6.75	80.03 -7.02 -7.25	78.55 -6.30 -10.73	67.10 -5.44 -10.04	73.74 -5.59 -13.62	82.01 -4.87 -14.24	80.29 -4.76 -16.06	72.91 -4.07 -15.32	77.05 -4.97 -12.02	58.42 -4.69 -7.27	63.50 -4.41 -12.07	65.58 -2.85 -12.47

MORRIS_RIDGE___SOLAR 323848	80.86 -2.28 -1.52	78.96 -2.10 -0.46	74.05 -1.93 -1.77	68.65 -2.31 -0.82	69.20 -2.49 -0.71	72.34 -2.98 -0.99	68.93 -3.37 -2.02	64.14 -4.43 -3.52	70.24 -4.72 -3.42	78.10 -5.18 -6.02	84.39 -6.71 -5.12	84.29 -6.34 -8.31	82.82 -6.58 -7.24	81.47 -6.22 -7.89	80.58 -5.48 -11.94	68.42 -4.75 -10.68	76.18 -4.73 -15.20	82.76 -4.36 -14.48	81.10 -4.21 -16.32	73.65 -3.58 -15.57	77.94 -4.27 -12.22	57.12 -4.07 -5.34	64.31 -3.80 -12.26	66.01 -2.63 -12.68
MORTIMER_115KV_TB3 55949	79.01 -2.61 0.00	77.93 -2.66 0.00	71.84 -2.37 0.00	67.76 -2.39 0.00	68.56 -2.41 0.00	71.72 -2.60 0.00	67.19 -3.09 0.00	62.96 -2.93 -0.84	67.68 -3.86 0.00	75.34 -4.33 -2.41	84.88 -4.47 -3.37	83.87 -4.03 -5.59	83.19 -4.03 -5.06	80.92 -4.15 -5.26	78.43 -3.63 -7.94	67.06 -3.25 -7.82	72.33 -3.22 -9.84	78.37 -2.40 -8.13	78.42 -2.35 -11.77	70.89 -2.03 -11.26	76.23 -2.59 -8.83	59.72 -2.74 -6.61	62.09 -2.62 -8.86	63.39 -1.79 -9.22
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	92.00 4.90 -5.49	86.84 4.59 -1.66	84.73 4.16 -6.36	77.08 4.00 -2.93	77.59 4.05 -2.57	82.36 4.46 -3.58	82.06 4.50 -7.29	83.05 4.10 -13.90	88.71 4.86 -12.31	106.67 5.49 -23.92	121.54 6.36 -29.21	127.31 6.01 -38.98	126.74 6.08 -38.50	125.07 5.83 -39.44	134.24 5.49 -54.63	126.71 4.62 -59.60	138.51 4.93 -67.87	145.42 5.52 -67.27	154.39 5.31 -80.09	143.37 4.69 -77.02	135.56 5.39 -60.18	123.48 4.13 -63.50	120.35 3.97 -60.54	123.49 3.75 -63.78
MUNSVILLE_WIND_PWR 323609	94.42 8.98 -3.83	90.69 8.94 -1.16	86.59 7.94 -4.44	79.49 7.30 -2.05	79.93 7.16 -1.79	84.47 7.66 -2.49	82.74 7.38 -5.08	79.40 6.83 -7.53	87.28 7.15 -8.58	97.68 7.26 -13.16	108.32 7.90 -14.44	104.64 6.83 -15.50	105.30 6.57 -16.57	102.80 6.30 -16.69	97.57 5.79 -17.66	91.78 5.06 -24.23	95.90 5.52 -24.67	109.19 7.04 -29.51	104.30 6.90 -28.42	93.97 6.17 -26.14	97.59 6.65 -20.94	89.92 4.80 -29.27	81.33 4.69 -20.80	80.69 5.04 -19.69
N SALMON___HYD 24042	82.52 0.90 0.00	81.64 1.04 0.00	75.47 1.26 0.00	71.69 1.54 0.00	72.46 1.49 0.00	75.51 1.19 0.00	71.40 1.12 0.00	66.41 1.37 0.00	72.68 1.14 0.00	78.34 1.08 0.00	86.66 0.68 0.00	83.14 0.82 0.00	83.14 0.99 0.00	80.84 1.03 0.00	74.71 0.59 0.00	63.11 0.62 0.00	66.17 0.46 0.00	72.20 -0.43 0.00	68.30 -0.69 0.00	61.17 -0.50 0.00	69.99 0.00 0.00	56.24 0.39 0.00	56.35 0.50 0.00	56.46 0.50 0.00
N.AKRON__115KV_KNAPP 355671	78.27 -3.35 0.00	77.21 -3.38 0.00	71.17 -3.04 0.00	67.13 -3.02 0.00	67.85 -3.12 0.00	70.83 -3.49 0.00	66.06 -4.22 0.00	61.14 -4.88 -0.97	65.82 -5.72 0.00	73.43 -6.64 -2.82	82.26 -7.48 -3.76	81.59 -7.16 -6.43	80.65 -7.23 -5.72	78.54 -7.26 -6.00	76.75 -6.52 -9.15	65.60 -5.69 -8.80	71.38 -5.72 -11.38	77.07 -5.01 -9.44	77.72 -4.90 -13.63	70.49 -4.19 -13.02	75.03 -5.18 -10.21	57.80 -4.97 -6.93	61.35 -4.75 -10.25	63.35 -3.25 -10.63
N.BELMOR_69_KV_BK1 55787	120.95 6.20 -33.13	95.24 5.96 -8.69	93.75 5.42 -14.12	88.62 5.12 -13.35	88.56 5.18 -12.41	94.35 5.57 -14.45	132.11 5.41 -56.42	141.60 4.94 -71.61	137.25 5.79 -59.91	139.74 6.57 -55.92	163.93 7.57 -70.39	166.28 7.24 -76.72	163.55 7.31 -74.08	167.12 7.02 -80.29	162.49 6.60 -81.77	168.20 5.44 -100.27	175.67 5.85 -104.11	182.20 6.54 -103.02	185.32 6.28 -110.06	175.62 5.55 -108.41	167.82 6.44 -91.39	150.71 4.97 -89.90	144.03 4.75 -83.44	136.40 4.59 -75.85
N.E_GEN_SANDY PD 24062	117.55 4.73 -31.20	118.73 4.67 -33.47	115.31 4.23 -36.87	115.16 4.00 -41.01	117.93 4.11 -42.85	122.80 4.38 -44.09	133.60 4.29 -59.03	146.30 3.84 -77.42	144.92 4.51 -68.87	131.17 4.87 -49.04	136.78 5.16 -45.65	139.75 4.94 -52.49	140.10 4.85 -53.10	139.70 4.79 -55.11	140.40 4.45 -61.83	142.00 3.69 -75.82	156.40 4.01 -86.68	188.40 4.43 -111.33	176.48 4.21 -103.28	160.56 3.82 -95.08	150.40 4.27 -76.14	139.07 3.35 -79.87	134.82 3.35 -75.62	130.94 3.24 -71.73
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	90.90 4.00 -5.29	85.98 3.79 -1.60	83.75 3.41 -6.13	76.20 3.23 -2.83	76.78 3.34 -2.48	81.41 3.64 -3.44	80.95 3.65 -7.02	81.84 3.38 -13.41	87.40 4.01 -11.85	104.87 4.56 -23.05	119.57 5.42 -28.18	125.14 5.19 -37.64	124.59 5.26 -37.17	122.91 5.03 -38.08	131.68 4.74 -52.81	124.06 4.00 -57.57	135.62 4.34 -65.57	142.25 4.79 -64.82	150.85 4.62 -77.24	140.01 4.07 -74.28	132.65 4.62 -58.04	120.60 3.52 -61.24	117.69 3.46 -58.39	120.72 3.25 -61.52
N.QUEENS_27_KV_LOAD 356247	93.15 6.04 -5.50	87.98 5.72 -1.67	85.55 4.97 -6.36	77.78 4.70 -2.93	78.30 4.75 -2.57	83.03 5.13 -3.58	82.84 5.27 -7.28	83.24 4.29 -13.90	88.93 5.08 -12.30	107.13 5.95 -23.92	122.06 6.88 -29.21	127.47 6.17 -38.98	126.98 6.33 -38.50	125.31 6.07 -39.44	134.46 5.71 -54.63	126.89 4.81 -59.59	138.77 5.19 -67.87	145.78 5.88 -67.26	154.74 5.66 -80.10	143.74 5.06 -77.02	135.98 5.81 -60.18	123.81 4.47 -63.50	120.74 4.36 -60.54	123.82 4.09 -63.78
N.TROY___115KV_TB1 355778	134.94 4.82 -48.51	100.01 4.75 -14.66	134.83 4.38 -56.24	100.23 4.14 -25.94	97.89 4.19 -22.74	110.32 4.39 -31.61	138.90 4.22 -64.40	147.74 3.84 -78.85	184.76 4.44 -108.78	211.63 4.79 -129.58	184.80 5.16 -93.67	173.90 4.86 -86.73	178.33 4.85 -91.33	181.29 4.71 -96.77	146.41 4.37 -67.91	178.53 3.69 -112.35	199.03 3.94 -129.38	322.08 4.43 -245.01	232.15 4.14 -159.02	199.02 3.70 -133.66	186.94 4.13 -112.82	175.96 3.18 -116.93	168.18 3.24 -109.09	138.00 3.13 -78.91
NARROWS_GT1_1 24228	148.06 5.63 -60.82	144.57 5.24 -58.74	144.70 4.97 -65.51	77.91 4.77 -2.99	144.64 4.83 -68.84	144.70 5.20 -65.17	146.03 5.27 -70.48	149.01 4.55 -79.42	149.23 5.43 -72.25	192.67 6.10 -109.31	152.26 7.05 -59.23	149.39 6.66 -60.41	149.30 6.65 -60.49	149.27 6.39 -63.08	152.09 6.08 -71.89	151.94 5.13 -84.32	234.52 5.52 -163.29	253.54 6.25 -174.65	260.44 6.07 -185.38	251.61 5.30 -184.65	214.01 6.09 -137.93	152.96 4.69 -92.43	149.08 4.47 -88.76	147.61 4.20 -87.45
NARROWS_GT1_2 24229	148.06 5.63 -60.82	144.57 5.24 -58.74	144.70 4.97 -65.51	77.91 4.77 -2.99	144.64 4.83 -68.84	144.70 5.20 -65.17	146.03 5.27 -70.48	149.01 4.55 -79.42	149.23 5.43 -72.25	192.67 6.10 -109.31	152.26 7.05 -59.23	149.39 6.66 -60.41	149.30 6.65 -60.49	149.27 6.39 -63.08	152.09 6.08 -71.89	151.94 5.13 -84.32	234.52 5.52 -163.29	253.54 6.25 -174.65	260.44 6.07 -185.38	251.61 5.30 -184.65	214.01 6.09 -137.93	152.96 4.69 -92.43	149.08 4.47 -88.76	147.61 4.20 -87.45
NARROWS_GT1_3 24230	148.06 5.63 -60.82	144.57 5.24 -58.74	144.70 4.97 -65.51	77.91 4.77 -2.99	144.64 4.83 -68.84	144.70 5.20 -65.17	146.03 5.27 -70.48	149.01 4.55 -79.42	149.23 5.43 -72.25	192.67 6.10 -109.31	152.26 7.05 -59.23	149.39 6.66 -60.41	149.30 6.65 -60.49	149.27 6.39 -63.08	152.09 6.08 -71.89	151.94 5.13 -84.32	234.52 5.52 -163.29	253.54 6.25 -174.65	260.44 6.07 -185.38	251.61 5.30 -184.65	214.01 6.09 -137.93	152.96 4.69 -92.43	149.08 4.47 -88.76	147.61 4.20 -87.45
NARROWS_GT1_4 24231	148.06 5.63 -60.82	144.57 5.24 -58.74	144.70 4.97 -65.51	77.91 4.77 -2.99	144.64 4.83 -68.84	144.70 5.20 -65.17	146.03 5.27 -70.48	149.01 4.55 -79.42	149.23 5.43 -72.25	192.67 6.10 -109.31	152.26 7.05 -59.23	149.39 6.66 -60.41	149.30 6.65 -60.49	149.27 6.39 -63.08	152.09 6.08 -71.89	151.94 5.13 -84.32	234.52 5.52 -163.29	253.54 6.25 -174.65	260.44 6.07 -185.38	251.61 5.30 -184.65	214.01 6.09 -137.93	152.96 4.69 -92.43	149.08 4.47 -88.76	147.61 4.20 -87.45

NARROWS_GT1_5 24232	148.06 5.63 -60.82	144.57 5.24 -58.74	144.70 4.97 -65.51	77.91 4.77 -2.99	144.64 4.83 -68.84	144.70 5.20 -65.17	146.03 5.27 -70.48	149.01 4.55 -79.42	149.23 5.43 -72.25	192.67 6.10 -109.31	152.26 7.05 -59.23	149.39 6.66 -60.41	149.30 6.65 -60.49	149.27 6.39 -63.08	152.09 6.08 -71.89	151.94 5.13 -84.32	234.52 5.52 -163.29	253.54 6.25 -174.65	260.44 6.07 -185.38	251.61 5.30 -184.65	214.01 6.09 -137.93	152.96 4.69 -92.43	149.08 4.47 -88.76	147.61 4.20 -87.45
NARROWS_GT1_6 24233	148.06 5.63 -60.82	144.57 5.24 -58.74	144.70 4.97 -65.51	77.91 4.77 -2.99	144.64 4.83 -68.84	144.70 5.20 -65.17	146.03 5.27 -70.48	149.01 4.55 -79.42	149.23 5.43 -72.25	192.67 6.10 -109.31	152.26 7.05 -59.23	149.39 6.66 -60.41	149.30 6.65 -60.49	149.27 6.39 -63.08	152.09 6.08 -71.89	151.94 5.13 -84.32	234.52 5.52 -163.29	253.54 6.25 -174.65	260.44 6.07 -185.38	251.61 5.30 -184.65	214.01 6.09 -137.93	152.96 4.69 -92.43	149.08 4.47 -88.76	147.61 4.20 -87.45
NARROWS_GT1_7 24234	148.06 5.63 -60.82	144.57 5.24 -58.74	144.70 4.97 -65.51	77.91 4.77 -2.99	144.64 4.83 -68.84	144.70 5.20 -65.17	146.03 5.27 -70.48	149.01 4.55 -79.42	149.23 5.43 -72.25	192.67 6.10 -109.31	152.26 7.05 -59.23	149.39 6.66 -60.41	149.30 6.65 -60.49	149.27 6.39 -63.08	152.09 6.08 -71.89	151.94 5.13 -84.32	234.52 5.52 -163.29	253.54 6.25 -174.65	260.44 6.07 -185.38	251.61 5.30 -184.65	214.01 6.09 -137.93	152.96 4.69 -92.43	149.08 4.47 -88.76	147.61 4.20 -87.45
NARROWS_GT1_8 24235	148.06 5.63 -60.82	144.57 5.24 -58.74	144.70 4.97 -65.51	77.91 4.77 -2.99	144.64 4.83 -68.84	144.70 5.20 -65.17	146.03 5.27 -70.48	149.01 4.55 -79.42	149.23 5.43 -72.25	192.67 6.10 -109.31	152.26 7.05 -59.23	149.39 6.66 -60.41	149.30 6.65 -60.49	149.27 6.39 -63.08	152.09 6.08 -71.89	151.94 5.13 -84.32	234.52 5.52 -163.29	253.54 6.25 -174.65	260.44 6.07 -185.38	251.61 5.30 -184.65	214.01 6.09 -137.93	152.96 4.69 -92.43	149.08 4.47 -88.76	147.61 4.20 -87.45
NARROWS_GT2_1 24236	148.06 5.63 -60.82	144.57 5.24 -58.74	144.70 4.97 -65.51	77.91 4.77 -2.99	144.64 4.83 -68.84	144.70 5.20 -65.17	146.03 5.27 -70.48	149.01 4.55 -79.42	149.23 5.43 -72.25	192.67 6.10 -109.31	152.26 7.05 -59.23	149.39 6.66 -60.41	149.30 6.65 -60.49	149.27 6.39 -63.08	152.09 6.08 -71.89	151.94 5.13 -84.32	234.52 5.52 -163.29	253.54 6.25 -174.65	260.44 6.07 -185.38	251.61 5.30 -184.65	214.01 6.09 -137.93	152.96 4.69 -92.43	149.08 4.47 -88.76	147.61 4.20 -87.45
NARROWS_GT2_2 24237	148.06 5.63 -60.82	144.57 5.24 -58.74	144.70 4.97 -65.51	77.91 4.77 -2.99	144.64 4.83 -68.84	144.70 5.20 -65.17	146.03 5.27 -70.48	149.01 4.55 -79.42	149.23 5.43 -72.25	192.67 6.10 -109.31	152.26 7.05 -59.23	149.39 6.66 -60.41	149.30 6.65 -60.49	149.27 6.39 -63.08	152.09 6.08 -71.89	151.94 5.13 -84.32	234.52 5.52 -163.29	253.54 6.25 -174.65	260.44 6.07 -185.38	251.61 5.30 -184.65	214.01 6.09 -137.93	152.96 4.69 -92.43	149.08 4.47 -88.76	147.61 4.20 -87.45
NARROWS_GT2_3 24238	148.06 5.63 -60.82	144.57 5.24 -58.74	144.70 4.97 -65.51	77.91 4.77 -2.99	144.64 4.83 -68.84	144.70 5.20 -65.17	146.03 5.27 -70.48	149.01 4.55 -79.42	149.23 5.43 -72.25	192.67 6.10 -109.31	152.26 7.05 -59.23	149.39 6.66 -60.41	149.30 6.65 -60.49	149.27 6.39 -63.08	152.09 6.08 -71.89	151.94 5.13 -84.32	234.52 5.52 -163.29	253.54 6.25 -174.65	260.44 6.07 -185.38	251.61 5.30 -184.65	214.01 6.09 -137.93	152.96 4.69 -92.43	149.08 4.47 -88.76	147.61 4.20 -87.45
NARROWS_GT2_4 24239	148.06 5.63 -60.82	144.57 5.24 -58.74	144.70 4.97 -65.51	77.91 4.77 -2.99	144.64 4.83 -68.84	144.70 5.20 -65.17	146.03 5.27 -70.48	149.01 4.55 -79.42	149.23 5.43 -72.25	192.67 6.10 -109.31	152.26 7.05 -59.23	149.39 6.66 -60.41	149.30 6.65 -60.49	149.27 6.39 -63.08	152.09 6.08 -71.89	151.94 5.13 -84.32	234.52 5.52 -163.29	253.54 6.25 -174.65	260.44 6.07 -185.38	251.61 5.30 -184.65	214.01 6.09 -137.93	152.96 4.69 -92.43	149.08 4.47 -88.76	147.61 4.20 -87.45
NARROWS_GT2_5 24240	148.06 5.63 -60.82	144.57 5.24 -58.74	144.70 4.97 -65.51	77.91 4.77 -2.99	144.64 4.83 -68.84	144.70 5.20 -65.17	146.03 5.27 -70.48	149.01 4.55 -79.42	149.23 5.43 -72.25	192.67 6.10 -109.31	152.26 7.05 -59.23	149.39 6.66 -60.41	149.30 6.65 -60.49	149.27 6.39 -63.08	152.09 6.08 -71.89	151.94 5.13 -84.32	234.52 5.52 -163.29	253.54 6.25 -174.65	260.44 6.07 -185.38	251.61 5.30 -184.65	214.01 6.09 -137.93	152.96 4.69 -92.43	149.08 4.47 -88.76	147.61 4.20 -87.45
NARROWS_GT2_6 24241	148.06 5.63 -60.82	144.57 5.24 -58.74	144.70 4.97 -65.51	77.91 4.77 -2.99	144.64 4.83 -68.84	144.70 5.20 -65.17	146.03 5.27 -70.48	149.01 4.55 -79.42	149.23 5.43 -72.25	192.67 6.10 -109.31	152.26 7.05 -59.23	149.39 6.66 -60.41	149.30 6.65 -60.49	149.27 6.39 -63.08	152.09 6.08 -71.89	151.94 5.13 -84.32	234.52 5.52 -163.29	253.54 6.25 -174.65	260.44 6.07 -185.38	251.61 5.30 -184.65	214.01 6.09 -137.93	152.96 4.69 -92.43	149.08 4.47 -88.76	147.61 4.20 -87.45
NARROWS_GT2_7 24242	148.06 5.63 -60.82	144.57 5.24 -58.74	144.70 4.97 -65.51	77.91 4.77 -2.99	144.64 4.83 -68.84	144.70 5.20 -65.17	146.03 5.27 -70.48	149.01 4.55 -79.42	149.23 5.43 -72.25	192.67 6.10 -109.31	152.26 7.05 -59.23	149.39 6.66 -60.41	149.30 6.65 -60.49	149.27 6.39 -63.08	152.09 6.08 -71.89	151.94 5.13 -84.32	234.52 5.52 -163.29	253.54 6.25 -174.65	260.44 6.07 -185.38	251.61 5.30 -184.65	214.01 6.09 -137.93	152.96 4.69 -92.43	149.08 4.47 -88.76	147.61 4.20 -87.45
NARROWS_GT2_8 24243	148.06 5.63 -60.82	144.57 5.24 -58.74	144.70 4.97 -65.51	77.91 4.77 -2.99	144.64 4.83 -68.84	144.70 5.20 -65.17	146.03 5.27 -70.48	149.01 4.55 -79.42	149.23 5.43 -72.25	192.67 6.10 -109.31	152.26 7.05 -59.23	149.39 6.66 -60.41	149.30 6.65 -60.49	149.27 6.39 -63.08	152.09 6.08 -71.89	151.94 5.13 -84.32	234.52 5.52 -163.29	253.54 6.25 -174.65	260.44 6.07 -185.38	251.61 5.30 -184.65	214.01 6.09 -137.93	152.96 4.69 -92.43	149.08 4.47 -88.76	147.61 4.20 -87.45
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	107.48 4.90 -20.97	91.93 5.00 -6.34	103.05 4.53 -24.31	85.71 4.35 -11.21	85.20 4.40 -9.83	92.59 4.61 -13.66	102.27 4.15 -27.84	106.44 3.64 -37.75	122.71 4.15 -47.02	144.33 4.33 -62.75	144.81 4.73 -54.11	145.64 4.45 -58.88	146.64 4.35 -60.13	146.76 4.23 -62.72	142.05 4.00 -63.92	148.99 3.50 -83.00	164.75 4.01 -95.04	211.74 4.36 -134.74	187.12 4.00 -114.13	168.23 3.51 -103.05	157.28 3.85 -83.44	146.06 2.90 -87.31	141.32 3.07 -82.41	133.09 2.85 -74.28
NCHELSEA_115KV_TR2 355582	92.38 5.06 -5.71	87.31 5.00 -1.72	85.36 4.53 -6.62	77.55 4.35 -3.05	78.04 4.40 -2.67	82.80 4.76 -3.72	82.57 4.71 -7.58	83.60 4.29 -14.26	89.42 5.08 -12.80	107.42 5.72 -24.44	121.82 6.28 -29.57	127.64 6.01 -39.31	127.01 6.00 -38.86	125.45 5.83 -39.82	134.57 5.49 -54.96	127.17 4.62 -60.05	139.18 5.06 -68.41	146.31 5.59 -68.08	154.76 5.31 -80.46	143.70 4.75 -77.29	135.67 5.25 -60.43	123.56 3.97 -63.75	120.58 3.97 -60.77	123.56 3.75 -63.85
NEG CAPITAL___MECHNVIL 23645	143.47 5.95 -55.89	103.29 5.81 -16.89	144.43 5.41 -64.80	105.10 5.05 -29.89	102.28 5.11 -26.20	116.16 5.42 -36.42	149.76 5.27 -74.20	159.64 4.75 -89.85	202.31 5.43 -125.34	230.61 5.95 -147.41	196.57 6.45 -104.14	182.50 6.18 -94.01	187.84 6.16 -99.52	191.51 5.99 -105.72	148.37 5.49 -68.76	187.07 4.62 -119.95	208.99 4.99 -138.28	352.43 5.59 -274.20	244.80 5.24 -170.58	207.76 4.68 -141.42	195.52 5.18 -120.34	184.31 3.97 -124.50	175.71 3.97 -115.89	139.69 3.92 -79.81

NEG CENTRAL_HIGH_ACRES 23767	78.19 -3.42 0.00	77.21 -3.38 0.00	71.10 -3.11 0.00	66.99 -3.16 0.00	67.71 -3.26 0.00	70.90 -3.42 0.00	66.70 -3.58 0.00	62.48 -3.39 -0.82	67.18 -4.37 0.00	74.96 -4.63 -2.34	84.67 -4.73 -3.43	83.34 -4.45 -5.47	82.60 -4.60 -5.05	80.54 -4.47 -5.21	77.75 -4.08 -7.71	66.75 -3.56 -7.82	71.72 -3.55 -9.56	72.93 -2.91 -3.21	72.79 -2.76 -6.56	66.50 -2.41 -7.25	72.17 -3.08 -5.25	56.52 -3.02 -3.69	58.39 -2.96 -5.50	61.22 -2.30 -7.55
NEG CENTRAL___DRP 24199	81.13 -0.49 0.00	80.19 -0.40 0.00	73.84 -0.37 0.00	69.59 -0.56 0.00	70.40 -0.57 0.00	73.73 -0.59 0.00	69.65 -0.63 0.00	65.08 -0.85 -0.88	70.54 -1.00 0.00	78.57 -1.24 -2.54	87.74 -1.72 -3.49	86.52 -1.65 -5.85	85.77 -1.64 -5.26	83.69 -1.60 -5.48	81.08 -1.33 -8.29	69.59 -1.00 -8.10	75.16 -0.85 -10.31	80.88 -0.29 -8.54	81.12 -0.21 -12.34	73.45 0.00 -11.79	78.96 -0.28 -9.25	61.89 -0.61 -6.66	64.52 -0.61 -9.28	65.37 -0.22 -9.64
NEG CENTRAL___INDECK 23768	79.74 -1.87 0.00	78.74 -1.85 0.00	72.58 -1.63 0.00	68.19 -1.96 0.00	68.91 -2.06 0.00	71.94 -2.38 0.00	67.75 -2.53 0.00	63.37 -2.80 -1.12	68.04 -3.50 0.00	79.09 -1.47 -3.30	87.75 -2.06 -3.84	87.65 -1.98 -7.30	85.85 -2.46 -6.16	84.10 -2.32 -6.61	82.82 -1.85 -10.55	70.27 -1.56 -9.34	77.84 -1.05 -13.18	82.54 0.15 -9.76	83.29 0.21 -14.10	75.37 0.25 -13.46	80.41 -0.14 -10.56	59.18 -0.95 -4.29	65.55 -0.90 -10.60	66.95 0.00 -10.99
NEG CENTRAL___SENECA 23627	81.45 -0.16 0.00	80.51 -0.08 0.00	74.14 -0.07 0.00	69.80 -0.35 0.00	70.69 -0.28 0.00	73.88 -0.45 0.00	69.79 -0.49 0.00	65.16 -0.85 -0.96	70.54 -1.00 0.00	78.75 -1.31 -2.81	87.27 -1.98 -3.27	86.59 -1.98 -6.25	85.45 -1.97 -5.27	83.70 -1.76 -5.65	81.71 -1.48 -9.07	69.30 -1.19 -8.00	76.02 -0.99 -11.30	81.58 -0.44 -9.38	82.18 -0.34 -13.53	74.58 0.00 -12.92	79.85 -0.28 -10.14	59.99 -0.67 -4.81	65.35 -0.67 -10.17	66.39 -0.11 -10.54
NEG CENTRAL___STATE_STREET 24147	81.45 -0.16 0.00	80.43 -0.16 0.00	74.06 -0.15 0.00	69.87 -0.28 0.00	70.69 -0.28 0.00	74.03 -0.30 0.00	70.07 -0.21 0.00	65.65 -0.26 -0.86	71.18 -0.36 0.00	79.22 -0.54 -2.50	89.79 -0.69 -4.51	87.71 -0.66 -6.05	87.61 -0.66 -6.11	85.24 -0.64 -6.07	81.71 -0.52 -8.10	71.72 -0.37 -9.60	75.60 -0.20 -10.09	81.51 0.51 -8.37	81.62 0.55 -12.08	73.69 0.49 -11.54	79.46 0.42 -9.05	67.06 -0.06 -11.27	64.82 -0.11 -9.09	65.49 0.11 -9.42
NEG MILLWOOD___DRP 24198	92.93 5.63 -5.68	87.87 5.56 -1.72	85.85 5.05 -6.59	78.03 4.84 -3.04	78.53 4.90 -2.66	83.30 5.28 -3.70	82.95 5.13 -7.54	84.01 4.68 -14.28	89.93 5.65 -12.74	108.15 6.41 -24.48	122.76 7.05 -29.73	128.68 6.75 -39.61	128.11 6.82 -39.14	126.45 6.54 -40.11	135.77 6.15 -55.49	128.23 5.19 -60.55	140.27 5.59 -68.98	147.20 6.17 -68.39	156.00 5.93 -81.08	144.83 5.24 -77.92	136.64 5.74 -60.91	124.46 4.36 -64.26	121.52 4.41 -61.26	124.60 4.20 -64.44
NEG NORTH_FLCN_SEA 23793	82.43 0.82 0.00	81.48 0.89 0.00	75.40 1.19 0.00	71.48 1.33 0.00	72.25 1.28 0.00	75.44 1.11 0.00	70.70 0.42 0.00	65.50 0.46 0.00	71.76 0.21 0.00	77.41 0.15 0.00	85.80 -0.17 0.00	82.32 0.00 0.00	82.07 -0.08 0.00	79.96 0.16 0.00	73.90 -0.22 0.00	62.36 -0.12 0.00	65.45 -0.26 0.00	71.47 -1.16 0.00	67.68 -1.31 0.00	60.61 -1.05 0.00	69.22 -0.77 0.00	55.51 -0.34 0.00	55.57 -0.28 0.00	56.24 0.28 0.00
NEG NORTH_KES_CHATEGAY 23792	81.21 -0.41 0.00	80.35 -0.24 0.00	74.29 0.07 0.00	70.36 0.21 0.00	71.18 0.21 0.00	74.32 0.00 0.00	70.14 -0.14 0.00	64.98 -0.07 0.00	71.18 -0.36 0.00	76.87 -0.39 0.00	85.20 -0.77 0.00	81.74 -0.58 0.00	81.50 -0.66 0.00	79.33 -0.48 0.00	73.38 -0.74 0.00	61.86 -0.62 0.00	64.92 -0.79 0.00	70.96 -1.67 0.00	67.19 -1.79 0.00	60.18 -1.48 0.00	68.66 -1.33 0.00	55.12 -0.73 0.00	55.18 -0.67 0.00	55.40 -0.56 0.00
NEG NORTH___ALICE_FALLS 23915	82.84 1.22 0.00	81.96 1.37 0.00	75.84 1.63 0.00	71.90 1.75 0.00	72.67 1.70 0.00	75.81 1.49 0.00	71.34 1.05 0.00	66.15 1.11 0.00	72.40 0.86 0.00	78.11 0.85 0.00	86.40 0.43 0.00	82.98 0.66 0.00	82.73 0.58 0.00	80.60 0.80 0.00	74.50 0.37 0.00	62.93 0.44 0.00	66.04 0.33 0.00	72.05 -0.58 0.00	68.23 -0.76 0.00	61.11 -0.55 0.00	69.85 -0.14 0.00	55.96 0.11 0.00	56.07 0.22 0.00	56.52 0.56 0.00
NEG NORTH___LWR_SARANAC 23913	82.84 1.22 0.00	81.96 1.37 0.00	75.84 1.63 0.00	71.90 1.75 0.00	72.67 1.70 0.00	75.81 1.49 0.00	71.34 1.05 0.00	66.15 1.11 0.00	72.40 0.86 0.00	78.11 0.85 0.00	86.40 0.43 0.00	82.98 0.66 0.00	82.73 0.58 0.00	80.60 0.80 0.00	74.50 0.37 0.00	62.93 0.44 0.00	66.04 0.33 0.00	72.05 -0.58 0.00	68.23 -0.76 0.00	61.11 -0.55 0.00	69.85 -0.14 0.00	55.96 0.11 0.00	56.07 0.22 0.00	56.52 0.56 0.00
NEG NORTH___PLATTSBURG 23628	82.68 1.06 0.00	81.80 1.21 0.00	75.70 1.48 0.00	71.90 1.75 0.00	72.67 1.70 0.00	75.73 1.41 0.00	71.19 0.91 0.00	66.15 1.10 0.00	72.40 0.86 0.00	78.11 0.85 0.00	86.40 0.43 0.00	82.90 0.58 0.00	82.89 0.74 0.00	80.60 0.80 0.00	74.50 0.37 0.00	62.93 0.44 0.00	66.04 0.33 0.00	72.13 -0.50 0.00	68.23 -0.76 0.00	61.11 -0.56 0.00	69.85 -0.14 0.00	56.01 0.17 0.00	56.07 0.22 0.00	56.52 0.56 0.00
NEG WEST_LEA_LOCKPORT 23791	76.72 -4.90 0.00	75.68 -4.92 0.00	69.83 -4.38 0.00	65.87 -4.28 0.00	66.57 -4.40 0.00	69.34 -4.98 0.00	64.66 -5.62 0.00	59.60 -6.44 -1.00	64.10 -7.44 0.00	71.66 -8.50 -2.90	80.19 -9.63 -3.84	79.70 -9.22 -6.61	78.73 -9.28 -5.86	76.69 -9.26 -6.15	75.14 -8.38 -9.39	64.17 -7.31 -8.99	69.99 -7.43 -11.70	75.37 -6.97 -9.71	76.17 -6.83 -14.01	69.18 -5.86 -13.38	73.49 -7.00 -10.50	56.47 -6.37 -6.99	60.30 -6.09 -10.54	62.46 -4.42 -10.92
NEG WEST___LANCASTER 23811	79.14 -3.84 -1.36	77.13 -3.87 -0.41	72.52 -3.27 -1.57	67.58 -3.30 -0.73	68.20 -3.41 -0.64	71.27 -3.94 -0.88	67.65 -4.43 -1.80	60.84 -7.35 -3.14	68.79 -5.79 -3.04	75.96 -6.64 -5.35	80.83 -10.06 -4.92	79.73 -10.13 -7.54	78.75 -10.19 -6.78	77.11 -9.98 -7.28	75.73 -9.12 -10.72	64.79 -7.81 -10.11	71.24 -8.08 -13.61	79.02 -7.84 -14.23	77.45 -7.59 -16.05	70.37 -6.60 -15.31	74.24 -7.77 -12.02	56.39 -6.92 -7.47	61.26 -6.65 -12.06	63.17 -5.26 -12.46
NEG_PENN_ALLEGHNY 23528	84.77 0.58 -2.57	82.01 0.64 -0.78	77.72 0.52 -2.98	71.81 0.28 -1.38	72.53 0.36 -1.21	76.30 0.30 -1.68	73.98 0.28 -3.42	70.53 -0.26 -5.75	77.17 -0.14 -5.77	87.06 -0.15 -9.96	95.93 -0.51 -10.47	95.61 -0.49 -13.78	94.99 -0.57 -13.41	93.17 -0.55 -13.92	92.04 -0.44 -18.35	82.18 -0.37 -20.06	89.21 -0.26 -23.76	97.45 0.22 -24.60	96.23 0.28 -26.96	87.43 0.25 -25.52	90.25 0.14 -20.12	74.52 -0.22 -18.90	75.77 -0.22 -20.14	76.53 0.11 -20.46
NEG___GEN_MONROE 24207	78.68 -2.94 0.00	77.61 -2.98 0.00	71.61 -2.60 0.00	67.55 -2.60 0.00	68.34 -2.63 0.00	71.57 -2.75 0.00	67.05 -3.23 0.00	62.51 -3.38 -0.85	67.32 -4.22 0.00	74.98 -4.71 -2.43	84.38 -4.99 -3.39	83.34 -4.61 -5.63	82.57 -4.68 -5.09	80.32 -4.79 -5.30	77.82 -4.30 -8.00	66.55 -3.81 -7.87	71.89 -3.75 -9.92	77.86 -2.98 -8.20	78.03 -2.83 -11.87	70.49 -2.53 -11.35	75.67 -3.22 -8.90	59.23 -3.24 -6.62	61.66 -3.13 -8.94	63.13 -2.13 -9.30

NEPA__ENERGY 23901	79.64 -3.35 -1.37	77.62 -3.38 -0.41	72.90 -2.89 -1.59	67.93 -2.95 -0.73	68.56 -3.05 -0.64	71.65 -3.57 -0.89	68.09 -4.01 -1.82	62.75 -5.46 -3.17	69.10 -5.51 -3.07	76.40 -6.26 -5.40	82.94 -8.00 -4.97	82.18 -7.74 -7.60	81.20 -7.80 -6.85	79.41 -7.74 -7.35	77.97 -6.97 -10.81	66.69 -6.00 -10.20	73.32 -6.11 -13.73	81.32 -5.67 -14.35	79.66 -5.52 -16.19	72.35 -4.75 -15.44	76.44 -5.67 -12.12	58.15 -5.25 -7.56	62.98 -5.03 -12.16	64.89 -3.64 -12.57
NEVERSINK__HYD 23608	92.28 4.81 -5.85	87.03 4.67 -1.77	85.22 4.23 -6.78	77.34 4.07 -3.13	77.83 4.11 -2.74	82.67 4.53 -3.81	82.55 4.50 -7.76	83.07 4.10 -13.93	89.45 4.79 -13.12	106.31 5.26 -23.80	119.49 5.76 -27.76	124.04 5.43 -36.29	123.45 5.34 -35.96	121.82 5.11 -36.90	128.85 4.89 -49.83	121.77 4.19 -55.09	133.29 4.79 -62.78	142.23 5.37 -64.22	147.88 5.11 -73.78	136.72 4.50 -70.56	130.19 4.90 -55.30	117.84 3.68 -58.31	115.08 3.68 -55.55	117.21 3.47 -57.78
NEWKRMKL_115KV_TB1 55635	120.76 3.59 -35.55	94.96 3.63 -10.74	118.70 3.27 -41.22	92.32 3.16 -19.01	90.83 3.19 -16.66	100.76 3.27 -23.17	120.50 3.02 -47.20	127.37 2.67 -59.66	154.27 3.00 -79.72	178.86 3.24 -98.36	165.38 3.87 -75.54	160.52 3.79 -74.41	163.35 3.78 -77.41	164.92 3.59 -81.52	144.91 3.41 -67.37	165.14 2.81 -99.83	183.23 2.83 -114.69	269.86 3.05 -194.18	211.41 2.83 -139.60	185.22 2.59 -120.97	173.30 3.01 -100.30	162.62 2.40 -104.38	156.23 2.51 -97.87	136.65 2.41 -78.29
NEWTON__FALLS_HYD 23847	82.92 1.31 0.00	81.88 1.29 0.00	75.40 1.19 0.00	71.41 1.26 0.00	72.18 1.21 0.00	75.51 1.19 0.00	71.48 1.19 0.00	66.60 1.37 -0.19	72.76 1.22 0.00	78.03 0.77 0.00	87.02 0.69 -0.36	83.65 0.58 -0.76	83.45 0.58 -0.72	81.26 0.72 -0.73	76.36 0.44 -1.79	64.24 0.31 -1.44	67.52 0.13 -1.68	73.37 -0.15 -0.88	70.66 -0.14 -1.81	63.54 -0.12 -2.00	71.58 0.14 -1.45	57.80 0.39 -1.56	57.92 0.56 -1.52	58.55 0.50 -2.08
NGRID_A1_DSASP 323792	75.82 -5.79 0.00	74.95 -5.64 0.00	69.09 -5.12 0.00	65.03 -5.12 0.00	65.65 -5.32 0.00	68.53 -5.80 0.00	63.60 -6.68 0.00	58.71 -7.35 -1.01	62.74 -8.80 0.00	70.39 -9.81 -2.95	79.20 -10.66 -3.89	79.22 -9.80 -6.70	77.90 -10.19 -5.94	76.14 -9.90 -6.23	74.68 -8.97 -9.53	63.73 -7.88 -9.11	69.56 -8.02 -11.87	73.52 -7.70 -8.58	73.90 -7.52 -12.43	67.08 -6.47 -11.89	71.61 -7.70 -9.32	54.46 -7.04 -5.66	58.67 -6.53 -9.36	60.83 -4.87 -9.74
NGRID_A2_DSASP 323793	75.82 -5.79 0.00	74.95 -5.64 0.00	69.09 -5.12 0.00	65.03 -5.12 0.00	65.65 -5.32 0.00	68.53 -5.80 0.00	63.60 -6.68 0.00	58.71 -7.35 -1.01	62.74 -8.80 0.00	70.39 -9.81 -2.95	79.20 -10.66 -3.89	79.22 -9.80 -6.70	77.90 -10.19 -5.94	76.14 -9.90 -6.23	74.68 -8.97 -9.53	63.73 -7.88 -9.11	69.56 -8.02 -11.87	73.52 -7.70 -8.58	73.90 -7.52 -12.43	67.08 -6.47 -11.89	71.61 -7.70 -9.32	54.46 -7.04 -5.66	58.67 -6.53 -9.36	60.83 -4.87 -9.74
NGRID_A4_DSASP 323807	75.82 -5.79 0.00	74.95 -5.64 0.00	69.09 -5.12 0.00	65.03 -5.12 0.00	65.65 -5.32 0.00	68.53 -5.80 0.00	63.60 -6.68 0.00	58.71 -7.35 -1.01	62.74 -8.80 0.00	70.39 -9.81 -2.95	79.20 -10.66 -3.89	79.22 -9.80 -6.70	77.90 -10.19 -5.94	76.14 -9.90 -6.23	74.68 -8.97 -9.53	63.73 -7.88 -9.11	69.56 -8.02 -11.87	73.52 -7.70 -8.58	73.90 -7.52 -12.43	67.08 -6.47 -11.89	71.61 -7.70 -9.32	54.46 -7.04 -5.66	58.67 -6.53 -9.36	60.83 -4.87 -9.74
NIAGARA_115E_LBMP 323715	75.33 -6.28 0.00	74.46 -6.13 0.00	68.64 -5.57 0.00	64.53 -5.61 0.00	65.22 -5.75 0.00	68.08 -6.24 0.00	63.47 -6.82 0.00	58.38 -7.68 -1.01	62.67 -8.87 0.00	70.24 -9.97 -2.95	78.86 -11.01 -3.89	78.73 -10.29 -6.71	77.42 -10.68 -5.94	75.67 -10.37 -6.24	74.25 -9.42 -9.54	63.42 -8.18 -9.12	69.18 -8.41 -11.88	73.10 -8.13 -8.60	73.57 -7.87 -12.45	66.79 -6.78 -11.91	71.28 -8.05 -9.33	54.18 -7.31 -5.65	58.35 -6.87 -9.37	60.57 -5.15 -9.76
NIAGARA_115W_LBMP 323714	75.66 -5.95 0.00	74.87 -5.72 0.00	69.02 -5.20 0.00	64.96 -5.19 0.00	65.57 -5.40 0.00	68.45 -5.87 0.00	63.47 -6.82 0.00	58.64 -7.42 -1.01	62.60 -8.95 0.00	70.23 -9.97 -2.94	79.03 -10.83 -3.89	79.05 -9.96 -6.69	77.73 -10.35 -5.93	75.97 -10.06 -6.22	74.52 -9.12 -9.52	63.65 -7.94 -9.10	69.41 -8.15 -11.85	73.36 -7.85 -8.57	73.74 -7.66 -12.41	66.94 -6.60 -11.87	71.46 -7.84 -9.30	54.35 -7.15 -5.65	58.54 -6.65 -9.34	60.76 -4.93 -9.73
NIAGARA_230_LBMP 323716	76.06 -5.55 0.00	75.27 -5.32 0.00	69.39 -4.82 0.00	65.24 -4.91 0.00	65.93 -5.04 0.00	68.82 -5.50 0.00	64.17 -6.12 0.00	59.22 -6.83 -1.01	63.38 -8.16 0.00	71.12 -9.04 -2.93	79.94 -9.88 -3.88	79.79 -9.14 -6.67	78.58 -9.44 -5.92	76.79 -9.17 -6.21	75.23 -8.30 -9.49	64.26 -7.25 -9.08	70.00 -7.43 -11.81	74.04 -7.04 -8.53	74.32 -6.90 -12.36	67.45 -5.92 -11.70	72.10 -7.07 -9.17	55.00 -6.48 -5.63	59.03 -6.03 -9.21	61.08 -4.48 -9.59
NIAGARA__115KV_198_GIBSON 55903	75.74 -5.88 0.00	74.79 -5.80 0.00	68.94 -5.27 0.00	65.17 -4.98 0.00	65.86 -5.11 0.00	68.53 -5.80 0.00	63.46 -6.82 0.00	58.64 -7.42 -1.01	62.81 -8.73 0.00	70.23 -9.97 -2.94	78.94 -10.92 -3.89	78.88 -10.13 -6.69	77.98 -10.10 -5.93	75.89 -10.14 -6.22	74.52 -9.12 -9.52	63.66 -7.94 -9.10	69.42 -8.15 -11.85	74.63 -7.84 -9.84	75.53 -7.66 -14.20	68.68 -6.54 -13.55	72.86 -7.77 -10.63	55.86 -7.04 -7.05	59.88 -6.65 -10.68	62.10 -4.92 -11.06
NIAGARA____ 23760	76.06 -5.55 0.00	75.27 -5.32 0.00	69.39 -4.82 0.00	65.24 -4.91 0.00	65.93 -5.04 0.00	68.82 -5.50 0.00	64.17 -6.12 0.00	59.22 -6.83 -1.01	63.38 -8.16 0.00	71.15 -9.04 -2.93	79.97 -9.88 -3.88	79.85 -9.14 -6.67	78.63 -9.44 -5.92	76.84 -9.17 -6.21	75.32 -8.30 -9.49	64.33 -7.25 -9.08	70.10 -7.43 -11.81	74.12 -7.04 -8.53	74.45 -6.90 -12.36	67.57 -5.92 -11.83	72.19 -7.07 -9.26	55.01 -6.48 -5.64	59.15 -6.03 -9.33	61.23 -4.48 -9.74
NINE_MILE_1 23575	78.60 -3.02 0.00	77.61 -2.98 0.00	71.47 -2.74 0.00	67.48 -2.67 0.00	68.27 -2.70 0.00	71.50 -2.82 0.00	67.54 -2.74 0.00	63.04 -2.47 -0.47	68.68 -2.86 0.00	74.09 -3.17 0.00	83.41 -3.44 -0.88	80.90 -3.30 -1.88	80.65 -3.29 -1.78	78.42 -3.19 -1.81	75.58 -2.97 -4.43	63.60 -2.44 -3.55	67.36 -2.50 -4.15	72.04 -2.25 -1.65	70.30 -2.07 -3.38	63.49 -1.91 -3.74	70.46 -2.24 -2.71	56.80 -1.96 -2.91	56.73 -1.96 -2.84	58.06 -1.79 -3.90
NINE_MILE_2 23744	78.60 -3.02 0.00	77.61 -2.98 0.00	71.47 -2.74 0.00	67.48 -2.67 0.00	68.27 -2.70 0.00	71.50 -2.82 0.00	67.54 -2.74 0.00	63.04 -2.47 -0.47	68.68 -2.86 0.00	74.09 -3.17 0.00	83.41 -3.44 -0.88	80.89 -3.30 -1.87	80.64 -3.29 -1.78	78.42 -3.19 -1.81	75.57 -2.97 -4.42	63.59 -2.44 -3.54	67.35 -2.50 -4.14	72.03 -2.25 -1.65	70.30 -2.07 -3.38	63.48 -1.91 -3.73	70.45 -2.24 -2.70	56.80 -1.96 -2.91	56.72 -1.96 -2.83	58.06 -1.79 -3.89
NM_CAPITAL__DRP 24208	120.33 3.75 -34.96	94.94 3.79 -10.56	118.16 3.41 -40.53	92.07 3.23 -18.70	90.69 3.34 -16.39	100.52 3.42 -22.78	119.85 3.16 -46.41	126.61 2.80 -58.76	153.15 3.22 -78.39	177.64 3.48 -96.91	164.68 4.04 -74.66	159.95 3.87 -73.76	162.71 3.86 -76.69	164.30 3.75 -80.74	144.80 3.48 -67.19	164.48 2.87 -99.12	182.52 2.96 -113.86	267.57 3.20 -191.74	210.54 3.04 -138.52	184.57 2.71 -120.20	172.72 3.15 -99.58	162.00 2.51 -103.64	155.62 2.57 -97.20	136.50 2.46 -78.08

NM_CENTRAL___DRP 24181	80.23 -1.39 0.00	79.30 -1.29 0.00	72.95 -1.26 0.00	68.82 -1.33 0.00	69.69 -1.28 0.00	72.98 -1.34 0.00	69.02 -1.27 0.00	64.51 -1.17 -0.64	70.11 -1.43 0.00	75.64 -1.62 0.00	85.45 -1.72 -1.20	83.22 -1.65 -2.55	82.93 -1.64 -2.42	80.67 -1.60 -2.47	78.73 -1.41 -6.02	66.12 -1.19 -4.82	70.23 -1.12 -5.64	75.17 -0.44 -2.97	74.72 -0.34 -6.07	68.00 -0.37 -6.71	74.30 -0.56 -4.87	60.35 -0.73 -5.23	60.21 -0.73 -5.09	62.40 -0.56 -7.00
NM_FRONTIER___DRP 24179	75.74 -5.88 0.00	74.79 -5.80 0.00	68.94 -5.27 0.00	65.17 -4.98 0.00	65.86 -5.11 0.00	68.53 -5.80 0.00	63.46 -6.82 0.00	58.64 -7.42 -1.01	62.81 -8.73 0.00	70.23 -9.97 -2.94	78.94 -10.92 -3.89	78.88 -10.13 -6.69	77.98 -10.10 -5.93	75.89 -10.14 -6.22	74.52 -9.12 -9.52	63.66 -7.94 -9.10	69.42 -8.15 -11.85	74.63 -7.84 -9.84	75.53 -7.66 -14.20	68.68 -6.54 -13.55	72.86 -7.77 -10.63	55.86 -7.04 -7.05	59.88 -6.65 -10.68	62.10 -4.92 -11.06
NM_ST_REGIS___HYD 24053	81.94 0.33 0.00	80.91 0.32 0.00	74.81 0.59 0.00	70.85 0.70 0.00	71.61 0.64 0.00	74.77 0.45 0.00	70.77 0.49 0.00	65.79 0.65 -0.09	71.90 0.36 0.00	77.41 0.15 0.00	85.89 -0.26 -0.18	82.61 -0.08 -0.38	82.35 -0.16 -0.36	80.25 0.08 -0.36	74.79 -0.22 -0.89	62.95 -0.25 -0.71	65.95 -0.59 -0.83	71.40 -1.67 -0.44	68.16 -1.72 -0.90	61.23 -1.42 -0.99	69.73 -0.98 -0.72	56.39 -0.22 -0.77	56.60 0.00 -0.75	56.99 0.00 -1.03
NORTHPORT___1 23551	122.01 7.26 -33.13	96.37 7.09 -8.69	94.79 6.45 -14.12	89.67 6.17 -13.35	89.62 6.25 -12.41	95.54 6.76 -14.45	133.30 6.60 -56.42	142.76 6.11 -71.61	138.39 6.94 -59.91	140.60 7.42 -55.92	164.62 8.25 -70.39	166.69 7.66 -76.72	163.96 7.72 -74.08	167.43 7.34 -80.29	162.94 7.05 -81.77	168.70 5.94 -100.27	176.20 6.37 -104.11	182.62 7.12 -102.86	185.76 6.90 -109.88	176.00 6.11 -108.24	167.68 6.44 -91.26	150.96 5.36 -89.76	144.40 5.25 -83.31	136.77 5.09 -75.72
NORTHPORT___2 23552	122.01 7.26 -33.13	96.37 7.09 -8.69	94.79 6.45 -14.12	89.67 6.17 -13.35	89.62 6.25 -12.41	95.54 6.76 -14.45	133.30 6.60 -56.42	142.76 6.11 -71.61	138.39 6.94 -59.91	140.60 7.42 -55.92	164.62 8.25 -70.39	166.69 7.66 -76.72	163.96 7.72 -74.08	167.43 7.34 -80.29	162.94 7.05 -81.77	168.70 5.94 -100.27	176.20 6.37 -104.11	182.62 7.12 -102.86	185.76 6.90 -109.88	176.00 6.11 -108.24	167.68 6.44 -91.26	150.96 5.36 -89.76	144.40 5.25 -83.31	136.77 5.09 -75.72
NORTHPORT___3 23553	120.63 5.88 -33.13	94.84 5.56 -8.69	93.39 5.05 -14.12	88.33 4.84 -13.35	88.27 4.89 -12.41	94.13 5.35 -14.45	132.04 5.34 -56.42	141.40 4.75 -71.60	137.10 5.65 -59.91	139.36 6.18 -55.92	162.47 6.10 -70.39	164.88 5.85 -76.72	162.07 5.83 -74.08	165.76 5.67 -80.29	161.24 5.34 -81.77	167.26 4.50 -100.27	174.62 4.79 -104.11	180.87 5.37 -102.86	184.04 5.18 -109.88	174.46 4.56 -108.23	167.27 6.02 -91.25	149.79 4.19 -89.76	143.51 4.36 -83.31	135.99 4.31 -75.72
NORTHPORT___4 23650	120.63 5.88 -33.13	94.84 5.56 -8.69	93.39 5.05 -14.12	88.33 4.84 -13.35	88.27 4.89 -12.41	94.13 5.35 -14.45	132.04 5.34 -56.42	141.40 4.75 -71.60	137.10 5.65 -59.91	139.36 6.18 -55.92	162.47 6.10 -70.39	164.88 5.85 -76.72	162.07 5.83 -74.08	165.76 5.67 -80.29	161.24 5.34 -81.77	167.26 4.50 -100.27	174.62 4.79 -104.11	180.87 5.37 -102.86	184.04 5.18 -109.88	174.46 4.56 -108.23	167.27 6.02 -91.25	149.79 4.19 -89.76	143.51 4.36 -83.31	135.99 4.31 -75.72
NORTHPORT___IC 23718	121.93 7.18 -33.13	96.37 7.09 -8.69	94.79 6.46 -14.12	89.60 6.10 -13.35	89.62 6.25 -12.41	95.46 6.69 -14.45	133.31 6.61 -56.42	142.70 6.05 -71.61	138.18 6.72 -59.91	140.59 7.42 -55.92	164.70 8.34 -70.39	166.69 7.66 -76.72	163.96 7.72 -74.08	167.52 7.42 -80.29	162.94 7.04 -81.77	168.76 6.00 -100.27	176.20 6.37 -104.11	182.78 7.12 -103.02	185.95 6.90 -110.06	176.17 6.10 -108.41	168.38 7.00 -91.39	151.16 5.42 -89.90	144.48 5.19 -83.44	136.90 5.09 -75.85
NORTH___COUNTRY_ESR 323785	80.80 -0.82 0.00	79.94 -0.65 0.00	73.92 -0.30 0.00	70.08 -0.07 0.00	70.90 -0.07 0.00	74.03 -0.30 0.00	69.72 -0.56 0.00	64.72 -0.32 0.00	70.90 -0.65 0.00	76.56 -0.70 0.00	84.94 -1.03 0.00	81.41 -0.90 0.00	81.41 -0.74 0.00	79.08 -0.72 0.00	73.16 -0.97 0.00	61.68 -0.81 0.00	64.66 -1.05 0.00	70.75 -1.89 0.00	66.92 -2.07 0.00	59.94 -1.73 0.00	68.39 -1.61 0.00	54.90 -0.95 0.00	54.95 -0.90 0.00	55.18 -0.78 0.00
NPX_GEN_1385_PROXY 323591	123.08 8.33 -33.13	116.20 8.94 -26.66	114.00 8.16 -31.62	114.00 7.79 -36.06	117.00 7.88 -38.15	120.00 8.47 -37.21	134.50 7.80 -56.42	144.00 7.35 -71.61	139.96 8.51 -59.91	141.60 8.42 -55.92	164.36 8.00 -70.39	165.70 6.66 -76.72	163.38 7.14 -74.08	166.80 6.70 -80.29	162.49 6.59 -81.77	168.26 5.50 -100.27	176.00 6.17 -104.11	182.25 6.76 -102.86	186.04 7.17 -109.88	175.76 5.86 -108.24	166.99 5.74 -91.26	151.08 5.48 -89.76	144.51 5.36 -83.31	137.00 5.32 -75.72
NPX_GEN_CSC 323557	122.75 8.00 -33.13	97.02 7.74 -8.69	95.39 7.05 -14.12	90.23 6.74 -13.35	90.26 6.88 -12.41	96.28 7.50 -14.45	134.19 7.45 -56.46	143.59 6.89 -71.65	138.47 7.02 -59.91	140.60 7.42 -55.92	165.43 9.02 -70.43	167.27 8.23 -76.72	164.45 8.21 -74.08	167.76 7.66 -80.29	163.38 7.48 -81.77	169.07 6.31 -100.27	176.59 6.77 -104.11	182.91 7.41 -102.86	185.83 6.96 -109.88	176.54 6.60 -108.28	168.92 7.63 -91.30	151.24 5.64 -89.76	144.85 5.70 -83.31	137.28 5.60 -75.72
NSINS_S___GLNS_FALLS 23858	148.07 6.94 -59.52	105.35 6.77 -17.99	149.53 6.31 -69.01	107.87 5.89 -31.83	104.90 6.03 -27.90	119.42 6.32 -38.78	155.41 6.11 -79.02	165.96 5.66 -95.26	211.52 6.51 -133.47	240.52 7.11 -156.16	203.09 7.82 -109.30	187.09 7.16 -97.61	193.03 7.31 -103.57	196.97 7.02 -110.14	149.68 6.30 -69.26	191.67 5.44 -123.75	214.23 5.78 -142.73	367.89 6.54 -288.72	251.55 6.07 -176.49	212.56 5.43 -145.48	200.17 5.95 -124.23	188.90 4.64 -128.41	179.85 4.58 -119.43	140.97 4.53 -80.48
NUCOR_STEEL___DRP 24197	81.45 -0.16 0.00	80.51 -0.08 0.00	74.06 -0.15 0.00	69.87 -0.28 0.00	70.76 -0.21 0.00	74.10 -0.22 0.00	70.07 -0.21 0.00	65.62 -0.26 -0.83	71.11 -0.43 0.00	79.12 -0.54 -2.40	89.78 -0.60 -4.41	87.51 -0.66 -5.85	87.53 -0.58 -5.95	85.06 -0.64 -5.90	81.50 -0.44 -7.82	71.48 -0.37 -9.36	75.24 -0.20 -9.73	81.13 0.44 -8.06	81.18 0.55 -11.64	73.22 0.43 -11.12	79.07 0.35 -8.72	66.96 -0.06 -11.17	64.55 -0.06 -8.76	65.17 0.11 -9.09
NUMBER_THREE_WT_PWR 323818	84.72 3.10 0.00	83.65 3.06 0.00	76.88 2.67 0.00	72.75 2.60 0.00	73.60 2.63 0.00	77.15 2.82 0.00	73.10 2.81 0.00	68.16 2.86 -0.25	74.48 2.93 0.00	79.50 2.24 0.00	88.95 2.49 -0.48	85.39 2.06 -1.02	85.18 2.05 -0.97	82.86 2.07 -0.98	78.23 1.71 -2.40	65.85 1.44 -1.92	69.47 1.51 -2.25	75.49 1.89 -0.97	72.70 1.73 -1.99	65.34 1.48 -2.20	73.26 1.68 -1.59	58.84 1.29 -1.71	58.85 1.34 -1.67	59.54 1.29 -2.29
NYISO_LBMP_REFERENCE 24008	81.62 0.00 0.00	80.59 0.00 0.00	74.21 0.00 0.00	70.15 0.00 0.00	70.97 0.00 0.00	74.32 0.00 0.00	70.28 0.00 0.00	65.05 0.00 0.00	71.54 0.00 0.00	77.26 0.00 0.00	85.97 0.00 0.00	82.32 0.00 0.00	82.15 0.00 0.00	79.80 0.00 0.00	74.12 0.00 0.00	62.49 0.00 0.00	65.71 0.00 0.00	72.64 0.00 0.00	68.99 0.00 0.00	61.66 0.00 0.00	69.99 0.00 0.00	55.85 0.00 0.00	55.85 0.00 0.00	55.96 0.00 0.00

NYPA_BRENTWD____GT 24164	123.40 8.65 -33.13	97.58 8.30 -8.69	95.91 7.57 -14.12	90.66 7.16 -13.35	90.62 7.24 -12.41	96.58 7.80 -14.45	134.01 7.31 -56.42	142.96 6.31 -71.61	139.53 8.08 -59.91	141.91 8.73 -55.92	165.31 8.94 -70.40	168.25 9.22 -76.72	165.43 9.20 -74.08	169.03 8.94 -80.29	164.27 8.37 -81.77	169.88 7.12 -100.27	177.44 7.62 -104.11	184.06 8.57 -102.86	187.07 8.21 -109.88	176.93 7.03 -108.24	167.62 6.37 -91.26	151.91 6.31 -89.76	145.24 6.09 -83.31	137.61 5.93 -75.72
NYPA_GOWANUS____GT5 24156	148.06 5.63 -60.82	144.57 5.24 -58.74	144.70 4.97 -65.51	77.91 4.77 -2.99	144.64 4.83 -68.84	144.70 5.20 -65.17	146.03 5.27 -70.48	149.01 4.55 -79.42	149.23 5.43 -72.25	192.67 6.10 -109.31	152.26 7.05 -59.23	149.39 6.66 -60.41	149.30 6.65 -60.49	149.27 6.39 -63.08	152.09 6.08 -71.89	151.94 5.13 -84.32	234.52 5.52 -163.29	253.54 6.25 -174.65	260.44 6.07 -185.38	251.61 5.30 -184.65	214.01 6.09 -137.93	152.96 4.69 -92.43	149.08 4.47 -88.76	147.61 4.20 -87.45
NYPA_GOWANUS____GT6 24157	148.06 5.63 -60.82	144.57 5.24 -58.74	144.70 4.97 -65.51	77.91 4.77 -2.99	144.64 4.83 -68.84	144.70 5.20 -65.17	146.03 5.27 -70.48	149.01 4.55 -79.42	149.23 5.43 -72.25	192.67 6.10 -109.31	152.26 7.05 -59.23	149.39 6.66 -60.41	149.30 6.65 -60.49	149.27 6.39 -63.08	152.09 6.08 -71.89	151.94 5.13 -84.32	234.52 5.52 -163.29	253.54 6.25 -174.65	260.44 6.07 -185.38	251.61 5.30 -184.65	214.01 6.09 -137.93	152.96 4.69 -92.43	149.08 4.47 -88.76	147.61 4.20 -87.45
NYPA_HARLEM__RVR__GT1 24160	92.58 5.47 -5.50	87.42 5.16 -1.67	85.10 4.53 -6.36	77.36 4.28 -2.93	77.94 4.40 -2.57	82.66 4.76 -3.58	82.28 4.71 -7.28	83.11 4.17 -13.90	88.85 5.01 -12.30	106.90 5.72 -23.92	121.80 6.62 -29.21	127.30 6.01 -38.97	126.82 6.16 -38.50	125.07 5.82 -39.44	134.23 5.49 -54.62	126.83 4.75 -59.59	138.64 5.06 -67.87	145.47 5.74 -67.10	154.35 5.45 -79.92	143.38 4.87 -76.85	135.64 5.60 -60.05	123.56 4.36 -63.36	120.50 4.24 -60.41	123.58 3.97 -63.64
NYPA_HARLEM__RVR__GT2 24161	92.58 5.47 -5.50	87.42 5.16 -1.67	85.10 4.53 -6.36	77.36 4.28 -2.93	77.94 4.40 -2.57	82.66 4.76 -3.58	82.28 4.71 -7.28	83.11 4.17 -13.90	88.85 5.01 -12.30	106.90 5.72 -23.92	121.80 6.62 -29.21	127.30 6.01 -38.97	126.82 6.16 -38.50	125.07 5.82 -39.44	134.23 5.49 -54.62	126.83 4.75 -59.59	138.64 5.06 -67.87	145.47 5.74 -67.10	154.35 5.45 -79.92	143.38 4.87 -76.85	135.64 5.60 -60.05	123.56 4.36 -63.36	120.50 4.24 -60.41	123.58 3.97 -63.64
NYPA_KENT____GT 24152	92.67 5.55 -5.50	87.42 5.16 -1.67	85.36 4.82 -6.33	77.61 4.56 -2.90	78.19 4.68 -2.54	82.92 5.06 -3.54	82.66 5.13 -7.25	83.34 4.43 -13.87	89.11 5.29 -12.27	107.10 5.95 -23.89	122.03 6.88 -29.18	127.77 6.50 -38.95	127.11 6.49 -38.47	125.44 6.23 -39.41	134.65 5.93 -54.59	127.05 5.00 -59.56	138.94 5.39 -67.84	145.73 6.03 -67.07	154.77 5.86 -79.92	143.66 5.18 -76.82	135.95 5.95 -60.01	123.69 4.52 -63.33	120.52 4.30 -60.37	123.66 4.08 -63.61
NYPA_POUCH1____GT 24155	147.74 5.30 -60.82	144.25 4.92 -58.74	144.54 4.82 -65.51	77.84 4.70 -2.99	144.57 4.76 -68.84	144.62 5.12 -65.17	145.89 5.13 -70.48	148.75 4.29 -79.42	148.95 5.15 -72.25	192.28 5.72 -109.31	151.91 6.71 -59.23	149.07 6.34 -60.41	148.97 6.33 -60.49	148.95 6.06 -63.08	151.87 5.85 -71.89	151.75 4.94 -84.32	234.26 5.26 -163.29	253.25 5.96 -174.65	260.23 5.86 -185.38	251.43 5.12 -184.65	213.80 5.88 -137.93	152.79 4.52 -92.43	148.91 4.30 -88.76	147.44 4.03 -87.45
NYPA_VERNON____GT2 24162	92.50 5.39 -5.50	87.34 5.08 -1.67	85.17 4.60 -6.35	77.50 4.42 -2.93	78.01 4.47 -2.56	82.79 4.90 -3.57	82.48 4.92 -7.28	83.30 4.36 -13.89	89.06 5.22 -12.30	107.04 5.87 -23.92	121.96 6.79 -29.20	127.71 6.42 -38.97	127.06 6.41 -38.49	125.38 6.15 -39.43	134.60 5.85 -54.62	127.01 4.94 -59.59	138.83 5.26 -67.86	145.61 5.88 -67.09	154.63 5.72 -79.92	143.56 5.06 -76.84	135.84 5.81 -60.04	123.67 4.47 -63.35	120.49 4.24 -60.40	123.63 4.03 -63.64
NYPA_VERNON____GT3 24163	92.50 5.39 -5.50	87.34 5.08 -1.67	85.17 4.60 -6.35	77.50 4.42 -2.93	78.01 4.47 -2.56	82.79 4.90 -3.57	82.48 4.92 -7.28	83.30 4.36 -13.89	89.06 5.22 -12.30	107.04 5.87 -23.92	121.96 6.79 -29.20	127.71 6.42 -38.97	127.06 6.41 -38.49	125.38 6.15 -39.43	134.60 5.85 -54.62	127.01 4.94 -59.59	138.83 5.26 -67.86	145.61 5.88 -67.09	154.63 5.72 -79.92	143.56 5.06 -76.84	135.84 5.81 -60.04	123.67 4.47 -63.35	120.49 4.24 -60.40	123.63 4.03 -63.64
NYPA__ASTORIA_CC1 323568	92.50 5.39 -5.50	87.34 5.08 -1.67	85.18 4.60 -6.36	77.44 4.35 -2.93	78.02 4.47 -2.57	82.73 4.83 -3.58	82.41 4.85 -7.28	83.24 4.29 -13.90	89.00 5.15 -12.30	106.98 5.80 -23.92	121.89 6.71 -29.21	127.64 6.34 -38.98	126.98 6.33 -38.50	125.31 6.06 -39.44	134.54 5.79 -54.63	126.96 4.88 -59.59	138.77 5.19 -67.87	145.61 5.88 -67.10	154.56 5.66 -79.92	143.51 4.99 -76.85	135.78 5.74 -60.05	123.62 4.41 -63.36	120.44 4.19 -60.41	123.58 3.97 -63.64
NYPA__ASTORIA_CC2 323569	92.50 5.39 -5.50	87.34 5.08 -1.67	85.18 4.60 -6.36	77.44 4.35 -2.93	78.02 4.47 -2.57	82.73 4.83 -3.58	82.41 4.85 -7.28	83.24 4.29 -13.90	89.00 5.15 -12.30	106.98 5.80 -23.92	121.89 6.71 -29.21	127.64 6.34 -38.98	126.98 6.33 -38.50	125.31 6.06 -39.44	134.54 5.79 -54.63	126.96 4.88 -59.59	138.77 5.19 -67.87	145.61 5.88 -67.10	154.56 5.66 -79.92	143.51 4.99 -76.85	135.78 5.74 -60.05	123.62 4.41 -63.36	120.44 4.19 -60.41	123.58 3.97 -63.64
NYPA__HOLTSVILL 23794	122.17 7.43 -33.13	96.45 7.17 -8.69	94.87 6.53 -14.12	89.74 6.24 -13.35	89.69 6.31 -12.41	95.69 6.91 -14.45	133.56 6.82 -56.46	142.94 6.25 -71.65	138.39 6.94 -59.91	140.60 7.42 -55.92	165.00 8.60 -70.43	167.02 7.98 -76.72	164.29 8.06 -74.08	167.76 7.66 -80.29	163.24 7.34 -81.77	168.95 6.19 -100.27	176.46 6.63 -104.11	182.83 7.33 -102.86	185.91 7.04 -109.88	176.29 6.35 -108.28	168.36 7.07 -91.30	151.13 5.53 -89.76	144.57 5.42 -83.31	136.94 5.26 -75.72
NYPA__HELLGATE_GT1 24158	92.58 5.47 -5.50	87.42 5.16 -1.67	85.10 4.53 -6.36	77.36 4.28 -2.93	77.94 4.40 -2.57	82.66 4.76 -3.58	82.28 4.71 -7.28	83.11 4.17 -13.90	88.85 5.01 -12.30	106.90 5.72 -23.92	121.80 6.62 -29.21	127.30 6.01 -38.97	126.82 6.16 -38.50	125.07 5.82 -39.44	134.23 5.49 -54.62	126.83 4.75 -59.59	138.64 5.06 -67.87	145.47 5.74 -67.10	154.35 5.45 -79.92	143.38 4.87 -76.85	135.64 5.60 -60.05	123.56 4.36 -63.36	120.50 4.24 -60.41	123.58 3.97 -63.64
NYPA__HELLGATE_GT2 24159	92.58 5.47 -5.50	87.42 5.16 -1.67	85.10 4.53 -6.36	77.36 4.28 -2.93	77.94 4.40 -2.57	82.66 4.76 -3.58	82.28 4.71 -7.28	83.11 4.17 -13.90	88.85 5.01 -12.30	106.90 5.72 -23.92	121.80 6.62 -29.21	127.30 6.01 -38.97	126.82 6.16 -38.50	125.07 5.82 -39.44	134.23 5.49 -54.62	126.83 4.75 -59.59	138.64 5.06 -67.87	145.47 5.74 -67.10	154.35 5.45 -79.92	143.38 4.87 -76.85	135.64 5.60 -60.05	123.56 4.36 -63.36	120.50 4.24 -60.41	123.58 3.97 -63.64
NYS_BARGE__HYD 23848	76.64 -4.98 0.00	75.84 -4.75 0.00	69.83 -4.38 0.00	65.66 -4.49 0.00	66.36 -4.61 0.00	69.27 -5.06 0.00	64.66 -5.63 0.00	59.53 -6.50 0.00	63.89 -7.65 0.00	71.56 -8.58 -2.88	80.25 -9.55 -3.82	79.83 -9.06 -6.56	78.54 -9.44 -5.83	76.74 -9.17 -6.11	75.16 -8.30 -9.33	64.19 -7.25 -8.95	69.98 -7.36 -11.62	74.10 -6.90 -8.37	74.35 -6.76 -12.12	67.46 -5.80 -11.60	72.15 -6.93 -9.09	54.94 -6.48 -5.57	58.94 -6.03 -9.13	61.11 -4.37 -9.51

OAK ORCHARD___HYD 24046	79.00 -2.61 0.00	78.01 -2.58 0.00	71.83 -2.38 0.00	67.69 -2.46 0.00	68.42 -2.55 0.00	71.65 -2.67 0.00	67.19 -3.09 0.00	62.90 -2.99 -0.84	67.47 -4.07 0.00	75.34 -4.32 -2.41	85.05 -4.30 -3.37	83.96 -3.95 -5.59	83.03 -4.19 -5.06	81.00 -4.07 -5.26	78.43 -3.63 -7.94	67.06 -3.25 -7.82	72.40 -3.15 -9.84	73.56 -2.40 -3.32	73.43 -2.35 -6.79	67.13 -2.03 -7.50	72.77 -2.66 -5.44	56.20 -2.79 -3.14	58.91 -2.62 -5.69	61.98 -1.79 -7.81
OAKDALE___35_KV_LOAD 356122	84.45 0.16 -2.67	81.56 0.16 -0.81	77.45 0.15 -3.09	71.58 0.00 -1.43	72.22 0.00 -1.25	75.99 -0.07 -1.74	73.68 -0.14 -3.54	70.34 -0.59 -5.88	77.09 -0.43 -5.98	86.91 -0.54 -10.19	95.56 -0.86 -10.44	95.20 -0.91 -13.78	94.59 -0.90 -13.34	92.75 -0.96 -13.90	91.55 -0.82 -18.24	81.65 -0.69 -19.85	88.88 -0.59 -23.77	98.48 -0.15 -25.99	97.02 -0.14 -28.17	88.20 -0.06 -26.60	90.78 -0.21 -21.00	74.56 -0.50 -19.21	76.35 -0.50 -21.01	77.05 -0.11 -21.20
OCC_CHEM___DRP 24175	75.82 -5.79 0.00	74.87 -5.72 0.00	69.02 -5.19 0.00	65.24 -4.91 0.00	65.93 -5.04 0.00	68.60 -5.72 0.00	63.60 -6.68 0.00	58.71 -7.35 -1.01	62.96 -8.58 0.00	70.39 -9.81 -2.95	79.12 -10.75 -3.89	79.06 -9.96 -6.70	78.07 -10.02 -5.94	76.06 -9.98 -6.23	74.68 -8.97 -9.53	63.73 -7.87 -9.11	69.50 -8.08 -11.87	74.79 -7.70 -9.86	75.69 -7.52 -14.22	68.76 -6.47 -13.57	72.94 -7.70 -10.65	55.92 -6.98 -7.06	60.00 -6.53 -10.69	62.17 -4.87 -11.07
OH_GEN_PROXY 24063	76.15 -5.47 0.00	75.36 -5.24 0.00	69.39 -4.82 0.00	65.31 -4.84 0.00	66.00 -4.97 0.00	68.90 -5.42 0.00	64.24 -6.04 0.00	59.35 -6.70 -1.00	63.53 -8.01 0.00	71.36 -8.81 -2.91	80.13 -9.72 -3.88	80.06 -8.89 -6.64	78.77 -9.28 -5.90	76.97 -9.02 -6.18	75.40 -8.15 -9.43	64.42 -7.13 -9.06	70.23 -7.23 -11.75	74.21 -6.90 -8.48	74.57 -6.69 -12.28	67.68 -5.73 -11.75	72.34 -6.86 -9.20	55.17 -6.37 -5.69	59.17 -5.92 -9.25	61.17 -4.42 -9.63
OLIN_CORP_DRP 24177	75.50 -6.12 0.00	74.55 -6.04 0.00	68.72 -5.49 0.00	64.89 -5.26 0.00	65.58 -5.39 0.00	68.30 -6.02 0.00	63.60 -6.68 0.00	58.71 -7.35 -1.02	63.03 -8.51 0.00	70.49 -9.73 -2.97	78.97 -10.92 -3.91	78.86 -10.21 -6.75	77.86 -10.27 -5.98	75.86 -10.21 -6.27	74.53 -9.19 -9.60	63.66 -8.00 -9.17	69.46 -8.21 -11.96	74.65 -7.92 -9.93	75.66 -7.66 -14.33	68.74 -6.60 -13.68	72.88 -7.84 -10.73	55.93 -6.98 -7.06	59.92 -6.70 -10.77	62.14 -4.98 -11.16
OLIN_CORP_DSASP 323712	75.82 -5.79 0.00	74.95 -5.64 0.00	69.09 -5.12 0.00	65.03 -5.12 0.00	65.65 -5.32 0.00	68.53 -5.80 0.00	63.60 -6.68 0.00	58.71 -7.35 -1.01	62.74 -8.80 0.00	70.39 -9.81 -2.95	79.20 -10.66 -3.89	79.22 -9.80 -6.70	77.90 -9.90 -5.94	76.14 -8.97 -6.23	74.68 -7.88 -9.53	63.73 -8.02 -9.11	69.56 -8.02 -11.87	73.52 -7.70 -8.58	73.90 -7.52 -12.43	67.08 -6.47 -11.89	71.61 -7.70 -9.32	54.46 -7.04 -5.66	58.67 -6.53 -9.36	60.83 -4.87 -9.74
ONEIDA_HERK_LFGE 323681	84.64 3.02 0.00	83.58 2.98 0.00	76.88 2.67 0.00	72.67 2.52 0.00	73.52 2.55 0.00	77.15 2.82 0.00	73.02 2.74 0.00	67.99 2.73 -0.21	74.48 2.93 0.00	79.96 2.70 0.00	89.46 3.09 -0.40	85.88 2.71 -0.85	85.67 2.71 -0.81	83.26 2.63 -0.82	78.51 2.37 -2.01	66.10 2.00 -1.61	69.63 2.04 -1.88	75.85 2.39 -0.83	73.02 2.35 -1.69	65.56 2.03 -1.87	73.52 2.17 -1.35	58.92 1.62 -1.45	58.88 1.62 -1.42	59.58 1.68 -1.94
ONEIDA___115KV_TB4 55905	84.47 2.86 0.00	83.49 2.90 0.00	76.81 2.60 0.00	72.53 2.39 0.00	73.38 2.41 0.00	77.00 2.68 0.00	72.95 2.67 0.00	67.98 2.54 -0.40	74.26 2.72 0.00	79.96 2.70 0.00	89.73 3.01 -0.75	86.55 2.63 -1.59	86.38 2.71 -1.51	83.98 2.63 -1.54	80.33 2.45 -3.76	67.63 2.12 -3.01	71.40 2.17 -3.52	77.18 2.69 -1.85	75.40 2.62 -3.79	68.14 2.28 -4.19	75.48 2.45 -3.04	60.84 1.73 -3.27	60.70 1.68 -3.18	62.12 1.79 -4.37
ONONDAGA_REF_OCCRA 23987	80.80 -0.82 0.00	79.87 -0.73 0.00	73.47 -0.74 0.00	69.31 -0.84 0.00	70.19 -0.78 0.00	73.43 -0.89 0.00	69.51 -0.77 0.00	65.02 -0.78 -0.76	70.61 -0.93 0.00	78.40 -1.00 -2.14	88.74 -1.12 -3.89	86.44 -1.15 -5.27	86.39 -1.07 -5.31	84.05 -1.04 -5.28	80.31 -0.96 -7.15	70.11 -0.75 -8.37	73.89 -0.66 -8.84	79.91 0.00 -7.28	79.62 0.07 -10.56	71.78 0.00 -10.12	77.77 -0.14 -7.92	65.28 -0.34 -9.77	63.42 -0.39 -7.96	64.05 -0.22 -8.31
ONONDAGA___COGEN 23986	81.13 -0.49 0.00	80.19 -0.40 0.00	73.77 -0.45 0.00	69.59 -0.56 0.00	70.47 -0.50 0.00	73.73 -0.59 0.00	69.79 -0.49 0.00	65.31 -0.46 -0.72	70.97 -0.57 0.00	78.59 -0.70 -2.02	88.57 -0.77 -3.37	86.48 -0.74 -4.90	86.25 -0.66 -4.76	83.89 -0.72 -4.80	80.32 -0.59 -6.78	69.51 -0.44 -7.46	73.69 -0.39 -8.38	79.81 0.29 -6.89	79.34 0.34 -10.01	71.56 0.31 -9.59	77.71 0.21 -7.51	63.65 -0.11 -7.92	63.22 -0.17 -7.55	63.85 0.00 -7.89
ONTARIO___LFGE 23819	81.45 -0.16 0.00	80.59 0.00 0.00	74.14 -0.07 0.00	69.80 -0.35 0.00	70.62 -0.35 0.00	73.88 -0.44 0.00	69.79 -0.49 0.00	65.10 -0.91 -0.96	70.39 -1.15 0.00	78.75 -1.31 -2.81	87.18 -2.06 -3.27	86.68 -1.89 -6.25	85.37 -2.05 -5.27	83.54 -1.92 -5.65	81.78 -1.41 -9.07	69.30 -1.19 -8.00	76.02 -0.98 -11.30	80.33 -0.43 -8.13	80.42 -0.34 -11.78	72.93 0.00 -11.26	78.47 -0.35 -8.83	58.61 -0.67 -3.43	64.04 -0.67 -8.87	65.08 -0.11 -9.23
ORANGEVILLE_WT_PWR 323706	79.85 -3.18 -1.42	78.04 -2.98 -0.43	73.11 -2.74 -1.64	67.82 -3.08 -0.76	68.37 -3.26 -0.67	71.46 -3.79 -0.92	67.88 -4.29 -1.88	62.99 -5.33 -3.28	68.93 -5.79 -3.18	76.44 -6.41 -5.60	82.90 -7.99 -4.92	82.63 -7.49 -7.80	81.31 -7.73 -6.88	79.92 -7.34 -7.45	78.69 -6.60 -11.17	66.94 -5.75 -10.20	74.12 -5.78 -14.19	77.71 -5.37 -10.45	78.81 -5.25 -15.07	71.55 -4.50 -14.38	75.89 -5.39 -11.28	56.33 -5.03 -5.51	62.54 -4.63 -11.33	64.34 -3.36 -11.73
ORANGEVILLE___ESR 323794	79.85 -3.18 -1.42	78.04 -2.98 -0.43	73.11 -2.74 -1.64	67.82 -3.08 -0.76	68.37 -3.26 -0.67	71.46 -3.79 -0.92	67.88 -4.29 -1.88	62.99 -5.33 -3.28	68.93 -5.79 -3.18	76.44 -6.41 -5.60	82.90 -7.99 -4.92	82.63 -7.49 -7.80	81.31 -7.73 -6.88	79.92 -7.34 -7.45	78.69 -6.60 -11.17	66.94 -5.75 -10.20	74.12 -5.78 -14.19	77.71 -5.37 -10.45	78.81 -5.25 -15.07	71.55 -4.50 -14.38	75.89 -5.39 -11.28	56.33 -5.03 -5.51	62.54 -4.63 -11.33	64.34 -3.36 -11.73
OSWEGATCHIE___HYD 24044	82.84 1.23 0.00	81.88 1.29 0.00	75.40 1.18 0.00	71.41 1.26 0.00	72.18 1.21 0.00	75.51 1.19 0.00	71.40 1.12 0.00	66.60 1.37 -0.19	72.76 1.22 0.00	78.03 0.77 0.00	87.01 0.68 -0.36	83.66 0.58 -0.76	83.53 0.65 -0.72	81.26 0.72 -0.73	76.37 0.45 -1.79	64.24 0.31 -1.44	67.52 0.13 -1.68	73.21 -0.14 -0.72	70.33 -0.14 -1.48	63.17 -0.12 -1.63	71.32 0.14 -1.18	57.51 0.39 -1.27	57.64 0.56 -1.24	58.17 0.50 -1.70
OSWEGO___5 23606	79.25 -2.37 0.00	78.25 -2.34 0.00	72.06 -2.15 0.00	67.97 -2.18 0.00	68.84 -2.13 0.00	72.02 -2.30 0.00	68.10 -2.18 0.00	63.55 -2.02 -0.52	69.18 -2.36 0.00	74.63 -2.63 0.00	84.12 -2.83 -0.98	81.69 -2.71 -2.09	81.43 -2.71 -1.98	79.19 -2.63 -2.02	76.67 -2.37 -4.92	64.43 -2.00 -3.94	68.28 -2.04 -4.61	72.79 -1.74 -1.90	71.29 -1.58 -3.89	64.55 -1.42 -4.30	71.36 -1.75 -3.12	57.63 -1.56 -3.35	57.55 -1.56 -3.26	59.05 -1.40 -4.48

OSWEGO___6 23613	79.25 -2.37 0.00	78.25 -2.34 0.00	72.06 -2.15 0.00	67.97 -2.18 0.00	68.84 -2.13 0.00	72.02 -2.30 0.00	68.10 -2.18 0.00	63.55 -2.02 -0.52	69.18 -2.36 0.00	74.63 -2.63 0.00	84.12 -2.83 -0.98	81.69 -2.71 -2.09	81.43 -2.71 -1.98	79.19 -2.63 -2.02	76.67 -2.37 -4.92	64.43 -2.00 -3.94	68.28 -2.04 -4.61	72.79 -1.74 -1.90	71.29 -1.58 -3.89	64.55 -1.42 -4.30	71.36 -1.75 -3.12	57.63 -1.56 -3.35	57.55 -1.56 -3.26	59.05 -1.40 -4.48
OUTOKUMPU-AB___DRP 24206	77.29 -4.33 0.00	76.24 -4.35 0.00	70.35 -3.86 0.00	66.36 -3.79 0.00	67.07 -3.90 0.00	69.86 -4.46 0.00	65.01 -5.27 0.00	59.83 -6.24 -1.03	64.53 -7.01 0.00	72.15 -8.11 -3.00	80.80 -9.11 -3.94	80.48 -8.64 -6.81	79.47 -8.71 -6.02	77.43 -8.70 -6.32	75.95 -7.86 -9.68	64.91 -6.81 -9.23	70.75 -7.03 -12.07	76.12 -6.54 -10.03	77.10 -6.35 -14.46	70.04 -5.43 -13.80	74.31 -6.51 -10.83	56.89 -6.03 -7.08	61.08 -5.64 -10.87	63.19 -4.03 -11.26
OXBOW___BTM 323836	76.31 -5.30 0.00	75.43 -5.16 0.00	69.54 -4.67 0.00	65.45 -4.70 0.00	66.07 -4.90 0.00	68.97 -5.35 0.00	64.10 -6.19 0.00	59.17 -6.90 -1.02	63.38 -8.16 0.00	71.11 -9.12 -2.97	80.17 -9.72 -3.92	80.02 -9.06 -6.75	78.69 -9.44 -5.98	76.91 -9.17 -6.28	75.43 -8.30 -9.61	64.41 -7.25 -9.17	70.26 -7.43 -11.97	74.26 -7.04 -8.67	74.71 -6.83 -12.56	67.81 -5.86 -12.01	72.41 -7.00 -9.41	55.04 -6.48 -5.67	59.27 -6.03 -9.45	61.43 -4.37 -9.84
OXBOW____ 24026	76.31 -5.31 0.00	75.35 -5.24 0.00	69.46 -4.75 0.00	65.59 -4.56 0.00	66.36 -4.61 0.00	69.05 -5.28 0.00	64.10 -6.18 0.00	59.17 -6.89 -1.02	63.53 -8.01 0.00	71.12 -9.12 -2.97	80.09 -9.80 -3.92	79.94 -9.14 -6.75	78.93 -9.20 -5.98	76.90 -9.18 -6.28	75.43 -8.30 -9.61	64.41 -7.25 -9.17	70.26 -7.43 -11.97	75.60 -6.97 -9.94	76.50 -6.83 -14.34	69.49 -5.86 -13.69	73.73 -7.00 -10.74	56.49 -6.42 -7.07	60.60 -6.03 -10.78	62.76 -4.37 -11.17
OXY_CHEM_DSASP 323612	75.82 -5.79 0.00	74.87 -5.72 0.00	69.02 -5.19 0.00	65.24 -4.91 0.00	65.93 -5.04 0.00	68.60 -5.72 0.00	63.60 -6.68 0.00	58.71 -7.35 -1.01	62.96 -8.58 0.00	70.39 -9.81 -2.95	79.12 -10.75 -3.89	79.06 -9.96 -6.70	78.07 -10.02 -5.94	76.06 -9.98 -6.23	74.68 -8.97 -9.53	63.73 -7.87 -9.11	69.50 -8.08 -11.87	74.79 -7.70 -9.86	75.69 -7.52 -14.22	68.76 -6.47 -13.57	72.94 -7.70 -10.65	55.92 -6.98 -7.06	60.00 -6.53 -10.69	62.17 -4.87 -11.07
OZONE_PARK_ESR 323760	92.65 5.55 -5.49	87.41 5.16 -1.66	85.25 4.68 -6.36	77.50 4.42 -2.93	78.08 4.54 -2.57	82.80 4.91 -3.58	82.56 4.99 -7.28	83.57 4.62 -13.90	89.28 5.44 -12.30	107.36 6.18 -23.92	122.31 7.14 -29.21	128.05 6.75 -38.98	127.39 6.74 -38.50	125.79 6.54 -39.44	134.90 6.15 -54.62	127.27 5.19 -59.59	139.10 5.52 -67.87	146.07 6.17 -67.26	155.01 5.93 -80.09	143.98 5.30 -77.02	136.26 6.09 -60.18	123.98 4.64 -63.50	120.79 4.41 -60.54	123.93 4.20 -63.77
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	75.82 -5.79 0.00	74.87 -5.72 0.00	69.02 -5.19 0.00	65.24 -4.91 0.00	65.93 -5.04 0.00	68.60 -5.72 0.00	63.60 -6.68 0.00	58.71 -7.35 -1.01	62.96 -8.58 0.00	70.39 -9.81 -2.95	79.12 -10.75 -3.89	79.06 -9.96 -6.70	78.07 -10.02 -5.94	76.06 -9.98 -6.23	74.68 -8.97 -9.53	63.73 -7.87 -9.11	69.50 -8.08 -11.87	74.79 -7.70 -9.86	75.69 -7.52 -14.22	68.76 -6.47 -13.57	72.94 -7.70 -10.65	55.92 -6.98 -7.06	60.00 -6.53 -10.69	62.17 -4.87 -11.07
PACKARD__115KV_DUPONT_184 80571	75.82 -5.79 0.00	74.87 -5.72 0.00	69.02 -5.19 0.00	65.24 -4.91 0.00	65.93 -5.04 0.00	68.60 -5.72 0.00	63.60 -6.68 0.00	58.71 -7.35 -1.01	62.96 -8.58 0.00	70.39 -9.81 -2.95	79.12 -10.75 -3.89	79.06 -9.96 -6.70	78.07 -10.02 -5.94	76.06 -9.98 -6.23	74.68 -8.97 -9.53	63.73 -7.87 -9.11	69.50 -8.08 -11.87	74.79 -7.70 -9.86	75.69 -7.52 -14.22	68.76 -6.47 -13.57	72.94 -7.70 -10.65	55.92 -6.98 -7.06	60.00 -6.53 -10.69	62.17 -4.87 -11.07
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	92.66 5.55 -5.50	87.50 5.24 -1.67	85.18 4.60 -6.36	77.43 4.35 -2.93	77.94 4.40 -2.57	82.65 4.76 -3.58	82.42 4.85 -7.28	83.05 4.10 -13.90	88.64 4.79 -12.30	106.82 5.64 -23.92	121.71 6.53 -29.21	127.31 6.01 -38.98	126.65 6.00 -38.50	125.07 5.83 -39.44	134.24 5.49 -54.63	126.71 4.62 -59.59	138.58 4.99 -67.87	145.56 5.67 -67.26	154.54 5.45 -80.10	143.49 4.81 -77.02	135.70 5.53 -60.18	123.65 4.30 -63.50	120.52 4.13 -60.54	123.65 3.92 -63.78
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	93.23 6.12 -5.50	88.06 5.80 -1.67	85.69 5.12 -6.36	77.92 4.84 -2.93	78.44 4.90 -2.57	83.17 5.28 -3.58	82.91 5.34 -7.28	83.44 4.49 -13.90	89.14 5.29 -12.30	107.29 6.10 -23.92	122.23 7.05 -29.21	127.80 6.50 -38.98	127.31 6.65 -38.50	125.63 6.38 -39.44	134.76 6.00 -54.63	127.14 5.06 -59.59	139.04 5.45 -67.87	146.07 6.17 -67.26	155.02 5.93 -80.10	143.92 5.24 -77.02	136.19 6.02 -60.18	124.04 4.69 -63.50	120.91 4.52 -60.54	124.10 4.37 -63.78
PATROON__115KV_TB1 80586	124.03 3.75 -38.66	96.06 3.79 -11.68	122.52 3.49 -44.82	94.12 3.30 -20.68	92.43 3.34 -18.12	103.01 3.49 -25.19	124.77 3.16 -51.32	132.12 2.80 -64.27	161.38 3.15 -86.69	186.58 3.48 -105.85	170.01 4.13 -79.91	163.68 3.95 -77.41	166.89 3.94 -80.79	168.86 3.83 -85.22	145.28 3.56 -67.60	168.41 3.00 -102.92	187.04 3.02 -118.31	282.32 3.27 -206.42	216.38 3.27 -144.36	188.50 2.71 -124.12	176.60 3.22 -103.38	165.83 2.51 -107.47	159.11 2.62 -100.64	137.03 2.52 -78.55
PATTRSNVILLE__SOLAR 323815	149.66 4.24 -63.81	103.98 4.11 -19.28	151.97 3.78 -73.98	107.85 3.58 -34.12	104.49 3.62 -29.91	119.76 3.86 -41.57	158.78 3.79 -84.71	170.29 3.45 -101.80	218.48 3.86 -143.08	247.76 4.17 -166.33	205.93 4.47 -115.49	188.88 4.28 -102.28	195.24 4.35 -108.73	199.79 4.23 -115.76	149.27 3.93 -71.22	195.02 3.37 -129.16	218.43 3.61 -149.10	382.73 4.07 -306.03	257.20 3.86 -184.35	216.50 3.45 -151.39	203.40 3.85 -129.56	192.61 2.90 -133.86	183.17 2.90 -124.42	141.47 2.85 -82.66
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	77.94 -3.67 0.00	76.97 -3.63 0.00	71.10 -3.12 0.00	66.92 -3.23 0.00	67.71 -3.26 0.00	70.53 -3.79 0.00	65.92 -4.36 0.00	59.45 -6.70 -1.11	65.75 -5.79 0.00	73.86 -6.64 -3.25	80.79 -9.37 -4.19	80.26 -9.38 -7.33	79.14 -9.45 -6.44	77.33 -9.26 -6.78	76.17 -8.38 -10.43	65.03 -7.31 -9.85	71.23 -7.49 -13.01	76.34 -7.12 -10.83	77.69 -6.90 -15.60	70.56 -5.98 -14.88	74.60 -7.07 -11.68	56.75 -6.42 -7.33	61.42 -6.14 -11.72	63.43 -4.64 -12.12
PAWLING_115_KV_BK3_REV_LBMP_H 345028	92.93 5.63 -5.68	87.87 5.56 -1.72	85.85 5.05 -6.59	78.03 4.84 -3.04	78.53 4.90 -2.66	83.30 5.28 -3.70	82.95 5.13 -7.54	84.01 4.68 -14.28	89.93 5.65 -12.74	108.15 6.41 -24.48	122.76 7.05 -29.73	128.68 6.75 -39.61	128.11 6.82 -39.14	126.45 6.54 -40.11	135.77 6.15 -55.49	128.23 5.19 -60.55	140.27 5.59 -68.98	147.20 6.17 -68.39	156.00 5.93 -81.08	144.83 5.24 -77.92	136.64 5.74 -60.91	124.46 4.36 -64.26	121.52 4.41 -61.26	124.60 4.20 -64.44
PEEKSKILL____ 23653	91.46 4.40 -5.44	86.34 4.11 -1.64	84.30 3.78 -6.30	76.63 3.58 -2.91	77.21 3.69 -2.55	81.88 4.01 -3.54	81.50 4.00 -7.22	82.46 3.64 -13.78	88.10 4.36 -12.19	105.90 4.95 -23.69	120.57 5.67 -28.93	126.37 5.43 -38.62	125.72 5.42 -38.14	124.14 5.27 -39.07	133.24 4.97 -54.15	125.66 4.12 -59.05	137.44 4.47 -67.26	143.98 4.94 -66.40	152.83 4.76 -79.09	141.97 4.25 -76.06	134.24 4.83 -59.43	122.24 3.68 -62.71	119.21 3.58 -59.78	122.36 3.41 -62.99

PGE MADISON___WINDPWR 24146	94.42 8.98 -3.83	90.69 8.94 -1.16	86.59 7.94 -4.44	79.49 7.30 -2.05	79.93 7.16 -1.79	84.47 7.66 -2.49	82.74 7.38 -5.08	79.40 6.83 -7.53	87.28 7.15 -8.58	97.68 7.26 -13.16	108.32 7.90 -14.44	104.64 6.83 -15.50	105.30 6.57 -16.57	102.80 6.30 -16.69	97.57 5.79 -17.66	91.78 5.06 -24.23	95.90 5.52 -24.67	109.19 7.04 -29.51	104.30 6.90 -28.42	93.97 6.17 -26.14	97.59 6.65 -20.94	89.92 4.80 -29.27	81.33 4.69 -20.80	80.69 5.04 -19.69
PIERCEFIELD___HYD 23852	81.62 0.00 0.00	80.67 0.08 0.00	74.43 0.22 0.00	70.50 0.35 0.00	71.25 0.28 0.00	74.40 0.07 0.00	70.42 0.14 0.00	65.48 0.33 -0.10	71.54 0.00 0.00	77.03 -0.23 0.00	85.57 -0.60 -0.19	82.24 -0.49 -0.41	81.97 -0.58 -0.39	79.89 -0.32 -0.40	74.58 -0.52 -0.98	62.77 -0.50 -0.78	65.64 -0.99 -0.91	71.08 -2.03 -0.48	67.97 -2.00 -0.98	61.02 -1.73 -1.09	69.45 -1.33 -0.79	56.25 -0.45 -0.85	56.56 -0.11 -0.83	56.87 -0.22 -1.13
PINELAWN_CC_1 323563	121.85 7.10 -33.13	96.05 6.77 -8.69	94.49 6.16 -14.12	89.32 5.82 -13.35	89.34 5.96 -12.41	95.24 6.46 -14.45	133.03 6.33 -56.42	142.31 5.66 -71.61	138.17 6.72 -59.91	140.52 7.34 -55.92	164.44 8.08 -70.39	166.86 7.82 -76.72	164.12 7.89 -74.08	167.68 7.59 -80.29	163.08 7.19 -81.77	168.82 6.06 -100.27	176.40 6.57 -104.11	182.83 7.33 -102.86	185.91 7.04 -109.88	176.07 6.17 -108.24	167.90 6.65 -91.26	151.02 5.42 -89.76	144.40 5.25 -83.31	136.77 5.09 -75.72
PJM_GEN_HTP_PROXY 323702	92.00 4.90 -5.49	86.76 4.51 -1.66	84.73 4.15 -6.36	77.01 3.93 -2.93	77.58 4.04 -2.57	82.28 4.38 -3.58	82.07 4.50 -7.28	83.05 4.10 -13.90	88.71 4.87 -12.30	106.67 5.49 -23.92	121.45 6.27 -29.20	127.30 6.01 -38.97	126.64 5.99 -38.50	124.99 5.75 -39.44	134.23 5.49 -54.62	126.70 4.62 -59.59	138.50 4.93 -67.86	145.17 5.45 -67.09	154.12 5.24 -79.90	143.18 4.68 -76.84	135.42 5.39 -60.04	123.33 4.13 -63.35	120.15 3.91 -60.40	123.34 3.75 -63.63
PJM_GEN_KEystone 24065	63.20 -0.16 18.25	62.40 -0.16 18.03	60.75 -0.15 13.31	59.60 -0.28 10.27	62.30 -0.28 8.39	58.00 -0.30 16.03	73.57 -0.42 -3.71	72.82 -1.11 -8.88	69.70 -0.93 0.91	68.80 -1.01 7.45	68.86 -1.46 15.65	68.34 -1.23 12.75	69.31 -1.32 11.53	64.87 -1.28 13.65	65.81 -1.11 7.20	66.62 -1.00 -5.13	71.57 -0.92 -6.78	85.46 -0.58 -13.41	81.04 -0.55 -12.61	75.85 -0.43 -14.62	73.02 -0.56 -3.59	71.75 -0.90 -16.80	67.03 -0.78 -11.97	60.70 -0.33 -5.07
PJM_GEN_NEPTUNE_PROXY 323594	107.83 5.71 -20.50	91.47 5.40 -5.48	89.76 4.97 -10.58	83.44 4.70 -8.59	83.71 4.83 -7.91	89.01 5.20 -9.48	109.45 5.20 -33.96	114.97 4.69 -45.23	115.20 5.51 -38.15	124.66 6.10 -41.29	144.42 6.88 -51.57	148.37 6.59 -59.47	146.62 6.65 -57.82	147.81 6.39 -61.62	149.49 6.00 -69.36	149.22 5.06 -81.67	158.64 5.39 -87.54	165.17 6.03 -86.51	170.95 5.80 -96.17	160.72 5.18 -93.88	152.86 5.88 -76.98	138.05 4.52 -77.68	133.09 4.41 -72.83	130.40 4.25 -70.19
PJM_GEN_VFT_PROXY 323633	68.53 4.32 17.41	65.67 4.03 18.95	65.67 3.64 12.18	65.67 3.44 7.92	65.67 3.55 8.85	65.67 3.94 12.59	65.67 4.00 8.62	65.67 3.71 3.08	65.67 4.44 10.31	65.93 5.02 16.35	73.17 5.76 18.56	73.18 5.52 14.65	73.17 5.50 14.49	73.17 5.27 11.90	73.17 5.04 6.00	73.18 4.19 -6.50	56.65 4.53 13.60	44.43 5.01 33.21	43.43 4.83 30.39	44.27 4.31 21.71	74.18 4.97 0.78	73.17 3.74 -13.58	73.17 3.58 -13.75	73.17 3.36 -13.85
PLATSBURG_115KV_PMLD1 355749	82.35 0.73 0.00	81.40 0.81 0.00	75.33 1.11 0.00	71.41 1.26 0.00	72.18 1.21 0.00	75.36 1.04 0.00	70.77 0.49 0.00	65.57 0.52 0.00	71.83 0.29 0.00	77.57 0.31 0.00	85.89 -0.09 0.00	82.40 0.08 0.00	82.24 0.08 0.00	80.04 0.24 0.00	73.98 -0.15 0.00	62.43 -0.06 0.00	65.51 -0.20 0.00	71.55 -1.09 0.00	67.75 -1.24 0.00	60.68 -0.99 0.00	69.29 -0.70 0.00	55.57 -0.28 0.00	55.62 -0.22 0.00	56.19 0.22 0.00
PLEASANTVLY___LBMP 24000	91.67 4.24 -5.81	86.46 4.11 -1.76	84.66 3.71 -6.73	76.83 3.58 -3.11	77.31 3.62 -2.72	82.05 3.94 -3.78	81.93 3.94 -7.71	83.27 3.58 -14.65	88.79 4.22 -13.02	107.09 4.71 -25.12	121.89 5.33 -30.58	128.21 5.10 -40.79	127.54 5.09 -40.29	126.04 4.95 -41.29	135.92 4.60 -57.20	128.74 3.87 -62.37	140.97 4.21 -71.05	147.62 4.65 -70.33	157.01 4.48 -83.54	145.91 3.95 -80.31	137.23 4.48 -62.76	125.47 3.41 -66.22	122.38 3.41 -63.13	125.66 3.25 -66.45
PLSNTVLE_13_KV_13.8KVDIST 80602	92.04 4.90 -5.53	86.78 4.51 -1.67	84.70 4.08 -6.41	76.96 3.86 -2.96	77.54 3.97 -2.59	82.24 4.31 -3.60	81.91 4.29 -7.34	82.97 3.90 -14.02	88.59 4.65 -12.40	106.61 5.25 -24.09	121.43 6.02 -29.43	127.30 5.68 -39.30	126.72 5.75 -38.82	125.08 5.51 -39.77	134.45 5.19 -55.13	126.97 4.37 -60.11	138.90 4.73 -68.46	145.58 5.23 -67.72	154.68 5.04 -80.66	143.73 4.50 -77.57	135.64 5.04 -60.61	123.82 4.02 -63.95	120.61 3.80 -60.97	123.83 3.64 -64.24
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	92.04 4.90 -5.53	86.78 4.51 -1.67	84.70 4.08 -6.41	76.96 3.86 -2.96	77.54 3.97 -2.59	82.24 4.31 -3.60	81.91 4.29 -7.34	82.97 3.90 -14.02	88.59 4.65 -12.40	106.61 5.25 -24.09	121.43 6.02 -29.43	127.30 5.68 -39.30	126.72 5.75 -38.82	125.08 5.51 -39.77	134.45 5.19 -55.13	126.97 4.37 -60.11	138.90 4.73 -68.46	145.58 5.23 -67.72	154.68 5.04 -80.66	143.73 4.50 -77.57	135.64 5.04 -60.61	123.82 4.02 -63.95	120.61 3.80 -60.97	123.83 3.64 -64.24
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	92.79 4.98 -6.19	87.30 4.84 -1.87	85.77 4.38 -7.18	77.67 4.21 -3.31	78.13 4.26 -2.90	82.96 4.61 -4.03	83.07 4.57 -8.22	84.30 4.16 -15.09	90.36 4.94 -13.88	108.56 5.49 -25.82	122.67 6.02 -30.68	128.54 5.76 -40.46	127.94 5.75 -40.03	126.45 5.59 -41.06	135.48 5.26 -56.09	128.55 4.44 -61.62	140.79 4.86 -70.21	148.90 5.37 -70.89	156.79 5.17 -82.63	145.43 4.56 -79.21	137.10 5.11 -62.00	125.09 3.85 -65.39	122.01 3.85 -62.31	124.76 3.64 -65.16
POLETTI___ 23519	91.84 4.73 -5.49	86.68 4.43 -1.66	84.58 4.01 -6.36	76.94 3.86 -2.93	77.45 3.90 -2.57	82.13 4.24 -3.58	81.92 4.36 -7.28	82.92 3.97 -13.90	88.50 4.65 -12.30	106.51 5.33 -23.92	121.37 6.19 -29.21	127.14 5.84 -38.98	126.57 5.92 -38.50	124.91 5.67 -39.44	134.09 5.34 -54.62	126.58 4.50 -59.59	138.38 4.80 -67.87	145.20 5.30 -67.26	154.18 5.11 -80.09	143.24 4.56 -77.02	135.42 5.25 -60.18	123.36 4.02 -63.50	120.24 3.85 -60.54	123.37 3.64 -63.77
POMONA___ESR 323819	90.90 4.00 -5.29	85.98 3.79 -1.60	83.76 3.42 -6.13	76.27 3.30 -2.83	76.78 3.34 -2.48	81.41 3.64 -3.44	81.02 3.72 -7.02	81.84 3.38 -13.41	87.47 4.08 -11.85	104.87 4.56 -23.05	119.57 5.42 -28.18	125.15 5.19 -37.64	124.59 5.26 -37.17	122.92 5.03 -38.08	131.69 4.75 -52.81	124.06 4.00 -57.57	135.62 4.34 -65.57	142.08 4.79 -64.65	150.66 4.62 -77.05	139.84 4.07 -74.11	132.51 4.62 -57.90	120.46 3.52 -61.09	117.56 3.46 -58.25	120.59 3.24 -61.38
PORT_JEFF_3 23555	122.58 7.84 -33.13	96.78 7.50 -8.69	95.16 6.82 -14.12	90.02 6.53 -13.35	89.98 6.60 -12.41	95.98 7.21 -14.45	133.84 7.10 -56.46	143.20 6.50 -71.65	138.67 7.22 -59.91	140.98 7.80 -55.92	165.35 8.94 -70.43	167.44 8.40 -76.72	164.62 8.38 -74.08	168.08 7.98 -80.29	163.53 7.64 -81.77	169.20 6.44 -100.27	176.79 6.96 -104.11	183.19 7.70 -102.86	186.17 7.31 -109.88	176.60 6.66 -108.28	168.71 7.42 -91.30	151.36 5.75 -89.76	144.79 5.64 -83.31	137.17 5.49 -75.72

PORT_JEFF_4 23616	122.58 7.84 -33.13	96.78 7.50 -8.69	95.16 6.82 -14.12	90.02 6.53 -13.35	89.98 6.60 -12.41	95.98 7.21 -14.45	133.84 7.10 -56.46	143.20 6.50 -71.65	138.67 7.22 -59.91	140.98 7.80 -55.92	165.35 8.94 -70.43	167.44 8.40 -76.72	164.62 8.38 -74.08	168.08 7.98 -80.29	163.53 7.64 -81.77	169.20 6.44 -100.27	176.79 6.96 -104.11	183.19 7.70 -102.86	186.17 7.31 -109.88	176.60 6.66 -108.28	168.71 7.42 -91.30	151.36 5.75 -89.76	144.79 5.64 -83.31	137.17 5.49 -75.72
PORT_JEFF_IC 23713	122.58 7.84 -33.13	96.86 7.58 -8.69	95.24 6.90 -14.12	90.02 6.52 -13.35	90.05 6.67 -12.41	95.98 7.21 -14.45	133.91 7.17 -56.46	143.20 6.50 -71.65	138.60 7.15 -59.91	141.06 7.88 -55.92	165.52 9.11 -70.44	167.51 8.48 -76.72	164.70 8.46 -74.08	168.16 8.06 -80.29	163.60 7.71 -81.77	169.32 6.56 -100.27	176.79 6.97 -104.11	183.43 7.77 -103.02	186.43 7.38 -110.06	176.83 6.72 -108.45	169.06 7.63 -91.43	151.61 5.86 -89.90	144.98 5.70 -83.44	137.35 5.54 -75.85
PPL PILGRIM_ST_GT1 24216	123.40 8.65 -33.13	97.58 8.30 -8.69	95.91 7.57 -14.12	90.66 7.16 -13.35	90.62 7.24 -12.41	96.58 7.80 -14.45	134.01 7.31 -56.42	142.96 6.31 -71.61	139.53 8.08 -59.91	141.91 8.73 -55.92	165.31 8.94 -70.40	168.25 9.22 -76.72	165.43 9.20 -74.08	169.03 8.94 -80.29	164.27 8.37 -81.77	169.88 7.12 -100.27	177.44 7.62 -104.11	184.06 8.57 -102.86	187.07 8.21 -109.88	176.93 7.03 -108.24	167.62 6.37 -91.26	151.91 6.31 -89.76	145.24 6.09 -83.31	137.61 5.93 -75.72
PPL PILGRIM_ST_GT2 24217	123.40 8.65 -33.13	97.58 8.30 -8.69	95.91 7.57 -14.12	90.66 7.16 -13.35	90.62 7.24 -12.41	96.58 7.80 -14.45	134.01 7.31 -56.42	142.96 6.31 -71.61	139.53 8.08 -59.91	141.91 8.73 -55.92	165.31 8.94 -70.40	168.25 9.22 -76.72	165.43 9.20 -74.08	169.03 8.94 -80.29	164.27 8.37 -81.77	169.88 7.12 -100.27	177.44 7.62 -104.11	184.06 8.57 -102.86	187.07 8.21 -109.88	176.93 7.03 -108.24	167.62 6.37 -91.26	151.91 6.31 -89.76	145.24 6.09 -83.31	137.61 5.93 -75.72
PPL_SHRM_GT3 24213	122.83 8.08 -33.13	97.09 7.82 -8.69	95.46 7.13 -14.12	90.30 6.80 -13.35	90.34 6.96 -12.41	96.36 7.58 -14.45	134.27 7.52 -56.46	143.66 6.96 -71.65	138.53 7.08 -59.91	140.60 7.42 -55.92	165.51 9.11 -70.43	167.35 8.31 -76.72	164.53 8.29 -74.08	167.76 7.66 -80.29	163.46 7.56 -81.77	169.14 6.38 -100.27	176.66 6.83 -104.11	182.98 7.48 -102.86	185.91 7.04 -109.88	176.66 6.72 -108.28	168.99 7.70 -91.30	151.30 5.70 -89.76	144.90 5.75 -83.31	137.28 5.60 -75.72
PPL_SHRM_GT4 24214	122.83 8.08 -33.13	97.09 7.82 -8.69	95.46 7.13 -14.12	90.30 6.80 -13.35	90.34 6.96 -12.41	96.36 7.58 -14.45	134.27 7.52 -56.46	143.66 6.96 -71.65	138.53 7.08 -59.91	140.60 7.42 -55.92	165.51 9.11 -70.43	167.35 8.31 -76.72	164.53 8.29 -74.08	167.76 7.66 -80.29	163.46 7.56 -81.77	169.14 6.38 -100.27	176.66 6.83 -104.11	182.98 7.48 -102.86	185.91 7.04 -109.88	176.66 6.72 -108.28	168.99 7.70 -91.30	151.30 5.70 -89.76	144.90 5.75 -83.31	137.28 5.60 -75.72
PROJECT___ORANGE 1 24174	80.23 -1.39 0.00	79.30 -1.29 0.00	72.95 -1.26 0.00	68.89 -1.26 0.00	69.69 -1.28 0.00	72.98 -1.34 0.00	69.02 -1.27 0.00	64.46 -1.24 -0.65	70.11 -1.43 0.00	75.64 -1.62 0.00	85.47 -1.72 -1.21	83.25 -1.65 -2.58	83.05 -1.56 -2.45	80.70 -1.60 -2.49	78.81 -1.41 -6.09	66.18 -1.19 -4.88	70.30 -1.12 -5.70	75.20 -0.44 -3.00	74.79 -0.34 -6.15	68.08 -0.37 -6.79	74.36 -0.56 -4.92	60.41 -0.73 -5.29	60.27 -0.73 -5.15	62.48 -0.56 -7.08
PROJECT___ORANGE 2 24166	80.23 -1.39 0.00	79.30 -1.29 0.00	72.95 -1.26 0.00	68.89 -1.26 0.00	69.69 -1.28 0.00	72.98 -1.34 0.00	69.02 -1.27 0.00	64.46 -1.24 -0.65	70.11 -1.43 0.00	75.64 -1.62 0.00	85.47 -1.72 -1.21	83.25 -1.65 -2.58	83.05 -1.56 -2.45	80.70 -1.60 -2.49	78.81 -1.41 -6.09	66.18 -1.19 -4.88	70.30 -1.12 -5.70	75.20 -0.44 -3.00	74.79 -0.34 -6.15	68.08 -0.37 -6.79	74.36 -0.56 -4.92	60.41 -0.73 -5.29	60.27 -0.73 -5.15	62.48 -0.56 -7.08
PUCKETT___SOLAR 323809	87.30 2.45 -3.24	84.07 2.50 -0.98	80.12 2.15 -3.75	73.78 1.89 -1.73	74.33 1.84 -1.52	78.36 1.93 -2.11	76.40 1.82 -4.30	73.19 1.37 -6.78	80.31 1.50 -7.26	90.52 1.46 -11.80	99.51 1.29 -12.24	98.45 1.15 -14.98	98.21 1.07 -14.99	96.29 1.03 -15.45	93.95 1.04 -18.79	85.50 0.94 -22.07	91.97 1.12 -25.14	102.33 1.82 -27.88	99.58 1.79 -28.80	90.18 1.60 -26.92	92.97 1.61 -21.37	79.26 0.95 -22.46	78.12 0.95 -21.32	78.19 1.23 -21.00
PYRITES___HYD 24023	82.84 1.22 0.00	81.88 1.29 0.00	75.55 1.34 0.00	71.55 1.40 0.00	72.25 1.28 0.00	75.44 1.11 0.00	71.41 1.12 0.00	66.44 1.30 -0.10	72.54 1.00 0.00	77.95 0.70 0.00	86.58 0.43 -0.18	83.11 0.41 -0.39	82.85 0.33 -0.37	80.74 0.56 -0.37	75.33 0.30 -0.91	63.59 0.37 -0.73	66.69 0.13 -0.85	72.36 -0.73 -0.45	69.15 -0.76 -0.92	62.12 -0.55 -1.01	70.59 -0.14 -0.73	57.08 0.45 -0.79	57.34 0.73 -0.77	57.63 0.62 -1.06
QUAKERRD_115KV_BK1 80622	77.70 -3.92 0.00	76.64 -3.95 0.00	70.65 -3.56 0.00	66.64 -3.51 0.00	67.42 -3.55 0.00	70.53 -3.79 0.00	66.28 -4.01 0.00	62.09 -3.77 -0.82	66.89 -4.65 0.00	74.41 -5.18 -2.33	83.87 -5.42 -3.32	82.73 -5.02 -5.43	82.09 -5.01 -4.94	79.90 -5.03 -5.13	77.30 -4.52 -7.69	66.20 -3.94 -7.65	71.30 -3.94 -9.54	77.17 -3.34 -7.87	77.15 -3.24 -11.41	69.74 -2.84 -10.91	75.04 -3.50 -8.55	59.12 -3.35 -6.62	61.14 -3.29 -8.59	62.27 -2.63 -8.94
QUENSBRY_115KV_TB8 356137	148.56 7.10 -59.84	105.53 6.85 -18.08	149.97 6.38 -69.38	108.19 6.03 -32.00	105.12 6.10 -28.05	119.71 6.39 -38.99	155.98 6.26 -79.44	166.51 5.72 -95.74	212.31 6.58 -134.18	241.45 7.26 -156.93	203.72 8.00 -109.75	187.58 7.33 -97.93	193.55 7.48 -103.92	197.52 7.18 -110.54	149.87 6.45 -69.30	192.13 5.56 -124.08	214.75 5.91 -143.13	369.32 6.68 -290.00	252.21 6.21 -177.01	213.04 5.55 -145.83	200.64 6.09 -124.56	189.35 4.75 -128.75	180.21 4.64 -119.73	141.13 4.64 -80.53
RAMAPO___LBMP 323565	90.64 3.75 -5.26	85.73 3.55 -1.59	83.51 3.19 -6.10	75.98 3.02 -2.82	76.56 3.12 -2.47	81.17 3.42 -3.43	80.71 3.44 -6.99	81.59 3.19 -13.36	87.14 3.79 -11.80	104.56 4.33 -22.97	119.13 5.07 -28.09	124.69 4.86 -37.52	124.05 4.85 -37.05	122.47 4.71 -37.96	131.22 4.45 -52.65	123.62 3.75 -57.38	135.08 4.01 -65.36	141.73 4.50 -64.59	150.32 4.35 -76.98	139.52 3.82 -74.04	132.18 4.34 -57.85	120.18 3.29 -61.04	117.28 3.24 -58.20	120.30 3.02 -61.32
RANKINE____ 23646	77.94 -3.67 0.00	76.88 -3.71 0.00	70.95 -3.27 0.00	66.85 -3.30 0.00	67.56 -3.41 0.00	70.38 -3.94 0.00	65.71 -4.57 0.00	60.15 -5.98 -1.08	65.39 -6.15 0.00	73.33 -7.11 -3.18	81.31 -8.77 -4.11	81.10 -8.40 -7.18	80.00 -8.46 -6.31	78.07 -8.38 -6.65	76.79 -7.56 -10.22	65.59 -6.56 -9.66	71.76 -6.70 -12.76	77.00 -6.25 -10.61	78.20 -6.07 -15.29	71.00 -5.24 -14.58	75.21 -6.23 -11.45	57.29 -5.75 -7.20	61.92 -5.42 -11.49	63.98 -3.86 -11.88
RAVENSWOOD_GT2_1 24244	92.00 4.90 -5.49	86.84 4.59 -1.66	84.73 4.16 -6.36	77.08 4.00 -2.93	77.59 4.05 -2.57	82.28 4.39 -3.58	82.06 4.50 -7.28	83.05 4.10 -13.90	88.71 4.86 -12.30	106.67 5.49 -23.92	121.54 6.36 -29.21	127.39 6.09 -38.98	126.73 6.08 -38.50	125.07 5.83 -39.44	134.31 5.56 -54.63	126.71 4.62 -59.59	138.58 4.99 -67.87	145.42 5.32 -67.26	154.39 5.31 -80.09	143.43 4.75 -77.02	135.63 5.46 -60.18	123.48 4.13 -63.50	120.35 3.97 -60.54	123.54 3.81 -63.78

RAVENSWOOD_GT2_2 24245	92.00 4.90 -5.49	86.84 4.59 -1.66	84.73 4.16 -6.36	77.08 4.00 -2.93	77.59 4.05 -2.57	82.28 4.39 -3.58	82.06 4.50 -7.28	83.05 4.10 -13.90	88.71 4.86 -12.30	106.67 5.49 -23.92	121.54 6.36 -29.21	127.39 6.09 -38.98	126.73 6.08 -38.50	125.07 5.83 -39.44	134.31 5.56 -54.63	126.71 4.62 -59.59	138.58 4.99 -67.87	145.42 5.52 -67.26	154.39 5.31 -80.09	143.43 4.75 -77.02	135.63 5.46 -60.18	123.48 4.13 -63.50	120.35 3.97 -60.54	123.54 3.81 -63.78
RAVENSWOOD_GT2_3 24246	92.08 4.98 -5.49	86.92 4.67 -1.66	84.80 4.23 -6.36	77.08 4.00 -2.93	77.66 4.12 -2.57	82.36 4.46 -3.58	82.06 4.50 -7.29	83.11 4.16 -13.90	88.71 4.86 -12.31	106.75 5.56 -23.92	121.63 6.45 -29.21	127.39 6.09 -38.98	126.82 6.16 -38.50	125.15 5.91 -39.44	134.31 5.56 -54.63	126.77 4.69 -59.59	138.58 4.99 -67.87	145.49 5.59 -67.26	154.46 5.38 -80.09	143.43 4.75 -77.02	135.63 5.46 -60.18	123.53 4.19 -63.50	120.41 4.02 -60.54	123.54 3.81 -63.78
RAVENSWOOD_GT2_4 24247	92.08 4.98 -5.49	86.92 4.67 -1.66	84.80 4.23 -6.36	77.08 4.00 -2.93	77.66 4.12 -2.57	82.36 4.46 -3.58	82.06 4.50 -7.29	83.11 4.16 -13.90	88.71 4.86 -12.31	106.75 5.56 -23.92	121.63 6.45 -29.21	127.39 6.09 -38.98	126.82 6.16 -38.50	125.15 5.91 -39.44	134.31 5.56 -54.63	126.77 4.69 -59.59	138.58 4.99 -67.87	145.49 5.59 -67.26	154.46 5.38 -80.09	143.43 4.75 -77.02	135.63 5.46 -60.18	123.53 4.19 -63.50	120.41 4.02 -60.54	123.54 3.81 -63.78
RAVENSWOOD_GT3_1 24248	92.00 4.90 -5.49	86.84 4.59 -1.66	84.73 4.16 -6.36	77.08 4.00 -2.93	77.59 4.05 -2.57	82.36 4.46 -3.58	82.06 4.50 -7.28	83.05 4.10 -13.90	88.71 4.86 -12.30	106.75 5.56 -23.92	121.54 6.36 -29.21	127.39 6.09 -38.98	126.73 6.08 -38.50	125.15 5.91 -39.44	134.31 5.56 -54.63	126.71 4.62 -59.59	138.58 4.99 -67.87	145.42 5.52 -67.26	154.39 5.31 -80.09	143.43 4.75 -77.02	135.63 5.46 -60.18	123.53 4.19 -63.50	120.35 3.97 -60.54	123.54 3.81 -63.78
RAVENSWOOD_GT3_2 24249	92.00 4.90 -5.49	86.84 4.59 -1.66	84.73 4.16 -6.36	77.08 4.00 -2.93	77.59 4.05 -2.57	82.36 4.46 -3.58	82.06 4.50 -7.28	83.05 4.10 -13.90	88.71 4.86 -12.30	106.75 5.56 -23.92	121.54 6.36 -29.21	127.39 6.09 -38.98	126.73 6.08 -38.50	125.15 5.91 -39.44	134.31 5.56 -54.63	126.71 4.62 -59.59	138.58 4.99 -67.87	145.42 5.52 -67.26	154.39 5.31 -80.09	143.43 4.75 -77.02	135.63 5.46 -60.18	123.53 4.19 -63.50	120.35 3.97 -60.54	123.54 3.81 -63.78
RAVENSWOOD_GT3_3 24250	92.08 4.98 -5.49	86.92 4.67 -1.66	84.80 4.23 -6.36	77.15 4.07 -2.93	77.66 4.12 -2.57	82.43 4.53 -3.58	82.13 4.57 -7.28	83.11 4.16 -13.90	88.78 4.94 -12.30	106.82 5.64 -23.92	121.71 6.53 -29.21	127.47 6.17 -38.98	126.90 6.24 -38.50	125.23 5.99 -39.44	134.38 5.63 -54.63	126.83 4.75 -59.59	138.64 5.06 -67.87	145.56 5.67 -67.26	154.53 5.45 -80.09	143.49 4.81 -77.02	135.70 5.53 -60.18	123.59 4.24 -63.50	120.46 4.08 -60.54	123.60 3.86 -63.78
RAVENSWOOD_GT3_4 24251	92.08 4.98 -5.49	86.92 4.67 -1.66	84.80 4.23 -6.36	77.15 4.07 -2.93	77.66 4.12 -2.57	82.43 4.53 -3.58	82.13 4.57 -7.28	83.11 4.16 -13.90	88.78 4.94 -12.30	106.82 5.64 -23.92	121.71 6.53 -29.21	127.47 6.17 -38.98	126.90 6.24 -38.50	125.23 5.99 -39.44	134.38 5.63 -54.63	126.83 4.75 -59.59	138.64 5.06 -67.87	145.56 5.67 -67.26	154.53 5.45 -80.09	143.49 4.81 -77.02	135.70 5.53 -60.18	123.59 4.24 -63.50	120.46 4.08 -60.54	123.60 3.86 -63.78
RAVENSWOOD_GT_1 23729	92.50 5.39 -5.50	87.34 5.08 -1.67	85.09 4.53 -6.35	77.36 4.28 -2.93	77.93 4.40 -2.56	82.65 4.76 -3.57	82.41 4.85 -7.28	83.30 4.36 -13.89	88.99 5.15 -12.30	107.05 5.87 -23.92	121.96 6.79 -29.20	127.71 6.42 -38.97	127.06 6.41 -38.49	125.46 6.22 -39.43	134.60 5.86 -54.62	127.01 4.94 -59.59	138.83 5.26 -67.86	145.77 5.88 -67.25	154.81 5.73 -80.10	143.73 5.06 -77.01	135.97 5.81 -60.17	123.75 4.41 -63.49	120.62 4.24 -60.53	123.76 4.03 -63.77
RAVENSWOOD_GT_10 24258	92.00 4.90 -5.49	86.85 4.59 -1.66	84.73 4.16 -6.36	77.08 4.00 -2.93	77.59 4.05 -2.57	82.28 4.39 -3.58	82.06 4.50 -7.29	83.05 4.10 -13.90	88.71 4.86 -12.31	106.67 5.49 -23.92	121.54 6.36 -29.21	127.31 6.01 -38.98	126.74 6.08 -38.50	125.07 5.83 -39.44	134.24 5.49 -54.63	126.71 4.62 -59.59	138.58 4.99 -67.87	145.42 5.52 -67.26	154.39 5.31 -80.09	143.37 4.69 -77.02	135.63 5.46 -60.18	123.48 4.13 -63.50	120.35 3.97 -60.54	123.49 3.75 -63.78
RAVENSWOOD_GT_11 24259	92.00 4.90 -5.49	86.85 4.59 -1.66	84.73 4.16 -6.36	77.08 4.00 -2.93	77.59 4.05 -2.57	82.28 4.39 -3.58	82.06 4.50 -7.29	83.05 4.10 -13.90	88.71 4.86 -12.31	106.67 5.49 -23.92	121.54 6.36 -29.21	127.31 6.01 -38.98	126.74 6.08 -38.50	125.07 5.83 -39.44	134.24 5.49 -54.63	126.71 4.62 -59.59	138.58 4.99 -67.87	145.42 5.52 -67.26	154.39 5.31 -80.09	143.37 4.69 -77.02	135.63 5.46 -60.18	123.48 4.13 -63.50	120.35 3.97 -60.54	123.49 3.75 -63.78
RAVENSWOOD_GT_4 24252	91.93 4.82 -5.49	86.77 4.51 -1.66	84.65 4.08 -6.36	77.01 3.93 -2.93	77.51 3.97 -2.57	82.28 4.39 -3.57	81.99 4.43 -7.28	83.04 4.10 -13.90	88.63 4.79 -12.30	106.66 5.49 -23.92	121.45 6.28 -29.20	127.30 6.01 -38.97	126.65 6.00 -38.49	125.07 5.83 -39.44	134.23 5.49 -54.62	126.70 4.62 -59.59	138.50 4.93 -67.87	145.34 5.45 -67.26	154.33 5.24 -80.10	143.30 4.62 -77.01	135.55 5.39 -60.17	123.47 4.13 -63.49	120.29 3.91 -60.53	123.48 3.75 -63.77
RAVENSWOOD_GT_5 24254	91.93 4.82 -5.49	86.77 4.51 -1.66	84.65 4.08 -6.36	77.01 3.93 -2.93	77.51 3.97 -2.57	82.28 4.39 -3.57	81.99 4.43 -7.28	83.04 4.10 -13.90	88.63 4.79 -12.30	106.66 5.49 -23.92	121.45 6.28 -29.20	127.30 6.01 -38.97	126.65 6.00 -38.49	125.07 5.83 -39.44	134.23 5.49 -54.62	126.70 4.62 -59.59	138.50 4.93 -67.87	145.34 5.45 -67.26	154.33 5.24 -80.10	143.30 4.62 -77.01	135.55 5.39 -60.17	123.47 4.13 -63.49	120.29 3.91 -60.53	123.48 3.75 -63.77
RAVENSWOOD_GT_6 24253	91.93 4.82 -5.49	86.77 4.51 -1.66	84.65 4.08 -6.36	77.01 3.93 -2.93	77.51 3.97 -2.57	82.28 4.39 -3.57	81.99 4.43 -7.28	83.04 4.10 -13.90	88.63 4.79 -12.30	106.66 5.49 -23.92	121.45 6.28 -29.20	127.30 6.01 -38.97	126.65 6.00 -38.49	125.07 5.83 -39.44	134.23 5.49 -54.62	126.70 4.62 -59.59	138.50 4.93 -67.87	145.34 5.45 -67.26	154.33 5.24 -80.10	143.30 4.62 -77.01	135.55 5.39 -60.17	123.47 4.13 -63.49	120.29 3.91 -60.53	123.48 3.75 -63.77
RAVENSWOOD_GT_7 24255	91.93 4.82 -5.49	86.77 4.51 -1.66	84.65 4.08 -6.36	77.01 3.93 -2.93	77.51 3.97 -2.57	82.28 4.39 -3.57	81.99 4.43 -7.28	83.04 4.10 -13.90	88.63 4.79 -12.30	106.66 5.49 -23.92	121.45 6.28 -29.20	127.30 6.01 -38.97	126.65 6.00 -38.49	125.07 5.83 -39.44	134.23 5.49 -54.62	126.70 4.62 -59.59	138.50 4.93 -67.87	145.34 5.45 -67.26	154.33 5.24 -80.10	143.30 4.62 -77.01	135.55 5.39 -60.17	123.47 4.13 -63.49	120.29 3.91 -60.53	123.48 3.75 -63.77
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	92.00 4.90 -5.49	86.85 4.59 -1.66	84.73 4.16 -6.36	77.08 4.00 -2.93	77.59 4.05 -2.57	82.28 4.39 -3.58	82.06 4.50 -7.29	83.05 4.10 -13.90	88.71 4.86 -12.31	106.67 5.49 -23.92	121.54 6.36 -29.21	127.31 6.01 -38.98	126.74 6.08 -38.50	125.07 5.83 -39.44	134.24 5.49 -54.63	126.71 4.62 -59.59	138.58 4.99 -67.87	145.42 5.52 -67.26	154.39 5.31 -80.09	143.37 4.69 -77.02	135.63 5.46 -60.18	123.48 4.13 -63.50	120.35 3.97 -60.54	123.49 3.75 -63.78

RAVENSWOOD_GT_9 24257	92.00 4.90 -5.49	86.85 4.59 -1.66	84.73 4.16 -6.36	77.08 4.00 -2.93	77.59 4.05 -2.57	82.28 4.39 -3.58	82.06 4.50 -7.29	83.05 4.10 -13.90	88.71 4.86 -12.31	106.67 5.49 -23.92	121.54 6.36 -29.21	127.31 6.01 -38.98	126.74 6.08 -38.50	125.07 5.83 -39.44	134.24 5.49 -54.63	126.71 4.62 -59.59	138.58 4.99 -67.87	145.42 5.52 -67.26	154.39 5.31 -80.09	143.37 4.69 -77.02	135.63 5.46 -60.18	123.48 4.13 -63.50	120.35 3.97 -60.54	123.49 3.75 -63.78
RAVENSWOOD___1 23533	92.50 5.39 -5.50	87.34 5.08 -1.67	85.18 4.60 -6.36	77.51 4.42 -2.93	78.02 4.47 -2.57	82.80 4.90 -3.58	82.48 4.92 -7.28	83.31 4.36 -13.90	89.07 5.22 -12.30	107.05 5.87 -23.92	121.97 6.79 -29.21	127.64 6.34 -38.98	127.07 6.41 -38.50	125.39 6.15 -39.44	134.61 5.85 -54.63	127.02 4.94 -59.59	138.84 5.26 -67.87	145.61 5.88 -67.10	154.63 5.72 -79.92	143.57 5.06 -76.85	135.84 5.81 -60.05	123.62 4.41 -63.36	120.50 4.24 -60.41	123.64 4.03 -63.64
RAVENSWOOD___2 23534	92.50 5.39 -5.50	87.34 5.08 -1.67	85.18 4.60 -6.36	77.51 4.42 -2.93	78.02 4.47 -2.57	82.80 4.90 -3.58	82.48 4.92 -7.28	83.31 4.36 -13.90	89.07 5.22 -12.30	107.05 5.87 -23.92	121.97 6.79 -29.21	127.64 6.34 -38.98	127.07 6.41 -38.50	125.39 6.15 -39.44	134.54 5.79 -54.63	127.02 4.94 -59.59	138.84 5.26 -67.87	145.61 5.88 -67.10	154.56 5.66 -79.92	143.57 5.06 -76.85	135.84 5.81 -60.05	123.62 4.41 -63.36	120.50 4.24 -60.41	123.64 4.03 -63.64
RAVENSWOOD___3 23535	92.08 4.98 -5.49	86.92 4.67 -1.66	84.80 4.23 -6.36	77.15 4.07 -2.93	77.66 4.11 -2.57	82.43 4.53 -3.58	82.13 4.57 -7.28	83.11 4.17 -13.90	88.78 4.93 -12.30	106.75 5.57 -23.92	121.54 6.36 -29.21	127.39 6.09 -38.98	126.73 6.08 -38.50	125.07 5.82 -39.44	134.31 5.56 -54.63	126.71 4.62 -59.59	138.57 4.99 -67.87	145.25 5.52 -67.10	154.21 5.31 -79.91	143.26 4.75 -76.85	135.50 5.46 -60.05	123.40 4.19 -63.36	120.22 3.97 -60.41	123.41 3.81 -63.64
RAVENSWOOD___4 23820	92.50 5.39 -5.50	87.34 5.08 -1.67	85.18 4.60 -6.37	77.51 4.42 -2.94	78.02 4.47 -2.58	82.81 4.90 -3.58	82.49 4.92 -7.29	83.31 4.36 -13.91	89.01 5.15 -12.31	107.06 5.87 -23.93	121.90 6.71 -29.22	127.64 6.34 -38.99	127.08 6.41 -38.51	125.40 6.15 -39.45	134.55 5.79 -54.63	126.97 4.88 -59.60	138.85 5.26 -67.88	145.62 5.88 -67.11	154.56 5.66 -79.92	143.51 4.99 -76.86	135.79 5.74 -60.05	123.62 4.41 -63.37	120.50 4.24 -60.41	123.65 4.03 -63.65
RCPL_TRUST___DRP 24196	92.08 4.98 -5.49	86.92 4.67 -1.66	84.80 4.23 -6.36	77.15 4.07 -2.93	77.66 4.12 -2.57	82.43 4.53 -3.58	82.13 4.57 -7.28	83.17 4.23 -13.90	88.78 4.94 -12.30	106.82 5.64 -23.92	121.71 6.53 -29.20	127.47 6.17 -38.97	126.89 6.24 -38.50	125.23 5.99 -39.44	134.38 5.63 -54.62	126.82 4.75 -59.59	138.63 5.06 -67.86	145.55 5.67 -67.25	154.51 5.45 -80.08	143.48 4.81 -77.01	135.69 5.53 -60.17	123.58 4.24 -63.49	120.45 4.08 -60.53	123.59 3.86 -63.76
RED___ROCHESTER 323720	79.58 -2.04 0.00	78.58 -2.01 0.00	72.28 -1.93 0.00	68.11 -2.04 0.00	68.84 -2.13 0.00	72.09 -2.23 0.00	67.68 -2.60 0.00	63.35 -2.54 -0.84	68.04 -3.50 0.00	75.87 -3.78 -2.40	85.64 -3.69 -3.36	84.59 -3.30 -5.56	83.66 -3.53 -5.04	81.53 -3.51 -5.24	78.91 -3.11 -7.90	67.46 -2.81 -7.79	72.81 -2.70 -9.80	74.12 -1.81 -3.30	73.94 -1.79 -6.75	67.58 -1.54 -7.46	73.30 -2.10 -5.40	56.58 -2.40 -3.13	59.27 -2.24 -5.66	62.28 -1.46 -7.77
REGAN___SOLAR 323812	148.60 7.35 -59.64	105.71 7.09 -18.02	149.96 6.60 -69.14	108.22 6.17 -31.89	105.17 6.25 -27.95	119.72 6.54 -38.86	155.92 6.46 -79.17	166.92 5.92 -95.96	211.93 6.65 -133.73	240.10 7.03 -155.81	203.36 7.57 -109.82	188.84 7.32 -99.20	194.61 7.40 -105.06	198.75 7.26 -111.69	154.96 6.59 -74.24	195.45 5.75 -127.21	218.78 6.17 -146.89	370.07 7.04 -290.39	256.22 6.69 -180.55	218.00 5.98 -150.36	204.32 6.72 -127.61	192.97 5.03 -132.09	183.82 4.92 -123.06	146.92 4.81 -86.14
RENSSELAER___COGEN 23796	115.65 3.43 -30.60	93.30 3.46 -9.25	112.81 3.12 -35.48	89.53 3.01 -16.37	88.36 3.05 -14.34	97.38 3.12 -19.94	113.72 2.81 -40.63	119.82 2.47 -52.30	142.95 2.79 -68.63	166.68 3.01 -86.41	158.13 3.61 -68.55	155.36 3.46 -69.58	157.58 3.45 -71.98	158.65 3.27 -75.57	144.14 3.11 -66.91	159.88 2.56 -94.83	177.17 2.63 -108.83	249.89 2.76 -174.49	203.38 2.62 -131.77	179.71 2.34 -115.70	167.99 2.80 -95.20	157.26 2.18 -99.24	151.39 2.29 -93.25	135.85 2.24 -77.65
REPUBLIC_115KV_BARTNBRK 55605	150.27 9.14 -59.51	107.36 8.78 -17.98	151.37 8.16 -68.99	109.62 7.65 -31.82	106.67 7.81 -27.89	121.27 8.18 -38.77	157.29 8.01 -79.00	167.70 7.42 -95.24	213.49 8.51 -133.44	242.58 9.19 -156.13	205.48 10.23 -109.28	189.38 9.47 -97.60	195.40 9.69 -103.55	199.19 9.26 -110.13	151.68 8.30 -69.25	193.47 7.25 -123.73	216.25 7.82 -142.72	370.17 8.86 -288.67	253.67 8.21 -176.48	214.40 7.28 -145.46	202.11 7.91 -124.21	190.28 6.03 -128.40	181.18 5.92 -119.41	142.26 5.82 -80.47
REVERE_CPDR_DRP 24186	85.45 3.84 0.00	84.46 3.87 0.00	77.63 3.41 0.00	73.38 3.23 0.00	74.16 3.19 0.00	77.89 3.57 0.00	73.80 3.51 0.00	68.77 3.38 -0.34	75.19 3.65 0.00	80.81 3.55 0.00	90.65 4.04 -0.64	87.22 3.54 -1.36	87.06 3.61 -1.29	84.71 3.59 -1.32	80.60 3.26 -3.21	67.81 2.75 -2.57	71.61 2.89 -3.01	77.71 3.49 -1.58	75.54 3.31 -3.24	68.14 2.90 -3.58	75.74 3.15 -2.60	60.93 2.29 -2.79	60.85 2.29 -2.72	62.04 2.35 -3.73
REYNOLDS_115KV_TB3 80639	120.07 3.92 -34.53	94.98 3.95 -10.44	117.81 3.56 -40.04	91.99 3.37 -18.47	90.56 3.41 -16.19	100.39 3.57 -22.50	119.50 3.37 -45.85	126.16 2.99 -58.12	152.41 3.43 -77.44	176.83 3.71 -95.87	164.21 4.21 -74.02	159.64 4.03 -73.28	162.26 3.94 -76.17	163.80 3.83 -80.17	144.72 3.56 -67.04	164.07 3.00 -98.58	182.03 3.09 -113.23	266.02 3.41 -189.97	209.88 3.17 -137.72	184.17 2.90 -119.61	172.33 3.29 -99.04	161.57 2.62 -103.10	155.23 2.68 -96.71	136.44 2.57 -77.90
RIVERBAY____ 323610	93.23 6.12 -5.50	88.06 5.80 -1.67	85.69 5.12 -6.36	77.92 4.84 -2.93	78.44 4.90 -2.57	83.17 5.28 -3.58	82.91 5.34 -7.28	83.44 4.49 -13.90	89.14 5.29 -12.30	107.29 6.10 -23.92	122.23 7.05 -29.21	127.80 6.50 -38.98	127.31 6.65 -38.50	125.63 6.38 -39.44	134.76 6.00 -54.63	127.14 5.06 -59.59	139.04 5.45 -67.87	146.07 6.17 -67.26	155.02 5.93 -80.10	143.92 5.24 -77.02	136.19 6.02 -60.18	124.04 4.69 -63.50	120.91 4.52 -60.54	124.10 4.37 -63.78
RIVERSIDE_115KV_TB3 55908	120.33 3.75 -34.96	94.94 3.79 -10.56	118.16 3.41 -40.53	92.07 3.23 -18.70	90.69 3.34 -16.39	100.52 3.42 -22.78	119.85 3.16 -46.41	126.61 2.80 -58.76	153.15 3.22 -78.39	177.64 3.48 -96.91	164.68 4.04 -74.66	159.95 3.87 -73.76	162.71 3.86 -76.69	164.30 3.75 -80.74	144.80 3.48 -67.19	164.48 2.87 -99.12	182.52 2.96 -113.86	267.57 3.20 -191.74	210.54 3.04 -138.52	184.57 2.71 -120.20	172.72 3.15 -99.58	162.00 2.51 -103.64	155.62 2.57 -97.20	136.50 2.46 -78.08
ROARING___BROOK_WT_PWR 323790	81.13 -0.49 0.00	80.19 -0.40 0.00	73.84 -0.37 0.00	69.87 -0.28 0.00	70.69 -0.28 0.00	73.95 -0.37 0.00	69.79 -0.49 0.00	64.52 -0.52 0.00	70.83 -0.72 0.00	76.41 -0.85 0.00	84.94 -1.03 0.00	81.33 -0.98 0.00	81.17 -0.98 0.00	78.85 -0.95 0.00	73.16 -0.97 0.00	61.68 -0.81 0.00	64.73 -0.98 0.00	71.25 -1.38 0.00	67.61 -1.38 0.00	60.43 -1.23 0.00	68.59 -1.40 0.00	54.84 -1.00 0.00	54.90 -0.95 0.00	55.01 -0.95 0.00

ROCHESRG_115KV_T4 355643	78.68 -2.94 0.00	77.61 -2.98 0.00	71.54 -2.67 0.00	67.48 -2.67 0.00	68.27 -2.70 0.00	71.42 -2.90 0.00	66.91 -3.37 0.00	62.63 -3.25 -0.83	67.39 -4.15 0.00	74.93 -4.71 -2.38	84.42 -4.90 -3.34	83.49 -4.36 -5.53	82.73 -4.44 -5.01	80.54 -4.47 -5.21	77.97 -4.00 -7.85	66.74 -3.50 -7.75	71.96 -3.48 -9.74	77.92 -2.76 -8.04	77.94 -2.69 -11.65	70.46 -2.34 -11.14	75.78 -2.94 -8.73	59.46 -2.96 -6.57	61.77 -2.85 -8.77	63.07 -2.01 -9.13
ROCHESTER_9_IC 23652	79.17 -2.45 0.00	78.09 -2.50 0.00	71.91 -2.30 0.00	67.90 -2.24 0.00	68.63 -2.34 0.00	71.80 -2.53 0.00	67.33 -2.95 0.00	63.02 -2.86 -0.84	67.82 -3.72 0.00	75.41 -4.25 -2.40	85.03 -4.30 -3.36	84.01 -3.87 -5.56	83.33 -3.86 -5.04	81.05 -3.99 -5.24	78.47 -3.56 -7.90	67.15 -3.12 -7.78	72.42 -3.09 -9.80	78.48 -2.25 -8.09	78.50 -2.21 -11.72	70.96 -1.91 -11.21	76.26 -2.52 -8.78	59.81 -2.62 -6.59	62.16 -2.51 -8.82	63.46 -1.68 -9.18
ROCKVIEW_13_KV_LD 356306	92.17 5.06 -5.49	87.01 4.75 -1.66	84.88 4.30 -6.36	77.15 4.07 -2.93	77.73 4.19 -2.57	82.43 4.53 -3.58	82.13 4.57 -7.28	83.11 4.16 -13.90	88.78 4.94 -12.30	106.82 5.64 -23.92	121.63 6.45 -29.21	127.47 6.17 -38.98	126.81 6.16 -38.50	125.23 5.99 -39.44	134.38 5.63 -54.62	126.77 4.69 -59.59	138.64 5.06 -67.87	145.56 5.67 -67.26	154.46 5.38 -80.09	143.49 4.81 -77.02	135.63 5.46 -60.18	123.59 4.24 -63.50	120.40 4.02 -60.54	123.60 3.86 -63.77
ROME____115KV_TB2 80656	85.45 3.84 0.00	84.46 3.87 0.00	77.63 3.41 0.00	73.38 3.23 0.00	74.16 3.19 0.00	77.89 3.57 0.00	73.80 3.51 0.00	68.77 3.38 -0.34	75.19 3.65 0.00	80.81 3.55 0.00	90.65 4.04 -0.64	87.22 3.54 -1.36	87.06 3.61 -1.29	84.71 3.59 -1.32	80.60 3.26 -3.21	67.81 2.75 -2.57	71.61 2.89 -3.01	77.71 3.49 -1.58	75.54 3.31 -3.24	68.14 2.90 -3.58	75.74 3.15 -2.60	60.93 2.29 -2.79	60.85 2.29 -2.72	62.04 2.35 -3.73
ROSETON___1 23587	90.97 4.00 -5.35	86.08 3.87 -1.62	83.98 3.56 -6.20	76.38 3.37 -2.86	76.88 3.41 -2.51	81.52 3.71 -3.49	81.11 3.72 -7.10	82.15 3.38 -13.73	87.54 4.00 -12.00	105.30 4.48 -23.57	120.08 5.07 -29.04	126.11 4.86 -38.93	125.43 4.85 -38.43	123.87 4.71 -39.36	133.45 4.45 -54.88	125.88 3.75 -59.64	137.65 4.01 -67.93	143.51 4.43 -66.44	152.90 4.28 -79.64	142.15 3.82 -76.66	134.20 4.34 -59.87	122.26 3.24 -63.18	119.33 3.24 -60.24	122.65 3.08 -63.61
ROSETON___2 23588	90.97 4.00 -5.35	86.08 3.87 -1.62	83.98 3.56 -6.20	76.38 3.37 -2.86	76.88 3.41 -2.51	81.52 3.71 -3.49	81.11 3.72 -7.10	82.15 3.38 -13.73	87.54 4.00 -12.00	105.30 4.48 -23.57	120.08 5.07 -29.04	126.11 4.86 -38.93	125.43 4.85 -38.43	123.87 4.71 -39.36	133.45 4.45 -54.88	125.88 3.75 -59.64	137.65 4.01 -67.93	143.51 4.43 -66.44	152.90 4.28 -79.64	142.15 3.82 -76.66	134.20 4.34 -59.87	122.26 3.24 -63.18	119.33 3.24 -60.24	122.65 3.08 -63.61
ROTRDAM_115KV_TB3 80664	150.45 3.43 -65.40	103.74 3.38 -19.77	153.16 3.12 -75.83	108.07 2.95 -34.98	104.61 2.98 -30.66	120.06 3.12 -42.62	160.20 3.09 -86.83	171.88 2.80 -104.03	221.42 3.22 -146.66	251.10 3.48 -170.36	207.42 3.78 -117.67	189.41 3.62 -103.47	195.91 3.61 -110.14	200.64 3.51 -117.32	147.45 3.26 -70.06	195.14 2.75 -129.91	218.62 2.96 -149.95	388.03 3.27 -312.13	258.01 3.10 -185.92	216.33 2.77 -151.89	203.46 3.08 -130.39	192.88 2.40 -134.63	183.21 2.35 -125.02	139.67 2.29 -81.41
RUSSELL___1 23602	79.58 -2.04 0.00	78.50 -2.10 0.00	72.28 -1.93 0.00	68.19 -1.96 0.00	68.98 -1.99 0.00	72.17 -2.16 0.00	67.68 -2.60 0.00	63.35 -2.54 -0.84	68.18 -3.36 0.00	75.87 -3.79 -2.40	85.55 -3.78 -3.36	84.51 -3.38 -5.56	83.82 -3.37 -5.04	81.53 -3.51 -5.24	78.91 -3.11 -7.90	67.46 -2.81 -7.79	72.81 -2.69 -9.80	78.91 -1.82 -8.09	78.91 -1.79 -11.72	71.33 -1.54 -11.21	76.68 -2.10 -8.78	60.09 -2.35 -6.59	62.44 -2.23 -8.82	63.69 -1.46 -9.18
RUSSELL___2 23532	79.58 -2.04 0.00	78.50 -2.10 0.00	72.28 -1.93 0.00	68.19 -1.96 0.00	68.98 -1.99 0.00	72.17 -2.16 0.00	67.68 -2.60 0.00	63.35 -2.54 -0.84	68.18 -3.36 0.00	75.87 -3.79 -2.40	85.55 -3.78 -3.36	84.51 -3.38 -5.56	83.82 -3.37 -5.04	81.53 -3.51 -5.24	78.91 -3.11 -7.90	67.46 -2.81 -7.79	72.81 -2.69 -9.80	78.91 -1.82 -8.09	78.91 -1.79 -11.72	71.33 -1.54 -11.21	76.68 -2.10 -8.78	60.09 -2.35 -6.59	62.44 -2.23 -8.82	63.69 -1.46 -9.18
RUSSELL___3 23549	79.58 -2.04 0.00	78.50 -2.10 0.00	72.28 -1.93 0.00	68.19 -1.96 0.00	68.98 -1.99 0.00	72.17 -2.16 0.00	67.68 -2.60 0.00	63.35 -2.54 -0.84	68.18 -3.36 0.00	75.87 -3.79 -2.40	85.55 -3.78 -3.36	84.51 -3.38 -5.56	83.82 -3.37 -5.04	81.53 -3.51 -5.24	78.91 -3.11 -7.90	67.46 -2.81 -7.79	72.81 -2.69 -9.80	78.91 -1.82 -8.09	78.91 -1.79 -11.72	71.33 -1.54 -11.21	76.68 -2.10 -8.78	60.09 -2.35 -6.59	62.44 -2.23 -8.82	63.69 -1.46 -9.18
RUSSELL___4 23556	79.58 -2.04 0.00	78.50 -2.10 0.00	72.28 -1.93 0.00	68.19 -1.96 0.00	68.98 -1.99 0.00	72.17 -2.16 0.00	67.68 -2.60 0.00	63.35 -2.54 -0.84	68.18 -3.36 0.00	75.87 -3.79 -2.40	85.55 -3.78 -3.36	84.51 -3.38 -5.56	83.82 -3.37 -5.04	81.53 -3.51 -5.24	78.91 -3.11 -7.90	67.46 -2.81 -7.79	72.81 -2.69 -9.80	78.91 -1.82 -8.09	78.91 -1.79 -11.72	71.33 -1.54 -11.21	76.68 -2.10 -8.78	60.09 -2.35 -6.59	62.44 -2.23 -8.82	63.69 -1.46 -9.18
RUSSELL__STATION 23914	79.58 -2.04 0.00	78.50 -2.10 0.00	72.28 -1.93 0.00	68.19 -1.96 0.00	68.98 -1.99 0.00	72.17 -2.16 0.00	67.68 -2.60 0.00	63.35 -2.54 -0.84	68.18 -3.36 0.00	75.87 -3.79 -2.40	85.55 -3.78 -3.36	84.51 -3.38 -5.56	83.82 -3.37 -5.04	81.53 -3.51 -5.24	78.91 -3.11 -7.90	67.46 -2.81 -7.79	72.81 -2.69 -9.80	78.91 -1.82 -8.09	78.91 -1.79 -11.72	71.33 -1.54 -11.21	76.68 -2.10 -8.78	60.09 -2.35 -6.59	62.44 -2.23 -8.82	63.69 -1.46 -9.18
S SALMON__HYD 24043	82.68 1.06 0.00	81.72 1.13 0.00	75.11 0.89 0.00	70.85 0.70 0.00	71.75 0.78 0.00	75.07 0.74 0.00	70.98 0.70 0.00	66.37 0.78 -0.54	72.33 0.79 0.00	77.87 0.62 0.00	87.85 0.86 -1.02	85.14 0.66 -2.17	84.87 0.65 -2.06	82.62 0.72 -2.09	79.90 0.67 -5.11	67.21 0.62 -4.10	71.22 0.72 -4.79	76.19 1.53 -2.03	74.66 1.52 -4.15	67.55 1.30 -4.59	74.58 1.26 -3.33	60.15 0.72 -3.58	60.17 0.84 -3.48	61.69 0.95 -4.78
S.PERRY__115KV_TB1 80734	79.74 -1.88 0.00	78.66 -1.93 0.00	72.51 -1.71 0.00	68.26 -1.89 0.00	69.05 -1.92 0.00	72.17 -2.16 0.00	67.75 -2.53 0.00	65.58 -0.59 -1.12	70.61 -0.93 0.00	79.09 -1.47 -3.30	87.75 -2.06 -3.84	87.56 -2.06 -7.30	86.02 -2.30 -6.16	84.10 -2.31 -6.61	82.82 -1.85 -10.55	70.27 -1.56 -9.34	77.84 -1.05 -13.18	83.83 0.22 -10.98	85.00 0.21 -15.80	76.98 0.25 -15.07	81.68 -0.14 -11.83	60.57 -0.89 -5.62	66.82 -0.89 -11.87	68.22 0.00 -12.26
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	77.21 -4.41 0.00	76.16 -4.43 0.00	70.28 -3.93 0.00	66.29 -3.86 0.00	67.00 -3.97 0.00	69.79 -4.53 0.00	65.08 -5.20 0.00	59.85 -6.24 -1.04	64.60 -6.94 0.00	72.36 -7.96 -3.05	80.85 -9.11 -3.99	80.68 -8.56 -6.92	79.63 -8.63 -6.11	77.61 -8.62 -6.42	76.19 -7.78 -9.85	65.10 -6.75 -9.36	71.09 -6.90 -12.28	76.37 -6.46 -10.20	77.42 -6.28 -14.71	70.33 -5.36 -14.04	74.57 -6.44 -11.02	56.98 -5.98 -7.10	61.32 -5.58 -11.06	63.38 -4.03 -11.45

SAWYER___23_KV_LOAD 55526	77.21 -4.41 0.00	76.16 -4.43 0.00	70.28 -3.93 0.00	66.29 -3.86 0.00	67.00 -3.97 0.00	69.79 -4.53 0.00	65.08 -5.20 0.00	59.85 -6.24 -1.04	64.60 -6.94 0.00	72.36 -7.96 -3.05	80.85 -9.11 -3.99	80.68 -8.56 -6.92	79.63 -8.63 -6.11	77.61 -8.62 -6.42	76.19 -7.78 -9.85	65.10 -6.75 -9.36	71.09 -6.90 -12.28	76.37 -6.46 -10.20	77.42 -6.28 -14.71	70.33 -5.36 -14.04	74.57 -6.44 -11.02	56.98 -5.98 -7.10	61.32 -5.58 -11.06	63.38 -4.03 -11.45
SELKIRK___I 23801	106.78 3.51 -21.66	90.68 3.54 -6.55	102.58 3.26 -25.11	84.82 3.08 -11.58	84.24 3.12 -10.15	91.63 3.19 -14.11	101.99 2.95 -28.75	106.57 2.53 -38.99	122.97 2.86 -48.57	145.05 3.01 -64.78	145.34 3.53 -55.84	146.45 3.38 -60.75	147.58 3.37 -62.05	147.81 3.27 -64.73	143.17 3.11 -65.94	150.75 2.62 -85.63	166.46 2.70 -98.06	214.51 2.91 -138.97	189.38 2.76 -117.63	170.33 2.47 -106.20	158.79 2.80 -85.99	148.06 2.24 -89.98	143.06 2.29 -84.93	134.78 2.30 -76.52
SELKIRK___II 23799	108.19 3.18 -23.39	90.80 3.14 -7.07	104.22 2.89 -27.12	85.39 2.73 -12.51	84.70 2.77 -10.96	92.46 2.90 -15.24	104.00 2.67 -31.05	109.00 2.34 -41.61	126.71 2.72 -52.45	149.25 2.94 -69.06	147.80 3.35 -58.48	148.26 3.21 -62.74	149.60 3.20 -64.24	150.01 3.11 -67.10	143.67 2.97 -66.57	152.78 2.43 -87.86	168.85 2.50 -100.65	221.62 2.76 -146.22	192.50 2.55 -120.96	172.63 2.34 -108.63	160.88 2.66 -88.23	150.22 2.12 -92.25	145.02 2.18 -87.00	135.35 2.13 -77.27
SENECA OSWGO___HYD 24041	82.03 0.41 0.00	81.08 0.49 0.00	74.58 0.37 0.00	70.29 0.14 0.00	71.11 0.14 0.00	74.47 0.15 0.00	70.49 0.21 0.00	65.93 0.26 -0.62	71.68 0.14 0.00	77.41 0.15 0.00	87.39 0.26 -1.16	85.03 0.25 -2.47	84.74 0.25 -2.34	82.43 0.24 -2.38	80.17 0.22 -5.82	67.40 0.25 -4.66	71.56 0.40 -5.45	76.18 1.23 -2.31	75.03 1.31 -4.73	68.00 1.11 -5.23	74.83 1.05 -3.79	60.42 0.50 -4.07	60.26 0.44 -3.97	62.03 0.62 -5.45
SENECA___115KV_TB3 355854	78.03 -3.59 0.00	77.05 -3.55 0.00	71.10 -3.12 0.00	66.99 -3.16 0.00	67.71 -3.26 0.00	70.53 -3.79 0.00	65.85 -4.43 0.00	60.28 -5.85 -1.08	65.46 -6.08 0.00	73.49 -6.95 -3.18	81.48 -8.60 -4.11	81.27 -8.23 -7.18	80.17 -8.30 -6.31	78.23 -8.22 -6.65	76.94 -7.41 -10.22	65.65 -6.50 -9.66	71.83 -6.64 -12.76	77.14 -6.10 -10.61	78.27 -6.00 -15.29	71.13 -5.12 -14.58	75.28 -6.16 -11.45	57.35 -5.70 -7.20	61.97 -5.36 -11.49	64.04 -3.81 -11.88
SENECA___ENERGY 23797	80.55 -1.06 0.00	79.63 -0.96 0.00	73.25 -0.97 0.00	69.02 -1.13 0.00	69.83 -1.14 0.00	73.13 -1.19 0.00	69.09 -1.20 0.00	64.62 -1.30 -0.87	69.90 -1.64 0.00	78.01 -1.77 -2.52	87.68 -2.24 -3.94	86.12 -2.14 -5.94	85.58 -2.21 -5.64	83.40 -2.15 -5.75	80.55 -1.78 -8.21	69.76 -1.50 -8.77	74.61 -1.31 -10.21	79.06 -0.80 -7.22	78.84 -0.62 -10.48	71.20 -0.50 -10.03	77.01 -0.84 -7.86	62.20 -1.00 -7.35	62.68 -1.06 -7.90	63.53 -0.67 -8.24
SHOEMAKER___GT 23640	90.12 3.51 -5.00	85.49 3.38 -1.51	83.05 3.04 -5.80	75.77 2.95 -2.67	76.29 2.98 -2.34	80.85 3.27 -3.26	80.15 3.23 -6.64	80.68 2.93 -12.70	86.19 3.43 -11.21	102.95 3.86 -21.83	117.07 4.38 -26.71	122.12 4.11 -35.69	121.51 4.11 -35.25	119.90 3.99 -36.11	128.01 3.78 -50.10	120.27 3.19 -54.60	131.44 3.55 -62.18	137.84 3.99 -61.21	145.78 3.79 -73.00	135.26 3.39 -70.21	128.62 3.78 -54.85	116.57 2.85 -57.88	113.88 2.85 -55.19	116.81 2.69 -58.16
SHOEMAKR_138KV_BK 111 55601	90.01 3.43 -4.96	85.40 3.30 -1.50	82.94 2.97 -5.76	75.61 2.81 -2.65	76.21 2.91 -2.33	80.68 3.12 -3.23	80.03 3.16 -6.59	80.52 2.86 -12.61	86.04 3.36 -11.13	102.73 3.79 -21.68	116.89 4.38 -26.53	121.89 4.12 -35.45	121.27 4.11 -35.01	119.66 3.99 -35.86	127.68 3.78 -49.77	119.91 3.19 -54.23	131.03 3.55 -61.77	137.54 3.92 -60.98	145.49 3.79 -72.71	134.92 3.33 -69.93	128.33 3.71 -54.63	116.34 2.85 -57.65	113.60 2.79 -54.96	116.56 2.69 -57.91
SHOREHAM_IC_1 23715	122.83 8.08 -33.13	97.09 7.82 -8.69	95.46 7.13 -14.12	90.30 6.80 -13.35	90.34 6.96 -12.41	96.36 7.58 -14.45	134.27 7.52 -56.46	143.66 6.96 -71.65	140.60 7.08 -59.91	165.51 9.11 -55.92	167.35 8.31 -70.43	164.53 8.29 -76.72	167.76 7.66 -74.08	163.46 7.56 -80.29	169.14 6.38 -81.77	176.66 6.83 -100.27	182.98 7.48 -104.11	185.91 7.04 -102.86	176.66 6.72 -109.88	168.99 7.70 -108.28	151.30 5.70 -91.30	144.90 5.75 -89.76	137.28 5.60 -83.31	137.28 5.60 -75.72
SHOREHAM_IC_2 23716	122.83 8.08 -33.13	97.09 7.82 -8.69	95.46 7.13 -14.12	90.30 6.80 -13.35	90.34 6.96 -12.41	96.36 7.58 -14.45	134.27 7.52 -56.46	143.66 6.96 -71.65	140.60 7.08 -59.91	165.51 9.11 -55.92	167.35 8.31 -70.43	164.53 8.29 -76.72	167.76 7.66 -74.08	163.46 7.56 -80.29	169.14 6.38 -81.77	176.66 6.83 -100.27	182.98 7.48 -104.11	185.91 7.04 -102.86	176.66 6.72 -109.88	168.99 7.70 -108.28	151.30 5.70 -91.30	144.90 5.75 -89.76	137.28 5.60 -83.31	137.28 5.60 -75.72
SISSONVILLE____ 23735	81.62 0.00 0.00	80.67 0.08 0.00	74.43 0.22 0.00	70.50 0.35 0.00	71.25 0.28 0.00	74.40 0.07 0.00	70.42 0.14 0.00	65.48 0.33 -0.10	71.54 0.00 0.00	77.03 -0.23 0.00	85.57 -0.60 -0.19	82.24 -0.49 -0.41	81.97 -0.58 -0.39	79.89 -0.32 -0.40	74.58 -0.52 -0.98	62.77 -0.50 -0.78	65.64 -0.91 -0.91	71.08 -2.03 -0.48	67.97 -2.00 -0.98	61.02 -1.73 -1.09	69.45 -1.33 -0.79	56.25 -0.45 -0.85	56.56 -0.11 -0.83	56.87 -0.22 -1.13
SITHE_IND_GS1 24169	78.52 -3.10 0.00	77.53 -3.06 0.00	71.39 -2.82 0.00	67.41 -2.74 0.00	68.20 -2.77 0.00	71.42 -2.90 0.00	67.47 -2.81 0.00	62.98 -2.54 -0.48	68.61 -2.94 0.00	74.02 -3.24 0.00	83.34 -3.53 -0.89	80.84 -3.38 -1.90	80.59 -3.37 -1.80	78.36 -3.28 -1.84	75.56 -3.04 -4.48	63.58 -2.50 -3.59	67.34 -2.56 -4.20	71.98 -2.33 -1.67	70.26 -2.14 -3.42	63.46 -1.98 -3.77	70.42 -2.31 -2.74	56.78 -2.01 -2.94	56.70 -2.01 -2.86	58.05 -1.85 -3.93
SITHE_IND_GS2 24170	78.52 -3.10 0.00	77.53 -3.06 0.00	71.39 -2.82 0.00	67.41 -2.74 0.00	68.20 -2.77 0.00	71.42 -2.90 0.00	67.47 -2.81 0.00	62.98 -2.54 -0.48	68.61 -2.94 0.00	74.02 -3.24 0.00	83.34 -3.53 -0.89	80.84 -3.38 -1.90	80.59 -3.37 -1.80	78.36 -3.28 -1.84	75.56 -3.04 -4.48	63.58 -2.50 -3.59	67.34 -2.56 -4.20	71.98 -2.33 -1.67	70.26 -2.14 -3.42	63.46 -1.98 -3.77	70.42 -2.31 -2.74	56.78 -2.01 -2.94	56.70 -2.01 -2.86	58.05 -1.85 -3.93
SITHE_IND_GS3 24171	78.52 -3.10 0.00	77.53 -3.06 0.00	71.39 -2.82 0.00	67.41 -2.74 0.00	68.20 -2.77 0.00	71.42 -2.90 0.00	67.47 -2.81 0.00	62.98 -2.54 -0.48	68.61 -2.94 0.00	74.02 -3.24 0.00	83.34 -3.53 -0.89	80.84 -3.38 -1.90	80.59 -3.37 -1.80	78.36 -3.28 -1.84	75.56 -3.04 -4.48	63.58 -2.50 -3.59	67.34 -2.56 -4.20	71.98 -2.33 -1.67	70.26 -2.14 -3.42	63.46 -1.98 -3.77	70.42 -2.31 -2.74	56.78 -2.01 -2.94	56.70 -2.01 -2.86	58.05 -1.85 -3.93
SITHE_IND_GS4 24172	78.52 -3.10 0.00	77.53 -3.06 0.00	71.39 -2.82 0.00	67.41 -2.74 0.00	68.20 -2.77 0.00	71.42 -2.90 0.00	67.47 -2.81 0.00	62.98 -2.54 -0.48	68.61 -2.94 0.00	74.02 -3.24 0.00	83.34 -3.53 -0.89	80.84 -3.38 -1.90	80.59 -3.37 -1.80	78.36 -3.28 -1.84	75.56 -3.04 -4.48	63.58 -2.50 -3.59	67.34 -2.56 -4.20	71.98 -2.33 -1.67	70.26 -2.14 -3.42	63.46 -1.98 -3.77	70.42 -2.31 -2.74	56.78 -2.01 -2.94	56.70 -2.01 -2.86	58.05 -1.85 -3.93

SITHE___BATAVIA 24024	79.25 -2.37 0.00	78.25 -2.34 0.00	72.06 -2.15 0.00	67.84 -2.31 0.00	68.56 -2.41 0.00	71.72 -2.60 0.00	66.98 -3.30 0.00	62.09 -3.90 -0.94	66.75 -4.79 0.00	74.66 -5.33 -2.74	83.73 -5.93 -3.68	82.90 -5.68 -6.26	81.75 -5.99 -5.59	79.75 -5.90 -5.85	77.76 -5.26 -8.90	66.46 -4.62 -8.60	72.25 -4.53 -11.07	76.81 -3.70 -7.88	76.83 -3.59 -11.43	69.52 -3.08 -10.94	74.58 -3.99 -8.57	57.20 -4.07 -5.43	60.61 -3.85 -8.61	62.48 -2.46 -8.98
SITHE___INDEPEND 23800	78.52 -3.10 0.00	77.53 -3.06 0.00	71.39 -2.82 0.00	67.41 -2.74 0.00	68.20 -2.77 0.00	71.42 -2.90 0.00	67.47 -2.81 0.00	62.99 -2.54 -0.48	68.61 -2.93 0.00	74.01 -3.24 0.00	83.34 -3.52 -0.89	80.84 -3.38 -1.90	80.59 -3.37 -1.80	78.37 -3.27 -1.84	75.57 -3.04 -4.48	63.58 -2.50 -3.59	67.35 -2.56 -4.20	72.52 -2.32 -2.21	71.37 -2.14 -4.52	64.69 -1.97 -5.00	71.31 -2.31 -3.62	57.73 -2.01 -3.89	57.63 -2.01 -3.79	59.32 -1.85 -5.21
SITHE___MASSENA 23902	81.05 -0.57 0.00	80.11 -0.48 0.00	73.92 -0.30 0.00	70.08 -0.07 0.00	70.83 -0.14 0.00	73.95 -0.37 0.00	69.86 -0.42 0.00	64.92 -0.13 0.00	71.11 -0.43 0.00	76.72 -0.54 0.00	85.03 -0.94 0.00	81.58 -0.74 0.00	81.49 -0.66 0.00	79.25 -0.55 0.00	73.38 -0.74 0.00	61.93 -0.56 0.00	64.99 -0.72 0.00	71.18 -1.45 0.00	67.47 -1.52 0.00	60.43 -1.23 0.00	68.94 -1.05 0.00	55.40 -0.45 0.00	55.46 -0.39 0.00	55.51 -0.45 0.00
SITHE___OGDNSBRG 24021	82.52 0.90 0.00	81.56 0.97 0.00	75.25 1.04 0.00	71.27 1.12 0.00	72.03 1.06 0.00	75.21 0.89 0.00	71.20 0.91 0.00	66.15 1.11 0.00	72.26 0.72 0.00	77.72 0.46 0.00	86.06 0.09 0.00	82.48 0.16 0.00	82.24 0.08 0.00	80.20 0.40 0.00	74.27 0.15 0.00	62.74 0.25 0.00	65.84 0.13 0.00	71.98 -0.65 0.00	68.30 -0.69 0.00	61.11 -0.55 0.00	69.85 -0.14 0.00	56.24 0.39 0.00	56.40 0.56 0.00	56.47 0.50 0.00
SITHE___STERLING 23777	84.47 2.86 0.00	83.49 2.90 0.00	76.81 2.60 0.00	72.54 2.39 0.00	73.38 2.41 0.00	76.99 2.67 0.00	72.95 2.67 0.00	67.98 2.53 -0.40	74.26 2.72 0.00	79.96 2.70 0.00	89.73 3.01 -0.75	86.54 2.63 -1.59	86.30 2.63 -1.51	83.97 2.63 -1.54	80.33 2.44 -3.76	67.63 2.13 -3.01	71.40 2.17 -3.52	76.89 2.69 -1.56	74.80 2.62 -3.19	67.47 2.28 -3.53	75.00 2.45 -2.56	60.33 1.73 -2.75	60.20 1.67 -2.68	61.43 1.79 -3.68
SLEIGHT__34_KV_TB1 80719	79.74 -1.88 0.00	78.66 -1.93 0.00	72.43 -1.78 0.00	68.33 -1.82 0.00	69.20 -1.77 0.00	72.39 -1.93 0.00	68.17 -2.11 0.00	63.91 -1.95 -0.82	68.97 -2.58 0.00	76.75 -2.86 -2.35	86.61 -2.92 -3.56	85.21 -2.63 -5.52	84.69 -2.63 -5.17	82.39 -2.71 -5.30	79.47 -2.37 -7.72	68.40 -2.12 -8.03	73.25 -2.04 -9.58	79.24 -1.31 -7.92	79.27 -1.17 -11.46	71.57 -1.05 -10.96	77.11 -1.47 -8.59	61.75 -1.73 -7.64	62.74 -1.73 -8.63	63.76 -1.18 -8.98
SOUTH CAIRO___GT 23612	108.63 6.04 -20.97	93.05 6.13 -6.34	104.09 5.57 -24.31	86.77 5.40 -11.21	86.19 5.39 -9.83	93.71 5.72 -13.66	103.32 5.20 -27.84	107.42 4.62 -37.75	123.79 5.22 -47.02	145.41 5.41 -62.75	145.84 5.76 -54.11	146.63 5.43 -58.88	147.63 5.34 -60.13	147.64 5.11 -62.72	142.94 4.89 -63.92	149.86 4.37 -83.00	165.81 5.06 -95.04	212.90 5.52 -134.74	188.23 5.11 -114.13	169.15 4.44 -103.05	158.26 4.83 -83.44	146.73 3.57 -87.31	142.05 3.80 -82.41	133.76 3.53 -74.28
SOUTH HAMPTN___IC 23720	123.24 8.49 -33.13	97.58 8.30 -8.69	95.98 7.65 -14.12	90.79 7.30 -13.35	90.90 7.52 -12.41	97.10 8.32 -14.45	135.03 8.29 -56.46	144.37 7.67 -71.65	139.53 8.08 -59.91	141.75 8.57 -55.92	166.72 10.31 -70.43	168.58 9.54 -76.72	165.68 9.44 -74.08	168.95 8.86 -80.29	164.42 8.52 -81.77	169.94 7.18 -100.27	177.51 7.68 -104.11	183.99 8.49 -102.86	186.73 7.86 -109.88	177.09 7.15 -108.28	169.27 7.98 -91.30	151.46 5.86 -89.76	144.90 5.75 -83.31	137.45 5.77 -75.72
SOUTHDOW_115KV_TB1 355954	81.53 -1.47 -1.38	79.48 -1.53 -0.42	74.85 -0.96 -1.60	69.63 -1.26 -0.74	70.27 -1.35 -0.65	73.44 -1.78 -0.90	69.94 -2.18 -1.84	64.09 -4.16 -3.20	71.07 -3.58 -3.10	78.47 -4.25 -5.46	84.55 -6.36 -4.94	83.56 -6.42 -7.66	82.43 -6.57 -6.84	80.71 -6.46 -7.37	79.27 -5.78 -10.92	67.61 -5.06 -10.18	74.39 -5.19 -13.87	82.72 -4.43 -14.51	81.08 -4.28 -16.36	73.56 -3.70 -15.60	77.69 -4.55 -12.25	58.74 -4.36 -7.25	64.06 -4.08 -12.29	66.09 -2.57 -12.70
SOUTHOLD_69_KV_BK 2 55809	123.56 8.81 -33.13	98.06 8.78 -8.69	96.57 8.24 -14.12	91.49 8.00 -13.35	91.75 8.37 -12.41	98.07 9.29 -14.45	136.16 9.42 -56.46	145.41 8.72 -71.65	140.82 9.37 -59.91	143.30 10.12 -55.92	168.53 12.12 -70.43	170.15 11.11 -76.72	167.16 10.93 -74.08	170.39 10.29 -80.29	165.68 9.78 -81.77	171.07 8.31 -100.27	178.63 8.81 -104.11	185.46 9.81 -103.02	187.81 8.76 -110.06	177.76 7.65 -108.45	169.54 8.12 -91.43	151.66 5.92 -89.90	144.81 5.53 -83.44	137.58 5.76 -75.85
SOUTHOLD___IC 23719	123.65 8.90 -33.13	98.14 8.87 -8.69	96.57 8.24 -14.12	91.56 8.06 -13.35	91.75 8.37 -12.41	98.14 9.36 -14.45	136.23 9.48 -56.46	145.47 8.78 -71.65	140.97 9.52 -59.91	143.30 10.12 -55.92	168.35 11.95 -70.43	170.14 11.11 -76.72	167.16 10.93 -74.08	170.39 10.30 -80.29	165.68 9.78 -81.77	171.01 8.25 -100.27	178.63 8.81 -104.11	185.30 9.80 -102.86	187.63 8.76 -109.88	177.58 7.64 -108.28	169.47 8.19 -91.30	151.46 5.86 -89.76	144.74 5.58 -83.31	137.45 5.77 -75.72
SOUTH_FORK_WT_PWR 323839	122.99 8.24 -33.13	97.66 8.38 -8.69	96.28 7.94 -14.12	91.28 7.79 -13.35	91.53 8.16 -12.41	98.06 9.29 -14.45	136.23 9.48 -56.46	145.54 8.84 -71.65	141.04 9.59 -59.91	143.45 10.28 -55.92	168.53 12.12 -70.43	170.23 11.19 -76.72	167.25 11.01 -74.08	170.47 10.37 -80.29	165.68 9.78 -81.77	170.94 8.18 -100.27	178.57 8.74 -104.11	185.23 9.74 -102.86	187.35 8.48 -109.88	177.15 7.21 -108.28	168.78 7.49 -91.30	150.80 5.19 -89.76	144.01 4.86 -83.31	136.83 5.15 -75.72
SPIERFLS_115KV_TB 1 80737	148.51 6.77 -60.11	105.37 6.61 -18.17	149.99 6.09 -69.70	108.05 5.75 -32.15	104.97 5.82 -28.18	119.66 6.17 -39.17	156.06 5.97 -79.81	166.66 5.46 -96.15	212.64 6.30 -134.80	241.81 6.95 -157.59	203.77 7.65 -110.14	187.52 7.00 -98.20	193.53 7.15 -104.23	197.46 6.78 -110.87	149.61 6.15 -69.34	192.11 5.25 -124.37	214.76 5.59 -143.46	370.05 6.32 -291.09	252.30 5.86 -177.45	213.03 5.24 -146.12	200.58 5.74 -124.85	189.41 4.52 -129.04	180.31 4.47 -119.99	140.95 4.42 -80.57
ST LAWRENCE____ 23600	80.15 -1.47 0.00	79.22 -1.37 0.00	73.02 -1.19 0.00	69.17 -0.98 0.00	69.98 -0.99 0.00	73.13 -1.19 0.00	69.09 -1.20 0.00	64.07 -0.97 0.00	70.32 -1.22 0.00	75.95 -1.31 0.00	84.34 -1.64 0.00	80.84 -1.48 0.00	80.76 -1.40 0.00	78.45 -1.36 0.00	72.71 -1.41 0.00	61.30 -1.19 0.00	64.40 -1.31 0.00	70.75 -1.89 0.00	67.06 -1.93 0.00	60.00 -1.66 0.00	68.39 -1.61 0.00	54.84 -1.00 0.00	54.84 -1.00 0.00	54.90 -1.06 0.00
STATE_CA_115KV_115_LB 55624	124.63 3.75 -39.26	96.24 3.79 -11.86	123.22 3.49 -45.52	94.44 3.30 -21.00	92.71 3.34 -18.40	103.40 3.49 -25.58	125.57 3.16 -52.12	133.01 2.80 -65.17	162.73 3.15 -88.04	188.03 3.48 -107.29	170.86 4.13 -80.76	164.26 3.95 -77.99	167.54 3.94 -81.45	169.57 3.83 -85.94	145.33 3.56 -67.65	169.00 3.00 -103.52	187.74 3.02 -119.01	284.69 3.27 -208.79	217.30 3.04 -145.28	189.11 2.71 -124.74	177.19 3.22 -103.98	166.43 2.51 -108.07	159.65 2.62 -101.18	137.09 2.52 -78.61

STATE_ST_34_KV_LOAD 55959	81.45 -0.16 0.00	80.43 -0.16 0.00	74.06 -0.15 0.00	69.87 -0.28 0.00	70.69 -0.28 0.00	74.03 -0.30 0.00	70.07 -0.21 0.00	65.65 -0.26 -0.86	71.18 -0.36 0.00	79.22 -0.54 -2.50	89.79 -0.69 -4.51	87.71 -0.66 -6.05	87.61 -0.66 -6.11	85.24 -0.64 -6.07	81.71 -0.52 -8.10	71.72 -0.37 -9.60	75.60 -0.20 -10.09	81.51 0.51 -8.37	81.62 0.55 -12.08	73.69 0.49 -11.54	79.46 0.42 -9.05	67.06 -0.06 -11.27	64.82 -0.11 -9.09	65.49 0.11 -9.42
STATION_5_MISC_HYD 23604	79.17 -2.45 0.00	78.18 -2.42 0.00	71.99 -2.22 0.00	67.76 -2.39 0.00	68.56 -2.41 0.00	71.72 -2.60 0.00	67.33 -2.95 0.00	62.96 -2.93 -0.84	67.61 -3.93 0.00	75.41 -4.25 -2.40	85.21 -4.13 -3.36	84.10 -3.79 -5.56	83.17 -4.02 -5.04	81.05 -3.99 -5.24	78.54 -3.48 -7.90	67.15 -3.12 -7.78	72.42 -3.09 -9.80	73.68 -2.25 -3.30	73.52 -2.21 -6.75	67.21 -1.91 -7.46	72.88 -2.52 -5.40	56.30 -2.68 -3.13	58.99 -2.51 -5.66	62.05 -1.68 -7.77
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	80.56 -1.06 0.00	79.54 -1.05 0.00	73.25 -0.96 0.00	69.10 -1.05 0.00	69.91 -1.06 0.00	73.13 -1.19 0.00	68.81 -1.48 0.00	64.45 -1.43 -0.84	69.61 -1.93 0.00	77.42 -2.24 -2.40	86.93 -2.41 -3.36	85.66 -2.22 -5.56	84.97 -2.22 -5.04	82.80 -2.23 -5.23	80.08 -1.93 -7.89	68.52 -1.75 -7.78	73.85 -1.64 -9.79	79.92 -0.80 -8.09	79.94 -0.76 -11.71	72.30 -0.55 -11.20	77.79 -0.98 -8.77	61.10 -1.34 -6.59	63.32 -1.34 -8.81	64.40 -0.73 -9.17
STA_56_34_KV_BUS2_REV_LBMP_B 345033	78.84 -2.78 0.00	77.77 -2.82 0.00	71.61 -2.60 0.00	67.55 -2.60 0.00	68.34 -2.63 0.00	71.50 -2.82 0.00	67.12 -3.16 0.00	62.82 -3.06 -0.83	67.68 -3.86 0.00	75.23 -4.40 -2.38	84.85 -4.47 -3.34	83.81 -4.03 -5.53	83.14 -4.03 -5.01	80.86 -4.15 -5.20	78.26 -3.71 -7.84	66.98 -3.25 -7.74	72.22 -3.22 -9.73	78.20 -2.47 -8.03	78.21 -2.41 -11.63	70.69 -2.10 -11.13	76.05 -2.66 -8.72	59.69 -2.74 -6.58	61.93 -2.68 -8.76	63.18 -1.90 -9.12
STA_56__34_KV_BUS2 355983	78.84 -2.78 0.00	77.77 -2.82 0.00	71.61 -2.60 0.00	67.55 -2.60 0.00	68.34 -2.63 0.00	71.50 -2.82 0.00	67.12 -3.16 0.00	62.82 -3.06 -0.83	67.68 -3.86 0.00	75.23 -4.40 -2.38	84.85 -4.47 -3.34	83.81 -4.03 -5.53	83.14 -4.03 -5.01	80.86 -4.15 -5.20	78.26 -3.71 -7.84	66.98 -3.25 -7.74	72.22 -3.22 -9.73	78.20 -2.47 -8.03	78.21 -2.41 -11.63	70.69 -2.10 -11.13	76.05 -2.66 -8.72	59.69 -2.74 -6.58	61.93 -2.68 -8.76	63.18 -1.90 -9.12
STA_67__115KV_BK2 355882	79.01 -2.61 0.00	77.93 -2.66 0.00	71.76 -2.45 0.00	67.69 -2.46 0.00	68.49 -2.48 0.00	71.65 -2.68 0.00	67.19 -3.09 0.00	62.89 -2.99 -0.84	67.61 -3.93 0.00	75.25 -4.40 -2.40	84.77 -4.56 -3.36	83.76 -4.12 -5.56	83.08 -4.11 -5.03	80.89 -4.15 -5.23	78.31 -3.71 -7.89	66.96 -3.31 -7.78	72.28 -3.22 -9.79	78.25 -2.47 -8.09	78.28 -2.41 -11.71	70.83 -2.03 -11.20	76.11 -2.66 -8.78	59.64 -2.79 -6.59	61.98 -2.68 -8.82	63.34 -1.79 -9.17
STA_7__115KV_9TRANS 80674	79.58 -2.04 0.00	78.50 -2.10 0.00	72.28 -1.93 0.00	68.19 -1.96 0.00	68.98 -1.99 0.00	72.17 -2.16 0.00	67.68 -2.60 0.00	63.35 -2.54 -0.84	68.18 -3.36 0.00	75.87 -3.79 -2.40	85.55 -3.78 -3.36	84.51 -3.38 -5.56	83.82 -3.37 -5.04	81.53 -3.51 -5.24	78.91 -3.11 -7.90	67.46 -2.81 -7.79	72.81 -2.69 -9.80	78.91 -1.82 -8.09	78.91 -1.79 -11.72	71.33 -1.54 -11.21	76.68 -2.10 -8.78	60.09 -2.35 -6.59	62.44 -2.23 -8.82	63.69 -1.46 -9.18
STA_82__115KV_TB1 80780	79.01 -2.61 0.00	77.93 -2.66 0.00	71.76 -2.45 0.00	67.76 -2.39 0.00	68.49 -2.48 0.00	71.65 -2.68 0.00	67.19 -3.09 0.00	62.90 -2.99 -0.84	67.68 -3.86 0.00	75.26 -4.40 -2.41	84.87 -4.47 -3.37	83.87 -4.03 -5.58	83.18 -4.03 -5.05	80.91 -4.15 -5.26	78.35 -3.71 -7.93	67.05 -3.25 -7.81	72.33 -3.22 -9.83	78.36 -2.40 -8.13	78.41 -2.35 -11.76	70.88 -2.03 -11.25	76.15 -2.66 -8.82	59.71 -2.74 -6.60	62.08 -2.62 -8.86	63.39 -1.79 -9.22
STEEL__WIND 323596	77.95 -3.67 0.00	77.13 -3.46 0.00	71.02 -3.19 0.00	66.78 -3.37 0.00	67.42 -3.55 0.00	70.31 -4.01 0.00	65.78 -4.50 0.00	60.21 -5.92 -1.08	65.25 -6.30 0.00	73.41 -7.03 -3.18	81.23 -8.85 -4.11	81.27 -8.23 -7.18	79.84 -8.62 -6.31	78.15 -8.30 -6.65	76.86 -7.48 -10.22	65.59 -6.56 -9.66	71.76 -6.70 -12.76	75.76 -6.25 -9.37	76.46 -6.07 -13.55	69.43 -5.18 -12.95	73.91 -6.23 -10.15	55.87 -5.81 -5.84	60.62 -5.42 -10.19	62.69 -3.86 -10.59
STEPHTWN_115KV_BK_2 55603	116.71 4.49 -30.60	94.35 4.51 -9.25	113.78 4.08 -35.48	90.37 3.86 -16.37	89.22 3.90 -14.34	98.35 4.09 -19.94	114.71 3.80 -40.63	120.73 3.38 -52.30	144.03 3.86 -68.63	167.85 4.17 -86.41	159.42 4.90 -68.55	156.51 4.61 -69.58	158.73 4.60 -71.98	159.85 4.47 -75.57	145.18 4.15 -66.91	160.82 3.50 -94.83	178.15 3.61 -108.83	251.16 3.92 -174.60	204.60 3.73 -131.89	180.81 3.33 -115.82	169.13 3.85 -95.29	158.20 3.02 -99.34	152.26 3.07 -93.34	136.67 2.97 -77.74
STEUBEN_REC_LFGE 323667	83.38 0.08 -1.68	81.18 0.08 -0.51	76.31 0.15 -1.95	70.77 -0.28 -0.90	71.40 -0.35 -0.79	74.60 -0.82 -1.09	71.18 -1.34 -2.23	66.56 -2.34 -3.85	73.02 -2.29 -3.77	81.08 -2.78 -6.60	85.55 -4.30 -3.88	86.64 -4.20 -8.52	84.23 -4.27 -6.35	83.12 -4.15 -7.47	83.47 -3.56 -12.90	68.42 -3.00 -8.93	79.43 -2.76 -16.48	87.78 -2.25 -17.40	86.25 -2.21 -19.47	78.58 -1.60 -18.52	82.45 -2.10 -14.56	53.24 -2.23 0.37	68.38 -2.07 -14.60	69.90 -1.06 -15.00
STILLWATER__SOLAR 323814	144.88 5.80 -57.46	103.60 5.64 -17.37	146.03 5.19 -66.62	105.79 4.91 -30.73	102.87 4.97 -26.93	116.97 5.20 -37.44	151.63 5.06 -76.29	161.86 4.62 -92.19	205.62 5.22 -128.85	234.17 5.72 -151.19	198.54 6.19 -106.37	183.73 5.85 -95.57	189.34 5.92 -101.27	193.19 5.75 -107.63	148.29 5.19 -68.97	188.52 4.44 -121.59	210.65 4.73 -140.21	358.38 5.30 -280.44	247.05 4.97 -173.09	209.23 4.44 -143.13	196.88 4.90 -121.99	185.80 3.80 -126.16	177.03 3.80 -117.39	139.77 3.75 -80.06
STONY__BROOK 24151	122.75 8.00 -33.13	96.94 7.66 -8.69	95.31 6.97 -14.12	90.09 6.59 -13.35	90.12 6.75 -12.41	96.14 7.36 -14.45	133.99 7.24 -56.46	143.34 6.64 -71.65	138.82 7.37 -59.91	141.14 7.96 -55.92	165.44 9.02 -70.44	167.52 8.48 -76.72	164.70 8.46 -74.08	168.24 8.14 -80.29	163.68 7.78 -81.77	169.32 6.56 -100.27	176.86 7.03 -104.11	183.34 7.85 -102.86	186.32 7.45 -109.88	176.73 6.78 -108.28	168.86 7.56 -91.30	151.46 5.86 -89.76	144.90 5.75 -83.31	137.28 5.60 -75.72
STURGEON_POOL_HYD 23609	93.93 3.84 -8.48	86.94 3.79 -2.56	87.45 3.41 -9.83	77.98 3.30 -4.53	78.28 3.34 -3.97	83.49 3.64 -5.52	85.26 3.72 -11.25	86.92 3.38 -18.49	94.63 4.08 -19.01	113.14 4.56 -31.33	124.93 5.07 -33.88	129.82 4.86 -42.64	129.50 4.85 -42.50	128.19 4.63 -43.76	134.72 4.37 -56.22	130.09 3.75 -63.86	142.68 4.14 -72.83	157.17 4.65 -79.88	159.51 4.42 -86.10	147.04 3.88 -81.49	138.58 4.34 -64.25	126.67 3.18 -67.65	123.42 3.24 -64.33	124.31 3.02 -65.33
ST_LAW_115_BK7_LBMP 345037	80.06 -1.55 0.00	79.14 -1.45 0.00	73.02 -1.19 0.00	69.17 -0.98 0.00	69.91 -1.06 0.00	73.06 -1.26 0.00	69.02 -1.26 0.00	64.07 -0.97 0.00	70.26 -1.29 0.00	75.87 -1.39 0.00	84.25 -1.72 0.00	80.75 -1.57 0.00	80.68 -1.48 0.00	78.37 -1.43 0.00	72.64 -1.48 0.00	61.24 -1.25 0.00	64.33 -1.38 0.00	70.60 -2.03 0.00	66.92 -2.07 0.00	59.94 -1.73 0.00	68.25 -1.75 0.00	54.78 -1.06 0.00	54.84 -1.00 0.00	54.90 -1.06 0.00

ST_LAW_115_BK8_LBMP 345038	80.06 -1.55 0.00	79.14 -1.45 0.00	73.02 -1.19 0.00	69.17 -0.98 0.00	69.91 -1.06 0.00	73.06 -1.26 0.00	69.02 -1.26 0.00	64.07 -0.97 0.00	70.26 -1.29 0.00	75.87 -1.39 0.00	84.25 -1.72 0.00	80.75 -1.57 0.00	80.68 -1.48 0.00	78.37 -1.43 0.00	72.64 -1.48 0.00	61.24 -1.25 0.00	64.33 -1.38 0.00	70.60 -2.03 0.00	66.92 -2.07 0.00	59.94 -1.73 0.00	68.25 -1.75 0.00	54.78 -1.06 0.00	54.84 -1.00 0.00	54.90 -1.06 0.00
ST_LAW_230_BK5_LBMP 345035	80.15 -1.47 0.00	79.22 -1.37 0.00	73.02 -1.19 0.00	69.17 -0.98 0.00	69.98 -0.99 0.00	73.13 -1.19 0.00	69.09 -1.20 0.00	64.07 -0.97 0.00	70.32 -1.22 0.00	75.95 -1.31 0.00	84.34 -1.64 0.00	80.84 -1.48 0.00	80.76 -1.40 0.00	78.45 -1.36 0.00	72.71 -1.41 0.00	61.30 -1.19 0.00	64.40 -1.31 0.00	70.75 -1.89 0.00	67.06 -1.93 0.00	60.00 -1.66 0.00	68.39 -1.61 0.00	54.84 -1.00 0.00	54.84 -1.00 0.00	54.90 -1.06 0.00
ST_LAW_230_BK6_LBMP 345036	80.15 -1.47 0.00	79.22 -1.37 0.00	73.02 -1.19 0.00	69.17 -0.98 0.00	69.98 -0.99 0.00	73.13 -1.19 0.00	69.09 -1.20 0.00	64.07 -0.97 0.00	70.32 -1.22 0.00	75.95 -1.31 0.00	84.34 -1.64 0.00	80.84 -1.48 0.00	80.76 -1.40 0.00	78.45 -1.36 0.00	72.71 -1.41 0.00	61.30 -1.19 0.00	64.40 -1.31 0.00	70.75 -1.89 0.00	67.06 -1.93 0.00	60.00 -1.66 0.00	68.39 -1.61 0.00	54.84 -1.00 0.00	54.84 -1.00 0.00	54.90 -1.06 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	90.41 3.67 -5.12	85.69 3.55 -1.55	83.34 3.19 -5.93	75.90 3.02 -2.74	76.49 3.12 -2.40	81.08 3.42 -3.33	80.52 3.44 -6.79	81.16 3.12 -12.99	86.74 3.72 -11.48	103.76 4.17 -22.33	118.10 4.81 -27.31	123.41 4.61 -36.48	122.79 4.60 -36.03	121.19 4.47 -36.91	129.56 4.23 -51.21	121.86 3.56 -55.81	133.15 3.88 -63.57	139.71 4.29 -62.79	147.96 4.14 -74.84	137.33 3.70 -71.97	130.35 4.13 -56.23	118.31 3.13 -59.34	115.49 3.07 -56.57	118.48 2.91 -59.60
SWANROAD_115KV_TB1 355699	75.58 -6.04 0.00	74.63 -5.96 0.00	68.79 -5.42 0.00	64.96 -5.19 0.00	65.65 -5.32 0.00	68.38 -5.95 0.00	63.68 -6.61 0.00	58.70 -7.35 -1.01	63.10 -8.44 0.00	70.53 -9.66 -2.93	79.02 -10.83 -3.88	78.78 -10.21 -6.67	77.80 -10.27 -5.91	75.79 -10.21 -6.20	74.35 -9.27 -9.49	63.56 -8.00 -9.07	69.31 -8.21 -11.82	74.53 -7.92 -9.81	75.49 -7.66 -14.16	68.58 -6.60 -13.51	72.76 -7.84 -10.60	55.90 -6.98 -7.03	59.79 -6.70 -10.64	62.01 -4.98 -11.03
SYNERGY___BIOGAS 323694	79.25 -2.37 0.00	78.25 -2.34 0.00	72.06 -2.15 0.00	67.84 -2.31 0.00	68.56 -2.41 0.00	71.72 -2.60 0.00	66.98 -3.30 0.00	62.09 -3.90 -0.94	66.75 -4.79 0.00	74.66 -5.33 -2.74	83.73 -5.93 -3.68	82.90 -5.68 -6.26	81.75 -5.99 -5.59	79.75 -5.90 -5.85	77.76 -5.26 -8.90	66.46 -4.62 -8.60	72.25 -4.53 -11.07	76.81 -3.70 -7.88	76.83 -3.59 -11.43	69.52 -3.08 -10.94	74.58 -3.99 -8.57	57.20 -4.07 -5.43	60.61 -3.85 -8.61	62.48 -2.46 -8.98
SYRACUSE___ENERGY_ST1 323597	81.13 -0.49 0.00	80.19 -0.40 0.00	73.77 -0.45 0.00	69.59 -0.56 0.00	70.47 -0.50 0.00	73.73 -0.59 0.00	69.79 -0.49 0.00	65.31 -0.46 -0.72	70.97 -0.57 0.00	78.59 -0.70 -2.02	88.57 -0.77 -3.37	86.48 -0.74 -4.90	86.25 -0.66 -4.76	83.89 -0.72 -4.80	80.32 -0.59 -6.78	69.51 -0.44 -7.46	73.69 -0.39 -8.38	79.81 0.29 -6.89	79.34 0.34 -10.01	71.56 0.31 -9.59	77.71 0.21 -7.51	63.65 -0.11 -7.92	63.22 -0.17 -7.55	63.85 0.00 -7.89
SYRACUSE___ENERGY_ST2 323598	81.13 -0.49 0.00	80.19 -0.40 0.00	73.77 -0.45 0.00	69.59 -0.56 0.00	70.47 -0.50 0.00	73.73 -0.59 0.00	69.79 -0.49 0.00	65.31 -0.46 -0.72	70.97 -0.57 0.00	78.59 -0.70 -2.02	88.57 -0.77 -3.37	86.48 -0.74 -4.90	86.25 -0.66 -4.76	83.89 -0.72 -4.80	80.32 -0.59 -6.78	69.51 -0.44 -7.46	73.69 -0.39 -8.38	79.81 0.29 -6.89	79.34 0.34 -10.01	71.56 0.31 -9.59	77.71 0.21 -7.51	63.65 -0.11 -7.92	63.22 -0.17 -7.55	63.85 0.00 -7.89
SYRACUSE___POWER 24017	80.72 -0.90 0.00	79.79 -0.81 0.00	73.40 -0.82 0.00	69.24 -0.91 0.00	70.12 -0.85 0.00	73.36 -0.97 0.00	69.37 -0.91 0.00	64.94 -0.85 -0.74	70.54 -1.00 0.00	78.18 -1.16 -2.08	88.51 -1.20 -3.74	86.29 -1.15 -5.12	86.13 -1.15 -5.13	83.80 -1.12 -5.11	80.13 -0.96 -6.97	69.77 -0.81 -8.09	73.60 -0.72 -8.61	79.65 -0.07 -7.08	79.28 0.00 -10.29	71.46 -0.06 -9.86	77.50 -0.21 -7.72	64.79 -0.39 -9.33	63.16 -0.45 -7.76	63.78 -0.28 -8.10
TALLMAN___138KV_BK151 55660	90.71 3.84 -5.25	85.89 3.71 -1.59	83.64 3.34 -6.09	76.12 3.16 -2.81	76.70 3.26 -2.46	81.31 3.57 -3.42	80.84 3.58 -6.98	81.70 3.32 -13.34	87.26 3.93 -11.78	104.67 4.48 -22.92	119.33 5.33 -28.03	124.86 5.10 -37.44	124.22 5.09 -36.97	122.63 4.95 -37.88	131.33 4.67 -52.53	123.63 3.87 -57.26	135.14 4.21 -65.22	141.74 4.65 -64.46	150.29 4.48 -76.82	139.55 4.01 -73.88	132.26 4.55 -57.72	120.22 3.46 -60.91	117.27 3.35 -58.07	120.34 3.19 -61.18
TEALLAVE_115KV_TB7 355573	80.23 -1.39 0.00	79.30 -1.29 0.00	72.95 -1.26 0.00	68.82 -1.33 0.00	69.69 -1.28 0.00	72.98 -1.34 0.00	69.02 -1.27 0.00	64.51 -1.17 -0.64	70.11 -1.43 0.00	75.64 -1.62 0.00	85.45 -1.72 -1.20	83.22 -1.65 -2.55	82.93 -1.64 -2.42	80.67 -1.60 -2.47	78.73 -1.41 -6.02	66.12 -1.19 -4.82	70.23 -1.12 -5.64	75.17 -0.44 -2.97	74.72 -0.34 -6.07	68.00 -0.37 -6.71	74.30 -0.56 -4.87	60.35 -0.73 -5.23	60.21 -0.73 -5.09	62.40 -0.56 -7.00
TELGRAPH_34_KV_EAST 80808	77.78 -3.84 0.00	76.72 -3.87 0.00	70.80 -3.41 0.00	66.71 -3.44 0.00	67.49 -3.48 0.00	70.38 -3.94 0.00	65.64 -4.64 0.00	60.75 -5.27 -0.97	65.39 -6.15 0.00	72.97 -7.11 -2.81	81.74 -8.00 -3.76	81.09 -7.66 -6.43	80.23 -7.64 -5.72	78.05 -7.74 -5.99	76.37 -6.89 -9.14	65.21 -6.06 -8.79	70.97 -6.11 -11.37	76.55 -5.52 -9.43	77.22 -5.38 -13.62	70.04 -4.62 -13.00	74.52 -5.67 -10.20	57.47 -5.31 -6.93	61.00 -5.08 -10.24	63.06 -3.53 -10.62
TEMPLE___115KV_TB 2 55572	80.23 -1.39 0.00	79.30 -1.29 0.00	72.95 -1.26 0.00	68.89 -1.26 0.00	69.69 -1.28 0.00	72.98 -1.34 0.00	69.02 -1.27 0.00	64.46 -1.24 -0.65	70.11 -1.43 0.00	75.64 -1.62 0.00	85.47 -1.72 -1.21	83.25 -1.65 -2.58	83.05 -1.56 -2.45	80.70 -1.60 -2.49	78.81 -1.41 -6.09	66.18 -1.19 -4.88	70.30 -1.12 -5.70	75.20 -0.44 -3.00	74.79 -0.34 -6.15	68.08 -0.37 -6.79	74.36 -0.56 -4.92	60.41 -0.73 -5.29	60.27 -0.73 -5.15	62.48 -0.56 -7.08
TIANA____69_KV_BK 1 55817	123.07 8.32 -33.13	97.42 8.14 -8.69	95.83 7.50 -14.12	90.65 7.16 -13.35	90.69 7.31 -12.41	96.80 8.03 -14.45	134.75 8.01 -56.46	144.04 7.35 -71.65	139.18 7.73 -59.91	141.52 8.34 -55.92	166.55 10.14 -70.43	168.25 9.22 -76.72	165.35 9.12 -74.08	168.63 8.54 -80.29	164.20 8.30 -81.77	169.82 7.06 -100.27	177.32 7.49 -104.11	183.94 8.28 -103.02	186.77 7.73 -110.06	177.20 7.09 -108.45	169.33 7.91 -91.43	151.72 5.98 -89.90	145.09 5.81 -83.44	137.58 5.76 -75.85
TILDEN___115KV_TB1 80814	80.72 -0.90 0.00	79.79 -0.81 0.00	73.40 -0.82 0.00	69.24 -0.91 0.00	70.12 -0.85 0.00	73.36 -0.97 0.00	69.37 -0.91 0.00	64.94 -0.85 -0.74	70.54 -1.00 0.00	78.18 -1.16 -2.08	88.51 -1.20 -3.74	86.29 -1.15 -5.12	86.13 -1.15 -5.13	83.80 -1.12 -5.11	80.13 -0.96 -6.97	69.77 -0.81 -8.09	73.60 -0.72 -8.61	79.65 -0.07 -7.08	79.28 0.00 -10.29	71.46 -0.06 -9.86	77.50 -0.21 -7.72	64.79 -0.39 -9.33	63.16 -0.45 -7.76	63.78 -0.28 -8.10

TRIGEN___CC 323695	120.63 5.88 -33.13	94.84 5.56 -8.69	93.38 5.05 -14.12	88.34 4.84 -13.35	88.27 4.90 -12.41	94.05 5.28 -14.45	131.97 5.27 -56.42	141.47 4.81 -71.61	137.10 5.65 -59.91	139.51 6.34 -55.92	163.67 7.31 -70.39	166.03 7.00 -76.72	163.22 6.98 -74.08	166.88 6.78 -80.29	162.27 6.37 -81.77	168.07 5.31 -100.27	175.54 5.72 -104.11	181.98 6.32 -103.02	185.12 6.07 -110.06	175.49 5.43 -108.41	167.54 6.16 -91.39	150.49 4.75 -89.90	143.86 4.58 -83.44	136.23 4.42 -75.85
TRINITY___115KV___4 BK 55933	117.03 3.51 -31.90	93.86 3.63 -9.64	114.46 3.27 -36.99	90.30 3.09 -17.06	89.05 3.12 -14.95	98.38 3.27 -20.79	115.58 2.95 -42.35	121.95 2.67 -54.23	146.08 3.00 -71.54	170.05 3.24 -89.55	160.23 3.87 -70.39	156.88 3.70 -70.86	159.27 3.70 -73.42	160.46 3.51 -77.15	144.51 3.34 -67.05	161.40 2.75 -96.16	178.86 2.76 -110.39	255.37 2.98 -179.76	205.76 2.83 -133.94	181.39 2.53 -117.20	169.56 2.94 -96.63	158.87 2.35 -100.68	152.86 2.46 -94.55	136.22 2.35 -77.91
UNION___PROCESSING_DRP 323587	79.01 -2.61 0.00	77.93 -2.66 0.00	71.84 -2.37 0.00	67.76 -2.39 0.00	68.56 -2.41 0.00	71.72 -2.60 0.00	67.19 -3.09 0.00	62.96 -2.93 -0.84	67.68 -3.86 0.00	75.34 -4.33 -2.41	84.88 -4.47 -3.37	83.87 -4.03 -5.59	83.19 -4.03 -5.06	80.92 -4.15 -5.26	78.43 -3.63 -7.94	67.06 -3.25 -7.82	72.33 -3.22 -9.84	78.37 -2.40 -8.13	78.42 -2.35 -11.77	70.89 -2.03 -11.26	76.23 -2.59 -8.83	59.72 -2.74 -6.61	62.09 -2.62 -8.86	63.39 -1.79 -9.22
UPPER HUDSON___HYD 24058	148.50 6.77 -60.11	105.37 6.61 -18.17	150.07 6.16 -69.70	108.05 5.75 -32.15	104.97 5.82 -28.18	119.66 6.17 -39.17	156.06 5.97 -79.81	166.66 5.46 -96.15	212.64 6.30 -134.80	241.81 6.96 -157.59	203.68 7.57 -110.14	187.52 6.99 -98.20	193.53 7.14 -104.23	197.54 6.86 -110.87	149.61 6.15 -69.34	192.11 5.25 -124.37	214.76 5.58 -143.46	369.94 6.32 -290.99	252.19 5.86 -177.34	212.92 5.24 -146.02	200.50 5.74 -124.77	189.32 4.52 -128.96	180.23 4.47 -119.91	140.86 4.42 -80.48
UPPER RAQUET___HYD 24056	81.45 -0.16 0.00	80.51 -0.08 0.00	74.36 0.15 0.00	70.50 0.35 0.00	71.25 0.29 0.00	74.32 0.00 0.00	70.28 0.00 0.00	65.48 0.33 -0.10	71.54 0.00 0.00	77.03 -0.23 0.00	85.57 -0.60 -0.19	82.24 -0.49 -0.41	82.14 -0.32 -0.39	79.89 -0.40 -0.40	74.59 -0.52 -0.98	62.77 -0.50 -0.78	65.64 -0.98 -0.91	70.68 -1.96 0.00	66.99 -2.00 0.00	59.94 -1.73 0.00	68.66 -1.33 0.00	55.46 -0.39 0.00	55.68 -0.17 0.00	55.74 -0.22 0.00
VALLEY44_115KV_TB2 355964	79.20 -3.84 -1.42	77.23 -3.79 -0.43	72.97 -2.89 -1.65	67.89 -3.02 -0.76	68.58 -3.05 -0.67	71.68 -3.57 -0.93	68.16 -4.01 -1.89	61.70 -6.63 -3.29	69.44 -5.29 -3.19	76.77 -6.10 -5.61	81.84 -9.20 -5.06	80.97 -9.22 -7.87	79.89 -9.28 -7.02	78.27 -9.10 -7.57	77.11 -8.23 -11.21	65.81 -7.12 -10.44	72.60 -7.36 -14.25	80.43 -7.12 -14.91	78.97 -6.83 -16.81	71.70 -5.98 -16.02	75.50 -7.07 -12.58	56.95 -6.31 -7.41	62.38 -6.09 -12.62	64.30 -4.70 -13.03
VALLEY___115KV_TB 1-4 80826	83.98 2.37 0.00	82.85 2.26 0.00	76.22 2.00 0.00	72.04 1.89 0.00	72.89 1.92 0.00	76.40 2.08 0.00	72.25 1.97 0.00	66.93 1.89 0.00	73.62 2.07 0.00	79.50 2.24 0.00	88.55 2.58 0.00	84.79 2.47 0.00	84.62 2.46 0.00	82.20 2.39 0.00	76.35 2.22 0.00	64.36 1.87 0.00	67.48 1.77 0.00	74.45 1.82 0.00	70.71 1.72 0.00	63.20 1.54 0.00	71.67 1.68 0.00	57.24 1.40 0.00	57.30 1.45 0.00	57.42 1.46 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	95.97 6.12 -8.23	89.04 5.96 -2.49	89.02 5.27 -9.54	79.53 4.98 -4.40	79.80 4.97 -3.86	85.04 5.35 -5.36	86.48 5.27 -10.93	84.70 4.94 -14.71	95.50 5.51 -18.45	109.21 5.95 -26.00	115.26 6.88 -22.41	112.55 6.17 -24.06	112.89 6.16 -24.57	111.37 5.99 -25.58	103.62 5.41 -24.08	100.19 4.56 -33.14	108.17 4.73 -37.73	133.02 5.59 -54.80	120.30 5.38 -45.93	107.18 4.81 -40.71	108.63 5.32 -33.32	94.70 4.08 -34.77	92.59 4.02 -32.72	88.09 4.14 -27.99
VISCHER___FERRY HYD 24020	135.02 4.90 -48.51	100.01 4.75 -14.66	134.83 4.38 -56.24	100.23 4.14 -25.94	97.89 4.19 -22.74	110.39 4.46 -31.61	138.97 4.29 -64.40	147.74 3.84 -78.85	184.76 4.44 -108.78	211.63 4.79 -129.58	184.80 5.16 -93.67	173.90 4.86 -86.73	178.33 4.85 -91.33	181.29 4.71 -96.77	146.41 4.37 -67.91	178.53 3.69 -112.35	199.03 3.94 -129.38	321.97 4.43 -244.91	232.03 4.14 -158.91	198.91 3.70 -133.55	186.86 4.13 -112.73	175.87 3.18 -116.84	168.09 3.24 -109.01	137.91 3.13 -78.82
V_A_10_SYNC_DSASP 323832	77.05 -4.57 0.00	76.16 -4.43 0.00	70.20 -4.01 0.00	66.08 -4.07 0.00	66.78 -4.19 0.00	69.79 -4.54 0.00	65.22 -5.06 0.00	60.76 -5.21 -0.92	64.81 -6.73 0.00	72.50 -7.42 -2.66	82.03 -7.57 -3.62	81.52 -6.91 -6.11	80.40 -7.23 -5.48	78.50 -7.02 -5.72	76.44 -6.38 -8.69	65.36 -5.56 -8.43	70.86 -5.65 -10.80	75.11 -5.16 -7.63	75.03 -5.03 -11.08	67.96 -4.32 -10.61	73.12 -5.18 -8.31	56.26 -4.97 -5.38	59.62 -4.58 -8.35	61.38 -3.30 -8.72
V_CMM_10_SYNC_DSASP 323787	80.47 -1.14 0.00	79.54 -1.05 0.00	73.47 -0.74 0.00	69.59 -0.56 0.00	70.40 -0.57 0.00	73.51 -0.82 0.00	69.44 -0.84 0.00	64.46 -0.59 0.00	70.61 -0.93 0.00	76.25 -1.01 0.00	84.69 -1.29 0.00	81.17 -1.15 0.00	81.08 -1.07 0.00	78.76 -1.04 0.00	73.01 -1.11 0.00	61.61 -0.87 0.00	64.66 -1.05 0.00	70.97 -1.67 0.00	67.27 -1.72 0.00	60.25 -1.42 0.00	68.66 -1.33 0.00	55.12 -0.73 0.00	55.18 -0.67 0.00	55.18 -0.78 0.00
V_CMP_10_SYNC_DSASP 323788	82.19 0.58 0.00	81.32 0.72 0.00	75.17 0.96 0.00	71.41 1.26 0.00	72.18 1.21 0.00	75.29 0.96 0.00	70.63 0.35 0.00	65.56 0.52 0.00	71.83 0.29 0.00	77.57 0.31 0.00	85.89 -0.09 0.00	82.40 0.08 0.00	82.40 0.25 0.00	80.04 0.24 0.00	73.98 -0.15 0.00	62.43 -0.06 0.00	65.51 -0.20 0.00	71.62 -1.02 0.00	67.75 -1.24 0.00	60.67 -0.99 0.00	69.29 -0.70 0.00	55.57 -0.28 0.00	55.62 -0.22 0.00	56.19 0.22 0.00
V_D_10_SYNC_DSASP 323841	80.96 -0.66 0.00	80.11 -0.48 0.00	73.92 -0.30 0.00	70.08 -0.07 0.00	70.83 -0.14 0.00	73.95 -0.37 0.00	69.86 -0.42 0.00	64.85 -0.19 0.00	71.11 -0.43 0.00	76.72 -0.54 0.00	85.03 -0.94 0.00	81.58 -0.74 0.00	81.49 -0.66 0.00	79.25 -0.55 0.00	73.38 -0.74 0.00	61.93 -0.56 0.00	64.99 -0.72 0.00	71.18 -1.45 0.00	67.47 -1.52 0.00	60.43 -1.23 0.00	68.94 -1.05 0.00	55.40 -0.45 0.00	55.46 -0.39 0.00	55.51 -0.45 0.00
V_E_10_SYNC_DSASP 323830	94.42 8.98 -3.83	90.69 8.94 -1.16	86.59 7.94 -4.44	79.49 7.30 -2.05	79.93 7.16 -1.79	84.47 7.66 -2.49	82.74 7.38 -5.08	79.40 6.83 -7.53	87.28 7.15 -8.58	97.68 7.26 -13.16	108.32 7.90 -14.44	104.64 6.83 -15.50	105.30 6.57 -16.57	102.80 6.30 -16.69	97.57 5.79 -17.66	91.78 5.06 -24.23	95.90 5.52 -24.67	109.19 7.04 -29.51	104.30 6.90 -28.42	93.97 6.17 -26.14	97.59 6.65 -20.94	89.92 4.80 -29.27	81.33 4.69 -20.80	80.69 5.04 -19.69
V_F_30_NSYNC___DSASP 323816	146.06 5.80 -58.65	103.96 5.64 -17.72	147.48 5.27 -68.00	106.43 4.91 -31.37	103.43 4.97 -27.49	117.82 5.28 -38.22	153.27 5.13 -77.86	163.63 4.62 -93.96	208.35 5.29 -131.52	237.04 5.72 -154.06	200.31 6.27 -108.06	185.00 5.93 -96.75	190.74 5.99 -102.60	194.71 5.82 -109.08	148.53 5.26 -69.14	189.83 4.50 -122.84	212.17 4.79 -141.67	363.18 5.37 -285.17	249.01 5.03 -174.99	210.58 4.50 -144.42	198.19 4.97 -123.23	187.11 3.85 -127.41	178.21 3.85 -118.52	140.02 3.81 -80.25

V_F_30_SYNC_DSASP 323786	124.03 3.75 -38.66	96.06 3.79 -11.68	122.52 3.49 -44.82	94.12 3.30 -20.68	92.43 3.34 -18.12	103.01 3.49 -25.19	124.77 3.16 -51.32	132.12 2.80 -64.27	161.38 3.15 -86.69	186.58 3.48 -105.85	170.01 4.13 -79.91	163.68 3.95 -77.41	166.89 3.94 -80.79	168.86 3.83 -85.22	145.28 3.56 -67.60	168.41 3.00 -102.92	187.04 3.02 -118.31	282.32 3.27 -206.42	216.38 3.04 -144.36	188.50 2.71 -124.12	176.60 3.22 -103.38	165.83 2.51 -107.47	159.11 2.62 -100.64	137.03 2.52 -78.55
V_XM_10_SYNC_DSASP 323789	82.19 0.58 0.00	81.32 0.72 0.00	75.17 0.96 0.00	71.41 1.26 0.00	72.18 1.21 0.00	75.29 0.96 0.00	70.63 0.35 0.00	65.56 0.52 0.00	71.83 0.29 0.00	77.57 0.31 0.00	85.89 -0.09 0.00	82.40 0.08 0.00	82.40 0.25 0.00	80.04 0.24 0.00	73.98 -0.15 0.00	62.43 -0.06 0.00	65.51 -0.20 0.00	71.62 -1.02 0.00	67.75 -1.24 0.00	60.67 -0.99 0.00	69.29 -0.70 0.00	55.57 -0.28 0.00	55.62 -0.22 0.00	56.19 0.22 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	90.99 4.08 -5.29	86.06 3.87 -1.60	83.83 3.49 -6.13	76.34 3.37 -2.83	76.85 3.41 -2.48	81.48 3.72 -3.44	81.10 3.80 -7.02	81.91 3.45 -13.41	87.55 4.15 -11.85	105.03 4.71 -23.06	119.75 5.59 -28.19	125.32 5.35 -37.65	124.76 5.42 -37.19	123.08 5.19 -38.09	131.85 4.89 -52.83	124.20 4.12 -57.59	135.77 4.47 -65.59	142.41 4.94 -64.84	151.01 4.76 -77.26	140.22 4.25 -74.30	132.81 4.76 -58.05	120.73 3.63 -61.26	117.82 3.57 -58.40	120.85 3.36 -61.53
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	92.49 5.39 -5.49	87.33 5.08 -1.66	85.17 4.60 -6.36	77.43 4.35 -2.93	78.01 4.47 -2.57	82.73 4.83 -3.58	82.49 4.92 -7.28	83.50 4.55 -13.90	89.21 5.37 -12.30	107.28 6.10 -23.92	122.14 6.96 -29.20	127.96 6.67 -38.97	127.30 6.65 -38.50	125.63 6.38 -39.44	134.82 6.08 -54.62	127.14 5.06 -59.59	139.03 5.45 -67.86	145.91 6.03 -67.25	154.93 5.86 -80.08	143.85 5.18 -77.01	136.11 5.95 -60.17	123.86 4.52 -63.49	120.73 4.36 -60.53	123.87 4.14 -63.76
W50THST__13_KV_LOAD 356117	92.57 5.47 -5.49	87.41 5.16 -1.66	85.25 4.68 -6.36	77.50 4.42 -2.93	78.08 4.54 -2.57	82.80 4.91 -3.58	82.56 4.99 -7.28	83.50 4.55 -13.90	89.21 5.37 -12.30	107.28 6.10 -23.92	122.23 7.05 -29.20	127.96 6.67 -38.97	127.39 6.74 -38.50	125.71 6.46 -39.44	134.82 6.08 -54.62	127.20 5.12 -59.59	139.03 5.45 -67.86	145.99 6.10 -67.25	154.93 5.86 -80.08	143.85 5.18 -77.01	136.11 5.95 -60.17	123.91 4.58 -63.49	120.73 4.36 -60.53	123.92 4.20 -63.76
WADING RIVER_IC_1 23522	122.75 8.00 -33.13	97.02 7.74 -8.69	95.39 7.05 -14.12	90.23 6.74 -13.35	90.26 6.88 -12.41	96.28 7.50 -14.45	134.27 7.52 -56.46	143.59 6.89 -71.65	138.47 7.02 -59.91	140.60 7.42 -55.92	165.43 9.02 -70.43	167.27 8.23 -76.72	164.45 8.21 -74.08	167.76 7.66 -80.29	163.38 7.48 -81.77	169.07 6.31 -100.27	176.59 6.77 -104.11	182.91 7.41 -102.86	185.83 6.96 -109.88	176.60 6.66 -108.28	168.92 7.63 -91.30	151.24 5.64 -89.76	144.85 5.70 -83.31	137.28 5.60 -75.72
WADING RIVER_IC_2 23547	122.75 8.00 -33.13	97.02 7.74 -8.69	95.39 7.05 -14.12	90.23 6.74 -13.35	90.26 6.88 -12.41	96.28 7.50 -14.45	134.27 7.52 -56.46	143.59 6.89 -71.65	138.47 7.02 -59.91	140.60 7.42 -55.92	165.43 9.02 -70.43	167.27 8.23 -76.72	164.45 8.21 -74.08	167.76 7.66 -80.29	163.38 7.48 -81.77	169.07 6.31 -100.27	176.59 6.77 -104.11	182.91 7.41 -102.86	185.83 6.96 -109.88	176.60 6.66 -108.28	168.92 7.63 -91.30	151.24 5.64 -89.76	144.85 5.70 -83.31	137.28 5.60 -75.72
WADING RIVER_IC_3 23601	122.75 8.00 -33.13	97.02 7.74 -8.69	95.39 7.05 -14.12	90.23 6.74 -13.35	90.26 6.88 -12.41	96.28 7.50 -14.45	134.27 7.52 -56.46	143.59 6.89 -71.65	138.47 7.02 -59.91	140.60 7.42 -55.92	165.43 9.02 -70.43	167.27 8.23 -76.72	164.45 8.21 -74.08	167.76 7.66 -80.29	163.38 7.48 -81.77	169.07 6.31 -100.27	176.59 6.77 -104.11	182.91 7.41 -102.86	185.83 6.96 -109.88	176.60 6.66 -108.28	168.92 7.63 -91.30	151.24 5.64 -89.76	144.85 5.70 -83.31	137.28 5.60 -75.72
WALDENNY_12_KV_BK2 80841	77.94 -3.67 0.00	76.88 -3.71 0.00	70.95 -3.27 0.00	66.85 -3.30 0.00	67.56 -3.41 0.00	70.38 -3.94 0.00	65.78 -4.50 0.00	60.27 -5.85 -1.08	65.39 -6.15 0.00	73.31 -7.11 -3.15	81.37 -8.68 -4.08	81.13 -8.31 -7.13	80.04 -8.38 -6.27	78.11 -8.30 -6.60	76.78 -7.49 -10.15	65.59 -6.50 -9.60	71.67 -6.70 -12.66	76.99 -6.17 -10.53	78.15 -6.00 -15.17	70.95 -5.18 -14.47	75.19 -6.16 -11.36	57.33 -5.70 -7.18	61.83 -5.42 -11.40	63.95 -3.81 -11.79
WALDEN__HYDRO 24148	91.38 4.24 -5.52	86.37 4.11 -1.67	84.33 3.71 -6.40	76.61 3.51 -2.95	77.18 3.62 -2.59	81.86 3.94 -3.60	81.55 3.94 -7.33	82.42 3.58 -13.80	88.15 4.22 -12.38	105.71 4.79 -23.66	119.92 5.33 -28.62	125.47 5.10 -38.05	124.93 5.18 -37.60	123.29 4.95 -38.54	131.96 4.67 -53.17	124.54 3.94 -58.11	136.24 4.34 -66.20	143.41 4.87 -65.91	151.50 4.62 -77.89	140.61 4.13 -74.81	133.04 4.55 -58.49	121.02 3.46 -61.71	118.13 3.46 -58.82	121.01 3.25 -61.80
WARRENSBURG____ 23737	148.50 6.77 -60.11	105.37 6.61 -18.17	150.07 6.16 -69.70	108.05 5.75 -32.15	104.97 5.82 -28.18	119.66 6.17 -39.17	156.06 5.97 -79.81	166.66 5.46 -96.15	212.64 6.30 -134.80	241.81 6.96 -157.59	203.68 7.57 -110.14	187.52 6.99 -98.20	193.53 7.14 -104.23	197.54 6.86 -110.87	149.61 6.15 -69.34	192.11 5.25 -124.37	214.76 5.58 -143.46	369.94 6.32 -290.99	252.19 5.86 -177.34	212.92 5.24 -146.02	200.50 5.74 -124.77	189.32 4.52 -128.96	180.23 4.47 -119.91	140.86 4.42 -80.48
WATERSIDE____6 8 9 23538	92.42 5.31 -5.50	87.26 5.00 -1.67	85.03 4.45 -6.37	77.37 4.28 -2.94	77.88 4.33 -2.58	82.59 4.68 -3.58	82.35 4.78 -7.29	83.25 4.29 -13.91	88.93 5.08 -12.31	107.06 5.87 -23.93	121.98 6.79 -29.22	127.64 6.34 -38.99	127.07 6.41 -38.51	125.40 6.14 -39.45	134.54 5.78 -54.63	126.97 4.87 -59.60	138.85 5.26 -67.88	145.79 5.88 -67.27	154.74 5.66 -80.10	143.68 4.99 -77.03	135.92 5.74 -60.19	123.77 4.41 -63.51	120.64 4.24 -60.55	123.77 4.03 -63.78
WATKINRD_115KV_LN8_ILLION 55919	83.49 1.88 0.00	82.45 1.85 0.00	75.84 1.63 0.00	71.69 1.54 0.00	72.53 1.56 0.00	76.03 1.71 0.00	71.90 1.62 0.00	66.61 1.56 0.00	73.26 1.72 0.00	79.11 1.85 0.00	88.12 2.15 0.00	84.29 1.98 0.00	84.13 1.97 0.00	81.72 1.92 0.00	75.90 1.78 0.00	63.99 1.50 0.00	67.16 1.45 0.00	74.16 1.53 0.00	70.44 1.45 0.00	62.96 1.29 0.00	71.39 1.40 0.00	56.96 1.12 0.00	57.02 1.17 0.00	57.14 1.18 0.00
WATSON__69_KV_BK 1 55734	123.97 9.22 -33.13	98.23 8.95 -8.69	96.43 8.09 -14.12	91.14 7.65 -13.35	91.11 7.74 -12.41	97.10 8.32 -14.45	134.45 7.73 -56.43	143.11 6.44 -71.62	139.96 8.51 -59.91	142.53 9.35 -55.92	164.89 8.51 -70.41	169.00 9.96 -76.72	166.18 9.94 -74.08	169.75 9.66 -80.29	165.01 9.12 -81.77	170.51 7.75 -100.27	178.10 8.28 -104.11	184.96 9.30 -103.02	187.95 8.90 -110.06	177.60 7.52 -108.42	170.01 8.61 -91.40	152.56 6.81 -89.90	145.82 6.53 -83.44	138.19 6.38 -75.85
WDELAWARE__HYD 323627	92.16 4.65 -5.89	86.88 4.51 -1.78	85.12 4.08 -6.83	77.23 3.93 -3.15	77.70 3.97 -2.76	82.55 4.38 -3.84	82.46 4.36 -7.82	83.03 3.97 -14.02	89.40 4.65 -13.21	106.31 5.10 -23.95	119.47 5.59 -27.91	124.06 5.27 -36.47	123.47 5.18 -36.14	121.84 4.95 -37.09	128.93 4.75 -50.06	121.91 4.06 -55.36	133.46 4.67 -63.09	142.45 5.23 -64.58	148.10 4.97 -74.14	136.94 4.38 -70.90	130.33 4.76 -55.57	118.02 3.58 -58.59	115.24 3.58 -55.81	117.36 3.36 -58.04

WEST BABYLON___IC 23714	122.91 8.16 -33.13	97.10 7.82 -8.69	95.39 7.05 -14.12	90.23 6.73 -13.35	90.19 6.81 -12.41	96.13 7.36 -14.45	133.73 7.03 -56.42	142.83 6.18 -71.61	139.03 7.58 -59.91	141.52 8.34 -55.92	165.05 8.68 -70.39	168.01 8.97 -76.72	165.19 8.95 -74.08	168.79 8.70 -80.29	164.12 8.23 -81.77	169.70 6.94 -100.27	177.25 7.43 -104.11	184.01 8.35 -103.02	187.05 8.00 -110.06	177.04 6.97 -108.41	169.29 7.91 -91.39	151.94 6.20 -89.90	145.20 5.92 -83.44	137.58 5.76 -75.85
WEST CANADA___HYD 24049	82.60 0.98 0.00	81.48 0.89 0.00	75.03 0.82 0.00	70.92 0.77 0.00	71.75 0.78 0.00	75.22 0.90 0.00	71.13 0.85 0.00	65.83 0.78 0.00	72.40 0.86 0.00	78.19 0.93 0.00	87.09 1.11 0.00	83.31 0.99 0.00	83.14 0.99 0.00	80.77 0.96 0.00	75.02 0.89 0.00	63.24 0.75 0.00	66.50 0.79 0.00	73.36 0.73 0.00	69.68 0.69 0.00	62.28 0.62 0.00	70.69 0.70 0.00	56.35 0.50 0.00	56.35 0.50 0.00	56.46 0.50 0.00
WESTERN_NY_WIND 24143	79.17 -2.45 0.00	78.09 -2.50 0.00	71.91 -2.30 0.00	67.83 -2.31 0.00	68.56 -2.41 0.00	71.65 -2.68 0.00	66.84 -3.44 0.00	62.03 -3.97 -0.95	66.82 -4.72 0.00	74.46 -5.56 -2.77	83.41 -6.28 -3.71	82.63 -6.01 -6.33	81.80 -6.00 -5.64	79.56 -6.14 -5.90	77.71 -5.41 -8.99	66.35 -4.81 -8.67	72.17 -4.73 -11.19	78.06 -3.85 -9.28	78.59 -3.79 -13.40	71.25 -3.21 -12.80	75.90 -4.13 -10.04	58.60 -4.13 -6.89	61.96 -3.97 -10.08	63.84 -2.57 -10.45
WESTOVER___LESR 323668	84.50 0.33 -2.56	81.69 0.32 -0.77	77.47 0.30 -2.96	71.66 0.14 -1.37	72.31 0.14 -1.20	76.06 0.07 -1.67	73.68 0.00 -3.39	70.31 -0.46 -5.72	76.92 -0.36 -5.73	86.69 -0.46 -9.90	95.56 -0.77 -10.37	95.19 -0.82 -13.70	94.63 -0.82 -13.30	92.75 -0.88 -13.82	91.65 -0.74 -18.27	81.75 -0.62 -19.89	88.83 -0.53 -23.65	98.17 0.00 -25.53	96.99 0.00 -28.00	88.16 0.00 -26.50	90.74 -0.14 -20.89	74.92 -0.45 -19.53	76.37 -0.39 -20.92	77.14 -0.06 -21.24
WETHRSFD_WT_PWR 323626	79.95 -3.10 -1.43	78.13 -2.90 -0.43	73.20 -2.67 -1.66	67.90 -3.01 -0.76	68.45 -3.19 -0.67	71.54 -3.71 -0.93	68.03 -4.15 -1.90	63.09 -5.27 -3.31	69.09 -5.65 -3.21	76.65 -6.26 -5.64	83.00 -7.91 -4.94	82.76 -7.41 -7.85	81.44 -7.64 -6.92	80.04 -7.26 -7.50	78.85 -6.52 -11.25	67.11 -5.62 -10.25	74.35 -5.65 -14.30	77.88 -5.30 -10.54	79.01 -5.18 -15.20	71.79 -4.38 -14.51	76.13 -5.25 -11.38	56.42 -4.91 -5.49	62.69 -4.58 -11.43	64.49 -3.30 -11.83
WHAVSTOR_138KV_BK127 55557	90.75 3.84 -5.29	85.82 3.63 -1.60	83.61 3.27 -6.14	76.14 3.16 -2.83	76.64 3.19 -2.48	81.26 3.49 -3.45	80.82 3.51 -7.03	81.73 3.25 -13.43	87.27 3.86 -11.87	104.83 4.48 -23.09	119.44 5.24 -28.22	125.11 5.10 -37.69	124.47 5.09 -37.23	122.89 4.95 -38.14	131.61 4.60 -52.89	124.01 3.87 -57.65	135.58 4.21 -65.66	142.20 4.65 -64.91	150.82 4.48 -77.35	140.06 4.01 -74.39	132.66 4.55 -58.12	120.64 3.46 -61.33	117.67 3.35 -58.47	120.76 3.19 -61.60
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	90.75 3.84 -5.29	85.82 3.63 -1.60	83.61 3.27 -6.14	76.14 3.16 -2.83	76.64 3.19 -2.48	81.26 3.49 -3.45	80.82 3.51 -7.03	81.73 3.25 -13.43	87.27 3.86 -11.87	104.83 4.48 -23.09	119.44 5.24 -28.22	125.11 5.10 -37.69	124.47 5.09 -37.23	122.89 4.95 -38.14	131.61 4.60 -52.89	124.01 3.87 -57.65	135.58 4.21 -65.66	142.20 4.65 -64.91	150.82 4.48 -77.35	140.06 4.01 -74.39	132.66 4.55 -58.12	120.64 3.46 -61.33	117.67 3.35 -58.47	120.76 3.19 -61.60
WHITEHAL_115KV_TB1 80871	147.98 6.86 -59.51	105.18 6.61 -17.98	149.36 6.16 -68.99	107.80 5.82 -31.82	104.75 5.89 -27.89	119.27 6.17 -38.77	155.33 6.04 -79.00	165.88 5.59 -95.24	211.49 6.51 -133.44	240.42 7.03 -156.13	202.99 7.74 -109.28	187.08 7.16 -97.60	193.02 7.31 -103.55	196.88 6.94 -110.13	149.61 6.23 -69.25	191.66 5.44 -123.73	214.28 5.85 -142.72	367.92 6.61 -288.67	251.60 6.14 -176.48	212.61 5.49 -145.46	200.15 5.95 -124.21	188.83 4.58 -128.40	179.73 4.47 -119.41	140.86 4.42 -80.47
WHITEPLN_13_KV_LOAD 356215	92.49 5.39 -5.48	87.41 5.16 -1.66	85.24 4.68 -6.35	77.50 4.42 -2.93	78.08 4.54 -2.57	82.72 4.83 -3.57	82.41 4.85 -7.28	83.35 4.42 -13.88	89.13 5.29 -12.29	107.09 5.95 -23.88	122.01 6.88 -29.16	127.74 6.50 -38.92	127.16 6.57 -38.44	125.57 6.38 -39.38	134.61 5.93 -54.55	126.99 5.00 -59.50	138.80 5.32 -67.77	145.79 6.03 -67.12	154.63 5.73 -79.92	143.63 5.12 -76.85	135.78 5.74 -60.05	123.62 4.41 -63.36	120.56 4.30 -60.41	123.74 4.14 -63.64
WM_FLOYD_69_KV_BK2 356380	122.67 7.92 -33.13	97.02 7.74 -8.69	95.31 6.98 -14.12	90.16 6.66 -13.35	90.19 6.81 -12.41	96.21 7.43 -14.45	134.12 7.38 -56.46	143.46 6.76 -71.65	138.60 7.15 -59.91	140.90 7.73 -55.92	165.78 9.37 -70.43	167.51 8.48 -76.72	164.70 8.46 -74.08	168.08 7.98 -80.29	163.60 7.71 -81.77	169.38 6.62 -100.27	176.86 7.03 -104.11	183.43 7.77 -103.02	186.36 7.31 -110.06	176.89 6.78 -108.45	169.12 7.70 -91.43	151.61 5.86 -89.90	144.98 5.70 -83.44	137.41 5.60 -75.85
WOODARD___115KV_TB2 355635	80.31 -1.31 0.00	79.38 -1.21 0.00	73.02 -1.19 0.00	68.89 -1.26 0.00	69.76 -1.21 0.00	72.98 -1.34 0.00	69.02 -1.27 0.00	64.60 -1.11 -0.66	70.18 -1.36 0.00	75.71 -1.55 0.00	85.57 -1.63 -1.23	83.37 -1.56 -2.62	83.16 -1.48 -2.49	80.82 -1.52 -2.53	78.96 -1.33 -6.17	66.37 -1.06 -4.95	70.44 -1.05 -5.78	75.32 -0.36 -3.05	74.94 -0.28 -6.23	68.24 -0.31 -6.89	74.49 -0.49 -4.99	60.54 -0.67 -5.36	60.40 -0.67 -5.23	62.63 -0.50 -7.18
YORK___WARBASSE 23770	147.98 5.55 -60.82	144.57 5.24 -58.74	144.40 4.68 -65.51	77.56 4.42 -2.99	144.29 4.47 -68.84	144.33 4.83 -65.17	145.75 4.99 -70.48	148.95 4.49 -79.42	149.09 5.29 -72.25	192.67 6.10 -109.31	152.25 7.05 -59.23	149.40 6.67 -60.41	149.30 6.65 -60.49	149.27 6.38 -63.08	152.09 6.08 -71.89	151.94 5.12 -84.32	234.52 5.52 -163.29	253.70 6.25 -174.82	260.62 6.07 -185.56	251.78 5.30 -184.82	214.14 6.09 -138.06	153.10 4.69 -92.57	149.21 4.47 -88.90	147.74 4.20 -87.58