

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

01/25/2025

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
59TH STREET_GT_1 24138	126.26	123.47	93.76	111.36	128.91	161.76	105.05	100.78	106.34	109.45	99.17	103.21	116.45	119.15	98.53	126.50	115.30	158.67	160.34	141.64	103.37	103.82	142.73	149.03
	10.43	9.95	7.35	7.96	9.04	11.30	8.26	8.10	8.95	9.59	7.93	8.39	9.64	9.74	7.36	7.80	7.56	4.86	4.38	5.43	4.89	5.15	8.06	5.78
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.04	0.00	-1.40	0.00	0.00	-8.11	-25.16	-20.03	-98.43	-104.60	-70.84	-41.64	-36.11	-36.58	-73.55
74TH STREET_GT_1 24260	126.55	123.82	94.04	111.69	129.33	162.23	105.37	101.05	106.61	109.55	99.18	103.05	116.24	118.95	98.39	126.36	115.15	158.59	160.35	141.77	103.46	103.94	142.92	149.17
	10.72	10.30	7.63	8.28	9.46	11.78	8.59	8.38	9.22	9.69	7.93	8.23	9.43	9.53	7.21	7.65	7.40	4.76	4.37	5.54	4.98	5.26	8.24	5.91
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.04	0.00	-1.40	0.00	0.00	-8.11	-25.16	-20.03	-98.45	-104.62	-70.85	-41.65	-36.11	-36.58	-73.56
74TH STREET_GT_2 24261	126.55	123.82	94.04	111.69	129.33	162.23	105.37	101.05	106.61	109.55	99.18	103.05	116.24	118.95	98.39	126.36	115.15	158.59	160.35	141.77	103.46	103.94	142.92	149.17
	10.72	10.30	7.63	8.28	9.46	11.78	8.59	8.38	9.22	9.69	7.93	8.23	9.43	9.53	7.21	7.65	7.40	4.76	4.37	5.54	4.98	5.26	8.24	5.91
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.04	0.00	-1.40	0.00	0.00	-8.11	-25.16	-20.03	-98.45	-104.62	-70.85	-41.65	-36.11	-36.58	-73.56
ADK HUDSON___FALLS 24011	126.46	123.80	94.60	112.75	130.79	164.23	106.51	102.12	107.44	109.24	99.55	103.78	116.69	119.64	101.43	141.99	189.61	281.23	274.11	189.24	148.08	210.44	176.27	170.68
	10.64	10.28	8.20	9.34	10.92	13.78	9.72	9.45	10.06	9.37	8.31	8.59	9.88	10.23	8.14	9.78	9.45	5.93	5.41	6.78	6.01	6.58	10.20	7.30
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.04	0.00	-1.76	0.00	0.00	-10.23	-38.66	-92.43	-219.92	-217.34	-117.08	-85.24	-141.30	-67.97	-93.67
ADK RESOURCE___RCVRY 23798	127.20	124.43	95.10	113.30	131.40	165.02	107.24	102.83	108.28	109.94	100.20	104.43	117.43	120.24	102.01	142.93	191.17	282.85	275.57	190.19	148.99	212.03	177.46	171.40
	11.37	10.91	8.70	9.89	11.53	14.56	10.46	10.15	10.89	10.07	8.96	9.25	10.62	10.83	8.70	10.61	10.30	6.44	5.86	7.34	6.53	7.15	11.12	7.91
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.04	0.00	-1.77	0.00	0.00	-10.24	-38.77	-93.14	-221.03	-218.35	-117.46	-85.63	-142.32	-68.24	-93.78
ADK S GLENS___FALLS 24028	126.46	123.80	94.60	112.75	130.79	164.23	106.51	102.12	107.44	109.24	99.55	103.78	116.69	119.64	101.43	141.99	189.61	281.23	274.11	189.24	148.08	210.44	176.27	170.68
	10.64	10.28	8.20	9.34	10.92	13.78	9.72	9.45	10.06	9.37	8.31	8.59	9.88	10.23	8.14	9.78	9.45	5.93	5.41	6.78	6.01	6.58	10.20	7.30
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.04	0.00	-1.76	0.00	0.00	-10.23	-38.66	-92.43	-219.92	-217.34	-117.08	-85.24	-141.30	-67.97	-93.67
ADK_NYS___DAM 23527	123.92	121.56	92.73	110.33	127.74	159.74	103.31	98.93	104.32	106.94	98.27	102.61	115.17	117.77	99.61	136.14	163.16	242.89	239.12	174.51	133.31	175.09	164.61	165.30
	8.09	8.04	6.32	6.93	7.87	9.28	6.53	6.26	6.93	7.07	7.03	7.49	8.35	8.36	6.67	7.35	6.23	3.83	3.49	4.43	3.97	4.68	7.44	5.51
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.04	0.00	-1.70	0.00	0.00	-9.87	-35.24	-69.20	-183.68	-184.28	-104.71	-72.51	-107.85	-59.08	-90.08
AIR_PRODUCTS___DRP 24190	119.74	117.40	89.44	106.76	123.37	154.51	99.76	95.56	100.59	103.19	95.02	99.18	111.07	113.70	96.16	130.73	145.19	220.14	218.87	166.54	124.31	151.53	156.02	162.11
	3.91	3.89	3.04	3.36	3.50	4.05	2.97	2.89	3.21	3.32	3.78	4.05	4.26	4.29	3.20	3.39	3.15	2.01	1.84	2.36	2.10	2.30	3.56	2.22
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.04	0.00	-1.71	0.00	0.00	-9.90	-33.79	-54.32	-162.75	-165.67	-98.80	-65.38	-86.66	-54.36	-90.18
AKWESSNE_115KV_BK 355683	113.30	111.14	84.62	101.86	118.19	148.47	94.72	90.75	95.57	98.09	89.85	91.79	105.07	107.83	81.69	91.96	86.25	54.43	50.47	64.20	55.71	61.53	96.68	68.88
	-2.53	-2.38	-1.78	-1.54	-1.68	-1.99	-2.07	-1.93	-1.81	-1.73	-1.39	-1.64	-1.74	-1.58	-1.38	-1.59	-1.46	-0.95	-0.89	-1.18	-1.12	-1.03	-1.41	-0.83
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR 323833	121.40	119.00	90.67	108.20	125.20	156.88	101.21	96.93	101.65	103.71	94.95	99.10	111.11	114.26	96.60	130.08	135.88	204.43	204.49	161.66	119.21	137.15	153.17	161.44
	5.58	5.48	4.26	4.79	5.33	6.42	4.42	4.26	4.26	3.84	3.70	4.01	4.30	4.85	3.81	4.32	4.32	2.76	2.50	3.16	2.79	3.04	4.78	3.27
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.04	0.00	-1.68	0.00	0.00	-9.72	-32.21	-43.83	-146.29	-150.63	-93.13	-59.59	-71.54	-50.30	-88.47
ALBANY_2_SOLAR 323834	121.37	118.99	90.64	108.15	125.15	156.83	101.21	96.90	101.62	103.69	94.93	99.10	111.10	114.24	96.58	130.05	135.81	204.42	204.45	161.65	119.19	137.11	153.15	161.43
	5.54	5.47	4.23	4.75	5.28	6.37	4.42	4.23	4.23	3.82	3.69	4.01	4.29	4.83	3.78	4.28	4.27	2.76	2.47	3.14	2.78	3.02	4.76	3.25
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.04	0.00	-1.68	0.00	0.00	-9.73	-32.21	-43.82	-146.28	-150.62	-93.13	-59.58	-71.53	-50.30	-88.48
ALBANY___1 23571	119.74	117.40	89.44	106.76	123.37	154.51	99.76	95.56	100.59	103.19	95.02	99.18	111.07	113.70	96.16	130.73	145.19	220.14	218.87	166.54	124.31	151.53	156.02	162.11
	3.91	3.89	3.04	3.36	3.50	4.05	2.97	2.89	3.21	3.32	3.78	4.05	4.26	4.29	3.20	3.39	3.15	2.01	1.84	2.36	2.10	2.30	3.56	2.22
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.04	0.00	-1.71	0.00	0.00	-9.90	-33.79	-54.32	-162.75	-165.67	-98.80	-65.38	-86.66	-54.36	-90.18

ALBANY___2 23572	119.74 3.91 0.00	117.40 3.89 0.00	89.44 3.04 0.00	106.76 3.36 0.00	123.37 3.50 0.00	154.51 4.05 0.00	99.76 2.97 0.00	95.56 2.89 0.00	100.59 3.21 0.00	103.19 3.32 -0.04	95.02 3.78 0.00	99.18 4.05 -1.71	111.07 4.26 0.00	113.70 4.29 0.00	96.16 3.20 -9.90	130.73 3.39 -33.79	145.19 3.15 -54.32	220.14 2.01 -162.75	218.87 1.84 -165.67	166.54 2.36 -98.80	124.31 2.10 -65.38	151.53 2.30 -86.66	156.02 3.56 -54.36	162.11 2.22 -90.18
ALBANY___3 23573	119.74 3.91 0.00	117.40 3.89 0.00	89.44 3.04 0.00	106.76 3.36 0.00	123.37 3.50 0.00	154.51 4.05 0.00	99.76 2.97 0.00	95.56 2.89 0.00	100.59 3.21 0.00	103.19 3.32 -0.04	95.02 3.78 0.00	99.18 4.05 -1.71	111.07 4.26 0.00	113.70 4.29 0.00	96.16 3.20 -9.90	130.73 3.39 -33.79	145.19 3.15 -54.32	220.14 2.01 -162.75	218.87 1.84 -165.67	166.54 2.36 -98.80	124.31 2.10 -65.38	151.53 2.30 -86.66	156.02 3.56 -54.36	162.11 2.22 -90.18
ALBANY___4 23574	119.74 3.91 0.00	117.40 3.89 0.00	89.44 3.04 0.00	106.76 3.36 0.00	123.37 3.50 0.00	154.51 4.05 0.00	99.76 2.97 0.00	95.56 2.89 0.00	100.59 3.21 0.00	103.19 3.32 -0.04	95.02 3.78 0.00	99.18 4.05 -1.71	111.07 4.26 0.00	113.70 4.29 0.00	96.16 3.20 -9.90	130.73 3.39 -33.79	145.19 3.15 -54.32	220.14 2.01 -162.75	218.87 1.84 -165.67	166.54 2.36 -98.80	124.31 2.10 -65.38	151.53 2.30 -86.66	156.02 3.56 -54.36	162.11 2.22 -90.18
ALBANY___LFGE 323615	120.90 5.07 0.00	118.51 4.99 0.00	90.30 3.90 0.00	107.74 4.34 0.00	124.56 4.69 0.00	156.04 5.59 0.00	100.73 3.94 0.00	96.53 3.86 0.00	101.60 4.21 0.00	104.19 4.32 -0.04	95.83 4.58 0.00	100.02 4.87 -1.72	112.09 5.28 0.00	114.78 5.37 0.00	97.12 4.06 -9.99	133.23 4.42 -35.26	157.74 4.12 -65.90	238.07 2.62 -180.08	235.08 2.40 -181.32	172.75 3.05 -104.32	130.93 2.71 -71.39	168.74 2.93 -103.25	161.12 4.55 -58.48	163.91 3.00 -91.21
ALCOA_PA_115KV_PL-6C 55860	114.20 -1.62 0.00	111.99 -1.53 0.00	85.26 -1.15 0.00	102.65 -0.76 0.00	119.05 -0.82 0.00	149.51 -0.94 0.00	95.26 -1.52 0.00	91.27 -1.40 0.00	96.32 -1.07 0.00	98.78 -1.04 0.00	90.42 -0.82 0.00	92.39 -1.03 0.00	105.58 -1.23 0.00	108.25 -1.16 0.00	82.02 -1.05 0.00	92.32 -1.23 0.00	86.50 -1.22 0.00	54.51 -0.87 0.00	50.55 -0.80 0.00	64.40 -0.98 0.00	55.77 -1.06 0.00	61.58 -0.99 0.00	96.77 -1.33 0.00	68.96 -0.75 0.00
ALCOA_RYNLDS___DRP 24188	114.20 -1.62 0.00	111.99 -1.53 0.00	85.26 -1.15 0.00	102.65 -0.76 0.00	119.05 -0.82 0.00	149.51 -0.94 0.00	95.26 -1.52 0.00	91.27 -1.40 0.00	96.32 -1.07 0.00	98.78 -1.04 0.00	90.42 -0.82 0.00	92.39 -1.03 0.00	105.58 -1.23 0.00	108.25 -1.16 0.00	82.02 -1.05 0.00	92.32 -1.23 0.00	86.50 -1.22 0.00	54.51 -0.87 0.00	50.55 -0.80 0.00	64.40 -0.98 0.00	55.77 -1.06 0.00	61.58 -0.99 0.00	96.77 -1.33 0.00	68.96 -0.75 0.00
ALCOA___DSASP 323711	114.21 -1.61 0.00	112.00 -1.52 0.00	85.26 -1.15 0.00	102.65 -0.76 0.00	119.06 -0.82 0.00	149.52 -0.94 0.00	95.26 -1.52 0.00	91.27 -1.40 0.00	96.32 -1.07 0.00	98.78 -1.05 0.00	90.42 -0.83 0.00	92.42 -1.00 0.00	105.60 -1.22 0.00	108.26 -1.15 0.00	82.02 -1.05 0.00	92.33 -1.23 0.00	86.50 -1.22 0.00	54.51 -0.87 0.00	50.55 -0.81 0.00	64.40 -0.98 0.00	55.77 -1.06 0.00	61.60 -0.97 0.00	96.78 -1.31 0.00	68.97 -0.73 0.00
ALLEGHENY___COGEN 23514	110.58 -5.25 0.00	108.13 -5.39 0.00	82.08 -4.33 0.00	97.57 -5.84 0.00	113.05 -6.82 0.00	141.90 -8.56 0.00	92.26 -4.52 0.00	87.60 -5.07 0.00	91.26 -6.13 0.00	93.40 -6.43 0.00	96.49 -5.60 -10.85	113.38 0.59 -19.37	119.79 -2.16 -15.14	119.27 -2.90 -12.75	116.21 -2.37 -35.51	137.16 -1.86 -45.47	123.96 -0.87 -37.11	82.12 -0.11 -26.85	125.93 -0.16 -74.73	145.35 -0.18 -80.16	83.57 -0.25 -26.99	82.83 -1.25 -21.52	116.88 -2.24 -21.02	80.64 -1.58 -12.52
ALTAMONT_115KV_TB 2 55880	120.55 4.73 0.00	118.16 4.64 0.00	89.97 3.57 0.00	107.31 3.91 0.00	124.21 4.34 0.00	155.69 5.24 0.00	100.49 3.71 0.00	96.27 3.60 0.00	101.26 3.87 0.00	103.78 3.91 -0.04	94.91 3.66 0.00	99.01 3.88 -1.70	111.13 4.32 0.00	113.90 4.49 0.00	96.41 3.46 -9.89	130.20 3.80 -32.85	136.85 3.58 -45.55	207.79 2.27 -150.14	207.83 2.07 -154.40	163.10 2.64 -95.09	120.24 2.36 -61.06	139.28 2.56 -74.15	153.57 4.01 -51.46	162.44 2.78 -89.96
ALTONA_WT_PWR 323606	115.20 -0.63 0.00	112.72 -0.80 0.00	86.15 -0.25 0.00	103.65 0.25 0.00	119.98 0.11 0.00	150.53 0.08 0.00	96.37 -0.41 0.00	92.04 -0.63 0.00	96.96 -0.43 0.00	99.57 -0.26 0.00	90.94 -0.30 0.00	93.05 -0.37 0.00	106.48 -0.33 0.00	108.76 -0.65 0.00	82.75 -0.32 0.00	93.30 -0.25 0.00	87.75 0.03 0.00	55.31 -0.07 0.00	50.99 -0.37 0.00	64.56 -0.82 0.00	55.16 -1.66 0.00	60.88 -1.69 0.00	95.68 -2.41 0.00	68.45 -1.25 0.00
AMERICAN_REF_FUEL 24010	105.38 -10.13 0.31	103.31 -10.21 0.00	78.21 -8.20 0.00	93.07 -10.34 0.00	108.78 -11.09 0.00	136.95 -13.51 0.00	86.73 -10.05 0.00	81.33 -11.34 0.00	83.85 -13.54 0.00	86.23 -13.59 0.00	72.64 -11.74 6.86	78.53 -10.65 4.25	88.95 -13.24 4.62	85.55 -12.74 11.12	66.62 -9.76 6.69	75.93 -11.54 6.07	70.69 -10.95 6.08	55.12 -7.10 -6.85	40.66 -6.84 3.85	52.08 -8.39 4.90	45.66 -6.62 4.54	48.27 -7.39 6.90	78.70 -11.05 8.34	70.99 -7.82 -9.11
ARKWRIGHT___SUMMIT_WT_PWR 323751	109.77 -5.68 0.37	107.40 -6.12 0.00	80.72 -5.69 0.00	95.80 -7.60 0.00	110.63 -9.24 0.00	138.25 -12.20 0.00	87.86 -8.92 0.00	82.64 -10.03 0.00	85.33 -12.06 0.00	88.06 -11.76 0.00	73.35 -9.97 7.93	80.11 -8.81 4.51	90.45 -11.27 5.09	85.29 -11.14 12.98	67.58 -8.41 7.08	78.60 -8.63 6.32	73.02 -8.26 6.44	56.78 -5.97 -7.37	31.99 -6.17 13.19	23.19 -8.12 34.06	32.45 -6.65 17.72	47.08 -7.53 7.96	76.72 -11.62 9.75	71.60 -8.10 -10.00
ARTHUR KILL_GT_1 23520	149.31 9.56 -23.92	145.78 9.20 -23.06	116.27 6.79 -23.08	133.43 7.29 -22.73	151.05 8.31 -22.86	196.70 10.43 -35.81	125.81 7.70 -21.33	124.31 7.48 -24.16	518.93 8.34 -413.21	298.69 8.81 -190.05	110.84 6.93 -12.66	130.95 7.36 -30.17	243.11 8.39 -127.91	402.51 8.37 -284.73	126.30 6.34 -36.90	138.09 6.70 -37.84	143.66 6.50 -49.44	190.05 4.26 -130.41	228.63 3.88 -173.39	125.68 4.91 -55.39	101.43 4.43 -40.18	102.16 4.62 -34.98	170.94 7.48 -65.36	195.50 5.60 -120.19
ARTHUR_KILL_2 23512	148.96 9.22 -23.92	145.42 8.84 -23.06	116.00 6.52 -23.08	133.11 6.97 -22.73	150.66 7.93 -22.86	196.25 9.98 -35.81	125.49 7.38 -21.33	124.01 7.18 -24.16	518.60 8.00 -413.21	298.37 8.49 -190.05	110.57 6.66 -12.66	130.68 7.09 -30.17	242.84 8.12 -127.91	402.24 8.10 -284.73	126.05 6.09 -36.90	137.83 6.43 -37.84	143.35 6.20 -49.44	189.86 4.07 -130.41	228.46 3.71 -173.39	125.45 4.69 -55.39	101.25 4.24 -40.18	101.96 4.42 -34.98	170.63 7.17 -65.36	195.29 5.39 -120.19
ARTHUR_KILL_3 23513	77.85 9.36 47.34	77.14 9.01 45.39	77.14 6.64 15.90	76.79 7.10 33.72	76.94 8.06 50.99	77.14 10.01 83.33	77.41 7.44 26.81	78.26 7.30 21.71	77.27 8.07 28.18	77.72 8.56 30.67	76.84 6.77 21.17	65.43 7.00 34.99	65.43 8.08 49.46	65.37 8.10 52.15	65.43 6.10 23.73	65.42 6.37 34.50	70.52 6.22 23.42	99.27 3.99 -39.90	102.06 3.66 -47.05	92.49 4.63 -22.48	72.20 4.22 -11.16	68.34 4.44 -1.34	65.43 7.01 39.67	65.43 5.08 9.35

ARTHUR_KILL_COGEN 323718	149.31 9.56 -23.92	145.78 9.20 -23.06	116.27 6.79 -23.08	133.43 7.29 -22.73	151.05 8.31 -22.86	196.70 10.43 -35.81	125.81 7.70 -21.33	124.31 7.48 -24.16	518.93 8.34 -413.21	298.69 8.81 -190.05	110.84 6.93 -12.66	130.95 7.36 -30.17	243.11 8.39 -127.91	402.51 8.37 -284.73	126.30 6.34 -36.90	138.09 6.70 -37.84	143.66 6.50 -49.44	190.05 4.26 -130.41	228.63 3.88 -173.39	125.68 4.91 -55.39	101.43 4.43 -40.18	102.16 4.62 -34.98	170.94 7.48 -65.36	195.50 5.60 -120.19
ASHOKAN____ 23654	125.71 9.88 0.00	123.15 9.63 0.00	93.71 7.30 0.00	111.67 8.27 0.00	129.39 9.52 0.00	162.33 11.87 0.00	105.06 8.27 0.00	100.77 8.10 0.00	106.24 8.85 0.00	108.34 8.47 -0.04	98.35 7.10 0.00	102.16 7.17 -1.56	114.46 7.65 0.00	117.86 8.45 0.00	98.16 6.02 -9.07	129.85 6.74 -29.56	130.92 7.02 -36.18	189.66 4.53 -129.75	190.06 4.18 -134.53	155.55 5.25 -84.93	114.73 4.61 -53.29	127.36 4.77 -60.03	150.90 7.41 -45.39	157.33 5.16 -82.46
ASTORIA_EAST_ENERGY_CC1 323581	125.69 9.86 0.00	123.12 9.60 0.00	93.40 6.99 0.00	110.88 7.47 0.00	128.40 8.53 0.00	161.05 10.60 0.00	104.62 7.83 0.00	100.32 7.65 0.00	105.85 8.46 0.00	108.76 8.90 -0.04	98.57 7.33 0.00	102.59 7.77 -1.40	115.89 9.07 0.00	118.38 8.96 0.00	97.80 6.62 -8.11	125.74 7.02 -25.16	114.45 6.70 -20.03	158.12 4.29 -98.45	159.89 3.91 -104.62	141.31 5.08 -70.85	103.09 4.62 -41.65	103.51 4.84 -36.11	142.17 7.49 -36.58	148.62 5.35 -73.56
ASTORIA_EAST_ENERGY_CC2 323582	125.69 9.86 0.00	123.12 9.60 0.00	93.40 6.99 0.00	110.88 7.47 0.00	128.40 8.53 0.00	161.05 10.60 0.00	104.62 7.83 0.00	100.32 7.65 0.00	105.85 8.46 0.00	108.76 8.90 -0.04	98.57 7.33 0.00	102.59 7.77 -1.40	115.89 9.07 0.00	118.38 8.96 0.00	97.80 6.62 -8.11	125.74 7.02 -25.16	114.45 6.70 -20.03	158.12 4.29 -98.45	159.89 3.91 -104.62	141.31 5.08 -70.85	103.09 4.62 -41.65	103.51 4.84 -36.11	142.17 7.49 -36.58	148.62 5.35 -73.56
ASTORIA_GT2_1 24094	125.76 9.94 0.00	123.15 9.63 0.00	93.44 7.03 0.00	110.93 7.52 0.00	128.45 8.58 0.00	161.09 10.63 0.00	104.67 7.88 0.00	100.39 7.72 0.00	105.87 8.48 0.00	108.83 8.97 -0.04	98.62 7.38 0.00	102.64 7.82 -1.40	115.90 9.09 0.00	118.39 8.98 0.00	97.86 6.68 -8.11	125.80 7.09 -25.16	114.50 6.75 -20.03	158.16 4.33 -98.45	159.93 3.96 -104.62	141.35 5.13 -70.85	103.13 4.66 -41.65	103.54 4.87 -36.11	142.22 7.54 -36.58	148.67 5.40 -73.56
ASTORIA_GT2_2 24095	125.76 9.94 0.00	123.15 9.63 0.00	93.44 7.03 0.00	110.93 7.52 0.00	128.45 8.58 0.00	161.09 10.63 0.00	104.67 7.88 0.00	100.39 7.72 0.00	105.87 8.48 0.00	108.83 8.97 -0.04	98.62 7.38 0.00	102.64 7.82 -1.40	115.90 9.09 0.00	118.39 8.98 0.00	97.86 6.68 -8.11	125.80 7.09 -25.16	114.50 6.75 -20.03	158.16 4.33 -98.45	159.93 3.96 -104.62	141.35 5.13 -70.85	103.13 4.66 -41.65	103.54 4.87 -36.11	142.22 7.54 -36.58	148.67 5.40 -73.56
ASTORIA_GT2_3 24096	125.76 9.94 0.00	123.15 9.63 0.00	93.44 7.03 0.00	110.93 7.52 0.00	128.45 8.58 0.00	161.09 10.63 0.00	104.67 7.88 0.00	100.39 7.72 0.00	105.87 8.48 0.00	108.83 8.97 -0.04	98.62 7.38 0.00	102.64 7.82 -1.40	115.90 9.09 0.00	118.39 8.98 0.00	97.86 6.68 -8.11	125.80 7.09 -25.16	114.50 6.75 -20.03	158.16 4.33 -98.45	159.93 3.96 -104.62	141.35 5.13 -70.85	103.13 4.66 -41.65	103.54 4.87 -36.11	142.22 7.54 -36.58	148.67 5.40 -73.56
ASTORIA_GT2_4 24097	125.76 9.94 0.00	123.15 9.63 0.00	93.44 7.03 0.00	110.93 7.52 0.00	128.45 8.58 0.00	161.09 10.63 0.00	104.67 7.88 0.00	100.39 7.72 0.00	105.87 8.48 0.00	108.83 8.97 -0.04	98.62 7.38 0.00	102.64 7.82 -1.40	115.90 9.09 0.00	118.39 8.98 0.00	97.86 6.68 -8.11	125.80 7.09 -25.16	114.50 6.75 -20.03	158.16 4.33 -98.45	159.93 3.96 -104.62	141.35 5.13 -70.85	103.13 4.66 -41.65	103.54 4.87 -36.11	142.22 7.54 -36.58	148.67 5.40 -73.56
ASTORIA_GT3_1 24098	125.76 9.94 0.00	123.15 9.63 0.00	93.44 7.03 0.00	110.93 7.52 0.00	128.45 8.58 0.00	161.09 10.63 0.00	104.67 7.88 0.00	100.39 7.72 0.00	105.87 8.48 0.00	108.83 8.97 -0.04	98.62 7.38 0.00	102.64 7.82 -1.40	115.90 9.09 0.00	118.39 8.98 0.00	97.86 6.68 -8.11	125.80 7.09 -25.16	114.50 6.75 -20.03	158.16 4.33 -98.45	159.93 3.96 -104.62	141.35 5.13 -70.85	103.13 4.66 -41.65	103.54 4.87 -36.11	142.22 7.54 -36.58	148.67 5.40 -73.56
ASTORIA_GT3_2 24099	125.76 9.94 0.00	123.15 9.63 0.00	93.44 7.03 0.00	110.93 7.52 0.00	128.45 8.58 0.00	161.09 10.63 0.00	104.67 7.88 0.00	100.39 7.72 0.00	105.87 8.48 0.00	108.83 8.97 -0.04	98.62 7.38 0.00	102.64 7.82 -1.40	115.90 9.09 0.00	118.39 8.98 0.00	97.86 6.68 -8.11	125.80 7.09 -25.16	114.50 6.75 -20.03	158.16 4.33 -98.45	159.93 3.96 -104.62	141.35 5.13 -70.85	103.13 4.66 -41.65	103.54 4.87 -36.11	142.22 7.54 -36.58	148.67 5.40 -73.56
ASTORIA_GT3_3 24100	125.76 9.94 0.00	123.15 9.63 0.00	93.44 7.03 0.00	110.93 7.52 0.00	128.45 8.58 0.00	161.09 10.63 0.00	104.67 7.88 0.00	100.39 7.72 0.00	105.87 8.48 0.00	108.83 8.97 -0.04	98.62 7.38 0.00	102.64 7.82 -1.40	115.90 9.09 0.00	118.39 8.98 0.00	97.86 6.68 -8.11	125.80 7.09 -25.16	114.50 6.75 -20.03	158.16 4.33 -98.45	159.93 3.96 -104.62	141.35 5.13 -70.85	103.13 4.66 -41.65	103.54 4.87 -36.11	142.22 7.54 -36.58	148.67 5.40 -73.56
ASTORIA_GT3_4 24101	125.76 9.94 0.00	123.15 9.63 0.00	93.44 7.03 0.00	110.93 7.52 0.00	128.45 8.58 0.00	161.09 10.63 0.00	104.67 7.88 0.00	100.39 7.72 0.00	105.87 8.48 0.00	108.83 8.97 -0.04	98.62 7.38 0.00	102.64 7.82 -1.40	115.90 9.09 0.00	118.39 8.98 0.00	97.86 6.68 -8.11	125.80 7.09 -25.16	114.50 6.75 -20.03	158.16 4.33 -98.45	159.93 3.96 -104.62	141.35 5.13 -70.85	103.13 4.66 -41.65	103.54 4.87 -36.11	142.22 7.54 -36.58	148.67 5.40 -73.56
ASTORIA_GT4_1 24102	125.76 9.94 0.00	123.15 9.63 0.00	93.44 7.03 0.00	110.93 7.52 0.00	128.45 8.58 0.00	161.09 10.63 0.00	104.67 7.88 0.00	100.39 7.72 0.00	105.87 8.48 0.00	108.83 8.97 -0.04	98.62 7.38 0.00	102.64 7.82 -1.40	115.90 9.09 0.00	118.39 8.98 0.00	97.86 6.68 -8.11	125.80 7.09 -25.16	114.50 6.75 -20.03	158.16 4.33 -98.45	159.93 3.96 -104.62	141.35 5.13 -70.85	103.13 4.66 -41.65	103.54 4.87 -36.11	142.22 7.54 -36.58	148.67 5.40 -73.56
ASTORIA_GT4_2 24103	125.76 9.94 0.00	123.15 9.63 0.00	93.44 7.03 0.00	110.93 7.52 0.00	128.45 8.58 0.00	161.09 10.63 0.00	104.67 7.88 0.00	100.39 7.72 0.00	105.87 8.48 0.00	108.83 8.97 -0.04	98.62 7.38 0.00	102.64 7.82 -1.40	115.90 9.09 0.00	118.39 8.98 0.00	97.86 6.68 -8.11	125.80 7.09 -25.16	114.50 6.75 -20.03	158.16 4.33 -98.45	159.93 3.96 -104.62	141.35 5.13 -70.85	103.13 4.66 -41.65	103.54 4.87 -36.11	142.22 7.54 -36.58	148.67 5.40 -73.56
ASTORIA_GT4_3 24104	125.76 9.94 0.00	123.15 9.63 0.00	93.44 7.03 0.00	110.93 7.52 0.00	128.45 8.58 0.00	161.09 10.63 0.00	104.67 7.88 0.00	100.39 7.72 0.00	105.87 8.48 0.00	108.83 8.97 -0.04	98.62 7.38 0.00	102.64 7.82 -1.40	115.90 9.09 0.00	118.39 8.98 0.00	97.86 6.68 -8.11	125.80 7.09 -25.16	114.50 6.75 -20.03	158.16 4.33 -98.45	159.93 3.96 -104.62	141.35 5.13 -70.85	103.13 4.66 -41.65	103.54 4.87 -36.11	142.22 7.54 -36.58	148.67 5.40 -73.56

ASTORIA_GT4_4 24105	125.76 9.94 0.00	123.15 9.63 0.00	93.44 7.03 0.00	110.93 7.52 0.00	128.45 8.58 0.00	161.09 10.63 0.00	104.67 7.88 0.00	100.39 7.72 0.00	105.87 8.48 0.00	108.83 8.97 -0.04	98.62 7.38 0.00	102.64 7.82 -1.40	115.90 9.09 0.00	118.39 8.98 0.00	97.86 6.68 -8.11	125.80 7.09 -25.16	114.50 6.75 -20.03	158.16 4.33 -98.45	159.93 3.96 -104.62	141.35 5.13 -70.85	103.13 4.66 -41.65	103.54 4.87 -36.11	142.22 7.54 -36.58	148.67 5.40 -73.56
ASTORIA_GT_1 23523	125.99 10.17 0.00	123.37 9.85 0.00	93.60 7.19 0.00	111.14 7.73 0.00	128.68 8.81 0.00	161.42 10.96 0.00	104.87 8.08 0.00	100.57 7.90 0.00	106.08 8.70 0.00	109.03 9.17 -0.04	98.81 7.57 0.00	102.84 8.02 -1.40	116.19 9.37 0.00	118.65 9.24 0.00	98.03 6.85 -8.11	126.00 7.29 -25.16	114.70 6.94 -20.03	158.27 4.44 -98.45	160.05 4.07 -104.62	141.49 5.26 -70.85	103.25 4.77 -41.65	103.67 5.00 -36.11	142.42 7.73 -36.58	148.81 5.54 -73.56
ASTORIA_GT_10 24110	125.88 10.05 0.00	123.24 9.72 0.00	93.56 7.16 0.00	111.15 7.74 0.00	128.67 8.80 0.00	161.45 11.00 0.00	104.87 8.09 0.00	100.59 7.92 0.00	106.13 8.74 0.00	109.07 9.21 -0.04	98.66 7.42 0.00	102.54 7.72 -1.40	115.71 8.90 0.00	118.33 8.91 0.00	97.87 6.69 -8.11	125.81 7.09 -25.16	114.62 6.87 -20.03	158.25 4.43 -98.45	160.05 4.07 -104.62	141.44 5.22 -70.85	103.21 4.73 -41.65	103.64 4.96 -36.11	142.42 7.74 -36.58	148.84 5.57 -73.56
ASTORIA_GT_11 24225	125.88 10.05 0.00	123.24 9.72 0.00	93.56 7.16 0.00	111.15 7.74 0.00	128.67 8.80 0.00	161.45 11.00 0.00	104.87 8.09 0.00	100.59 7.92 0.00	106.13 8.74 0.00	109.07 9.21 -0.04	98.66 7.42 0.00	102.54 7.72 -1.40	115.71 8.90 0.00	118.33 8.91 0.00	97.87 6.69 -8.11	125.81 7.09 -25.16	114.62 6.87 -20.03	158.25 4.43 -98.45	160.05 4.07 -104.62	141.44 5.22 -70.85	103.21 4.73 -41.65	103.64 4.96 -36.11	142.42 7.74 -36.58	148.84 5.57 -73.56
ASTORIA_GT_12 24226	125.88 10.05 0.00	123.24 9.72 0.00	93.56 7.16 0.00	111.15 7.74 0.00	128.67 8.80 0.00	161.45 11.00 0.00	104.87 8.09 0.00	100.59 7.92 0.00	106.13 8.74 0.00	109.07 9.21 -0.04	98.66 7.42 0.00	102.54 7.72 -1.40	115.71 8.90 0.00	118.33 8.91 0.00	97.87 6.69 -8.11	125.81 7.09 -25.16	114.62 6.87 -20.03	158.25 4.43 -98.45	160.05 4.07 -104.62	141.44 5.22 -70.85	103.21 4.73 -41.65	103.64 4.96 -36.11	142.42 7.74 -36.58	148.84 5.57 -73.56
ASTORIA_GT_13 24227	125.88 10.05 0.00	123.24 9.72 0.00	93.56 7.16 0.00	111.15 7.74 0.00	128.67 8.80 0.00	161.45 11.00 0.00	104.87 8.09 0.00	100.59 7.92 0.00	106.13 8.74 0.00	109.07 9.21 -0.04	98.66 7.42 0.00	102.54 7.72 -1.40	115.71 8.90 0.00	118.33 8.91 0.00	97.87 6.69 -8.11	125.81 7.09 -25.16	114.62 6.87 -20.03	158.25 4.43 -98.45	160.05 4.07 -104.62	141.44 5.22 -70.85	103.21 4.73 -41.65	103.64 4.96 -36.11	142.42 7.74 -36.58	148.84 5.57 -73.56
ASTORIA_GT_5 24106	125.99 10.17 0.00	123.37 9.85 0.00	93.60 7.19 0.00	111.14 7.73 0.00	128.67 8.80 0.00	161.39 10.94 0.00	104.86 8.08 0.00	100.57 7.90 0.00	106.07 8.69 0.00	109.03 9.17 -0.04	98.81 7.57 0.00	102.84 8.02 -1.40	116.17 9.36 0.00	118.63 9.22 0.00	98.03 6.85 -8.11	126.00 7.29 -25.16	114.70 6.95 -20.03	158.28 4.45 -98.45	160.05 4.07 -104.62	141.49 5.27 -70.85	103.25 4.78 -41.65	103.68 5.00 -36.11	142.43 7.75 -36.58	148.81 5.54 -73.56
ASTORIA_GT_7 24107	125.99 10.17 0.00	123.37 9.85 0.00	93.60 7.19 0.00	111.14 7.73 0.00	128.67 8.80 0.00	161.39 10.94 0.00	104.86 8.08 0.00	100.57 7.90 0.00	106.07 8.69 0.00	109.03 9.17 -0.04	98.81 7.57 0.00	102.84 8.02 -1.40	116.17 9.36 0.00	118.63 9.22 0.00	98.03 6.85 -8.11	126.00 7.29 -25.16	114.70 6.95 -20.03	158.28 4.45 -98.45	160.05 4.07 -104.62	141.49 5.27 -70.85	103.25 4.78 -41.65	103.68 5.00 -36.11	142.43 7.75 -36.58	148.81 5.54 -73.56
ASTORIA_GT_8 24108	125.99 10.17 0.00	123.37 9.85 0.00	93.60 7.19 0.00	111.14 7.73 0.00	128.67 8.80 0.00	161.39 10.94 0.00	104.86 8.08 0.00	100.57 7.90 0.00	106.07 8.69 0.00	109.03 9.17 -0.04	98.81 7.57 0.00	102.84 8.02 -1.40	116.17 9.36 0.00	118.63 9.22 0.00	98.03 6.85 -8.11	126.00 7.29 -25.16	114.70 6.95 -20.03	158.28 4.45 -98.45	160.05 4.07 -104.62	141.49 5.27 -70.85	103.25 4.78 -41.65	103.68 5.00 -36.11	142.43 7.75 -36.58	148.81 5.54 -73.56
ASTORIA___2 24149	125.76 9.93 0.00	123.15 9.62 0.00	93.44 7.03 0.00	110.95 7.54 0.00	128.45 8.58 0.00	161.13 10.67 0.00	104.68 7.90 0.00	100.38 7.71 0.00	105.87 8.48 0.00	108.83 8.97 -0.04	98.62 7.38 0.00	102.65 7.82 -1.40	115.90 9.09 0.00	118.38 8.97 0.00	97.85 6.67 -8.11	125.79 7.07 -25.16	114.51 6.75 -20.03	158.16 4.32 -98.45	159.93 3.96 -104.62	141.35 5.13 -70.85	103.13 4.65 -41.65	103.54 4.87 -36.11	142.22 7.54 -36.58	148.68 5.40 -73.56
ASTORIA___3 23516	125.88 10.06 0.00	123.24 9.72 0.00	93.57 7.17 0.00	111.15 7.74 0.00	128.67 8.80 0.00	161.47 11.01 0.00	104.88 8.09 0.00	100.59 7.91 0.00	106.13 8.74 0.00	109.07 9.21 -0.04	98.66 7.41 0.00	102.54 7.72 -1.40	115.70 8.89 0.00	118.32 8.91 0.00	97.86 6.68 -8.11	125.80 7.09 -25.16	114.62 6.87 -20.03	158.25 4.43 -98.45	160.05 4.08 -104.62	141.45 5.22 -70.85	103.21 4.73 -41.65	103.64 4.96 -36.11	142.41 7.73 -36.58	148.84 5.57 -73.56
ASTORIA___4 23517	125.87 10.05 0.00	123.24 9.72 0.00	93.56 7.16 0.00	111.15 7.74 0.00	128.67 8.80 0.00	161.45 11.00 0.00	104.87 8.09 0.00	100.59 7.92 0.00	106.13 8.74 0.00	109.07 9.21 -0.04	98.66 7.42 0.00	102.54 7.72 -1.40	115.71 8.90 0.00	118.33 8.91 0.00	97.87 6.69 -8.11	125.81 7.09 -25.16	114.62 6.87 -20.03	158.25 4.43 -98.45	160.05 4.07 -104.62	141.44 5.22 -70.85	103.21 4.73 -41.65	103.64 4.96 -36.11	142.42 7.74 -36.58	148.84 5.57 -73.56
ASTORIA___5 23518	125.88 10.06 0.00	123.24 9.72 0.00	93.57 7.17 0.00	111.15 7.74 0.00	128.67 8.80 0.00	161.47 11.01 0.00	104.88 8.09 0.00	100.59 7.91 0.00	106.13 8.74 0.00	109.07 9.21 -0.04	98.66 7.41 0.00	102.54 7.72 -1.40	115.70 8.89 0.00	118.32 8.91 0.00	97.86 6.68 -8.11	125.80 7.09 -25.16	114.62 6.87 -20.03	158.25 4.43 -98.45	160.05 4.08 -104.62	141.45 5.22 -70.85	103.21 4.73 -41.65	103.64 4.96 -36.11	142.41 7.73 -36.58	148.84 5.57 -73.56
AST_ENERGY_2_CC3 323677	125.68 9.86 0.00	122.98 9.46 0.00	93.39 6.98 0.00	110.90 7.49 0.00	125.27 8.50 3.10	137.48 10.57 23.55	104.60 7.81 0.00	100.32 7.64 0.00	105.82 8.43 0.00	108.88 9.01 -0.04	95.12 7.20 3.32	97.69 7.40 3.13	97.40 8.56 17.97	103.30 8.61 14.72	97.65 6.46 -8.11	125.35 6.64 -25.16	114.31 6.56 -20.03	157.98 4.16 -98.44	159.78 3.81 -104.61	141.07 4.86 -70.84	102.94 4.46 -41.65	103.35 4.68 -36.11	141.87 7.19 -36.58	148.46 5.19 -73.56
AST_ENERGY_2_CC4 323678	125.68 9.86 0.00	122.98 9.46 0.00	93.39 6.98 0.00	110.90 7.49 0.00	125.27 8.50 3.10	137.48 10.57 23.55	104.60 7.81 0.00	100.32 7.64 0.00	105.82 8.43 0.00	108.88 9.01 -0.04	95.12 7.20 3.32	97.69 7.40 3.13	97.40 8.56 17.97	103.30 8.61 14.72	97.65 6.46 -8.11	125.35 6.64 -25.16	114.31 6.56 -20.03	157.98 4.16 -98.44	159.78 3.81 -104.61	141.07 4.86 -70.84	102.94 4.46 -41.65	103.35 4.68 -36.11	141.87 7.19 -36.58	148.46 5.19 -73.56

ATHENS_STG_1 23668	121.82 6.00 0.00	119.37 5.85 0.00	90.81 4.41 0.00	108.16 4.75 0.00	125.24 5.37 0.00	157.01 6.56 0.00	101.48 4.70 0.00	97.21 4.54 0.00	102.36 4.97 0.00	105.00 5.13 -0.04	95.73 4.48 0.00	99.65 4.70 -1.53	112.11 5.30 0.00	114.75 5.34 0.00	96.11 4.15 -8.89	125.41 4.52 -27.34	111.52 4.24 -19.56	162.56 2.67 -104.51	165.45 2.45 -111.64	145.20 3.14 -76.68	104.13 2.81 -44.49	101.76 3.03 -36.17	142.21 4.79 -39.33	153.74 3.42 -80.61
ATHENS_STG_2 23670	121.82 6.00 0.00	119.37 5.85 0.00	90.81 4.41 0.00	108.16 4.75 0.00	125.24 5.37 0.00	157.01 6.56 0.00	101.48 4.70 0.00	97.21 4.54 0.00	102.36 4.97 0.00	105.00 5.13 -0.04	95.73 4.48 0.00	99.65 4.70 -1.53	112.11 5.30 0.00	114.75 5.34 0.00	96.11 4.15 -8.89	125.41 4.52 -27.34	111.52 4.24 -19.56	162.56 2.67 -104.51	165.45 2.45 -111.64	145.20 3.14 -76.68	104.13 2.81 -44.49	101.76 3.03 -36.17	142.21 4.79 -39.33	153.74 3.42 -80.61
ATHENS_STG_3 23677	121.82 6.00 0.00	119.37 5.85 0.00	90.81 4.41 0.00	108.16 4.75 0.00	125.24 5.37 0.00	157.01 6.56 0.00	101.48 4.70 0.00	97.21 4.54 0.00	102.36 4.97 0.00	105.00 5.13 -0.04	95.73 4.48 0.00	99.65 4.70 -1.53	112.11 5.30 0.00	114.75 5.34 0.00	96.11 4.15 -8.89	125.41 4.52 -27.34	111.52 4.24 -19.56	162.56 2.67 -104.51	165.45 2.45 -111.64	145.20 3.14 -76.68	104.13 2.81 -44.49	101.76 3.03 -36.17	142.21 4.79 -39.33	153.74 3.42 -80.61
AUBURN___LFGE 323710	116.07 0.24 0.00	113.26 -0.27 0.00	86.04 -0.36 0.00	102.71 -0.70 0.00	119.13 -0.74 0.00	149.63 -0.82 0.00	96.44 -0.34 0.00	92.28 -0.39 0.00	96.79 -0.60 0.00	99.22 -0.62 -0.01	91.67 -0.86 -1.28	93.00 -0.60 -0.18	106.60 -0.54 -0.33	111.24 -0.58 -2.40	83.75 -0.35 -1.03	96.46 -0.41 -3.31	90.28 -0.14 -2.70	69.37 0.06 -13.94	66.38 -0.01 -15.03	74.08 -0.32 -9.03	63.80 -0.25 -7.23	69.05 -0.38 -6.86	104.74 -1.08 -7.73	79.20 -0.48 -9.97
BABYLON_RES_REC 323704	136.30 11.65 -8.82	142.39 11.59 -17.28	94.91 8.51 0.00	112.54 9.14 0.00	130.34 10.47 0.00	163.56 13.10 0.00	147.64 9.70 -41.16	149.26 9.40 -47.18	125.93 10.14 -18.40	109.76 9.91 -0.04	99.59 8.35 0.00	103.26 8.44 -1.40	116.38 9.57 0.00	119.45 10.03 0.00	113.32 7.83 -22.42	126.92 8.22 -25.15	236.83 8.33 -140.78	176.65 5.34 -115.93	160.85 4.91 -104.58	150.77 6.31 -79.08	150.63 5.58 -88.22	135.44 5.94 -66.94	165.38 9.22 -58.07	149.67 6.43 -73.53
BABYLON__69_KV_BK2 356345	138.05 13.40 -8.82	143.99 13.19 -17.28	96.15 9.74 0.00	113.98 10.58 0.00	132.07 12.19 0.00	165.83 15.37 0.00	149.17 11.23 -41.16	150.80 10.95 -47.18	127.50 11.71 -18.40	111.14 11.28 -0.04	100.86 9.62 0.00	104.55 9.73 -1.40	117.79 10.98 0.00	120.98 11.57 0.00	114.59 9.10 -22.42	128.10 9.39 -25.15	238.09 9.59 -140.78	177.45 6.13 -115.93	161.55 5.62 -104.58	151.76 7.31 -79.08	151.44 6.40 -88.22	136.20 6.70 -66.94	166.57 10.40 -58.07	150.47 7.23 -73.53
BALL_HILL_WT_PWR 323825	109.18 -6.32 0.32	106.89 -6.63 0.00	80.73 -5.68 0.00	95.88 -7.52 0.00	111.45 -8.42 0.00	140.02 -10.44 0.00	89.05 -7.73 0.00	83.88 -8.79 0.00	86.71 -10.68 0.00	89.29 -10.53 0.00	73.16 -9.15 8.93	79.17 -8.21 6.04	90.14 -10.34 6.33	85.05 -10.11 14.26	65.52 -7.70 9.85	75.27 -8.51 9.77	70.33 -8.08 9.30	55.67 -5.46 -5.75	34.72 -5.42 11.21	42.25 -6.96 16.16	41.39 -5.63 9.80	46.36 -6.51 9.70	76.72 -9.88 11.49	72.30 -6.87 -9.47
BARON_WINDS___WT_PWR 323822	111.60 -4.48 -0.26	109.13 -4.39 0.00	82.55 -3.86 0.00	98.31 -5.10 0.00	114.10 -5.78 0.00	143.73 -6.73 0.00	92.31 -4.48 0.00	87.19 -5.48 0.00	91.17 -6.21 0.00	93.36 -6.47 0.00	51.20 -6.92 33.12	55.14 -6.54 31.74	69.96 -7.69 29.16	52.64 -7.39 49.39	22.61 -5.09 55.37	23.11 -5.87 64.57	26.96 -5.20 55.55	37.99 -3.30 14.09	-45.72 -3.12 93.95	-36.51 -3.94 97.94	7.54 -3.63 45.66	11.24 -5.04 46.29	37.78 -8.37 51.95	72.76 -5.77 -8.82
BARRETT_IC_1 23704	134.43 9.78 -8.82	140.49 9.69 -17.28	93.48 7.07 0.00	110.92 7.52 0.00	128.40 8.53 0.00	161.16 10.71 0.00	145.97 8.03 -41.16	147.68 7.82 -47.18	124.27 8.48 -18.40	108.37 8.51 -0.04	98.46 7.22 0.00	102.27 7.45 -1.40	115.05 8.24 0.00	117.98 8.56 0.00	112.16 6.67 -22.42	125.70 6.99 -25.15	235.42 6.92 -140.78	175.72 4.41 -115.93	159.96 4.02 -104.58	149.63 5.18 -79.08	149.76 4.72 -88.22	134.50 5.00 -66.94	163.98 7.82 -58.07	148.69 5.45 -73.53
BARRETT_IC_10 23701	134.43 9.78 -8.82	140.49 9.69 -17.28	93.48 7.07 0.00	110.92 7.52 0.00	128.40 8.53 0.00	161.16 10.71 0.00	145.97 8.03 -41.16	147.68 7.82 -47.18	124.27 8.48 -18.40	108.37 8.51 -0.04	98.46 7.22 0.00	102.27 7.45 -1.40	115.05 8.24 0.00	117.98 8.56 0.00	112.16 6.67 -22.42	125.70 6.99 -25.15	235.42 6.92 -140.78	175.72 4.41 -115.93	159.96 4.02 -104.58	149.63 5.18 -79.08	149.76 4.72 -88.22	134.50 5.00 -66.94	163.98 7.82 -58.07	148.69 5.45 -73.53
BARRETT_IC_11 23702	134.43 9.78 -8.82	140.49 9.69 -17.28	93.48 7.07 0.00	110.92 7.52 0.00	128.40 8.53 0.00	161.16 10.71 0.00	145.97 8.03 -41.16	147.68 7.82 -47.18	124.27 8.48 -18.40	108.37 8.51 -0.04	98.46 7.22 0.00	102.27 7.45 -1.40	115.05 8.24 0.00	117.98 8.56 0.00	112.16 6.67 -22.42	125.70 6.99 -25.15	235.42 6.92 -140.78	175.72 4.41 -115.93	159.96 4.02 -104.58	149.63 5.18 -79.08	149.76 4.72 -88.22	134.50 5.00 -66.94	163.98 7.82 -58.07	148.69 5.45 -73.53
BARRETT_IC_12 23703	134.43 9.78 -8.82	140.49 9.69 -17.28	93.48 7.07 0.00	110.92 7.52 0.00	128.40 8.53 0.00	161.16 10.71 0.00	145.97 8.03 -41.16	147.68 7.82 -47.18	124.27 8.48 -18.40	108.37 8.51 -0.04	98.46 7.22 0.00	102.27 7.45 -1.40	115.05 8.24 0.00	117.98 8.56 0.00	112.16 6.67 -22.42	125.70 6.99 -25.15	235.42 6.92 -140.78	175.72 4.41 -115.93	159.96 4.02 -104.58	149.63 5.18 -79.08	149.76 4.72 -88.22	134.50 5.00 -66.94	163.98 7.82 -58.07	148.69 5.45 -73.53
BARRETT_IC_2 23705	134.43 9.78 -8.82	140.49 9.69 -17.28	93.48 7.07 0.00	110.92 7.52 0.00	128.40 8.53 0.00	161.16 10.71 0.00	145.97 8.03 -41.16	147.68 7.82 -47.18	124.27 8.48 -18.40	108.37 8.51 -0.04	98.46 7.22 0.00	102.27 7.45 -1.40	115.05 8.24 0.00	117.98 8.56 0.00	112.16 6.67 -22.42	125.70 6.99 -25.15	235.42 6.92 -140.78	175.72 4.41 -115.93	159.96 4.02 -104.58	149.63 5.18 -79.08	149.76 4.72 -88.22	134.50 5.00 -66.94	163.98 7.82 -58.07	148.69 5.45 -73.53
BARRETT_IC_3 23706	134.43 9.78 -8.82	140.49 9.69 -17.28	93.48 7.07 0.00	110.92 7.52 0.00	128.40 8.53 0.00	161.16 10.71 0.00	145.97 8.03 -41.16	147.68 7.82 -47.18	124.27 8.48 -18.40	108.37 8.51 -0.04	98.46 7.22 0.00	102.27 7.45 -1.40	115.05 8.24 0.00	117.98 8.56 0.00	112.16 6.67 -22.42	125.70 6.99 -25.15	235.42 6.92 -140.78	175.72 4.41 -115.93	159.96 4.02 -104.58	149.63 5.18 -79.08	149.76 4.72 -88.22	134.50 5.00 -66.94	163.98 7.82 -58.07	148.69 5.45 -73.53
BARRETT_IC_4 23707	134.43 9.78 -8.82	140.49 9.69 -17.28	93.48 7.07 0.00	110.92 7.52 0.00	128.40 8.53 0.00	161.16 10.71 0.00	145.97 8.03 -41.16	147.68 7.82 -47.18	124.27 8.48 -18.40	108.37 8.51 -0.04	98.46 7.22 0.00	102.27 7.45 -1.40	115.05 8.24 0.00	117.98 8.56 0.00	112.16 6.67 -22.42	125.70 6.99 -25.15	235.42 6.92 -140.78	175.72 4.41 -115.93	159.96 4.02 -104.58	149.63 5.18 -79.08	149.76 4.72 -88.22	134.50 5.00 -66.94	163.98 7.82 -58.07	148.69 5.45 -73.53

BARRETT_IC_5 23708	134.43 9.78 -8.82	140.49 9.69 -17.28	93.48 7.07 0.00	110.92 7.52 0.00	128.40 8.53 0.00	161.16 10.71 0.00	145.97 8.03 -41.16	147.68 7.82 -47.18	124.27 8.48 -18.40	108.37 8.51 -0.04	98.46 7.22 0.00	102.27 7.45 -1.40	115.05 8.24 0.00	117.98 8.56 0.00	112.16 6.67 -22.42	125.70 6.99 -25.15	235.42 6.92 -140.78	175.72 4.41 -115.93	159.96 4.02 -104.58	149.63 5.18 -79.08	149.76 4.72 -88.22	134.50 5.00 -66.94	163.98 7.82 -58.07	148.69 5.45 -73.53
BARRETT_IC_6 23709	134.43 9.78 -8.82	140.49 9.69 -17.28	93.48 7.07 0.00	110.92 7.52 0.00	128.40 8.53 0.00	161.16 10.71 0.00	145.97 8.03 -41.16	147.68 7.82 -47.18	124.27 8.48 -18.40	108.37 8.51 -0.04	98.46 7.22 0.00	102.27 7.45 -1.40	115.05 8.24 0.00	117.98 8.56 0.00	112.16 6.67 -22.42	125.70 6.99 -25.15	235.42 6.92 -140.78	175.72 4.41 -115.93	159.96 4.02 -104.58	149.63 5.18 -79.08	149.76 4.72 -88.22	134.50 5.00 -66.94	163.98 7.82 -58.07	148.69 5.45 -73.53
BARRETT_IC_7 23710	134.42 9.77 -8.82	140.48 9.68 -17.28	93.48 7.08 0.00	110.90 7.49 0.00	128.40 8.53 0.00	161.15 10.70 0.00	145.98 8.03 -41.16	147.67 7.81 -47.18	124.27 8.48 -18.40	108.35 8.49 -0.04	98.46 7.22 0.00	102.29 7.47 -1.40	115.07 8.26 0.00	117.98 8.57 0.00	112.16 6.67 -22.42	125.70 7.00 -25.15	235.42 6.92 -140.78	175.72 4.41 -115.93	159.96 4.02 -104.58	149.63 5.17 -79.08	149.76 4.71 -88.22	134.51 5.00 -66.94	163.98 7.81 -58.07	148.69 5.45 -73.53
BARRETT_IC_8 23711	134.43 9.78 -8.82	140.49 9.69 -17.28	93.48 7.07 0.00	110.92 7.52 0.00	128.40 8.53 0.00	161.16 10.71 0.00	145.97 8.03 -41.16	147.68 7.82 -47.18	124.27 8.48 -18.40	108.37 8.51 -0.04	98.46 7.22 0.00	102.27 7.45 -1.40	115.05 8.24 0.00	117.98 8.56 0.00	112.16 6.67 -22.42	125.70 6.99 -25.15	235.42 6.92 -140.78	175.72 4.41 -115.93	159.96 4.02 -104.58	149.63 5.18 -79.08	149.76 4.72 -88.22	134.50 5.00 -66.94	163.98 7.82 -58.07	148.69 5.45 -73.53
BARRETT_IC_9 23700	134.43 9.78 -8.82	140.49 9.69 -17.28	93.48 7.07 0.00	110.92 7.52 0.00	128.40 8.53 0.00	161.16 10.71 0.00	145.97 8.03 -41.16	147.68 7.82 -47.18	124.27 8.48 -18.40	108.37 8.51 -0.04	98.46 7.22 0.00	102.27 7.45 -1.40	115.05 8.24 0.00	117.98 8.56 0.00	112.16 6.67 -22.42	125.70 6.99 -25.15	235.42 6.92 -140.78	175.72 4.41 -115.93	159.96 4.02 -104.58	149.63 5.18 -79.08	149.76 4.72 -88.22	134.50 5.00 -66.94	163.98 7.82 -58.07	148.69 5.45 -73.53
BARRETT___1 23545	134.43 9.78 -8.82	140.49 9.69 -17.28	93.48 7.07 0.00	110.92 7.52 0.00	128.40 8.53 0.00	161.16 10.71 0.00	145.97 8.03 -41.16	147.68 7.82 -47.18	124.27 8.48 -18.40	108.37 8.51 -0.04	98.46 7.22 0.00	102.27 7.45 -1.40	115.05 8.24 0.00	117.98 8.56 0.00	112.16 6.67 -22.42	125.70 6.99 -25.15	235.42 6.92 -140.78	175.72 4.41 -115.93	159.96 4.02 -104.58	149.63 5.18 -79.08	149.76 4.72 -88.22	134.50 5.00 -66.94	163.98 7.82 -58.07	148.69 5.45 -73.53
BARRETT___2 23546	134.43 9.78 -8.82	140.49 9.69 -17.28	93.48 7.07 0.00	110.92 7.52 0.00	128.40 8.53 0.00	161.16 10.71 0.00	145.97 8.03 -41.16	147.68 7.82 -47.18	124.27 8.48 -18.40	108.37 8.51 -0.04	98.46 7.22 0.00	102.27 7.45 -1.40	115.05 8.24 0.00	117.98 8.56 0.00	112.16 6.67 -22.42	125.70 6.99 -25.15	235.42 6.92 -140.78	175.72 4.41 -115.93	159.96 4.02 -104.58	149.63 5.18 -79.08	149.76 4.72 -88.22	134.50 5.00 -66.94	163.98 7.82 -58.07	148.69 5.45 -73.53
BATAVIA__115KV_TB1 55881	111.48 -4.34 0.00	108.86 -4.66 0.00	82.39 -4.02 0.00	98.04 -5.37 0.00	114.41 -5.46 0.00	144.15 -6.31 0.00	91.86 -4.93 0.00	86.82 -5.85 0.00	90.09 -7.30 0.00	92.47 -7.35 0.00	79.84 -6.45 4.96	85.35 -5.41 2.66	96.75 -6.97 3.09	94.07 -7.12 8.22	73.43 -5.73 3.92	84.34 -6.35 2.87	78.52 -5.93 3.26	59.42 -3.52 -7.57	48.80 -3.48 -0.93	60.90 -4.30 0.18	51.48 -3.30 2.05	54.05 -3.90 4.61	86.55 -5.80 5.74	74.20 -4.10 -8.59
BAYONEEC___CTG1 323682	125.76 9.94 0.00	123.07 9.55 0.00	93.47 7.07 0.00	111.03 7.62 0.00	128.54 8.67 0.00	161.22 10.76 0.00	104.70 7.92 0.00	100.41 7.74 0.00	105.94 8.55 0.00	108.93 9.06 -0.04	98.44 7.20 0.00	102.28 7.46 -1.40	115.42 8.61 0.00	118.07 8.65 0.00	97.68 6.50 -8.11	125.55 6.84 -25.16	114.40 6.65 -20.03	158.08 4.26 -98.44	159.88 3.91 -104.61	141.18 4.95 -70.84	102.97 4.50 -41.65	103.41 4.73 -36.11	142.17 7.50 -36.58	148.67 5.41 -73.56
BAYONEEC___CTG10 323750	125.76 9.94 0.00	123.07 9.55 0.00	93.47 7.07 0.00	111.03 7.62 0.00	128.54 8.67 0.00	161.22 10.76 0.00	104.70 7.92 0.00	100.41 7.74 0.00	105.94 8.55 0.00	108.93 9.06 -0.04	98.44 7.20 0.00	102.28 7.46 -1.40	115.42 8.61 0.00	118.07 8.65 0.00	97.68 6.50 -8.11	125.55 6.84 -25.16	114.40 6.65 -20.03	158.08 4.26 -98.44	159.88 3.91 -104.61	141.18 4.95 -70.84	102.97 4.50 -41.65	103.41 4.73 -36.11	142.17 7.50 -36.58	148.67 5.41 -73.56
BAYONEEC___CTG2 323683	125.76 9.94 0.00	123.07 9.55 0.00	93.47 7.07 0.00	111.03 7.62 0.00	128.54 8.67 0.00	161.22 10.76 0.00	104.70 7.92 0.00	100.41 7.74 0.00	105.94 8.55 0.00	108.93 9.06 -0.04	98.44 7.20 0.00	102.28 7.46 -1.40	115.42 8.61 0.00	118.07 8.65 0.00	97.68 6.50 -8.11	125.55 6.84 -25.16	114.40 6.65 -20.03	158.08 4.26 -98.44	159.88 3.91 -104.61	141.18 4.95 -70.84	102.97 4.50 -41.65	103.41 4.73 -36.11	142.17 7.50 -36.58	148.67 5.41 -73.56
BAYONEEC___CTG3 323684	125.76 9.94 0.00	123.07 9.55 0.00	93.47 7.07 0.00	111.03 7.62 0.00	128.54 8.67 0.00	161.22 10.76 0.00	104.70 7.92 0.00	100.41 7.74 0.00	105.94 8.55 0.00	108.93 9.06 -0.04	98.44 7.20 0.00	102.28 7.46 -1.40	115.42 8.61 0.00	118.07 8.65 0.00	97.68 6.50 -8.11	125.55 6.84 -25.16	114.40 6.65 -20.03	158.08 4.26 -98.44	159.88 3.91 -104.61	141.18 4.95 -70.84	102.97 4.50 -41.65	103.41 4.73 -36.11	142.17 7.50 -36.58	148.67 5.41 -73.56
BAYONEEC___CTG4 323685	125.76 9.94 0.00	123.07 9.55 0.00	93.47 7.07 0.00	111.03 7.62 0.00	128.54 8.67 0.00	161.22 10.76 0.00	104.70 7.92 0.00	100.41 7.74 0.00	105.94 8.55 0.00	108.93 9.06 -0.04	98.44 7.20 0.00	102.28 7.46 -1.40	115.42 8.61 0.00	118.07 8.65 0.00	97.68 6.50 -8.11	125.55 6.84 -25.16	114.40 6.65 -20.03	158.08 4.26 -98.44	159.88 3.91 -104.61	141.18 4.95 -70.84	102.97 4.50 -41.65	103.41 4.73 -36.11	142.17 7.50 -36.58	148.67 5.41 -73.56
BAYONEEC___CTG5 323686	125.76 9.94 0.00	123.07 9.55 0.00	93.47 7.07 0.00	111.03 7.62 0.00	128.54 8.67 0.00	161.22 10.76 0.00	104.70 7.92 0.00	100.41 7.74 0.00	105.94 8.55 0.00	108.93 9.06 -0.04	98.44 7.20 0.00	102.28 7.46 -1.40	115.42 8.61 0.00	118.07 8.65 0.00	97.68 6.50 -8.11	125.55 6.84 -25.16	114.40 6.65 -20.03	158.08 4.26 -98.44	159.88 3.91 -104.61	141.18 4.95 -70.84	102.97 4.50 -41.65	103.41 4.73 -36.11	142.17 7.50 -36.58	148.67 5.41 -73.56
BAYONEEC___CTG6 323687	125.76 9.94 0.00	123.07 9.55 0.00	93.47 7.07 0.00	111.03 7.62 0.00	128.54 8.67 0.00	161.22 10.76 0.00	104.70 7.92 0.00	100.41 7.74 0.00	105.94 8.55 0.00	108.93 9.06 -0.04	98.44 7.20 0.00	102.28 7.46 -1.40	115.42 8.61 0.00	118.07 8.65 0.00	97.68 6.50 -8.11	125.55 6.84 -25.16	114.40 6.65 -20.03	158.08 4.26 -98.44	159.88 3.91 -104.61	141.18 4.95 -70.84	102.97 4.50 -41.65	103.41 4.73 -36.11	142.17 7.50 -36.58	148.67 5.41 -73.56

BAYONEEC___CTG7 323688	125.76 9.94 0.00	123.07 9.55 0.00	93.47 7.07 0.00	111.03 7.62 0.00	128.54 8.67 0.00	161.22 10.76 0.00	104.70 7.92 0.00	100.41 7.74 0.00	105.94 8.55 0.00	108.93 9.06 -0.04	98.44 7.20 0.00	102.28 7.46 -1.40	115.42 8.61 0.00	118.07 8.65 0.00	97.68 6.50 -8.11	125.55 6.84 -25.16	114.40 6.65 -20.03	158.08 4.26 -98.44	159.88 3.91 -104.61	141.18 4.95 -70.84	102.97 4.50 -41.65	103.41 4.73 -36.11	142.17 7.50 -36.58	148.67 5.41 -73.56
BAYONEEC___CTG8 323689	125.76 9.94 0.00	123.07 9.55 0.00	93.47 7.07 0.00	111.03 7.62 0.00	128.54 8.67 0.00	161.22 10.76 0.00	104.70 7.92 0.00	100.41 7.74 0.00	105.94 8.55 0.00	108.93 9.06 -0.04	98.44 7.20 0.00	102.28 7.46 -1.40	115.42 8.61 0.00	118.07 8.65 0.00	97.68 6.50 -8.11	125.55 6.84 -25.16	114.40 6.65 -20.03	158.08 4.26 -98.44	159.88 3.91 -104.61	141.18 4.95 -70.84	102.97 4.50 -41.65	103.41 4.73 -36.11	142.17 7.50 -36.58	148.67 5.41 -73.56
BAYONEEC___CTG9 323749	125.76 9.94 0.00	123.07 9.55 0.00	93.47 7.07 0.00	111.03 7.62 0.00	128.54 8.67 0.00	161.22 10.76 0.00	104.70 7.92 0.00	100.41 7.74 0.00	105.94 8.55 0.00	108.93 9.06 -0.04	98.44 7.20 0.00	102.28 7.46 -1.40	115.42 8.61 0.00	118.07 8.65 0.00	97.68 6.50 -8.11	125.55 6.84 -25.16	114.40 6.65 -20.03	158.08 4.26 -98.44	159.88 3.91 -104.61	141.18 4.95 -70.84	102.97 4.50 -41.65	103.41 4.73 -36.11	142.17 7.50 -36.58	148.67 5.41 -73.56
BEACON___LESR 323632	121.87 6.04 0.00	119.52 6.00 0.00	91.05 4.64 0.00	108.61 5.20 0.00	125.66 5.79 0.00	157.42 6.97 0.00	101.71 4.93 0.00	97.62 4.95 0.00	102.62 5.23 0.00	105.11 5.24 -0.04	96.67 5.43 0.00	100.74 5.61 -1.71	112.81 6.00 0.00	115.57 6.16 0.00	97.74 4.78 -9.89	132.61 5.18 -33.87	148.08 5.08 -55.29	222.62 3.18 -164.07	221.09 2.91 -166.83	168.23 3.71 -99.15	125.90 3.25 -65.82	154.14 3.54 -88.03	158.13 5.39 -54.65	163.47 3.63 -90.13
BEAVER RIVER___HYD 24048	119.43 3.61 0.00	116.90 3.38 0.00	88.89 2.48 0.00	106.46 3.05 0.00	123.55 3.68 0.00	155.02 4.57 0.00	99.33 2.55 0.00	94.85 2.18 0.00	98.20 0.81 0.00	99.83 0.01 0.00	91.58 0.34 0.00	94.15 0.67 -0.05	107.11 0.30 0.00	109.96 0.55 0.00	84.00 0.64 -0.30	95.61 1.23 -0.83	89.08 1.29 -0.07	58.71 0.70 -2.63	54.64 0.36 -2.93	68.55 0.93 -2.24	58.56 0.61 -1.12	62.95 0.03 -0.36	98.94 -0.22 -1.07	71.65 -0.72 -2.67
BEEBEE_GT_13 23619	111.86 -3.96 0.00	109.31 -4.21 0.00	82.91 -3.50 0.00	98.76 -4.65 0.00	114.93 -4.94 0.00	144.55 -5.90 0.00	92.60 -4.19 0.00	87.99 -4.69 0.00	91.72 -5.67 0.00	94.13 -5.70 0.00	84.20 -5.08 1.97	89.35 -4.27 -0.20	101.06 -5.28 0.48	100.33 -5.37 3.70	79.99 -4.13 -1.05	91.49 -4.73 -2.68	83.15 -4.36 0.21	58.92 -2.65 -6.19	55.60 -2.66 -6.91	69.61 -3.36 -7.60	54.96 -2.70 -0.83	56.56 -3.30 2.70	91.87 -5.00 1.23	74.25 -3.33 -7.88
BENSHRST_27_KV_BENSHRST_1 355998	150.84 11.09 -23.92	147.23 10.65 -23.06	117.33 7.85 -23.08	134.69 8.55 -22.73	152.47 9.74 -22.86	198.50 12.24 -35.81	126.99 8.88 -21.33	125.49 8.67 -24.16	520.18 9.58 -413.21	299.96 10.08 -190.05	131.42 8.18 -32.00	132.22 8.62 -30.17	244.58 9.86 -127.91	404.06 9.92 -284.73	127.43 7.46 -36.90	139.37 7.97 -37.84	144.85 7.69 -49.44	190.80 5.00 -130.41	229.36 4.61 -173.39	144.78 5.88 -73.52	115.97 5.28 -53.86	108.04 5.55 -39.93	172.18 8.73 -65.36	196.25 6.35 -120.19
BETHLEHEM___GRP 23843	119.74 3.91 0.00	117.40 3.89 0.00	89.44 3.04 0.00	106.76 3.36 0.00	123.37 3.50 0.00	154.51 4.05 0.00	99.76 2.97 0.00	95.56 2.89 0.00	100.59 3.21 0.00	103.19 3.32 -0.04	95.02 3.78 0.00	99.18 4.05 -1.71	111.07 4.26 0.00	113.70 4.29 0.00	96.16 3.20 -9.90	130.73 3.39 -33.79	145.19 3.15 -54.32	220.14 2.01 -162.75	218.87 1.84 -165.67	166.54 2.36 -98.80	124.31 2.10 -65.38	151.53 2.30 -86.66	156.02 3.56 -54.36	162.11 2.22 -90.18
BETHLEHEM___GS1 323560	119.73 3.91 0.00	117.41 3.88 0.00	89.44 3.04 0.00	106.76 3.35 0.00	123.37 3.50 0.00	154.51 4.05 0.00	99.76 2.97 0.00	95.57 2.89 0.00	100.59 3.20 0.00	103.19 3.32 -0.04	95.02 3.78 0.00	99.17 4.04 -1.71	111.12 4.31 0.00	113.69 4.28 0.00	96.16 3.19 -9.90	130.73 3.39 -33.79	145.20 3.15 -54.32	220.14 2.01 -162.75	218.87 1.85 -165.67	166.54 2.36 -98.80	124.31 2.10 -65.38	151.53 2.30 -86.66	156.02 3.56 -54.36	162.11 2.22 -90.18
BETHLEHEM___GS2 323561	119.73 3.91 0.00	117.41 3.88 0.00	89.44 3.04 0.00	106.76 3.35 0.00	123.37 3.50 0.00	154.51 4.05 0.00	99.76 2.97 0.00	95.57 2.89 0.00	100.59 3.20 0.00	103.19 3.32 -0.04	95.02 3.78 0.00	99.17 4.04 -1.71	111.12 4.31 0.00	113.69 4.28 0.00	96.16 3.19 -9.90	130.73 3.39 -33.79	145.20 3.15 -54.32	220.14 2.01 -162.75	218.87 1.85 -165.67	166.54 2.36 -98.80	124.31 2.10 -65.38	151.53 2.30 -86.66	156.02 3.56 -54.36	162.11 2.22 -90.18
BETHLEHEM___GS3 323562	119.73 3.91 0.00	117.41 3.88 0.00	89.44 3.04 0.00	106.76 3.35 0.00	123.37 3.50 0.00	154.51 4.05 0.00	99.76 2.97 0.00	95.57 2.89 0.00	100.59 3.20 0.00	103.19 3.32 -0.04	95.02 3.78 0.00	99.17 4.04 -1.71	111.12 4.31 0.00	113.69 4.28 0.00	96.16 3.19 -9.90	130.73 3.39 -33.79	145.20 3.15 -54.32	220.14 2.01 -162.75	218.87 1.85 -165.67	166.54 2.36 -98.80	124.31 2.10 -65.38	151.53 2.30 -86.66	156.02 3.56 -54.36	162.11 2.22 -90.18
BETHLEHEM___STEEL 23779	109.29 -6.54 0.00	106.72 -6.80 0.00	80.66 -5.74 0.00	95.86 -7.54 0.00	111.74 -8.13 0.00	140.67 -9.78 0.00	89.53 -7.26 0.00	84.35 -8.32 0.00	87.31 -10.07 0.00	89.82 -10.01 0.00	73.78 -8.93 8.53	79.89 -7.92 5.62	91.13 -9.73 5.95	86.08 -9.65 13.68	66.56 -7.42 9.09	76.16 -8.55 8.85	71.23 -7.97 8.52	56.35 -5.19 -6.16	37.77 -5.09 8.50	48.32 -6.46 10.59	44.22 -5.19 7.42	47.48 -6.02 9.05	78.29 -9.01 10.79	73.01 -6.23 -9.53
BETHLHEM_115KV_TB1 79974	119.89 4.07 0.00	117.55 4.02 0.00	89.53 3.13 0.00	106.86 3.45 0.00	123.53 3.66 0.00	154.74 4.29 0.00	99.86 3.08 0.00	95.69 3.02 0.00	100.73 3.34 0.00	103.33 3.46 -0.04	95.02 3.77 0.00	99.15 4.02 -1.71	111.09 4.28 0.00	113.72 4.31 0.00	96.21 3.25 -9.89	130.57 3.46 -33.55	143.15 3.21 -52.22	217.12 2.05 -159.69	216.15 1.88 -162.92	165.65 2.40 -97.87	123.31 2.15 -64.33	148.58 2.35 -83.66	155.37 3.63 -53.65	162.12 2.33 -90.08
BETHPAGE_CC_5 323564	135.51 10.86 -8.82	141.50 10.70 -17.28	94.24 7.84 0.00	111.78 8.37 0.00	129.42 9.55 0.00	162.31 11.85 0.00	146.77 8.83 -41.16	148.41 8.56 -47.18	125.09 9.30 -18.40	109.08 9.21 -0.04	98.96 7.72 0.00	102.74 7.92 -1.40	115.78 8.96 0.00	118.80 9.38 0.00	112.78 7.29 -22.42	126.33 7.63 -25.15	236.16 7.66 -140.78	176.24 4.92 -115.93	160.42 4.48 -104.58	150.23 5.77 -79.08	150.18 5.14 -88.22	134.95 5.44 -66.94	164.67 8.51 -58.07	149.18 5.94 -73.53
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	109.69 -6.13 0.00	107.13 -6.39 0.00	80.98 -5.43 0.00	96.26 -7.14 0.00	112.18 -7.69 0.00	141.24 -9.22 0.00	89.92 -6.87 0.00	84.71 -7.96 0.00	87.76 -9.63 0.00	90.28 -9.54 0.00	74.40 -8.52 8.32	80.67 -7.49 5.27	91.89 -9.25 5.68	86.86 -9.13 13.42	67.56 -7.05 8.46	77.40 -8.11 8.05	72.33 -7.53 7.86	57.05 -4.93 -6.60	39.72 -4.90 6.73	51.55 -6.22 7.60	45.62 -4.95 6.26	48.14 -5.77 8.66	79.08 -8.62 10.40	73.41 -6.00 -9.71

BINGHAMTON___COGEN 23790	116.20 0.38 0.00	113.85 0.33 0.00	86.49 0.08 0.00	103.31 -0.10 0.00	119.71 -0.16 0.00	150.30 -0.15 0.00	96.82 0.04 0.00	92.51 -0.16 0.00	97.11 -0.28 0.00	99.48 -0.35 -0.01	88.86 -0.75 1.64	93.51 -0.37 -0.45	105.93 -0.46 0.42	105.88 -0.46 3.07	85.51 -0.16 -2.61	101.25 -0.37 -8.06	94.55 -0.27 -7.10	86.22 -0.22 -31.06	83.65 -0.28 -32.58	88.30 -0.32 -23.25	68.09 -0.26 -11.53	72.02 -0.53 -9.98	105.39 -0.93 -8.23	91.93 -0.61 -22.83
BIXINCNT_115KV_LOAD 355685	111.53 -4.30 0.00	109.01 -4.51 0.00	82.48 -3.92 0.00	98.01 -5.39 0.00	113.97 -5.90 0.00	143.62 -6.83 0.00	91.34 -5.44 0.00	85.78 -6.89 0.00	89.61 -7.77 0.00	91.89 -7.93 0.00	76.30 -7.74 7.20	82.98 -7.01 3.43	94.29 -8.30 4.21	89.16 -8.19 12.05	71.40 -6.54 5.13	83.11 -6.59 3.85	77.61 -5.72 4.40	60.11 -4.00 -8.73	47.84 -4.80 -1.29	63.40 -6.05 -4.07	49.95 -4.94 1.93	50.27 -5.67 6.63	81.45 -8.23 8.41	74.14 -6.09 -10.52
BLACK RIVER___HYD 24047	120.74 4.91 0.00	118.02 4.50 0.00	89.67 3.27 0.00	107.37 3.96 0.00	124.53 4.66 0.00	156.39 5.93 0.00	100.43 3.65 0.00	95.86 3.19 0.00	99.09 1.71 0.00	100.53 0.70 0.00	92.31 1.07 0.00	94.98 1.49 -0.07	107.75 0.94 0.00	110.40 0.99 0.00	84.72 1.24 -0.41	96.69 1.98 -1.16	90.17 2.35 -0.10	60.47 1.42 -3.67	56.37 0.93 -4.09	70.25 1.74 -3.13	59.74 1.36 -1.56	63.62 0.56 -0.50	99.91 0.33 -1.49	73.00 -0.42 -3.72
BLACKRVR_115KV_TB2 79977	120.74 4.91 0.00	118.02 4.50 0.00	89.67 3.27 0.00	107.38 3.98 0.00	124.54 4.67 0.00	156.39 5.93 0.00	100.44 3.66 0.00	95.88 3.20 0.00	99.09 1.70 0.00	100.54 0.71 0.00	92.30 1.06 0.00	95.00 1.50 -0.07	107.75 0.94 0.00	110.40 0.99 0.00	84.72 1.24 -0.41	96.69 1.99 -1.16	90.17 2.35 -0.10	60.47 1.42 -3.67	56.37 0.93 -4.09	70.25 1.74 -3.13	59.74 1.36 -1.56	63.62 0.56 -0.50	99.91 0.33 -1.49	73.00 -0.42 -3.72
BLISS_WT_PWR 323608	110.92 -4.46 0.44	108.87 -4.65 0.00	82.39 -4.02 0.00	97.83 -5.57 0.00	113.74 -6.13 0.00	143.44 -7.02 0.00	91.15 -5.64 0.00	85.49 -7.18 0.00	89.40 -7.98 0.00	91.61 -8.21 0.00	75.99 -8.05 7.20	82.48 -7.51 3.43	93.75 -8.85 4.21	88.70 -8.66 12.05	70.98 -6.96 5.13	82.85 -6.85 3.85	77.56 -5.76 4.40	60.06 -4.04 -8.73	47.60 -5.05 -1.29	63.10 -6.36 -4.07	49.69 -5.21 1.93	49.93 -6.01 6.63	80.90 -8.78 8.41	73.75 -6.48 -10.52
BLUESTONE___WT_PWR 323821	124.05 8.15 -0.07	121.32 7.80 0.00	92.06 5.65 0.00	109.93 6.52 0.00	127.11 7.24 0.00	159.93 9.47 0.00	103.36 6.57 0.00	99.25 6.58 0.00	103.60 6.21 0.00	105.99 6.15 -0.02	98.23 5.08 -1.90	98.53 4.63 -0.49	111.06 3.77 -0.48	118.26 5.28 -3.57	90.41 4.53 -2.82	107.74 4.80 -9.38	103.46 4.08 -11.66	100.89 2.76 -42.76	97.24 1.23 -44.66	93.03 1.16 -26.50	77.18 0.87 -19.48	85.24 0.39 -22.29	115.88 -0.94 -18.72	96.14 -0.17 -26.61
BLUE_CIRC_CHEM_DRP 24182	120.55 4.73 0.00	118.19 4.67 0.00	90.02 3.62 0.00	107.42 4.01 0.00	124.29 4.42 0.00	155.73 5.28 0.00	100.44 3.66 0.00	96.20 3.53 0.00	101.04 3.65 0.00	103.37 3.50 -0.04	94.74 3.49 0.00	98.89 3.79 -1.68	110.90 4.08 0.00	113.81 4.40 0.00	96.24 3.42 -9.75	129.58 3.78 -32.24	134.84 3.65 -43.47	203.65 2.29 -145.98	203.83 2.07 -150.40	161.17 2.64 -93.16	118.69 2.36 -59.50	136.19 2.57 -71.06	152.45 4.08 -50.27	161.16 2.78 -88.67
BOC_GAS_DRP 24189	120.04 4.22 0.00	117.68 4.16 0.00	89.59 3.18 0.00	106.85 3.45 0.00	123.66 3.79 0.00	154.96 4.50 0.00	100.01 3.23 0.00	95.79 3.12 0.00	100.81 3.42 0.00	103.42 3.55 -0.04	94.67 3.43 0.00	98.77 3.65 -1.70	110.82 4.01 0.00	113.48 4.07 0.00	96.04 3.13 -9.84	129.13 3.36 -32.21	131.42 3.14 -40.56	199.99 1.96 -142.65	200.78 1.79 -147.63	160.36 2.29 -92.69	117.35 2.06 -58.46	131.80 2.25 -66.99	151.30 3.53 -49.68	161.66 2.45 -89.50
BOONVILLE_115KV_TB1 79983	120.22 4.39 0.00	117.78 4.26 0.00	89.60 3.19 0.00	107.18 3.77 0.00	124.34 4.47 0.00	156.17 5.72 0.00	100.52 3.73 0.00	96.12 3.45 0.00	100.23 2.84 0.00	102.14 2.31 0.00	93.26 2.01 0.00	95.67 2.21 -0.04	109.42 2.61 0.00	112.34 2.93 0.00	85.62 2.30 -0.25	97.20 2.94 -0.71	90.63 2.85 -0.06	59.36 1.74 -2.25	55.31 1.45 -2.51	69.35 2.05 -1.92	59.47 1.69 -0.96	64.32 1.45 -0.30	101.02 2.01 -0.91	73.03 1.04 -2.28
BORALEX_4TH_BRANCH 23824	123.92 8.09 0.00	121.55 8.03 0.00	92.73 6.32 0.00	110.33 6.93 0.00	127.74 7.87 0.00	159.73 9.27 0.00	103.31 6.53 0.00	98.93 6.26 0.00	104.32 6.93 0.00	106.93 7.07 -0.04	98.27 7.03 0.00	102.62 7.50 -1.70	115.17 8.35 0.00	117.77 8.36 0.00	99.60 6.67 -9.87	136.15 7.37 -35.24	163.17 6.25 -69.20	242.89 3.83 -183.68	239.12 3.48 -184.28	174.51 4.43 -104.71	133.31 3.97 -72.51	175.10 4.69 -107.85	164.61 7.43 -59.08	165.31 5.52 -90.08
BOWLINE___1 23526	123.63 7.81 0.00	121.06 7.54 0.00	92.00 5.60 0.00	109.40 6.00 0.00	126.65 6.78 0.00	158.80 8.34 0.00	103.08 6.29 0.00	98.72 6.05 0.00	104.01 6.63 0.00	106.74 6.88 -0.03	96.85 5.60 0.00	100.48 5.70 -1.36	113.32 6.51 0.00	115.93 6.52 0.00	95.99 5.06 -7.87	123.41 5.46 -24.40	112.33 5.21 -19.41	154.25 3.43 -95.44	155.94 3.15 -101.43	138.05 3.98 -68.69	100.78 3.58 -40.38	101.31 3.75 -34.99	139.47 5.91 -35.47	145.31 4.27 -71.33
BOWLINE___2 23595	123.81 7.99 0.00	121.23 7.71 0.00	92.14 5.73 0.00	109.60 6.20 0.00	126.82 6.95 0.00	159.06 8.60 0.00	103.24 6.46 0.00	98.89 6.22 0.00	104.19 6.80 0.00	106.90 7.04 -0.03	96.98 5.74 0.00	100.65 5.87 -1.36	113.53 6.72 0.00	116.10 6.69 0.00	96.12 5.18 -7.87	123.57 5.62 -24.40	112.47 5.34 -19.41	154.34 3.51 -95.45	156.04 3.24 -101.44	138.15 4.08 -68.70	100.87 3.66 -40.38	101.42 3.85 -35.00	139.61 6.04 -35.47	145.44 4.40 -71.34
BRADY___115KV_TB2 356060	115.56 -0.27 0.00	113.30 -0.22 0.00	86.24 -0.16 0.00	103.87 0.47 0.00	120.48 0.61 0.00	151.17 0.71 0.00	96.09 -0.69 0.00	92.14 -0.53 0.00	97.16 -0.22 0.00	99.28 -0.55 0.00	90.51 -0.73 0.00	92.47 -0.95 0.00	105.85 -0.97 0.00	108.81 -0.60 0.00	82.58 -0.48 0.00	92.93 -0.62 0.00	87.21 -0.51 0.00	55.04 -0.33 0.00	51.03 -0.32 0.00	65.03 -0.34 0.00	56.27 -0.56 0.00	62.13 -0.44 0.00	97.74 -0.36 0.00	69.67 -0.04 0.00
BRANSCOMB___SOLAR 323811	124.41 8.58 0.00	121.88 8.36 0.00	92.99 6.58 0.00	110.84 7.43 0.00	128.47 8.60 0.00	161.12 10.66 0.00	104.24 7.46 0.00	99.91 7.24 0.00	105.03 7.64 0.00	107.01 7.14 -0.04	97.60 6.36 0.00	101.80 6.63 -1.75	114.38 7.57 0.00	117.42 8.00 0.00	99.63 6.40 -10.17	139.22 7.55 -38.12	183.72 7.27 -88.73	274.08 4.56 -214.14	267.59 4.16 -212.07	185.72 5.22 -115.12	144.66 4.62 -83.22	203.62 5.09 -135.96	172.57 7.92 -66.56	168.50 5.69 -93.10
BRENTWOD_69_KV_W. BRTWOOD 56703	137.43 12.78 -8.82	143.54 12.74 -17.28	95.79 9.39 0.00	113.57 10.16 0.00	131.50 11.63 0.00	165.18 14.73 0.00	148.76 10.82 -41.16	150.35 10.49 -47.18	127.06 11.27 -18.40	110.63 10.76 -0.04	100.45 9.21 0.00	104.12 9.30 -1.40	117.37 10.55 0.00	120.56 11.14 0.00	114.25 8.76 -22.42	127.58 8.88 -25.15	237.58 9.08 -140.78	177.07 5.76 -115.93	161.20 5.27 -104.58	151.32 6.86 -79.08	151.08 6.03 -88.22	135.81 6.30 -66.94	166.03 9.86 -58.07	150.12 6.88 -73.53



BRISTLHL_115KV_TB1 79998	113.31 -2.52 0.00	110.96 -2.56 0.00	84.33 -2.08 0.00	100.72 -2.69 0.00	116.88 -2.99 0.00	146.80 -3.65 0.00	94.52 -2.27 0.00	90.41 -2.26 0.00	94.83 -2.56 0.00	97.10 -2.73 0.00	88.69 -2.55 0.00	91.24 -2.30 -0.11	104.11 -2.70 0.00	106.56 -2.86 0.00	81.59 -2.12 -0.64	93.02 -2.35 -1.81	85.78 -2.10 -0.15	59.85 -1.26 -5.73	56.51 -1.23 -6.38	68.70 -1.56 -4.88	57.94 -1.32 -2.44	61.73 -1.61 -0.78	97.75 -2.66 -2.32	73.62 -1.89 -5.80
BROOKHAVEN___DRP 24191	138.60 13.95 -8.82	144.05 13.25 -17.28	96.22 9.82 0.00	114.24 10.83 0.00	132.48 12.61 0.00	166.77 16.31 0.00	150.00 12.06 -41.16	151.81 11.96 -47.18	128.41 12.62 -18.40	110.73 10.86 -0.04	100.89 9.64 0.00	104.33 9.51 -1.40	117.23 10.41 0.00	120.49 11.08 0.00	114.52 9.03 -22.42	126.79 8.09 -25.15	237.55 9.06 -140.78	177.02 5.71 -115.93	161.13 5.19 -104.58	151.34 6.88 -79.08	150.94 5.89 -88.22	135.22 5.71 -66.94	165.18 9.01 -58.07	149.64 6.40 -73.53
BROOKLYN_NAVY_YARD 23515	125.73 9.91 0.00	123.04 9.52 0.00	93.46 7.05 0.00	110.98 7.57 0.00	128.43 8.56 0.00	161.19 10.74 0.00	104.65 7.86 0.00	100.40 7.73 0.00	105.90 8.51 0.00	108.89 9.03 -0.04	98.51 7.27 0.00	102.30 7.48 -1.40	115.57 8.76 0.00	118.16 8.75 0.00	97.81 6.64 -8.11	125.65 6.93 -25.16	114.51 6.76 -20.03	158.15 4.32 -98.44	159.94 3.97 -104.61	141.24 5.02 -70.84	103.03 4.55 -41.65	103.45 4.77 -36.11	142.16 7.48 -36.58	148.65 5.39 -73.56
BROOKLYN___ARMY_DRP 323595	150.14 10.40 -23.92	146.57 9.99 -23.06	116.85 7.36 -23.08	134.12 7.98 -22.73	151.82 9.09 -22.86	197.61 11.34 -35.81	126.43 8.32 -21.33	124.96 8.13 -24.16	519.60 9.00 -413.21	299.35 9.48 -190.05	130.87 7.62 -32.00	131.59 8.00 -30.17	243.92 9.20 -127.91	403.33 9.19 -284.73	126.89 6.93 -36.90	138.77 7.38 -37.84	144.28 7.12 -49.44	190.43 4.64 -130.41	229.01 4.26 -173.39	144.34 5.44 -73.52	115.59 4.90 -53.86	107.63 5.14 -39.93	171.56 8.11 -65.36	195.83 5.93 -120.19
BROOKVLE_69_KV_TB1 55790	136.03 11.38 -8.82	142.06 11.26 -17.28	94.69 8.28 0.00	112.36 8.95 0.00	130.14 10.27 0.00	163.27 12.81 0.00	147.39 9.44 -41.16	149.00 9.15 -47.18	125.72 9.94 -18.40	109.85 9.99 -0.04	99.67 8.43 0.00	103.49 8.67 -1.40	116.63 9.82 0.00	119.62 10.21 0.00	113.37 7.88 -22.42	127.06 8.35 -25.15	236.78 8.29 -140.78	176.64 5.33 -115.93	160.77 4.83 -104.58	150.67 6.21 -79.08	150.58 5.54 -88.22	135.37 5.86 -66.94	165.29 9.13 -58.07	149.65 6.41 -73.53
BROOME_2_LFGE 323671	116.28 0.38 -0.07	113.87 0.35 0.00	86.50 0.09 0.00	103.32 -0.09 0.00	119.73 -0.14 0.00	150.33 -0.12 0.00	96.83 0.05 0.00	92.53 -0.14 0.00	97.13 -0.26 0.00	99.48 -0.35 -0.01	88.85 -0.75 1.64	93.48 -0.39 -0.45	105.92 -0.47 0.42	105.88 -0.46 3.07	85.51 -0.16 -2.61	101.24 -0.37 -8.06	94.55 -0.27 -7.10	86.22 -0.22 -31.06	83.64 -0.29 -32.58	88.29 -0.33 -23.25	68.09 -0.27 -11.53	71.99 -0.56 -9.98	105.37 -0.95 -8.23	91.92 -0.62 -22.83
BROOME___LFGE 323600	116.28 0.38 -0.07	113.87 0.35 0.00	86.50 0.09 0.00	103.32 -0.09 0.00	119.73 -0.14 0.00	150.33 -0.12 0.00	96.83 0.05 0.00	92.53 -0.14 0.00	97.13 -0.26 0.00	99.48 -0.35 -0.01	88.85 -0.75 1.64	93.48 -0.39 -0.45	105.92 -0.47 0.42	105.88 -0.46 3.07	85.51 -0.16 -2.61	101.24 -0.37 -8.06	94.55 -0.27 -7.10	86.22 -0.22 -31.06	83.64 -0.29 -32.58	88.29 -0.33 -23.25	68.09 -0.27 -11.53	71.99 -0.56 -9.98	105.37 -0.95 -8.23	91.92 -0.62 -22.83
BROWNFLS_115KV_TB_3_5 80003	117.20 1.37 0.00	114.76 1.25 0.00	87.30 0.89 0.00	104.77 1.37 0.00	121.61 1.74 0.00	152.34 1.89 0.00	97.06 0.28 0.00	92.77 0.10 0.00	96.83 -0.56 0.00	98.73 -1.10 0.00	90.69 -0.55 0.00	93.02 -0.44 -0.04	106.03 -0.78 0.00	108.81 -0.60 0.00	82.91 -0.36 -0.21	94.01 -0.13 -0.58	87.47 -0.30 -0.05	56.83 -0.39 -1.84	52.85 -0.56 -2.06	66.55 -0.40 -1.57	57.05 -0.56 -0.79	61.97 -0.84 -0.25	97.75 -1.09 -0.75	70.67 -0.90 -1.87
BROWNSV1_27_KV_LOAD 356125	127.15 11.33 0.00	124.39 10.86 0.00	94.44 8.04 0.00	112.18 8.77 0.00	129.87 10.00 0.00	162.92 12.46 0.00	105.81 9.03 0.00	101.50 8.83 0.00	107.06 9.67 0.00	110.11 10.25 -0.04	99.63 8.38 0.00	103.51 8.69 -1.40	116.78 9.97 0.00	119.49 10.07 0.00	98.79 7.61 -8.11	126.77 8.06 -25.16	115.58 7.83 -20.03	158.86 5.04 -98.44	160.60 4.62 -104.61	142.09 5.87 -70.84	103.76 5.28 -41.65	104.25 5.58 -36.11	143.36 8.69 -36.58	149.50 6.24 -73.56
BURROWS___LYONSDAL 23803	120.14 4.31 0.00	117.67 4.15 0.00	89.50 3.09 0.00	107.09 3.68 0.00	124.29 4.42 0.00	156.05 5.59 0.00	100.33 3.55 0.00	95.88 3.21 0.00	99.73 2.34 0.00	101.52 1.69 0.00	92.79 1.54 0.00	95.26 1.80 -0.05	108.81 2.00 0.00	111.74 2.33 0.00	85.19 1.87 -0.26	96.82 2.53 -0.74	90.23 2.45 -0.06	59.17 1.47 -2.32	55.10 1.15 -2.59	69.13 1.77 -1.98	59.24 1.42 -0.99	63.96 1.08 -0.32	100.46 1.42 -0.94	72.56 0.50 -2.36
CAITHNESS_CC_1 323624	138.38 13.73 -8.82	143.85 13.04 -17.28	96.06 9.65 0.00	114.02 10.61 0.00	132.24 12.37 0.00	166.41 15.95 0.00	149.74 11.79 -41.16	151.57 11.72 -47.18	128.19 12.40 -18.40	110.68 10.82 -0.04	100.78 9.53 0.00	104.22 9.40 -1.40	117.14 10.33 0.00	120.39 10.98 0.00	114.43 8.95 -22.42	126.84 8.14 -25.15	237.50 9.00 -140.78	176.99 5.67 -115.93	161.12 5.19 -104.58	151.31 6.86 -79.08	150.92 5.88 -88.22	135.18 5.67 -66.94	165.08 8.91 -58.07	149.53 6.29 -73.53
CALPINE BETH_PAGE_GT4 24209	135.46 10.81 -8.82	141.50 10.70 -17.28	94.27 7.87 0.00	111.81 8.40 0.00	129.46 9.59 0.00	162.40 11.94 0.00	146.83 8.89 -41.16	148.48 8.62 -47.18	125.13 9.35 -18.40	109.16 9.30 -0.04	99.04 7.80 0.00	102.82 8.00 -1.40	115.86 9.04 0.00	118.86 9.45 0.00	112.84 7.35 -22.42	126.43 7.73 -25.15	236.25 7.75 -140.78	176.29 4.98 -115.93	160.47 4.53 -104.58	150.28 5.82 -79.08	150.23 5.19 -88.22	135.01 5.50 -66.94	164.76 8.59 -58.07	149.23 5.99 -73.53
CALPINE_BETH_PAGE_GT_4 323586	135.47 10.82 -8.82	141.52 10.71 -17.28	94.27 7.87 0.00	111.81 8.40 0.00	129.47 9.60 0.00	162.41 11.95 0.00	146.84 8.89 -41.16	148.48 8.62 -47.18	125.14 9.35 -18.40	109.16 9.30 -0.04	99.04 7.80 0.00	102.82 8.00 -1.40	115.86 9.05 0.00	118.86 9.45 0.00	112.84 7.35 -22.42	126.43 7.73 -25.15	236.24 7.74 -140.78	176.29 4.98 -115.93	160.47 4.53 -104.58	150.28 5.82 -79.08	150.23 5.18 -88.22	135.00 5.50 -66.94	164.73 8.57 -58.07	149.22 5.98 -73.53
CALPINE_BP_GT1 23823	135.47 10.82 -8.82	141.52 10.71 -17.28	94.27 7.87 0.00	111.81 8.40 0.00	129.47 9.60 0.00	162.41 11.95 0.00	146.84 8.89 -41.16	148.48 8.62 -47.18	125.14 9.35 -18.40	109.16 9.30 -0.04	99.04 7.80 0.00	102.82 8.00 -1.40	115.86 9.05 0.00	118.86 9.45 0.00	112.84 7.35 -22.42	126.43 7.73 -25.15	236.24 7.74 -140.78	176.29 4.98 -115.93	160.47 4.53 -104.58	150.28 5.82 -79.08	150.23 5.18 -88.22	135.00 5.50 -66.94	164.73 8.57 -58.07	149.22 5.98 -73.53
CALSPAN___DRP 24200	109.29 -6.54 0.00	106.72 -6.80 0.00	80.66 -5.74 0.00	95.86 -7.54 0.00	111.74 -8.13 0.00	140.67 -9.78 0.00	89.53 -7.26 0.00	84.35 -8.32 0.00	87.31 -10.07 0.00	89.82 -10.01 0.00	73.78 -8.93 8.53	79.89 -7.92 5.62	91.13 -9.73 5.95	86.08 -9.65 13.68	66.56 -7.42 9.09	76.16 -8.55 8.85	71.23 -7.97 8.52	56.35 -5.19 -6.16	37.77 -5.09 8.50	48.32 -6.46 10.59	44.22 -5.19 7.42	47.48 -6.02 9.05	78.29 -9.01 10.79	73.01 -6.23 -9.53

CALVERTON___SOLAR 323806	138.90 14.25 -8.82	144.35 13.55 -17.28	96.48 10.07 0.00	114.56 11.15 0.00	132.91 13.04 0.00	167.32 16.87 0.00	150.37 12.43 -41.16	152.19 12.33 -47.18	128.76 12.97 -18.40	110.91 11.05 -0.04	101.08 9.84 0.00	104.51 9.69 -1.40	117.39 10.57 0.00	120.66 11.25 0.00	114.68 9.19 -22.42	126.83 8.13 -25.15	237.65 9.15 -140.78	177.09 5.78 -115.93	161.19 5.26 -104.58	151.39 6.93 -79.08	150.97 5.93 -88.22	135.28 5.77 -66.94	165.30 9.13 -58.07	149.74 6.50 -73.53
CANDIGU_WT_PWR 323617	111.60 -4.48 -0.26	109.13 -4.39 0.00	82.55 -3.86 0.00	98.31 -5.10 0.00	114.10 -5.78 0.00	143.73 -6.73 0.00	92.31 -4.48 0.00	87.19 -5.48 0.00	91.17 -6.21 0.00	93.36 -6.47 0.00	51.20 -6.92 33.12	55.14 -6.54 31.74	69.96 -7.69 29.16	52.64 -7.39 49.39	22.61 -5.09 55.37	23.11 -5.87 64.57	26.96 -5.20 55.55	37.99 -3.30 14.09	-45.72 -3.12 93.95	-36.51 -3.94 97.94	7.54 -3.63 45.66	11.24 -5.04 46.29	37.78 -8.37 51.95	72.76 -5.77 -8.82
CARR STREET_E__SYR 24060	113.96 -1.87 0.00	111.61 -1.91 0.00	84.84 -1.56 0.00	101.30 -2.10 0.00	117.48 -2.39 0.00	147.57 -2.89 0.00	95.04 -1.74 0.00	90.91 -1.76 0.00	95.33 -2.05 0.00	97.67 -2.16 0.00	89.12 -2.13 0.00	91.62 -1.93 -0.13	104.59 -2.22 0.00	107.13 -2.28 0.00	82.15 -1.65 -0.74	93.77 -1.85 -2.07	86.25 -1.65 -0.18	60.95 -0.98 -6.55	57.66 -0.99 -7.30	69.71 -1.26 -5.59	58.57 -1.05 -2.79	62.07 -1.38 -0.89	98.48 -2.27 -2.66	74.77 -1.58 -6.64
CARTHAGE___PAPER 23857	120.84 5.01 0.00	118.23 4.71 0.00	89.87 3.46 0.00	107.67 4.26 0.00	124.91 5.04 0.00	156.78 6.32 0.00	100.57 3.79 0.00	96.02 3.35 0.00	99.38 1.99 0.00	100.95 1.12 0.00	92.64 1.40 0.00	95.26 1.77 -0.06	108.24 1.43 0.00	111.02 1.61 0.00	85.00 1.57 -0.37	96.89 2.31 -1.03	90.30 2.50 -0.09	60.14 1.49 -3.27	56.03 1.03 -3.64	69.98 1.81 -2.79	59.60 1.39 -1.39	63.74 0.73 -0.44	100.17 0.75 -1.33	72.93 -0.09 -3.31
CASSADAGA_WT_PWR 323784	110.87 -4.57 0.38	108.49 -5.04 0.00	81.63 -4.78 0.00	96.84 -6.57 0.00	111.86 -8.01 0.00	139.08 -11.37 0.00	88.44 -8.34 0.00	83.06 -9.61 0.00	85.89 -11.49 0.00	88.68 -11.14 0.00	74.25 -9.27 7.72	81.07 -8.17 4.18	91.40 -10.59 4.83	86.19 -10.50 12.72	68.82 -7.75 6.49	80.23 -7.74 5.58	74.52 -7.36 5.84	57.41 -5.69 -7.72	31.03 -6.14 14.18	17.61 -8.13 39.63	30.07 -6.60 20.15	47.66 -7.31 7.60	77.41 -11.29 9.39	71.86 -7.96 -10.11
CE_DUNWOOD___DRP 24194	124.92 9.09 0.00	122.32 8.80 0.00	92.93 6.52 0.00	110.44 7.03 0.00	127.86 7.99 0.00	160.37 9.92 0.00	104.06 7.28 0.00	99.74 7.07 0.00	105.16 7.77 0.00	107.93 8.07 -0.04	97.91 6.67 0.00	101.71 6.89 -1.39	114.69 7.87 0.00	117.32 7.91 0.00	97.23 6.07 -8.09	125.17 6.51 -25.11	113.96 6.25 -19.99	157.65 4.04 -98.23	159.46 3.71 -104.39	140.77 4.70 -70.69	102.61 4.23 -41.56	103.07 4.47 -36.04	141.60 7.00 -36.50	148.14 5.04 -73.40
CE_MILLWOOD___DRP 24193	124.58 8.75 0.00	121.99 8.46 0.00	92.71 6.31 0.00	110.23 6.82 0.00	127.57 7.70 0.00	159.97 9.52 0.00	103.82 7.03 0.00	99.49 6.82 0.00	104.86 7.47 0.00	107.61 7.75 -0.04	97.67 6.42 0.00	101.43 6.62 -1.39	114.36 7.55 0.00	116.99 7.57 0.00	96.96 5.83 -8.06	124.83 6.27 -25.01	113.64 6.01 -19.91	157.13 3.89 -97.86	158.91 3.57 -103.99	140.31 4.52 -70.42	102.28 4.06 -41.40	102.78 4.32 -35.90	141.19 6.74 -36.36	147.67 4.85 -73.12
CE_NYC2_DRP 24202	125.94 10.12 0.00	123.31 9.79 0.00	93.63 7.22 0.00	111.21 7.80 0.00	128.75 8.88 0.00	161.51 11.06 0.00	104.91 8.12 0.00	100.62 7.95 0.00	106.16 8.78 0.00	109.11 9.24 -0.04	98.70 7.45 0.00	102.57 7.75 -1.40	115.73 8.92 0.00	118.38 8.97 0.00	97.90 6.72 -8.11	125.86 7.15 -25.16	114.65 6.90 -20.03	158.28 4.45 -98.45	160.07 4.10 -104.62	141.49 5.26 -70.85	103.22 4.75 -41.65	103.67 4.99 -36.11	142.46 7.78 -36.58	148.90 5.63 -73.56
CE_NYC_DRP 24195	125.89 10.07 0.00	123.20 9.68 0.00	93.57 7.16 0.00	111.14 7.73 0.00	128.66 8.79 0.00	161.37 10.91 0.00	104.80 8.01 0.00	100.53 7.85 0.00	106.04 8.66 0.00	109.05 9.19 -0.04	98.68 7.43 0.00	102.50 7.68 -1.40	115.69 8.88 0.00	118.33 8.91 0.00	97.92 6.74 -8.11	125.80 7.09 -25.16	114.64 6.89 -20.03	158.25 4.43 -98.44	160.01 4.04 -104.61	141.36 5.14 -70.84	103.11 4.64 -41.65	103.96 4.89 -36.51	142.32 7.65 -36.58	148.76 5.50 -73.56
CHAFFEE___LFGE 323603	109.73 -5.70 0.39	107.57 -5.95 0.00	81.41 -4.99 0.00	96.82 -6.58 0.00	112.78 -7.09 0.00	141.94 -8.52 0.00	90.37 -6.41 0.00	85.19 -7.48 0.00	88.23 -9.16 0.00	90.79 -9.03 0.00	75.46 -7.92 7.86	81.90 -7.01 4.52	92.93 -8.80 5.08	87.99 -8.56 12.86	69.43 -6.55 7.09	79.55 -7.67 6.33	74.21 -7.06 6.44	58.20 -4.62 -7.45	43.21 -4.58 3.56	56.37 -5.84 3.17	47.57 -4.61 4.64	49.36 -5.37 7.83	80.37 -8.13 9.60	74.16 -5.57 -10.02
CHATEAUG_35_KV_LOAD 355732	114.49 -1.34 0.00	112.06 -1.46 0.00	85.63 -0.77 0.00	103.14 -0.27 0.00	119.47 -0.40 0.00	150.18 -0.28 0.00	96.02 -0.77 0.00	91.87 -0.80 0.00	96.83 -0.56 0.00	99.37 -0.45 0.00	90.68 -0.56 0.00	92.64 -0.78 0.00	105.88 -0.93 0.00	108.30 -1.11 0.00	82.31 -0.76 0.00	92.79 -0.76 0.00	87.43 -0.28 0.00	55.08 -0.29 0.00	50.81 -0.55 0.00	64.31 -1.06 0.00	55.06 -1.76 0.00	60.83 -1.74 0.00	95.50 -2.59 0.00	68.16 -1.54 0.00
CHATEAUG_WT_PWR 323614	114.31 -1.51 0.00	111.92 -1.60 0.00	85.49 -0.92 0.00	102.91 -0.49 0.00	119.21 -0.66 0.00	149.75 -0.70 0.00	95.78 -1.00 0.00	91.61 -1.06 0.00	96.51 -0.88 0.00	99.14 -0.68 0.00	90.58 -0.66 0.00	92.60 -0.82 0.00	105.88 -0.93 0.00	108.21 -1.20 0.00	82.22 -0.85 0.00	92.69 -0.86 0.00	87.18 -0.53 0.00	54.92 -0.45 0.00	50.65 -0.71 0.00	64.13 -1.24 0.00	54.91 -1.92 0.00	60.67 -1.90 0.00	95.30 -2.79 0.00	68.01 -1.69 0.00
CHAT_HIGH_FALL_HYD 323578	114.49 -1.34 0.00	112.06 -1.46 0.00	85.63 -0.77 0.00	103.14 -0.27 0.00	119.47 -0.40 0.00	150.18 -0.28 0.00	96.02 -0.77 0.00	91.87 -0.80 0.00	96.83 -0.56 0.00	99.37 -0.45 0.00	90.68 -0.56 0.00	92.64 -0.78 0.00	105.88 -0.93 0.00	108.30 -1.11 0.00	82.31 -0.76 0.00	92.79 -0.76 0.00	87.43 -0.28 0.00	55.08 -0.29 0.00	50.81 -0.55 0.00	64.31 -1.06 0.00	55.06 -1.76 0.00	60.83 -1.74 0.00	95.50 -2.59 0.00	68.16 -1.54 0.00
CHAUTAUQUA___LFGE 323629	109.98 -5.50 0.35	107.63 -5.89 0.00	81.11 -5.30 0.00	96.32 -7.09 0.00	111.65 -8.23 0.00	140.04 -10.42 0.00	89.07 -7.71 0.00	83.85 -8.82 0.00	86.68 -10.70 0.00	89.36 -10.46 0.00	73.81 -9.05 8.39	80.20 -7.99 5.24	90.94 -10.19 5.68	85.81 -10.04 13.56	67.05 -7.61 8.40	77.47 -8.11 7.97	72.18 -7.73 7.81	56.59 -5.38 -6.59	34.97 -5.44 10.95	36.81 -7.09 21.48	38.82 -5.76 12.24	47.15 -6.65 8.77	77.34 -10.20 10.55	72.36 -7.08 -9.73
CHERRYST_13_KV_LD 356241	126.24 10.41 0.00	123.50 9.98 0.00	93.81 7.40 0.00	111.41 8.00 0.00	128.97 9.10 0.00	161.80 11.34 0.00	105.09 8.30 0.00	100.80 8.13 0.00	106.35 8.96 0.00	109.37 9.51 -0.04	98.96 7.72 0.00	102.84 8.02 -1.40	116.03 9.21 0.00	118.70 9.29 0.00	98.18 7.00 -8.11	126.11 7.40 -25.16	114.94 7.19 -20.03	158.44 4.61 -98.44	160.18 4.22 -104.61	141.56 5.34 -70.84	103.29 4.81 -41.65	103.75 5.08 -36.11	142.61 7.94 -36.58	148.96 5.70 -73.56

CHESTROR_138KV_BK263 355645	123.21 7.39 0.00	120.63 7.11 0.00	91.73 5.32 0.00	109.19 5.78 0.00	126.37 6.50 0.00	158.48 8.03 0.00	102.76 5.97 0.00	98.43 5.76 0.00	103.65 6.26 0.00	106.29 6.43 -0.03	96.54 5.29 0.00	100.15 5.43 -1.30	113.01 6.20 0.00	115.62 6.21 0.00	95.45 4.84 -7.54	122.23 5.29 -23.39	111.34 5.03 -18.59	150.15 3.30 -91.47	151.61 3.04 -97.21	135.05 3.83 -65.84	98.95 3.42 -38.70	99.70 3.61 -33.53	137.71 5.62 -34.00	142.14 4.06 -68.37
CH_MIDHUDSON___DRP 24192	124.92 9.09 0.00	122.31 8.79 0.00	93.00 6.59 0.00	110.64 7.23 0.00	128.05 8.18 0.00	160.58 10.12 0.00	104.06 7.28 0.00	99.75 7.08 0.00	105.11 7.73 0.00	107.82 7.96 -0.04	97.98 6.74 0.00	101.85 7.00 -1.42	114.73 7.92 0.00	117.38 7.97 0.00	97.49 6.16 -8.25	125.89 6.72 -25.62	114.78 6.40 -20.67	160.07 4.13 -100.56	161.94 3.79 -106.79	142.37 4.81 -72.18	103.62 4.28 -42.51	104.30 4.58 -37.15	142.57 7.17 -37.31	149.67 5.13 -74.83
CH_MISC_IPPS 23765	125.63 9.80 0.00	123.00 9.48 0.00	93.51 7.11 0.00	111.26 7.85 0.00	128.78 8.91 0.00	161.52 11.06 0.00	104.75 7.97 0.00	100.40 7.73 0.00	105.76 8.37 0.00	108.45 8.59 -0.04	98.50 7.26 0.00	102.31 7.49 -1.40	115.34 8.52 0.00	118.02 8.61 0.00	97.80 6.62 -8.11	126.01 7.27 -25.18	114.97 6.97 -20.27	158.67 4.52 -98.77	160.41 4.15 -104.90	141.55 5.25 -70.92	103.24 4.66 -41.76	103.98 4.96 -36.45	142.48 7.74 -36.65	148.74 5.50 -73.54
CH_RES_BVR_FALLS 23983	114.24 -1.58 0.00	111.94 -1.58 0.00	85.32 -1.08 0.00	102.49 -0.92 0.00	118.85 -1.02 0.00	149.27 -1.18 0.00	95.55 -1.23 0.00	91.33 -1.34 0.00	95.74 -1.65 0.00	97.98 -1.85 0.00	89.66 -1.58 0.00	91.66 -1.76 0.00	104.87 -1.94 0.00	107.48 -1.93 0.00	81.47 -1.60 0.00	91.76 -1.80 0.00	85.90 -1.82 0.00	54.17 -1.20 0.00	50.31 -1.05 0.00	64.00 -1.38 0.00	55.52 -1.31 0.00	61.23 -1.33 0.00	96.05 -2.04 0.00	68.18 -1.53 0.00
CH_RES_NIAGARA 23895	105.41 -10.41 0.00	102.96 -10.56 0.00	77.87 -8.53 0.00	92.54 -10.86 0.00	108.16 -11.70 0.00	136.18 -14.28 0.00	86.45 -10.33 0.00	81.32 -11.35 0.00	83.96 -13.42 0.00	86.32 -13.51 0.00	72.71 -11.66 6.87	78.49 -10.68 4.26	89.18 -12.99 4.64	85.44 -12.86 11.11	66.49 -9.84 6.74	76.02 -11.39 6.13	70.83 -10.76 6.12	55.27 -6.89 -6.78	40.80 -6.59 3.97	52.14 -8.21 5.03	45.63 -6.62 4.57	48.23 -7.63 6.71	78.64 -11.33 8.12	71.03 -7.72 -9.04
CH_RES_SYRACUSE 23985	114.97 -0.86 0.00	112.52 -1.00 0.00	85.53 -0.88 0.00	102.15 -1.26 0.00	118.47 -1.40 0.00	148.80 -1.66 0.00	95.85 -0.93 0.00	91.71 -0.96 0.00	96.18 -1.21 0.00	98.54 -1.29 0.00	89.91 -1.33 0.00	92.47 -1.10 -0.14	105.55 -1.26 0.00	108.09 -1.32 0.00	82.96 -0.93 -0.82	94.84 -1.03 -2.32	87.06 -0.85 -0.20	62.25 -0.46 -7.33	59.03 -0.50 -8.17	70.95 -0.68 -6.25	59.38 -0.57 -3.12	62.75 -0.81 -0.99	99.65 -1.42 -2.98	76.18 -0.96 -7.43
CLINTON_WT_PWR 323605	114.31 -1.51 0.00	111.92 -1.60 0.00	85.49 -0.92 0.00	102.91 -0.49 0.00	119.21 -0.66 0.00	149.75 -0.70 0.00	95.78 -1.00 0.00	91.61 -1.06 0.00	96.51 -0.88 0.00	99.14 -0.68 0.00	90.58 -0.66 0.00	92.60 -0.82 0.00	105.88 -0.93 0.00	108.21 -1.20 0.00	82.22 -0.85 0.00	92.69 -0.86 0.00	87.18 -0.53 0.00	54.92 -0.45 0.00	50.65 -0.71 0.00	64.13 -1.24 0.00	54.91 -1.92 0.00	60.67 -1.90 0.00	95.30 -2.79 0.00	68.01 -1.69 0.00
CLINTON___LFGE 323618	116.86 1.03 0.00	114.34 0.82 0.00	87.38 0.98 0.00	105.11 1.70 0.00	121.64 1.77 0.00	152.58 2.12 0.00	97.68 0.90 0.00	93.25 0.58 0.00	98.21 0.82 0.00	100.78 0.95 0.00	91.82 0.58 0.00	94.01 0.59 0.00	107.65 0.84 0.00	109.98 0.57 0.00	83.76 0.70 0.00	94.52 0.96 0.00	88.94 1.23 0.00	56.10 0.72 0.00	51.70 0.35 0.00	65.47 0.09 0.00	56.00 -0.83 0.00	61.71 -0.85 0.00	96.88 -1.21 0.00	69.35 -0.35 0.00
COBBLENY_34_KV_TB1 80064	110.16 -5.66 0.00	107.64 -5.88 0.00	81.47 -4.94 0.00	96.88 -6.53 0.00	112.85 -7.02 0.00	142.03 -8.43 0.00	90.43 -6.35 0.00	85.24 -7.43 0.00	88.33 -9.06 0.00	90.90 -8.93 0.00	75.42 -7.96 7.86	81.99 -6.92 4.52	93.11 -8.63 5.08	88.01 -8.54 12.86	69.42 -6.56 7.09	79.61 -7.62 6.33	74.18 -7.09 6.44	58.21 -4.62 -7.45	43.22 -4.57 3.56	56.39 -5.82 3.17	47.58 -4.60 4.64	49.35 -5.38 7.83	80.43 -8.07 9.60	74.17 -5.56 -10.02
COFFEEN___115KV_TB3 355620	121.54 5.72 0.00	118.78 5.26 0.00	90.21 3.80 0.00	108.02 4.62 0.00	125.35 5.48 0.00	157.43 6.98 0.00	101.14 4.35 0.00	96.63 3.96 0.00	99.94 2.56 0.00	101.41 1.59 0.00	93.14 1.89 0.00	95.79 2.29 -0.07	108.64 1.83 0.00	111.23 1.82 0.00	85.43 1.95 -0.42	97.51 2.77 -1.18	91.01 3.19 -0.10	61.12 2.00 -3.74	57.00 1.48 -4.17	70.96 2.40 -3.19	60.34 1.92 -1.59	64.23 1.16 -0.51	100.81 1.20 -1.52	73.64 0.14 -3.79
COLDSPRG_115KV_BK1 355956	113.21 -2.62 0.00	110.58 -2.94 0.00	83.56 -2.85 0.00	99.35 -4.05 0.00	114.95 -4.92 0.00	144.06 -6.39 0.00	91.93 -4.86 0.00	86.75 -5.92 0.00	90.28 -7.11 0.00	92.93 -6.89 0.00	78.58 -6.00 6.66	85.95 -4.96 2.51	96.92 -6.41 3.48	91.87 -6.14 11.40	75.16 -4.44 3.46	87.01 -4.72 1.81	80.36 -4.65 2.72	61.20 -3.67 -9.49	60.05 -3.49 -12.19	94.29 -4.60 -33.51	63.07 -3.89 -10.13	52.22 -4.60 5.74	83.74 -6.80 7.56	75.40 -5.02 -10.71
COLONIE_LFGE___ 323577	122.27 6.44 0.00	119.91 6.39 0.00	91.42 5.01 0.00	108.90 5.50 0.00	126.11 6.24 0.00	157.94 7.48 0.00	102.06 5.28 0.00	97.75 5.08 0.00	102.91 5.52 0.00	105.35 5.48 -0.04	96.49 5.24 0.00	100.72 5.57 -1.73	113.03 6.21 0.00	115.81 6.40 0.00	98.14 5.03 -10.04	135.91 5.63 -36.72	171.67 5.17 -78.78	257.43 3.22 -198.83	252.46 2.95 -198.15	179.12 3.74 -110.01	138.01 3.32 -77.86	187.95 3.73 -121.66	166.79 5.85 -62.84	165.72 4.22 -91.79
COOPERNY_115KV_TB1 80082	121.26 5.43 0.00	118.76 5.24 0.00	90.30 3.90 0.00	107.60 4.19 0.00	124.60 4.73 0.00	156.35 5.89 0.00	101.15 4.37 0.00	96.88 4.21 0.00	101.95 4.56 0.00	104.55 4.70 -0.03	95.06 3.81 0.00	98.42 3.94 -1.06	111.29 4.47 0.00	113.85 4.44 0.00	92.70 3.49 -6.14	116.45 3.84 -19.06	106.63 3.65 -15.26	132.43 2.39 -74.66	132.86 2.19 -79.31	121.83 2.78 -53.67	90.88 2.48 -31.58	92.62 2.58 -27.47	129.85 4.03 -27.73	128.30 2.92 -55.68
COPENHAGEN_WT_PWR 323753	119.96 4.14 0.00	117.31 3.78 0.00	89.13 2.73 0.00	106.67 3.26 0.00	123.73 3.86 0.00	155.34 4.88 0.00	99.73 2.95 0.00	95.05 2.38 0.00	97.99 0.60 0.00	99.31 -0.52 0.00	91.24 -0.01 0.00	94.04 0.55 -0.07	106.53 -0.28 0.00	109.18 -0.23 0.00	83.79 0.29 -0.43	95.72 0.94 -1.22	89.17 1.35 -0.10	59.99 0.75 -3.87	55.90 0.23 -4.31	69.62 0.94 -3.30	59.18 0.71 -1.65	62.84 -0.24 -0.52	98.70 -0.96 -1.57	72.30 -1.32 -3.92
CORNELL_____ 23752	118.26 2.44 0.00	115.78 2.25 0.00	87.96 1.55 0.00	105.01 1.60 0.00	121.76 1.89 0.00	152.99 2.53 0.00	98.67 1.89 0.00	94.49 1.81 0.00	99.03 1.64 -0.01	101.28 1.42 -0.04	110.47 0.79 -18.43	96.64 0.97 -2.25	114.06 1.30 -5.94	144.74 1.51 -33.82	89.51 1.19 -5.26	106.26 1.33 -11.38	102.31 1.57 -13.02	103.03 1.13 -46.53	108.10 0.91 -55.83	89.36 1.04 -22.95	94.96 0.91 -37.22	107.44 0.71 -44.16	149.99 0.72 -51.18	95.45 0.57 -25.18

CORONA__69_KV_TB1 355595	135.61 10.96 -8.82	141.61 10.80 -17.28	94.23 7.83 0.00	111.79 8.38 0.00	129.45 9.58 0.00	162.45 12.00 0.00	146.81 8.87 -41.16	148.45 8.59 -47.18	125.10 9.31 -18.40	109.24 9.38 -0.04	99.19 7.95 0.00	103.03 8.21 -1.40	116.02 9.20 0.00	118.96 9.55 0.00	112.88 7.39 -22.42	126.54 7.84 -25.15	236.27 7.77 -140.78	176.27 4.95 -115.93	160.46 4.52 -104.58	150.27 5.81 -79.08	150.27 5.22 -88.22	135.05 5.54 -66.94	164.84 8.67 -58.07	149.31 6.07 -73.53
CORTLAND__115KV_TB3 80093	117.17 1.34 0.00	114.79 1.27 0.00	87.26 0.85 0.00	104.22 0.81 0.00	120.84 0.97 0.00	151.85 1.39 0.00	97.87 1.09 0.00	93.64 0.97 0.00	98.24 0.85 0.00	100.51 0.67 -0.01	95.98 0.22 -4.52	94.10 0.42 -0.25	108.55 0.59 -1.15	118.62 0.72 -8.48	85.18 0.65 -1.46	99.23 0.72 -4.96	93.18 0.84 -4.62	79.42 0.57 -23.47	77.32 0.43 -25.54	78.79 0.52 -12.89	71.62 0.46 -14.33	77.94 0.26 -15.12	115.73 0.17 -17.47	85.37 0.12 -15.54
COXSACKIE__GT 23611	125.81 9.99 0.00	123.32 9.80 0.00	93.94 7.53 0.00	112.15 8.74 0.00	129.75 9.88 0.00	162.75 12.29 0.00	105.12 8.33 0.00	100.94 8.27 0.00	106.41 9.02 0.00	108.12 8.25 -0.04	98.46 7.21 0.00	102.25 7.19 -1.63	114.54 7.72 0.00	118.37 8.96 0.00	99.41 6.90 -9.45	132.49 7.69 -31.25	138.04 8.21 -42.12	202.31 5.45 -141.48	202.10 4.97 -145.77	161.75 6.08 -90.29	119.68 5.18 -57.67	136.94 5.53 -68.85	155.30 8.48 -48.73	161.35 5.69 -85.96
CPV_VALLEY__CC1 323721	121.99 6.16 0.00	119.48 5.96 0.00	90.84 4.43 0.00	108.15 4.75 0.00	125.18 5.31 0.00	156.98 6.52 0.00	101.73 4.95 0.00	97.46 4.79 0.00	102.62 5.23 0.00	105.24 5.39 -0.03	95.63 4.39 0.00	99.15 4.51 -1.21	111.94 5.13 0.00	114.53 5.12 0.00	94.11 4.01 -7.04	119.71 4.33 -21.83	109.19 4.14 -17.33	143.45 2.72 -85.36	144.57 2.49 -90.72	129.98 3.14 -61.46	95.76 2.81 -36.12	96.78 2.95 -31.27	134.45 4.62 -31.73	136.89 3.36 -63.83
CPV_VALLEY__CC2 323722	121.99 6.16 0.00	119.48 5.96 0.00	90.84 4.43 0.00	108.15 4.75 0.00	125.18 5.31 0.00	156.98 6.52 0.00	101.73 4.95 0.00	97.46 4.79 0.00	102.62 5.23 0.00	105.24 5.39 -0.03	95.63 4.39 0.00	99.15 4.51 -1.21	111.94 5.13 0.00	114.53 5.12 0.00	94.11 4.01 -7.04	119.71 4.33 -21.83	109.19 4.14 -17.33	143.45 2.72 -85.36	144.57 2.49 -90.72	129.98 3.14 -61.46	95.76 2.81 -36.12	96.78 2.95 -31.27	134.45 4.62 -31.73	136.89 3.36 -63.83
CRESCENT__HYD 24018	122.27 6.44 0.00	119.91 6.39 0.00	91.42 5.01 0.00	108.90 5.50 0.00	126.11 6.24 0.00	157.94 7.48 0.00	102.06 5.28 0.00	97.75 5.08 0.00	102.91 5.52 0.00	105.35 5.48 -0.04	96.49 5.24 0.00	100.72 5.57 -1.73	113.03 6.21 0.00	115.81 6.40 0.00	98.14 5.03 -10.04	135.91 5.63 -36.72	171.67 5.17 -78.78	257.43 3.22 -198.83	252.46 2.95 -198.15	179.12 3.74 -110.01	138.01 3.32 -77.86	187.95 3.73 -121.66	166.79 5.85 -62.84	165.72 4.22 -91.79
CRICKET__VALLEY_CC1 323756	123.92 8.09 0.00	121.34 7.82 0.00	92.35 5.94 0.00	109.82 6.41 0.00	127.09 7.22 0.00	159.24 8.78 0.00	103.15 6.37 0.00	98.83 6.16 0.00	104.21 6.82 0.00	106.88 7.02 -0.04	97.32 6.08 0.00	101.31 6.42 -1.47	113.94 7.13 0.00	116.49 7.07 0.00	97.15 5.55 -8.52	126.16 6.04 -26.57	115.57 5.60 -22.26	164.13 3.57 -105.18	166.11 3.28 -111.48	144.45 4.12 -74.95	104.88 3.70 -44.36	106.33 4.10 -39.67	143.37 6.44 -38.84	151.70 4.67 -77.32
CRICKET__VALLEY_CC2 323757	123.92 8.09 0.00	121.34 7.82 0.00	92.35 5.94 0.00	109.82 6.41 0.00	127.09 7.22 0.00	159.24 8.78 0.00	103.15 6.37 0.00	98.83 6.16 0.00	104.21 6.82 0.00	106.88 7.02 -0.04	97.32 6.08 0.00	101.31 6.42 -1.47	113.94 7.13 0.00	116.49 7.07 0.00	97.15 5.55 -8.52	126.16 6.04 -26.57	115.57 5.60 -22.26	164.13 3.57 -105.18	166.11 3.28 -111.48	144.45 4.12 -74.95	104.88 3.70 -44.36	106.33 4.10 -39.67	143.37 6.44 -38.84	151.70 4.67 -77.32
CRICKET__VALLEY_CC3 323758	123.92 8.09 0.00	121.34 7.82 0.00	92.35 5.94 0.00	109.82 6.41 0.00	127.09 7.22 0.00	159.24 8.78 0.00	103.15 6.37 0.00	98.83 6.16 0.00	104.21 6.82 0.00	106.88 7.02 -0.04	97.32 6.08 0.00	101.31 6.42 -1.47	113.94 7.13 0.00	116.49 7.07 0.00	97.15 5.55 -8.52	126.16 6.04 -26.57	115.57 5.60 -22.26	164.13 3.57 -105.18	166.11 3.28 -111.48	144.45 4.12 -74.95	104.88 3.70 -44.36	106.33 4.10 -39.67	143.37 6.44 -38.84	151.70 4.67 -77.32
CRUCIBLE__METL_DRP 24180	114.97 -0.86 0.00	112.52 -1.00 0.00	85.53 -0.88 0.00	102.15 -1.26 0.00	118.47 -1.40 0.00	148.79 -1.66 0.00	95.85 -0.93 0.00	91.71 -0.96 0.00	96.18 -1.21 0.00	98.54 -1.29 0.00	89.90 -1.34 0.00	92.47 -1.10 -0.14	105.56 -1.25 0.00	108.10 -1.32 0.00	82.96 -0.93 -0.82	94.84 -1.03 -2.32	87.07 -0.84 -0.20	62.26 -0.45 -7.33	59.03 -0.49 -8.17	70.95 -0.68 -6.25	59.38 -0.57 -3.12	62.78 -0.78 -0.99	99.66 -1.41 -2.98	76.19 -0.95 -7.43
DAHOWA__HYDRO 323763	125.26 9.43 0.00	122.70 9.18 0.00	93.65 7.25 0.00	111.62 8.21 0.00	129.41 9.53 0.00	162.34 11.89 0.00	105.12 8.33 0.00	100.79 8.11 0.00	105.97 8.59 0.00	107.90 8.03 -0.04	98.35 7.11 0.00	102.55 7.37 -1.76	115.26 8.44 0.00	118.29 8.88 0.00	100.36 7.10 -10.19	140.32 8.44 -38.33	185.97 8.11 -90.14	276.82 5.10 -216.35	270.08 4.64 -214.08	187.07 5.83 -115.87	145.98 5.16 -83.99	206.22 5.66 -138.00	174.00 8.80 -67.10	169.32 6.30 -93.32
DANC__LFGE 323619	117.32 1.49 0.00	114.75 1.23 0.00	87.18 0.77 0.00	104.28 0.87 0.00	120.88 1.01 0.00	151.80 1.35 0.00	97.56 0.78 0.00	93.14 0.47 0.00	96.64 -0.75 0.00	98.35 -1.48 0.00	90.16 -1.08 0.00	92.80 -0.70 -0.09	105.47 -1.35 0.00	108.03 -1.38 0.00	82.86 -0.72 -0.51	94.56 -0.43 -1.44	87.78 -0.06 -0.12	59.86 -0.08 -4.56	56.06 -0.37 -5.08	69.18 -0.08 -3.89	58.63 -0.13 -1.94	62.37 -0.81 -0.62	98.29 -1.65 -1.85	72.75 -1.58 -4.62
DANSKAMMER__1 23586	125.63 9.80 0.00	123.00 9.48 0.00	93.51 7.11 0.00	111.26 7.85 0.00	128.78 8.91 0.00	161.52 11.06 0.00	104.75 7.97 0.00	100.40 7.73 0.00	105.76 8.37 0.00	108.45 8.59 -0.04	98.50 7.26 0.00	102.31 7.49 -1.40	115.34 8.52 0.00	118.02 8.61 0.00	97.80 6.62 -8.11	126.01 7.27 -25.18	114.97 6.97 -20.27	158.67 4.52 -98.77	160.41 4.15 -104.90	141.55 5.25 -70.92	103.24 4.66 -41.76	103.98 4.96 -36.45	142.48 7.74 -36.65	148.74 5.50 -73.54
DANSKAMMER__2 23589	125.63 9.80 0.00	123.00 9.48 0.00	93.51 7.11 0.00	111.26 7.85 0.00	128.78 8.91 0.00	161.52 11.06 0.00	104.75 7.97 0.00	100.40 7.73 0.00	105.76 8.37 0.00	108.45 8.59 -0.04	98.50 7.26 0.00	102.31 7.49 -1.40	115.34 8.52 0.00	118.02 8.61 0.00	97.80 6.62 -8.11	126.01 7.27 -25.18	114.97 6.97 -20.27	158.67 4.52 -98.77	160.41 4.15 -104.90	141.55 5.25 -70.92	103.24 4.66 -41.76	103.98 4.96 -36.45	142.48 7.74 -36.65	148.74 5.50 -73.54
DANSKAMMER__3 23590	125.63 9.80 0.00	123.00 9.48 0.00	93.51 7.11 0.00	111.26 7.85 0.00	128.78 8.91 0.00	161.52 11.06 0.00	104.75 7.97 0.00	100.40 7.73 0.00	105.76 8.37 0.00	108.45 8.59 -0.04	98.50 7.26 0.00	102.31 7.49 -1.40	115.34 8.52 0.00	118.02 8.61 0.00	97.80 6.62 -8.11	126.01 7.27 -25.18	114.97 6.97 -20.27	158.67 4.52 -98.77	160.41 4.15 -104.90	141.55 5.25 -70.92	103.24 4.66 -41.76	103.98 4.96 -36.45	142.48 7.74 -36.65	148.74 5.50 -73.54

DANSKAMMER___4 23591	125.63 9.80 0.00	123.00 9.48 0.00	93.51 7.11 0.00	111.26 7.85 0.00	128.78 8.91 0.00	161.52 11.06 0.00	104.75 7.97 0.00	100.40 7.73 0.00	105.76 8.37 0.00	108.45 8.59 -0.04	98.50 7.26 0.00	102.31 7.49 -1.40	115.34 8.52 0.00	118.02 8.61 0.00	97.80 6.62 -8.11	126.01 7.27 -25.18	114.97 6.97 -20.27	158.67 4.52 -98.77	160.41 4.15 -104.90	141.55 5.25 -70.92	103.24 4.66 -41.76	103.98 4.96 -36.45	142.48 7.74 -36.65	148.74 5.50 -73.54
DANSKAMMER___DIESEL 23592	125.63 9.80 0.00	123.01 9.49 0.00	93.52 7.12 0.00	111.25 7.85 0.00	128.78 8.91 0.00	161.52 11.06 0.00	104.75 7.96 0.00	100.40 7.73 0.00	105.76 8.37 0.00	108.46 8.60 -0.04	98.50 7.25 0.00	102.31 7.49 -1.40	115.35 8.54 0.00	118.02 8.61 0.00	97.80 6.63 -8.11	126.02 7.29 -25.18	114.97 6.98 -20.27	158.67 4.52 -98.77	160.40 4.15 -104.90	141.55 5.25 -70.92	103.24 4.66 -41.76	103.99 4.97 -36.45	142.49 7.74 -36.65	148.75 5.51 -73.54
DARBY___SOLAR 323810	124.46 8.63 0.00	121.93 8.41 0.00	93.03 6.62 0.00	110.89 7.49 0.00	128.55 8.68 0.00	161.25 10.80 0.00	104.34 7.56 0.00	100.00 7.33 0.00	105.13 7.74 0.00	107.06 7.19 -0.04	97.64 6.40 0.00	101.81 6.63 -1.75	114.44 7.63 0.00	117.51 8.10 0.00	99.70 6.46 -10.17	139.31 7.63 -38.13	183.87 7.36 -88.80	274.24 4.61 -214.26	267.73 4.20 -212.17	185.81 5.28 -115.15	144.76 4.68 -83.25	203.78 5.15 -136.07	172.69 8.01 -66.58	168.57 5.75 -93.11
DASHVILLE___HYD 23610	124.30 8.48 0.00	121.68 8.16 0.00	92.52 6.11 0.00	110.10 6.69 0.00	127.47 7.60 0.00	159.87 9.42 0.00	103.58 6.80 0.00	99.29 6.62 0.00	104.63 7.24 0.00	107.24 7.38 -0.04	97.42 6.17 0.00	101.23 6.37 -1.44	113.94 7.13 0.00	116.62 7.21 0.00	96.88 5.48 -8.34	125.86 6.02 -26.29	118.18 5.81 -24.65	166.12 3.74 -107.00	167.51 3.43 -112.72	144.23 4.35 -74.51	105.50 3.87 -44.80	109.58 4.10 -42.91	143.46 6.44 -38.93	150.00 4.61 -75.68
DEERFIELD_69_KV_DEERFIELD LD 355887	140.45 15.80 -8.82	146.02 15.22 -17.28	97.90 11.50 0.00	116.46 13.06 0.00	135.26 15.39 0.00	170.53 20.08 0.00	152.44 14.50 -41.16	154.16 14.30 -47.18	130.78 14.99 -18.40	112.79 12.93 -0.04	102.80 11.55 0.00	106.21 11.39 -1.40	119.18 12.37 0.00	122.32 12.91 0.00	115.79 10.30 -22.42	127.61 8.91 -25.15	238.44 9.94 -140.78	177.46 6.14 -115.93	161.37 5.43 -104.58	151.55 7.10 -79.08	151.09 6.05 -88.22	135.39 5.88 -66.94	165.46 9.30 -58.07	149.80 6.56 -73.53
DELAWARE___LFGE 323621	120.98 5.15 0.00	118.50 4.98 0.00	90.10 3.70 0.00	107.50 4.10 0.00	124.61 4.74 0.00	156.41 5.95 0.00	100.91 4.12 0.00	96.69 4.02 0.00	101.58 4.19 0.00	104.05 4.21 -0.02	94.73 3.48 0.00	97.63 3.60 -0.60	110.84 4.03 0.00	113.56 4.15 0.00	89.86 3.28 -3.51	109.06 3.63 -11.88	108.97 3.51 -17.74	113.19 2.24 -55.57	110.26 1.96 -56.94	102.51 2.50 -34.63	81.73 2.17 -22.73	93.38 2.18 -28.64	120.34 3.28 -18.97	103.99 2.35 -31.94
DERFIELD_115KV_TB7 355931	117.08 1.26 0.00	114.73 1.21 0.00	87.33 0.93 0.00	104.33 0.92 0.00	120.95 1.08 0.00	151.76 1.31 0.00	97.81 1.02 0.00	93.54 0.87 0.00	98.28 0.89 0.00	100.63 0.81 0.00	91.98 0.74 0.00	94.27 0.85 0.00	107.77 0.96 0.00	110.40 0.99 0.00	83.89 0.83 0.00	94.47 0.91 0.00	88.51 0.79 0.00	55.87 0.49 0.00	51.81 0.45 0.00	65.97 0.59 0.00	57.34 0.51 0.00	63.13 0.57 0.00	98.98 0.88 0.00	70.28 0.57 0.00
DOGLEVILLE___HYD 23807	121.61 5.78 0.00	118.86 5.34 0.00	90.45 4.05 0.00	107.99 4.58 0.00	124.79 4.91 0.00	156.59 6.13 0.00	101.72 4.93 0.00	97.70 5.02 0.00	102.22 4.83 0.00	103.50 3.67 0.00	94.07 2.82 0.00	96.75 3.33 0.00	111.01 4.19 0.00	114.23 4.82 0.00	86.97 3.91 0.00	98.38 4.83 0.00	92.20 4.48 0.00	58.52 3.14 0.00	54.16 2.81 0.00	68.78 3.40 0.00	59.78 2.95 0.00	65.92 3.36 0.00	103.13 5.04 0.00	73.08 3.37 0.00
DUNKIRK___115KV_TB_200 55889	110.28 -5.55 0.00	107.63 -5.89 0.00	81.12 -5.29 0.00	96.33 -7.08 0.00	111.79 -8.08 0.00	140.27 -10.19 0.00	89.22 -7.56 0.00	84.00 -8.67 0.00	86.88 -10.50 0.00	89.55 -10.27 0.00	73.77 -9.02 8.45	80.19 -7.89 5.34	91.07 -9.98 5.76	85.87 -9.90 13.64	66.89 -7.59 8.59	77.23 -8.13 8.20	71.95 -7.76 8.00	56.52 -5.34 -6.48	35.37 -5.35 10.64	38.69 -6.96 19.72	39.66 -5.69 11.48	47.11 -6.58 8.88	77.41 -10.02 10.67	72.45 -6.95 -9.70
DUNKIRK___1 23563	110.28 -5.55 0.00	107.63 -5.89 0.00	81.12 -5.29 0.00	96.33 -7.08 0.00	111.79 -8.08 0.00	140.27 -10.19 0.00	89.22 -7.56 0.00	84.00 -8.67 0.00	86.88 -10.50 0.00	89.55 -10.27 0.00	73.77 -9.02 8.45	80.19 -7.89 5.34	91.07 -9.98 5.76	85.87 -9.90 13.64	66.89 -7.59 8.59	77.23 -8.13 8.20	71.95 -7.76 8.00	56.52 -5.34 -6.48	35.37 -5.35 10.64	38.69 -6.96 19.72	39.66 -5.69 11.48	47.11 -6.58 8.88	77.41 -10.02 10.67	72.45 -6.95 -9.70
DUNKIRK___2 23564	110.28 -5.55 0.00	107.63 -5.89 0.00	81.12 -5.29 0.00	96.33 -7.08 0.00	111.79 -8.08 0.00	140.27 -10.19 0.00	89.22 -7.56 0.00	84.00 -8.67 0.00	86.88 -10.50 0.00	89.55 -10.27 0.00	73.77 -9.02 8.45	80.19 -7.89 5.34	91.07 -9.98 5.76	85.87 -9.90 13.64	66.89 -7.59 8.59	77.23 -8.13 8.20	71.95 -7.76 8.00	56.52 -5.34 -6.48	35.37 -5.35 10.64	38.69 -6.96 19.72	39.66 -5.69 11.48	47.11 -6.58 8.88	77.41 -10.02 10.67	72.45 -6.95 -9.70
DUNKIRK___3 23565	109.88 -5.95 0.00	107.28 -6.24 0.00	80.94 -5.46 0.00	96.15 -7.25 0.00	111.73 -8.14 0.00	140.34 -10.12 0.00	89.26 -7.52 0.00	84.07 -8.61 0.00	86.96 -10.42 0.00	89.56 -10.26 0.00	73.41 -9.01 8.82	79.60 -7.93 5.89	90.65 -9.95 6.21	85.45 -9.84 14.12	65.96 -7.53 9.57	75.87 -8.25 9.43	70.85 -7.85 9.02	55.96 -5.33 -5.91	34.96 -5.30 11.09	41.60 -6.84 16.94	41.10 -5.56 10.17	46.63 -6.41 9.52	77.08 -9.71 11.31	72.46 -6.77 -9.52
DUNKIRK___4 23566	109.88 -5.95 0.00	107.28 -6.24 0.00	80.94 -5.46 0.00	96.15 -7.25 0.00	111.73 -8.14 0.00	140.34 -10.12 0.00	89.26 -7.52 0.00	84.07 -8.61 0.00	86.96 -10.42 0.00	89.56 -10.26 0.00	73.41 -9.01 8.82	79.60 -7.93 5.89	90.65 -9.95 6.21	85.45 -9.84 14.12	65.96 -7.53 9.57	75.87 -8.25 9.43	70.85 -7.85 9.02	55.96 -5.33 -5.91	34.96 -5.30 11.09	41.60 -6.84 16.94	41.10 -5.56 10.17	46.63 -6.41 9.52	77.08 -9.71 11.31	72.46 -6.77 -9.52
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	125.26 9.44 0.00	122.67 9.15 0.00	93.18 6.78 0.00	110.74 7.34 0.00	128.17 8.30 0.00	160.74 10.28 0.00	104.34 7.55 0.00	100.02 7.35 0.00	105.46 8.08 0.00	108.26 8.40 -0.04	98.23 6.99 0.00	102.05 7.23 -1.40	115.07 8.26 0.00	117.71 8.30 0.00	97.53 6.36 -8.11	125.50 6.79 -25.16	114.29 6.54 -20.03	158.03 4.21 -98.44	159.84 3.87 -104.61	141.12 4.91 -70.84	102.87 4.40 -41.65	103.34 4.67 -36.11	141.97 7.29 -36.58	148.51 5.25 -73.56
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	124.35 8.52 0.00	121.76 8.24 0.00	92.55 6.15 0.00	110.12 6.72 0.00	127.46 7.59 0.00	159.85 9.40 0.00	103.66 6.87 0.00	99.36 6.68 0.00	104.65 7.26 0.00	107.31 7.45 -0.03	97.42 6.17 0.00	101.14 6.36 -1.35	114.06 7.25 0.00	116.68 7.27 0.00	96.53 5.60 -7.86	124.13 6.18 -24.40	113.29 5.92 -19.65	154.97 3.86 -95.73	156.58 3.55 -101.67	138.60 4.48 -68.74	101.30 4.00 -40.47	102.13 4.24 -35.33	140.21 6.59 -35.52	145.70 4.72 -71.28

E179THST_138_KV_TB4_REV_LBMP_J 345001	125.57 9.75 0.00	122.95 9.43 0.00	93.31 6.91 0.00	110.88 7.47 0.00	128.37 8.50 0.00	161.01 10.56 0.00	104.62 7.83 0.00	100.32 7.65 0.00	105.82 8.43 0.00	108.66 8.80 -0.04	98.34 7.09 0.00	102.28 7.46 -1.40	115.45 8.64 0.00	118.00 8.59 0.00	97.59 6.41 -8.11	125.58 6.87 -25.16	114.35 6.60 -20.03	158.08 4.25 -98.45	159.86 3.88 -104.62	141.25 5.03 -70.85	103.01 4.53 -41.65	103.43 4.75 -36.11	142.06 7.38 -36.58	148.59 5.32 -73.56
E179THST_13_KV_LOAD 356214	126.15 10.33 0.00	123.49 9.97 0.00	93.70 7.29 0.00	111.35 7.94 0.00	128.91 9.04 0.00	161.72 11.27 0.00	105.08 8.30 0.00	100.77 8.10 0.00	106.30 8.91 0.00	109.16 9.30 -0.04	98.80 7.56 0.00	102.79 7.97 -1.40	116.06 9.25 0.00	118.61 9.20 0.00	98.04 6.85 -8.11	126.10 7.39 -25.16	114.84 7.09 -20.03	158.38 4.55 -98.45	160.15 4.18 -104.62	141.60 5.38 -70.85	103.32 4.85 -41.65	103.77 5.09 -36.11	142.57 7.89 -36.58	148.94 5.67 -73.56
EAST HAMPTON___GT 23717	141.04 16.39 -8.82	146.79 15.99 -17.28	98.72 12.31 0.00	117.64 14.24 0.00	136.81 16.93 0.00	172.68 22.23 0.00	153.73 15.79 -41.16	155.41 15.56 -47.18	132.07 16.28 -18.40	114.14 14.28 -0.04	103.97 12.73 0.00	107.42 12.60 -1.40	120.47 13.66 0.00	123.41 13.99 0.00	116.35 10.86 -22.42	127.71 9.00 -25.15	238.48 9.98 -140.78	177.22 5.91 -115.93	160.98 5.04 -104.58	150.93 6.47 -79.08	150.51 5.47 -88.22	134.71 5.20 -66.94	164.35 8.18 -58.07	149.00 5.76 -73.53
EAST RIVER___6 23660	125.89 10.06 0.00	123.15 9.62 0.00	93.53 7.12 0.00	111.07 7.67 0.00	128.59 8.72 0.00	161.35 10.90 0.00	104.80 8.01 0.00	100.53 7.85 0.00	106.07 8.68 0.00	109.10 9.23 -0.04	98.69 7.45 0.00	102.58 7.76 -1.40	115.75 8.94 0.00	118.41 9.00 0.00	97.97 6.79 -8.11	125.84 7.12 -25.16	114.71 6.96 -20.03	158.30 4.47 -98.44	160.05 4.08 -104.61	141.38 5.16 -70.84	103.14 4.67 -41.65	103.57 4.89 -36.11	142.35 7.67 -36.58	148.76 5.49 -73.56
EAST RIVER___7 23524	125.89 10.06 0.00	123.15 9.62 0.00	93.53 7.12 0.00	111.07 7.67 0.00	128.59 8.72 0.00	161.35 10.90 0.00	104.80 8.01 0.00	100.53 7.85 0.00	106.07 8.68 0.00	109.10 9.23 -0.04	98.69 7.45 0.00	102.58 7.76 -1.40	115.75 8.94 0.00	118.41 9.00 0.00	97.97 6.79 -8.11	125.84 7.12 -25.16	114.71 6.96 -20.03	158.30 4.47 -98.44	160.05 4.08 -104.61	141.38 5.16 -70.84	103.14 4.67 -41.65	103.57 4.89 -36.11	142.35 7.67 -36.58	148.76 5.49 -73.56
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	124.92 9.09 0.00	122.32 8.80 0.00	92.93 6.52 0.00	110.44 7.03 0.00	127.86 7.99 0.00	160.37 9.92 0.00	104.06 7.28 0.00	99.74 7.07 0.00	105.16 7.77 0.00	107.93 8.07 -0.04	97.91 6.67 0.00	101.71 6.89 -1.39	114.69 7.87 0.00	117.32 7.91 0.00	97.23 6.07 -8.09	125.17 6.51 -25.11	113.96 6.25 -19.99	157.65 4.04 -98.23	159.46 3.71 -104.39	140.77 4.70 -70.69	102.61 4.23 -41.56	103.07 4.47 -36.04	141.60 7.00 -36.50	148.14 5.04 -73.40
EAST_HAMPTON___DIESEL 23722	140.91 16.26 -8.82	146.71 15.91 -17.28	98.67 12.26 0.00	117.58 14.17 0.00	136.78 16.91 0.00	172.68 22.23 0.00	153.71 15.77 -41.16	155.37 15.52 -47.18	132.06 16.27 -18.40	114.13 14.27 -0.04	103.97 12.72 0.00	107.42 12.60 -1.40	120.48 13.67 0.00	123.39 13.98 0.00	116.29 10.80 -22.42	127.57 8.86 -25.15	238.33 9.83 -140.78	177.08 5.77 -115.93	160.83 4.89 -104.58	150.73 6.28 -79.08	150.34 5.29 -88.22	134.52 5.01 -66.94	164.03 7.87 -58.07	148.79 5.55 -73.53
EAST_POINT___SOLAR 323840	125.11 9.28 0.00	122.37 8.85 0.00	93.09 6.69 0.00	111.32 7.91 0.00	129.34 9.47 0.00	162.72 12.26 0.00	104.84 8.06 0.00	100.50 7.83 0.00	103.34 5.96 0.00	102.37 2.50 -0.05	92.73 1.48 0.00	97.91 2.56 -1.93	111.54 4.73 0.00	115.64 6.23 0.00	99.15 4.91 -11.17	141.07 6.46 -41.06	185.37 7.15 -90.50	285.29 4.73 -225.18	279.50 4.30 -223.84	193.93 5.36 -123.20	149.02 4.60 -87.59	206.68 4.81 -139.31	175.93 7.27 -70.56	176.89 5.04 -102.13
EAST_PULASKI___ESR 323781	114.64 -1.19 0.00	112.16 -1.36 0.00	85.26 -1.14 0.00	101.87 -1.53 0.00	118.03 -1.84 0.00	148.27 -2.18 0.00	95.44 -1.34 0.00	91.24 -1.44 0.00	95.28 -2.11 0.00	97.38 -2.45 0.00	89.02 -2.22 0.00	91.56 -1.96 -0.10	104.37 -2.45 0.00	106.89 -2.52 0.00	81.93 -1.72 -0.59	93.37 -1.83 -1.65	86.36 -1.50 -0.14	59.72 -0.88 -5.22	56.19 -0.99 -5.82	68.73 -1.10 -4.45	58.10 -0.95 -2.22	61.96 -1.31 -0.71	98.00 -2.21 -2.12	73.28 -1.73 -5.29
EAST_RIVER___1 323558	125.89 10.07 0.00	123.21 9.69 0.00	93.56 7.16 0.00	111.14 7.73 0.00	128.65 8.79 0.00	161.38 10.92 0.00	104.81 8.02 0.00	100.53 7.85 0.00	106.05 8.66 0.00	109.05 9.19 -0.04	98.68 7.44 0.00	102.49 7.67 -1.40	115.67 8.86 0.00	118.34 8.93 0.00	97.92 6.74 -8.11	125.79 7.08 -25.16	114.63 6.89 -20.03	158.25 4.43 -98.44	160.02 4.05 -104.61	141.35 5.13 -70.84	103.11 4.64 -41.65	103.56 4.88 -36.11	142.31 7.64 -36.58	148.77 5.51 -73.56
EAST_RIVER___2 323559	125.89 10.06 0.00	123.15 9.62 0.00	93.53 7.12 0.00	111.07 7.67 0.00	128.59 8.72 0.00	161.35 10.90 0.00	104.80 8.01 0.00	100.53 7.85 0.00	106.07 8.68 0.00	109.10 9.23 -0.04	98.69 7.45 0.00	102.58 7.76 -1.40	115.75 8.94 0.00	118.41 9.00 0.00	97.97 6.79 -8.11	125.84 7.12 -25.16	114.71 6.96 -20.03	158.30 4.47 -98.44	160.05 4.08 -104.61	141.38 5.16 -70.84	103.14 4.67 -41.65	103.57 4.89 -36.11	142.35 7.67 -36.58	148.76 5.49 -73.56
EAST___DELAWARE_HYD 23607	122.45 6.62 0.00	119.73 6.21 0.00	91.02 4.62 0.00	108.36 4.95 0.00	125.52 5.64 0.00	157.50 7.05 0.00	102.09 5.30 0.00	97.90 5.24 0.00	103.16 5.77 0.00	105.56 5.70 -0.03	95.73 4.49 0.00	99.24 4.54 -1.28	111.96 5.15 0.00	114.30 4.88 0.00	94.29 3.82 -7.41	121.25 4.61 -23.08	111.65 4.52 -19.42	149.89 3.03 -91.48	151.10 2.81 -96.94	134.03 3.51 -65.14	98.51 3.11 -38.57	100.35 3.20 -34.58	136.75 4.89 -33.76	140.33 3.46 -67.16
EIGHT_POINT___WT_PWR 323820	112.56 -3.27 0.00	110.18 -3.34 0.00	83.20 -3.20 0.00	98.46 -4.95 0.00	114.22 -5.65 0.00	143.97 -6.48 0.00	92.11 -4.67 0.00	86.61 -6.06 0.00	90.88 -6.50 0.00	92.71 -7.11 0.01	90.46 -7.80 -7.02	104.58 -7.80 -18.96	111.63 -9.05 -13.87	107.77 -7.37 -5.73	113.65 -4.39 -34.97	133.65 -4.94 -45.04	120.15 -4.21 -36.64	78.59 -2.78 -25.99	121.70 -2.61 -72.95	145.83 -3.23 -83.69	77.10 -3.58 -23.85	72.49 -6.24 -16.17	101.13 -10.37 -13.41	75.76 -7.11 -13.15
ELBRIDGE_115KV_TB2 80188	114.37 -1.46 0.00	111.87 -1.65 0.00	85.02 -1.39 0.00	101.54 -1.87 0.00	117.75 -2.12 0.00	147.89 -2.57 0.00	95.27 -1.51 0.00	91.14 -1.53 0.00	95.59 -1.79 0.00	97.97 -1.87 0.00	89.38 -1.87 0.00	91.91 -1.66 -0.15	104.93 -1.88 0.00	107.44 -1.97 0.00	82.53 -1.41 -0.87	94.41 -1.60 -2.46	86.54 -1.39 -0.21	62.37 -0.78 -7.77	59.22 -0.79 -8.66	70.90 -1.11 -6.63	59.21 -0.93 -3.31	62.45 -1.17 -1.05	99.18 -2.07 -3.15	76.25 -1.34 -7.88
ELEC_TRO_TEK 24086	135.24 10.59 -8.82	141.27 10.47 -17.28	94.10 7.70 0.00	111.67 8.27 0.00	129.32 9.45 0.00	162.27 11.82 0.00	146.68 8.74 -41.16	148.34 8.48 -47.18	124.99 9.20 -18.40	109.14 9.28 -0.04	99.04 7.80 0.00	102.84 8.02 -1.40	115.89 9.08 0.00	118.83 9.41 0.00	112.80 7.31 -22.42	126.38 7.68 -25.15	236.11 7.61 -140.78	176.19 4.88 -115.93	160.38 4.44 -104.58	150.15 5.69 -79.08	150.14 5.10 -88.22	134.92 5.42 -66.94	164.61 8.45 -58.07	149.19 5.95 -73.53

ELLENBURG_WT_PWR 323604	114.31 -1.51 0.00	111.92 -1.60 0.00	85.49 -0.92 0.00	102.91 -0.49 0.00	119.21 -0.66 0.00	149.75 -0.70 0.00	95.78 -1.00 0.00	91.61 -1.06 0.00	96.51 -0.88 0.00	99.14 -0.68 0.00	90.58 -0.66 0.00	92.60 -0.82 0.00	105.88 -0.93 0.00	108.21 -1.20 0.00	82.22 -0.85 0.00	92.69 -0.86 0.00	87.18 -0.53 0.00	54.92 -0.45 0.00	50.65 -0.71 0.00	64.13 -1.24 0.00	54.91 -1.92 0.00	60.67 -1.90 0.00	95.30 -2.79 0.00	68.01 -1.69 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	108.65 -7.18 0.00	106.10 -7.42 0.00	80.21 -6.19 0.00	95.33 -8.07 0.00	111.15 -8.72 0.00	139.91 -10.55 0.00	89.00 -7.79 0.00	83.80 -8.87 0.00	86.69 -10.70 0.00	89.15 -10.67 0.00	73.14 -9.47 8.64	79.07 -8.44 5.91	90.27 -10.37 6.17	85.41 -10.25 13.76	65.55 -7.87 9.64	74.89 -9.09 9.57	70.12 -8.50 9.10	55.53 -5.53 -5.68	36.14 -5.40 9.82	46.28 -6.81 12.29	43.37 -5.49 7.96	46.89 -6.34 9.33	77.59 -9.48 11.03	72.47 -6.51 -9.27
EMPIRE_CC_1 323656	120.82 4.99 0.00	118.57 5.05 0.00	90.38 3.97 0.00	107.66 4.25 0.00	124.56 4.69 0.00	155.80 5.34 0.00	100.36 3.58 0.00	96.11 3.44 0.00	101.27 3.88 0.00	104.11 4.24 -0.04	95.84 4.59 0.00	99.98 4.91 -1.65	112.23 5.42 0.00	114.89 5.48 0.00	96.90 4.28 -9.55	129.02 4.65 -30.82	126.98 4.16 -35.10	190.26 2.53 -132.34	191.53 2.34 -137.84	156.55 2.99 -88.18	114.19 2.71 -54.65	124.57 3.08 -58.93	149.77 4.85 -46.82	160.01 3.51 -86.79
EMPIRE_CC_2 323658	120.82 4.99 0.00	118.57 5.05 0.00	90.38 3.97 0.00	107.66 4.25 0.00	124.56 4.69 0.00	155.80 5.34 0.00	100.36 3.58 0.00	96.11 3.44 0.00	101.27 3.88 0.00	104.11 4.24 -0.04	95.84 4.59 0.00	99.98 4.91 -1.65	112.23 5.42 0.00	114.89 5.48 0.00	96.90 4.28 -9.55	129.02 4.65 -30.82	126.98 4.16 -35.10	190.26 2.53 -132.34	191.53 2.34 -137.84	156.55 2.99 -88.18	114.19 2.71 -54.65	124.57 3.08 -58.93	149.77 4.85 -46.82	160.01 3.51 -86.79
ENORWICH_115KV_TB1 80156	126.73 10.91 0.00	124.31 10.78 0.00	94.32 7.92 0.00	112.60 9.19 0.00	130.51 10.64 0.00	164.19 13.73 0.00	105.95 9.16 0.00	102.03 9.36 0.00	106.63 9.24 0.00	108.58 8.73 -0.02	104.92 7.40 -6.28	102.06 7.24 -1.40	116.59 7.56 -2.22	129.53 8.72 -11.40	93.77 6.47 -4.23	112.12 7.87 -10.70	108.27 8.06 -12.50	103.51 5.25 -42.88	103.18 4.03 -47.79	96.66 4.58 -26.70	84.79 4.01 -23.95	93.95 3.86 -27.53	129.55 4.67 -26.79	98.70 3.32 -25.67
ERIE_ST__34_KV_TB1-2 80199	110.15 -5.67 0.00	107.60 -5.92 0.00	81.39 -5.01 0.00	96.81 -6.60 0.00	112.78 -7.09 0.00	141.99 -8.46 0.00	90.41 -6.37 0.00	85.29 -7.38 0.00	88.48 -8.90 0.00	90.99 -8.83 0.00	75.56 -7.74 7.94	81.83 -6.72 4.88	93.16 -8.33 5.33	88.43 -8.10 12.88	69.10 -6.21 7.75	79.07 -7.30 7.18	73.82 -6.78 7.12	57.81 -4.58 -7.01	41.49 -4.54 5.33	53.43 -5.76 6.19	46.66 -4.53 5.63	49.29 -5.16 8.11	80.58 -7.70 9.81	73.99 -5.51 -9.79
ERIE_WT_PWR 323693	108.98 -6.51 0.34	106.67 -6.85 0.00	80.64 -5.77 0.00	95.80 -7.60 0.00	111.65 -8.22 0.00	140.52 -9.93 0.00	89.51 -7.27 0.00	84.33 -8.34 0.00	87.24 -10.15 0.00	89.73 -10.09 0.00	73.82 -8.89 8.53	79.83 -7.98 5.62	90.98 -9.88 5.95	86.06 -9.67 13.68	66.56 -7.42 9.09	76.09 -8.61 8.85	71.22 -7.97 8.52	56.35 -5.19 -6.16	37.76 -5.10 8.50	48.32 -6.46 10.59	44.26 -5.15 7.42	47.50 -6.01 9.05	78.21 -9.09 10.79	72.99 -6.25 -9.53
ESPRGFLD_115KV_TB1 80157	121.56 5.74 0.00	118.97 5.45 0.00	90.38 3.98 0.00	108.14 4.73 0.00	125.61 5.74 0.00	157.95 7.49 0.00	101.63 4.85 0.00	97.36 4.68 0.00	101.88 4.50 0.00	103.72 3.90 0.00	94.14 2.90 0.00	96.39 2.97 0.00	110.60 3.79 0.00	113.57 4.15 0.00	86.26 3.19 0.00	104.37 3.73 -7.09	156.06 3.94 -64.40	150.23 2.59 -92.26	136.63 2.26 -83.02	96.51 2.79 -28.35	92.61 2.37 -33.41	157.26 2.34 -92.35	123.75 3.36 -22.30	73.02 2.35 -0.96
ETNA_115_KV_TB1_REV_LBMP_C 345029	118.07 2.25 0.00	115.62 2.10 0.00	87.83 1.43 0.00	104.88 1.47 0.00	121.60 1.73 0.00	152.81 2.35 0.00	98.52 1.74 0.00	94.35 1.68 0.00	98.89 1.50 -0.01	101.16 1.31 -0.03	106.74 0.68 -14.81	96.22 0.88 -1.92	112.79 1.17 -4.81	137.93 1.37 -27.15	88.84 1.10 -4.67	105.12 1.22 -10.36	100.73 1.45 -11.57	98.24 1.04 -41.82	101.85 0.83 -49.66	88.06 0.93 -21.75	89.41 0.81 -31.78	100.42 0.62 -37.23	141.40 0.60 -42.71	93.58 0.49 -23.37
ETNA____115KV_TB2 80207	118.07 2.25 0.00	115.62 2.10 0.00	87.83 1.43 0.00	104.88 1.47 0.00	121.60 1.73 0.00	152.81 2.35 0.00	98.52 1.74 0.00	94.35 1.68 0.00	98.89 1.50 -0.01	101.16 1.31 -0.03	106.74 0.68 -14.81	96.22 0.88 -1.92	112.79 1.17 -4.81	137.93 1.37 -27.15	88.84 1.10 -4.67	105.12 1.22 -10.36	100.73 1.45 -11.57	98.24 1.04 -41.82	101.85 0.83 -49.66	88.06 0.93 -21.75	89.41 0.81 -31.78	100.42 0.62 -37.23	141.40 0.60 -42.71	93.58 0.49 -23.37
EUCLID____115KV_TB2 356179	113.59 -2.24 0.00	111.27 -2.25 0.00	84.58 -1.83 0.00	101.00 -2.40 0.00	117.14 -2.73 0.00	147.12 -3.34 0.00	94.74 -2.05 0.00	90.62 -2.06 0.00	95.01 -2.38 0.00	97.32 -2.51 0.00	88.85 -2.39 0.00	91.35 -2.19 -0.12	104.28 -2.53 0.00	106.78 -2.63 0.00	81.84 -1.91 -0.69	93.34 -2.15 -1.93	85.96 -1.93 -0.17	60.32 -1.17 -6.11	57.01 -1.16 -6.81	69.12 -1.47 -5.21	58.22 -1.21 -2.60	61.85 -1.54 -0.83	98.05 -2.52 -2.48	74.13 -1.77 -6.19
E_CANADA_CAP_HY 24051	122.17 6.35 0.00	119.55 6.03 0.00	90.90 4.50 0.00	108.80 5.40 0.00	126.51 6.63 0.00	159.08 8.62 0.00	102.24 5.45 0.00	97.90 5.23 0.00	102.00 4.61 0.00	103.02 3.15 -0.05	93.46 2.21 0.00	97.88 2.45 -2.00	110.44 3.63 0.00	113.85 4.44 0.00	98.01 3.34 -11.60	139.39 4.18 -41.65	176.94 4.44 -84.78	279.03 2.93 -220.72	274.67 2.63 -220.68	192.64 3.27 -124.00	145.92 2.80 -86.30	197.06 2.99 -131.50	172.79 4.53 -70.17	178.83 3.15 -105.97
E_CANADA_MHWK_HY 24050	121.61 5.78 0.00	118.86 5.34 0.00	90.45 4.05 0.00	107.99 4.58 0.00	124.79 4.91 0.00	156.59 6.13 0.00	101.72 4.93 0.00	97.70 5.02 0.00	102.22 4.83 0.00	103.50 3.67 0.00	94.07 2.82 0.00	96.75 3.33 0.00	111.01 4.19 0.00	114.23 4.82 0.00	86.97 3.91 0.00	98.38 4.83 0.00	92.20 4.48 0.00	58.52 3.14 0.00	54.16 2.81 0.00	68.78 3.40 0.00	59.78 2.95 0.00	65.92 3.36 0.00	103.13 5.04 0.00	73.08 3.37 0.00
E_FISHKILL____LBMP 23776	124.05 8.23 0.00	121.49 7.97 0.00	92.37 5.97 0.00	109.81 6.41 0.00	127.16 7.28 0.00	159.41 8.95 0.00	103.36 6.57 0.00	99.04 6.37 0.00	104.38 6.99 0.00	107.09 7.23 -0.04	97.33 6.09 0.00	101.17 6.32 -1.43	113.99 7.18 0.00	116.59 7.18 0.00	96.89 5.54 -8.28	125.21 5.99 -25.68	113.82 5.69 -20.41	159.47 3.67 -100.43	161.45 3.36 -106.73	141.92 4.26 -72.29	103.15 3.83 -42.49	103.46 4.09 -36.81	141.82 6.40 -37.33	149.40 4.62 -75.07
FALCON____SEABRD_CC1 323796	116.13 0.31 0.00	113.67 0.15 0.00	86.87 0.47 0.00	104.46 1.05 0.00	120.76 0.89 0.00	151.21 0.76 0.00	96.78 0.00 0.00	92.19 -0.49 0.00	97.12 -0.27 0.00	99.61 -0.21 0.00	90.99 -0.26 0.00	93.16 -0.26 0.00	106.81 0.00 0.00	109.06 -0.35 0.00	83.06 0.00 0.00	93.76 0.21 0.00	88.14 0.42 0.00	55.57 0.19 0.00	51.20 -0.16 0.00	64.88 -0.49 0.00	55.48 -1.35 0.00	61.18 -1.39 0.00	96.07 -2.02 0.00	68.92 -0.78 0.00

FALCON___SEABRD_CC2 323797	116.13 0.31 0.00	113.67 0.15 0.00	86.87 0.47 0.00	104.46 1.05 0.00	120.76 0.89 0.00	151.21 0.76 0.00	96.78 0.00 0.00	92.19 -0.49 0.00	97.12 -0.27 0.00	99.61 -0.21 0.00	90.99 -0.26 0.00	93.16 -0.26 0.00	106.81 0.00 0.00	109.06 -0.35 0.00	83.06 0.00 0.00	93.76 0.21 0.00	88.14 0.42 0.00	55.57 0.19 0.00	51.20 -0.16 0.00	64.88 -0.49 0.00	55.48 -1.35 0.00	61.18 -1.39 0.00	96.07 -2.02 0.00	68.92 -0.78 0.00
FAR ROCKAWAY___4 23548	136.60 11.95 -8.82	142.54 11.74 -17.28	95.05 8.65 0.00	112.81 9.40 0.00	130.63 10.76 0.00	163.96 13.50 0.00	147.79 9.85 -41.16	149.42 9.56 -47.18	126.09 10.30 -18.40	110.23 10.37 -0.04	100.10 8.85 0.00	104.00 9.18 -1.40	117.06 10.24 0.00	119.97 10.56 0.00	113.73 8.24 -22.42	127.51 8.81 -25.15	237.23 8.73 -140.78	176.91 5.59 -115.93	161.03 5.09 -104.58	151.00 6.54 -79.08	150.91 5.87 -88.22	135.72 6.21 -66.94	165.85 9.69 -58.07	150.00 6.76 -73.53
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	125.99 10.16 0.00	123.25 9.73 0.00	93.61 7.21 0.00	111.18 7.78 0.00	128.72 8.85 0.00	161.48 11.03 0.00	104.87 8.09 0.00	100.59 7.92 0.00	106.11 8.72 0.00	109.10 9.23 -0.04	98.69 7.44 0.00	102.54 7.72 -1.40	115.69 8.88 0.00	118.36 8.95 0.00	97.93 6.75 -8.11	125.81 7.10 -25.16	114.66 6.91 -20.03	158.25 4.43 -98.44	160.03 4.06 -104.61	141.37 5.15 -70.84	103.12 4.65 -41.65	103.58 4.90 -36.11	142.37 7.69 -36.58	148.81 5.55 -73.56
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	126.06 10.23 0.00	123.36 9.84 0.00	93.67 7.26 0.00	111.26 7.85 0.00	128.79 8.92 0.00	161.59 11.13 0.00	104.93 8.14 0.00	100.63 7.96 0.00	106.16 8.77 0.00	109.15 9.29 -0.04	98.75 7.50 0.00	102.58 7.76 -1.40	115.78 8.97 0.00	118.41 9.00 0.00	97.97 6.79 -8.11	125.84 7.13 -25.16	114.70 6.96 -20.03	158.30 4.48 -98.44	160.06 4.09 -104.61	141.43 5.21 -70.84	103.17 4.69 -41.65	103.62 4.95 -36.11	142.43 7.76 -36.58	148.85 5.59 -73.56
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	125.90 10.08 0.00	123.21 9.69 0.00	93.57 7.17 0.00	111.15 7.75 0.00	128.67 8.80 0.00	161.43 10.97 0.00	104.82 8.03 0.00	100.53 7.85 0.00	106.05 8.66 0.00	109.05 9.19 -0.04	98.64 7.40 0.00	102.47 7.65 -1.40	115.63 8.82 0.00	118.28 8.87 0.00	97.87 6.69 -8.11	125.74 7.03 -25.16	114.59 6.84 -20.03	158.22 4.39 -98.44	159.99 4.02 -104.61	141.32 5.10 -70.84	103.09 4.61 -41.65	103.55 4.88 -36.11	142.30 7.62 -36.58	148.76 5.50 -73.56
FARRAGUT___LBMP 323566	125.82 9.99 0.00	123.13 9.61 0.00	93.50 7.09 0.00	111.05 7.64 0.00	128.56 8.69 0.00	161.33 10.87 0.00	104.74 7.96 0.00	100.45 7.78 0.00	105.96 8.57 0.00	108.95 9.09 -0.04	98.55 7.31 0.00	102.39 7.57 -1.40	115.55 8.73 0.00	118.18 8.77 0.00	97.80 6.62 -8.11	125.66 6.94 -25.16	114.52 6.78 -20.03	158.18 4.35 -98.44	159.94 3.97 -104.61	141.27 5.05 -70.84	103.05 4.57 -41.65	103.50 4.83 -36.11	142.23 7.55 -36.58	148.72 5.45 -73.56
FENNER___WINDPWR 24204	118.49 2.66 0.00	116.10 2.58 0.00	88.34 1.94 0.00	105.55 2.15 0.00	122.49 2.62 0.00	154.00 3.54 0.00	99.29 2.51 0.00	95.01 2.34 0.00	99.58 2.19 0.00	101.68 1.84 -0.01	95.06 1.24 -2.57	94.81 1.22 -0.17	109.30 1.84 -0.65	116.36 2.13 -4.83	85.69 1.66 -0.97	98.65 2.14 -2.96	90.71 2.10 -0.89	68.62 1.27 -11.97	65.83 1.02 -13.45	74.04 1.31 -7.36	65.40 1.11 -7.47	69.71 1.00 -6.15	108.98 1.26 -9.63	80.43 0.67 -10.05
FIBERTEK___ENERGY 23856	114.97 -0.86 0.00	112.52 -1.00 0.00	85.53 -0.88 0.00	102.15 -1.26 0.00	118.47 -1.40 0.00	148.79 -1.66 0.00	95.85 -0.93 0.00	91.71 -0.96 0.00	96.18 -1.21 0.00	98.54 -1.29 0.00	89.90 -1.34 0.00	92.47 -1.10 -0.14	105.56 -1.25 0.00	108.10 -1.32 0.00	82.96 -0.93 -0.82	94.84 -1.03 -2.32	87.07 -0.84 -0.20	62.26 -0.45 -7.33	59.03 -0.49 -8.17	70.95 -0.68 -6.25	59.38 -0.57 -3.12	62.78 -0.78 -0.99	99.66 -1.41 -2.98	76.19 -0.95 -7.43
FITZPATRICK___ 23598	111.83 -4.00 0.00	109.49 -4.02 0.00	83.29 -3.11 0.00	99.50 -3.91 0.00	115.41 -4.47 0.00	144.87 -5.58 0.00	93.25 -3.53 0.00	89.16 -3.51 0.00	93.57 -3.82 0.00	95.87 -3.96 0.00	87.56 -3.68 0.00	89.92 -3.58 -0.08	102.69 -4.12 0.00	105.21 -4.21 0.00	80.41 -3.14 -0.48	91.36 -3.55 -1.36	84.54 -3.30 -0.12	57.65 -2.04 -4.31	54.22 -1.94 -4.80	66.57 -2.48 -3.68	56.56 -2.10 -1.84	60.71 -2.44 -0.58	95.97 -3.88 -1.75	71.36 -2.72 -4.37
FLOWRFLD_69_KV_BK1 356044	138.78 14.13 -8.82	144.35 13.55 -17.28	96.43 10.02 0.00	114.43 11.02 0.00	132.66 12.79 0.00	166.85 16.39 0.00	149.99 12.05 -41.16	151.77 11.91 -47.18	128.45 12.66 -18.40	111.39 11.53 -0.04	101.30 10.05 0.00	104.80 9.98 -1.40	117.90 11.08 0.00	121.14 11.73 0.00	114.94 9.44 -22.42	127.73 9.03 -25.15	238.20 9.70 -140.78	177.34 6.02 -115.93	161.47 5.53 -104.58	151.85 7.39 -79.08	151.43 6.38 -88.22	135.81 6.31 -66.94	165.96 9.80 -58.07	150.09 6.86 -73.53
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	125.91 10.08 0.00	123.26 9.74 0.00	93.72 7.31 0.00	111.47 8.06 0.00	129.06 9.19 0.00	161.90 11.44 0.00	104.99 8.20 0.00	100.64 7.97 0.00	106.05 8.66 0.00	108.73 8.86 -0.04	98.75 7.51 0.00	102.59 7.76 -1.40	115.63 8.82 0.00	118.31 8.90 0.00	98.05 6.84 -8.14	126.35 7.52 -25.28	115.26 7.22 -20.33	159.19 4.67 -99.13	160.93 4.28 -105.29	142.00 5.42 -71.20	103.54 4.80 -41.91	104.27 5.14 -36.56	142.85 7.96 -36.79	149.21 5.66 -73.84
FORT ORANGE___ 23900	120.30 4.48 0.00	117.94 4.42 0.00	89.86 3.46 0.00	107.22 3.81 0.00	123.96 4.09 0.00	155.28 4.83 0.00	100.24 3.45 0.00	96.06 3.39 0.00	101.10 3.72 0.00	103.54 3.67 -0.04	95.10 3.86 0.00	99.18 4.06 -1.70	111.15 4.33 0.00	113.96 4.55 0.00	96.34 3.42 -9.85	130.83 3.69 -33.59	145.00 3.56 -53.72	219.17 2.31 -161.47	217.90 2.11 -164.43	166.22 2.67 -98.18	124.10 2.38 -64.90	150.90 2.57 -85.76	156.10 4.02 -53.98	162.07 2.63 -89.73
FORT_DRUM_COGEN 23780	120.65 4.83 0.00	117.93 4.41 0.00	89.60 3.20 0.00	107.29 3.89 0.00	124.50 4.63 0.00	156.32 5.87 0.00	100.37 3.59 0.00	95.82 3.15 0.00	99.00 1.62 0.00	100.50 0.67 0.00	92.28 1.04 0.00	94.96 1.46 -0.07	107.74 0.92 0.00	110.39 0.97 0.00	84.69 1.22 -0.40	96.63 1.94 -1.14	90.09 2.28 -0.10	60.36 1.39 -3.59	56.27 0.90 -4.00	70.14 1.70 -3.07	59.67 1.31 -1.53	63.59 0.54 -0.49	99.85 0.30 -1.46	72.92 -0.43 -3.64
FOX_HILLS___ESR 323835	149.61 9.87 -23.92	146.05 9.47 -23.06	116.46 6.98 -23.08	133.67 7.53 -22.73	151.31 8.58 -22.86	197.00 10.73 -35.81	126.01 7.90 -21.33	124.54 7.71 -24.16	519.14 8.54 -413.21	298.91 9.03 -190.05	111.08 7.18 -12.66	131.20 7.61 -30.17	243.42 8.69 -127.91	402.83 8.69 -284.73	126.52 6.56 -36.90	138.34 6.94 -37.84	143.86 6.71 -49.44	190.18 4.39 -130.41	228.77 4.02 -173.39	125.87 5.10 -55.39	101.61 4.60 -40.18	102.35 4.82 -34.98	171.14 7.69 -65.36	195.60 5.70 -120.19
FPL FAR_ROCK_GT1 24212	136.60 11.95 -8.82	142.56 11.76 -17.28	95.05 8.64 0.00	112.81 9.40 0.00	130.63 10.76 0.00	163.97 13.51 0.00	147.79 9.85 -41.16	149.42 9.57 -47.18	126.09 10.30 -18.40	110.24 10.37 -0.04	100.09 8.84 0.00	104.00 9.18 -1.40	117.07 10.25 0.00	119.98 10.57 0.00	113.73 8.24 -22.42	127.51 8.81 -25.15	237.23 8.73 -140.78	176.90 5.59 -115.93	161.03 5.10 -104.58	151.00 6.54 -79.08	150.91 5.86 -88.22	135.72 6.21 -66.94	165.85 9.68 -58.07	149.99 6.75 -73.53



FPL_FAR_ROCK_GT2 23815	136.60 11.95 -8.82	142.56 11.76 -17.28	95.05 8.64 0.00	112.81 9.40 0.00	130.63 10.76 0.00	163.97 13.51 0.00	147.79 9.85 -41.16	149.42 9.57 -47.18	126.09 10.30 -18.40	110.24 10.37 -0.04	100.09 8.84 0.00	104.00 9.18 -1.40	117.07 10.25 0.00	119.98 10.57 0.00	113.73 8.24 -22.42	127.51 8.81 -25.15	237.23 8.73 -140.78	176.90 5.59 -115.93	161.03 5.10 -104.58	151.00 6.54 -79.08	150.91 5.86 -88.22	135.72 6.21 -66.94	165.85 9.68 -58.07	149.99 6.75 -73.53
FRANKLIN_FALL_HYD 24054	116.88 1.05 0.00	114.35 0.83 0.00	87.31 0.91 0.00	105.13 1.73 0.00	121.80 1.93 0.00	152.94 2.49 0.00	97.60 0.81 0.00	93.53 0.86 0.00	98.60 1.21 0.00	101.10 1.28 0.00	92.30 1.05 0.00	94.35 0.93 0.00	107.94 1.13 0.00	110.47 1.06 0.00	83.91 0.85 0.00	94.56 1.01 0.00	88.90 1.18 0.00	56.01 0.63 0.00	51.68 0.32 0.00	65.50 0.12 0.00	56.21 -0.62 0.00	62.03 -0.54 0.00	97.42 -0.67 0.00	69.53 -0.18 0.00
FREEPORT_EQUS_GT1 23764	135.91 11.26 -8.82	141.95 11.15 -17.28	94.59 8.19 0.00	112.20 8.80 0.00	129.94 10.07 0.00	163.05 12.60 0.00	147.24 9.30 -41.16	148.88 9.02 -47.18	125.55 9.76 -18.40	109.60 9.74 -0.04	99.48 8.24 0.00	103.29 8.47 -1.40	116.34 9.52 0.00	119.38 9.97 0.00	113.22 7.73 -22.42	126.90 8.20 -25.15	236.68 8.18 -140.78	176.54 5.22 -115.93	160.74 4.80 -104.58	150.60 6.14 -79.08	150.54 5.49 -88.22	135.32 5.81 -66.94	165.25 9.09 -58.07	149.57 6.33 -73.53
FREEPORT___CT2 23818	135.91 11.26 -8.82	141.95 11.15 -17.28	94.59 8.19 0.00	112.20 8.80 0.00	129.94 10.07 0.00	163.05 12.60 0.00	147.24 9.30 -41.16	148.88 9.02 -47.18	125.55 9.76 -18.40	109.60 9.74 -0.04	99.48 8.24 0.00	103.29 8.47 -1.40	116.34 9.52 0.00	119.38 9.97 0.00	113.22 7.73 -22.42	126.90 8.20 -25.15	236.68 8.18 -140.78	176.54 5.22 -115.93	160.74 4.80 -104.58	150.60 6.14 -79.08	150.54 5.49 -88.22	135.32 5.81 -66.94	165.25 9.09 -58.07	149.57 6.33 -73.53
FRESHKLS_33_KV_LOAD 356253	149.31 9.56 -23.92	145.78 9.20 -23.06	116.27 6.79 -23.08	133.43 7.29 -22.73	151.03 8.31 -22.86	196.70 10.43 -35.81	125.80 7.69 -21.33	124.31 7.48 -24.16	518.94 8.34 -413.21	298.68 8.81 -190.05	110.83 6.92 -12.66	130.95 7.36 -30.17	243.10 8.38 -127.91	402.51 8.37 -284.73	126.30 6.33 -36.90	138.10 6.70 -37.84	143.65 6.49 -49.44	190.05 4.26 -130.41	228.62 3.87 -173.39	125.67 4.91 -55.39	101.44 4.43 -40.18	102.17 4.63 -34.98	170.95 7.49 -65.36	195.51 5.61 -120.19
FULTON COGEN____ 23766	113.31 -2.52 0.00	110.96 -2.56 0.00	84.33 -2.08 0.00	100.72 -2.69 0.00	116.88 -2.99 0.00	146.80 -3.65 0.00	94.52 -2.27 0.00	90.41 -2.26 0.00	94.83 -2.56 0.00	97.10 -2.73 0.00	88.69 -2.55 0.00	91.24 -2.30 -0.11	104.11 -2.70 0.00	106.56 -2.86 0.00	81.59 -2.12 -0.64	93.02 -2.35 -1.81	85.78 -2.10 -0.15	59.85 -1.26 -5.73	56.51 -1.23 -6.38	68.70 -1.56 -4.88	57.94 -1.32 -2.44	61.73 -1.61 -0.78	97.75 -2.66 -2.32	73.62 -1.89 -5.80
FULTON___LFGE 323630	123.83 8.01 0.00	121.21 7.69 0.00	92.19 5.79 0.00	110.19 6.78 0.00	127.97 8.10 0.00	160.84 10.39 0.00	103.63 6.84 0.00	99.33 6.66 0.00	103.06 5.67 0.00	103.24 3.37 -0.05	93.40 2.15 0.00	97.87 2.54 -1.91	111.00 4.19 0.00	114.84 5.43 0.00	98.33 4.21 -11.06	140.03 5.57 -40.90	185.72 6.06 -91.94	285.69 4.01 -226.31	279.64 3.65 -224.64	192.94 4.57 -123.00	148.68 3.94 -87.92	207.99 4.15 -141.27	175.08 6.32 -70.66	175.29 4.41 -101.17
G.F.CEMENT___DRP 24184	126.46 10.64 0.00	123.80 10.28 0.00	94.60 8.20 0.00	112.75 9.34 0.00	130.79 10.92 0.00	164.23 13.78 0.00	106.51 9.72 0.00	102.12 9.45 0.00	107.44 10.06 0.00	109.24 9.37 -0.04	99.55 8.31 0.00	103.78 8.59 -1.76	116.69 9.88 0.00	119.64 10.23 0.00	101.43 8.14 -10.23	141.99 9.78 -38.66	189.61 9.45 -92.43	281.23 5.93 -219.92	274.11 5.41 -217.34	189.24 6.78 -117.08	148.08 6.01 -85.24	210.44 6.58 -141.30	176.27 10.20 -67.97	170.68 7.30 -93.67
GARDENVILLE___LBMP 24039	109.03 -6.80 0.00	106.47 -7.05 0.00	80.47 -5.93 0.00	95.63 -7.77 0.00	111.45 -8.42 0.00	140.22 -10.23 0.00	89.24 -7.55 0.00	84.04 -8.63 0.00	86.98 -10.41 0.00	89.46 -10.37 0.00	72.70 -9.22 9.32	78.68 -8.18 6.56	89.97 -10.08 6.77	84.69 -9.94 14.78	64.66 -7.63 10.78	73.88 -8.75 10.92	69.28 -8.17 10.27	55.27 -5.34 -5.24	34.15 -5.24 11.97	44.12 -6.66 14.60	42.41 -5.36 9.05	46.01 -6.21 10.35	76.65 -9.29 12.16	72.60 -6.44 -9.34
GARDNVLA_35_KV_LD 355827	109.45 -6.37 0.00	106.86 -6.66 0.00	80.75 -5.66 0.00	95.97 -7.44 0.00	111.90 -7.97 0.00	140.85 -9.60 0.00	89.68 -7.11 0.00	84.49 -8.18 0.00	87.43 -9.96 0.00	89.95 -9.88 0.00	74.23 -8.82 8.19	80.41 -7.78 5.23	91.61 -9.59 5.62	86.70 -9.51 13.20	67.33 -7.34 8.40	77.09 -8.45 8.01	72.03 -7.88 7.81	56.80 -5.11 -6.53	39.24 -5.01 7.10	50.02 -6.36 9.00	44.99 -5.08 6.75	48.05 -5.94 8.57	78.90 -8.91 10.29	73.18 -6.13 -9.60
GELCKHM___115KV_LOAD 80723	114.12 -1.70 0.00	111.74 -1.78 0.00	84.93 -1.47 0.00	101.43 -1.97 0.00	117.66 -2.21 0.00	147.77 -2.69 0.00	95.14 -1.64 0.00	91.02 -1.65 0.00	95.45 -1.94 0.00	97.80 -2.03 0.00	89.26 -1.98 0.00	91.78 -1.77 -0.13	104.74 -2.07 0.00	107.31 -2.10 0.00	82.25 -1.55 -0.74	93.89 -1.73 -2.07	86.39 -1.50 -0.18	61.04 -0.89 -6.55	57.76 -0.90 -7.30	69.80 -1.16 -5.59	58.64 -0.98 -2.79	62.19 -1.26 -0.89	98.66 -2.10 -2.66	74.91 -1.44 -6.64
GENERAL___MILLS 23808	109.29 -6.54 0.00	106.72 -6.80 0.00	80.66 -5.74 0.00	95.86 -7.54 0.00	111.74 -8.13 0.00	140.67 -9.78 0.00	89.53 -7.26 0.00	84.35 -8.32 0.00	87.31 -10.07 0.00	89.82 -10.01 0.00	73.78 -8.93 8.53	79.89 -7.92 5.62	91.13 -9.73 5.95	86.08 -9.65 13.68	66.56 -7.42 9.09	76.16 -8.55 8.85	71.23 -7.97 8.52	56.35 -5.19 -6.16	37.77 -5.09 8.50	48.32 -6.46 10.59	44.22 -5.19 7.42	47.48 -6.02 9.05	78.29 -9.01 10.79	73.01 -6.23 -9.53
GE_PLASTICS___DRP 24183	120.31 4.48 0.00	117.92 4.40 0.00	89.82 3.41 0.00	107.15 3.74 0.00	123.95 4.08 0.00	155.28 4.83 0.00	100.24 3.45 0.00	96.00 3.33 0.00	101.04 3.65 0.00	103.62 3.76 -0.04	95.00 3.76 0.00	99.11 3.99 -1.70	111.14 4.33 0.00	113.82 4.41 0.00	96.28 3.37 -9.84	129.95 3.64 -32.76	137.01 3.43 -45.87	207.75 2.17 -150.20	207.70 1.98 -154.37	162.78 2.53 -94.87	120.13 2.26 -61.04	139.58 2.47 -74.55	153.35 3.85 -51.40	161.87 2.60 -89.56
GILBOA___1 23756	120.51 4.69 0.00	118.09 4.57 0.00	89.85 3.44 0.00	107.10 3.70 0.00	124.05 4.18 0.00	155.54 5.08 0.00	100.30 3.52 0.00	96.03 3.36 0.00	101.08 3.69 0.00	103.77 3.91 -0.03	94.66 3.41 0.00	98.40 3.63 -1.35	110.88 4.07 0.00	113.55 4.14 0.00	94.10 3.22 -7.82	121.07 3.52 -24.00	107.92 3.28 -16.92	148.84 1.99 -91.47	150.95 1.81 -97.78	135.09 2.43 -67.28	97.96 2.16 -38.98	96.22 2.26 -31.40	136.21 3.64 -34.48	143.16 2.60 -70.85
GILBOA___2 23757	120.51 4.69 0.00	118.09 4.57 0.00	89.85 3.44 0.00	107.10 3.70 0.00	124.05 4.18 0.00	155.54 5.08 0.00	100.30 3.52 0.00	96.03 3.36 0.00	101.08 3.69 0.00	103.77 3.91 -0.03	94.66 3.41 0.00	98.40 3.63 -1.35	110.88 4.07 0.00	113.55 4.14 0.00	94.10 3.22 -7.82	121.07 3.52 -24.00	107.92 3.28 -16.92	148.84 1.99 -91.47	150.95 1.81 -97.78	135.09 2.43 -67.28	97.96 2.16 -38.98	96.22 2.26 -31.40	136.21 3.64 -34.48	143.16 2.60 -70.85

GILBOA___3 23758	120.51 4.69 0.00	118.09 4.57 0.00	89.85 3.44 0.00	107.10 3.70 0.00	124.05 4.18 0.00	155.54 5.08 0.00	100.30 3.52 0.00	96.03 3.36 0.00	101.08 3.69 0.00	103.77 3.91 -0.03	94.66 3.41 0.00	98.40 3.63 -1.35	110.88 4.07 0.00	113.55 4.14 0.00	94.10 3.22 -7.82	121.07 3.52 -24.00	107.92 3.28 -16.92	148.84 1.99 -91.47	150.95 1.81 -97.78	135.09 2.43 -67.28	97.96 2.16 -38.98	96.22 2.26 -31.40	136.21 3.64 -34.48	143.16 2.60 -70.85
GILBOA___4 23759	120.51 4.69 0.00	118.09 4.57 0.00	89.85 3.44 0.00	107.10 3.70 0.00	124.05 4.18 0.00	155.54 5.08 0.00	100.30 3.52 0.00	96.03 3.36 0.00	101.08 3.69 0.00	103.77 3.91 -0.03	94.66 3.41 0.00	98.40 3.63 -1.35	110.88 4.07 0.00	113.55 4.14 0.00	94.10 3.22 -7.82	121.07 3.52 -24.00	107.92 3.28 -16.92	148.84 1.99 -91.47	150.95 1.81 -97.78	135.09 2.43 -67.28	97.96 2.16 -38.98	96.22 2.26 -31.40	136.21 3.64 -34.48	143.16 2.60 -70.85
GILBOA___ 23599	120.50 4.68 0.00	118.08 4.56 0.00	89.84 3.44 0.00	107.10 3.69 0.00	124.05 4.18 0.00	155.52 5.07 0.00	100.30 3.52 0.00	96.04 3.37 0.00	101.06 3.67 0.00	103.77 3.91 -0.03	94.66 3.42 0.00	98.40 3.63 -1.35	110.87 4.06 0.00	113.53 4.12 0.00	94.11 3.22 -7.82	121.07 3.52 -24.00	107.92 3.28 -16.92	148.84 2.00 -91.47	150.95 1.82 -97.78	135.09 2.42 -67.28	97.97 2.17 -38.98	96.23 2.27 -31.40	136.21 3.64 -34.48	143.17 2.62 -70.85
GINNA___ 23603	107.50 -8.20 0.12	105.27 -8.25 0.00	79.89 -6.52 0.00	95.20 -8.20 0.00	110.73 -9.14 0.00	139.28 -11.18 0.00	89.38 -7.41 0.00	85.09 -7.58 0.00	88.74 -8.64 0.00	91.04 -8.79 0.00	81.54 -7.88 1.83	86.18 -7.41 -0.16	97.64 -8.71 0.46	97.06 -8.93 3.43	77.28 -6.74 -0.95	88.43 -7.65 -2.53	80.40 -7.09 0.23	57.10 -4.40 -6.12	53.82 -4.28 -6.74	67.17 -5.46 -7.25	53.19 -4.56 -0.92	54.81 -5.36 2.38	88.87 -8.31 0.91	71.63 -5.76 -7.69
GLEN PARK___ 23778	121.32 5.49 0.00	118.56 5.03 0.00	90.05 3.64 0.00	107.84 4.43 0.00	125.11 5.24 0.00	157.13 6.67 0.00	100.94 4.16 0.00	96.41 3.74 0.00	99.68 2.29 0.00	101.17 1.34 0.00	92.90 1.65 0.00	95.54 2.05 -0.07	108.39 1.58 0.00	110.98 1.57 0.00	85.24 1.75 -0.42	97.29 2.56 -1.18	90.77 2.95 -0.10	60.95 1.85 -3.72	56.83 1.33 -4.15	70.77 2.22 -3.17	60.18 1.77 -1.58	64.06 1.00 -0.51	100.55 0.94 -1.51	73.47 0.00 -3.77
GLENDALE_27_KV_LOAD 356172	126.49 10.67 0.00	123.80 10.28 0.00	93.99 7.58 0.00	111.67 8.26 0.00	129.25 9.38 0.00	162.15 11.69 0.00	105.34 8.56 0.00	101.05 8.38 0.00	106.62 9.23 0.00	109.59 9.73 -0.04	99.14 7.90 0.00	103.03 8.21 -1.40	116.25 9.44 0.00	118.93 9.51 0.00	98.31 7.13 -8.11	126.31 7.60 -25.16	115.09 7.34 -20.03	158.58 4.75 -98.45	160.34 4.37 -104.62	141.83 5.60 -70.85	103.51 5.03 -41.65	103.98 5.31 -36.11	142.93 8.25 -36.58	149.20 5.93 -73.56
GLENWOOD_IC_1_G5 23712	135.44 10.79 -8.82	141.47 10.67 -17.28	94.25 7.85 0.00	111.84 8.43 0.00	129.54 9.67 0.00	162.53 12.07 0.00	146.88 8.94 -41.16	148.52 8.67 -47.18	125.21 9.43 -18.40	109.34 9.48 -0.04	99.22 7.98 0.00	103.02 8.20 -1.40	116.11 9.29 0.00	119.07 9.66 0.00	112.96 7.47 -22.42	126.59 7.89 -25.15	236.33 7.83 -140.78	176.33 5.02 -115.93	160.49 4.55 -104.58	150.32 5.87 -79.08	150.29 5.24 -88.22	135.06 5.55 -66.94	164.81 8.64 -58.07	149.34 6.10 -73.53
GLENWOOD_IC_2_G1 23688	135.48 10.83 -8.82	141.50 10.70 -17.28	94.27 7.86 0.00	111.88 8.47 0.00	129.50 9.63 0.00	162.51 12.06 0.00	146.84 8.89 -41.16	148.47 8.62 -47.18	125.13 9.34 -18.40	109.27 9.41 -0.04	99.18 7.93 0.00	102.96 8.14 -1.40	116.05 9.24 0.00	119.02 9.60 0.00	112.90 7.41 -22.42	126.54 7.83 -25.15	236.25 7.76 -140.78	176.26 4.95 -115.93	160.46 4.52 -104.58	150.26 5.80 -79.08	150.23 5.18 -88.22	135.00 5.50 -66.94	164.78 8.62 -58.07	149.29 6.05 -73.53
GLENWOOD_IC_3_G1 23689	135.48 10.83 -8.82	141.50 10.70 -17.28	94.27 7.86 0.00	111.88 8.47 0.00	129.50 9.63 0.00	162.51 12.06 0.00	146.84 8.89 -41.16	148.47 8.62 -47.18	125.13 9.34 -18.40	109.27 9.41 -0.04	99.18 7.93 0.00	102.96 8.14 -1.40	116.05 9.24 0.00	119.02 9.60 0.00	112.90 7.41 -22.42	126.54 7.83 -25.15	236.25 7.76 -140.78	176.26 4.95 -115.93	160.46 4.52 -104.58	150.26 5.80 -79.08	150.23 5.18 -88.22	135.00 5.50 -66.94	164.78 8.62 -58.07	149.29 6.05 -73.53
GLENWOOD___4 23550	135.60 10.95 -8.82	141.62 10.81 -17.28	94.36 7.96 0.00	111.98 8.58 0.00	129.68 9.81 0.00	162.73 12.27 0.00	147.01 9.07 -41.16	148.65 8.79 -47.18	125.33 9.54 -18.40	109.46 9.60 -0.04	99.34 8.10 0.00	103.13 8.31 -1.40	116.23 9.42 0.00	119.21 9.80 0.00	113.05 7.56 -22.42	126.72 8.02 -25.15	236.44 7.94 -140.78	176.41 5.10 -115.93	160.57 4.63 -104.58	150.40 5.95 -79.08	150.35 5.30 -88.22	135.14 5.63 -66.94	164.93 8.77 -58.07	149.41 6.17 -73.53
GLENWOOD___5 23614	135.60 10.95 -8.82	141.62 10.81 -17.28	94.36 7.96 0.00	111.98 8.58 0.00	129.68 9.81 0.00	162.73 12.27 0.00	147.01 9.07 -41.16	148.65 8.79 -47.18	125.33 9.54 -18.40	109.46 9.60 -0.04	99.34 8.10 0.00	103.13 8.31 -1.40	116.23 9.42 0.00	119.21 9.80 0.00	113.05 7.56 -22.42	126.72 8.02 -25.15	236.44 7.94 -140.78	176.41 5.10 -115.93	160.57 4.63 -104.58	150.40 5.95 -79.08	150.35 5.30 -88.22	135.14 5.63 -66.94	164.93 8.77 -58.07	149.41 6.17 -73.53
GLOBAL GREEN_PORT_GT1 23814	141.30 16.65 -8.82	146.97 16.16 -17.28	98.74 12.33 0.00	117.53 14.13 0.00	136.68 16.81 0.00	172.42 21.96 0.00	153.60 15.66 -41.16	155.29 15.43 -47.18	131.96 16.17 -18.40	114.02 14.16 -0.04	103.82 12.58 0.00	107.24 12.42 -1.40	120.31 13.50 0.00	123.38 13.96 0.00	116.47 10.98 -22.42	128.13 9.43 -25.15	238.94 10.44 -140.78	177.67 6.36 -115.93	161.49 5.56 -104.58	151.62 7.17 -79.08	151.11 6.07 -88.22	135.39 5.89 -66.94	165.39 9.23 -58.07	149.73 6.50 -73.53
GLOBE___DSASP 323697	105.28 -10.55 0.00	102.78 -10.75 0.00	77.77 -8.64 0.00	92.40 -11.01 0.00	107.98 -11.89 0.00	135.99 -14.47 0.00	86.31 -10.48 0.00	81.18 -11.50 0.00	83.83 -13.56 0.00	86.18 -13.64 0.00	72.65 -11.76 6.84	78.41 -10.79 4.23	89.07 -13.13 4.62	85.37 -12.98 11.06	66.45 -9.92 6.69	75.98 -11.49 6.08	70.79 -10.85 6.08	55.21 -6.96 -6.79	40.82 -6.64 3.89	52.14 -8.29 4.94	45.61 -6.69 4.53	48.21 -7.69 6.66	78.59 -11.44 8.07	70.94 -7.81 -9.03
GOETHSLN___LBMP 323567	52.84 9.35 72.34	52.81 8.95 69.66	52.84 6.62 40.19	52.84 7.07 57.64	52.84 8.02 75.05	39.43 9.99 121.02	54.96 7.43 49.26	52.82 7.28 47.14	-357.64 8.04 463.07	-122.31 8.54 230.67	43.15 6.76 54.85	35.14 6.99 65.27	-69.21 8.07 184.09	-234.35 8.08 351.84	35.13 6.09 54.03	52.07 6.37 47.85	39.57 6.22 54.37	74.00 3.99 -14.63	122.34 3.66 -67.33	98.75 4.63 -28.75	61.80 4.21 -0.76	63.91 4.42 3.08	35.14 7.00 69.96	16.35 5.08 58.43
GOLAH___69_KV_TB 1_2 80279	112.29 -3.53 0.00	109.66 -3.86 0.00	83.15 -3.26 0.00	99.03 -4.38 0.00	115.31 -4.56 0.00	145.06 -5.40 0.00	92.86 -3.92 0.00	88.16 -4.52 0.00	91.82 -5.57 0.00	94.19 -5.63 0.00	84.23 -5.02 1.99	89.48 -4.18 -0.23	101.05 -5.30 0.46	100.25 -5.39 3.77	79.87 -4.31 -1.11	91.57 -4.74 -2.77	83.20 -4.34 0.17	59.04 -2.61 -6.26	55.81 -2.60 -7.05	69.91 -3.26 -7.79	55.10 -2.57 -0.84	56.59 -3.17 2.80	92.01 -4.77 1.32	74.45 -3.24 -7.99

GOODYEAR_LAKE_HYD 323669	121.74 5.92 0.00	119.20 5.68 0.00	90.61 4.20 0.00	108.20 4.79 0.00	125.46 5.59 0.00	157.58 7.12 0.00	101.64 4.86 0.00	97.43 4.76 0.00	102.27 4.88 0.00	104.59 4.75 -0.01	95.08 3.83 0.00	97.81 3.96 -0.43	111.38 4.56 0.00	114.13 4.72 0.00	89.30 3.72 -2.51	108.30 4.16 -10.59	123.60 4.16 -31.72	125.06 2.68 -67.01	118.95 2.34 -65.25	101.44 2.92 -33.14	85.46 2.51 -26.13	112.84 2.50 -47.78	121.89 3.65 -20.16	95.40 2.58 -23.11
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	116.14 0.31 0.00	113.81 0.29 0.00	86.44 0.04 0.00	103.30 -0.11 0.00	119.64 -0.23 0.00	150.26 -0.19 0.00	96.79 0.00 0.00	92.46 -0.21 0.00	97.07 -0.32 0.00	99.43 -0.40 -0.01	88.65 -0.79 1.80	93.47 -0.40 -0.45	105.85 -0.50 0.46	105.49 -0.54 3.38	85.46 -0.20 -2.59	101.12 -0.43 -7.99	94.40 -0.32 -7.00	85.73 -0.27 -30.62	83.12 -0.32 -32.09	88.08 -0.39 -23.09	67.70 -0.32 -11.19	71.56 -0.57 -9.56	104.87 -0.97 -7.75	91.66 -0.64 -22.59
GOUDEY___7 23579	116.14 0.31 0.00	113.81 0.29 0.00	86.44 0.04 0.00	103.30 -0.11 0.00	119.64 -0.23 0.00	150.26 -0.19 0.00	96.79 0.00 0.00	92.46 -0.21 0.00	97.07 -0.32 0.00	99.43 -0.40 -0.01	88.65 -0.79 1.80	93.47 -0.40 -0.45	105.85 -0.50 0.46	105.49 -0.54 3.38	85.46 -0.20 -2.59	101.12 -0.43 -7.99	94.40 -0.32 -7.00	85.73 -0.27 -30.62	83.12 -0.32 -32.09	88.08 -0.39 -23.09	67.70 -0.32 -11.19	71.56 -0.57 -9.56	104.87 -0.97 -7.75	91.66 -0.64 -22.59
GOUDEY___8 23580	116.14 0.31 0.00	113.81 0.29 0.00	86.44 0.04 0.00	103.30 -0.11 0.00	119.64 -0.23 0.00	150.26 -0.19 0.00	96.79 0.00 0.00	92.46 -0.21 0.00	97.07 -0.32 0.00	99.43 -0.40 -0.01	88.65 -0.79 1.80	93.47 -0.40 -0.45	105.85 -0.50 0.46	105.49 -0.54 3.38	85.46 -0.20 -2.59	101.12 -0.43 -7.99	94.40 -0.32 -7.00	85.73 -0.27 -30.62	83.12 -0.32 -32.09	88.08 -0.39 -23.09	67.70 -0.32 -11.19	71.56 -0.57 -9.56	104.87 -0.97 -7.75	91.66 -0.64 -22.59
GOWANUS_GT1_1 24077	150.14 10.40 -23.92	146.57 9.99 -23.06	116.85 7.36 -23.08	134.12 7.98 -22.73	151.82 9.09 -22.86	197.61 11.34 -35.81	126.43 8.32 -21.33	124.96 8.13 -24.16	519.60 9.00 -413.21	299.35 9.48 -190.05	130.87 7.62 -32.00	131.59 8.00 -30.17	243.92 9.20 -127.91	403.33 9.19 -284.73	126.89 6.93 -36.90	138.77 7.38 -37.84	144.28 7.12 -49.44	190.43 4.64 -130.41	229.01 4.26 -173.39	144.34 5.44 -73.52	115.59 4.90 -53.86	107.63 5.14 -39.93	171.56 8.11 -65.36	195.83 5.93 -120.19
GOWANUS_GT1_2 24078	150.14 10.40 -23.92	146.57 9.99 -23.06	116.85 7.36 -23.08	134.12 7.98 -22.73	151.82 9.09 -22.86	197.61 11.34 -35.81	126.43 8.32 -21.33	124.96 8.13 -24.16	519.60 9.00 -413.21	299.35 9.48 -190.05	130.87 7.62 -32.00	131.59 8.00 -30.17	243.92 9.20 -127.91	403.33 9.19 -284.73	126.89 6.93 -36.90	138.77 7.38 -37.84	144.28 7.12 -49.44	190.43 4.64 -130.41	229.01 4.26 -173.39	144.34 5.44 -73.52	115.59 4.90 -53.86	107.63 5.14 -39.93	171.56 8.11 -65.36	195.83 5.93 -120.19
GOWANUS_GT1_3 24079	150.14 10.40 -23.92	146.57 9.99 -23.06	116.85 7.36 -23.08	134.12 7.98 -22.73	151.82 9.09 -22.86	197.61 11.34 -35.81	126.43 8.32 -21.33	124.96 8.13 -24.16	519.60 9.00 -413.21	299.35 9.48 -190.05	130.87 7.62 -32.00	131.59 8.00 -30.17	243.92 9.20 -127.91	403.33 9.19 -284.73	126.89 6.93 -36.90	138.77 7.38 -37.84	144.28 7.12 -49.44	190.43 4.64 -130.41	229.01 4.26 -173.39	144.34 5.44 -73.52	115.59 4.90 -53.86	107.63 5.14 -39.93	171.56 8.11 -65.36	195.83 5.93 -120.19
GOWANUS_GT1_4 24080	150.14 10.40 -23.92	146.57 9.99 -23.06	116.85 7.36 -23.08	134.12 7.98 -22.73	151.82 9.09 -22.86	197.61 11.34 -35.81	126.43 8.32 -21.33	124.96 8.13 -24.16	519.60 9.00 -413.21	299.35 9.48 -190.05	130.87 7.62 -32.00	131.59 8.00 -30.17	243.92 9.20 -127.91	403.33 9.19 -284.73	126.89 6.93 -36.90	138.77 7.38 -37.84	144.28 7.12 -49.44	190.43 4.64 -130.41	229.01 4.26 -173.39	144.34 5.44 -73.52	115.59 4.90 -53.86	107.63 5.14 -39.93	171.56 8.11 -65.36	195.83 5.93 -120.19
GOWANUS_GT1_5 24084	150.14 10.40 -23.92	146.57 9.99 -23.06	116.85 7.36 -23.08	134.12 7.98 -22.73	151.82 9.09 -22.86	197.61 11.34 -35.81	126.43 8.32 -21.33	124.96 8.13 -24.16	519.60 9.00 -413.21	299.35 9.48 -190.05	130.87 7.62 -32.00	131.59 8.00 -30.17	243.92 9.20 -127.91	403.33 9.19 -284.73	126.89 6.93 -36.90	138.77 7.38 -37.84	144.28 7.12 -49.44	190.43 4.64 -130.41	229.01 4.26 -173.39	144.34 5.44 -73.52	115.59 4.90 -53.86	107.63 5.14 -39.93	171.56 8.11 -65.36	195.83 5.93 -120.19
GOWANUS_GT1_6 24111	150.14 10.40 -23.92	146.57 9.99 -23.06	116.85 7.36 -23.08	134.12 7.98 -22.73	151.82 9.09 -22.86	197.61 11.34 -35.81	126.43 8.32 -21.33	124.96 8.13 -24.16	519.60 9.00 -413.21	299.35 9.48 -190.05	130.87 7.62 -32.00	131.59 8.00 -30.17	243.92 9.20 -127.91	403.33 9.19 -284.73	126.89 6.93 -36.90	138.77 7.38 -37.84	144.28 7.12 -49.44	190.43 4.64 -130.41	229.01 4.26 -173.39	144.34 5.44 -73.52	115.59 4.90 -53.86	107.63 5.14 -39.93	171.56 8.11 -65.36	195.83 5.93 -120.19
GOWANUS_GT1_7 24112	150.14 10.40 -23.92	146.57 9.99 -23.06	116.85 7.36 -23.08	134.12 7.98 -22.73	151.82 9.09 -22.86	197.61 11.34 -35.81	126.43 8.32 -21.33	124.96 8.13 -24.16	519.60 9.00 -413.21	299.35 9.48 -190.05	130.87 7.62 -32.00	131.59 8.00 -30.17	243.92 9.20 -127.91	403.33 9.19 -284.73	126.89 6.93 -36.90	138.77 7.38 -37.84	144.28 7.12 -49.44	190.43 4.64 -130.41	229.01 4.26 -173.39	144.34 5.44 -73.52	115.59 4.90 -53.86	107.63 5.14 -39.93	171.56 8.11 -65.36	195.83 5.93 -120.19
GOWANUS_GT1_8 24113	150.14 10.40 -23.92	146.57 9.99 -23.06	116.85 7.36 -23.08	134.12 7.98 -22.73	151.82 9.09 -22.86	197.61 11.34 -35.81	126.43 8.32 -21.33	124.96 8.13 -24.16	519.60 9.00 -413.21	299.35 9.48 -190.05	130.87 7.62 -32.00	131.59 8.00 -30.17	243.92 9.20 -127.91	403.33 9.19 -284.73	126.89 6.93 -36.90	138.77 7.38 -37.84	144.28 7.12 -49.44	190.43 4.64 -130.41	229.01 4.26 -173.39	144.34 5.44 -73.52	115.59 4.90 -53.86	107.63 5.14 -39.93	171.56 8.11 -65.36	195.83 5.93 -120.19
GOWANUS_GT2_1 24114	150.15 10.41 -23.92	146.58 10.00 -23.06	116.84 7.36 -23.08	134.13 7.99 -22.73	151.84 9.11 -22.86	197.64 11.37 -35.81	126.44 8.33 -21.33	124.95 8.12 -24.16	519.61 9.01 -413.21	299.37 9.49 -190.05	130.87 7.62 -32.00	131.60 8.01 -30.17	243.91 9.20 -127.91	403.35 9.20 -284.73	126.89 6.93 -36.90	138.78 7.39 -37.84	144.27 7.12 -49.44	190.43 4.63 -130.41	229.02 4.27 -173.39	144.34 5.44 -73.52	115.60 4.90 -53.86	107.63 5.13 -39.93	171.57 8.11 -65.36	195.83 5.93 -120.19
GOWANUS_GT2_2 24115	150.15 10.41 -23.92	146.58 10.00 -23.06	116.84 7.36 -23.08	134.13 7.99 -22.73	151.84 9.11 -22.86	197.64 11.37 -35.81	126.44 8.33 -21.33	124.95 8.12 -24.16	519.61 9.01 -413.21	299.37 9.49 -190.05	130.87 7.62 -32.00	131.60 8.01 -30.17	243.91 9.20 -127.91	403.35 9.20 -284.73	126.89 6.93 -36.90	138.78 7.39 -37.84	144.27 7.12 -49.44	190.43 4.63 -130.41	229.02 4.27 -173.39	144.34 5.44 -73.52	115.60 4.90 -53.86	107.63 5.13 -39.93	171.57 8.11 -65.36	195.83 5.93 -120.19
GOWANUS_GT2_3 24116	150.15 10.41 -23.92	146.58 10.00 -23.06	116.84 7.36 -23.08	134.13 7.99 -22.73	151.84 9.11 -22.86	197.64 11.37 -35.81	126.44 8.33 -21.33	124.95 8.12 -24.16	519.61 9.01 -413.21	299.37 9.49 -190.05	130.87 7.62 -32.00	131.60 8.01 -30.17	243.91 9.20 -127.91	403.35 9.20 -284.73	126.89 6.93 -36.90	138.78 7.39 -37.84	144.27 7.12 -49.44	190.43 4.63 -130.41	229.02 4.27 -173.39	144.34 5.44 -73.52	115.60 4.90 -53.86	107.63 5.13 -39.93	171.57 8.11 -65.36	195.83 5.93 -120.19

GOWANUS_GT2_4 24117	150.15 10.41 -23.92	146.58 10.00 -23.06	116.84 7.36 -23.08	134.13 7.99 -22.73	151.84 9.11 -22.86	197.64 11.37 -35.81	126.44 8.33 -21.33	124.95 8.12 -24.16	519.61 9.01 -413.21	299.37 9.49 -190.05	130.87 7.62 -32.00	131.60 8.01 -30.17	243.91 9.20 -127.91	403.35 9.20 -284.73	126.89 6.93 -36.90	138.78 7.39 -37.84	144.27 7.12 -49.44	190.43 4.63 -130.41	229.02 4.27 -173.39	144.34 5.44 -73.52	115.60 4.90 -53.86	107.63 5.13 -39.93	171.57 8.11 -65.36	195.83 5.93 -120.19
GOWANUS_GT2_5 24118	150.15 10.41 -23.92	146.58 10.00 -23.06	116.84 7.36 -23.08	134.13 7.99 -22.73	151.84 9.11 -22.86	197.64 11.37 -35.81	126.44 8.33 -21.33	124.95 8.12 -24.16	519.61 9.01 -413.21	299.37 9.49 -190.05	130.87 7.62 -32.00	131.60 8.01 -30.17	243.91 9.20 -127.91	403.35 9.20 -284.73	126.89 6.93 -36.90	138.78 7.39 -37.84	144.27 7.12 -49.44	190.43 4.63 -130.41	229.02 4.27 -173.39	144.34 5.44 -73.52	115.60 4.90 -53.86	107.63 5.13 -39.93	171.57 8.11 -65.36	195.83 5.93 -120.19
GOWANUS_GT2_6 24119	150.15 10.41 -23.92	146.58 10.00 -23.06	116.84 7.36 -23.08	134.13 7.99 -22.73	151.84 9.11 -22.86	197.64 11.37 -35.81	126.44 8.33 -21.33	124.95 8.12 -24.16	519.61 9.01 -413.21	299.37 9.49 -190.05	130.87 7.62 -32.00	131.60 8.01 -30.17	243.91 9.20 -127.91	403.35 9.20 -284.73	126.89 6.93 -36.90	138.78 7.39 -37.84	144.27 7.12 -49.44	190.43 4.63 -130.41	229.02 4.27 -173.39	144.34 5.44 -73.52	115.60 4.90 -53.86	107.63 5.13 -39.93	171.57 8.11 -65.36	195.83 5.93 -120.19
GOWANUS_GT2_7 24120	150.15 10.41 -23.92	146.58 10.00 -23.06	116.84 7.36 -23.08	134.13 7.99 -22.73	151.84 9.11 -22.86	197.64 11.37 -35.81	126.44 8.33 -21.33	124.95 8.12 -24.16	519.61 9.01 -413.21	299.37 9.49 -190.05	130.87 7.62 -32.00	131.60 8.01 -30.17	243.91 9.20 -127.91	403.35 9.20 -284.73	126.89 6.93 -36.90	138.78 7.39 -37.84	144.27 7.12 -49.44	190.43 4.63 -130.41	229.02 4.27 -173.39	144.34 5.44 -73.52	115.60 4.90 -53.86	107.63 5.13 -39.93	171.57 8.11 -65.36	195.83 5.93 -120.19
GOWANUS_GT2_8 24121	150.15 10.41 -23.92	146.58 10.00 -23.06	116.84 7.36 -23.08	134.13 7.99 -22.73	151.84 9.11 -22.86	197.64 11.37 -35.81	126.44 8.33 -21.33	124.95 8.12 -24.16	519.61 9.01 -413.21	299.37 9.49 -190.05	130.87 7.62 -32.00	131.60 8.01 -30.17	243.91 9.20 -127.91	403.35 9.20 -284.73	126.89 6.93 -36.90	138.78 7.39 -37.84	144.27 7.12 -49.44	190.43 4.63 -130.41	229.02 4.27 -173.39	144.34 5.44 -73.52	115.60 4.90 -53.86	107.63 5.13 -39.93	171.57 8.11 -65.36	195.83 5.93 -120.19
GOWANUS_GT3_1 24122	150.15 10.41 -23.92	146.58 10.00 -23.06	116.84 7.36 -23.08	134.13 7.99 -22.73	151.84 9.11 -22.86	197.64 11.37 -35.81	126.44 8.33 -21.33	124.95 8.12 -24.16	519.61 9.01 -413.21	299.37 9.49 -190.05	130.87 7.62 -32.00	131.60 8.01 -30.17	243.91 9.20 -127.91	403.35 9.20 -284.73	126.89 6.93 -36.90	138.78 7.39 -37.84	144.27 7.12 -49.44	190.43 4.63 -130.41	229.02 4.27 -173.39	144.34 5.44 -73.52	115.60 4.90 -53.86	107.63 5.13 -39.93	171.57 8.11 -65.36	195.83 5.93 -120.19
GOWANUS_GT3_2 24123	150.15 10.41 -23.92	146.58 10.00 -23.06	116.84 7.36 -23.08	134.13 7.99 -22.73	151.84 9.11 -22.86	197.64 11.37 -35.81	126.44 8.33 -21.33	124.95 8.12 -24.16	519.61 9.01 -413.21	299.37 9.49 -190.05	130.87 7.62 -32.00	131.60 8.01 -30.17	243.91 9.20 -127.91	403.35 9.20 -284.73	126.89 6.93 -36.90	138.78 7.39 -37.84	144.27 7.12 -49.44	190.43 4.63 -130.41	229.02 4.27 -173.39	144.34 5.44 -73.52	115.60 4.90 -53.86	107.63 5.13 -39.93	171.57 8.11 -65.36	195.83 5.93 -120.19
GOWANUS_GT3_3 24124	150.15 10.41 -23.92	146.58 10.00 -23.06	116.84 7.36 -23.08	134.13 7.99 -22.73	151.84 9.11 -22.86	197.64 11.37 -35.81	126.44 8.33 -21.33	124.95 8.12 -24.16	519.61 9.01 -413.21	299.37 9.49 -190.05	130.87 7.62 -32.00	131.60 8.01 -30.17	243.91 9.20 -127.91	403.35 9.20 -284.73	126.89 6.93 -36.90	138.78 7.39 -37.84	144.27 7.12 -49.44	190.43 4.63 -130.41	229.02 4.27 -173.39	144.34 5.44 -73.52	115.60 4.90 -53.86	107.63 5.13 -39.93	171.57 8.11 -65.36	195.83 5.93 -120.19
GOWANUS_GT3_4 24125	150.15 10.41 -23.92	146.58 10.00 -23.06	116.84 7.36 -23.08	134.13 7.99 -22.73	151.84 9.11 -22.86	197.64 11.37 -35.81	126.44 8.33 -21.33	124.95 8.12 -24.16	519.61 9.01 -413.21	299.37 9.49 -190.05	130.87 7.62 -32.00	131.60 8.01 -30.17	243.91 9.20 -127.91	403.35 9.20 -284.73	126.89 6.93 -36.90	138.78 7.39 -37.84	144.27 7.12 -49.44	190.43 4.63 -130.41	229.02 4.27 -173.39	144.34 5.44 -73.52	115.60 4.90 -53.86	107.63 5.13 -39.93	171.57 8.11 -65.36	195.83 5.93 -120.19
GOWANUS_GT3_5 24126	150.15 10.41 -23.92	146.58 10.00 -23.06	116.84 7.36 -23.08	134.13 7.99 -22.73	151.84 9.11 -22.86	197.64 11.37 -35.81	126.44 8.33 -21.33	124.95 8.12 -24.16	519.61 9.01 -413.21	299.37 9.49 -190.05	130.87 7.62 -32.00	131.60 8.01 -30.17	243.91 9.20 -127.91	403.35 9.20 -284.73	126.89 6.93 -36.90	138.78 7.39 -37.84	144.27 7.12 -49.44	190.43 4.63 -130.41	229.02 4.27 -173.39	144.34 5.44 -73.52	115.60 4.90 -53.86	107.63 5.13 -39.93	171.57 8.11 -65.36	195.83 5.93 -120.19
GOWANUS_GT3_6 24127	150.15 10.41 -23.92	146.58 10.00 -23.06	116.84 7.36 -23.08	134.13 7.99 -22.73	151.84 9.11 -22.86	197.64 11.37 -35.81	126.44 8.33 -21.33	124.95 8.12 -24.16	519.61 9.01 -413.21	299.37 9.49 -190.05	130.87 7.62 -32.00	131.60 8.01 -30.17	243.91 9.20 -127.91	403.35 9.20 -284.73	126.89 6.93 -36.90	138.78 7.39 -37.84	144.27 7.12 -49.44	190.43 4.63 -130.41	229.02 4.27 -173.39	144.34 5.44 -73.52	115.60 4.90 -53.86	107.63 5.13 -39.93	171.57 8.11 -65.36	195.83 5.93 -120.19
GOWANUS_GT3_7 24128	150.15 10.41 -23.92	146.58 10.00 -23.06	116.84 7.36 -23.08	134.13 7.99 -22.73	151.84 9.11 -22.86	197.64 11.37 -35.81	126.44 8.33 -21.33	124.95 8.12 -24.16	519.61 9.01 -413.21	299.37 9.49 -190.05	130.87 7.62 -32.00	131.60 8.01 -30.17	243.91 9.20 -127.91	403.35 9.20 -284.73	126.89 6.93 -36.90	138.78 7.39 -37.84	144.27 7.12 -49.44	190.43 4.63 -130.41	229.02 4.27 -173.39	144.34 5.44 -73.52	115.60 4.90 -53.86	107.63 5.13 -39.93	171.57 8.11 -65.36	195.83 5.93 -120.19
GOWANUS_GT3_8 24129	150.15 10.41 -23.92	146.58 10.00 -23.06	116.84 7.36 -23.08	134.13 7.99 -22.73	151.84 9.11 -22.86	197.64 11.37 -35.81	126.44 8.33 -21.33	124.95 8.12 -24.16	519.61 9.01 -413.21	299.37 9.49 -190.05	130.87 7.62 -32.00	131.60 8.01 -30.17	243.91 9.20 -127.91	403.35 9.20 -284.73	126.89 6.93 -36.90	138.78 7.39 -37.84	144.27 7.12 -49.44	190.43 4.63 -130.41	229.02 4.27 -173.39	144.34 5.44 -73.52	115.60 4.90 -53.86	107.63 5.13 -39.93	171.57 8.11 -65.36	195.83 5.93 -120.19
GOWANUS_GT4_1 24130	150.14 10.40 -23.92	146.57 9.99 -23.06	116.85 7.36 -23.08	134.12 7.98 -22.73	151.82 9.09 -22.86	197.61 11.34 -35.81	126.43 8.32 -21.33	124.96 8.13 -24.16	519.60 9.00 -413.21	299.35 9.48 -190.05	130.87 7.62 -32.00	131.59 8.00 -30.17	243.92 9.20 -127.91	403.33 9.19 -284.73	126.89 6.93 -36.90	138.77 7.38 -37.84	144.28 7.12 -49.44	190.43 4.64 -130.41	229.01 4.26 -173.39	144.34 5.44 -73.52	115.59 4.90 -53.86	107.63 5.14 -39.93	171.56 8.11 -65.36	195.83 5.93 -120.19
GOWANUS_GT4_2 24131	150.14 10.40 -23.92	146.57 9.99 -23.06	116.85 7.36 -23.08	134.12 7.98 -22.73	151.82 9.09 -22.86	197.61 11.34 -35.81	126.43 8.32 -21.33	124.96 8.13 -24.16	519.60 9.00 -413.21	299.35 9.48 -190.05	130.87 7.62 -32.00	131.59 8.00 -30.17	243.92 9.20 -127.91	403.33 9.19 -284.73	126.89 6.93 -36.90	138.77 7.38 -37.84	144.28 7.12 -49.44	190.43 4.64 -130.41	229.01 4.26 -173.39	144.34 5.44 -73.52	115.59 4.90 -53.86	107.63 5.14 -39.93	171.56 8.11 -65.36	195.83 5.93 -120.19

GOWANUS_GT4_3 24132	150.14 10.40 -23.92	146.57 9.99 -23.06	116.85 7.36 -23.08	134.12 7.98 -22.73	151.82 9.09 -22.86	197.61 11.34 -35.81	126.43 8.32 -21.33	124.96 8.13 -24.16	519.60 9.00 -413.21	299.35 9.48 -190.05	130.87 7.62 -32.00	131.59 8.00 -30.17	243.92 9.20 -127.91	403.33 9.19 -284.73	126.89 6.93 -36.90	138.77 7.38 -37.84	144.28 7.12 -49.44	190.43 4.64 -130.41	229.01 4.26 -173.39	144.34 5.44 -73.52	115.59 4.90 -53.86	107.63 5.14 -39.93	171.56 8.11 -65.36	195.83 5.93 -120.19
GOWANUS_GT4_4 24133	150.14 10.40 -23.92	146.57 9.99 -23.06	116.85 7.36 -23.08	134.12 7.98 -22.73	151.82 9.09 -22.86	197.61 11.34 -35.81	126.43 8.32 -21.33	124.96 8.13 -24.16	519.60 9.00 -413.21	299.35 9.48 -190.05	130.87 7.62 -32.00	131.59 8.00 -30.17	243.92 9.20 -127.91	403.33 9.19 -284.73	126.89 6.93 -36.90	138.77 7.38 -37.84	144.28 7.12 -49.44	190.43 4.64 -130.41	229.01 4.26 -173.39	144.34 5.44 -73.52	115.59 4.90 -53.86	107.63 5.14 -39.93	171.56 8.11 -65.36	195.83 5.93 -120.19
GOWANUS_GT4_5 24134	150.14 10.40 -23.92	146.57 9.99 -23.06	116.85 7.36 -23.08	134.12 7.98 -22.73	151.82 9.09 -22.86	197.61 11.34 -35.81	126.43 8.32 -21.33	124.96 8.13 -24.16	519.60 9.00 -413.21	299.35 9.48 -190.05	130.87 7.62 -32.00	131.59 8.00 -30.17	243.92 9.20 -127.91	403.33 9.19 -284.73	126.89 6.93 -36.90	138.77 7.38 -37.84	144.28 7.12 -49.44	190.43 4.64 -130.41	229.01 4.26 -173.39	144.34 5.44 -73.52	115.59 4.90 -53.86	107.63 5.14 -39.93	171.56 8.11 -65.36	195.83 5.93 -120.19
GOWANUS_GT4_6 24135	150.14 10.40 -23.92	146.57 9.99 -23.06	116.85 7.36 -23.08	134.12 7.98 -22.73	151.82 9.09 -22.86	197.61 11.34 -35.81	126.43 8.32 -21.33	124.96 8.13 -24.16	519.60 9.00 -413.21	299.35 9.48 -190.05	130.87 7.62 -32.00	131.59 8.00 -30.17	243.92 9.20 -127.91	403.33 9.19 -284.73	126.89 6.93 -36.90	138.77 7.38 -37.84	144.28 7.12 -49.44	190.43 4.64 -130.41	229.01 4.26 -173.39	144.34 5.44 -73.52	115.59 4.90 -53.86	107.63 5.14 -39.93	171.56 8.11 -65.36	195.83 5.93 -120.19
GOWANUS_GT4_7 24136	150.14 10.40 -23.92	146.57 9.99 -23.06	116.85 7.36 -23.08	134.12 7.98 -22.73	151.82 9.09 -22.86	197.61 11.34 -35.81	126.43 8.32 -21.33	124.96 8.13 -24.16	519.60 9.00 -413.21	299.35 9.48 -190.05	130.87 7.62 -32.00	131.59 8.00 -30.17	243.92 9.20 -127.91	403.33 9.19 -284.73	126.89 6.93 -36.90	138.77 7.38 -37.84	144.28 7.12 -49.44	190.43 4.64 -130.41	229.01 4.26 -173.39	144.34 5.44 -73.52	115.59 4.90 -53.86	107.63 5.14 -39.93	171.56 8.11 -65.36	195.83 5.93 -120.19
GOWANUS_GT4_8 24137	150.14 10.40 -23.92	146.57 9.99 -23.06	116.85 7.36 -23.08	134.12 7.98 -22.73	151.82 9.09 -22.86	197.61 11.34 -35.81	126.43 8.32 -21.33	124.96 8.13 -24.16	519.60 9.00 -413.21	299.35 9.48 -190.05	130.87 7.62 -32.00	131.59 8.00 -30.17	243.92 9.20 -127.91	403.33 9.19 -284.73	126.89 6.93 -36.90	138.77 7.38 -37.84	144.28 7.12 -49.44	190.43 4.64 -130.41	229.01 4.26 -173.39	144.34 5.44 -73.52	115.59 4.90 -53.86	107.63 5.14 -39.93	171.56 8.11 -65.36	195.83 5.93 -120.19
GREENBSH_115KV_TB3 55895	120.17 4.34 0.00	117.83 4.31 0.00	89.77 3.37 0.00	107.12 3.71 0.00	123.83 3.96 0.00	155.06 4.60 0.00	100.13 3.35 0.00	95.91 3.24 0.00	100.96 3.57 0.00	103.56 3.70 -0.04	95.27 4.02 0.00	99.39 4.26 -1.71	111.37 4.55 0.00	114.04 4.62 0.00	96.45 3.49 -9.89	131.16 3.74 -33.87	146.47 3.46 -55.29	221.65 2.21 -164.07	220.20 2.02 -166.83	167.10 2.57 -99.15	124.95 2.30 -65.82	153.13 2.53 -88.03	156.67 3.93 -54.65	162.39 2.55 -90.13
GREENDGE_115KV_TB5 80291	113.03 -2.80 0.00	110.58 -2.94 0.00	84.15 -2.26 0.00	100.59 -2.81 0.00	116.29 -3.59 0.00	145.82 -4.64 0.00	94.50 -2.28 0.00	90.61 -2.06 0.00	94.25 -3.13 0.00	96.09 -3.73 0.01	84.37 -3.34 3.54	98.72 -3.03 -8.33	107.20 -3.93 -4.31	95.31 -4.25 9.85	96.32 -2.70 -15.96	112.19 -2.96 -21.60	101.84 -2.43 -16.55	67.66 -1.26 -13.54	83.08 -1.10 -32.82	106.09 -1.91 -42.62	60.13 -1.37 -4.68	59.09 -1.92 1.56	88.44 -3.78 5.87	77.51 -2.43 -10.23
GREENIDGE___3 23582	113.03 -2.80 0.00	110.58 -2.94 0.00	84.15 -2.26 0.00	100.59 -2.81 0.00	116.29 -3.59 0.00	145.82 -4.64 0.00	94.50 -2.28 0.00	90.61 -2.06 0.00	94.25 -3.13 0.00	96.09 -3.73 0.01	84.37 -3.34 3.54	98.72 -3.03 -8.33	107.20 -3.93 -4.31	95.31 -4.25 9.85	96.32 -2.70 -15.96	112.19 -2.96 -21.60	101.84 -2.43 -16.55	67.66 -1.26 -13.54	83.08 -1.10 -32.82	106.09 -1.91 -42.62	60.13 -1.37 -4.68	59.09 -1.92 1.56	88.44 -3.78 5.87	77.51 -2.43 -10.23
GREENIDGE___4 23583	113.17 -2.79 -0.13	110.58 -2.94 0.00	84.18 -2.23 0.00	100.64 -2.77 0.00	116.29 -3.58 0.00	145.83 -4.63 0.00	94.50 -2.28 0.00	90.63 -2.04 0.00	94.32 -3.06 0.00	96.12 -3.69 0.01	84.37 -3.34 3.54	98.69 -3.06 -8.33	107.23 -3.89 -4.31	95.35 -4.21 9.85	96.32 -2.70 -15.96	112.18 -2.98 -21.60	101.85 -2.42 -16.55	67.67 -1.25 -13.54	83.07 -1.11 -32.82	106.08 -1.92 -42.62	60.12 -1.39 -4.68	58.99 -2.02 1.56	88.38 -3.84 5.87	77.49 -2.45 -10.23
GREENLWN_69_KV_BK 3 55738	135.74 11.09 -8.82	142.04 11.23 -17.28	94.64 8.24 0.00	112.29 8.89 0.00	130.00 10.13 0.00	163.12 12.66 0.00	147.31 9.36 -41.16	148.89 9.04 -47.18	125.56 9.77 -18.40	109.50 9.65 -0.04	99.42 8.18 0.00	103.17 8.35 -1.40	116.29 9.48 0.00	119.34 9.92 0.00	113.24 7.75 -22.42	126.69 7.99 -25.15	236.50 8.00 -140.78	176.39 5.08 -115.93	160.56 4.62 -104.58	150.43 5.97 -79.08	150.35 5.30 -88.22	135.13 5.62 -66.94	164.99 8.82 -58.07	149.42 6.18 -73.53
GREENWD_138_KV_38B11_REV_LBMP_J 345004	150.14 10.40 -23.92	146.57 9.99 -23.06	116.85 7.36 -23.08	134.12 7.98 -22.73	151.82 9.09 -22.86	197.61 11.34 -35.81	126.43 8.32 -21.33	124.96 8.13 -24.16	519.60 9.00 -413.21	299.35 9.48 -190.05	130.87 7.62 -32.00	131.59 8.00 -30.17	243.92 9.20 -127.91	403.33 9.19 -284.73	126.89 6.93 -36.90	138.77 7.38 -37.84	144.28 7.12 -49.44	190.43 4.64 -130.41	229.01 4.26 -173.39	144.34 5.44 -73.52	115.59 4.90 -53.86	107.63 5.14 -39.93	171.56 8.11 -65.36	195.83 5.93 -120.19
GRISSOM___SOLAR 323813	123.83 8.01 0.00	121.23 7.71 0.00	92.25 5.84 0.00	110.16 6.75 0.00	127.88 8.01 0.00	160.69 10.23 0.00	103.58 6.80 0.00	99.30 6.63 0.00	102.90 5.51 0.00	102.87 3.00 -0.05	93.02 1.78 0.00	97.57 2.25 -1.89	110.78 3.97 0.00	114.66 5.25 0.00	98.11 4.08 -10.96	139.82 5.50 -40.77	187.04 6.07 -93.25	286.74 4.02 -227.33	280.37 3.65 -225.36	192.80 4.61 -122.81	149.02 3.98 -88.22	209.84 4.21 -143.07	175.26 6.42 -70.75	174.47 4.48 -100.29
GROVEVILLE___HYD 323602	125.91 10.08 0.00	123.26 9.74 0.00	93.72 7.31 0.00	111.47 8.06 0.00	129.06 9.19 0.00	161.90 11.44 0.00	104.99 8.20 0.00	100.64 7.97 0.00	106.05 8.66 0.00	108.73 8.86 -0.04	98.75 7.51 0.00	102.59 7.76 -1.40	115.63 8.82 0.00	118.31 8.90 0.00	98.05 6.84 -8.14	126.35 7.52 -25.28	115.26 7.22 -20.33	159.19 4.67 -99.13	160.93 4.28 -105.29	142.00 5.42 -71.20	103.54 4.80 -41.91	104.27 5.14 -36.56	142.85 7.96 -36.79	149.21 5.66 -73.84
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	114.97 -0.86 0.00	112.52 -1.00 0.00	85.53 -0.88 0.00	102.15 -1.26 0.00	118.47 -1.40 0.00	148.79 -1.66 0.00	95.85 -0.93 0.00	91.71 -0.96 0.00	96.18 -1.21 0.00	98.54 -1.29 0.00	89.90 -1.34 0.00	92.47 -1.10 -0.14	105.56 -1.25 0.00	108.10 -1.32 0.00	82.96 -0.93 -0.82	94.84 -1.03 -2.32	87.07 -0.84 -0.20	62.26 -0.45 -7.33	59.03 -0.49 -8.17	70.95 -0.68 -6.25	59.38 -0.57 -3.12	62.78 -0.78 -0.99	99.66 -1.41 -2.98	76.19 -0.95 -7.43

HAMLTNNY_34_KV_TB 80303	115.12 -0.70 0.00	112.64 -0.89 0.00	85.60 -0.80 0.00	102.19 -1.22 0.00	118.54 -1.33 0.00	148.90 -1.56 0.00	95.90 -0.88 0.00	91.74 -0.94 0.00	96.21 -1.18 0.00	98.65 -1.17 0.00	89.99 -1.25 0.00	92.59 -0.98 -0.15	105.63 -1.18 0.00	108.11 -1.31 0.00	83.05 -0.89 -0.88	95.00 -1.02 -2.47	87.15 -0.78 -0.21	62.80 -0.39 -7.81	59.61 -0.45 -8.70	71.35 -0.68 -6.66	59.60 -0.55 -3.33	62.84 -0.78 -1.06	99.78 -1.49 -3.17	76.69 -0.93 -7.92
HAMPSHIRE___PAPER_HYD 323593	117.20 1.37 0.00	114.77 1.25 0.00	87.30 0.89 0.00	104.77 1.37 0.00	121.61 1.74 0.00	152.35 1.89 0.00	97.06 0.28 0.00	92.77 0.10 0.00	96.83 -0.56 0.00	98.73 -1.09 0.00	90.69 -0.55 0.00	93.04 -0.42 -0.04	106.04 -0.77 0.00	108.81 -0.60 0.00	82.91 -0.37 -0.21	94.01 -0.12 -0.58	87.48 -0.29 -0.05	56.83 -0.39 -1.84	52.86 -0.56 -2.06	66.56 -0.39 -1.57	57.05 -0.56 -0.79	61.98 -0.83 -0.25	97.77 -1.08 -0.75	70.67 -0.90 -1.87
HARDSCRABBLE_WT_PWR 323673	120.65 4.82 0.00	117.81 4.29 0.00	89.63 3.23 0.00	107.12 3.71 0.00	123.84 3.98 0.00	155.42 4.97 0.00	100.86 4.08 0.00	96.87 4.20 0.00	101.52 4.13 0.00	103.08 3.26 0.00	93.78 2.53 0.00	96.42 3.00 0.00	110.52 3.71 0.00	113.62 4.21 0.00	86.41 3.35 0.00	97.56 4.01 0.00	91.42 3.70 0.00	58.07 2.69 0.00	53.73 2.37 0.00	68.21 2.83 0.00	59.27 2.44 0.00	65.32 2.75 0.00	102.17 4.08 0.00	72.39 2.68 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	124.49 8.66 0.00	121.87 8.35 0.00	92.66 6.26 0.00	110.23 6.83 0.00	127.62 7.75 0.00	160.03 9.58 0.00	103.84 7.06 0.00	99.48 6.81 0.00	104.77 7.38 0.00	107.43 7.57 -0.03	97.54 6.30 0.00	101.20 6.46 -1.31	114.23 7.42 0.00	116.84 7.43 0.00	96.45 5.76 -7.62	123.56 6.36 -23.65	112.54 6.02 -18.80	151.81 3.94 -92.49	153.27 3.62 -98.30	136.53 4.57 -66.58	100.03 4.07 -39.13	100.77 4.31 -33.91	139.17 6.70 -34.38	143.65 4.80 -69.14
HARSNRAD_115KV_TB1 81005	106.29 -9.53 0.00	103.83 -9.69 0.00	78.52 -7.88 0.00	93.38 -10.03 0.00	109.06 -10.81 0.00	137.35 -13.10 0.00	87.15 -9.63 0.00	81.90 -10.78 0.00	84.58 -12.80 0.01	87.01 -12.81 0.00	70.90 -11.24 9.10	77.54 -10.01 5.87	88.09 -12.33 6.39	82.89 -12.19 14.33	63.80 -9.38 9.89	72.83 -10.89 9.83	68.05 -10.29 9.37	54.09 -6.61 -5.33	35.02 -6.39 9.95	46.85 -7.93 10.60	42.89 -6.32 7.62	48.90 -7.02 6.64	79.63 -10.45 8.01	71.32 -7.27 -8.88
HARZA MOOSE___RIVER 24016	120.14 4.31 0.00	117.67 4.15 0.00	89.50 3.09 0.00	107.09 3.68 0.00	124.29 4.42 0.00	156.05 5.59 0.00	100.33 3.55 0.00	95.88 3.21 0.00	99.73 2.34 0.00	101.52 1.69 0.00	92.79 1.54 0.00	95.26 1.80 -0.05	108.81 2.00 0.00	111.74 2.33 0.00	85.19 1.87 -0.26	96.82 2.53 -0.74	90.23 2.45 -0.06	59.17 1.47 -2.32	55.10 1.15 -2.59	69.13 1.77 -1.98	59.24 1.42 -0.99	63.96 1.08 -0.32	100.46 1.42 -0.94	72.56 0.50 -2.36
HDSNBRDG_115KV_BRDG_TB1 355580	114.10 -1.73 0.00	111.74 -1.78 0.00	84.92 -1.48 0.00	101.43 -1.98 0.00	117.63 -2.24 0.00	147.74 -2.72 0.00	95.14 -1.64 0.00	91.02 -1.65 0.00	95.44 -1.95 0.00	97.78 -2.05 0.00	89.22 -2.02 0.00	91.75 -1.80 -0.13	104.74 -2.08 0.00	107.30 -2.11 0.00	82.25 -1.56 -0.74	93.90 -1.75 -2.10	86.35 -1.55 -0.18	61.08 -0.93 -6.63	57.81 -0.93 -7.38	69.84 -1.19 -5.65	58.66 -0.99 -2.82	62.19 -1.27 -0.90	98.66 -2.13 -2.69	74.92 -1.51 -6.72
HELLGATE_13_KV_LD 55870	125.90 10.08 0.00	123.26 9.74 0.00	93.59 7.19 0.00	111.17 7.76 0.00	128.72 8.85 0.00	161.48 11.03 0.00	104.89 8.11 0.00	100.59 7.92 0.00	106.15 8.76 0.00	109.09 9.23 -0.04	98.69 7.44 0.00	102.57 7.74 -1.40	115.73 8.92 0.00	118.35 8.94 0.00	97.87 6.69 -8.11	125.85 7.14 -25.16	114.65 6.90 -20.03	158.27 4.44 -98.45	160.07 4.09 -104.62	141.47 5.25 -70.85	103.22 4.75 -41.65	103.66 4.99 -36.11	142.43 7.75 -36.58	148.85 5.59 -73.56
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	125.90 10.08 0.00	123.26 9.74 0.00	93.59 7.19 0.00	111.17 7.76 0.00	128.72 8.85 0.00	161.48 11.03 0.00	104.89 8.11 0.00	100.59 7.92 0.00	106.15 8.76 0.00	109.09 9.23 -0.04	98.69 7.44 0.00	102.57 7.74 -1.40	115.73 8.92 0.00	118.35 8.94 0.00	97.87 6.69 -8.11	125.85 7.14 -25.16	114.65 6.90 -20.03	158.27 4.44 -98.45	160.07 4.09 -104.62	141.47 5.25 -70.85	103.22 4.75 -41.65	103.66 4.99 -36.11	142.43 7.75 -36.58	148.85 5.59 -73.56
HEMPSTEAD____ 23647	135.33 10.68 -8.82	141.39 10.59 -17.28	94.18 7.78 0.00	111.75 8.34 0.00	129.38 9.51 0.00	162.38 11.92 0.00	146.77 8.83 -41.16	148.42 8.57 -47.18	125.12 9.33 -18.40	109.19 9.33 -0.04	99.09 7.85 0.00	102.86 8.04 -1.40	115.90 9.09 0.00	118.92 9.51 0.00	112.84 7.35 -22.42	126.45 7.74 -25.15	236.21 7.71 -140.78	176.26 4.95 -115.93	160.44 4.51 -104.58	150.25 5.79 -79.08	150.22 5.18 -88.22	134.98 5.47 -66.94	164.69 8.52 -58.07	149.22 5.98 -73.53
HEWLETT_69_KV_BK3 55828	135.90 11.25 -8.82	141.91 11.11 -17.28	94.54 8.14 0.00	112.20 8.79 0.00	129.91 10.04 0.00	163.04 12.59 0.00	147.20 9.26 -41.16	148.84 8.99 -47.18	125.49 9.70 -18.40	109.64 9.78 -0.04	99.56 8.31 0.00	103.43 8.61 -1.40	116.43 9.62 0.00	119.36 9.95 0.00	113.22 7.73 -22.42	126.91 8.21 -25.15	236.66 8.16 -140.78	176.52 5.21 -115.93	160.68 4.75 -104.58	150.54 6.09 -79.08	150.52 5.47 -88.22	135.31 5.80 -66.94	165.23 9.06 -58.07	149.58 6.33 -73.53
HICKLING___1 23621	113.65 -2.17 0.00	111.44 -2.08 0.00	84.46 -1.95 0.00	100.93 -2.48 0.00	116.91 -2.96 0.00	147.10 -3.36 0.00	94.69 -2.10 0.00	90.01 -2.66 0.00	94.29 -3.09 0.00	96.57 -3.25 0.01	80.17 -3.68 7.39	93.07 -3.19 -2.84	102.83 -3.71 0.27	90.57 -3.98 14.86	86.95 -2.58 -6.47	101.63 -3.10 -11.18	93.20 -2.72 -8.20	69.06 -1.79 -15.47	70.87 -1.69 -21.20	90.10 -2.10 -26.82	55.34 -1.86 -0.38	54.74 -2.64 5.19	83.95 -4.41 9.73	80.63 -3.02 -13.94
HICKLING___2 23622	113.65 -2.17 0.00	111.44 -2.08 0.00	84.46 -1.95 0.00	100.93 -2.48 0.00	116.91 -2.96 0.00	147.10 -3.36 0.00	94.69 -2.10 0.00	90.01 -2.66 0.00	94.29 -3.09 0.00	96.57 -3.25 0.01	80.17 -3.68 7.39	93.07 -3.19 -2.84	102.83 -3.71 0.27	90.57 -3.98 14.86	86.95 -2.58 -6.47	101.63 -3.10 -11.18	93.20 -2.72 -8.20	69.06 -1.79 -15.47	70.87 -1.69 -21.20	90.10 -2.10 -26.82	55.34 -1.86 -0.38	54.74 -2.64 5.19	83.95 -4.41 9.73	80.63 -3.02 -13.94
HIGH FALLS___HY 23754	126.25 10.43 0.00	123.53 10.01 0.00	93.88 7.47 0.00	111.66 8.25 0.00	129.33 9.46 0.00	162.29 11.84 0.00	105.28 8.50 0.00	100.96 8.29 0.00	106.39 9.00 0.00	108.92 9.06 -0.04	98.58 7.33 0.00	102.26 7.44 -1.40	115.19 8.38 0.00	117.57 8.16 0.00	97.49 6.32 -8.10	126.53 7.53 -25.45	117.97 7.27 -22.98	162.75 4.78 -102.59	164.10 4.44 -108.30	142.99 5.60 -72.01	104.83 4.95 -43.06	108.08 5.21 -40.30	143.67 8.06 -37.52	149.01 5.76 -73.54
HIGH_RIVER___SOLAR 323847	121.92 6.10 0.00	119.44 5.92 0.00	90.92 4.52 0.00	108.55 5.14 0.00	125.87 6.00 0.00	157.99 7.53 0.00	101.90 5.11 0.00	97.62 4.95 0.00	101.97 4.58 0.00	103.23 3.36 -0.05	93.57 2.33 0.00	97.77 2.52 -1.83	110.20 3.39 0.00	113.53 4.12 0.00	96.95 3.28 -10.60	138.10 4.28 -40.27	190.34 4.64 -97.98	289.43 3.03 -231.02	282.09 2.76 -227.97	191.00 3.48 -122.15	149.16 3.05 -89.28	215.34 3.26 -149.52	174.19 5.02 -71.07	170.39 3.57 -97.12

HILLBURN___GT 23639	124.16 8.34 0.00	121.57 8.05 0.00	92.38 5.97 0.00	109.93 6.52 0.00	127.18 7.31 0.00	159.51 9.06 0.00	103.56 6.78 0.00	99.18 6.51 0.00	104.48 7.09 0.00	107.21 7.35 -0.03	97.26 6.02 0.00	100.88 6.13 -1.33	113.78 6.97 0.00	116.39 6.98 0.00	96.20 5.40 -7.73	123.43 5.91 -23.97	112.37 5.59 -19.06	152.82 3.68 -93.75	154.40 3.40 -99.64	137.15 4.29 -67.48	100.33 3.84 -39.67	100.97 4.03 -34.37	139.26 6.33 -34.85	144.37 4.58 -70.08
HILLSIDE_115KV_TB1 80332	112.44 -3.38 0.00	110.26 -3.26 0.00	83.64 -2.76 0.00	100.15 -3.26 0.00	115.88 -3.99 0.00	145.68 -4.78 0.00	93.79 -2.99 0.00	89.32 -3.35 0.00	93.74 -3.65 0.00	96.04 -3.78 0.01	80.10 -4.12 7.03	92.38 -3.61 -2.56	102.26 -4.19 0.37	90.82 -4.53 14.06	86.06 -3.03 -6.03	100.47 -3.71 -10.63	91.97 -3.39 -7.65	69.89 -2.27 -16.79	71.30 -2.14 -22.09	89.19 -2.63 -26.44	55.71 -2.28 -1.17	55.62 -2.91 4.03	84.98 -4.76 8.36	81.34 -3.23 -14.87
HISHELDN_WT_PWR 323625	108.80 -6.87 0.15	106.42 -7.10 0.00	80.34 -6.06 0.00	95.44 -7.97 0.00	111.11 -8.77 0.00	139.87 -10.58 0.00	89.24 -7.54 0.00	83.96 -8.71 0.00	87.05 -10.34 0.00	89.45 -10.37 0.00	64.34 -9.71 17.20	69.31 -9.08 15.04	81.67 -10.87 14.27	72.50 -10.73 26.18	49.21 -8.03 25.83	55.44 -9.01 29.10	53.84 -8.11 25.78	48.31 -5.17 1.91	6.20 -5.08 40.07	15.99 -6.57 42.82	29.96 -5.54 21.33	33.28 -6.64 22.64	62.39 -10.25 25.45	71.40 -7.12 -8.81
HOLTSVILLE_IC_1 23690	138.56 13.91 -8.82	144.02 13.22 -17.28	96.19 9.79 0.00	114.16 10.75 0.00	132.35 12.48 0.00	166.52 16.07 0.00	149.78 11.84 -41.16	151.58 11.73 -47.18	128.25 12.46 -18.40	111.02 11.16 -0.04	101.00 9.75 0.00	104.45 9.63 -1.40	117.48 10.66 0.00	120.73 11.32 0.00	114.64 9.15 -22.42	127.28 8.58 -25.15	237.82 9.32 -140.78	177.17 5.86 -115.93	161.31 5.37 -104.58	151.57 7.12 -79.08	151.15 6.10 -88.22	135.37 5.86 -66.94	165.31 9.14 -58.07	149.66 6.42 -73.53
HOLTSVILLE_IC_10 23699	139.05 14.40 -8.82	144.49 13.69 -17.28	96.53 10.12 0.00	114.56 11.15 0.00	132.82 12.95 0.00	167.12 16.66 0.00	150.19 12.25 -41.16	151.98 12.12 -47.18	128.69 12.90 -18.40	111.44 11.58 -0.04	101.39 10.14 0.00	104.83 10.01 -1.40	117.90 11.08 0.00	121.16 11.75 0.00	114.98 9.49 -22.42	127.69 8.99 -25.15	238.21 9.72 -140.78	177.44 6.13 -115.93	161.54 5.61 -104.58	151.89 7.44 -79.08	151.42 6.38 -88.22	135.77 6.26 -66.94	165.93 9.76 -58.07	150.08 6.84 -73.53
HOLTSVILLE_IC_2 23691	138.56 13.91 -8.82	144.02 13.22 -17.28	96.19 9.79 0.00	114.16 10.75 0.00	132.35 12.48 0.00	166.52 16.07 0.00	149.78 11.84 -41.16	151.58 11.73 -47.18	128.25 12.46 -18.40	111.02 11.16 -0.04	101.00 9.75 0.00	104.45 9.63 -1.40	117.48 10.66 0.00	120.73 11.32 0.00	114.64 9.15 -22.42	127.28 8.58 -25.15	237.82 9.32 -140.78	177.17 5.86 -115.93	161.31 5.37 -104.58	151.57 7.12 -79.08	151.15 6.10 -88.22	135.37 5.86 -66.94	165.31 9.14 -58.07	149.66 6.42 -73.53
HOLTSVILLE_IC_3 23692	138.56 13.91 -8.82	144.02 13.22 -17.28	96.19 9.79 0.00	114.16 10.75 0.00	132.35 12.48 0.00	166.52 16.07 0.00	149.78 11.84 -41.16	151.58 11.73 -47.18	128.25 12.46 -18.40	111.02 11.16 -0.04	101.00 9.75 0.00	104.45 9.63 -1.40	117.48 10.66 0.00	120.73 11.32 0.00	114.64 9.15 -22.42	127.28 8.58 -25.15	237.82 9.32 -140.78	177.17 5.86 -115.93	161.31 5.37 -104.58	151.57 7.12 -79.08	151.15 6.10 -88.22	135.37 5.86 -66.94	165.31 9.14 -58.07	149.66 6.42 -73.53
HOLTSVILLE_IC_4 23693	138.56 13.91 -8.82	144.02 13.22 -17.28	96.19 9.79 0.00	114.16 10.75 0.00	132.35 12.48 0.00	166.52 16.07 0.00	149.78 11.84 -41.16	151.58 11.73 -47.18	128.25 12.46 -18.40	111.02 11.16 -0.04	101.00 9.75 0.00	104.45 9.63 -1.40	117.48 10.66 0.00	120.73 11.32 0.00	114.64 9.15 -22.42	127.28 8.58 -25.15	237.82 9.32 -140.78	177.17 5.86 -115.93	161.31 5.37 -104.58	151.57 7.12 -79.08	151.15 6.10 -88.22	135.37 5.86 -66.94	165.31 9.14 -58.07	149.66 6.42 -73.53
HOLTSVILLE_IC_5 23694	138.56 13.91 -8.82	144.02 13.22 -17.28	96.19 9.79 0.00	114.16 10.75 0.00	132.35 12.48 0.00	166.52 16.07 0.00	149.78 11.84 -41.16	151.58 11.73 -47.18	128.25 12.46 -18.40	111.02 11.16 -0.04	101.00 9.75 0.00	104.45 9.63 -1.40	117.48 10.66 0.00	120.73 11.32 0.00	114.64 9.15 -22.42	127.28 8.58 -25.15	237.82 9.32 -140.78	177.17 5.86 -115.93	161.31 5.37 -104.58	151.57 7.12 -79.08	151.15 6.10 -88.22	135.37 5.86 -66.94	165.31 9.14 -58.07	149.66 6.42 -73.53
HOLTSVILLE_IC_6 23695	139.05 14.40 -8.82	144.49 13.69 -17.28	96.53 10.12 0.00	114.56 11.15 0.00	132.82 12.95 0.00	167.12 16.66 0.00	150.19 12.25 -41.16	151.98 12.12 -47.18	128.69 12.90 -18.40	111.44 11.58 -0.04	101.39 10.14 0.00	104.83 10.01 -1.40	117.90 11.08 0.00	121.16 11.75 0.00	114.98 9.49 -22.42	127.69 8.99 -25.15	238.21 9.72 -140.78	177.44 6.13 -115.93	161.54 5.61 -104.58	151.89 7.44 -79.08	151.42 6.38 -88.22	135.77 6.26 -66.94	165.93 9.76 -58.07	150.08 6.84 -73.53
HOLTSVILLE_IC_7 23696	139.05 14.40 -8.82	144.49 13.69 -17.28	96.53 10.12 0.00	114.56 11.15 0.00	132.82 12.95 0.00	167.12 16.66 0.00	150.19 12.25 -41.16	151.98 12.12 -47.18	128.69 12.90 -18.40	111.44 11.58 -0.04	101.39 10.14 0.00	104.83 10.01 -1.40	117.90 11.08 0.00	121.16 11.75 0.00	114.98 9.49 -22.42	127.69 8.99 -25.15	238.21 9.72 -140.78	177.44 6.13 -115.93	161.54 5.61 -104.58	151.89 7.44 -79.08	151.42 6.38 -88.22	135.77 6.26 -66.94	165.93 9.76 -58.07	150.08 6.84 -73.53
HOLTSVILLE_IC_8 23697	139.05 14.40 -8.82	144.49 13.69 -17.28	96.53 10.12 0.00	114.56 11.15 0.00	132.82 12.95 0.00	167.12 16.66 0.00	150.19 12.25 -41.16	151.98 12.12 -47.18	128.69 12.90 -18.40	111.44 11.58 -0.04	101.39 10.14 0.00	104.83 10.01 -1.40	117.90 11.08 0.00	121.16 11.75 0.00	114.98 9.49 -22.42	127.69 8.99 -25.15	238.21 9.72 -140.78	177.44 6.13 -115.93	161.54 5.61 -104.58	151.89 7.44 -79.08	151.42 6.38 -88.22	135.77 6.26 -66.94	165.93 9.76 -58.07	150.08 6.84 -73.53
HOLTSVILLE_IC_9 23698	139.05 14.40 -8.82	144.49 13.69 -17.28	96.53 10.12 0.00	114.56 11.15 0.00	132.82 12.95 0.00	167.12 16.66 0.00	150.19 12.25 -41.16	151.98 12.12 -47.18	128.69 12.90 -18.40	111.44 11.58 -0.04	101.39 10.14 0.00	104.83 10.01 -1.40	117.90 11.08 0.00	121.16 11.75 0.00	114.98 9.49 -22.42	127.69 8.99 -25.15	238.21 9.72 -140.78	177.44 6.13 -115.93	161.54 5.61 -104.58	151.89 7.44 -79.08	151.42 6.38 -88.22	135.77 6.26 -66.94	165.93 9.76 -58.07	150.08 6.84 -73.53
HOMER_HL_115KV_TB2 355744	111.59 -4.24 0.00	109.18 -4.34 0.00	82.89 -3.51 0.00	98.69 -4.72 0.00	114.22 -5.65 0.00	143.24 -7.21 0.00	91.52 -5.26 0.00	86.52 -6.15 0.00	90.47 -6.92 0.00	92.68 -7.15 0.00	79.00 -6.51 5.74	86.68 -5.68 1.06	97.80 -6.70 2.31	92.98 -6.19 10.25	77.88 -4.35 0.83	89.96 -5.07 -1.47	82.74 -4.98 0.00	62.55 -3.87 -11.04	59.40 -3.95 -11.99	81.75 -5.09 -21.46	57.33 -4.10 -4.60	54.02 -4.41 4.14	85.89 -6.24 5.96	76.15 -4.79 -11.23
HOWARD_WT_PWR 323690	112.72 -3.10 0.00	110.31 -3.21 0.00	83.31 -3.10 0.00	98.54 -4.87 0.00	114.35 -5.52 0.00	144.18 -6.27 0.00	92.26 -4.52 0.00	86.78 -5.89 0.00	91.01 -6.38 0.00	92.76 -7.06 0.01	88.50 -7.68 -4.93	103.05 -7.78 -17.41	110.23 -8.91 -12.34	104.72 -7.13 -2.44	111.09 -4.21 -32.23	130.49 -4.74 -41.68	117.34 -4.05 -33.68	76.51 -2.79 -23.92	115.56 -2.60 -66.80	140.30 -3.24 -78.16	73.75 -3.58 -20.50	69.09 -6.19 -12.71	97.28 -10.28 -9.46	75.43 -7.05 -12.77

HQ_GEN_CEDARS 23644	114.07 -1.75 0.00	111.85 -1.67 0.00	85.12 -1.29 0.00	102.47 -0.94 0.00	118.90 -0.98 0.00	149.21 -1.25 0.00	94.98 -1.80 0.00	91.02 -1.65 0.00	96.22 -1.17 0.00	98.65 -1.17 0.00	90.34 -0.90 0.00	92.31 -1.11 0.00	105.36 -1.45 0.00	108.06 -1.36 0.00	81.86 -1.20 0.00	92.17 -1.39 0.00	86.24 -1.48 0.00	54.32 -1.06 0.00	50.36 -0.99 0.00	64.23 -1.14 0.00	55.62 -1.21 0.00	61.43 -1.14 0.00	96.53 -1.56 0.00	68.81 -0.90 0.00
HQ_GEN_CEDARS_PROXY 323590	114.07 -1.75 0.00	111.86 -1.66 0.00	85.12 -1.29 0.00	102.47 -0.94 0.00	118.89 -0.98 0.00	149.21 -1.25 0.00	94.98 -1.80 0.00	91.02 -1.65 0.00	96.22 -1.16 0.00	98.65 -1.18 0.00	90.34 -0.90 0.00	92.34 -1.09 0.00	105.38 -1.43 0.00	108.05 -1.37 0.00	81.87 -1.20 0.00	92.18 -1.37 0.00	86.24 -1.48 0.00	54.32 -1.06 0.00	50.37 -0.99 0.00	64.24 -1.14 0.00	55.63 -1.20 0.00	61.45 -1.12 0.00	96.54 -1.55 0.00	68.83 -0.88 0.00
HQ_GEN_IMPORT 323601	113.48 -2.35 0.00	111.34 -2.18 0.00	84.81 -1.59 0.00	102.09 -1.31 0.00	118.41 -1.46 0.00	148.72 -1.74 0.00	95.14 -1.65 0.00	91.19 -1.48 0.00	95.96 -1.43 0.00	98.49 -1.34 0.00	90.21 -1.03 0.00	92.06 -1.36 0.00	105.34 -1.48 0.00	107.88 -1.53 0.00	81.76 -1.31 0.00	92.15 -1.40 0.00	86.38 -1.34 0.00	54.49 -0.89 0.00	50.59 -0.77 0.00	64.40 -0.98 0.00	55.85 -0.98 0.00	61.67 -0.90 0.00	96.78 -1.31 0.00	68.79 -0.92 0.00
HQ_GEN_WHEEL 23651	113.48 -2.35 0.00	111.34 -2.18 0.00	84.81 -1.59 0.00	102.09 -1.31 0.00	118.41 -1.46 0.00	148.72 -1.74 0.00	95.14 -1.65 0.00	91.19 -1.48 0.00	95.96 -1.43 0.00	98.49 -1.34 0.00	90.21 -1.03 0.00	92.06 -1.36 0.00	105.34 -1.48 0.00	107.88 -1.53 0.00	81.76 -1.31 0.00	92.15 -1.40 0.00	86.38 -1.34 0.00	54.49 -0.89 0.00	50.59 -0.77 0.00	64.40 -0.98 0.00	55.85 -0.98 0.00	61.67 -0.90 0.00	96.78 -1.31 0.00	68.79 -0.92 0.00
HUDSON AVE_GT_3 23810	126.06 10.23 0.00	123.36 9.84 0.00	93.67 7.26 0.00	111.26 7.85 0.00	128.79 8.92 0.00	161.60 11.15 0.00	104.91 8.13 0.00	100.64 7.97 0.00	106.16 8.78 0.00	109.16 9.30 -0.04	98.77 7.53 0.00	102.59 7.77 -1.40	115.80 8.98 0.00	118.44 9.03 0.00	98.01 6.83 -8.11	125.90 7.19 -25.16	114.73 6.98 -20.03	158.31 4.48 -98.44	160.07 4.10 -104.61	141.43 5.21 -70.84	103.18 4.70 -41.65	103.63 4.96 -36.11	142.43 7.76 -36.58	148.86 5.60 -73.56
HUDSON AVE_GT_4 23540	126.06 10.23 0.00	123.36 9.84 0.00	93.67 7.26 0.00	111.26 7.85 0.00	128.79 8.92 0.00	161.60 11.15 0.00	104.91 8.13 0.00	100.64 7.97 0.00	106.16 8.78 0.00	109.16 9.30 -0.04	98.77 7.53 0.00	102.59 7.77 -1.40	115.80 8.98 0.00	118.44 9.03 0.00	98.01 6.83 -8.11	125.90 7.19 -25.16	114.73 6.98 -20.03	158.31 4.48 -98.44	160.07 4.10 -104.61	141.43 5.21 -70.84	103.18 4.70 -41.65	103.63 4.96 -36.11	142.43 7.76 -36.58	148.86 5.60 -73.56
HUDSON AVE_GT_5 23657	126.06 10.23 0.00	123.36 9.84 0.00	93.67 7.26 0.00	111.26 7.85 0.00	128.79 8.92 0.00	161.60 11.15 0.00	104.91 8.13 0.00	100.64 7.97 0.00	106.16 8.78 0.00	109.16 9.30 -0.04	98.77 7.53 0.00	102.59 7.77 -1.40	115.80 8.98 0.00	118.44 9.03 0.00	98.01 6.83 -8.11	125.90 7.19 -25.16	114.73 6.98 -20.03	158.31 4.48 -98.44	160.07 4.10 -104.61	141.43 5.21 -70.84	103.18 4.70 -41.65	103.63 4.96 -36.11	142.43 7.76 -36.58	148.86 5.60 -73.56
HUDSON_AVE_10 24168	125.74 9.91 0.00	123.04 9.52 0.00	93.46 7.05 0.00	110.97 7.56 0.00	128.43 8.56 0.00	161.18 10.72 0.00	104.64 7.85 0.00	100.40 7.72 0.00	105.90 8.51 0.00	108.86 9.00 -0.04	98.50 7.26 0.00	102.30 7.48 -1.40	115.58 8.76 0.00	118.16 8.75 0.00	97.81 6.63 -8.11	125.64 6.93 -25.16	114.51 6.76 -20.03	158.15 4.32 -98.44	159.94 3.97 -104.61	141.24 5.02 -70.84	103.03 4.55 -41.65	103.46 4.78 -36.11	142.16 7.48 -36.58	148.65 5.39 -73.56
HUDSON___115KV_TB 4 355613	122.79 6.96 0.00	120.38 6.86 0.00	91.71 5.31 0.00	109.46 6.05 0.00	126.64 6.77 0.00	158.69 8.23 0.00	102.49 5.70 0.00	98.26 5.59 0.00	103.39 6.00 0.00	105.47 5.61 -0.04	96.40 5.15 0.00	100.37 5.28 -1.67	112.41 5.60 0.00	115.84 6.43 0.00	97.50 4.76 -9.68	131.24 5.27 -32.43	140.45 5.51 -47.23	209.73 3.63 -150.72	209.16 3.32 -154.48	163.70 4.17 -94.16	121.51 3.63 -61.05	142.79 3.87 -76.35	155.36 6.04 -51.23	161.79 4.01 -88.08
HUNTER MOUNT___DRP 323613	123.55 7.72 0.00	121.12 7.60 0.00	92.29 5.89 0.00	110.19 6.78 0.00	127.48 7.61 0.00	159.82 9.37 0.00	103.19 6.41 0.00	98.96 6.29 0.00	104.15 6.77 0.00	106.13 6.27 -0.04	97.00 5.76 0.00	100.90 5.85 -1.63	113.07 6.25 0.00	116.56 7.15 0.00	97.88 5.36 -9.45	130.75 5.95 -31.25	136.02 6.18 -42.12	200.92 4.06 -141.48	200.84 3.71 -145.77	160.30 4.63 -90.29	118.50 4.01 -57.67	135.69 4.28 -68.85	153.45 6.63 -48.73	160.06 4.40 -85.96
HUNTINGTON_RES_REC 323705	136.99 12.34 -8.82	143.07 12.27 -17.28	95.43 9.02 0.00	113.21 9.80 0.00	131.14 11.26 0.00	164.71 14.26 0.00	148.47 10.53 -41.16	150.11 10.26 -47.18	126.80 11.01 -18.40	110.29 10.43 -0.04	100.19 8.95 0.00	103.81 8.99 -1.40	116.90 10.09 0.00	120.10 10.69 0.00	113.96 8.48 -22.42	127.11 8.40 -25.15	237.23 8.73 -140.78	176.80 5.48 -115.93	160.96 5.02 -104.58	151.04 6.58 -79.08	150.81 5.76 -88.22	135.44 5.94 -66.94	165.46 9.30 -58.07	149.73 6.49 -73.53
HUNTLEY___63 23557	107.69 -8.14 0.00	105.11 -8.41 0.00	79.46 -6.94 0.00	94.46 -8.95 0.00	110.27 -9.60 0.00	138.90 -11.56 0.00	88.24 -8.54 0.00	83.08 -9.59 0.00	85.89 -11.50 0.00	88.36 -11.47 0.00	74.25 -9.91 7.08	80.41 -8.56 4.46	91.40 -10.60 4.82	87.58 -10.37 11.46	68.06 -7.95 7.06	77.77 -9.28 6.50	72.50 -8.77 6.45	56.44 -5.64 -6.70	41.01 -5.48 4.87	51.77 -6.82 6.79	46.02 -5.42 5.38	49.04 -6.25 7.27	80.01 -9.33 8.75	72.42 -6.42 -9.14
HUNTLEY___64 23558	107.69 -8.14 0.00	105.11 -8.41 0.00	79.46 -6.94 0.00	94.46 -8.95 0.00	110.27 -9.60 0.00	138.90 -11.56 0.00	88.24 -8.54 0.00	83.08 -9.59 0.00	85.89 -11.50 0.00	88.36 -11.47 0.00	74.25 -9.91 7.08	80.41 -8.56 4.46	91.40 -10.60 4.82	87.58 -10.37 11.46	68.06 -7.95 7.06	77.77 -9.28 6.50	72.50 -8.77 6.45	56.44 -5.64 -6.70	41.01 -5.48 4.87	51.77 -6.82 6.79	46.02 -5.42 5.38	49.04 -6.25 7.27	80.01 -9.33 8.75	72.42 -6.42 -9.14
HUNTLEY___65 23559	107.69 -8.14 0.00	105.11 -8.41 0.00	79.46 -6.94 0.00	94.46 -8.95 0.00	110.27 -9.60 0.00	138.90 -11.56 0.00	88.24 -8.54 0.00	83.08 -9.59 0.00	85.89 -11.50 0.00	88.36 -11.47 0.00	74.25 -9.91 7.08	80.41 -8.56 4.46	91.40 -10.60 4.82	87.58 -10.37 11.46	68.06 -7.95 7.06	77.77 -9.28 6.50	72.50 -8.77 6.45	56.44 -5.64 -6.70	41.01 -5.48 4.87	51.77 -6.82 6.79	46.02 -5.42 5.38	49.04 -6.25 7.27	80.01 -9.33 8.75	72.42 -6.42 -9.14
HUNTLEY___66 23560	107.69 -8.14 0.00	105.11 -8.41 0.00	79.46 -6.94 0.00	94.46 -8.95 0.00	110.27 -9.60 0.00	138.90 -11.56 0.00	88.24 -8.54 0.00	83.08 -9.59 0.00	85.89 -11.50 0.00	88.36 -11.47 0.00	74.25 -9.91 7.08	80.41 -8.56 4.46	91.40 -10.60 4.82	87.58 -10.37 11.46	68.06 -7.95 7.06	77.77 -9.28 6.50	72.50 -8.77 6.45	56.44 -5.64 -6.70	41.01 -5.48 4.87	51.77 -6.82 6.79	46.02 -5.42 5.38	49.04 -6.25 7.27	80.01 -9.33 8.75	72.42 -6.42 -9.14



HUNTLEY___67 23561	107.78 -8.05 0.00	105.27 -8.25 0.00	79.61 -6.79 0.00	94.60 -8.80 0.00	110.39 -9.48 0.00	138.92 -11.54 0.00	88.33 -8.45 0.00	83.15 -9.52 0.00	85.97 -11.41 0.00	88.40 -11.43 0.00	72.99 -10.14 8.11	78.90 -9.10 5.42	89.98 -11.12 5.71	85.39 -11.06 12.97	65.77 -8.52 8.78	75.20 -9.81 8.55	70.28 -9.22 8.21	55.43 -5.95 -6.00	37.39 -5.80 8.17	47.66 -7.28 10.43	43.89 -5.85 7.09	47.34 -6.75 8.47	77.94 -10.08 10.07	72.03 -6.86 -9.19
HUNTLEY___68 23562	107.78 -8.05 0.00	105.27 -8.25 0.00	79.61 -6.79 0.00	94.60 -8.80 0.00	110.39 -9.48 0.00	138.92 -11.54 0.00	88.33 -8.45 0.00	83.15 -9.52 0.00	85.97 -11.41 0.00	88.40 -11.43 0.00	72.99 -10.14 8.11	78.90 -9.10 5.42	89.98 -11.12 5.71	85.39 -11.06 12.97	65.77 -8.52 8.78	75.20 -9.81 8.55	70.28 -9.22 8.21	55.43 -5.95 -6.00	37.39 -5.80 8.17	47.66 -7.28 10.43	43.89 -5.85 7.09	47.34 -6.75 8.47	77.94 -10.08 10.07	72.03 -6.86 -9.19
HYLAND___LFGE 323620	111.41 -4.41 0.00	108.89 -4.63 0.00	82.66 -3.74 0.00	98.27 -5.14 0.00	113.87 -6.00 0.00	142.95 -7.50 0.00	92.95 -3.83 0.00	88.31 -4.36 0.00	91.98 -5.40 0.00	94.14 -5.68 0.00	97.10 -5.00 -10.85	114.28 1.49 -19.37	120.27 -1.68 -15.14	119.57 -2.60 -12.75	116.35 -2.23 -35.51	137.48 -1.54 -45.47	124.40 -0.43 -37.11	82.46 0.24 -26.85	126.29 0.19 -74.73	145.79 0.26 -80.16	83.94 0.13 -26.99	83.23 -0.86 -21.52	117.45 -1.67 -21.02	81.04 -1.18 -12.52
INDECK___CORINTH 23802	125.97 10.15 0.00	123.34 9.82 0.00	94.28 7.88 0.00	112.41 9.00 0.00	130.40 10.53 0.00	163.72 13.26 0.00	106.11 9.33 0.00	101.77 9.10 0.00	107.04 9.65 0.00	108.89 9.02 -0.04	99.21 7.96 0.00	103.34 8.15 -1.77	116.20 9.39 0.00	119.19 9.78 0.00	101.02 7.70 -10.26	141.66 9.17 -38.95	191.00 8.93 -94.36	283.91 5.61 -222.92	276.55 5.11 -220.08	189.89 6.41 -118.11	148.78 5.66 -86.29	212.84 6.21 -144.07	176.42 9.62 -68.71	170.56 6.89 -93.97
INDECK___ILION 23567	119.12 3.29 0.00	116.57 3.05 0.00	88.72 2.32 0.00	105.97 2.57 0.00	122.68 2.81 0.00	154.00 3.54 0.00	99.56 2.78 0.00	95.42 2.75 0.00	100.08 2.69 0.00	102.04 2.21 0.00	93.05 1.81 0.00	95.49 2.07 0.00	109.33 2.52 0.00	112.22 2.81 0.00	85.30 2.23 0.00	96.24 2.69 0.00	90.21 2.49 0.00	57.08 1.70 0.00	52.88 1.52 0.00	67.25 1.88 0.00	58.46 1.63 0.00	64.38 1.81 0.00	100.82 2.72 0.00	71.52 1.81 0.00
INDECK___OLEAN 23982	111.06 -4.28 0.48	109.13 -4.40 0.00	82.87 -3.53 0.00	98.66 -4.75 0.00	114.15 -5.73 0.00	143.16 -7.30 0.00	91.46 -5.32 0.00	86.46 -6.20 0.00	90.39 -6.99 0.00	92.58 -7.24 0.00	79.01 -6.49 5.74	86.59 -5.78 1.06	97.59 -6.91 2.31	92.95 -6.21 10.25	77.89 -4.34 0.83	89.90 -5.12 -1.47	82.74 -4.97 0.00	62.54 -3.88 -11.04	59.39 -3.96 -11.99	81.74 -5.09 -21.46	57.33 -4.10 -4.60	54.02 -4.42 4.14	85.77 -6.36 5.96	76.12 -4.82 -11.23
INDECK___OSWEGO 23783	111.88 -3.94 0.00	109.55 -3.97 0.00	83.29 -3.11 0.00	99.48 -3.93 0.00	115.34 -4.53 0.00	144.86 -5.59 0.00	93.28 -3.51 0.00	89.23 -3.45 0.00	93.53 -3.86 0.00	95.76 -4.06 0.00	87.48 -3.76 0.00	89.92 -3.61 -0.11	102.59 -4.22 0.00	105.04 -4.37 0.00	80.48 -3.21 -0.62	91.72 -3.59 -1.75	84.60 -3.27 -0.15	58.92 -2.01 -5.55	55.61 -1.93 -6.18	67.73 -2.38 -4.73	57.17 -2.02 -2.36	61.21 -2.10 -0.75	97.18 -3.17 -2.25	73.05 -2.28 -5.62
INDECK___YERKES 23781	107.26 -8.25 0.31	104.95 -8.57 0.00	79.38 -7.02 0.00	94.35 -9.05 0.00	110.14 -9.73 0.00	138.72 -11.74 0.00	88.14 -8.64 0.00	82.98 -9.69 0.00	85.74 -11.65 0.00	88.25 -11.57 0.00	74.26 -9.90 7.08	80.34 -8.63 4.46	91.30 -10.69 4.82	87.62 -10.34 11.46	68.13 -7.88 7.06	77.82 -9.23 6.50	72.60 -8.67 6.45	56.49 -5.59 -6.70	41.05 -5.44 4.87	51.79 -6.80 6.79	46.06 -5.39 5.38	49.10 -6.19 7.27	80.07 -9.27 8.75	72.46 -6.38 -9.14
INDIAN POINT_GT_1 24139	124.42 8.60 0.00	121.82 8.30 0.00	92.56 6.16 0.00	110.03 6.62 0.00	127.40 7.53 0.00	159.77 9.31 0.00	103.68 6.89 0.00	99.36 6.68 0.00	104.69 7.31 0.00	107.44 7.58 -0.03	97.51 6.27 0.00	101.25 6.44 -1.38	114.19 7.37 0.00	116.81 7.39 0.00	96.79 5.70 -8.03	124.57 6.12 -24.90	113.43 5.88 -19.82	156.62 3.82 -97.43	158.41 3.51 -103.53	139.94 4.45 -70.11	102.04 3.99 -41.22	102.52 4.22 -35.74	140.91 6.61 -36.21	147.29 4.78 -72.80
INDIAN POINT_GT_2 23659	124.42 8.60 0.00	121.82 8.30 0.00	92.56 6.16 0.00	110.03 6.62 0.00	127.40 7.53 0.00	159.77 9.31 0.00	103.68 6.89 0.00	99.36 6.68 0.00	104.69 7.31 0.00	107.44 7.58 -0.03	97.51 6.27 0.00	101.25 6.44 -1.38	114.19 7.37 0.00	116.81 7.39 0.00	96.79 5.70 -8.03	124.57 6.12 -24.90	113.43 5.88 -19.82	156.62 3.82 -97.43	158.41 3.51 -103.53	139.94 4.45 -70.11	102.04 3.99 -41.22	102.52 4.22 -35.74	140.91 6.61 -36.21	147.29 4.78 -72.80
INDIAN POINT_GT_3 24019	124.42 8.60 0.00	121.82 8.30 0.00	92.56 6.16 0.00	110.03 6.62 0.00	127.40 7.53 0.00	159.77 9.31 0.00	103.68 6.89 0.00	99.36 6.68 0.00	104.69 7.31 0.00	107.44 7.58 -0.03	97.51 6.27 0.00	101.25 6.44 -1.38	114.19 7.37 0.00	116.81 7.39 0.00	96.79 5.70 -8.03	124.57 6.12 -24.90	113.43 5.88 -19.82	156.62 3.82 -97.43	158.41 3.51 -103.53	139.94 4.45 -70.11	102.04 3.99 -41.22	102.52 4.22 -35.74	140.91 6.61 -36.21	147.29 4.78 -72.80
INDIAN POINT___2 23530	124.20 8.38 0.00	121.63 8.11 0.00	92.42 6.01 0.00	109.91 6.51 0.00	127.19 7.32 0.00	159.52 9.07 0.00	103.53 6.75 0.00	99.18 6.51 0.00	104.50 7.11 0.00	107.25 7.39 -0.03	97.30 6.06 0.00	101.00 6.21 -1.36	113.91 7.10 0.00	116.53 7.12 0.00	96.48 5.49 -7.92	124.04 5.93 -24.56	112.92 5.66 -19.54	155.17 3.70 -96.09	156.88 3.40 -102.12	138.83 4.29 -69.16	101.34 3.85 -40.65	101.86 4.06 -35.24	140.20 6.39 -35.71	146.14 4.61 -71.82
INDIAN POINT___3 23531	124.25 8.42 0.00	121.64 8.12 0.00	92.46 6.06 0.00	109.92 6.52 0.00	127.25 7.38 0.00	159.57 9.11 0.00	103.56 6.78 0.00	99.22 6.55 0.00	104.58 7.19 0.00	107.28 7.42 -0.03	97.37 6.13 0.00	101.11 6.31 -1.38	113.99 7.18 0.00	116.61 7.20 0.00	96.67 5.56 -8.03	124.47 6.00 -24.92	113.28 5.72 -19.84	156.60 3.72 -97.50	158.39 3.42 -103.61	139.86 4.32 -70.16	101.96 3.88 -41.25	102.45 4.12 -35.76	140.77 6.44 -36.23	147.20 4.65 -72.85
INGHAM_C_115KV_TB7 356103	121.61 5.79 0.00	118.86 5.34 0.00	90.45 4.05 0.00	107.99 4.58 0.00	124.78 4.91 0.00	156.58 6.13 0.00	101.72 4.94 0.00	97.70 5.03 0.00	102.22 4.83 0.00	103.50 3.67 0.00	94.07 2.82 0.00	96.76 3.34 0.00	111.01 4.20 0.00	114.24 4.82 0.00	86.97 3.91 0.00	98.39 4.84 0.00	92.20 4.48 0.00	58.52 3.14 0.00	54.17 2.81 0.00	68.78 3.40 0.00	59.78 2.95 0.00	65.93 3.37 0.00	103.15 5.05 0.00	73.08 3.37 0.00
IP CORINTH___1 23988	125.97 10.14 0.00	123.34 9.82 0.00	94.28 7.88 0.00	112.41 9.00 0.00	130.41 10.54 0.00	163.72 13.26 0.00	106.11 9.32 0.00	101.77 9.10 0.00	107.04 9.65 0.00	108.89 9.02 -0.04	99.21 7.97 0.00	103.34 8.15 -1.77	116.21 9.40 0.00	119.18 9.77 0.00	101.02 7.70 -10.26	141.67 9.17 -38.95	191.00 8.93 -94.36	283.92 5.62 -222.92	276.55 5.11 -220.08	189.90 6.41 -118.11	148.78 5.66 -86.29	212.84 6.21 -144.07	176.42 9.62 -68.71	170.57 6.89 -93.97

IP__TICONDEROGA 23804	130.46 14.63 0.00	127.32 13.80 0.00	97.49 11.08 0.00	115.77 12.36 0.00	134.22 14.35 0.00	168.55 18.10 0.00	110.34 13.56 0.00	105.81 13.14 0.00	111.68 14.30 0.00	112.52 12.65 -0.04	102.76 11.52 0.00	107.13 11.94 -1.77	120.35 13.54 0.00	122.82 13.41 0.00	104.01 10.71 -10.24	145.98 13.66 -38.77	194.29 13.42 -93.14	284.90 8.49 -221.03	277.40 7.69 -218.35	192.52 9.68 -117.46	151.06 8.61 -85.63	214.31 9.42 -142.32	181.00 14.66 -68.24	173.85 10.36 -93.78
ISLIP_RES_REC 323679	139.51 14.86 -8.82	144.94 14.14 -17.28	96.86 10.45 0.00	114.96 11.55 0.00	133.29 13.42 0.00	167.72 17.26 0.00	150.59 12.65 -41.16	152.38 12.53 -47.18	129.10 13.31 -18.40	111.85 11.99 -0.04	101.69 10.45 0.00	105.17 10.35 -1.40	118.26 11.45 0.00	121.54 12.13 0.00	115.29 9.81 -22.42	128.06 9.36 -25.15	238.61 10.11 -140.78	177.70 6.38 -115.93	161.80 5.86 -104.58	152.21 7.75 -79.08	151.70 6.66 -88.22	136.07 6.56 -66.94	166.37 10.20 -58.07	150.39 7.15 -73.53
JAMAICA__27_KV_LOAD 355505	126.69 10.86 0.00	123.98 10.46 0.00	94.17 7.76 0.00	111.74 8.33 0.00	129.23 9.36 0.00	162.39 11.93 0.00	105.36 8.58 0.00	101.16 8.48 0.00	106.66 9.27 0.00	109.62 9.76 -0.04	99.23 7.99 0.00	102.93 8.11 -1.40	116.70 9.89 0.00	119.08 9.66 0.00	98.62 7.44 -8.11	126.41 7.70 -25.16	115.30 7.55 -20.03	158.65 4.82 -98.44	160.41 4.44 -104.61	141.78 5.56 -70.84	103.49 5.01 -41.65	103.96 5.28 -36.11	142.88 8.20 -36.58	149.17 5.90 -73.56
JANIS__SOLAR 323808	122.29 6.38 -0.08	119.72 6.20 0.00	90.89 4.49 0.00	108.52 5.11 0.00	125.83 5.96 0.00	158.25 7.79 0.00	102.06 5.28 0.00	98.02 5.35 0.00	102.43 5.04 0.00	104.25 4.40 -0.02	104.46 3.10 -10.12	98.32 3.26 -1.63	113.66 3.46 -3.39	132.59 4.69 -18.49	90.98 3.48 -4.43	108.27 4.17 -10.55	104.33 4.54 -12.08	100.85 3.07 -42.40	102.39 2.40 -48.63	92.60 2.75 -24.47	86.69 2.39 -27.48	96.64 2.18 -31.90	134.65 2.61 -33.96	96.20 1.86 -24.64
JARVIS____ 23743	117.10 1.28 0.00	114.73 1.21 0.00	87.34 0.93 0.00	104.33 0.92 0.00	120.95 1.08 0.00	151.76 1.30 0.00	97.81 1.02 0.00	93.53 0.86 0.00	98.28 0.89 0.00	100.63 0.80 0.00	91.98 0.73 0.00	94.25 0.83 0.00	107.77 0.96 0.00	110.40 0.99 0.00	83.89 0.83 0.00	94.46 0.91 0.00	88.51 0.79 0.00	55.87 0.49 0.00	51.81 0.45 0.00	65.96 0.59 0.00	57.34 0.51 0.00	63.13 0.57 0.00	98.98 0.88 0.00	70.28 0.57 0.00
JENNISON__1 23625	123.31 7.49 0.00	120.76 7.24 0.00	91.68 5.27 0.00	109.47 6.06 0.00	126.74 6.87 0.00	159.36 8.90 0.00	102.91 6.12 0.00	98.79 6.12 0.00	103.33 5.94 0.00	105.60 5.76 -0.02	97.92 4.77 -1.90	98.51 4.60 -0.49	111.65 4.35 -0.48	118.36 5.38 -3.57	90.29 4.40 -2.82	107.81 4.88 -9.38	103.94 4.55 -11.66	101.14 3.00 -42.76	97.95 1.93 -44.66	94.05 2.18 -26.50	78.14 1.83 -19.48	86.38 1.53 -22.29	118.14 1.33 -18.72	97.51 1.19 -26.61
JENNISON__2 23626	123.31 7.49 0.00	120.76 7.24 0.00	91.68 5.27 0.00	109.47 6.06 0.00	126.74 6.87 0.00	159.36 8.90 0.00	102.91 6.12 0.00	98.79 6.12 0.00	103.33 5.94 0.00	105.60 5.76 -0.02	97.92 4.77 -1.90	98.51 4.60 -0.49	111.65 4.35 -0.48	118.36 5.38 -3.57	90.29 4.40 -2.82	107.81 4.88 -9.38	103.94 4.55 -11.66	101.14 3.00 -42.76	97.95 1.93 -44.66	94.05 2.18 -26.50	78.14 1.83 -19.48	86.38 1.53 -22.29	118.14 1.33 -18.72	97.51 1.19 -26.61
JERICHO_RISE_WT_PWR 323719	113.96 -1.86 0.00	111.58 -1.94 0.00	85.28 -1.13 0.00	102.74 -0.66 0.00	118.99 -0.88 0.00	149.59 -0.87 0.00	95.64 -1.15 0.00	91.55 -1.12 0.00	96.46 -0.93 0.00	99.08 -0.74 0.00	90.55 -0.69 0.00	92.52 -0.90 0.00	105.78 -1.03 0.00	108.10 -1.32 0.00	82.08 -0.98 0.00	92.54 -1.02 0.00	87.09 -0.63 0.00	54.84 -0.54 0.00	50.58 -0.78 0.00	64.00 -1.38 0.00	54.81 -2.01 0.00	60.58 -1.99 0.00	95.16 -2.93 0.00	67.90 -1.81 0.00
KATONAH__115KV_46KV_TB4 355592	125.66 9.83 0.00	123.03 9.51 0.00	93.54 7.14 0.00	111.25 7.85 0.00	128.79 8.92 0.00	161.53 11.08 0.00	104.80 8.02 0.00	100.50 7.82 0.00	105.95 8.56 0.00	108.75 8.89 -0.04	98.73 7.49 0.00	102.56 7.72 -1.42	115.61 8.80 0.00	118.24 8.82 0.00	98.06 6.78 -8.21	126.36 7.33 -25.48	115.05 7.01 -20.32	159.68 4.57 -99.74	161.50 4.17 -105.98	142.39 5.27 -71.75	103.72 4.70 -42.19	104.20 5.01 -36.62	142.94 7.79 -37.05	149.75 5.57 -74.48
KCE_NY_1 323755	124.12 8.29 0.00	121.58 8.06 0.00	92.73 6.32 0.00	110.59 7.18 0.00	128.22 8.35 0.00	160.99 10.53 0.00	104.04 7.26 0.00	99.70 7.03 0.00	104.83 7.44 0.00	106.90 7.02 -0.04	97.47 6.23 0.00	101.71 6.52 -1.76	114.45 7.64 0.00	117.40 7.99 0.00	99.61 6.32 -10.22	139.51 7.33 -38.63	187.04 7.14 -92.18	279.34 4.44 -219.53	272.38 4.04 -216.98	187.41 5.08 -116.95	146.42 4.48 -85.10	208.44 4.94 -140.93	173.60 7.63 -67.87	168.83 5.49 -93.63
KCE_NY_6_ESR 323823	108.98 -6.51 0.34	106.67 -6.85 0.00	80.64 -5.77 0.00	95.80 -7.60 0.00	111.65 -8.22 0.00	140.52 -9.93 0.00	89.51 -7.27 0.00	84.33 -8.34 0.00	87.24 -10.15 0.00	89.73 -10.09 0.00	73.82 -8.89 8.53	79.83 -7.98 5.62	90.98 -9.88 5.95	86.06 -9.67 13.68	66.56 -7.42 9.09	76.09 -8.61 8.85	71.22 -7.97 8.52	56.35 -5.19 -6.16	37.76 -5.10 8.50	48.32 -6.46 10.59	44.26 -5.15 7.42	47.50 -6.01 9.05	78.21 -9.09 10.79	72.99 -6.25 -9.53
KEDC_PORT_JEFF_GT2 24210	138.83 14.18 -8.82	144.34 13.54 -17.28	96.42 10.02 0.00	114.43 11.03 0.00	132.66 12.79 0.00	166.91 16.46 0.00	150.02 12.08 -41.16	151.82 11.97 -47.18	128.51 12.72 -18.40	111.32 11.46 -0.04	101.29 10.04 0.00	104.76 9.94 -1.40	117.81 10.99 0.00	121.07 11.65 0.00	114.90 9.41 -22.42	127.61 8.90 -25.15	238.09 9.59 -140.78	177.20 5.89 -115.93	161.35 5.42 -104.58	151.80 7.35 -79.08	151.36 6.32 -88.22	135.69 6.18 -66.94	165.82 9.65 -58.07	150.01 6.77 -73.53
KEDC_PORT_JEFF_GT3 24211	138.83 14.18 -8.82	144.34 13.54 -17.28	96.42 10.02 0.00	114.43 11.03 0.00	132.66 12.79 0.00	166.91 16.46 0.00	150.02 12.08 -41.16	151.82 11.97 -47.18	128.51 12.72 -18.40	111.32 11.46 -0.04	101.29 10.04 0.00	104.76 9.94 -1.40	117.81 10.99 0.00	121.07 11.65 0.00	114.90 9.41 -22.42	127.61 8.90 -25.15	238.09 9.59 -140.78	177.20 5.89 -115.93	161.35 5.42 -104.58	151.80 7.35 -79.08	151.36 6.32 -88.22	135.69 6.18 -66.94	165.82 9.65 -58.07	150.01 6.77 -73.53
KEDC_GLWD_GT4 24219	135.45 10.80 -8.82	141.47 10.67 -17.28	94.24 7.84 0.00	111.85 8.44 0.00	129.54 9.67 0.00	162.53 12.07 0.00	146.89 8.95 -41.16	148.52 8.66 -47.18	125.21 9.43 -18.40	109.34 9.48 -0.04	99.21 7.97 0.00	103.02 8.20 -1.40	116.11 9.30 0.00	119.07 9.66 0.00	112.96 7.47 -22.42	126.58 7.88 -25.15	236.32 7.83 -140.78	176.33 5.02 -115.93	160.50 4.56 -104.58	150.32 5.87 -79.08	150.29 5.24 -88.22	135.05 5.54 -66.94	164.80 8.63 -58.07	149.34 6.10 -73.53
KEDC_GLWD_GT5 24220	135.45 10.80 -8.82	141.47 10.67 -17.28	94.24 7.84 0.00	111.85 8.44 0.00	129.54 9.67 0.00	162.53 12.07 0.00	146.89 8.95 -41.16	148.52 8.66 -47.18	125.21 9.43 -18.40	109.34 9.48 -0.04	99.21 7.97 0.00	103.02 8.20 -1.40	116.11 9.30 0.00	119.07 9.66 0.00	112.96 7.47 -22.42	126.58 7.88 -25.15	236.32 7.83 -140.78	176.33 5.02 -115.93	160.50 4.56 -104.58	150.32 5.87 -79.08	150.29 5.24 -88.22	135.05 5.54 -66.94	164.80 8.63 -58.07	149.34 6.10 -73.53

KENSICO____ 23655	124.92 9.09 0.00	122.32 8.80 0.00	92.93 6.52 0.00	110.44 7.03 0.00	127.86 7.99 0.00	160.37 9.92 0.00	104.06 7.28 0.00	99.74 7.07 0.00	105.16 7.77 0.00	107.93 8.07 -0.04	97.91 6.67 0.00	101.71 6.89 -1.39	114.69 7.87 0.00	117.32 7.91 0.00	97.23 6.07 -8.09	125.17 6.51 -25.11	113.96 6.25 -19.99	157.65 4.04 -98.23	159.46 3.71 -104.39	140.77 4.70 -70.69	102.61 4.23 -41.56	103.07 4.47 -36.04	141.60 7.00 -36.50	148.14 5.04 -73.40
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	125.97 10.14 0.00	123.24 9.72 0.00	93.69 7.29 0.00	111.47 8.06 0.00	129.11 9.24 0.00	161.99 11.53 0.00	105.07 8.29 0.00	100.75 8.08 0.00	106.11 8.72 0.00	108.62 8.76 -0.03	98.41 7.17 0.00	102.03 7.27 -1.34	115.03 8.22 0.00	117.39 7.98 0.00	97.04 6.20 -7.78	125.22 7.35 -24.32	115.91 7.14 -21.06	157.09 4.67 -97.04	158.36 4.34 -102.67	139.55 5.47 -68.70	102.49 4.82 -40.84	104.91 5.08 -37.26	141.64 7.86 -35.68	145.88 5.62 -70.56
KIAC_JFK_GT1 23816	125.44 9.61 0.00	122.77 9.25 0.00	93.23 6.82 0.00	110.64 7.24 0.00	128.00 8.13 0.00	160.75 10.29 0.00	104.34 7.55 0.00	100.15 7.48 0.00	105.62 8.23 0.00	108.58 8.72 -0.04	98.26 7.01 0.00	101.96 7.13 -1.40	115.56 8.75 0.00	117.96 8.55 0.00	97.75 6.57 -8.11	125.43 6.71 -25.16	114.33 6.58 -20.03	158.03 4.21 -98.44	159.84 3.87 -104.61	141.07 4.85 -70.84	102.87 4.39 -41.65	103.27 4.60 -36.11	141.81 7.13 -36.58	148.42 5.15 -73.56
KIAC_JFK_GT2 23817	125.44 9.61 0.00	122.77 9.25 0.00	93.23 6.82 0.00	110.64 7.24 0.00	128.00 8.13 0.00	160.75 10.29 0.00	104.34 7.55 0.00	100.15 7.48 0.00	105.62 8.23 0.00	108.58 8.72 -0.04	98.26 7.01 0.00	101.96 7.13 -1.40	115.56 8.75 0.00	117.96 8.55 0.00	97.75 6.57 -8.11	125.43 6.71 -25.16	114.33 6.58 -20.03	158.03 4.21 -98.44	159.84 3.87 -104.61	141.07 4.85 -70.84	102.87 4.39 -41.65	103.27 4.60 -36.11	141.81 7.13 -36.58	148.42 5.15 -73.56
KIAC_JFK____ 323774	125.44 9.61 0.00	122.76 9.24 0.00	93.23 6.82 0.00	110.65 7.24 0.00	128.00 8.13 0.00	160.78 10.33 0.00	104.34 7.55 0.00	100.15 7.48 0.00	105.62 8.23 0.00	108.59 8.73 -0.04	98.27 7.02 0.00	101.97 7.14 -1.40	115.55 8.74 0.00	117.97 8.56 0.00	97.75 6.57 -8.11	125.42 6.71 -25.16	114.32 6.57 -20.03	158.04 4.21 -98.44	159.85 3.88 -104.61	141.07 4.86 -70.84	102.87 4.40 -41.65	103.26 4.59 -36.11	141.80 7.13 -36.58	148.42 5.15 -73.56
KINTIGH____ 23543	108.35 -7.47 0.00	105.84 -7.68 0.00	80.18 -6.23 0.00	95.36 -8.04 0.00	111.15 -8.72 0.00	139.82 -10.63 0.00	89.13 -7.66 0.00	84.19 -8.48 0.00	87.36 -10.03 0.00	89.69 -10.14 0.00	77.21 -9.03 5.00	82.59 -8.12 2.71	93.85 -9.81 3.16	91.36 -9.83 8.22	71.46 -7.52 4.08	81.77 -8.69 3.09	76.06 -8.22 3.44	57.53 -5.20 -7.35	46.80 -5.06 -0.51	58.46 -6.32 0.59	49.52 -5.12 2.18	52.58 -5.97 4.02	84.19 -8.87 5.04	72.16 -5.94 -8.39
KNTFSRNC_46_KV_46KV_LOAD 80397	116.86 1.03 0.00	114.34 0.82 0.00	87.38 0.98 0.00	105.11 1.70 0.00	121.64 1.77 0.00	152.58 2.12 0.00	97.68 0.90 0.00	93.25 0.58 0.00	98.21 0.82 0.00	100.78 0.95 0.00	91.82 0.57 0.00	93.99 0.56 0.00	107.63 0.82 0.00	109.97 0.56 0.00	83.76 0.70 0.00	94.50 0.95 0.00	88.95 1.23 0.00	56.10 0.72 0.00	51.70 0.34 0.00	65.47 0.09 0.00	56.00 -0.83 0.00	61.69 -0.87 0.00	96.87 -1.23 0.00	69.33 -0.37 0.00
LACHUTE____HYDRO 323717	130.46 14.63 0.00	127.31 13.79 0.00	97.49 11.08 0.00	115.76 12.35 0.00	134.21 14.34 0.00	168.55 18.09 0.00	110.33 13.55 0.00	105.81 13.14 0.00	111.68 14.29 0.00	112.52 12.65 -0.04	102.76 11.52 0.00	107.12 11.93 -1.77	120.34 13.53 0.00	122.82 13.41 0.00	104.01 10.70 -10.24	145.98 13.66 -38.77	194.28 13.42 -93.14	284.90 8.49 -221.03	277.40 7.69 -218.35	192.52 9.68 -117.46	151.06 8.60 -85.63	214.30 9.41 -142.32	180.99 14.65 -68.24	173.85 10.36 -93.78
LAWRNCV_115KV_TB1 80681	114.63 -1.20 0.00	112.36 -1.16 0.00	85.51 -0.90 0.00	102.96 -0.45 0.00	119.46 -0.41 0.00	149.60 -0.85 0.00	94.82 -1.97 0.00	90.85 -1.82 0.00	95.82 -1.57 0.00	98.11 -1.72 0.00	90.07 -1.17 0.00	92.07 -1.35 0.00	105.13 -1.68 0.00	107.87 -1.54 0.00	81.82 -1.25 0.00	92.12 -1.44 0.00	86.01 -1.71 0.00	54.08 -1.30 0.00	50.10 -1.26 0.00	63.89 -1.49 0.00	55.26 -1.57 0.00	61.10 -1.46 0.00	96.34 -1.75 0.00	68.77 -0.93 0.00
LEDERLE____ 23769	124.45 8.62 0.00	121.85 8.33 0.00	92.60 6.19 0.00	110.13 6.72 0.00	127.48 7.61 0.00	159.86 9.40 0.00	103.79 7.00 0.00	99.43 6.76 0.00	104.72 7.33 0.00	107.44 7.58 -0.03	97.50 6.26 0.00	101.16 6.39 -1.35	114.09 7.28 0.00	116.69 7.28 0.00	96.52 5.64 -7.81	123.93 6.16 -24.22	112.83 5.85 -19.26	153.96 3.85 -94.74	155.59 3.55 -100.68	138.04 4.48 -68.19	100.90 3.99 -40.08	101.51 4.21 -34.73	139.91 6.61 -35.21	145.28 4.76 -70.81
LIGHTHSE_115KV_TB6 355974	115.39 -0.44 0.00	112.90 -0.62 0.00	85.79 -0.61 0.00	102.54 -0.87 0.00	118.78 -1.09 0.00	149.18 -1.28 0.00	96.02 -0.77 0.00	91.76 -0.91 0.00	95.73 -1.66 0.00	97.74 -2.08 0.00	89.41 -1.84 0.00	91.99 -1.53 -0.10	104.76 -2.05 0.00	107.30 -2.11 0.00	82.24 -1.40 -0.57	93.78 -1.38 -1.61	86.80 -1.06 -0.14	59.83 -0.65 -5.10	56.26 -0.78 -5.68	68.94 -0.79 -4.35	58.29 -0.71 -2.17	62.10 -1.16 -0.69	98.11 -2.06 -2.07	73.20 -1.68 -5.17
LINDEN COGEN____ 23786	52.79 9.31 72.34	52.79 8.93 69.66	52.79 6.57 40.19	52.79 7.03 57.64	52.79 7.97 75.05	39.41 9.97 121.02	54.91 7.39 49.26	52.79 7.25 47.14	-357.67 8.00 463.07	-122.32 8.53 230.67	43.12 6.73 54.85	35.11 6.96 65.27	-69.25 8.02 184.09	-234.38 8.06 351.84	35.11 6.07 54.03	52.00 6.30 47.85	39.52 6.18 54.37	73.99 3.98 -14.63	122.32 3.64 -67.32	98.73 4.60 -28.75	61.77 4.18 -0.76	63.87 4.38 3.08	35.11 6.97 69.96	16.33 5.05 58.43
LINDHRST_69_KV_BK1 356055	137.09 12.44 -8.82	143.09 12.29 -17.28	95.42 9.01 0.00	113.10 9.69 0.00	131.05 11.18 0.00	164.45 13.99 0.00	148.23 10.29 -41.16	149.85 10.00 -47.18	126.54 10.75 -18.40	110.39 10.53 -0.04	100.19 8.94 0.00	103.92 9.10 -1.40	117.12 10.31 0.00	120.21 10.80 0.00	113.95 8.46 -22.42	127.54 8.84 -25.15	237.41 8.92 -140.78	177.04 5.73 -115.93	161.18 5.24 -104.58	151.23 6.78 -79.08	151.03 5.98 -88.22	135.83 6.33 -66.94	166.01 9.84 -58.07	150.08 6.84 -73.53
LIPA_MISC_IPP 23656	138.60 13.95 -8.82	144.05 13.25 -17.28	96.22 9.82 0.00	114.24 10.83 0.00	132.48 12.61 0.00	166.77 16.31 0.00	150.00 12.06 -41.16	151.81 11.96 -47.18	128.41 12.62 -18.40	110.73 10.86 -0.04	100.89 9.64 0.00	104.33 9.51 -1.40	117.23 10.41 0.00	120.49 11.08 0.00	114.52 9.03 -22.42	126.79 8.09 -25.15	237.55 9.06 -140.78	177.02 5.71 -115.93	161.13 5.19 -104.58	151.34 6.88 -79.08	150.94 5.89 -88.22	135.22 5.71 -66.94	165.18 9.01 -58.07	149.64 6.40 -73.53
LISF____SOLAR 323691	138.85 14.20 -8.82	144.27 13.47 -17.28	96.39 9.99 0.00	114.43 11.03 0.00	132.74 12.87 0.00	167.10 16.64 0.00	150.20 12.26 -41.16	152.02 12.17 -47.18	128.61 12.82 -18.40	110.84 10.98 -0.04	100.95 9.71 0.00	104.35 9.54 -1.40	117.26 10.45 0.00	120.59 11.18 0.00	114.64 9.14 -22.42	126.92 8.22 -25.15	237.70 9.21 -140.78	177.15 5.84 -115.93	161.27 5.33 -104.58	151.49 7.03 -79.08	151.06 6.02 -88.22	135.37 5.86 -66.94	165.37 9.21 -58.07	149.77 6.53 -73.53

LITTLE FALLS___HYD 24013	121.61 5.79 0.00	118.86 5.34 0.00	90.45 4.05 0.00	107.99 4.58 0.00	124.78 4.91 0.00	156.58 6.13 0.00	101.72 4.94 0.00	97.70 5.03 0.00	102.22 4.83 0.00	103.50 3.67 0.00	94.07 2.82 0.00	96.76 3.34 0.00	111.01 4.20 0.00	114.24 4.82 0.00	86.97 3.91 0.00	98.39 4.84 0.00	92.20 4.48 0.00	58.52 3.14 0.00	54.17 2.81 0.00	68.78 3.40 0.00	59.78 2.95 0.00	65.93 3.37 0.00	103.15 5.05 0.00	73.08 3.37 0.00
LITTLRIV_115KV_TB1 356100	116.02 0.19 0.00	113.76 0.24 0.00	86.57 0.16 0.00	104.30 0.90 0.00	121.01 1.14 0.00	151.44 0.98 0.00	95.82 -0.96 0.00	91.88 -0.80 0.00	96.87 -0.52 0.00	98.85 -0.98 0.00	90.33 -0.91 0.00	92.34 -1.08 0.00	105.69 -1.12 0.00	108.73 -0.68 0.00	82.56 -0.51 0.00	92.86 -0.69 0.00	86.94 -0.78 0.00	54.78 -0.60 0.00	50.76 -0.60 0.00	64.72 -0.66 0.00	55.96 -0.86 0.00	61.82 -0.74 0.00	97.55 -0.54 0.00	69.69 -0.02 0.00
LI_NEWBRDGE___DRP 323616	134.81 10.16 -8.82	140.93 10.13 -17.28	93.84 7.43 0.00	111.36 7.96 0.00	128.92 9.04 0.00	161.75 11.29 0.00	146.34 8.40 -41.16	147.98 8.13 -47.18	124.63 8.84 -18.40	108.73 8.87 -0.04	98.67 7.42 0.00	102.46 7.64 -1.40	115.48 8.67 0.00	118.41 9.00 0.00	112.47 6.98 -22.42	125.99 7.28 -25.15	235.74 7.24 -140.78	175.93 4.61 -115.93	160.15 4.21 -104.58	149.87 5.42 -79.08	149.90 4.85 -88.22	134.68 5.18 -66.94	164.27 8.10 -58.07	148.93 5.70 -73.53
LOCKPORT_115KV_TB60_63_64 80432	106.82 -9.00 0.00	104.38 -9.14 0.00	78.96 -7.45 0.00	93.91 -9.50 0.00	109.69 -10.18 0.00	138.12 -12.33 0.00	87.63 -9.16 0.00	82.34 -10.34 0.00	85.06 -12.33 0.00	87.47 -12.36 0.00	74.54 -10.79 5.91	80.37 -9.50 3.54	91.09 -11.82 3.90	88.11 -11.62 9.68	68.71 -8.93 5.43	78.50 -10.43 4.63	73.05 -9.87 4.79	56.18 -6.35 -7.15	43.53 -6.14 1.68	54.95 -7.59 2.83	47.47 -6.00 3.36	49.69 -6.71 6.16	80.62 -9.98 7.49	71.55 -7.01 -8.86
LOCKPORT___CC1 323769	105.94 -9.61 0.28	103.73 -9.78 0.00	78.49 -7.92 0.00	93.33 -10.08 0.00	109.00 -10.87 0.00	137.22 -13.23 0.00	87.10 -9.69 0.00	81.84 -10.83 0.00	84.49 -12.88 0.01	86.91 -12.91 0.00	70.92 -11.23 9.10	77.40 -10.15 5.87	87.89 -12.52 6.39	82.85 -12.23 14.33	63.82 -9.35 9.89	72.80 -10.92 9.83	68.05 -10.30 9.37	54.09 -6.62 -5.33	35.00 -6.41 9.95	46.84 -7.94 10.60	42.89 -6.32 7.62	48.91 -7.01 6.64	79.61 -10.47 8.01	71.30 -7.29 -8.88
LOCKPORT___CC2 323770	105.94 -9.61 0.28	103.73 -9.78 0.00	78.49 -7.92 0.00	93.33 -10.08 0.00	109.00 -10.87 0.00	137.22 -13.23 0.00	87.10 -9.69 0.00	81.84 -10.83 0.00	84.49 -12.88 0.01	86.91 -12.91 0.00	70.92 -11.23 9.10	77.40 -10.15 5.87	87.89 -12.52 6.39	82.85 -12.23 14.33	63.82 -9.35 9.89	72.80 -10.92 9.83	68.05 -10.30 9.37	54.09 -6.62 -5.33	35.00 -6.41 9.95	46.84 -7.94 10.60	42.89 -6.32 7.62	48.91 -7.01 6.64	79.61 -10.47 8.01	71.30 -7.29 -8.88
LOCKPORT___CC3 323771	105.94 -9.61 0.28	103.73 -9.78 0.00	78.49 -7.92 0.00	93.33 -10.08 0.00	109.00 -10.87 0.00	137.22 -13.23 0.00	87.10 -9.69 0.00	81.84 -10.83 0.00	84.49 -12.88 0.01	86.91 -12.91 0.00	70.92 -11.23 9.10	77.40 -10.15 5.87	87.89 -12.52 6.39	82.85 -12.23 14.33	63.82 -9.35 9.89	72.80 -10.92 9.83	68.05 -10.30 9.37	54.09 -6.62 -5.33	35.00 -6.41 9.95	46.84 -7.94 10.60	42.89 -6.32 7.62	48.91 -7.01 6.64	79.61 -10.47 8.01	71.30 -7.29 -8.88
LONG_LAKE_PHOENIX 24014	113.31 -2.52 0.00	110.96 -2.56 0.00	84.33 -2.08 0.00	100.72 -2.69 0.00	116.88 -2.99 0.00	146.80 -3.65 0.00	94.52 -2.27 0.00	90.41 -2.26 0.00	94.83 -2.56 0.00	97.10 -2.73 0.00	88.69 -2.55 0.00	91.24 -2.30 -0.11	104.11 -2.70 0.00	106.56 -2.86 0.00	81.59 -2.12 -0.64	93.02 -2.35 -1.81	85.78 -2.10 -0.15	59.85 -1.26 -5.73	56.51 -1.23 -6.38	68.70 -1.56 -4.88	57.94 -1.32 -2.44	61.73 -1.61 -0.78	97.75 -2.66 -2.32	73.62 -1.89 -5.80
LOVETT___3 23632	123.81 7.99 0.00	121.23 7.71 0.00	92.13 5.72 0.00	109.57 6.16 0.00	126.81 6.94 0.00	159.04 8.58 0.00	103.24 6.45 0.00	98.89 6.22 0.00	104.18 6.79 0.00	106.89 7.03 -0.03	96.98 5.74 0.00	100.63 5.86 -1.35	113.51 6.70 0.00	116.08 6.67 0.00	96.09 5.18 -7.84	123.47 5.61 -24.31	112.39 5.33 -19.33	153.98 3.51 -95.09	155.64 3.22 -101.05	137.88 4.07 -68.44	100.71 3.65 -40.23	101.27 3.85 -34.86	139.46 6.03 -35.34	145.15 4.37 -71.07
LOVETT___4 23642	123.81 7.99 0.00	121.23 7.71 0.00	92.13 5.72 0.00	109.57 6.16 0.00	126.81 6.94 0.00	159.04 8.58 0.00	103.24 6.45 0.00	98.89 6.22 0.00	104.18 6.79 0.00	106.89 7.03 -0.03	96.98 5.74 0.00	100.63 5.86 -1.35	113.51 6.70 0.00	116.08 6.67 0.00	96.09 5.18 -7.84	123.47 5.61 -24.31	112.39 5.33 -19.33	153.98 3.51 -95.09	155.64 3.22 -101.05	137.88 4.07 -68.44	100.71 3.65 -40.23	101.27 3.85 -34.86	139.46 6.03 -35.34	145.15 4.37 -71.07
LOVETT___5 23593	123.81 7.99 0.00	121.23 7.71 0.00	92.13 5.72 0.00	109.57 6.16 0.00	126.81 6.94 0.00	159.04 8.58 0.00	103.24 6.45 0.00	98.89 6.22 0.00	104.18 6.79 0.00	106.89 7.03 -0.03	96.98 5.74 0.00	100.63 5.86 -1.35	113.51 6.70 0.00	116.08 6.67 0.00	96.09 5.18 -7.84	123.47 5.61 -24.31	112.39 5.33 -19.33	153.98 3.51 -95.09	155.64 3.22 -101.05	137.88 4.07 -68.44	100.71 3.65 -40.23	101.27 3.85 -34.86	139.46 6.03 -35.34	145.15 4.37 -71.07
LOWER RAQUET___HYD 24057	114.77 -1.05 0.00	112.51 -1.01 0.00	85.65 -0.75 0.00	103.13 -0.28 0.00	119.62 -0.25 0.00	149.73 -0.73 0.00	94.79 -2.00 0.00	90.81 -1.86 0.00	95.71 -1.68 0.00	97.94 -1.89 0.00	89.99 -1.26 0.00	92.02 -1.40 0.00	105.09 -1.72 0.00	107.84 -1.57 0.00	81.80 -1.27 0.00	92.13 -1.42 0.00	85.93 -1.79 0.00	54.01 -1.37 0.00	50.01 -1.35 0.00	63.81 -1.57 0.00	55.16 -1.67 0.00	61.02 -1.54 0.00	96.31 -1.79 0.00	68.78 -0.93 0.00
LOWER___HUDSON 24059	122.27 6.44 0.00	119.91 6.39 0.00	91.42 5.01 0.00	108.90 5.50 0.00	126.11 6.24 0.00	157.94 7.48 0.00	102.06 5.28 0.00	97.75 5.08 0.00	102.91 5.52 0.00	105.35 5.48 -0.04	96.49 5.24 0.00	100.72 5.57 -1.73	113.03 6.21 0.00	115.81 6.40 0.00	98.14 5.03 -10.04	135.91 5.63 -36.72	171.67 5.17 -78.78	257.43 3.22 -198.83	252.46 2.95 -198.15	179.12 3.74 -110.01	138.01 3.32 -77.86	187.95 3.73 -121.66	166.79 5.85 -62.84	165.72 4.22 -91.79
LOWVILLE_115KV_TB2 356335	120.20 4.37 0.00	117.68 4.16 0.00	89.51 3.10 0.00	107.17 3.76 0.00	124.37 4.50 0.00	156.10 5.65 0.00	100.17 3.39 0.00	95.61 2.93 0.00	98.84 1.45 0.00	100.42 0.60 0.00	91.99 0.75 0.00	94.61 1.14 -0.05	107.74 0.93 0.00	110.69 1.29 0.00	84.47 1.12 -0.28	96.17 1.83 -0.78	89.62 1.83 -0.07	58.89 1.03 -2.48	54.78 0.66 -2.77	68.83 1.34 -2.11	58.87 0.99 -1.06	63.31 0.40 -0.34	99.44 0.34 -1.01	71.77 -0.45 -2.51
LUTHERFT_115KV_GLOB_FND_222 355753	124.13 8.30 0.00	121.64 8.12 0.00	92.76 6.35 0.00	110.58 7.18 0.00	128.22 8.35 0.00	160.83 10.37 0.00	103.98 7.19 0.00	99.68 7.01 0.00	104.76 7.37 0.00	106.85 6.98 -0.04	97.48 6.24 0.00	101.71 6.53 -1.76	114.32 7.51 0.00	117.31 7.89 0.00	99.53 6.24 -10.22	139.43 7.25 -38.63	186.91 7.02 -92.18	279.29 4.39 -219.53	272.34 4.00 -216.98	187.35 5.02 -116.95	146.36 4.43 -85.10	208.37 4.87 -140.93	173.52 7.55 -67.87	168.75 5.41 -93.63

LUTHERNY_35_KV_BK2 355980	124.12 8.29 0.00	121.58 8.06 0.00	92.73 6.32 0.00	110.59 7.18 0.00	128.22 8.35 0.00	160.99 10.54 0.00	104.05 7.27 0.00	99.71 7.03 0.00	104.82 7.44 0.00	106.90 7.02 -0.04	97.47 6.23 0.00	101.71 6.53 -1.76	114.46 7.64 0.00	117.40 7.99 0.00	99.61 6.32 -10.22	139.51 7.33 -38.63	187.05 7.15 -92.18	279.34 4.44 -219.53	272.38 4.04 -216.98	187.41 5.08 -116.95	146.41 4.48 -85.10	208.44 4.94 -140.93	173.61 7.64 -67.87	168.83 5.49 -93.63
LWR___OSWEGATCHIE_HYD 23850	117.20 1.37 0.00	114.76 1.25 0.00	87.30 0.89 0.00	104.77 1.37 0.00	121.61 1.74 0.00	152.34 1.89 0.00	97.06 0.28 0.00	92.77 0.10 0.00	96.83 -0.56 0.00	98.73 -1.10 0.00	90.69 -0.55 0.00	93.02 -0.44 -0.04	106.03 -0.78 0.00	108.81 -0.60 0.00	82.91 -0.36 -0.21	94.01 -0.13 -0.58	87.47 -0.30 -0.05	56.83 -0.39 -1.84	52.85 -0.56 -2.06	66.55 -0.40 -1.57	57.05 -0.56 -0.79	61.97 -0.84 -0.25	97.75 -1.09 -0.75	70.67 -0.90 -1.87
LYONS_FALL_HYD 23570	120.14 4.32 0.00	117.67 4.15 0.00	89.49 3.09 0.00	107.09 3.69 0.00	124.29 4.42 0.00	156.04 5.59 0.00	100.33 3.54 0.00	95.88 3.21 0.00	99.73 2.34 0.00	101.52 1.70 0.00	92.79 1.54 0.00	95.26 1.79 -0.05	108.80 1.99 0.00	111.74 2.33 0.00	85.19 1.87 -0.26	96.82 2.53 -0.74	90.23 2.45 -0.06	59.17 1.46 -2.32	55.10 1.15 -2.59	69.13 1.77 -1.98	59.24 1.42 -0.99	63.95 1.07 -0.32	100.44 1.41 -0.94	72.57 0.50 -2.36
MADISON___COUNTY_LFGE 323628	119.76 3.93 0.00	117.46 3.94 0.00	89.41 3.00 0.00	106.88 3.48 0.00	124.04 4.17 0.00	155.93 5.48 0.00	100.56 3.78 0.00	96.27 3.60 0.00	100.84 3.45 0.00	102.77 2.94 0.00	93.40 2.15 0.00	95.66 2.16 -0.08	109.89 3.08 0.00	112.87 3.46 0.00	86.20 2.67 -0.46	98.18 3.33 -1.30	91.05 3.22 -0.11	61.45 1.96 -4.12	57.62 1.68 -4.59	71.03 2.15 -3.51	60.41 1.83 -1.75	64.88 1.76 -0.56	102.21 2.45 -1.67	75.39 1.51 -4.17
MALONE___115KV_TB1 356076	116.88 1.05 0.00	114.35 0.83 0.00	87.31 0.91 0.00	105.13 1.73 0.00	121.80 1.93 0.00	152.94 2.49 0.00	97.60 0.81 0.00	93.53 0.86 0.00	98.60 1.21 0.00	101.10 1.28 0.00	92.30 1.05 0.00	94.35 0.93 0.00	107.94 1.13 0.00	110.47 1.06 0.00	83.91 0.85 0.00	94.56 1.01 0.00	88.90 1.18 0.00	56.01 0.63 0.00	51.68 0.32 0.00	65.50 0.12 0.00	56.21 -0.62 0.00	62.03 -0.54 0.00	97.42 -0.67 0.00	69.53 -0.18 0.00
MAPLEWOD_115KV_TB3 80458	121.59 5.76 0.00	119.21 5.69 0.00	90.83 4.43 0.00	108.31 4.90 0.00	125.32 5.45 0.00	156.95 6.49 0.00	101.31 4.52 0.00	97.08 4.41 0.00	102.17 4.78 0.00	104.76 4.90 -0.04	96.17 4.93 0.00	100.34 5.19 -1.72	112.50 5.69 0.00	115.30 5.89 0.00	97.56 4.51 -9.98	133.82 5.01 -35.25	158.57 4.65 -66.20	238.70 2.93 -180.39	235.63 2.70 -181.58	173.15 3.43 -104.35	131.35 3.03 -71.49	169.58 3.35 -103.67	161.84 5.21 -58.53	164.37 3.57 -91.09
MAPLE_RIDGE_WT_1 323574	114.85 -0.98 0.00	112.49 -1.03 0.00	85.78 -0.63 0.00	102.92 -0.49 0.00	119.32 -0.55 0.00	149.84 -0.62 0.00	96.04 -0.74 0.00	91.73 -0.94 0.00	95.92 -1.47 0.00	98.01 -1.82 0.00	89.70 -1.55 0.00	91.72 -1.70 0.00	104.96 -1.85 0.00	107.58 -1.83 0.00	81.56 -1.51 0.00	91.87 -1.68 0.00	85.93 -1.79 0.00	54.17 -1.21 0.00	50.35 -1.01 0.00	64.08 -1.30 0.00	55.63 -1.20 0.00	61.28 -1.28 0.00	96.11 -1.99 0.00	68.12 -1.59 0.00
MAPLE_RIDGE_WT_2 323611	114.85 -0.98 0.00	112.49 -1.03 0.00	85.78 -0.63 0.00	102.92 -0.49 0.00	119.32 -0.55 0.00	149.84 -0.62 0.00	96.04 -0.74 0.00	91.73 -0.94 0.00	95.92 -1.47 0.00	98.01 -1.82 0.00	89.70 -1.55 0.00	91.72 -1.70 0.00	104.96 -1.85 0.00	107.58 -1.83 0.00	81.56 -1.51 0.00	91.87 -1.68 0.00	85.93 -1.79 0.00	54.17 -1.21 0.00	50.35 -1.01 0.00	64.08 -1.30 0.00	55.63 -1.20 0.00	61.28 -1.28 0.00	96.11 -1.99 0.00	68.12 -1.59 0.00
MARBLE_RIVER_WT_PWR 323696	114.38 -1.45 0.00	111.96 -1.56 0.00	85.54 -0.87 0.00	102.93 -0.48 0.00	119.21 -0.66 0.00	149.75 -0.70 0.00	95.82 -0.96 0.00	91.62 -1.05 0.00	96.53 -0.86 0.00	99.15 -0.67 0.00	90.62 -0.63 0.00	92.64 -0.79 0.00	105.96 -0.86 0.00	108.26 -1.15 0.00	82.26 -0.81 0.00	92.74 -0.81 0.00	87.24 -0.48 0.00	54.97 -0.41 0.00	50.68 -0.68 0.00	64.16 -1.21 0.00	54.90 -1.93 0.00	60.64 -1.92 0.00	95.27 -2.83 0.00	68.02 -1.69 0.00
MARSHVLE_115KV_TB1 80742	122.75 6.92 0.00	120.11 6.59 0.00	91.34 4.93 0.00	109.30 5.90 0.00	127.06 7.19 0.00	159.76 9.31 0.00	102.75 5.96 0.00	98.41 5.74 0.00	102.35 4.96 0.00	103.13 3.25 -0.05	93.51 2.26 0.00	97.98 2.58 -1.98	110.73 3.92 0.00	114.23 4.82 0.00	98.21 3.67 -11.47	139.69 4.66 -41.47	179.24 5.00 -86.52	280.76 3.30 -222.08	275.97 2.97 -221.64	192.83 3.70 -123.76	146.71 3.19 -86.69	199.81 3.38 -133.87	173.49 5.11 -70.29	178.05 3.54 -104.80
MARSH_HILL_WT_PWR 323713	112.56 -3.27 0.00	110.18 -3.34 0.00	83.20 -3.20 0.00	98.46 -4.95 0.00	114.22 -5.65 0.00	143.96 -6.50 0.00	92.11 -4.67 0.00	86.61 -6.06 0.00	90.88 -6.50 0.00	92.71 -7.11 0.01	90.47 -7.80 -7.02	104.59 -7.80 -18.97	111.64 -9.05 -13.87	107.78 -7.37 -5.74	113.66 -4.40 -34.98	133.66 -4.94 -45.05	120.16 -4.21 -36.65	78.59 -2.78 -25.99	121.72 -2.61 -72.97	145.85 -3.23 -83.70	77.10 -3.58 -23.85	72.49 -6.24 -16.17	101.13 -10.37 -13.42	75.76 -7.11 -13.16
MCINTYRE_115KV_TB2 80467	116.47 0.64 0.00	114.21 0.69 0.00	86.91 0.50 0.00	104.78 1.38 0.00	121.55 1.68 0.00	152.40 1.95 0.00	96.62 -0.17 0.00	92.67 0.00 0.00	97.72 0.34 0.00	99.55 -0.27 0.00	90.56 -0.68 0.00	92.49 -0.93 0.00	106.06 -0.75 0.00	109.31 -0.10 0.00	82.99 -0.08 0.00	93.28 -0.27 0.00	87.66 -0.06 0.00	55.39 0.01 0.00	51.34 -0.01 0.00	65.44 0.06 0.00	56.59 -0.23 0.00	62.49 -0.07 0.00	98.43 0.33 0.00	70.21 0.50 0.00
MECO_____69_KV_BK1 80468	125.14 9.31 0.00	122.47 8.95 0.00	93.16 6.76 0.00	111.36 7.96 0.00	129.32 9.45 0.00	162.53 12.07 0.00	104.80 8.01 0.00	100.49 7.82 0.00	104.39 7.00 0.00	104.52 4.64 -0.05	94.28 3.04 0.00	98.61 3.28 -1.90	111.87 5.06 0.00	115.93 6.52 0.00	99.22 5.11 -11.04	141.13 6.70 -40.88	187.15 7.27 -92.17	286.65 4.78 -226.48	280.49 4.37 -224.76	193.82 5.48 -122.97	149.52 4.72 -87.97	209.11 4.97 -141.59	176.26 7.49 -70.68	175.93 5.20 -101.02
MENANDS___115KV_TB5 355628	120.99 5.17 0.00	118.63 5.11 0.00	90.39 3.99 0.00	107.79 4.38 0.00	124.66 4.79 0.00	156.08 5.63 0.00	100.74 3.96 0.00	96.53 3.85 0.00	101.63 4.24 0.00	104.26 4.39 -0.04	95.87 4.62 0.00	100.04 4.90 -1.72	112.15 5.34 0.00	114.82 5.41 0.00	97.15 4.13 -9.96	133.03 4.52 -34.96	155.79 4.14 -63.93	234.95 2.61 -176.97	232.23 2.39 -178.48	171.67 3.05 -103.24	129.85 2.72 -70.30	165.96 2.99 -100.41	160.47 4.67 -57.71	163.76 3.18 -90.87
MG INDUSTRY___DRP 24185	120.55 4.73 0.00	118.19 4.67 0.00	90.02 3.62 0.00	107.42 4.01 0.00	124.29 4.42 0.00	155.73 5.28 0.00	100.44 3.66 0.00	96.20 3.53 0.00	101.04 3.65 0.00	103.37 3.50 -0.04	94.74 3.49 0.00	98.89 3.79 -1.68	110.90 4.08 0.00	113.81 4.40 0.00	96.24 3.42 -9.75	129.58 3.78 -32.24	134.84 3.65 -43.47	203.65 2.29 -145.98	203.83 2.07 -150.40	161.17 2.64 -93.16	118.69 2.36 -59.50	136.19 2.57 -71.06	152.45 4.08 -50.27	161.16 2.78 -88.67

MID___OSWEGATCHIE_HYD 23849	117.20 1.37 0.00	114.76 1.25 0.00	87.30 0.89 0.00	104.77 1.37 0.00	121.61 1.74 0.00	152.34 1.89 0.00	97.06 0.28 0.00	92.77 0.10 0.00	96.83 -0.56 0.00	98.73 -1.10 0.00	90.69 -0.55 0.00	93.02 -0.44 -0.04	106.03 -0.78 0.00	108.81 -0.60 0.00	82.91 -0.36 -0.21	94.01 -0.13 -0.58	87.47 -0.30 -0.05	56.83 -0.39 -1.84	52.85 -0.56 -2.06	66.55 -0.40 -1.57	57.05 -0.56 -0.79	61.97 -0.84 -0.25	97.75 -1.09 -0.75	70.67 -0.90 -1.87
MID___RAQUETTE_HYD 23851	114.77 -1.05 0.00	112.51 -1.00 0.00	85.65 -0.75 0.00	103.13 -0.28 0.00	119.62 -0.26 0.00	149.72 -0.73 0.00	94.79 -1.99 0.00	90.81 -1.86 0.00	95.71 -1.68 0.00	97.94 -1.88 0.00	89.99 -1.26 0.00	92.00 -1.42 0.00	105.07 -1.74 0.00	107.84 -1.58 0.00	81.80 -1.27 0.00	92.11 -1.44 0.00	85.93 -1.78 0.00	54.00 -1.37 0.00	50.01 -1.35 0.00	63.80 -1.58 0.00	55.15 -1.68 0.00	60.99 -1.57 0.00	96.28 -1.81 0.00	68.76 -0.94 0.00
MILLIKEN___1 23584	118.05 2.23 0.00	115.49 1.97 0.00	87.72 1.32 0.00	104.76 1.35 0.00	121.45 1.58 0.00	152.62 2.16 0.00	98.41 1.62 0.00	94.24 1.56 0.00	98.80 1.40 0.00	101.08 1.23 -0.03	103.87 0.62 -12.01	95.90 0.84 -1.64	111.90 1.16 -3.93	132.72 1.32 -21.99	88.18 1.06 -4.05	103.74 1.17 -9.02	99.00 1.41 -9.88	92.32 1.03 -35.91	94.70 0.83 -42.51	85.54 0.91 -19.26	84.24 0.78 -26.62	94.10 0.62 -30.92	134.00 0.57 -35.34	90.65 0.51 -20.44
MILLIKEN___2 23585	118.05 2.23 0.00	115.49 1.97 0.00	87.72 1.32 0.00	104.76 1.35 0.00	121.45 1.58 0.00	152.62 2.16 0.00	98.41 1.62 0.00	94.24 1.56 0.00	98.80 1.40 0.00	101.08 1.23 -0.03	103.87 0.62 -12.01	95.90 0.84 -1.64	111.90 1.16 -3.93	132.72 1.32 -21.99	88.18 1.06 -4.05	103.74 1.17 -9.02	99.00 1.41 -9.88	92.32 1.03 -35.91	94.70 0.83 -42.51	85.54 0.91 -19.26	84.24 0.78 -26.62	94.10 0.62 -30.92	134.00 0.57 -35.34	90.65 0.51 -20.44
MILLIKEN___DIESEL 23629	118.05 2.23 0.00	115.49 1.97 0.00	87.72 1.32 0.00	104.76 1.35 0.00	121.45 1.58 0.00	152.62 2.16 0.00	98.41 1.62 0.00	94.24 1.56 0.00	98.80 1.40 0.00	101.08 1.23 -0.03	103.87 0.62 -12.01	95.90 0.84 -1.64	111.90 1.16 -3.93	132.72 1.32 -21.99	88.18 1.06 -4.05	103.74 1.17 -9.02	99.00 1.41 -9.88	92.32 1.03 -35.91	94.70 0.83 -42.51	85.54 0.91 -19.26	84.24 0.78 -26.62	94.10 0.62 -30.92	134.00 0.57 -35.34	90.65 0.51 -20.44
MILLSEAT___LFGE 323607	109.72 -5.85 0.25	107.37 -6.15 0.00	81.28 -5.13 0.00	96.67 -6.74 0.00	112.86 -7.01 0.00	142.17 -8.28 0.00	90.46 -6.32 0.00	85.37 -7.30 0.00	88.44 -8.94 0.00	90.83 -9.00 0.00	78.24 -7.77 5.24	83.71 -6.80 2.92	94.82 -8.67 3.32	92.20 -8.57 8.64	71.99 -6.73 4.36	82.52 -7.66 3.38	76.88 -7.14 3.70	58.42 -4.40 -7.45	47.22 -4.31 -0.17	59.10 -5.32 0.95	50.26 -4.14 2.43	52.75 -4.75 5.06	84.74 -7.11 6.25	73.34 -5.03 -8.67
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	124.58 8.75 0.00	121.99 8.46 0.00	92.71 6.31 0.00	110.23 6.82 0.00	127.57 7.70 0.00	159.97 9.52 0.00	103.82 7.03 0.00	99.49 6.82 0.00	104.86 7.47 0.00	107.61 7.75 -0.04	97.67 6.42 0.00	101.43 6.62 -1.39	114.36 7.55 0.00	116.99 7.57 0.00	96.96 5.83 -8.06	124.83 6.27 -25.01	113.64 6.01 -19.91	157.13 3.89 -97.86	158.91 3.57 -103.99	140.31 4.52 -70.42	102.28 4.06 -41.40	102.78 4.32 -35.90	141.19 6.74 -36.36	147.67 4.85 -73.12
MILLWOOD_13_KV_LOAD 356217	124.73 8.90 0.00	122.13 8.61 0.00	92.82 6.42 0.00	110.34 6.93 0.00	127.73 7.86 0.00	160.17 9.71 0.00	103.95 7.16 0.00	99.63 6.96 0.00	104.99 7.60 0.00	107.76 7.90 -0.04	97.80 6.56 0.00	101.58 6.76 -1.39	114.52 7.70 0.00	117.16 7.75 0.00	97.08 5.95 -8.06	124.98 6.42 -25.01	113.79 6.15 -19.91	157.22 3.98 -97.86	159.01 3.66 -103.99	140.43 4.64 -70.42	102.39 4.16 -41.40	102.87 4.41 -35.90	141.35 6.89 -36.36	147.78 4.96 -73.12
MODEL_CITY_ENERGY 24167	105.67 -9.86 0.30	103.56 -9.96 0.00	78.39 -8.02 0.00	93.28 -10.13 0.00	108.98 -10.89 0.00	137.23 -13.22 0.00	86.94 -9.85 0.00	81.59 -11.08 0.00	84.14 -13.25 0.00	86.53 -13.29 0.00	73.32 -11.47 6.45	79.11 -10.36 3.94	89.59 -12.91 4.31	86.48 -12.43 10.50	67.41 -9.51 6.15	76.86 -11.23 5.45	71.56 -10.63 5.53	55.46 -6.89 -6.97	41.77 -6.66 2.93	53.18 -8.17 4.03	46.35 -6.45 4.03	48.82 -7.18 6.57	79.41 -10.73 7.95	71.09 -7.61 -8.99
MODERN_LFGE___ 323580	105.67 -9.86 0.30	103.56 -9.96 0.00	78.39 -8.02 0.00	93.28 -10.13 0.00	108.98 -10.89 0.00	137.23 -13.22 0.00	86.94 -9.85 0.00	81.59 -11.08 0.00	84.14 -13.25 0.00	86.53 -13.29 0.00	73.32 -11.47 6.45	79.11 -10.36 3.94	89.59 -12.91 4.31	86.48 -12.43 10.50	67.41 -9.51 6.15	76.86 -11.23 5.45	71.56 -10.63 5.53	55.46 -6.89 -6.97	41.77 -6.66 2.93	53.18 -8.17 4.03	46.35 -6.45 4.03	48.82 -7.18 6.57	79.41 -10.73 7.95	71.09 -7.61 -8.99
MOHAWK_PAPER___DRP 24187	121.59 5.76 0.00	119.21 5.69 0.00	90.83 4.43 0.00	108.31 4.90 0.00	125.32 5.45 0.00	156.95 6.49 0.00	101.31 4.52 0.00	97.08 4.41 0.00	102.17 4.78 0.00	104.76 4.90 -0.04	96.17 4.93 0.00	100.34 5.19 -1.72	112.50 5.69 0.00	115.30 5.89 0.00	97.56 4.51 -9.98	133.82 5.01 -35.25	158.57 4.65 -66.20	238.70 2.93 -180.39	235.63 2.70 -181.58	173.15 3.43 -104.35	131.35 3.03 -71.49	169.58 3.35 -103.67	161.84 5.21 -58.53	164.37 3.57 -91.09
MOHICAN___35_KV_115KV_LD 80490	126.46 10.64 0.00	123.80 10.28 0.00	94.60 8.20 0.00	112.75 9.34 0.00	130.79 10.92 0.00	164.23 13.78 0.00	106.51 9.72 0.00	102.12 9.45 0.00	107.44 10.06 0.00	109.24 9.37 -0.04	99.55 8.31 0.00	103.78 8.59 -1.76	116.69 9.88 0.00	119.64 10.23 0.00	101.43 8.14 -10.23	141.99 9.78 -38.66	189.61 9.45 -92.43	281.23 5.93 -219.92	274.11 5.41 -217.34	189.24 6.78 -117.08	148.08 6.01 -85.24	210.44 6.58 -141.30	176.27 10.20 -67.97	170.68 7.30 -93.67
MONGAUP___HYD 23641	124.93 9.10 0.00	122.38 8.86 0.00	93.03 6.62 0.00	110.74 7.34 0.00	128.21 8.34 0.00	160.88 10.42 0.00	104.31 7.53 0.00	100.03 7.36 0.00	105.17 7.78 0.00	107.28 7.43 -0.03	97.16 5.92 0.00	101.03 6.33 -1.28	114.02 7.21 0.00	116.50 7.08 0.00	96.15 5.67 -7.41	123.07 6.53 -22.99	112.43 6.44 -18.27	149.59 4.29 -89.92	150.91 3.99 -95.56	135.13 5.03 -64.73	99.32 4.45 -38.05	100.22 4.70 -32.95	138.83 7.32 -33.42	142.10 5.17 -67.22
MONTAUK___DIESEL 23721	141.03 16.38 -8.82	146.80 16.00 -17.28	98.72 12.31 0.00	117.64 14.24 0.00	136.80 16.93 0.00	172.66 22.20 0.00	153.73 15.79 -41.16	155.41 15.56 -47.18	132.07 16.27 -18.40	114.13 14.27 -0.04	103.97 12.73 0.00	107.44 12.62 -1.40	120.48 13.67 0.00	123.41 14.00 0.00	116.35 10.86 -22.42	127.71 9.01 -25.15	238.49 9.99 -140.78	177.21 5.90 -115.93	160.97 5.03 -104.58	150.93 6.47 -79.08	150.52 5.47 -88.22	134.71 5.21 -66.94	164.35 8.18 -58.07	149.00 5.76 -73.53
MOONROAD_115KV_HARTFLD_TB1-2 355988	111.29 -4.54 0.00	108.56 -4.96 0.00	81.66 -4.74 0.00	96.91 -6.49 0.00	111.91 -7.96 0.00	139.17 -11.28 0.00	88.50 -8.28 0.00	83.12 -9.55 0.00	85.98 -11.41 0.00	88.75 -11.08 0.00	74.24 -9.28 7.72	81.15 -8.09 4.18	91.57 -10.41 4.83	86.24 -10.45 12.72	68.82 -7.76 6.49	80.26 -7.71 5.58	74.50 -7.38 5.84	57.41 -5.69 -7.72	31.06 -6.11 14.18	17.63 -8.12 39.63	30.07 -6.61 20.15	47.65 -7.32 7.60	77.45 -11.25 9.39	71.88 -7.94 -10.11

MORRIS_RIDGE___SOLAR 323848	110.47 -5.36 0.00	108.10 -5.41 0.00	81.68 -4.73 0.00	97.13 -6.28 0.00	112.83 -7.04 0.00	142.07 -8.39 0.00	91.01 -5.78 0.00	85.82 -6.86 0.00	89.40 -7.98 0.00	91.62 -8.20 0.00	54.76 -8.26 28.22	58.73 -7.91 26.78	72.68 -9.44 24.69	58.00 -9.23 42.18	29.98 -6.43 46.66	32.13 -7.19 54.23	34.68 -6.31 46.73	40.37 -4.02 10.99	-30.94 -3.89 78.41	-21.44 -4.99 81.83	13.96 -4.44 38.42	17.63 -5.80 39.13	44.79 -9.29 44.02	71.54 -6.41 -8.25
MORTIMER_115KV_TB3 55949	111.71 -4.12 0.00	109.19 -4.33 0.00	82.80 -3.60 0.00	98.61 -4.80 0.00	114.78 -5.09 0.00	144.34 -6.12 0.00	92.46 -4.32 0.00	87.87 -4.80 0.00	91.57 -5.82 0.00	93.94 -5.89 0.00	84.01 -5.26 1.97	89.17 -4.47 -0.21	100.85 -5.49 0.47	100.07 -5.62 3.72	79.81 -4.33 -1.07	91.32 -4.95 -2.71	82.96 -4.56 0.19	58.83 -2.77 -6.22	55.56 -2.76 -6.96	69.55 -3.50 -7.67	54.86 -2.81 -0.85	56.41 -3.43 2.73	91.65 -5.20 1.25	74.16 -3.47 -7.92
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	125.62 9.80 0.00	122.97 9.44 0.00	93.40 7.00 0.00	110.95 7.54 0.00	128.43 8.56 0.00	161.12 10.67 0.00	104.61 7.82 0.00	100.32 7.65 0.00	105.78 8.39 0.00	108.66 8.79 -0.04	98.43 7.18 0.00	102.27 7.45 -1.40	115.37 8.56 0.00	118.00 8.59 0.00	97.72 6.54 -8.11	125.63 6.91 -25.16	114.45 6.70 -20.03	158.14 4.31 -98.45	159.95 3.96 -104.62	141.25 5.02 -70.85	103.00 4.53 -41.65	103.46 4.78 -36.11	142.16 7.48 -36.58	148.65 5.38 -73.57
MUNSVILLE_WIND_PWR 323609	127.74 11.84 -0.08	125.34 11.82 0.00	95.07 8.67 0.00	113.45 10.04 0.00	131.48 11.61 0.00	165.45 15.00 0.00	106.72 9.94 0.00	102.90 10.23 0.00	107.54 10.15 0.00	109.44 9.59 -0.02	105.75 8.23 -6.28	102.81 7.99 -1.40	117.48 8.45 -2.22	130.42 9.61 -11.40	94.25 6.95 -4.23	112.87 8.62 -10.70	109.13 8.92 -12.50	104.02 5.77 -42.88	103.57 4.42 -47.79	97.08 5.00 -26.70	85.17 4.39 -23.95	94.33 4.24 -27.53	130.02 5.14 -26.79	98.98 3.61 -25.67
N SALMON___HYD 24042	116.88 1.06 0.00	114.35 0.83 0.00	87.31 0.91 0.00	105.13 1.73 0.00	121.80 1.92 0.00	152.94 2.49 0.00	97.60 0.81 0.00	93.53 0.86 0.00	98.60 1.21 0.00	101.09 1.27 0.00	92.30 1.06 0.00	94.37 0.95 0.00	107.97 1.15 0.00	110.47 1.06 0.00	83.92 0.85 0.00	94.58 1.03 0.00	88.91 1.19 0.00	56.01 0.63 0.00	51.68 0.32 0.00	65.50 0.13 0.00	56.22 -0.61 0.00	62.05 -0.51 0.00	97.44 -0.65 0.00	69.55 -0.16 0.00
N.AKRON__115KV_KNAPP 355671	109.12 -6.70 0.00	106.56 -6.96 0.00	80.63 -5.78 0.00	95.94 -7.47 0.00	112.04 -7.83 0.00	141.10 -9.35 0.00	89.69 -7.10 0.00	84.50 -8.17 0.00	87.45 -9.94 0.00	89.88 -9.94 0.00	77.09 -8.65 5.50	82.81 -7.45 3.17	93.83 -9.43 3.55	91.03 -9.32 9.05	71.01 -7.28 4.78	81.29 -8.39 3.87	75.66 -7.92 4.14	57.72 -4.99 -7.33	45.92 -4.77 0.57	57.67 -6.01 1.70	49.33 -4.70 2.79	51.72 -5.35 5.50	83.41 -7.95 6.74	72.85 -5.60 -8.75
N.BELMOR_69_KV_BK1 55787	135.77 11.12 -8.82	141.80 11.00 -17.28	94.49 8.08 0.00	112.09 8.68 0.00	129.81 9.94 0.00	162.88 12.42 0.00	147.11 9.17 -41.16	148.76 8.90 -47.18	125.43 9.64 -18.40	109.50 9.64 -0.04	99.37 8.13 0.00	103.18 8.35 -1.40	116.23 9.42 0.00	119.26 9.85 0.00	113.12 7.63 -22.42	126.79 8.09 -25.15	236.55 8.06 -140.78	176.48 5.17 -115.93	160.66 4.73 -104.58	150.51 6.06 -79.08	150.46 5.42 -88.22	135.25 5.74 -66.94	165.10 8.93 -58.07	149.48 6.24 -73.53
N.E_GEN_SANDY PD 24062	122.97 7.15 0.00	120.61 7.09 0.00	91.92 5.51 0.00	109.32 5.91 0.00	126.51 6.64 0.00	155.25 7.86 3.07	105.21 5.61 -2.82	98.07 5.39 0.00	103.36 5.97 0.00	105.99 6.12 -0.04	97.04 5.80 0.00	101.16 6.16 -1.58	113.67 6.86 0.00	116.27 6.86 0.00	97.58 5.40 -9.11	128.88 5.89 -29.44	126.88 5.29 -33.87	185.33 3.32 -126.63	186.37 3.05 -131.97	153.49 3.83 -84.28	112.60 3.45 -52.32	123.24 3.91 -56.77	148.53 6.18 -44.26	161.58 4.56 -87.31
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	124.04 8.22 0.00	121.46 7.94 0.00	92.30 5.89 0.00	109.77 6.37 0.00	127.05 7.18 0.00	159.35 8.89 0.00	103.44 6.66 0.00	99.08 6.41 0.00	104.38 6.99 0.00	107.08 7.22 -0.03	97.16 5.92 0.00	100.82 6.05 -1.35	113.73 6.92 0.00	116.30 6.89 0.00	96.23 5.34 -7.82	123.62 5.81 -24.26	112.53 5.52 -19.30	153.92 3.63 -94.91	155.57 3.34 -100.87	137.90 4.21 -68.31	100.76 3.78 -40.16	101.33 3.97 -34.80	139.59 6.23 -35.28	145.16 4.51 -70.94
N.QUEENS_27_KV_LOAD 356247	125.99 10.17 0.00	123.37 9.85 0.00	93.60 7.19 0.00	111.14 7.73 0.00	128.67 8.80 0.00	161.39 10.94 0.00	104.86 8.08 0.00	100.57 7.90 0.00	106.07 8.69 0.00	109.03 9.17 -0.04	98.81 7.57 0.00	102.84 8.02 -1.40	116.17 9.36 0.00	118.63 9.22 0.00	98.03 6.85 -8.11	126.00 7.29 -25.16	114.70 6.95 -20.03	158.28 4.45 -98.45	160.05 4.07 -104.62	141.49 5.27 -70.85	103.25 4.78 -41.65	103.68 5.00 -36.11	142.43 7.75 -36.58	148.81 5.54 -73.56
N.TROY___115KV_TB1 355778	122.28 6.45 0.00	119.92 6.40 0.00	91.42 5.02 0.00	108.91 5.50 0.00	126.11 6.24 0.00	157.94 7.49 0.00	102.06 5.28 0.00	97.75 5.08 0.00	102.91 5.52 0.00	105.34 5.47 -0.04	96.49 5.25 0.00	100.72 5.57 -1.73	113.03 6.22 0.00	115.81 6.40 0.00	98.14 5.03 -10.04	135.90 5.63 -36.72	171.67 5.17 -78.78	257.44 3.22 -198.83	252.47 2.96 -198.15	179.13 3.75 -110.01	138.01 3.32 -77.86	187.96 3.74 -121.66	166.79 5.86 -62.84	165.72 4.22 -91.79
NARROWS_GT1_1 24228	150.15 10.41 -23.92	146.58 10.00 -23.06	116.84 7.36 -23.08	134.13 7.99 -22.73	151.84 9.11 -22.86	197.64 11.37 -35.81	126.44 8.33 -21.33	124.95 8.12 -24.16	519.61 9.01 -413.21	299.37 9.49 -190.05	130.87 7.62 -32.00	131.60 8.01 -30.17	243.91 9.20 -127.91	403.35 9.20 -284.73	126.89 6.93 -36.90	138.78 7.39 -37.84	144.27 7.12 -49.44	190.43 4.63 -130.41	229.02 4.27 -173.39	144.34 5.44 -73.52	115.60 4.90 -53.86	107.63 5.13 -39.93	171.57 8.11 -65.36	195.83 5.93 -120.19
NARROWS_GT1_2 24229	150.15 10.41 -23.92	146.58 10.00 -23.06	116.84 7.36 -23.08	134.13 7.99 -22.73	151.84 9.11 -22.86	197.64 11.37 -35.81	126.44 8.33 -21.33	124.95 8.12 -24.16	519.61 9.01 -413.21	299.37 9.49 -190.05	130.87 7.62 -32.00	131.60 8.01 -30.17	243.91 9.20 -127.91	403.35 9.20 -284.73	126.89 6.93 -36.90	138.78 7.39 -37.84	144.27 7.12 -49.44	190.43 4.63 -130.41	229.02 4.27 -173.39	144.34 5.44 -73.52	115.60 4.90 -53.86	107.63 5.13 -39.93	171.57 8.11 -65.36	195.83 5.93 -120.19
NARROWS_GT1_3 24230	150.15 10.41 -23.92	146.58 10.00 -23.06	116.84 7.36 -23.08	134.13 7.99 -22.73	151.84 9.11 -22.86	197.64 11.37 -35.81	126.44 8.33 -21.33	124.95 8.12 -24.16	519.61 9.01 -413.21	299.37 9.49 -190.05	130.87 7.62 -32.00	131.60 8.01 -30.17	243.91 9.20 -127.91	403.35 9.20 -284.73	126.89 6.93 -36.90	138.78 7.39 -37.84	144.27 7.12 -49.44	190.43 4.63 -130.41	229.02 4.27 -173.39	144.34 5.44 -73.52	115.60 4.90 -53.86	107.63 5.13 -39.93	171.57 8.11 -65.36	195.83 5.93 -120.19
NARROWS_GT1_4 24231	150.15 10.41 -23.92	146.58 10.00 -23.06	116.84 7.36 -23.08	134.13 7.99 -22.73	151.84 9.11 -22.86	197.64 11.37 -35.81	126.44 8.33 -21.33	124.95 8.12 -24.16	519.61 9.01 -413.21	299.37 9.49 -190.05	130.87 7.62 -32.00	131.60 8.01 -30.17	243.91 9.20 -127.91	403.35 9.20 -284.73	126.89 6.93 -36.90	138.78 7.39 -37.84	144.27 7.12 -49.44	190.43 4.63 -130.41	229.02 4.27 -173.39	144.34 5.44 -73.52	115.60 4.90 -53.86	107.63 5.13 -39.93	171.57 8.11 -65.36	195.83 5.93 -120.19

NARROWS_GT1_5 24232	150.15 10.41 -23.92	146.58 10.00 -23.06	116.84 7.36 -23.08	134.13 7.99 -22.73	151.84 9.11 -22.86	197.64 11.37 -35.81	126.44 8.33 -21.33	124.95 8.12 -24.16	519.61 9.01 -413.21	299.37 9.49 -190.05	130.87 7.62 -32.00	131.60 8.01 -30.17	243.91 9.20 -127.91	403.35 9.20 -284.73	126.89 6.93 -36.90	138.78 7.39 -37.84	144.27 7.12 -49.44	190.43 4.63 -130.41	229.02 4.27 -173.39	144.34 5.44 -73.52	115.60 4.90 -53.86	107.63 5.13 -39.93	171.57 8.11 -65.36	195.83 5.93 -120.19
NARROWS_GT1_6 24233	150.15 10.41 -23.92	146.58 10.00 -23.06	116.84 7.36 -23.08	134.13 7.99 -22.73	151.84 9.11 -22.86	197.64 11.37 -35.81	126.44 8.33 -21.33	124.95 8.12 -24.16	519.61 9.01 -413.21	299.37 9.49 -190.05	130.87 7.62 -32.00	131.60 8.01 -30.17	243.91 9.20 -127.91	403.35 9.20 -284.73	126.89 6.93 -36.90	138.78 7.39 -37.84	144.27 7.12 -49.44	190.43 4.63 -130.41	229.02 4.27 -173.39	144.34 5.44 -73.52	115.60 4.90 -53.86	107.63 5.13 -39.93	171.57 8.11 -65.36	195.83 5.93 -120.19
NARROWS_GT1_7 24234	150.15 10.41 -23.92	146.58 10.00 -23.06	116.84 7.36 -23.08	134.13 7.99 -22.73	151.84 9.11 -22.86	197.64 11.37 -35.81	126.44 8.33 -21.33	124.95 8.12 -24.16	519.61 9.01 -413.21	299.37 9.49 -190.05	130.87 7.62 -32.00	131.60 8.01 -30.17	243.91 9.20 -127.91	403.35 9.20 -284.73	126.89 6.93 -36.90	138.78 7.39 -37.84	144.27 7.12 -49.44	190.43 4.63 -130.41	229.02 4.27 -173.39	144.34 5.44 -73.52	115.60 4.90 -53.86	107.63 5.13 -39.93	171.57 8.11 -65.36	195.83 5.93 -120.19
NARROWS_GT1_8 24235	150.15 10.41 -23.92	146.58 10.00 -23.06	116.84 7.36 -23.08	134.13 7.99 -22.73	151.84 9.11 -22.86	197.64 11.37 -35.81	126.44 8.33 -21.33	124.95 8.12 -24.16	519.61 9.01 -413.21	299.37 9.49 -190.05	130.87 7.62 -32.00	131.60 8.01 -30.17	243.91 9.20 -127.91	403.35 9.20 -284.73	126.89 6.93 -36.90	138.78 7.39 -37.84	144.27 7.12 -49.44	190.43 4.63 -130.41	229.02 4.27 -173.39	144.34 5.44 -73.52	115.60 4.90 -53.86	107.63 5.13 -39.93	171.57 8.11 -65.36	195.83 5.93 -120.19
NARROWS_GT2_1 24236	150.15 10.41 -23.92	146.58 10.00 -23.06	116.84 7.36 -23.08	134.13 7.99 -22.73	151.84 9.11 -22.86	197.64 11.37 -35.81	126.44 8.33 -21.33	124.95 8.12 -24.16	519.61 9.01 -413.21	299.37 9.49 -190.05	130.87 7.62 -32.00	131.60 8.01 -30.17	243.91 9.20 -127.91	403.35 9.20 -284.73	126.89 6.93 -36.90	138.78 7.39 -37.84	144.27 7.12 -49.44	190.43 4.63 -130.41	229.02 4.27 -173.39	144.34 5.44 -73.52	115.60 4.90 -53.86	107.63 5.13 -39.93	171.57 8.11 -65.36	195.83 5.93 -120.19
NARROWS_GT2_2 24237	150.15 10.41 -23.92	146.58 10.00 -23.06	116.84 7.36 -23.08	134.13 7.99 -22.73	151.84 9.11 -22.86	197.64 11.37 -35.81	126.44 8.33 -21.33	124.95 8.12 -24.16	519.61 9.01 -413.21	299.37 9.49 -190.05	130.87 7.62 -32.00	131.60 8.01 -30.17	243.91 9.20 -127.91	403.35 9.20 -284.73	126.89 6.93 -36.90	138.78 7.39 -37.84	144.27 7.12 -49.44	190.43 4.63 -130.41	229.02 4.27 -173.39	144.34 5.44 -73.52	115.60 4.90 -53.86	107.63 5.13 -39.93	171.57 8.11 -65.36	195.83 5.93 -120.19
NARROWS_GT2_3 24238	150.15 10.41 -23.92	146.58 10.00 -23.06	116.84 7.36 -23.08	134.13 7.99 -22.73	151.84 9.11 -22.86	197.64 11.37 -35.81	126.44 8.33 -21.33	124.95 8.12 -24.16	519.61 9.01 -413.21	299.37 9.49 -190.05	130.87 7.62 -32.00	131.60 8.01 -30.17	243.91 9.20 -127.91	403.35 9.20 -284.73	126.89 6.93 -36.90	138.78 7.39 -37.84	144.27 7.12 -49.44	190.43 4.63 -130.41	229.02 4.27 -173.39	144.34 5.44 -73.52	115.60 4.90 -53.86	107.63 5.13 -39.93	171.57 8.11 -65.36	195.83 5.93 -120.19
NARROWS_GT2_4 24239	150.15 10.41 -23.92	146.58 10.00 -23.06	116.84 7.36 -23.08	134.13 7.99 -22.73	151.84 9.11 -22.86	197.64 11.37 -35.81	126.44 8.33 -21.33	124.95 8.12 -24.16	519.61 9.01 -413.21	299.37 9.49 -190.05	130.87 7.62 -32.00	131.60 8.01 -30.17	243.91 9.20 -127.91	403.35 9.20 -284.73	126.89 6.93 -36.90	138.78 7.39 -37.84	144.27 7.12 -49.44	190.43 4.63 -130.41	229.02 4.27 -173.39	144.34 5.44 -73.52	115.60 4.90 -53.86	107.63 5.13 -39.93	171.57 8.11 -65.36	195.83 5.93 -120.19
NARROWS_GT2_5 24240	150.15 10.41 -23.92	146.58 10.00 -23.06	116.84 7.36 -23.08	134.13 7.99 -22.73	151.84 9.11 -22.86	197.64 11.37 -35.81	126.44 8.33 -21.33	124.95 8.12 -24.16	519.61 9.01 -413.21	299.37 9.49 -190.05	130.87 7.62 -32.00	131.60 8.01 -30.17	243.91 9.20 -127.91	403.35 9.20 -284.73	126.89 6.93 -36.90	138.78 7.39 -37.84	144.27 7.12 -49.44	190.43 4.63 -130.41	229.02 4.27 -173.39	144.34 5.44 -73.52	115.60 4.90 -53.86	107.63 5.13 -39.93	171.57 8.11 -65.36	195.83 5.93 -120.19
NARROWS_GT2_6 24241	150.15 10.41 -23.92	146.58 10.00 -23.06	116.84 7.36 -23.08	134.13 7.99 -22.73	151.84 9.11 -22.86	197.64 11.37 -35.81	126.44 8.33 -21.33	124.95 8.12 -24.16	519.61 9.01 -413.21	299.37 9.49 -190.05	130.87 7.62 -32.00	131.60 8.01 -30.17	243.91 9.20 -127.91	403.35 9.20 -284.73	126.89 6.93 -36.90	138.78 7.39 -37.84	144.27 7.12 -49.44	190.43 4.63 -130.41	229.02 4.27 -173.39	144.34 5.44 -73.52	115.60 4.90 -53.86	107.63 5.13 -39.93	171.57 8.11 -65.36	195.83 5.93 -120.19
NARROWS_GT2_7 24242	150.15 10.41 -23.92	146.58 10.00 -23.06	116.84 7.36 -23.08	134.13 7.99 -22.73	151.84 9.11 -22.86	197.64 11.37 -35.81	126.44 8.33 -21.33	124.95 8.12 -24.16	519.61 9.01 -413.21	299.37 9.49 -190.05	130.87 7.62 -32.00	131.60 8.01 -30.17	243.91 9.20 -127.91	403.35 9.20 -284.73	126.89 6.93 -36.90	138.78 7.39 -37.84	144.27 7.12 -49.44	190.43 4.63 -130.41	229.02 4.27 -173.39	144.34 5.44 -73.52	115.60 4.90 -53.86	107.63 5.13 -39.93	171.57 8.11 -65.36	195.83 5.93 -120.19
NARROWS_GT2_8 24243	150.15 10.41 -23.92	146.58 10.00 -23.06	116.84 7.36 -23.08	134.13 7.99 -22.73	151.84 9.11 -22.86	197.64 11.37 -35.81	126.44 8.33 -21.33	124.95 8.12 -24.16	519.61 9.01 -413.21	299.37 9.49 -190.05	130.87 7.62 -32.00	131.60 8.01 -30.17	243.91 9.20 -127.91	403.35 9.20 -284.73	126.89 6.93 -36.90	138.78 7.39 -37.84	144.27 7.12 -49.44	190.43 4.63 -130.41	229.02 4.27 -173.39	144.34 5.44 -73.52	115.60 4.90 -53.86	107.63 5.13 -39.93	171.57 8.11 -65.36	195.83 5.93 -120.19
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	123.55 7.72 0.00	121.12 7.60 0.00	92.29 5.89 0.00	110.19 6.78 0.00	127.48 7.61 0.00	159.82 9.37 0.00	103.19 6.41 0.00	98.96 6.29 0.00	104.15 6.77 0.00	106.13 6.27 -0.04	97.00 5.76 0.00	100.90 5.85 -1.63	113.07 6.25 0.00	116.56 7.15 0.00	97.88 5.36 -9.45	130.75 5.95 -31.25	136.02 6.18 -42.12	200.92 4.06 -141.48	200.84 3.71 -145.77	160.30 4.63 -90.29	118.50 4.01 -57.67	135.69 4.28 -68.85	153.45 6.63 -48.73	160.06 4.40 -85.96
NCHELSEA_115KV_TR2 355582	125.71 9.89 0.00	123.06 9.53 0.00	93.56 7.16 0.00	111.28 7.87 0.00	128.88 9.01 0.00	161.61 11.16 0.00	104.80 8.02 0.00	100.46 7.79 0.00	105.85 8.46 0.00	108.52 8.66 -0.04	98.57 7.33 0.00	102.40 7.58 -1.40	115.41 8.59 0.00	118.08 8.67 0.00	97.87 6.68 -8.12	126.10 7.34 -25.22	115.06 7.04 -20.30	158.85 4.56 -98.91	160.59 4.18 -105.05	141.69 5.29 -71.03	103.33 4.69 -41.82	104.08 5.01 -36.50	142.58 7.78 -36.70	148.91 5.55 -73.65
NEG CAPITAL___MECHNVIL 23645	124.27 8.45 0.00	121.81 8.29 0.00	92.85 6.45 0.00	110.70 7.30 0.00	128.31 8.43 0.00	160.95 10.49 0.00	104.06 7.27 0.00	99.74 7.07 0.00	104.87 7.48 0.00	107.04 7.17 -0.04	97.67 6.43 0.00	101.94 6.76 -1.75	114.56 7.75 0.00	117.53 8.12 0.00	99.65 6.41 -10.16	139.04 7.40 -38.09	183.36 7.11 -88.53	273.67 4.46 -213.84	267.23 4.08 -211.79	185.50 5.11 -115.01	144.44 4.51 -83.11	203.17 4.93 -135.68	172.23 7.65 -66.48	168.25 5.47 -93.07



NEG CENTRAL_HIGH_ACRES 23767	110.61 -5.11 0.11	108.27 -5.25 0.00	82.15 -4.26 0.00	97.87 -5.54 0.00	113.83 -6.04 0.00	143.12 -7.34 0.00	91.82 -4.97 0.00	87.47 -5.20 0.00	91.25 -6.14 0.00	93.61 -6.22 0.00	84.20 -5.57 1.47	88.58 -5.01 -0.16	100.42 -6.02 0.37	100.54 -6.11 2.76	79.37 -4.66 -0.96	90.78 -5.34 -2.57	82.69 -4.88 0.14	59.00 -3.00 -6.62	55.72 -2.95 -7.31	68.89 -3.76 -7.28	55.18 -3.11 -1.47	57.08 -3.79 1.69	92.19 -5.86 0.04	73.62 -4.00 -7.91
NEG CENTRAL___DRP 24199	114.50 -1.33 0.00	112.00 -1.52 0.00	85.13 -1.28 0.00	101.65 -1.76 0.00	117.79 -2.08 0.00	147.95 -2.51 0.00	95.48 -1.31 0.00	91.34 -1.33 0.00	95.46 -1.93 0.00	97.64 -2.18 0.00	88.26 -2.15 0.83	93.56 -1.83 -1.96	105.64 -2.11 -0.94	104.90 -2.24 2.27	85.80 -1.50 -4.23	98.87 -1.63 -6.95	91.58 -1.25 -5.12	65.84 -0.64 -11.10	66.72 -0.61 -15.97	79.90 -1.04 -15.56	60.62 -0.79 -4.58	63.72 -1.19 -2.34	97.58 -2.27 -1.76	76.87 -1.44 -8.61
NEG CENTRAL___INDECK 23768	112.49 -3.33 0.00	109.99 -3.53 0.00	83.39 -3.02 0.00	99.15 -4.25 0.00	115.10 -4.77 0.00	144.76 -5.69 0.00	93.46 -3.32 0.00	88.71 -3.96 0.00	92.47 -4.91 0.00	94.72 -5.11 0.00	97.49 -4.67 -10.91	111.75 -1.13 -19.46	118.94 -3.08 -15.21	118.78 -3.46 -12.83	116.05 -2.69 -35.67	136.73 -2.49 -45.66	123.28 -1.71 -37.27	81.52 -0.78 -26.93	125.57 -0.83 -75.04	144.85 -1.02 -80.49	82.97 -0.96 -27.10	82.18 -2.01 -21.62	115.85 -3.37 -21.13	79.92 -2.33 -12.54
NEG CENTRAL___SENECA 23627	114.21 -1.62 0.00	111.73 -1.79 0.00	84.93 -1.47 0.00	101.40 -2.00 0.00	117.45 -2.42 0.00	147.52 -2.93 0.00	95.32 -1.47 0.00	91.18 -1.49 0.00	95.07 -2.32 0.00	97.16 -2.66 0.00	86.70 -2.53 2.02	94.34 -2.13 -3.05	105.48 -2.66 -1.33	101.65 -2.85 4.92	87.43 -1.88 -6.24	100.95 -2.05 -9.45	92.94 -1.63 -6.85	65.32 -0.83 -10.77	68.56 -0.78 -17.99	84.45 -1.30 -20.37	59.53 -0.96 -3.66	61.39 -1.46 -0.28	94.11 -2.83 1.15	76.66 -1.79 -8.75
NEG CENTRAL___STATE_STREET 24147	116.07 0.24 0.00	113.26 -0.27 0.00	86.04 -0.36 0.00	102.71 -0.70 0.00	119.13 -0.74 0.00	149.63 -0.82 0.00	96.44 -0.34 0.00	92.28 -0.39 0.00	96.79 -0.60 0.00	99.22 -0.62 -0.01	91.67 -0.86 -1.28	93.00 -0.60 -0.18	106.60 -0.54 -0.33	111.24 -0.58 -2.40	83.75 -0.35 -1.03	96.46 -0.41 -3.31	90.28 -0.14 -2.70	69.37 0.06 -13.94	66.38 -0.01 -15.03	74.08 -0.32 -9.03	63.80 -0.25 -7.23	69.05 -0.38 -6.86	104.74 -1.08 -7.73	79.20 -0.48 -9.97
NEG MILLWOOD___DRP 24198	126.39 10.56 0.00	123.73 10.21 0.00	94.10 7.69 0.00	111.88 8.47 0.00	129.60 9.73 0.00	162.53 12.08 0.00	105.44 8.65 0.00	101.10 8.42 0.00	106.61 9.23 0.00	109.38 9.51 -0.04	99.27 8.03 0.00	103.10 8.26 -1.41	116.20 9.38 0.00	118.89 9.48 0.00	98.55 7.29 -8.20	126.92 7.93 -25.44	115.71 7.61 -20.38	160.04 4.98 -99.68	161.80 4.55 -105.89	142.76 5.74 -71.65	104.07 5.08 -42.15	104.69 5.43 -36.69	143.55 8.44 -37.01	150.04 6.00 -74.33
NEG NORTH_FLCN_SEA 23793	116.13 0.31 0.00	113.67 0.15 0.00	86.87 0.47 0.00	104.46 1.05 0.00	120.76 0.89 0.00	151.21 0.75 0.00	96.79 0.00 0.00	92.18 -0.49 0.00	97.11 -0.27 0.00	99.61 -0.22 0.00	90.99 -0.26 0.00	93.14 -0.28 0.00	106.80 -0.02 0.00	109.06 -0.35 0.00	83.06 0.00 0.00	93.75 0.19 0.00	88.13 0.42 0.00	55.57 0.19 0.00	51.20 -0.16 0.00	64.88 -0.49 0.00	55.48 -1.35 0.00	61.15 -1.41 0.00	96.05 -2.05 0.00	68.91 -0.79 0.00
NEG NORTH_KES_CHATEGAY 23792	114.49 -1.34 0.00	112.06 -1.46 0.00	85.63 -0.77 0.00	103.14 -0.27 0.00	119.47 -0.40 0.00	150.18 -0.28 0.00	96.02 -0.77 0.00	91.87 -0.80 0.00	96.83 -0.56 0.00	99.37 -0.45 0.00	90.68 -0.56 0.00	92.64 -0.78 0.00	105.88 -0.93 0.00	108.30 -1.11 0.00	82.31 -0.76 0.00	92.79 -0.76 0.00	87.43 -0.28 0.00	55.08 -0.29 0.00	50.81 -0.55 0.00	64.31 -1.06 0.00	55.06 -1.76 0.00	60.83 -1.74 0.00	95.50 -2.59 0.00	68.16 -1.54 0.00
NEG NORTH___ALICE_FALLS 23915	116.86 1.03 0.00	114.34 0.82 0.00	87.38 0.98 0.00	105.11 1.70 0.00	121.64 1.77 0.00	152.58 2.12 0.00	97.68 0.90 0.00	93.25 0.58 0.00	98.21 0.82 0.00	100.78 0.95 0.00	91.82 0.57 0.00	93.99 0.56 0.00	107.63 0.82 0.00	109.97 0.56 0.00	83.76 0.70 0.00	94.50 0.95 0.00	88.95 1.23 0.00	56.10 0.72 0.00	51.70 0.34 0.00	65.47 0.09 0.00	56.00 -0.83 0.00	61.69 -0.87 0.00	96.87 -1.23 0.00	69.33 -0.37 0.00
NEG NORTH___LWR_SARANAC 23913	116.86 1.03 0.00	114.34 0.82 0.00	87.38 0.98 0.00	105.11 1.70 0.00	121.64 1.77 0.00	152.58 2.12 0.00	97.68 0.90 0.00	93.25 0.58 0.00	98.21 0.82 0.00	100.78 0.95 0.00	91.82 0.57 0.00	93.99 0.56 0.00	107.63 0.82 0.00	109.97 0.56 0.00	83.76 0.70 0.00	94.50 0.95 0.00	88.95 1.23 0.00	56.10 0.72 0.00	51.70 0.34 0.00	65.47 0.09 0.00	56.00 -0.83 0.00	61.69 -0.87 0.00	96.87 -1.23 0.00	69.33 -0.37 0.00
NEG NORTH___PLATTSBURG 23628	116.86 1.03 0.00	114.34 0.82 0.00	87.38 0.98 0.00	105.11 1.70 0.00	121.64 1.77 0.00	152.58 2.12 0.00	97.68 0.90 0.00	93.25 0.58 0.00	98.21 0.82 0.00	100.78 0.95 0.00	91.82 0.58 0.00	94.01 0.59 0.00	107.65 0.84 0.00	109.98 0.57 0.00	83.76 0.70 0.00	94.52 0.96 0.00	88.94 1.23 0.00	56.10 0.72 0.00	51.70 0.35 0.00	65.47 0.09 0.00	56.00 -0.83 0.00	61.71 -0.85 0.00	96.88 -1.21 0.00	69.35 -0.35 0.00
NEG WEST_LEA_LOCKPORT 23791	106.29 -9.53 0.00	103.83 -9.69 0.00	78.52 -7.88 0.00	93.38 -10.03 0.00	109.06 -10.81 0.00	137.35 -13.10 0.00	87.15 -9.63 0.00	81.90 -10.78 0.00	84.58 -12.80 0.01	87.01 -12.81 0.00	70.90 -11.24 9.10	77.54 -10.01 5.87	88.09 -12.33 6.39	82.89 -12.19 14.33	63.80 -9.38 9.89	72.83 -10.89 9.83	68.05 -10.29 9.37	54.09 -6.61 -5.33	35.02 -6.39 9.95	46.85 -7.93 10.60	42.89 -6.32 7.62	48.90 -7.02 6.64	79.63 -10.45 8.01	71.32 -7.27 -8.88
NEG WEST___LANCASTER 23811	109.74 -6.08 0.00	107.24 -6.28 0.00	81.22 -5.19 0.00	96.67 -6.74 0.00	112.48 -7.39 0.00	141.48 -8.97 0.00	90.22 -6.56 0.00	85.21 -7.46 0.00	88.50 -8.89 0.00	90.96 -8.87 0.00	75.79 -7.77 7.69	82.29 -6.87 4.27	93.58 -8.35 4.88	88.68 -8.10 12.64	70.25 -6.19 6.62	80.56 -7.29 5.70	75.03 -6.77 5.92	58.71 -4.71 -8.04	43.93 -4.66 2.77	55.99 -5.94 3.44	47.39 -4.67 4.77	49.97 -5.18 7.42	81.22 -7.70 9.17	74.40 -5.66 -10.35
NEG_PENN_ALLEGHNY 23528	116.59 0.71 -0.06	114.17 0.65 0.00	86.72 0.32 0.00	103.61 0.21 0.00	120.01 0.14 0.00	150.72 0.27 0.00	97.09 0.31 0.00	92.79 0.12 0.00	97.40 0.01 0.00	99.77 -0.07 -0.01	89.09 -0.49 1.66	93.76 -0.11 -0.45	106.21 -0.17 0.42	106.15 -0.13 3.12	85.75 0.08 -2.60	101.50 -0.10 -8.05	94.80 0.00 -7.08	86.31 -0.05 -30.98	83.71 -0.14 -32.49	88.46 -0.14 -23.22	68.19 -0.10 -11.47	72.08 -0.40 -9.91	105.54 -0.71 -8.15	92.05 -0.45 -22.79
NEG___GEN_MONROE 24207	112.29 -3.53 0.00	109.66 -3.86 0.00	83.15 -3.26 0.00	99.03 -4.38 0.00	115.31 -4.56 0.00	145.06 -5.40 0.00	92.86 -3.92 0.00	88.16 -4.52 0.00	91.82 -5.57 0.00	94.19 -5.63 0.00	84.23 -5.02 1.99	89.48 -4.18 -0.23	101.05 -5.30 0.46	100.25 -5.39 3.77	79.87 -4.31 -1.11	91.57 -4.74 -2.77	83.20 -4.34 0.17	59.04 -2.61 -6.26	55.81 -2.60 -7.05	69.91 -3.26 -7.79	55.10 -2.57 -0.84	56.59 -3.17 2.80	92.01 -4.77 1.32	74.45 -3.24 -7.99

NEPA__ENERGY 23901	109.88 -5.95 0.00	107.28 -6.24 0.00	80.94 -5.46 0.00	96.15 -7.25 0.00	111.73 -8.14 0.00	140.34 -10.12 0.00	89.26 -7.52 0.00	84.07 -8.61 0.00	86.96 -10.42 0.00	89.56 -10.26 0.00	73.41 -9.01 8.82	79.60 -7.93 5.89	90.65 -9.95 6.21	85.45 -9.84 14.12	65.96 -7.53 9.57	75.87 -8.25 9.43	70.85 -7.85 9.02	55.96 -5.33 -5.91	36.95 -5.30 9.10	48.49 -6.84 10.05	44.04 -5.56 7.23	46.63 -6.41 9.52	77.08 -9.71 11.31	72.46 -6.77 -9.52
NEVERSink__HYD 23608	123.54 7.72 0.00	120.81 7.29 0.00	91.83 5.43 0.00	109.32 5.91 0.00	126.62 6.75 0.00	158.92 8.46 0.00	102.98 6.20 0.00	98.78 6.11 0.00	104.05 6.66 0.00	106.47 6.61 -0.03	96.56 5.32 0.00	100.11 5.42 -1.27	112.98 6.16 0.00	115.31 5.90 0.00	95.05 4.62 -7.36	121.99 5.48 -22.95	112.34 5.33 -19.28	149.87 3.55 -90.94	151.00 3.27 -96.37	134.26 4.12 -64.77	98.82 3.64 -38.35	100.68 3.77 -34.35	137.46 5.79 -33.57	140.60 4.11 -66.79
NEWKRMKL_115KV_TB1 55635	120.55 4.73 0.00	118.20 4.68 0.00	90.05 3.64 0.00	107.46 4.05 0.00	124.21 4.34 0.00	155.61 5.15 0.00	100.44 3.66 0.00	96.25 3.58 0.00	101.31 3.92 0.00	103.90 4.03 -0.04	95.60 4.36 0.00	99.76 4.61 -1.72	111.78 4.96 0.00	114.47 5.06 0.00	96.84 3.81 -9.96	132.40 4.11 -34.74	153.37 3.84 -61.81	231.79 2.45 -173.96	229.39 2.24 -175.80	170.59 2.84 -102.38	128.63 2.53 -69.27	162.72 2.75 -97.40	159.37 4.25 -57.03	163.32 2.76 -90.85
NEWTON__FALLS_HYD 23847	117.20 1.37 0.00	114.76 1.25 0.00	87.30 0.89 0.00	104.77 1.37 0.00	121.61 1.74 0.00	152.34 1.89 0.00	97.06 0.28 0.00	92.77 0.10 0.00	96.83 -0.56 0.00	98.73 -1.10 0.00	90.69 -0.55 0.00	93.02 -0.44 -0.04	106.03 -0.78 0.00	108.81 -0.60 0.00	82.91 -0.36 -0.21	94.01 -0.13 -0.58	87.47 -0.30 -0.05	56.83 -0.39 -1.84	52.85 -0.56 -2.06	66.55 -0.40 -1.57	57.05 -0.56 -0.79	61.97 -0.84 -0.25	97.75 -1.09 -0.75	70.67 -0.90 -1.87
NGRID_A1_DSASP 323792	105.07 -10.44 0.31	102.85 -10.68 0.00	77.82 -8.58 0.00	92.48 -10.93 0.00	108.08 -11.79 0.00	136.06 -14.40 0.00	86.37 -10.41 0.00	81.25 -11.43 0.00	83.86 -13.53 0.00	86.22 -13.60 0.00	72.70 -11.68 6.87	78.37 -10.79 4.26	88.95 -13.22 4.64	85.39 -12.91 11.11	66.50 -9.83 6.74	75.98 -11.44 6.13	70.84 -10.75 6.12	55.25 -6.91 -6.78	40.77 -6.62 3.97	52.13 -8.22 5.03	45.62 -6.63 4.57	48.25 -7.61 6.71	78.64 -11.33 8.12	71.01 -7.74 -9.04
NGRID_A2_DSASP 323793	105.07 -10.44 0.31	102.85 -10.68 0.00	77.82 -8.58 0.00	92.48 -10.93 0.00	108.08 -11.79 0.00	136.06 -14.40 0.00	86.37 -10.41 0.00	81.25 -11.43 0.00	83.86 -13.53 0.00	86.22 -13.60 0.00	72.70 -11.68 6.87	78.37 -10.79 4.26	88.95 -13.22 4.64	85.39 -12.91 11.11	66.50 -9.83 6.74	75.98 -11.44 6.13	70.84 -10.75 6.12	55.25 -6.91 -6.78	40.77 -6.62 3.97	52.13 -8.22 5.03	45.62 -6.63 4.57	48.25 -7.61 6.71	78.64 -11.33 8.12	71.01 -7.74 -9.04
NGRID_A4_DSASP 323807	105.07 -10.44 0.31	102.85 -10.68 0.00	77.82 -8.58 0.00	92.48 -10.93 0.00	108.08 -11.79 0.00	136.06 -14.40 0.00	86.37 -10.41 0.00	81.25 -11.43 0.00	83.86 -13.53 0.00	86.22 -13.60 0.00	72.70 -11.68 6.87	78.37 -10.79 4.26	88.95 -13.22 4.64	85.39 -12.91 11.11	66.50 -9.83 6.74	75.98 -11.44 6.13	70.84 -10.75 6.12	55.25 -6.91 -6.78	40.77 -6.62 3.97	52.13 -8.22 5.03	45.62 -6.63 4.57	48.25 -7.61 6.71	78.64 -11.33 8.12	71.01 -7.74 -9.04
NIAGARA_115E_LBMP 323715	105.25 -10.27 0.30	103.18 -10.34 0.00	78.09 -8.32 0.00	92.96 -10.44 0.00	108.66 -11.21 0.00	136.80 -13.66 0.00	86.59 -10.20 0.00	81.15 -11.52 0.00	83.65 -13.74 0.00	86.02 -13.80 0.00	72.65 -11.87 6.72	78.52 -10.76 4.14	88.86 -13.44 4.51	85.65 -12.86 10.90	66.70 -9.86 6.51	76.01 -11.69 5.86	70.73 -11.10 5.89	55.05 -7.21 -6.88	40.88 -6.95 3.54	52.26 -8.51 4.60	45.75 -6.71 4.36	48.35 -7.45 6.76	78.78 -11.13 8.18	70.82 -7.94 -9.06
NIAGARA_115W_LBMP 323714	104.88 -10.63 0.31	102.69 -10.83 0.00	77.72 -8.69 0.00	92.34 -11.07 0.00	107.89 -11.98 0.00	135.85 -14.60 0.00	86.24 -10.55 0.00	81.13 -11.54 0.00	83.72 -13.67 0.00	86.08 -13.74 0.00	72.63 -11.77 6.84	78.29 -10.90 4.23	88.84 -13.35 4.62	85.32 -13.03 11.06	66.46 -9.92 6.69	75.93 -11.54 6.08	70.80 -10.84 6.08	55.20 -6.97 -6.79	40.79 -6.67 3.89	52.13 -8.30 4.94	45.59 -6.71 4.53	48.23 -7.67 6.66	78.58 -11.45 8.07	70.92 -7.82 -9.03
NIAGARA_230_LBMP 323716	106.01 -9.50 0.31	103.85 -9.67 0.00	78.63 -7.77 0.00	93.47 -9.94 0.00	109.16 -10.71 0.00	137.36 -13.09 0.00	87.26 -9.52 0.00	82.11 -10.56 0.00	84.82 -12.57 0.00	87.17 -12.66 0.00	73.41 -11.14 6.70	79.09 -10.24 4.10	89.87 -12.44 4.50	86.28 -12.29 10.84	67.16 -9.42 6.48	76.72 -11.00 5.84	71.52 -10.33 5.87	55.61 -6.60 -6.84	41.41 -6.41 3.54	52.80 -8.00 4.58	46.09 -6.40 4.34	48.94 -7.35 6.27	79.51 -10.97 7.62	71.32 -7.35 -8.97
NIAGARA__115KV_198_GIBSON 55903	105.28 -10.55 0.00	102.78 -10.75 0.00	77.77 -8.64 0.00	92.40 -11.01 0.00	107.98 -11.89 0.00	135.99 -14.47 0.00	86.31 -10.48 0.00	81.18 -11.50 0.00	83.83 -13.56 0.00	86.18 -13.64 0.00	72.65 -11.76 6.84	78.41 -10.79 4.23	89.07 -13.13 4.62	85.37 -12.98 11.06	66.45 -9.92 6.69	75.98 -11.49 6.08	70.79 -10.85 6.08	55.21 -6.96 -6.79	40.82 -6.64 3.89	52.14 -8.29 4.94	45.61 -6.69 4.53	48.21 -7.69 6.66	78.59 -11.44 8.07	70.94 -7.81 -9.03
NIAGARA____ 23760	106.02 -9.50 0.31	103.85 -9.67 0.00	78.63 -7.77 0.00	93.47 -9.94 0.00	109.16 -10.71 0.00	137.36 -13.09 0.00	87.26 -9.52 0.00	82.11 -10.56 0.00	84.82 -12.57 0.00	87.17 -12.66 0.00	73.39 -11.14 6.72	79.07 -10.24 4.12	89.86 -12.44 4.52	86.25 -12.29 10.87	67.13 -9.42 6.51	76.68 -11.00 5.87	71.50 -10.33 5.89	55.63 -6.60 -6.86	41.37 -6.41 3.57	52.76 -8.00 4.62	46.06 -6.40 4.37	48.84 -7.35 6.38	79.38 -10.97 7.75	71.43 -7.35 -9.07
NINE_MILE_1 23575	111.81 -4.02 0.00	109.48 -4.04 0.00	83.29 -3.11 0.00	99.47 -3.94 0.00	115.38 -4.49 0.00	144.86 -5.59 0.00	93.24 -3.54 0.00	89.16 -3.51 0.00	93.56 -3.83 0.00	95.85 -3.98 0.00	87.55 -3.70 0.00	89.92 -3.59 -0.09	102.67 -4.14 0.00	105.19 -4.22 0.00	80.41 -3.16 -0.50	91.38 -3.57 -1.41	84.53 -3.31 -0.12	57.78 -2.04 -4.44	54.37 -1.94 -4.95	66.69 -2.48 -3.79	56.61 -2.11 -1.89	60.72 -2.45 -0.60	96.01 -3.89 -1.80	71.48 -2.73 -4.51
NINE_MILE_2 23744	111.81 -4.02 0.00	109.48 -4.04 0.00	83.29 -3.11 0.00	99.47 -3.94 0.00	115.39 -4.48 0.00	144.86 -5.59 0.00	93.24 -3.54 0.00	89.16 -3.51 0.00	93.56 -3.83 0.00	95.85 -3.98 0.00	87.56 -3.69 0.00	89.92 -3.59 -0.09	102.67 -4.14 0.00	105.20 -4.21 0.00	80.41 -3.15 -0.50	91.38 -3.57 -1.40	84.53 -3.31 -0.12	57.77 -2.04 -4.44	54.36 -1.94 -4.94	66.68 -2.48 -3.78	56.61 -2.10 -1.89	60.72 -2.45 -0.60	96.02 -3.88 -1.80	71.48 -2.72 -4.50
NM_CAPITAL__DRP 24208	120.73 4.90 0.00	118.40 4.88 0.00	90.22 3.82 0.00	107.59 4.18 0.00	124.42 4.55 0.00	155.78 5.33 0.00	100.54 3.76 0.00	96.34 3.67 0.00	101.43 4.05 0.00	104.05 4.18 -0.04	95.72 4.48 0.00	99.89 4.76 -1.71	111.96 5.15 0.00	114.63 5.22 0.00	96.96 3.96 -9.93	132.45 4.32 -34.58	152.68 3.96 -61.00	230.45 2.49 -172.57	228.15 2.29 -174.51	170.12 2.91 -101.83	128.20 2.60 -68.77	161.64 2.86 -96.22	159.22 4.46 -56.66	163.29 2.99 -90.59

NM_CENTRAL___DRP 24181	114.24 -1.59 0.00	111.91 -1.61 0.00	85.05 -1.35 0.00	101.55 -1.86 0.00	117.80 -2.07 0.00	147.98 -2.48 0.00	95.31 -1.47 0.00	91.16 -1.52 0.00	95.56 -1.83 0.00	97.88 -1.96 0.00	89.33 -1.92 0.00	91.85 -1.69 -0.12	104.86 -1.95 0.00	107.43 -1.98 0.00	82.34 -1.45 -0.72	93.97 -1.60 -2.02	86.49 -1.40 -0.17	60.91 -0.84 -6.38	57.60 -0.86 -7.10	69.73 -1.09 -5.44	58.62 -0.92 -2.72	62.22 -1.20 -0.86	98.68 -2.01 -2.59	74.74 -1.43 -6.46
NM_FRONTIER___DRP 24179	105.28 -10.55 0.00	102.78 -10.75 0.00	77.77 -8.64 0.00	92.40 -11.01 0.00	107.98 -11.89 0.00	135.99 -14.47 0.00	86.31 -10.48 0.00	81.18 -11.50 0.00	83.83 -13.56 0.00	86.18 -13.64 0.00	72.65 -11.76 6.84	78.41 -10.79 4.23	89.07 -13.13 4.62	85.37 -12.98 11.06	66.45 -9.92 6.69	75.98 -11.49 6.08	70.79 -10.85 6.08	55.21 -6.96 -6.79	40.82 -6.64 3.89	52.14 -8.29 4.94	45.61 -6.69 4.53	48.21 -7.69 6.66	78.59 -11.44 8.07	70.94 -7.81 -9.03
NM_ST_REGIS___HYD 24053	115.38 -0.45 0.00	113.03 -0.49 0.00	86.12 -0.29 0.00	103.71 0.30 0.00	120.24 0.37 0.00	150.63 0.17 0.00	95.55 -1.24 0.00	91.55 -1.12 0.00	96.49 -0.90 0.00	98.80 -1.03 0.00	90.63 -0.61 0.00	92.63 -0.79 0.00	105.85 -0.97 0.00	108.55 -0.86 0.00	82.38 -0.69 0.00	92.79 -0.76 0.00	86.75 -0.97 0.00	54.56 -0.82 0.00	50.48 -0.88 0.00	64.25 -1.13 0.00	55.43 -1.40 0.00	61.27 -1.29 0.00	96.58 -1.51 0.00	68.98 -0.73 0.00
NORTHPORT___1 23551	135.14 10.49 -8.82	141.76 10.96 -17.28	94.40 7.99 0.00	111.84 8.44 0.00	129.51 9.64 0.00	162.47 12.01 0.00	146.90 8.95 -41.16	148.40 8.55 -47.18	125.05 9.26 -18.40	108.90 9.04 -0.04	98.86 7.62 0.00	102.63 7.81 -1.40	115.91 9.10 0.00	119.12 9.70 0.00	112.95 7.46 -22.42	126.23 7.53 -25.15	236.08 7.58 -140.78	176.02 4.70 -115.93	160.26 4.33 -104.58	150.13 5.67 -79.08	150.07 5.03 -88.22	134.87 5.36 -66.94	164.77 8.61 -58.07	149.27 6.03 -73.53
NORTHPORT___2 23552	135.14 10.49 -8.82	141.76 10.96 -17.28	94.40 7.99 0.00	111.84 8.44 0.00	129.51 9.64 0.00	162.47 12.01 0.00	146.90 8.95 -41.16	148.40 8.55 -47.18	125.05 9.26 -18.40	108.90 9.04 -0.04	98.86 7.62 0.00	102.63 7.81 -1.40	115.80 8.99 0.00	118.88 9.47 0.00	112.80 7.32 -22.42	126.17 7.47 -25.15	235.87 7.37 -140.78	175.88 4.57 -115.93	160.08 4.14 -104.58	149.89 5.43 -79.08	149.90 4.86 -88.22	134.84 5.33 -66.94	164.63 8.47 -58.07	149.17 5.94 -73.53
NORTHPORT___3 23553	135.14 10.49 -8.82	141.75 10.95 -17.28	94.43 8.03 0.00	112.03 8.62 0.00	129.67 9.80 0.00	162.63 12.17 0.00	147.02 9.08 -41.16	148.51 8.66 -47.18	125.14 9.35 -18.40	109.01 9.15 -0.04	99.00 7.76 0.00	102.74 7.92 -1.40	115.84 9.03 0.00	118.96 9.55 0.00	112.98 7.49 -22.42	126.27 7.56 -25.15	236.10 7.60 -140.78	176.06 4.75 -115.93	160.21 4.27 -104.58	150.01 5.55 -79.08	150.02 4.98 -88.22	134.85 5.35 -66.94	164.66 8.49 -58.07	149.22 5.98 -73.53
NORTHPORT___4 23650	135.14 10.49 -8.82	141.75 10.95 -17.28	94.43 8.03 0.00	112.03 8.62 0.00	129.67 9.80 0.00	162.63 12.17 0.00	147.02 9.08 -41.16	148.51 8.66 -47.18	125.14 9.35 -18.40	109.01 9.15 -0.04	99.00 7.76 0.00	102.74 7.92 -1.40	115.84 9.03 0.00	118.96 9.55 0.00	112.98 7.49 -22.42	126.27 7.56 -25.15	236.10 7.60 -140.78	176.06 4.75 -115.93	160.21 4.27 -104.58	150.01 5.55 -79.08	150.02 4.98 -88.22	134.85 5.35 -66.94	164.66 8.49 -58.07	149.22 5.98 -73.53
NORTHPORT___IC 23718	135.13 10.48 -8.82	141.75 10.95 -17.28	94.40 7.99 0.00	111.85 8.44 0.00	129.48 9.61 0.00	162.44 11.98 0.00	146.90 8.95 -41.16	148.41 8.55 -47.18	125.05 9.26 -18.40	108.90 9.04 -0.04	98.86 7.62 0.00	102.63 7.81 -1.40	115.92 9.10 0.00	119.12 9.71 0.00	112.95 7.46 -22.42	126.24 7.53 -25.15	236.08 7.58 -140.78	176.02 4.71 -115.93	160.26 4.32 -104.58	150.12 5.67 -79.08	150.07 5.03 -88.22	134.89 5.38 -66.94	164.78 8.61 -58.07	149.25 6.01 -73.53
NORTH___COUNTRY_ESR 323785	113.96 -1.86 0.00	111.58 -1.94 0.00	85.28 -1.13 0.00	102.74 -0.66 0.00	118.99 -0.88 0.00	149.59 -0.87 0.00	95.64 -1.15 0.00	91.55 -1.12 0.00	96.46 -0.93 0.00	99.08 -0.74 0.00	90.55 -0.69 0.00	92.52 -0.90 0.00	105.78 -1.03 0.00	108.10 -1.32 0.00	82.08 -0.98 0.00	92.54 -1.02 0.00	87.09 -0.63 0.00	54.84 -0.54 0.00	50.58 -0.78 0.00	64.00 -1.38 0.00	54.81 -2.01 0.00	60.58 -1.99 0.00	95.16 -2.93 0.00	67.90 -1.81 0.00
NPX_GEN_1385_PROXY 323591	135.37 10.72 -8.82	141.99 11.19 -17.28	94.26 7.85 0.00	110.95 7.54 0.00	128.58 8.71 0.00	161.20 10.74 0.00	146.10 8.16 -41.16	146.97 7.11 -47.18	123.12 7.33 -18.40	107.11 7.25 -0.04	97.13 5.89 0.00	101.04 6.22 -1.40	115.31 8.50 0.00	119.30 9.89 0.00	112.57 7.08 -22.42	125.14 6.43 -25.15	235.30 6.80 -140.78	175.18 3.86 -115.93	159.71 3.78 -104.58	149.70 5.24 -79.08	149.65 4.60 -88.22	133.97 4.46 -66.94	163.93 7.76 -58.07	148.57 5.34 -73.53
NPX_GEN_CSC 323557	138.60 13.95 -8.82	144.07 13.27 -17.28	96.27 9.87 0.00	114.31 10.90 0.00	132.60 12.73 0.00	166.99 16.53 0.00	150.15 12.21 -41.16	151.97 12.12 -47.18	128.55 12.77 -18.40	110.45 10.59 -0.04	100.89 9.65 0.00	104.27 9.45 -1.40	117.13 10.31 0.00	120.41 11.00 0.00	114.49 9.00 -22.42	126.36 7.66 -25.15	237.23 8.73 -140.78	176.84 5.53 -115.93	160.94 5.01 -104.58	151.09 6.63 -79.08	150.71 5.67 -88.22	135.05 5.55 -66.94	165.09 8.92 -58.07	149.67 6.43 -73.53
NSINS_S___GLNS_FALLS 23858	126.30 10.47 0.00	123.64 10.12 0.00	94.48 8.08 0.00	112.62 9.21 0.00	130.64 10.77 0.00	164.03 13.57 0.00	106.36 9.58 0.00	102.00 9.33 0.00	107.27 9.88 0.00	109.11 9.24 -0.04	99.42 8.17 0.00	103.60 8.41 -1.77	116.51 9.70 0.00	119.44 10.03 0.00	101.27 7.97 -10.24	141.87 9.55 -38.77	190.16 9.28 -93.17	282.26 5.81 -221.07	275.04 5.30 -218.39	189.49 6.64 -117.48	148.36 5.89 -85.64	211.36 6.44 -142.36	176.34 10.00 -68.25	170.64 7.14 -93.79
NUCOR_STEEL___DRP 24197	116.05 0.22 0.00	113.23 -0.29 0.00	86.00 -0.41 0.00	102.67 -0.74 0.00	119.06 -0.81 0.00	149.58 -0.88 0.00	96.38 -0.40 0.00	92.22 -0.45 0.00	96.71 -0.67 0.00	99.24 -0.59 -0.01	91.87 -0.83 -1.46	93.00 -0.59 -0.17	106.68 -0.51 -0.37	111.60 -0.56 -2.74	83.70 -0.35 -0.99	96.02 -0.43 -2.90	88.16 -0.16 -0.61	66.09 0.03 -10.68	63.27 -0.04 -11.96	72.51 -0.35 -7.48	62.41 -0.31 -5.90	66.20 -0.38 -4.02	104.02 -1.12 -7.05	78.88 -0.47 -9.63
NUMBER_THREE_WT_PWR 323818	120.08 4.26 0.00	117.55 4.03 0.00	89.40 3.00 0.00	107.05 3.65 0.00	124.23 4.36 0.00	155.90 5.44 0.00	100.02 3.24 0.00	95.45 2.77 0.00	98.61 1.23 0.00	100.16 0.34 0.00	91.80 0.56 0.00	94.43 0.96 -0.05	107.50 0.69 0.00	110.46 1.05 0.00	84.29 0.94 -0.28	96.00 1.66 -0.79	89.43 1.65 -0.07	58.78 0.91 -2.50	54.67 0.53 -2.78	68.71 1.20 -2.13	58.76 0.87 -1.06	63.17 0.27 -0.34	99.21 0.10 -1.01	71.62 -0.61 -2.53
NYISO_LBMP_REFERENCE 24008	115.83 0.00 0.00	113.52 0.00 0.00	86.41 0.00 0.00	103.41 0.00 0.00	119.87 0.00 0.00	150.46 0.00 0.00	96.78 0.00 0.00	92.67 0.00 0.00	97.39 0.00 0.00	99.83 0.00 0.00	91.25 0.00 0.00	93.42 0.00 0.00	106.81 0.00 0.00	109.41 0.00 0.00	83.07 0.00 0.00	93.55 0.00 0.00	87.72 0.00 0.00	55.38 0.00 0.00	51.36 0.00 0.00	65.38 0.00 0.00	56.83 0.00 0.00	62.56 0.00 0.00	98.09 0.00 0.00	69.71 0.00 0.00

NYPA_BRENTWD____GT 24164	137.43 12.78 -8.82	143.58 12.78 -17.28	95.79 9.39 0.00	113.57 10.17 0.00	131.52 11.65 0.00	165.21 14.76 0.00	148.76 10.82 -41.16	150.34 10.49 -47.18	127.05 11.26 -18.40	110.63 10.76 -0.04	100.45 9.20 0.00	104.12 9.30 -1.40	117.36 10.54 0.00	120.56 11.15 0.00	114.25 8.76 -22.42	127.58 8.87 -25.15	237.58 9.09 -140.78	177.07 5.76 -115.93	161.22 5.28 -104.58	151.32 6.86 -79.08	151.08 6.03 -88.22	135.80 6.29 -66.94	166.04 9.87 -58.07	150.12 6.88 -73.53
NYPA_GOWANUS____GT5 24156	150.15 10.41 -23.92	146.58 10.00 -23.06	116.84 7.36 -23.08	134.13 7.99 -22.73	151.84 9.11 -22.86	197.64 11.37 -35.81	126.44 8.33 -21.33	124.95 8.12 -24.16	519.61 9.01 -413.21	299.37 9.49 -190.05	130.87 7.62 -32.00	131.60 8.01 -30.17	243.91 9.20 -127.91	403.35 9.20 -284.73	126.89 6.93 -36.90	138.78 7.39 -37.84	144.27 7.12 -49.44	190.43 4.63 -130.41	229.02 4.27 -173.39	144.34 5.44 -73.52	115.60 4.90 -53.86	107.63 5.13 -39.93	171.57 8.11 -65.36	195.83 5.93 -120.19
NYPA_GOWANUS____GT6 24157	150.15 10.41 -23.92	146.58 10.00 -23.06	116.84 7.36 -23.08	134.13 7.99 -22.73	151.84 9.11 -22.86	197.64 11.37 -35.81	126.44 8.33 -21.33	124.95 8.12 -24.16	519.61 9.01 -413.21	299.37 9.49 -190.05	130.87 7.62 -32.00	131.60 8.01 -30.17	243.91 9.20 -127.91	403.35 9.20 -284.73	126.89 6.93 -36.90	138.78 7.39 -37.84	144.27 7.12 -49.44	190.43 4.63 -130.41	229.02 4.27 -173.39	144.34 5.44 -73.52	115.60 4.90 -53.86	107.63 5.13 -39.93	171.57 8.11 -65.36	195.83 5.93 -120.19
NYPA_HARLEM__RVR__GT1 24160	125.67 9.84 0.00	123.11 9.59 0.00	93.41 7.00 0.00	110.93 7.52 0.00	128.42 8.55 0.00	161.10 10.65 0.00	104.65 7.87 0.00	100.35 7.67 0.00	105.86 8.47 0.00	108.78 8.92 -0.04	98.54 7.30 0.00	102.54 7.72 -1.40	115.79 8.97 0.00	118.28 8.87 0.00	97.76 6.58 -8.11	125.74 7.02 -25.16	114.47 6.72 -20.03	158.13 4.30 -98.45	159.91 3.93 -104.62	141.32 5.09 -70.85	103.09 4.61 -41.65	103.51 4.83 -36.11	142.16 7.48 -36.58	148.65 5.38 -73.56
NYPA_HARLEM__RVR__GT2 24161	125.67 9.84 0.00	123.11 9.59 0.00	93.41 7.00 0.00	110.93 7.52 0.00	128.42 8.55 0.00	161.10 10.65 0.00	104.65 7.87 0.00	100.35 7.67 0.00	105.86 8.47 0.00	108.78 8.92 -0.04	98.54 7.30 0.00	102.54 7.72 -1.40	115.79 8.97 0.00	118.28 8.87 0.00	97.76 6.58 -8.11	125.74 7.02 -25.16	114.47 6.72 -20.03	158.13 4.30 -98.45	159.91 3.93 -104.62	141.32 5.09 -70.85	103.09 4.61 -41.65	103.51 4.83 -36.11	142.16 7.48 -36.58	148.65 5.38 -73.56
NYPA_KENT____GT 24152	140.15 10.25 -14.08	137.30 9.87 -13.91	107.60 7.28 -13.92	125.01 7.88 -13.72	142.64 8.97 -13.79	183.26 11.19 -21.61	117.87 8.22 -12.86	115.27 8.02 -14.57	355.58 8.87 -249.32	223.88 9.37 -114.69	118.08 7.53 -19.31	120.08 7.90 -18.75	193.05 9.06 -77.17	290.30 9.09 -171.80	115.37 6.82 -25.48	133.62 7.25 -32.81	132.50 7.01 -37.77	177.65 4.54 -117.74	201.66 4.18 -146.12	143.19 5.35 -72.46	110.66 4.81 -49.02	106.04 5.05 -38.42	159.98 7.94 -53.95	177.18 5.77 -101.70
NYPA_POUCH1____GT 24155	149.61 9.87 -23.92	146.05 9.47 -23.06	116.46 6.97 -23.08	133.67 7.53 -22.73	151.31 8.58 -22.86	197.00 10.73 -35.81	126.01 7.90 -21.33	124.54 7.71 -24.16	519.15 8.55 -413.21	298.91 9.03 -190.05	111.09 7.19 -12.66	131.21 7.62 -30.17	243.41 8.69 -127.91	402.85 8.71 -284.73	126.51 6.55 -36.90	138.34 6.95 -37.84	143.87 6.71 -49.44	190.18 4.39 -130.41	228.77 4.02 -173.39	125.87 5.10 -55.39	101.61 4.60 -40.18	102.35 4.81 -34.98	171.14 7.68 -65.36	195.60 5.70 -120.19
NYPA_VERNON____GT2 24162	130.28 10.23 -4.23	128.14 9.85 -4.77	98.45 7.28 -4.77	116.00 7.89 -4.70	133.57 8.97 -4.73	169.04 11.18 -7.40	109.39 8.20 -4.41	105.68 8.02 -4.99	191.69 8.86 -85.44	148.48 9.33 -39.33	105.40 7.54 -6.62	108.62 7.85 -7.35	142.29 9.03 -26.45	177.36 9.08 -58.87	103.93 6.80 -14.06	128.56 7.22 -27.78	120.82 6.99 -26.11	164.94 4.50 -105.06	174.34 4.14 -118.84	142.07 5.29 -71.40	105.80 4.80 -44.17	104.51 5.05 -36.90	148.49 7.86 -42.53	158.58 5.67 -83.20
NYPA_VERNON____GT3 24163	130.28 10.23 -4.23	128.14 9.85 -4.77	98.45 7.28 -4.77	116.00 7.89 -4.70	133.57 8.97 -4.73	169.04 11.18 -7.40	109.39 8.20 -4.41	105.68 8.02 -4.99	191.69 8.86 -85.44	148.48 9.33 -39.33	105.40 7.54 -6.62	108.62 7.85 -7.35	142.29 9.03 -26.45	177.36 9.08 -58.87	103.93 6.80 -14.06	128.56 7.22 -27.78	120.82 6.99 -26.11	164.94 4.50 -105.06	174.34 4.14 -118.84	142.07 5.29 -71.40	105.80 4.80 -44.17	104.51 5.05 -36.90	148.49 7.86 -42.53	158.58 5.67 -83.20
NYPA__ASTORIA_CC1 323568	125.88 10.06 0.00	123.24 9.72 0.00	93.57 7.17 0.00	111.15 7.74 0.00	128.67 8.80 0.00	161.47 11.01 0.00	104.88 8.09 0.00	100.59 7.91 0.00	106.13 8.74 0.00	109.07 9.21 -0.04	98.66 7.41 0.00	102.54 7.72 -1.40	115.70 8.89 0.00	118.32 8.91 0.00	97.86 6.68 -8.11	125.80 7.09 -25.16	114.62 6.87 -20.03	158.25 4.43 -98.45	160.05 4.08 -104.62	141.45 5.22 -70.85	103.21 4.73 -41.65	103.64 4.96 -36.11	142.41 7.73 -36.58	148.84 5.57 -73.56
NYPA__ASTORIA_CC2 323569	125.88 10.06 0.00	123.24 9.72 0.00	93.57 7.17 0.00	111.15 7.74 0.00	128.67 8.80 0.00	161.47 11.01 0.00	104.88 8.09 0.00	100.59 7.91 0.00	106.13 8.74 0.00	109.07 9.21 -0.04	98.66 7.41 0.00	102.54 7.72 -1.40	115.70 8.89 0.00	118.32 8.91 0.00	97.86 6.68 -8.11	125.80 7.09 -25.16	114.62 6.87 -20.03	158.25 4.43 -98.45	160.05 4.08 -104.62	141.45 5.22 -70.85	103.21 4.73 -41.65	103.64 4.96 -36.11	142.41 7.73 -36.58	148.84 5.57 -73.56
NYPA__HOLTSVILL 23794	138.56 13.91 -8.82	144.02 13.22 -17.28	96.19 9.79 0.00	114.16 10.75 0.00	132.35 12.48 0.00	166.52 16.07 0.00	149.78 11.84 -41.16	151.58 11.73 -47.18	128.25 12.46 -18.40	111.02 11.16 -0.04	101.00 9.75 0.00	104.45 9.63 -1.40	117.48 10.66 0.00	120.73 11.32 0.00	114.64 9.15 -22.42	127.28 8.58 -25.15	237.82 9.32 -140.78	177.17 5.86 -115.93	161.31 5.37 -104.58	151.57 7.12 -79.08	151.15 6.10 -88.22	135.37 5.86 -66.94	165.31 9.14 -58.07	149.66 6.42 -73.53
NYPA__HELLGATE_GT1 24158	125.67 9.84 0.00	123.11 9.59 0.00	93.41 7.00 0.00	110.93 7.52 0.00	128.42 8.55 0.00	161.10 10.65 0.00	104.65 7.87 0.00	100.35 7.67 0.00	105.86 8.47 0.00	108.78 8.92 -0.04	98.54 7.30 0.00	102.54 7.72 -1.40	115.79 8.97 0.00	118.28 8.87 0.00	97.76 6.58 -8.11	125.74 7.02 -25.16	114.47 6.72 -20.03	158.13 4.30 -98.45	159.91 3.93 -104.62	141.32 5.09 -70.85	103.09 4.61 -41.65	103.52 4.84 -36.11	142.16 7.48 -36.58	148.65 5.38 -73.56
NYPA__HELLGATE_GT2 24159	125.67 9.84 0.00	123.11 9.59 0.00	93.41 7.00 0.00	110.93 7.52 0.00	128.42 8.55 0.00	161.10 10.65 0.00	104.65 7.87 0.00	100.35 7.67 0.00	105.86 8.47 0.00	108.78 8.92 -0.04	98.54 7.30 0.00	102.54 7.72 -1.40	115.79 8.97 0.00	118.28 8.87 0.00	97.76 6.58 -8.11	125.74 7.02 -25.16	114.47 6.72 -20.03	158.13 4.30 -98.45	159.91 3.93 -104.62	141.32 5.09 -70.85	103.09 4.61 -41.65	103.52 4.84 -36.11	142.16 7.48 -36.58	148.65 5.38 -73.56
NYS_BARGE__HYD 23848	106.49 -9.06 0.27	104.27 -9.25 0.00	78.90 -7.51 0.00	93.85 -9.56 0.00	109.63 -10.24 0.00	138.05 -12.41 0.00	87.57 -9.21 0.00	82.27 -10.40 0.00	84.95 -12.44 0.00	87.37 -12.45 0.00	74.57 -10.76 5.91	80.22 -9.66 3.54	90.90 -12.01 3.90	88.07 -11.66 9.68	68.72 -8.92 5.43	78.48 -10.44 4.63	73.07 -9.86 4.79	56.17 -6.36 -7.15	43.52 -6.15 1.68	54.95 -7.60 2.83	47.45 -6.02 3.36	49.71 -6.69 6.16	80.61 -9.99 7.49	71.54 -7.02 -8.86

OAK ORCHARD___HYD 24046	111.49 -4.18 0.15	109.09 -4.44 0.00	82.78 -3.63 0.00	98.57 -4.84 0.00	114.74 -5.14 0.00	144.27 -6.18 0.00	92.42 -4.36 0.00	87.83 -4.84 0.00	91.51 -5.88 0.00	93.90 -5.93 0.00	84.02 -5.25 1.97	89.12 -4.51 -0.21	100.78 -5.56 0.47	100.06 -5.64 3.72	79.83 -4.31 -1.07	91.31 -4.95 -2.71	82.98 -4.54 0.19	58.83 -2.77 -6.22	55.54 -2.78 -6.96	69.55 -3.50 -7.67	54.87 -2.80 -0.85	56.41 -3.42 2.73	91.66 -5.19 1.25	74.16 -3.48 -7.92
OAKDALE___35_KV_LOAD 356122	115.98 0.16 0.00	113.67 0.15 0.00	86.33 -0.07 0.00	103.15 -0.25 0.00	119.51 -0.36 0.00	150.10 -0.36 0.00	96.65 -0.13 0.00	92.34 -0.33 0.00	96.94 -0.45 0.00	99.32 -0.51 -0.01	88.14 -0.85 2.26	93.37 -0.50 -0.45	105.60 -0.64 0.57	104.54 -0.63 4.23	85.36 -0.29 -2.59	101.02 -0.49 -7.96	94.35 -0.42 -7.05	85.30 -0.32 -30.24	82.58 -0.38 -31.60	88.06 -0.45 -23.14	67.05 -0.37 -10.60	70.86 -0.64 -8.93	103.74 -1.07 -6.72	91.34 -0.70 -22.34
OCC_CHEM___DRP 24175	105.41 -10.41 0.00	102.96 -10.56 0.00	77.87 -8.53 0.00	92.54 -10.86 0.00	108.16 -11.70 0.00	136.18 -14.28 0.00	86.45 -10.33 0.00	81.32 -11.35 0.00	83.96 -13.42 0.00	86.32 -13.51 0.00	72.71 -11.66 6.87	78.49 -10.68 4.26	89.18 -12.99 4.64	85.44 -12.86 11.11	66.49 -9.84 6.74	76.02 -11.39 6.13	70.83 -10.76 6.12	55.27 -6.89 -6.78	40.80 -6.59 3.97	52.14 -8.21 5.03	45.63 -6.62 4.57	48.23 -7.63 6.71	78.64 -11.33 8.12	71.03 -7.72 -9.04
OH_GEN_PROXY 24063	106.15 -9.34 0.34	104.01 -9.51 0.00	78.77 -7.64 0.00	93.64 -9.76 0.00	109.31 -10.56 0.00	137.60 -12.85 0.00	87.47 -9.32 0.00	82.40 -10.28 0.00	85.16 -12.23 0.00	87.50 -12.33 0.00	74.03 -10.89 6.32	79.78 -9.98 3.67	90.58 -12.11 4.12	87.13 -11.98 10.30	68.18 -9.18 5.71	77.95 -10.72 4.88	72.60 -10.06 5.05	56.25 -6.43 -7.31	43.12 -6.26 1.98	54.57 -7.81 3.00	46.89 -6.26 3.67	49.70 -7.19 5.67	80.39 -10.72 6.98	71.57 -7.22 -9.09
OLIN_CORP_DRP 24177	105.79 -10.03 0.00	103.42 -10.10 0.00	78.24 -8.17 0.00	93.13 -10.27 0.00	108.84 -11.03 0.00	137.06 -13.40 0.00	86.80 -9.99 0.00	81.40 -11.27 0.00	83.96 -13.43 0.00	86.33 -13.50 0.00	72.61 -11.77 6.86	78.73 -10.45 4.25	89.15 -13.03 4.62	85.60 -12.69 11.12	66.61 -9.77 6.69	75.96 -11.52 6.07	70.69 -10.95 6.08	55.12 -7.10 -6.85	40.67 -6.84 3.85	52.09 -8.39 4.90	45.69 -6.59 4.54	48.26 -7.40 6.90	78.70 -11.05 8.34	71.00 -7.82 -9.11
OLIN_CORP_DSASP 323712	105.07 -10.44 0.31	102.85 -10.68 0.00	77.82 -8.58 0.00	92.48 -10.93 0.00	108.08 -11.79 0.00	136.06 -14.40 0.00	86.37 -10.41 0.00	81.25 -11.43 0.00	83.86 -13.53 0.00	86.22 -13.60 0.00	72.70 -11.68 6.87	78.37 -10.79 4.26	88.95 -13.22 4.64	85.39 -12.91 11.11	66.50 -9.83 6.74	75.98 -11.44 6.13	70.84 -10.75 6.12	55.25 -6.91 -6.78	40.77 -6.62 3.97	52.13 -8.22 5.03	45.62 -6.63 4.57	48.25 -7.61 6.71	78.64 -11.33 8.12	71.01 -7.74 -9.04
ONEIDA_HERK_LFGE 323681	120.11 4.29 0.00	117.66 4.14 0.00	89.51 3.10 0.00	107.08 3.67 0.00	124.25 4.37 0.00	156.03 5.57 0.00	100.42 3.64 0.00	96.05 3.37 0.00	100.21 2.83 0.00	102.14 2.32 0.00	93.25 2.01 0.00	95.66 2.20 -0.04	109.41 2.60 0.00	112.31 2.91 0.00	85.59 2.28 -0.24	97.14 2.90 -0.68	90.58 2.80 -0.06	59.23 1.71 -2.15	55.18 1.43 -2.39	69.22 2.00 -1.83	59.41 1.66 -0.92	64.29 1.44 -0.29	100.98 2.01 -0.87	72.92 1.04 -2.18
ONEIDA___115KV_TB4 55905	119.76 3.93 0.00	117.46 3.94 0.00	89.41 3.00 0.00	106.88 3.48 0.00	124.04 4.17 0.00	155.93 5.48 0.00	100.56 3.78 0.00	96.27 3.60 0.00	100.84 3.45 0.00	102.77 2.94 0.00	93.40 2.15 0.00	95.66 2.16 -0.08	109.89 3.08 0.00	112.87 3.46 0.00	86.20 2.67 -0.46	98.18 3.33 -1.30	91.05 3.22 -0.11	61.45 1.96 -4.12	57.62 1.68 -4.59	71.03 2.15 -3.51	60.41 1.83 -1.75	64.88 1.76 -0.56	102.21 2.45 -1.67	75.39 1.51 -4.17
ONONDAGA_REF_OCCRA 23987	115.24 -0.59 0.00	112.86 -0.66 0.00	85.79 -0.62 0.00	102.43 -0.98 0.00	118.80 -1.07 0.00	149.25 -1.21 0.00	96.13 -0.65 0.00	91.98 -0.70 0.00	96.42 -0.96 0.00	98.77 -1.06 0.00	91.12 -1.16 -1.04	92.66 -0.91 -0.15	106.04 -1.03 -0.26	110.36 -1.01 -1.95	83.24 -0.72 -0.89	95.36 -0.78 -2.59	87.59 -0.60 -0.48	64.29 -0.34 -9.25	61.32 -0.38 -10.35	71.61 -0.50 -6.73	61.30 -0.42 -4.90	64.97 -0.67 -3.08	102.57 -1.21 -5.68	77.39 -0.84 -8.53
ONONDAGA___COGEN 23986	114.97 -0.86 0.00	112.52 -1.00 0.00	85.53 -0.88 0.00	102.15 -1.26 0.00	118.47 -1.40 0.00	148.79 -1.66 0.00	95.85 -0.93 0.00	91.71 -0.96 0.00	96.18 -1.21 0.00	98.54 -1.29 0.00	89.90 -1.34 0.00	92.47 -1.10 -0.14	105.56 -1.25 0.00	108.10 -1.32 0.00	82.96 -0.93 -0.82	94.84 -1.03 -2.32	87.07 -0.84 -0.20	62.26 -0.45 -7.33	59.03 -0.49 -8.17	70.95 -0.68 -6.25	59.38 -0.57 -3.12	62.78 -0.78 -0.99	99.66 -1.41 -2.98	76.19 -0.95 -7.43
ONTARIO___LFGE 23819	114.21 -1.62 0.00	111.75 -1.77 0.00	84.94 -1.47 0.00	101.44 -1.96 0.00	117.46 -2.41 0.00	147.52 -2.93 0.00	95.33 -1.46 0.00	91.19 -1.48 0.00	95.10 -2.29 0.00	97.16 -2.66 0.00	86.69 -2.54 2.02	94.33 -2.14 -3.05	105.49 -2.65 -1.33	101.66 -2.83 4.92	87.45 -1.86 -6.24	100.95 -2.05 -9.45	92.94 -1.62 -6.85	65.32 -0.83 -10.77	68.55 -0.79 -17.99	84.43 -1.31 -20.37	59.51 -0.97 -3.66	61.31 -1.54 -0.28	94.09 -2.85 1.15	76.63 -1.82 -8.75
ORANGEVILLE_WT_PWR 323706	109.16 -6.58 0.09	106.78 -6.74 0.00	80.59 -5.81 0.00	95.75 -7.65 0.00	111.37 -8.50 0.00	140.20 -10.25 0.00	89.55 -7.23 0.00	84.33 -8.34 0.00	87.52 -9.87 0.00	89.87 -9.95 0.00	61.33 -9.55 20.36	65.98 -9.04 18.41	78.81 -10.74 17.26	68.06 -10.58 30.77	43.44 -7.83 31.80	48.50 -8.74 36.31	48.03 -7.76 31.93	45.74 -4.93 4.70	-4.46 -4.84 50.97	5.95 -6.29 53.14	25.55 -5.41 25.87	28.42 -6.58 27.56	57.07 -10.25 30.78	71.26 -7.10 -8.65
ORANGEVILLE___ESR 323794	109.16 -6.58 0.09	106.78 -6.74 0.00	80.59 -5.81 0.00	95.75 -7.65 0.00	111.37 -8.50 0.00	140.20 -10.25 0.00	89.55 -7.23 0.00	84.33 -8.34 0.00	87.52 -9.87 0.00	89.87 -9.95 0.00	61.33 -9.55 20.36	65.98 -9.04 18.41	78.81 -10.74 17.26	68.06 -10.58 30.77	43.44 -7.83 31.80	48.50 -8.74 36.31	48.03 -7.76 31.93	45.74 -4.93 4.70	-4.46 -4.84 50.97	5.95 -6.29 53.14	25.55 -5.41 25.87	28.42 -6.58 27.56	57.07 -10.25 30.78	71.26 -7.10 -8.65
OSWEGATCHIE___HYD 24044	117.20 1.37 0.00	114.77 1.25 0.00	87.30 0.89 0.00	104.77 1.37 0.00	121.61 1.74 0.00	152.35 1.89 0.00	97.06 0.28 0.00	92.77 0.10 0.00	96.83 -0.56 0.00	98.73 -1.09 0.00	90.69 -0.55 0.00	93.04 -0.42 -0.04	106.04 -0.77 0.00	108.81 -0.60 0.00	82.91 -0.37 -0.21	94.01 -0.12 -0.58	87.48 -0.29 -0.05	56.83 -0.39 -1.84	52.86 -0.56 -2.06	66.56 -0.39 -1.57	57.05 -0.56 -0.79	61.98 -0.83 -0.25	97.77 -1.08 -0.75	70.67 -0.90 -1.87
OSWEGO___5 23606	112.71 -3.12 0.00	110.36 -3.16 0.00	83.91 -2.50 0.00	100.26 -3.14 0.00	116.28 -3.59 0.00	146.02 -4.43 0.00	93.97 -2.82 0.00	89.89 -2.78 0.00	94.28 -3.11 0.00	96.60 -3.23 0.00	88.23 -3.02 0.00	90.66 -2.87 -0.10	103.47 -3.34 0.00	106.01 -3.40 0.00	81.09 -2.55 -0.58	92.30 -2.88 -1.63	85.24 -2.62 -0.14	58.91 -1.61 -5.15	55.53 -1.57 -5.73	67.77 -1.99 -4.39	57.34 -1.68 -2.19	61.27 -1.99 -0.70	97.03 -3.16 -2.09	72.72 -2.20 -5.22

OSWEGO___6 23613	112.71 -3.12 0.00	110.36 -3.16 0.00	83.91 -2.50 0.00	100.26 -3.14 0.00	116.28 -3.59 0.00	146.02 -4.43 0.00	93.97 -2.82 0.00	89.89 -2.78 0.00	94.28 -3.11 0.00	96.60 -3.23 0.00	88.23 -3.02 0.00	90.66 -2.87 -0.10	103.47 -3.34 0.00	106.01 -3.40 0.00	81.09 -2.55 -0.58	92.30 -2.88 -1.63	85.24 -2.62 -0.14	58.91 -1.61 -5.15	55.53 -1.57 -5.73	67.77 -1.99 -4.39	57.34 -1.68 -2.19	61.27 -1.99 -0.70	97.03 -3.16 -2.09	72.72 -2.20 -5.22
OUTOKUMPU-AB___DRP 24206	107.69 -8.14 0.00	105.11 -8.41 0.00	79.46 -6.94 0.00	94.46 -8.95 0.00	110.27 -9.60 0.00	138.90 -11.56 0.00	88.24 -8.54 0.00	83.08 -9.59 0.00	85.89 -11.50 0.00	88.36 -11.47 0.00	74.25 -9.91 7.08	80.41 -8.56 4.46	91.40 -10.60 4.82	87.58 -10.37 11.46	68.06 -7.95 7.06	77.77 -9.28 6.50	72.50 -8.77 6.45	56.44 -5.64 -6.70	41.01 -5.48 4.87	51.77 -6.82 6.79	46.02 -5.42 5.38	49.04 -6.25 7.27	80.01 -9.33 8.75	72.42 -6.42 -9.14
OXBOW___BTM 323836	106.44 -9.08 0.31	104.17 -9.35 0.00	78.79 -7.61 0.00	93.64 -9.76 0.00	109.37 -10.50 0.00	137.75 -12.71 0.00	87.48 -9.31 0.00	82.34 -10.33 0.00	85.03 -12.36 0.00	87.47 -12.35 0.00	73.69 -10.57 6.98	79.54 -9.52 4.36	90.32 -11.76 4.73	86.68 -11.43 11.29	67.45 -8.71 6.91	77.07 -10.15 6.33	71.89 -9.53 6.30	55.99 -6.13 -6.74	40.83 -5.93 4.60	51.53 -7.38 6.47	45.70 -5.90 5.22	48.78 -6.79 6.99	79.52 -10.14 8.44	71.86 -6.94 -9.09
OXBOW____ 24026	106.80 -9.03 0.00	104.26 -9.26 0.00	78.85 -7.56 0.00	93.71 -9.70 0.00	109.43 -10.44 0.00	137.82 -12.63 0.00	87.55 -9.24 0.00	82.40 -10.27 0.00	85.15 -12.24 0.00	87.56 -12.27 0.00	73.69 -10.57 6.98	79.65 -9.41 4.36	90.52 -11.56 4.73	86.77 -11.35 11.29	67.45 -8.71 6.91	77.09 -10.13 6.33	71.88 -9.54 6.30	55.98 -6.14 -6.74	40.85 -5.91 4.60	51.53 -7.38 6.47	45.72 -5.89 5.22	48.77 -6.80 6.99	79.54 -10.11 8.44	71.87 -6.93 -9.09
OXY_CHEM_DSASP 323612	105.41 -10.41 0.00	102.96 -10.56 0.00	77.87 -8.53 0.00	92.54 -10.86 0.00	108.16 -11.70 0.00	136.18 -14.28 0.00	86.45 -10.33 0.00	81.32 -11.35 0.00	83.96 -13.42 0.00	86.32 -13.51 0.00	72.71 -11.66 6.87	78.49 -10.68 4.26	89.18 -12.99 4.64	85.44 -12.86 11.11	66.49 -9.84 6.74	76.02 -11.39 6.13	70.83 -10.76 6.12	55.27 -6.89 -6.78	40.80 -6.59 3.97	52.14 -8.21 5.03	45.63 -6.62 4.57	48.23 -7.63 6.71	78.64 -11.33 8.12	71.03 -7.72 -9.04
OZONE_PARK_ESR 323760	127.13 11.31 0.00	124.35 10.83 0.00	94.42 8.01 0.00	112.10 8.69 0.00	129.79 9.92 0.00	162.84 12.38 0.00	105.78 8.99 0.00	101.46 8.79 0.00	107.04 9.65 0.00	110.08 10.22 -0.04	99.60 8.35 0.00	103.47 8.65 -1.40	116.76 9.95 0.00	119.42 10.01 0.00	98.76 7.59 -8.11	126.74 8.02 -25.16	115.55 7.80 -20.03	158.85 5.03 -98.44	160.58 4.61 -104.61	142.09 5.87 -70.84	103.74 5.27 -41.65	104.25 5.58 -36.11	143.35 8.67 -36.58	149.47 6.20 -73.56
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	105.41 -10.41 0.00	102.96 -10.56 0.00	77.87 -8.53 0.00	92.54 -10.86 0.00	108.16 -11.70 0.00	136.18 -14.28 0.00	86.45 -10.33 0.00	81.32 -11.35 0.00	83.96 -13.42 0.00	86.32 -13.51 0.00	72.71 -11.66 6.87	78.49 -10.68 4.26	89.18 -12.99 4.64	85.44 -12.86 11.11	66.49 -9.84 6.74	76.02 -11.39 6.13	70.83 -10.76 6.12	55.27 -6.89 -6.78	40.80 -6.59 3.97	52.14 -8.21 5.03	45.63 -6.62 4.57	48.23 -7.63 6.71	78.64 -11.33 8.12	71.03 -7.72 -9.04
PACKARD__115KV_DUPONT_184 80571	105.41 -10.41 0.00	102.96 -10.56 0.00	77.87 -8.53 0.00	92.54 -10.86 0.00	108.16 -11.70 0.00	136.18 -14.28 0.00	86.45 -10.33 0.00	81.32 -11.35 0.00	83.96 -13.42 0.00	86.32 -13.51 0.00	72.71 -11.66 6.87	78.49 -10.68 4.26	89.18 -12.99 4.64	85.44 -12.86 11.11	66.49 -9.84 6.74	76.02 -11.39 6.13	70.83 -10.76 6.12	55.27 -6.89 -6.78	40.80 -6.59 3.97	52.14 -8.21 5.03	45.63 -6.62 4.57	48.23 -7.63 6.71	78.64 -11.33 8.12	71.03 -7.72 -9.04
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	125.53 9.71 0.00	122.91 9.39 0.00	93.30 6.89 0.00	110.86 7.46 0.00	128.37 8.49 0.00	161.01 10.56 0.00	104.61 7.83 0.00	100.32 7.65 0.00	105.79 8.40 0.00	108.59 8.73 -0.04	98.28 7.04 0.00	102.24 7.42 -1.40	115.42 8.60 0.00	117.96 8.55 0.00	97.54 6.36 -8.11	125.56 6.84 -25.16	114.32 6.57 -20.03	158.04 4.21 -98.45	159.85 3.87 -104.62	141.21 4.98 -70.85	102.99 4.51 -41.65	103.40 4.73 -36.11	142.04 7.36 -36.58	148.56 5.29 -73.56
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	126.04 10.22 0.00	123.46 9.94 0.00	93.72 7.31 0.00	111.38 7.97 0.00	129.07 9.20 0.00	162.01 11.56 0.00	105.26 8.47 0.00	100.89 8.22 0.00	106.38 9.00 0.00	109.11 9.25 -0.04	98.63 7.39 0.00	102.69 7.87 -1.40	115.98 9.17 0.00	118.44 9.03 0.00	97.86 6.68 -8.11	125.99 7.28 -25.16	114.75 7.00 -20.03	158.30 4.47 -98.45	160.05 4.07 -104.62	141.47 5.25 -70.85	103.16 4.69 -41.65	103.60 4.92 -36.11	142.36 7.68 -36.58	148.80 5.53 -73.56
PATROON__115KV_TB1 80586	120.89 5.07 0.00	118.51 4.99 0.00	90.30 3.90 0.00	107.75 4.34 0.00	124.57 4.70 0.00	156.04 5.59 0.00	100.73 3.94 0.00	96.53 3.86 0.00	101.61 4.22 0.00	104.19 4.32 -0.04	95.83 4.59 0.00	100.00 4.86 -1.72	112.09 5.28 0.00	114.79 5.38 0.00	97.12 4.06 -9.99	133.24 4.43 -35.26	157.74 4.12 -65.90	238.07 2.62 -180.08	235.07 2.39 -181.32	172.75 3.05 -104.32	130.93 2.71 -71.39	168.75 2.94 -103.25	161.11 4.54 -58.48	163.91 3.00 -91.21
PATTRSNVILLE__SOLAR 323815	121.68 5.86 0.00	119.21 5.69 0.00	90.74 4.34 0.00	108.33 4.92 0.00	125.59 5.72 0.00	157.57 7.12 0.00	101.67 4.89 0.00	97.39 4.72 0.00	101.91 4.52 0.00	103.54 3.67 -0.05	94.15 2.90 0.00	98.39 3.15 -1.82	110.72 3.91 0.00	113.89 4.48 0.00	97.10 3.50 -10.53	138.06 4.33 -40.18	191.09 4.49 -98.89	289.99 2.89 -231.73	282.46 2.63 -228.47	190.73 3.33 -122.02	149.25 2.94 -89.49	216.45 3.13 -150.76	174.06 4.83 -71.14	169.67 3.45 -96.51
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	109.87 -5.96 0.00	107.30 -6.22 0.00	81.21 -5.20 0.00	96.61 -6.80 0.00	112.52 -7.35 0.00	141.56 -8.89 0.00	90.22 -6.56 0.00	85.12 -7.56 0.00	88.30 -9.09 0.00	90.80 -9.02 0.00	75.44 -7.93 7.88	81.75 -6.94 4.73	93.05 -8.55 5.22	88.28 -8.32 12.81	69.21 -6.37 7.48	79.24 -7.48 6.82	73.92 -6.96 6.83	57.92 -4.71 -7.26	41.98 -4.67 4.71	53.93 -5.92 5.53	46.74 -4.67 5.42	49.34 -5.28 7.95	80.58 -7.85 9.66	73.97 -5.66 -9.93
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	126.39 10.56 0.00	123.73 10.21 0.00	94.10 7.69 0.00	111.88 8.47 0.00	129.60 9.73 0.00	162.53 12.08 0.00	105.44 8.65 0.00	101.10 8.42 0.00	106.61 9.23 0.00	109.38 9.51 -0.04	99.27 8.03 0.00	103.10 8.26 -1.41	116.20 9.38 0.00	118.89 9.48 0.00	98.55 7.29 -8.20	126.92 7.93 -25.44	115.71 7.61 -20.38	160.04 4.98 -99.68	161.80 4.55 -105.89	142.76 5.74 -71.65	104.07 5.08 -42.15	104.69 5.43 -36.69	143.55 8.44 -37.01	150.04 6.00 -74.33
PEEKSKILL____ 23653	124.42 8.60 0.00	121.83 8.31 0.00	92.56 6.16 0.00	110.03 6.62 0.00	127.42 7.55 0.00	159.81 9.36 0.00	103.68 6.90 0.00	99.36 6.69 0.00	104.70 7.31 0.00	107.45 7.59 -0.03	97.52 6.27 0.00	101.26 6.45 -1.38	114.17 7.36 0.00	116.80 7.39 0.00	96.79 5.69 -8.03	124.57 6.12 -24.90	113.42 5.87 -19.82	156.63 3.82 -97.43	158.41 3.52 -103.53	139.94 4.45 -70.11	102.04 3.99 -41.22	102.52 4.22 -35.74	140.90 6.60 -36.21	147.28 4.77 -72.80

PGE MADISON___WINDPWR 24146	127.74 11.84 -0.08	125.34 11.82 0.00	95.07 8.67 0.00	113.45 10.04 0.00	131.48 11.61 0.00	165.45 15.00 0.00	106.72 9.94 0.00	102.90 10.23 0.00	107.54 10.15 0.00	109.44 9.59 -0.02	105.75 8.23 -6.28	102.81 7.99 -1.40	117.48 8.45 -2.22	130.42 9.61 -11.40	94.25 6.95 -4.23	112.87 8.62 -10.70	109.13 8.92 -12.50	104.02 5.77 -42.88	103.57 4.42 -47.79	97.08 5.00 -26.70	85.17 4.39 -23.95	94.33 4.24 -27.53	130.02 5.14 -26.79	98.98 3.61 -25.67
PIERCEFIELD___HYD 23852	114.77 -1.05 0.00	112.51 -1.00 0.00	85.65 -0.75 0.00	103.13 -0.28 0.00	119.62 -0.26 0.00	149.72 -0.73 0.00	94.79 -1.99 0.00	90.81 -1.86 0.00	95.71 -1.68 0.00	97.94 -1.88 0.00	89.99 -1.26 0.00	92.00 -1.42 0.00	105.07 -1.74 0.00	107.84 -1.58 0.00	81.80 -1.27 0.00	92.11 -1.44 0.00	85.93 -1.78 0.00	54.00 -1.37 0.00	50.01 -1.35 0.00	63.80 -1.58 0.00	55.15 -1.68 0.00	60.99 -1.57 0.00	96.28 -1.81 0.00	68.76 -0.94 0.00
PINELAWN_CC_1 323563	136.30 11.65 -8.82	142.39 11.59 -17.28	94.91 8.51 0.00	112.54 9.14 0.00	130.34 10.47 0.00	163.56 13.10 0.00	147.64 9.70 -41.16	149.26 9.40 -47.18	125.93 10.14 -18.40	109.76 9.91 -0.04	99.59 8.35 0.00	103.26 8.44 -1.40	116.38 9.57 0.00	119.45 10.03 0.00	113.32 7.83 -22.42	126.92 8.22 -25.15	236.83 8.33 -140.78	176.65 5.34 -115.93	160.85 4.91 -104.58	150.77 6.31 -79.08	150.63 5.58 -88.22	135.44 5.94 -66.94	165.38 9.22 -58.07	149.67 6.43 -73.53
PJM_GEN_HTP_PROXY 323702	125.57 9.74 0.00	122.90 9.38 0.00	93.34 6.93 0.00	110.89 7.48 0.00	128.39 8.51 0.00	161.03 10.57 0.00	104.56 7.77 0.00	100.26 7.59 0.00	105.77 8.38 0.00	108.77 8.91 -0.04	98.50 7.25 0.00	102.35 7.53 -1.40	115.47 8.66 0.00	118.13 8.72 0.00	97.80 6.62 -8.11	125.69 6.98 -25.16	114.52 6.77 -20.03	158.16 4.35 -98.43	159.94 3.98 -104.60	141.24 5.03 -70.84	103.00 4.53 -41.64	103.43 4.76 -36.11	142.15 7.48 -36.58	148.66 5.40 -73.55
PJM_GEN_KEystone 24065	40.28 0.92 76.47	58.71 0.81 55.62	48.70 0.44 38.15	82.79 0.06 20.67	108.29 -0.05 11.53	123.09 -0.14 27.22	93.55 0.21 3.45	89.18 -0.20 3.30	57.62 -0.32 39.44	83.40 -0.29 16.13	21.49 -0.75 69.00	40.46 -0.33 52.63	69.09 -0.54 37.18	60.28 -0.52 48.61	61.66 -0.21 21.20	44.98 -0.49 48.08	51.66 -0.52 35.53	106.67 -0.40 -51.70	107.15 -0.49 -56.28	49.42 -0.60 15.35	25.20 -0.34 31.29	41.19 -0.54 20.83	28.65 -0.63 68.81	34.83 -0.34 34.54
PJM_GEN_NEPTUNE_PROXY 323594	130.60 10.10 -4.67	132.71 10.04 -9.15	93.78 7.38 0.00	111.27 7.86 0.00	128.85 8.97 0.00	161.65 11.19 0.00	126.80 8.32 -21.69	125.61 8.07 -24.87	115.86 8.77 -9.70	108.64 8.78 -0.04	98.62 7.37 0.00	102.38 7.56 -1.40	115.39 8.58 0.00	118.36 8.95 0.00	105.71 6.92 -15.72	125.91 7.21 -25.15	179.14 7.17 -84.26	167.68 4.57 -107.73	160.11 4.18 -104.58	145.96 5.37 -75.21	128.03 4.80 -66.41	120.20 5.12 -52.52	154.14 8.03 -48.02	148.88 5.64 -73.53
PJM_GEN_VFT_PROXY 323633	52.79 9.31 72.34	52.79 8.93 69.66	52.79 6.57 40.19	52.79 7.03 57.64	52.79 7.97 75.05	39.41 9.97 121.02	54.91 7.39 49.26	52.79 7.25 47.14	-357.67 8.00 463.07	-122.32 8.53 230.67	43.12 6.73 54.85	35.11 6.96 65.27	-69.25 8.02 184.09	-234.38 8.06 351.84	35.11 6.07 54.03	52.00 6.30 47.85	39.52 6.18 54.37	73.99 3.98 -14.63	122.32 3.64 -67.32	98.73 4.60 -28.75	61.77 4.18 -0.76	63.87 4.38 3.08	35.11 6.97 69.96	16.33 5.05 58.43
PLATSBURG_115KV_PMLD1 355749	116.02 0.19 0.00	113.56 0.04 0.00	86.79 0.39 0.00	104.38 0.97 0.00	120.73 0.86 0.00	151.34 0.88 0.00	96.94 0.16 0.00	92.45 -0.23 0.00	97.35 -0.04 0.00	99.91 0.08 0.00	91.25 0.01 0.00	93.40 -0.02 0.00	106.95 0.14 0.00	109.24 -0.17 0.00	83.20 0.13 0.00	93.84 0.29 0.00	88.22 0.50 0.00	55.64 0.26 0.00	51.27 -0.08 0.00	64.95 -0.43 0.00	55.54 -1.29 0.00	61.22 -1.34 0.00	96.16 -1.93 0.00	68.89 -0.82 0.00
PLEASANTVLY___LBMP 24000	123.99 8.16 0.00	121.43 7.91 0.00	92.34 5.93 0.00	109.81 6.41 0.00	127.10 7.23 0.00	159.35 8.89 0.00	103.27 6.49 0.00	98.98 6.31 0.00	104.30 6.92 0.00	107.02 7.16 -0.04	97.28 6.04 0.00	101.18 6.30 -1.46	113.95 7.14 0.00	116.55 7.14 0.00	97.05 5.53 -8.45	125.76 5.98 -26.23	114.32 5.65 -20.96	161.74 3.64 -102.72	163.83 3.34 -109.13	143.46 4.22 -73.86	104.06 3.79 -43.44	104.39 4.07 -37.75	142.62 6.38 -38.15	150.97 4.61 -76.66
PLSNTVLE_13_KV_13.8KVDIST 80602	125.07 9.24 0.00	122.46 8.94 0.00	93.06 6.65 0.00	110.64 7.23 0.00	128.01 8.14 0.00	160.56 10.11 0.00	104.16 7.38 0.00	99.87 7.20 0.00	105.27 7.88 0.00	108.04 8.17 -0.04	98.10 6.86 0.00	101.88 7.05 -1.41	114.84 8.03 0.00	117.50 8.08 0.00	97.47 6.23 -8.17	125.54 6.65 -25.34	114.25 6.36 -20.17	158.66 4.13 -99.15	160.53 3.81 -105.36	141.54 4.81 -71.35	103.06 4.29 -41.94	103.50 4.58 -36.36	142.10 7.16 -36.84	148.95 5.15 -74.09
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	125.07 9.24 0.00	122.46 8.94 0.00	93.06 6.65 0.00	110.64 7.23 0.00	128.01 8.14 0.00	160.56 10.11 0.00	104.16 7.38 0.00	99.87 7.20 0.00	105.27 7.88 0.00	108.04 8.17 -0.04	98.10 6.86 0.00	101.88 7.05 -1.41	114.84 8.03 0.00	117.50 8.08 0.00	97.47 6.23 -8.17	125.54 6.65 -25.34	114.25 6.36 -20.17	158.66 4.13 -99.15	160.53 3.81 -105.36	141.54 4.81 -71.35	103.06 4.29 -41.94	103.50 4.58 -36.36	142.10 7.16 -36.84	148.95 5.15 -74.09
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	125.40 9.57 0.00	122.73 9.21 0.00	93.35 6.94 0.00	111.05 7.64 0.00	128.53 8.66 0.00	161.21 10.75 0.00	104.50 7.71 0.00	100.16 7.49 0.00	105.56 8.17 0.00	108.22 8.36 -0.04	98.28 7.04 0.00	102.16 7.31 -1.43	115.07 8.26 0.00	117.78 8.37 0.00	97.82 6.47 -8.29	126.40 7.06 -25.79	115.71 6.80 -21.19	161.43 4.41 -101.64	163.24 4.05 -107.83	143.21 5.13 -72.70	104.29 4.55 -42.91	105.38 4.89 -37.94	143.28 7.57 -37.62	150.29 5.40 -75.18
POLETTI_____ 23519	125.69 9.87 0.00	122.97 9.45 0.00	93.39 6.99 0.00	110.90 7.49 0.00	128.37 8.50 0.00	161.03 10.58 0.00	104.60 7.81 0.00	100.32 7.65 0.00	105.82 8.43 0.00	108.86 9.00 -0.04	98.43 7.19 0.00	102.23 7.41 -1.40	115.37 8.56 0.00	118.03 8.62 0.00	97.65 6.47 -8.11	125.37 6.66 -25.16	114.32 6.57 -20.03	157.98 4.16 -98.44	159.78 3.81 -104.61	141.09 4.88 -70.84	102.94 4.47 -41.65	103.36 4.69 -36.11	141.88 7.20 -36.58	148.47 5.20 -73.56
POMONA___ESR 323819	124.04 8.22 0.00	121.47 7.95 0.00	92.30 5.89 0.00	109.80 6.39 0.00	127.05 7.18 0.00	159.35 8.89 0.00	103.44 6.66 0.00	99.08 6.41 0.00	104.38 6.99 0.00	107.10 7.24 -0.03	97.17 5.92 0.00	100.81 6.04 -1.35	113.72 6.91 0.00	116.31 6.89 0.00	96.23 5.34 -7.82	123.62 5.80 -24.26	112.53 5.52 -19.30	153.91 3.62 -94.91	155.57 3.35 -100.87	137.90 4.21 -68.31	100.76 3.77 -40.16	101.34 3.98 -34.80	139.61 6.24 -35.28	145.16 4.51 -70.94
PORT_JEFF_3 23555	138.93 14.28 -8.82	144.41 13.61 -17.28	96.47 10.07 0.00	114.49 11.08 0.00	132.73 12.86 0.00	167.00 16.55 0.00	150.10 12.16 -41.16	151.89 12.04 -47.18	128.59 12.80 -18.40	111.38 11.52 -0.04	101.30 10.06 0.00	104.78 9.96 -1.40	117.82 11.01 0.00	121.10 11.69 0.00	114.93 9.44 -22.42	127.63 8.93 -25.15	238.16 9.67 -140.78	177.33 6.01 -115.93	161.45 5.52 -104.58	151.83 7.37 -79.08	151.38 6.34 -88.22	135.67 6.16 -66.94	165.76 9.59 -58.07	149.96 6.72 -73.53

PORT_JEFF_4 23616	138.93 14.28 -8.82	144.41 13.61 -17.28	96.47 10.07 0.00	114.49 11.08 0.00	132.73 12.86 0.00	167.00 16.55 0.00	150.10 12.16 -41.16	151.89 12.04 -47.18	128.59 12.80 -18.40	111.38 11.52 -0.04	101.30 10.06 0.00	104.78 9.96 -1.40	117.82 11.01 0.00	121.10 11.69 0.00	114.93 9.44 -22.42	127.63 8.93 -25.15	238.16 9.67 -140.78	177.33 6.01 -115.93	161.45 5.52 -104.58	151.83 7.37 -79.08	151.38 6.34 -88.22	135.67 6.16 -66.94	165.76 9.59 -58.07	149.96 6.72 -73.53
PORT_JEFF_IC 23713	138.83 14.18 -8.82	144.34 13.54 -17.28	96.42 10.01 0.00	114.42 11.02 0.00	132.66 12.79 0.00	166.86 16.40 0.00	150.03 12.08 -41.16	151.82 11.97 -47.18	128.50 12.71 -18.40	111.32 11.46 -0.04	101.29 10.05 0.00	104.76 9.94 -1.40	117.81 11.00 0.00	121.07 11.66 0.00	114.91 9.42 -22.42	127.61 8.91 -25.15	238.10 9.60 -140.78	177.21 5.90 -115.93	161.35 5.41 -104.58	151.80 7.34 -79.08	151.36 6.32 -88.22	135.70 6.19 -66.94	165.81 9.64 -58.07	150.00 6.76 -73.53
PPL_PILGRIM_ST_GT1 24216	137.43 12.78 -8.82	143.58 12.78 -17.28	95.79 9.39 0.00	113.57 10.17 0.00	131.52 11.65 0.00	165.21 14.76 0.00	148.76 10.82 -41.16	150.34 10.49 -47.18	127.05 11.26 -18.40	110.63 10.76 -0.04	100.45 9.20 0.00	104.12 9.30 -1.40	117.36 10.54 0.00	120.56 11.15 0.00	114.25 8.76 -22.42	127.58 8.87 -25.15	237.58 9.09 -140.78	177.07 5.76 -115.93	161.22 5.28 -104.58	151.32 6.86 -79.08	151.08 6.03 -88.22	135.80 6.29 -66.94	166.04 9.87 -58.07	150.12 6.88 -73.53
PPL_PILGRIM_ST_GT2 24217	137.43 12.78 -8.82	143.58 12.78 -17.28	95.79 9.39 0.00	113.57 10.17 0.00	131.52 11.65 0.00	165.21 14.76 0.00	148.76 10.82 -41.16	150.34 10.49 -47.18	127.05 11.26 -18.40	110.63 10.76 -0.04	100.45 9.20 0.00	104.12 9.30 -1.40	117.36 10.54 0.00	120.56 11.15 0.00	114.25 8.76 -22.42	127.58 8.87 -25.15	237.58 9.09 -140.78	177.07 5.76 -115.93	161.22 5.28 -104.58	151.32 6.86 -79.08	151.08 6.03 -88.22	135.80 6.29 -66.94	166.04 9.87 -58.07	150.12 6.88 -73.53
PPL_SHRM_GT3 24213	138.80 14.15 -8.82	144.24 13.44 -17.28	96.38 9.97 0.00	114.44 11.03 0.00	132.78 12.91 0.00	167.21 16.76 0.00	150.31 12.37 -41.16	152.13 12.28 -47.18	128.71 12.92 -18.40	110.66 10.80 -0.04	101.01 9.77 0.00	104.43 9.61 -1.40	117.25 10.44 0.00	120.54 11.13 0.00	114.61 9.12 -22.42	126.54 7.84 -25.15	237.42 8.92 -140.78	176.97 5.66 -115.93	161.09 5.15 -104.58	151.25 6.79 -79.08	150.84 5.80 -88.22	135.18 5.67 -66.94	165.27 9.10 -58.07	149.77 6.53 -73.53
PPL_SHRM_GT4 24214	138.80 14.15 -8.82	144.24 13.44 -17.28	96.38 9.97 0.00	114.44 11.03 0.00	132.78 12.91 0.00	167.21 16.76 0.00	150.31 12.37 -41.16	152.13 12.28 -47.18	128.71 12.92 -18.40	110.66 10.80 -0.04	101.01 9.77 0.00	104.43 9.61 -1.40	117.25 10.44 0.00	120.54 11.13 0.00	114.61 9.12 -22.42	126.54 7.84 -25.15	237.42 8.92 -140.78	176.97 5.66 -115.93	161.09 5.15 -104.58	151.25 6.79 -79.08	150.84 5.80 -88.22	135.18 5.67 -66.94	165.27 9.10 -58.07	149.77 6.53 -73.53
PROJECT___ORANGE 1 24174	114.31 -1.52 0.00	111.95 -1.57 0.00	85.10 -1.31 0.00	101.60 -1.81 0.00	117.84 -2.03 0.00	148.02 -2.44 0.00	95.33 -1.45 0.00	91.19 -1.49 0.00	95.63 -1.76 0.00	97.96 -1.87 0.00	89.38 -1.86 0.00	91.90 -1.65 -0.12	104.92 -1.89 0.00	107.48 -1.94 0.00	82.40 -1.39 -0.73	94.03 -1.56 -2.05	86.52 -1.37 -0.18	61.03 -0.82 -6.47	57.73 -0.83 -7.20	69.83 -1.06 -5.51	58.71 -0.87 -2.75	62.26 -1.18 -0.88	98.74 -1.97 -2.62	74.87 -1.39 -6.55
PROJECT___ORANGE 2 24166	114.31 -1.52 0.00	111.95 -1.57 0.00	85.10 -1.31 0.00	101.60 -1.81 0.00	117.84 -2.03 0.00	148.02 -2.44 0.00	95.33 -1.45 0.00	91.19 -1.49 0.00	95.63 -1.76 0.00	97.96 -1.87 0.00	89.38 -1.86 0.00	91.90 -1.65 -0.12	104.92 -1.89 0.00	107.48 -1.94 0.00	82.40 -1.39 -0.73	94.03 -1.56 -2.05	86.52 -1.37 -0.18	61.03 -0.82 -6.47	57.73 -0.83 -7.20	69.83 -1.06 -5.51	58.71 -0.87 -2.75	62.26 -1.18 -0.88	98.74 -1.97 -2.62	74.87 -1.39 -6.55
PUCKETT___SOLAR 323809	119.09 3.20 -0.07	116.59 3.07 0.00	88.56 2.16 0.00	105.77 2.37 0.00	122.52 2.65 0.00	153.93 3.48 0.00	99.24 2.46 0.00	94.98 2.31 0.00	99.37 1.98 0.00	101.51 1.67 -0.01	92.33 1.08 0.00	95.13 1.25 -0.46	108.00 1.19 0.00	111.19 1.78 0.00	87.36 1.62 -2.68	103.70 1.63 -8.52	98.02 1.65 -8.65	91.86 1.08 -35.40	89.17 0.67 -37.14	90.42 0.78 -24.26	72.28 0.66 -14.80	77.78 0.37 -14.85	111.06 0.20 -12.77	94.25 0.26 -24.28
PYRITES___HYD 24023	116.48 0.66 0.00	114.26 0.75 0.00	86.95 0.54 0.00	104.78 1.38 0.00	121.54 1.66 0.00	152.19 1.74 0.00	96.36 -0.42 0.00	92.40 -0.28 0.00	97.41 0.02 0.00	99.25 -0.57 0.00	90.54 -0.70 0.00	92.53 -0.90 0.00	105.95 -0.87 0.00	109.13 -0.28 0.00	82.88 -0.19 0.00	93.18 -0.37 0.00	87.40 -0.32 0.00	55.15 -0.22 0.00	51.11 -0.25 0.00	65.16 -0.21 0.00	56.33 -0.50 0.00	62.21 -0.35 0.00	98.14 0.04 0.00	70.06 0.35 0.00
QUAKERRD_115KV_BK1 80622	110.07 -5.76 0.00	107.64 -5.88 0.00	81.68 -4.72 0.00	97.35 -6.06 0.00	113.23 -6.64 0.00	142.37 -8.09 0.00	91.30 -5.49 0.00	86.89 -5.78 0.00	90.68 -6.71 0.00	93.00 -6.83 0.00	83.29 -6.15 1.80	88.01 -5.57 -0.16	99.72 -6.63 0.46	99.24 -6.80 3.38	78.85 -5.18 -0.96	90.19 -5.89 -2.53	82.03 -5.46 0.23	58.18 -3.37 -6.16	54.87 -3.28 -6.79	68.44 -4.19 -7.25	54.32 -3.47 -0.97	56.11 -4.12 2.33	90.89 -6.36 0.84	73.09 -4.33 -7.71
QUENSBRY_115KV_TB8 356137	126.64 10.81 0.00	123.91 10.39 0.00	94.71 8.30 0.00	112.87 9.47 0.00	130.95 11.08 0.00	164.45 13.99 0.00	106.69 9.90 0.00	102.34 9.66 0.00	107.67 10.28 0.00	109.45 9.58 -0.04	99.73 8.48 0.00	103.94 8.75 -1.77	116.88 10.07 0.00	119.80 10.39 0.00	101.55 8.23 -10.25	142.35 9.94 -38.87	191.17 9.64 -93.81	283.50 6.05 -222.07	276.16 5.50 -219.30	190.09 6.89 -117.82	148.94 6.12 -85.99	212.52 6.67 -143.28	176.97 10.38 -68.50	170.98 7.39 -93.88
RAMAPO___LBMP 323565	123.64 7.81 0.00	121.06 7.54 0.00	92.03 5.63 0.00	109.44 6.04 0.00	126.68 6.81 0.00	158.86 8.40 0.00	103.12 6.34 0.00	98.76 6.09 0.00	104.01 6.62 0.00	106.72 6.86 -0.03	96.84 5.59 0.00	100.47 5.70 -1.34	113.33 6.52 0.00	115.92 6.51 0.00	95.91 5.05 -7.80	123.21 5.48 -24.18	112.16 5.21 -19.23	153.41 3.43 -94.60	155.05 3.16 -100.53	137.45 3.98 -68.09	100.43 3.58 -40.02	101.00 3.76 -34.68	139.17 5.91 -35.16	144.69 4.27 -70.71
RANKINE____ 23646	109.29 -6.54 0.00	106.72 -6.80 0.00	80.66 -5.74 0.00	95.86 -7.54 0.00	111.74 -8.13 0.00	140.67 -9.78 0.00	89.53 -7.26 0.00	84.35 -8.32 0.00	87.31 -10.07 0.00	89.82 -10.01 0.00	73.78 -8.93 8.53	79.89 -7.92 5.62	91.13 -9.73 5.95	86.08 -9.65 13.68	66.56 -7.42 9.09	76.16 -8.55 8.85	71.23 -7.97 8.52	56.35 -5.19 -6.16	37.77 -5.09 8.50	48.32 -6.46 10.59	44.22 -5.19 7.42	47.48 -6.02 9.05	78.29 -9.01 10.79	73.01 -6.23 -9.53
RAVENSWOOD_GT2_1 24244	125.73 9.90 0.00	123.02 9.50 0.00	93.44 7.04 0.00	111.00 7.59 0.00	128.49 8.62 0.00	161.18 10.73 0.00	104.67 7.89 0.00	100.37 7.70 0.00	105.86 8.48 0.00	108.80 8.94 -0.04	98.48 7.24 0.00	102.31 7.49 -1.40	115.45 8.64 0.00	118.09 8.68 0.00	97.74 6.56 -8.11	125.65 6.94 -25.16	114.46 6.71 -20.03	158.15 4.32 -98.45	159.94 3.97 -104.62	141.27 5.04 -70.85	103.03 4.56 -41.65	103.49 4.82 -36.11	142.21 7.53 -36.58	148.69 5.42 -73.56



RAVENSWOOD_GT2_2 24245	125.73 9.90 0.00	123.02 9.50 0.00	93.44 7.04 0.00	111.00 7.59 0.00	128.49 8.62 0.00	161.18 10.73 0.00	104.67 7.89 0.00	100.37 7.70 0.00	105.86 8.48 0.00	108.80 8.94 -0.04	98.48 7.24 0.00	102.31 7.49 -1.40	115.45 8.64 0.00	118.09 8.68 0.00	97.74 6.56 -8.11	125.65 6.94 -25.16	114.46 6.71 -20.03	158.15 4.32 -98.45	159.94 3.97 -104.62	141.27 5.04 -70.85	103.03 4.56 -41.65	103.49 4.82 -36.11	142.21 7.53 -36.58	148.69 5.42 -73.56
RAVENSWOOD_GT2_3 24246	125.75 9.92 0.00	123.09 9.57 0.00	93.48 7.07 0.00	111.05 7.64 0.00	128.55 8.68 0.00	161.27 10.82 0.00	104.70 7.92 0.00	100.42 7.75 0.00	105.93 8.54 0.00	108.85 8.99 -0.04	98.52 7.28 0.00	102.36 7.54 -1.40	115.49 8.67 0.00	118.14 8.73 0.00	97.79 6.61 -8.11	125.69 6.97 -25.16	114.51 6.76 -20.03	158.18 4.35 -98.45	159.97 3.99 -104.62	141.30 5.08 -70.85	103.06 4.59 -41.65	103.51 4.83 -36.11	142.24 7.56 -36.58	148.71 5.44 -73.56
RAVENSWOOD_GT2_4 24247	125.75 9.92 0.00	123.09 9.57 0.00	93.48 7.07 0.00	111.05 7.64 0.00	128.55 8.68 0.00	161.27 10.82 0.00	104.70 7.92 0.00	100.42 7.75 0.00	105.93 8.54 0.00	108.85 8.99 -0.04	98.52 7.28 0.00	102.36 7.54 -1.40	115.49 8.67 0.00	118.14 8.73 0.00	97.79 6.61 -8.11	125.69 6.97 -25.16	114.51 6.76 -20.03	158.18 4.35 -98.45	159.97 3.99 -104.62	141.30 5.08 -70.85	103.06 4.59 -41.65	103.51 4.83 -36.11	142.24 7.56 -36.58	148.71 5.44 -73.56
RAVENSWOOD_GT3_1 24248	125.73 9.90 0.00	123.03 9.50 0.00	93.44 7.04 0.00	111.00 7.59 0.00	128.49 8.62 0.00	161.18 10.73 0.00	104.67 7.89 0.00	100.38 7.71 0.00	105.87 8.48 0.00	108.80 8.94 -0.04	98.50 7.25 0.00	102.31 7.49 -1.40	115.46 8.65 0.00	118.09 8.68 0.00	97.74 6.56 -8.11	125.65 6.94 -25.16	114.46 6.71 -20.03	158.15 4.32 -98.45	159.94 3.97 -104.62	141.27 5.04 -70.85	103.03 4.56 -41.65	103.49 4.82 -36.11	142.21 7.53 -36.58	148.69 5.42 -73.56
RAVENSWOOD_GT3_2 24249	125.73 9.90 0.00	123.03 9.50 0.00	93.44 7.04 0.00	111.00 7.59 0.00	128.49 8.62 0.00	161.18 10.73 0.00	104.67 7.89 0.00	100.38 7.71 0.00	105.87 8.48 0.00	108.80 8.94 -0.04	98.50 7.25 0.00	102.31 7.49 -1.40	115.46 8.65 0.00	118.09 8.68 0.00	97.74 6.56 -8.11	125.65 6.94 -25.16	114.46 6.71 -20.03	158.15 4.32 -98.45	159.94 3.97 -104.62	141.27 5.04 -70.85	103.03 4.56 -41.65	103.49 4.82 -36.11	142.21 7.53 -36.58	148.69 5.42 -73.56
RAVENSWOOD_GT3_3 24250	125.88 10.05 0.00	123.21 9.69 0.00	93.57 7.17 0.00	111.15 7.75 0.00	128.67 8.80 0.00	161.44 10.98 0.00	104.81 8.02 0.00	100.52 7.85 0.00	106.03 8.64 0.00	108.96 9.09 -0.04	98.63 7.39 0.00	102.48 7.66 -1.40	115.61 8.80 0.00	118.27 8.86 0.00	97.89 6.71 -8.11	125.81 7.09 -25.16	114.63 6.88 -20.03	158.26 4.43 -98.45	160.04 4.06 -104.62	141.37 5.15 -70.85	103.12 4.64 -41.65	103.58 4.91 -36.11	142.35 7.67 -36.58	148.78 5.52 -73.56
RAVENSWOOD_GT3_4 24251	125.88 10.05 0.00	123.21 9.69 0.00	93.57 7.17 0.00	111.15 7.75 0.00	128.67 8.80 0.00	161.44 10.98 0.00	104.81 8.02 0.00	100.52 7.85 0.00	106.03 8.64 0.00	108.96 9.09 -0.04	98.63 7.39 0.00	102.48 7.66 -1.40	115.61 8.80 0.00	118.27 8.86 0.00	97.89 6.71 -8.11	125.81 7.09 -25.16	114.63 6.88 -20.03	158.26 4.43 -98.45	160.04 4.06 -104.62	141.37 5.15 -70.85	103.12 4.64 -41.65	103.58 4.91 -36.11	142.35 7.67 -36.58	148.78 5.52 -73.56
RAVENSWOOD_GT_1 23729	130.29 10.23 -4.23	128.14 9.85 -4.77	98.45 7.28 -4.77	115.98 7.87 -4.70	133.57 8.97 -4.73	169.04 11.18 -7.40	109.40 8.21 -4.41	105.68 8.02 -4.99	191.68 8.85 -85.44	148.48 9.33 -39.33	105.40 7.54 -6.62	108.63 7.86 -7.35	142.30 9.04 -26.45	177.36 9.08 -58.87	103.93 6.80 -14.06	128.56 7.23 -27.78	120.81 6.99 -26.11	164.94 4.51 -105.06	174.33 4.14 -118.84	142.08 5.30 -71.40	105.80 4.80 -44.17	104.51 5.04 -36.90	148.49 7.86 -42.53	158.58 5.67 -83.20
RAVENSWOOD_GT_10 24258	126.22 9.90 -0.49	123.57 9.50 -0.55	93.99 7.04 -0.55	111.54 7.59 -0.54	129.04 8.62 -0.55	162.04 10.73 -0.85	105.16 7.87 -0.51	100.94 7.69 -0.58	115.72 8.48 -9.86	113.30 8.91 -4.57	99.23 7.23 -0.76	102.99 7.48 -2.08	118.49 8.63 -3.05	124.86 8.66 -6.79	98.42 6.56 -8.80	125.95 6.94 -25.46	115.17 6.71 -20.73	158.91 4.32 -99.21	161.59 3.97 -106.26	141.33 5.04 -70.91	103.32 4.55 -41.94	103.57 4.80 -36.21	142.87 7.51 -37.27	149.80 5.42 -74.67
RAVENSWOOD_GT_11 24259	126.22 9.90 -0.49	123.57 9.50 -0.55	93.99 7.04 -0.55	111.54 7.59 -0.54	129.04 8.62 -0.55	162.04 10.73 -0.85	105.16 7.87 -0.51	100.94 7.69 -0.58	115.72 8.48 -9.86	113.30 8.91 -4.57	99.23 7.23 -0.76	102.99 7.48 -2.08	118.49 8.63 -3.05	124.86 8.66 -6.79	98.42 6.56 -8.80	125.95 6.94 -25.46	115.17 6.71 -20.73	158.91 4.32 -99.21	161.59 3.97 -106.26	141.33 5.04 -70.91	103.32 4.55 -41.94	103.57 4.80 -36.21	142.87 7.51 -37.27	149.80 5.42 -74.67
RAVENSWOOD_GT_4 24252	128.91 9.87 -3.22	126.65 9.50 -3.63	97.05 7.01 -3.63	114.54 7.55 -3.58	132.06 8.59 -3.60	166.82 10.72 -5.64	108.00 7.85 -3.36	104.14 7.67 -3.80	170.89 8.44 -65.06	138.67 8.89 -29.95	103.49 7.21 -5.04	106.81 7.46 -5.93	135.55 8.60 -20.14	162.89 8.65 -44.83	102.27 6.56 -12.64	127.64 6.93 -27.16	119.09 6.71 -24.66	163.18 4.32 -103.49	170.76 3.95 -115.45	141.67 5.02 -71.27	104.93 4.53 -43.57	104.05 4.77 -36.71	146.69 7.48 -41.12	156.00 5.39 -80.90
RAVENSWOOD_GT_5 24254	128.91 9.87 -3.22	126.65 9.50 -3.63	97.05 7.01 -3.63	114.54 7.55 -3.58	132.06 8.59 -3.60	166.82 10.72 -5.64	108.00 7.85 -3.36	104.14 7.67 -3.80	170.89 8.44 -65.06	138.67 8.89 -29.95	103.49 7.21 -5.04	106.81 7.46 -5.93	135.55 8.60 -20.14	162.89 8.65 -44.83	102.27 6.56 -12.64	127.64 6.93 -27.16	119.09 6.71 -24.66	163.18 4.32 -103.49	170.76 3.95 -115.45	141.67 5.02 -71.27	104.93 4.53 -43.57	104.05 4.77 -36.71	146.69 7.48 -41.12	156.00 5.39 -80.90
RAVENSWOOD_GT_6 24253	128.91 9.87 -3.22	126.65 9.50 -3.63	97.05 7.01 -3.63	114.54 7.55 -3.58	132.06 8.59 -3.60	166.82 10.72 -5.64	108.00 7.85 -3.36	104.14 7.67 -3.80	170.89 8.44 -65.06	138.67 8.89 -29.95	103.49 7.21 -5.04	106.81 7.46 -5.93	135.55 8.60 -20.14	162.89 8.65 -44.83	102.27 6.56 -12.64	127.64 6.93 -27.16	119.09 6.71 -24.66	163.18 4.32 -103.49	170.76 3.95 -115.45	141.67 5.02 -71.27	104.93 4.53 -43.57	104.05 4.77 -36.71	146.69 7.48 -41.12	156.00 5.39 -80.90
RAVENSWOOD_GT_7 24255	128.91 9.87 -3.22	126.65 9.50 -3.63	97.05 7.01 -3.63	114.54 7.55 -3.58	132.06 8.59 -3.60	166.82 10.72 -5.64	108.00 7.85 -3.36	104.14 7.67 -3.80	170.89 8.44 -65.06	138.67 8.89 -29.95	103.49 7.21 -5.04	106.81 7.46 -5.93	135.55 8.60 -20.14	162.89 8.65 -44.83	102.27 6.56 -12.64	127.64 6.93 -27.16	119.09 6.71 -24.66	163.18 4.32 -103.49	170.76 3.95 -115.45	141.67 5.02 -71.27	104.93 4.53 -43.57	104.05 4.77 -36.71	146.69 7.48 -41.12	156.00 5.39 -80.90
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	126.22 9.90 -0.49	123.57 9.50 -0.55	93.99 7.04 -0.55	111.54 7.59 -0.54	129.04 8.62 -0.55	162.04 10.73 -0.85	105.16 7.87 -0.51	100.94 7.69 -0.58	115.72 8.48 -9.86	113.30 8.91 -4.57	99.23 7.23 -0.76	102.99 7.48 -2.08	118.49 8.63 -3.05	124.86 8.66 -6.79	98.42 6.56 -8.80	125.95 6.94 -25.46	115.17 6.71 -20.73	158.91 4.32 -99.21	161.59 3.97 -106.26	141.33 5.04 -70.91	103.32 4.55 -41.94	103.57 4.80 -36.21	142.87 7.51 -37.27	149.80 5.42 -74.67

RAVENSWOOD_GT_9 24257	126.22 9.90 -0.49	123.57 9.50 -0.55	93.99 7.04 -0.55	111.54 7.59 -0.54	129.04 8.62 -0.55	162.04 10.73 -0.85	105.16 7.87 -0.51	100.94 7.69 -0.58	115.72 8.48 -9.86	113.30 8.91 -4.57	99.23 7.23 -0.76	102.99 7.48 -2.08	118.49 8.63 -3.05	124.86 8.66 -6.79	98.42 6.56 -8.80	125.95 6.94 -25.46	115.17 6.71 -20.73	158.91 4.32 -99.21	161.59 3.97 -106.26	141.33 5.04 -70.91	103.32 4.55 -41.94	103.57 4.80 -36.21	142.87 7.51 -37.27	149.80 5.42 -74.67
RAVENSWOOD___1 23533	121.71 10.05 4.17	118.54 9.71 4.69	88.87 7.16 4.70	106.53 7.75 4.63	124.01 8.80 4.66	154.19 11.02 7.29	100.51 8.07 4.34	95.67 7.91 4.92	21.96 8.70 84.14	70.36 9.19 38.65	92.10 7.37 6.52	96.61 7.65 4.46	89.56 8.79 26.04	60.29 8.86 57.98	91.95 6.63 -2.25	123.18 7.05 -22.58	108.58 6.82 -14.04	151.72 4.40 -91.94	146.04 4.06 -90.62	140.90 5.22 -70.30	100.69 4.70 -39.16	102.84 4.94 -35.34	136.54 7.72 -30.72	139.35 5.57 -64.07
RAVENSWOOD___2 23534	125.43 10.00 0.39	118.54 9.71 4.69	88.87 7.16 4.70	106.53 7.75 4.63	124.01 8.80 4.66	154.19 11.02 7.29	100.51 8.07 4.34	95.67 7.91 4.92	21.96 8.70 84.14	70.36 9.19 38.65	92.10 7.37 6.52	96.61 7.65 4.46	89.56 8.79 26.04	60.29 8.86 57.98	91.95 6.63 -2.25	123.18 7.05 -22.58	108.58 6.82 -14.04	151.72 4.40 -91.94	146.04 4.06 -90.62	140.90 5.22 -70.30	100.69 4.70 -39.16	102.84 4.94 -35.34	136.54 7.72 -30.72	139.35 5.57 -64.07
RAVENSWOOD___3 23535	125.73 9.91 0.00	123.03 9.51 0.00	93.46 7.06 0.00	111.01 7.60 0.00	128.51 8.63 0.00	161.20 10.74 0.00	104.67 7.89 0.00	100.37 7.70 0.00	105.87 8.48 0.00	108.81 8.94 -0.04	98.50 7.25 0.00	102.31 7.49 -1.40	115.44 8.63 0.00	118.10 8.69 0.00	97.75 6.57 -8.11	125.65 6.94 -25.16	114.46 6.71 -20.03	158.15 4.32 -98.45	159.94 3.97 -104.62	141.27 5.04 -70.85	103.03 4.55 -41.65	103.49 4.82 -36.11	142.21 7.53 -36.58	148.70 5.43 -73.56
RAVENSWOOD___4 23820	121.71 10.05 4.17	118.54 9.71 4.69	88.87 7.16 4.70	106.53 7.75 4.63	124.01 8.80 4.66	154.19 11.02 7.29	100.51 8.07 4.34	95.67 7.91 4.92	21.96 8.70 84.14	70.36 9.19 38.65	92.10 7.37 6.52	96.61 7.65 4.46	89.56 8.79 26.04	60.29 8.86 57.98	91.95 6.63 -2.25	123.18 7.05 -22.58	108.58 6.82 -14.04	151.72 4.40 -91.94	146.04 4.06 -90.62	140.90 5.22 -70.30	100.69 4.70 -39.16	102.84 4.94 -35.34	136.54 7.72 -30.72	139.35 5.57 -64.07
RCPI_TRUST___DRP 24196	125.74 9.91 0.00	123.02 9.50 0.00	93.44 7.04 0.00	111.02 7.62 0.00	128.49 8.62 0.00	161.20 10.74 0.00	104.69 7.90 0.00	100.40 7.73 0.00	105.91 8.52 0.00	108.96 9.09 -0.04	98.69 7.45 0.00	102.58 7.76 -1.40	115.75 8.94 0.00	118.40 8.99 0.00	97.98 6.80 -8.11	125.91 7.20 -25.16	114.72 6.98 -20.03	158.30 4.48 -98.43	160.03 4.07 -104.60	141.34 5.13 -70.84	103.09 4.62 -41.64	103.56 4.89 -36.11	142.32 7.64 -36.58	148.75 5.50 -73.55
RED___ROCHESTER 323720	112.21 -3.46 0.15	109.77 -3.75 0.00	83.27 -3.13 0.00	99.21 -4.20 0.00	115.44 -4.43 0.00	145.16 -5.29 0.00	93.06 -3.73 0.00	88.47 -4.20 0.00	92.22 -5.17 0.00	94.66 -5.16 0.00	84.78 -4.50 1.97	89.93 -3.70 -0.20	101.70 -4.63 0.48	101.02 -4.69 3.71	80.58 -3.54 -1.05	92.10 -4.13 -2.68	83.74 -3.77 0.21	59.30 -2.27 -6.19	55.95 -2.31 -6.91	70.07 -2.91 -7.60	55.36 -2.30 -0.83	56.97 -2.89 2.70	92.47 -4.39 1.23	74.64 -2.95 -7.88
REGAN___SOLAR 323812	124.67 8.85 0.00	122.03 8.51 0.00	92.85 6.45 0.00	110.93 7.53 0.00	128.81 8.94 0.00	161.85 11.40 0.00	104.36 7.57 0.00	100.05 7.38 0.00	103.62 6.23 0.00	103.30 3.42 -0.05	93.07 1.83 0.00	97.68 2.36 -1.89	110.97 4.16 0.00	115.09 5.68 0.00	98.52 4.48 -10.97	140.49 6.15 -40.79	187.59 6.83 -93.04	287.08 4.54 -227.17	280.73 4.13 -225.24	193.42 5.20 -122.84	149.46 4.47 -88.17	210.06 4.71 -142.78	175.98 7.15 -70.73	175.12 4.99 -100.43
RENSSELAER___COGEN 23796	120.18 4.36 0.00	117.83 4.31 0.00	89.77 3.37 0.00	107.12 3.71 0.00	123.83 3.96 0.00	155.06 4.60 0.00	100.13 3.35 0.00	95.91 3.24 0.00	100.95 3.57 0.00	103.56 3.69 -0.04	95.26 4.02 0.00	99.40 4.28 -1.71	111.36 4.55 0.00	114.03 4.62 0.00	96.45 3.49 -9.89	131.15 3.73 -33.87	146.48 3.47 -55.29	221.65 2.21 -164.07	220.20 2.02 -166.83	167.10 2.58 -99.15	124.95 2.30 -65.82	153.13 2.53 -88.03	156.67 3.93 -54.65	162.40 2.56 -90.13
REPUBLIC_115KV_BARTNBRK 55605	131.54 15.71 0.00	128.37 14.85 0.00	98.28 11.87 0.00	116.68 13.27 0.00	135.26 15.39 0.00	169.90 19.44 0.00	111.25 14.47 0.00	106.81 14.14 0.00	112.72 15.34 0.00	113.50 13.63 -0.04	103.62 12.38 0.00	108.01 12.82 -1.77	121.35 14.54 0.00	123.88 14.47 0.00	104.79 11.49 -10.24	146.91 14.59 -38.77	195.17 14.31 -93.14	285.48 9.08 -221.03	277.95 8.24 -218.35	193.22 10.38 -117.46	151.62 9.17 -85.63	214.91 10.02 -142.32	181.88 15.54 -68.24	174.44 10.96 -93.78
REVERE_CPWR_DRP 24186	121.26 5.43 0.00	118.87 5.35 0.00	90.44 4.04 0.00	108.15 4.74 0.00	125.50 5.63 0.00	157.84 7.38 0.00	101.72 4.94 0.00	97.40 4.72 0.00	101.90 4.52 0.00	103.73 3.90 0.00	94.33 3.09 0.00	96.63 3.14 -0.07	111.04 4.23 0.00	114.07 4.66 0.00	87.07 3.61 -0.39	99.10 4.44 -1.11	92.09 4.27 -0.09	61.52 2.64 -3.50	57.56 2.31 -3.90	71.35 3.00 -2.98	60.84 2.53 -1.49	65.45 2.41 -0.47	102.94 3.43 -1.42	75.37 2.12 -3.55
REYNOLDS_115KV_TB3 80639	120.97 5.15 0.00	118.66 5.14 0.00	90.42 4.02 0.00	107.78 4.37 0.00	124.68 4.81 0.00	156.06 5.61 0.00	100.73 3.95 0.00	96.48 3.81 0.00	101.61 4.22 0.00	104.27 4.40 -0.04	95.84 4.59 0.00	100.03 4.90 -1.71	112.16 5.35 0.00	114.81 5.40 0.00	97.15 4.17 -9.91	132.55 4.54 -34.46	152.25 4.12 -60.42	229.48 2.56 -171.54	227.26 2.36 -173.54	169.80 3.01 -101.42	127.92 2.69 -68.40	160.92 3.00 -95.36	159.19 4.71 -56.39	163.36 3.27 -90.38
RIVERBAY____ 323610	126.04 10.22 0.00	123.46 9.94 0.00	93.72 7.31 0.00	111.38 7.97 0.00	129.07 9.20 0.00	162.01 11.56 0.00	105.26 8.47 0.00	100.89 8.22 0.00	106.38 9.00 0.00	109.11 9.25 -0.04	98.63 7.39 0.00	102.69 7.87 -1.40	115.98 9.17 0.00	118.44 9.03 0.00	97.86 6.68 -8.11	125.99 7.28 -25.16	114.75 7.00 -20.03	158.30 4.47 -98.45	160.05 4.07 -104.62	141.47 5.25 -70.85	103.16 4.69 -41.65	103.60 4.92 -36.11	142.36 7.68 -36.58	148.80 5.53 -73.56
RIVERSIDE_115KV_TB3 55908	120.73 4.90 0.00	118.40 4.88 0.00	90.22 3.82 0.00	107.59 4.18 0.00	124.42 4.55 0.00	155.78 5.33 0.00	100.54 3.76 0.00	96.34 3.67 0.00	101.43 4.05 0.00	104.05 4.18 -0.04	95.72 4.48 0.00	99.89 4.76 -1.71	111.96 5.15 0.00	114.63 5.22 0.00	96.96 3.96 -9.93	132.45 4.32 -34.58	152.68 3.96 -61.00	230.45 2.49 -172.57	228.15 2.29 -174.51	170.12 2.91 -101.83	128.20 2.60 -68.77	161.64 2.86 -96.22	159.22 4.46 -56.66	163.29 2.99 -90.59
ROARING___BROOK_WT_PWR 323790	114.85 -0.98 0.00	112.49 -1.03 0.00	85.78 -0.63 0.00	102.92 -0.49 0.00	119.32 -0.55 0.00	149.84 -0.62 0.00	96.04 -0.74 0.00	91.73 -0.94 0.00	95.92 -1.47 0.00	98.01 -1.82 0.00	89.70 -1.55 0.00	91.72 -1.70 0.00	104.96 -1.85 0.00	107.58 -1.83 0.00	81.56 -1.51 0.00	91.87 -1.68 0.00	85.93 -1.79 0.00	54.17 -1.21 0.00	50.35 -1.01 0.00	64.08 -1.30 0.00	55.63 -1.20 0.00	61.28 -1.28 0.00	96.11 -1.99 0.00	68.12 -1.59 0.00

ROCHESRG_115KV_T4 355643	111.21 -4.61 0.00	108.71 -4.81 0.00	82.46 -3.95 0.00	98.19 -5.21 0.00	114.29 -5.58 0.00	143.69 -6.76 0.00	92.03 -4.76 0.00	87.42 -5.26 0.00	91.09 -6.30 0.00	93.46 -6.37 0.00	82.97 -5.70 2.58	87.92 -4.94 0.56	99.67 -6.01 1.13	98.73 -6.13 4.55	78.04 -4.70 0.32	89.17 -5.39 -1.00	81.13 -4.99 1.60	57.80 -3.08 -5.50	52.61 -3.04 -4.29	66.37 -3.83 -4.82	53.49 -3.10 0.24	55.17 -3.74 3.66	90.22 -5.63 2.24	73.67 -3.77 -7.74
ROCHESTER_9_IC 23652	111.86 -3.96 0.00	109.31 -4.21 0.00	82.91 -3.50 0.00	98.76 -4.65 0.00	114.93 -4.94 0.00	144.55 -5.90 0.00	92.60 -4.19 0.00	87.99 -4.69 0.00	91.72 -5.67 0.00	94.13 -5.70 0.00	84.20 -5.08 1.97	89.35 -4.27 -0.20	101.06 -5.28 0.48	100.33 -5.37 3.70	79.99 -4.13 -1.05	91.49 -4.73 -2.68	83.15 -4.36 0.21	58.92 -2.65 -6.19	55.60 -2.66 -6.91	69.61 -3.36 -7.60	54.96 -2.70 -0.83	56.56 -3.30 2.70	91.87 -5.00 1.23	74.25 -3.33 -7.88
ROCKVIEW_13_KV_LD 356306	125.66 9.84 0.00	123.02 9.50 0.00	93.46 7.06 0.00	111.05 7.64 0.00	128.55 8.68 0.00	161.24 10.78 0.00	104.68 7.90 0.00	100.36 7.68 0.00	105.81 8.42 0.00	108.64 8.78 -0.04	98.58 7.34 0.00	102.38 7.57 -1.40	115.47 8.66 0.00	118.14 8.72 0.00	97.86 6.68 -8.11	125.84 7.13 -25.16	114.63 6.87 -20.03	158.26 4.44 -98.44	160.05 4.08 -104.61	141.38 5.16 -70.84	103.10 4.62 -41.65	103.58 4.90 -36.11	142.32 7.64 -36.58	148.73 5.47 -73.56
ROME____115KV_TB2 80656	121.26 5.43 0.00	118.87 5.35 0.00	90.44 4.04 0.00	108.15 4.74 0.00	125.50 5.63 0.00	157.84 7.38 0.00	101.72 4.94 0.00	97.40 4.72 0.00	101.90 4.52 0.00	103.73 3.90 0.00	94.33 3.09 0.00	96.63 3.14 -0.07	111.04 4.23 0.00	114.07 4.66 0.00	87.07 3.61 -0.39	99.10 4.44 -1.11	92.09 4.27 -0.09	61.52 2.64 -3.50	57.56 2.31 -3.90	71.35 3.00 -2.98	60.84 2.53 -1.49	65.45 2.41 -0.47	102.94 3.43 -1.42	75.37 2.12 -3.55
ROSETON___1 23587	123.66 7.84 0.00	121.10 7.58 0.00	92.09 5.68 0.00	109.51 6.10 0.00	126.79 6.92 0.00	158.99 8.54 0.00	103.06 6.27 0.00	98.73 6.06 0.00	104.03 6.64 0.00	106.75 6.89 -0.04	97.00 5.76 0.00	100.81 5.99 -1.40	113.59 6.78 0.00	116.20 6.79 0.00	96.43 5.26 -8.11	124.36 5.69 -25.12	112.94 5.41 -19.81	156.96 3.49 -98.09	158.85 3.21 -104.29	140.15 4.06 -70.72	101.99 3.64 -41.52	102.24 3.88 -35.79	140.67 6.08 -36.49	147.61 4.38 -73.51
ROSETON___2 23588	123.66 7.84 0.00	121.10 7.58 0.00	92.09 5.68 0.00	109.51 6.10 0.00	126.79 6.92 0.00	158.99 8.54 0.00	103.06 6.27 0.00	98.73 6.06 0.00	104.03 6.64 0.00	106.75 6.89 -0.04	97.00 5.76 0.00	100.81 5.99 -1.40	113.59 6.78 0.00	116.20 6.79 0.00	96.43 5.26 -8.11	124.36 5.69 -25.12	112.94 5.41 -19.81	156.96 3.49 -98.09	158.85 3.21 -104.29	140.15 4.06 -70.72	101.99 3.64 -41.52	102.24 3.88 -35.79	140.67 6.08 -36.49	147.61 4.38 -73.51
ROTRDAM_115KV_TB3 80664	120.95 5.13 0.00	118.54 5.02 0.00	90.27 3.87 0.00	107.68 4.27 0.00	124.77 4.90 0.00	156.51 6.06 0.00	101.00 4.22 0.00	96.75 4.07 0.00	101.67 4.28 0.00	103.92 4.04 -0.04	94.74 3.50 0.00	98.91 3.71 -1.79	111.11 4.30 0.00	113.99 4.58 0.00	97.00 3.57 -10.36	137.62 4.13 -39.94	192.83 3.98 -101.13	291.37 2.51 -233.48	283.37 2.30 -229.71	190.00 2.92 -121.71	149.42 2.60 -90.00	219.20 2.82 -153.82	173.77 4.38 -71.29	167.87 3.15 -95.01
RUSSELL___1 23602	112.43 -3.39 0.00	109.87 -3.65 0.00	83.31 -3.10 0.00	99.25 -4.16 0.00	115.50 -4.37 0.00	145.20 -5.26 0.00	93.10 -3.68 0.00	88.52 -4.15 0.00	92.27 -5.11 0.00	94.70 -5.13 0.00	84.78 -4.50 1.97	89.95 -3.68 -0.20	101.76 -4.57 0.48	101.06 -4.64 3.71	80.55 -3.57 -1.05	92.12 -4.11 -2.68	83.73 -3.79 0.21	59.30 -2.27 -6.19	55.96 -2.30 -6.91	70.07 -2.91 -7.60	55.36 -2.31 -0.83	56.97 -2.89 2.70	92.47 -4.39 1.23	74.65 -2.94 -7.88
RUSSELL___2 23532	112.43 -3.39 0.00	109.87 -3.65 0.00	83.31 -3.10 0.00	99.25 -4.16 0.00	115.50 -4.37 0.00	145.20 -5.26 0.00	93.10 -3.68 0.00	88.52 -4.15 0.00	92.27 -5.11 0.00	94.70 -5.13 0.00	84.78 -4.50 1.97	89.95 -3.68 -0.20	101.76 -4.57 0.48	101.06 -4.64 3.71	80.55 -3.57 -1.05	92.12 -4.11 -2.68	83.73 -3.79 0.21	59.30 -2.27 -6.19	55.96 -2.30 -6.91	70.07 -2.91 -7.60	55.36 -2.31 -0.83	56.97 -2.89 2.70	92.47 -4.39 1.23	74.65 -2.94 -7.88
RUSSELL___3 23549	112.43 -3.39 0.00	109.87 -3.65 0.00	83.31 -3.10 0.00	99.25 -4.16 0.00	115.50 -4.37 0.00	145.20 -5.26 0.00	93.10 -3.68 0.00	88.52 -4.15 0.00	92.27 -5.11 0.00	94.70 -5.13 0.00	84.78 -4.50 1.97	89.95 -3.68 -0.20	101.76 -4.57 0.48	101.06 -4.64 3.71	80.55 -3.57 -1.05	92.12 -4.11 -2.68	83.73 -3.79 0.21	59.30 -2.27 -6.19	55.96 -2.30 -6.91	70.07 -2.91 -7.60	55.36 -2.31 -0.83	56.97 -2.89 2.70	92.47 -4.39 1.23	74.65 -2.94 -7.88
RUSSELL___4 23556	112.43 -3.39 0.00	109.87 -3.65 0.00	83.31 -3.10 0.00	99.25 -4.16 0.00	115.50 -4.37 0.00	145.20 -5.26 0.00	93.10 -3.68 0.00	88.52 -4.15 0.00	92.27 -5.11 0.00	94.70 -5.13 0.00	84.78 -4.50 1.97	89.95 -3.68 -0.20	101.76 -4.57 0.48	101.06 -4.64 3.71	80.55 -3.57 -1.05	92.12 -4.11 -2.68	83.73 -3.79 0.21	59.30 -2.27 -6.19	55.96 -2.30 -6.91	70.07 -2.91 -7.60	55.36 -2.31 -0.83	56.97 -2.89 2.70	92.47 -4.39 1.23	74.65 -2.94 -7.88
RUSSELL___STATION 23914	112.43 -3.39 0.00	109.87 -3.65 0.00	83.31 -3.10 0.00	99.25 -4.16 0.00	115.50 -4.37 0.00	145.20 -5.26 0.00	93.10 -3.68 0.00	88.52 -4.15 0.00	92.27 -5.11 0.00	94.70 -5.13 0.00	84.78 -4.50 1.97	89.95 -3.68 -0.20	101.76 -4.57 0.48	101.06 -4.64 3.71	80.55 -3.57 -1.05	92.12 -4.11 -2.68	83.73 -3.79 0.21	59.30 -2.27 -6.19	55.96 -2.30 -6.91	70.07 -2.91 -7.60	55.36 -2.31 -0.83	56.97 -2.89 2.70	92.47 -4.39 1.23	74.65 -2.94 -7.88
S SALMON___HYD 24043	115.39 -0.44 0.00	112.89 -0.63 0.00	85.80 -0.61 0.00	102.54 -0.87 0.00	118.78 -1.09 0.00	149.17 -1.28 0.00	96.00 -0.78 0.00	91.77 -0.90 0.00	95.73 -1.66 0.00	97.74 -2.08 0.00	89.41 -1.84 0.00	91.99 -1.54 -0.10	104.76 -2.05 0.00	107.28 -2.13 0.00	82.24 -1.40 -0.57	93.77 -1.40 -1.61	86.80 -1.06 -0.14	59.83 -0.64 -5.10	56.26 -0.78 -5.68	68.93 -0.79 -4.35	58.29 -0.70 -2.17	62.09 -1.17 -0.69	98.11 -2.06 -2.07	73.21 -1.67 -5.17
S.PERRY__115KV_TB1 80734	112.50 -3.32 0.00	109.97 -3.55 0.00	83.41 -3.00 0.00	99.18 -4.23 0.00	115.09 -4.78 0.00	144.80 -5.66 0.00	93.48 -3.30 0.00	88.73 -3.94 0.00	92.49 -4.89 0.00	94.68 -5.14 0.00	97.48 -4.68 -10.91	111.82 -1.07 -19.46	119.04 -2.98 -15.21	118.81 -3.43 -12.83	116.06 -2.69 -35.67	136.75 -2.47 -45.66	123.28 -1.71 -37.27	81.52 -0.79 -26.93	125.58 -0.82 -75.04	144.84 -1.03 -80.49	82.97 -0.96 -27.10	82.19 -1.99 -21.62	115.88 -3.34 -21.13	79.94 -2.31 -12.54
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	108.08 -7.75 0.00	105.55 -7.97 0.00	79.84 -6.57 0.00	94.88 -8.52 0.00	110.72 -9.15 0.00	139.35 -11.11 0.00	88.59 -8.19 0.00	83.41 -9.27 0.00	86.23 -11.15 0.00	88.68 -11.15 0.00	73.25 -9.89 8.10	79.18 -8.84 5.40	90.29 -10.82 5.70	85.72 -10.75 12.94	66.04 -8.28 8.75	75.51 -9.53 8.52	70.55 -8.98 8.19	55.61 -5.78 -6.01	37.60 -5.63 8.12	47.92 -7.08 10.38	44.09 -5.67 7.06	47.55 -6.57 8.45	78.25 -9.80 10.05	72.24 -6.66 -9.19

SAWYER___23_KV_LOAD 55526	108.08 -7.75 0.00	105.55 -7.97 0.00	79.84 -6.57 0.00	94.88 -8.52 0.00	110.72 -9.15 0.00	139.35 -11.11 0.00	88.59 -8.19 0.00	83.41 -9.27 0.00	86.23 -11.15 0.00	88.68 -11.15 0.00	73.25 -9.89 8.10	79.18 -8.84 5.40	90.29 -10.82 5.70	85.72 -10.75 12.94	66.04 -8.28 8.75	75.51 -9.53 8.52	70.55 -8.98 8.19	55.61 -5.78 -6.01	37.60 -5.63 8.12	47.92 -7.08 10.38	44.09 -5.67 7.06	47.55 -6.57 8.45	78.25 -9.80 10.05	72.24 -6.66 -9.19
SELKIRK___I 23801	120.56 4.73 0.00	118.20 4.68 0.00	90.02 3.62 0.00	107.41 4.01 0.00	124.29 4.42 0.00	155.75 5.29 0.00	100.44 3.66 0.00	96.20 3.52 0.00	101.04 3.65 0.00	103.37 3.50 -0.04	94.73 3.49 0.00	98.88 3.78 -1.68	110.90 4.09 0.00	113.81 4.40 0.00	96.24 3.42 -9.75	129.56 3.77 -32.24	134.84 3.64 -43.47	203.65 2.29 -145.98	203.83 2.07 -150.40	161.18 2.65 -93.16	118.69 2.36 -59.50	136.19 2.57 -71.06	152.45 4.08 -50.27	161.17 2.79 -88.67
SELKIRK___II 23799	120.30 4.48 0.00	117.93 4.41 0.00	89.82 3.42 0.00	107.15 3.74 0.00	123.95 4.08 0.00	155.31 4.85 0.00	100.23 3.45 0.00	96.00 3.33 0.00	101.04 3.65 0.00	103.63 3.76 -0.04	95.00 3.76 0.00	99.12 4.00 -1.70	111.15 4.34 0.00	113.84 4.43 0.00	96.29 3.38 -9.84	129.94 3.63 -32.76	137.01 3.43 -45.87	207.75 2.17 -150.20	207.70 1.98 -154.37	162.78 2.53 -94.87	120.13 2.26 -61.04	139.57 2.45 -74.55	153.34 3.85 -51.40	161.88 2.61 -89.56
SENECA OSWGO___HYD 24041	113.29 -2.53 0.00	110.95 -2.57 0.00	84.33 -2.07 0.00	100.72 -2.68 0.00	116.89 -2.99 0.00	146.80 -3.66 0.00	94.50 -2.28 0.00	90.41 -2.26 0.00	94.83 -2.56 0.00	97.11 -2.72 0.00	88.69 -2.55 0.00	91.22 -2.31 -0.11	104.12 -2.69 0.00	106.56 -2.85 0.00	81.59 -2.12 -0.64	93.02 -2.35 -1.81	85.78 -2.10 -0.15	59.85 -1.26 -5.73	56.51 -1.23 -6.38	68.70 -1.56 -4.88	57.94 -1.32 -2.44	61.72 -1.62 -0.78	97.75 -2.66 -2.32	73.61 -1.91 -5.80
SENECA___115KV_TB3 355854	109.50 -6.32 0.00	106.93 -6.59 0.00	80.82 -5.58 0.00	96.07 -7.33 0.00	111.97 -7.90 0.00	140.96 -9.50 0.00	89.71 -7.07 0.00	84.52 -8.15 0.00	87.48 -9.91 0.00	90.00 -9.83 0.00	73.95 -8.76 8.53	80.08 -7.73 5.62	91.33 -9.52 5.95	86.29 -9.44 13.68	66.71 -7.27 9.09	76.33 -8.37 8.85	71.40 -7.79 8.52	56.46 -5.08 -6.16	37.87 -4.98 8.50	48.45 -6.33 10.59	44.33 -5.08 7.42	47.61 -5.90 9.05	78.45 -8.85 10.79	73.14 -6.10 -9.53
SENECA___ENERGY 23797	113.84 -1.98 0.00	111.33 -2.19 0.00	84.60 -1.81 0.00	101.01 -2.40 0.00	117.06 -2.81 0.00	147.04 -3.41 0.00	94.85 -1.94 0.00	90.71 -1.97 0.00	94.83 -2.56 0.00	97.04 -2.79 0.00	88.93 -2.68 -0.37	92.56 -2.34 -1.47	105.16 -2.58 -0.93	106.93 -2.66 -0.18	84.53 -1.89 -3.35	97.48 -2.07 -6.00	90.63 -1.69 -4.60	67.08 -0.94 -12.64	67.06 -0.89 -16.59	77.77 -1.34 -13.73	61.93 -1.10 -6.20	65.81 -1.52 -4.77	100.22 -2.74 -4.86	77.17 -1.80 -9.26
SHOEMAKER___GT 23640	122.82 7.00 0.00	120.28 6.76 0.00	91.44 5.03 0.00	108.87 5.46 0.00	126.02 6.15 0.00	158.11 7.65 0.00	102.41 5.63 0.00	98.15 5.48 0.00	103.30 5.91 0.00	105.86 6.00 -0.03	96.13 4.89 0.00	99.78 5.08 -1.28	112.62 5.81 0.00	115.24 5.83 0.00	95.03 4.55 -7.41	121.57 5.03 -22.99	110.79 4.79 -18.27	148.44 3.15 -89.92	149.81 2.90 -95.56	133.74 3.64 -64.73	98.14 3.26 -38.05	98.96 3.45 -32.95	136.88 5.37 -33.42	140.78 3.85 -67.22
SHOEMAKR_138KV_BK 111 55601	122.76 6.93 0.00	120.21 6.69 0.00	91.41 5.00 0.00	108.79 5.39 0.00	125.99 6.12 0.00	158.00 7.55 0.00	102.37 5.58 0.00	98.07 5.40 0.00	103.24 5.85 0.00	105.83 5.97 -0.03	96.13 4.89 0.00	99.76 5.07 -1.27	112.60 5.79 0.00	115.19 5.78 0.00	94.97 4.54 -7.36	121.37 4.98 -22.83	110.62 4.75 -18.15	147.79 3.10 -89.31	149.12 2.85 -94.91	133.28 3.61 -64.29	97.83 3.22 -37.79	98.69 3.40 -32.73	136.60 5.31 -33.19	140.28 3.81 -66.76
SHOREHAM_IC_1 23715	138.80 14.15 -8.82	144.24 13.44 -17.28	96.38 9.97 0.00	114.44 11.03 0.00	132.78 12.91 0.00	167.21 16.76 0.00	150.31 12.37 -41.16	152.13 12.28 -47.18	128.71 12.92 -18.40	110.66 10.80 -0.04	101.01 9.77 0.00	104.43 9.61 -1.40	117.25 10.44 0.00	120.54 11.13 0.00	114.61 9.12 -22.42	126.54 7.84 -25.15	237.42 8.92 -140.78	176.97 5.66 -115.93	161.09 5.15 -104.58	151.25 6.79 -79.08	150.84 5.80 -88.22	135.18 5.67 -66.94	165.27 9.10 -58.07	149.77 6.53 -73.53
SHOREHAM_IC_2 23716	138.80 14.15 -8.82	144.24 13.44 -17.28	96.38 9.97 0.00	114.44 11.03 0.00	132.78 12.91 0.00	167.21 16.76 0.00	150.31 12.37 -41.16	152.13 12.28 -47.18	128.71 12.92 -18.40	110.66 10.80 -0.04	101.01 9.77 0.00	104.43 9.61 -1.40	117.25 10.44 0.00	120.54 11.13 0.00	114.61 9.12 -22.42	126.54 7.84 -25.15	237.42 8.92 -140.78	176.97 5.66 -115.93	161.09 5.15 -104.58	151.25 6.79 -79.08	150.84 5.80 -88.22	135.18 5.67 -66.94	165.27 9.10 -58.07	149.77 6.53 -73.53
SISSONVILLE____ 23735	114.77 -1.05 0.00	112.51 -1.00 0.00	85.65 -0.75 0.00	103.13 -0.28 0.00	119.62 -0.26 0.00	149.72 -0.73 0.00	94.79 -1.99 0.00	90.81 -1.86 0.00	95.71 -1.68 0.00	97.94 -1.88 0.00	89.99 -1.26 0.00	92.00 -1.42 0.00	105.07 -1.74 0.00	107.84 -1.58 0.00	81.80 -1.27 0.00	92.11 -1.44 0.00	85.93 -1.78 0.00	54.00 -1.37 0.00	50.01 -1.35 0.00	63.80 -1.58 0.00	55.15 -1.68 0.00	60.99 -1.57 0.00	96.28 -1.81 0.00	68.76 -0.94 0.00
SITHE_IND_GS1 24169	111.70 -4.12 0.00	109.38 -4.15 0.00	83.20 -3.20 0.00	99.36 -4.05 0.00	115.27 -4.60 0.00	144.71 -5.75 0.00	93.14 -3.64 0.00	89.07 -3.60 0.00	93.45 -3.93 0.00	95.75 -4.08 0.00	87.46 -3.78 0.00	89.82 -3.69 -0.09	102.56 -4.25 0.00	105.07 -4.34 0.00	80.34 -3.23 -0.50	91.30 -3.67 -1.42	84.45 -3.39 -0.12	57.77 -2.10 -4.48	54.37 -1.99 -5.00	66.66 -2.54 -3.82	56.58 -2.16 -1.91	60.66 -2.51 -0.61	95.93 -3.98 -1.82	71.46 -2.79 -4.55
SITHE_IND_GS2 24170	111.70 -4.12 0.00	109.38 -4.15 0.00	83.20 -3.20 0.00	99.36 -4.05 0.00	115.27 -4.60 0.00	144.71 -5.75 0.00	93.14 -3.64 0.00	89.07 -3.60 0.00	93.45 -3.93 0.00	95.75 -4.08 0.00	87.46 -3.78 0.00	89.82 -3.69 -0.09	102.56 -4.25 0.00	105.07 -4.34 0.00	80.34 -3.23 -0.50	91.30 -3.67 -1.42	84.45 -3.39 -0.12	57.77 -2.10 -4.48	54.37 -1.99 -5.00	66.66 -2.54 -3.82	56.58 -2.16 -1.91	60.66 -2.51 -0.61	95.93 -3.98 -1.82	71.46 -2.79 -4.55
SITHE_IND_GS3 24171	111.70 -4.12 0.00	109.38 -4.15 0.00	83.20 -3.20 0.00	99.36 -4.05 0.00	115.27 -4.60 0.00	144.71 -5.75 0.00	93.14 -3.64 0.00	89.07 -3.60 0.00	93.45 -3.93 0.00	95.75 -4.08 0.00	87.46 -3.78 0.00	89.82 -3.69 -0.09	102.56 -4.25 0.00	105.07 -4.34 0.00	80.34 -3.23 -0.50	91.30 -3.67 -1.42	84.45 -3.39 -0.12	57.77 -2.10 -4.48	54.37 -1.99 -5.00	66.66 -2.54 -3.82	56.58 -2.16 -1.91	60.66 -2.51 -0.61	95.93 -3.98 -1.82	71.46 -2.79 -4.55
SITHE_IND_GS4 24172	111.70 -4.12 0.00	109.38 -4.15 0.00	83.20 -3.20 0.00	99.36 -4.05 0.00	115.27 -4.60 0.00	144.71 -5.75 0.00	93.14 -3.64 0.00	89.07 -3.60 0.00	93.45 -3.93 0.00	95.75 -4.08 0.00	87.46 -3.78 0.00	89.82 -3.69 -0.09	102.56 -4.25 0.00	105.07 -4.34 0.00	80.34 -3.23 -0.50	91.30 -3.67 -1.42	84.45 -3.39 -0.12	57.77 -2.10 -4.48	54.37 -1.99 -5.00	66.66 -2.54 -3.82	56.58 -2.16 -1.91	60.66 -2.51 -0.61	95.93 -3.98 -1.82	71.46 -2.79 -4.55

SITHE___BATAVIA 24024	111.40 -4.19 0.23	109.00 -4.52 0.00	82.54 -3.87 0.00	98.21 -5.20 0.00	114.57 -5.30 0.00	144.32 -6.14 0.00	92.01 -4.78 0.00	86.99 -5.69 0.00	90.26 -7.13 0.00	92.64 -7.19 0.00	80.29 -6.21 4.74	85.65 -5.31 2.46	97.01 -6.89 2.90	94.60 -6.92 7.89	73.94 -5.56 3.57	84.92 -6.17 2.46	79.08 -5.73 2.91	59.66 -3.38 -7.67	49.52 -3.36 -1.53	61.66 -4.14 -0.43	51.91 -3.17 1.75	54.58 -3.73 4.25	87.16 -5.60 5.34	74.28 -3.96 -8.53
SITHE___INDEPEND 23800	111.71 -4.11 0.00	109.39 -4.13 0.00	83.20 -3.20 0.00	99.36 -4.04 0.00	115.28 -4.59 0.00	144.71 -5.75 0.00	93.15 -3.63 0.00	89.07 -3.60 0.00	93.46 -3.92 0.00	95.75 -4.07 0.00	87.45 -3.79 0.00	89.83 -3.68 -0.09	102.58 -4.23 0.00	105.08 -4.33 0.00	80.34 -3.23 -0.50	91.31 -3.66 -1.42	84.45 -3.39 -0.12	57.77 -2.10 -4.48	54.36 -1.99 -5.00	66.66 -2.54 -3.82	56.58 -2.15 -1.91	60.67 -2.50 -0.61	95.93 -3.98 -1.82	71.46 -2.79 -4.55
SITHE___MASSENA 23902	114.20 -1.63 0.00	111.99 -1.53 0.00	85.25 -1.16 0.00	102.64 -0.77 0.00	119.06 -0.82 0.00	149.49 -0.96 0.00	95.23 -1.56 0.00	91.26 -1.41 0.00	96.32 -1.07 0.00	98.77 -1.05 0.00	90.41 -0.83 0.00	92.42 -1.01 0.00	105.58 -1.23 0.00	108.23 -1.18 0.00	82.00 -1.06 0.00	92.33 -1.23 0.00	86.49 -1.23 0.00	54.50 -0.88 0.00	50.53 -0.82 0.00	64.39 -0.98 0.00	55.75 -1.07 0.00	61.60 -0.97 0.00	96.77 -1.32 0.00	68.97 -0.73 0.00
SITHE___OGDNSBRG 24021	116.17 0.34 0.00	113.94 0.42 0.00	86.72 0.32 0.00	104.51 1.10 0.00	121.25 1.38 0.00	152.02 1.56 0.00	96.46 -0.32 0.00	92.52 -0.16 0.00	97.56 0.17 0.00	99.46 -0.37 0.00	90.55 -0.70 0.00	92.48 -0.94 0.00	106.00 -0.81 0.00	109.19 -0.22 0.00	82.86 -0.21 0.00	93.17 -0.38 0.00	87.53 -0.19 0.00	55.28 -0.10 0.00	51.25 -0.10 0.00	65.32 -0.06 0.00	56.50 -0.33 0.00	62.38 -0.18 0.00	98.22 0.13 0.00	70.04 0.34 0.00
SITHE___STERLING 23777	119.76 3.93 0.00	117.46 3.94 0.00	89.40 3.00 0.00	106.88 3.48 0.00	124.04 4.17 0.00	155.93 5.48 0.00	100.56 3.78 0.00	96.27 3.59 0.00	100.84 3.45 0.00	102.77 2.94 0.00	93.40 2.16 0.00	95.66 2.15 -0.08	109.88 3.07 0.00	112.87 3.46 0.00	86.20 2.67 -0.46	98.17 3.31 -1.30	91.05 3.22 -0.11	61.45 1.96 -4.12	57.62 1.68 -4.59	71.03 2.14 -3.51	60.41 1.83 -1.75	64.85 1.73 -0.56	102.20 2.44 -1.67	75.39 1.51 -4.17
SLEIGHT__34_KV_TB1 80719	113.04 -2.78 0.00	110.55 -2.97 0.00	83.86 -2.55 0.00	99.99 -3.42 0.00	116.25 -3.62 0.00	146.14 -4.32 0.00	93.91 -2.87 0.00	89.51 -3.17 0.00	93.60 -3.78 0.00	95.96 -3.87 0.00	86.60 -3.58 1.07	90.55 -3.04 -0.17	102.98 -3.56 0.27	103.58 -3.82 2.01	81.22 -2.81 -0.96	92.97 -3.19 -2.62	84.81 -2.87 0.04	60.86 -1.69 -7.17	57.59 -1.72 -7.95	70.41 -2.28 -7.31	57.04 -1.85 -2.07	59.31 -2.34 0.91	95.28 -3.74 -0.93	75.38 -2.47 -8.14
SOUTH CAIRO___GT 23612	125.58 9.76 0.00	123.10 9.58 0.00	93.76 7.36 0.00	111.96 8.55 0.00	129.53 9.65 0.00	162.46 12.00 0.00	104.92 8.14 0.00	100.70 8.03 0.00	106.05 8.66 0.00	107.82 7.95 -0.04	98.30 7.05 0.00	102.11 7.05 -1.63	114.32 7.51 0.00	118.15 8.73 0.00	99.14 6.62 -9.45	132.23 7.43 -31.25	137.68 7.84 -42.12	202.04 5.18 -141.48	201.88 4.76 -145.77	161.54 5.87 -90.29	119.55 5.06 -57.67	136.80 5.39 -68.85	155.12 8.30 -48.73	161.20 5.54 -85.96
SOUTH HAMPTN___IC 23720	139.98 15.33 -8.82	145.49 14.69 -17.28	97.43 11.03 0.00	115.78 12.37 0.00	134.45 14.58 0.00	169.41 18.95 0.00	151.72 13.77 -41.16	153.47 13.62 -47.18	130.08 14.29 -18.40	112.10 12.24 -0.04	102.17 10.93 0.00	105.57 10.75 -1.40	118.53 11.71 0.00	121.74 12.33 0.00	115.43 9.95 -22.42	127.37 8.67 -25.15	238.20 9.70 -140.78	177.39 6.08 -115.93	161.38 5.44 -104.58	151.59 7.14 -79.08	151.12 6.08 -88.22	135.44 5.93 -66.94	165.56 9.39 -58.07	149.90 6.66 -73.53
SOUTHDOW_115KV_TB1 355954	112.93 -2.90 0.00	110.23 -3.29 0.00	83.15 -3.26 0.00	98.79 -4.62 0.00	114.32 -5.55 0.00	143.14 -7.32 0.00	91.25 -5.53 0.00	86.01 -6.66 0.00	89.29 -8.09 0.00	92.07 -7.76 0.00	77.59 -6.62 7.04	84.79 -5.52 3.11	95.60 -7.25 3.97	90.43 -7.10 11.88	73.27 -5.24 4.55	84.94 -5.44 3.17	78.60 -5.28 3.84	60.14 -4.09 -8.86	59.87 -3.76 -12.27	98.89 -4.98 -38.49	64.95 -4.29 -12.41	50.92 -5.23 6.41	81.97 -7.90 8.22	74.49 -5.71 -10.50
SOUTHOLD_69_KV_BK 2 55809	141.29 16.64 -8.82	146.95 16.15 -17.28	98.74 12.33 0.00	117.54 14.13 0.00	136.67 16.80 0.00	172.38 21.92 0.00	153.60 15.66 -41.16	155.29 15.43 -47.18	131.96 16.17 -18.40	114.01 14.14 -0.04	103.83 12.58 0.00	107.26 12.44 -1.40	120.32 13.51 0.00	123.38 13.97 0.00	116.46 10.97 -22.42	128.14 9.43 -25.15	238.96 10.46 -140.78	177.67 6.36 -115.93	161.49 5.55 -104.58	151.63 7.17 -79.08	151.12 6.08 -88.22	135.38 5.88 -66.94	165.40 9.23 -58.07	149.74 6.50 -73.53
SOUTHOLD___IC 23719	141.30 16.65 -8.82	146.97 16.16 -17.28	98.74 12.33 0.00	117.53 14.13 0.00	136.68 16.81 0.00	172.42 21.96 0.00	153.60 15.66 -41.16	155.29 15.43 -47.18	131.96 16.17 -18.40	114.02 14.16 -0.04	103.82 12.58 0.00	107.24 12.42 -1.40	120.31 13.50 0.00	123.38 13.96 0.00	116.47 10.98 -22.42	128.13 9.43 -25.15	238.94 10.44 -140.78	177.67 6.36 -115.93	161.49 5.56 -104.58	151.62 7.17 -79.08	151.11 6.07 -88.22	135.39 5.89 -66.94	165.39 9.23 -58.07	149.73 6.50 -73.53
SOUTH_FORK_WT_PWR 323839	140.91 16.26 -8.82	146.71 15.91 -17.28	98.67 12.26 0.00	117.58 14.17 0.00	136.78 16.91 0.00	172.68 22.23 0.00	153.71 15.77 -41.16	155.37 15.52 -47.18	132.06 16.27 -18.40	114.13 14.27 -0.04	103.97 12.72 0.00	107.42 12.60 -1.40	120.48 13.67 0.00	123.39 13.98 0.00	116.29 10.80 -22.42	127.57 8.86 -25.15	238.33 9.83 -140.78	177.08 5.77 -115.93	160.83 4.89 -104.58	150.73 6.28 -79.08	150.34 5.29 -88.22	134.52 5.01 -66.94	164.03 7.87 -58.07	148.79 5.55 -73.53
SPIERFLS_115KV_TB 1 80737	125.97 10.14 0.00	123.34 9.82 0.00	94.28 7.88 0.00	112.41 9.00 0.00	130.41 10.54 0.00	163.72 13.26 0.00	106.11 9.32 0.00	101.77 9.10 0.00	107.04 9.65 0.00	108.89 9.02 -0.04	99.21 7.97 0.00	103.34 8.15 -1.77	116.21 9.40 0.00	119.18 9.77 0.00	101.02 7.70 -10.26	141.67 9.17 -38.95	191.00 8.93 -94.36	283.92 5.62 -222.92	276.55 5.11 -220.08	189.90 6.41 -118.11	148.78 5.66 -86.29	212.84 6.21 -144.07	176.42 9.62 -68.71	170.57 6.89 -93.97
ST LAWRENCE____ 23600	113.17 -2.66 0.00	111.01 -2.51 0.00	84.58 -1.83 0.00	101.80 -1.61 0.00	118.10 -1.77 0.00	148.35 -2.10 0.00	94.73 -2.06 0.00	90.75 -1.92 0.00	95.53 -1.85 0.00	98.04 -1.78 0.00	89.77 -1.47 0.00	91.72 -1.71 0.00	104.91 -1.90 0.00	107.46 -1.95 0.00	81.44 -1.63 0.00	91.70 -1.85 0.00	85.99 -1.73 0.00	54.26 -1.12 0.00	50.33 -1.03 0.00	63.99 -1.39 0.00	55.44 -1.39 0.00	61.21 -1.35 0.00	96.17 -1.92 0.00	68.47 -1.23 0.00
STATE_CA_115KV_115_LB 55624	120.90 5.08 0.00	118.53 5.01 0.00	90.31 3.91 0.00	107.75 4.34 0.00	124.57 4.70 0.00	156.06 5.60 0.00	100.73 3.95 0.00	96.54 3.87 0.00	101.61 4.22 0.00	104.20 4.33 -0.04	95.84 4.59 0.00	100.02 4.87 -1.73	112.09 5.28 0.00	114.79 5.38 0.00	97.14 4.07 -10.00	133.35 4.44 -35.36	158.53 4.12 -66.68	239.26 2.62 -181.26	236.15 2.40 -182.39	173.14 3.06 -104.71	131.35 2.71 -71.81	169.89 2.95 -104.38	161.40 4.54 -58.76	163.99 3.00 -91.28

STATE_ST_34_KV_LOAD 55959	116.07 0.24 0.00	113.26 -0.27 0.00	86.04 -0.36 0.00	102.71 -0.70 0.00	119.13 -0.74 0.00	149.63 -0.82 0.00	96.44 -0.34 0.00	92.28 -0.39 0.00	96.79 -0.60 0.00	99.22 -0.62 -0.01	91.67 -0.86 -1.28	93.00 -0.60 -0.18	106.60 -0.54 -0.33	111.24 -0.58 -2.40	83.75 -0.35 -1.03	96.46 -0.41 -3.31	90.28 -0.14 -2.70	69.37 0.06 -13.94	66.38 -0.01 -15.03	74.08 -0.32 -9.03	63.80 -0.25 -7.23	69.05 -0.38 -6.86	104.74 -1.08 -7.73	79.20 -0.48 -9.97
STATION 5_MISC_HYD 23604	111.67 -4.00 0.15	109.28 -4.24 0.00	82.89 -3.51 0.00	98.74 -4.67 0.00	114.90 -4.97 0.00	144.44 -6.01 0.00	92.57 -4.22 0.00	87.97 -4.70 0.00	91.66 -5.73 0.00	94.08 -5.75 0.00	84.21 -5.07 1.97	89.30 -4.32 -0.20	101.00 -5.34 0.48	100.31 -5.40 3.70	80.00 -4.12 -1.05	91.47 -4.75 -2.68	83.16 -4.35 0.21	58.92 -2.65 -6.19	55.59 -2.67 -6.91	69.61 -3.37 -7.60	54.98 -2.69 -0.83	56.57 -3.29 2.70	91.88 -4.99 1.23	74.24 -3.35 -7.88
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	113.86 -1.96 0.00	111.37 -2.15 0.00	84.53 -1.87 0.00	100.79 -2.62 0.00	117.10 -2.77 0.00	147.25 -3.20 0.00	94.66 -2.12 0.00	90.18 -2.49 0.00	94.11 -3.28 0.00	96.43 -3.40 0.00	86.15 -3.09 2.00	91.05 -2.54 -0.17	103.20 -3.10 0.51	102.39 -3.28 3.75	81.63 -2.43 -0.99	93.37 -2.78 -2.61	85.01 -2.44 0.27	60.15 -1.42 -6.19	56.73 -1.44 -6.82	70.96 -1.91 -7.50	56.10 -1.53 -0.80	57.85 -2.04 2.67	93.65 -3.25 1.19	75.42 -2.19 -7.90
STA_56_34_KV_BUS2_REV_LBMP_B 345033	111.53 -4.30 0.00	109.01 -4.51 0.00	82.69 -3.72 0.00	98.51 -4.90 0.00	114.64 -5.23 0.00	144.12 -6.34 0.00	92.38 -4.40 0.00	87.85 -4.82 0.00	91.59 -5.80 0.00	94.00 -5.83 0.00	84.10 -5.22 1.92	89.14 -4.49 -0.20	100.88 -5.46 0.47	100.20 -5.58 3.63	79.82 -4.29 -1.04	91.31 -4.89 -2.65	83.02 -4.50 0.20	58.79 -2.77 -6.17	55.49 -2.75 -6.88	69.44 -3.47 -7.53	54.88 -2.81 -0.86	56.50 -3.43 2.63	91.70 -5.24 1.15	74.01 -3.53 -7.83
STA_56___34_KV_BUS2 355983	111.53 -4.30 0.00	109.01 -4.51 0.00	82.69 -3.72 0.00	98.51 -4.90 0.00	114.64 -5.23 0.00	144.12 -6.34 0.00	92.38 -4.40 0.00	87.85 -4.82 0.00	91.59 -5.80 0.00	94.00 -5.83 0.00	84.10 -5.22 1.92	89.14 -4.49 -0.20	100.88 -5.46 0.47	100.20 -5.58 3.63	79.82 -4.29 -1.04	91.31 -4.89 -2.65	83.02 -4.50 0.20	58.79 -2.77 -6.17	55.49 -2.75 -6.88	69.44 -3.47 -7.53	54.88 -2.81 -0.86	56.50 -3.43 2.63	91.70 -5.24 1.15	74.01 -3.53 -7.83
STA_67___115KV_BK2 355882	111.61 -4.21 0.00	109.09 -4.44 0.00	82.73 -3.68 0.00	98.54 -4.86 0.00	114.68 -5.19 0.00	144.26 -6.20 0.00	92.39 -4.40 0.00	87.79 -4.89 0.00	91.47 -5.92 0.00	93.86 -5.97 0.00	83.96 -5.32 1.96	89.09 -4.53 -0.20	100.76 -5.58 0.48	100.03 -5.68 3.70	79.74 -4.37 -1.05	91.25 -4.98 -2.67	82.89 -4.62 0.21	58.75 -2.82 -6.19	55.44 -2.81 -6.90	69.42 -3.54 -7.59	54.80 -2.86 -0.84	56.39 -3.49 2.69	91.63 -5.24 1.22	74.06 -3.52 -7.88
STA_7___115KV_9TRANS 80674	112.43 -3.39 0.00	109.87 -3.65 0.00	83.31 -3.10 0.00	99.25 -4.16 0.00	115.50 -4.37 0.00	145.20 -5.26 0.00	93.10 -3.68 0.00	88.52 -4.15 0.00	92.27 -5.11 0.00	94.70 -5.13 0.00	84.78 -4.50 1.97	89.95 -3.68 -0.20	101.76 -4.57 0.48	101.06 -4.64 3.71	80.55 -3.57 -1.05	92.12 -4.11 -2.68	83.73 -3.79 0.21	59.30 -2.27 -6.19	55.96 -2.30 -6.91	70.07 -2.91 -7.60	55.36 -2.31 -0.83	56.97 -2.89 2.70	92.47 -4.39 1.23	74.65 -2.94 -7.88
STA_82___115KV_TB1 80780	111.66 -4.16 0.00	109.13 -4.39 0.00	82.77 -3.63 0.00	98.56 -4.84 0.00	114.75 -5.12 0.00	144.27 -6.19 0.00	92.44 -4.34 0.00	87.82 -4.85 0.00	91.53 -5.86 0.00	93.93 -5.90 0.00	83.99 -5.28 1.98	89.14 -4.49 -0.21	100.81 -5.52 0.48	100.04 -5.64 3.73	79.79 -4.34 -1.07	91.30 -4.96 -2.70	82.94 -4.58 0.20	58.80 -2.80 -6.21	55.52 -2.78 -6.94	69.52 -3.51 -7.65	54.84 -2.82 -0.84	56.39 -3.44 2.73	91.64 -5.20 1.26	74.14 -3.48 -7.92
STEEL___WIND 323596	108.98 -6.51 0.34	106.67 -6.85 0.00	80.64 -5.77 0.00	95.80 -7.60 0.00	111.65 -8.22 0.00	140.52 -9.93 0.00	89.51 -7.27 0.00	84.33 -8.34 0.00	87.24 -10.15 0.00	89.73 -10.09 0.00	73.82 -8.89 8.53	79.83 -7.98 5.62	90.98 -9.88 5.95	86.06 -9.67 13.68	66.56 -7.42 9.09	76.09 -8.61 8.85	71.22 -7.97 8.52	56.35 -5.19 -6.16	37.76 -5.10 8.50	48.32 -6.46 10.59	44.26 -5.15 7.42	47.50 -6.01 9.05	78.21 -9.09 10.79	72.99 -6.25 -9.53
STEPHTWN_115KV_BK_2 55603	121.87 6.04 0.00	119.52 6.00 0.00	91.05 4.65 0.00	108.61 5.20 0.00	125.65 5.78 0.00	157.42 6.96 0.00	101.72 4.93 0.00	97.63 4.95 0.00	102.62 5.23 0.00	105.10 5.23 -0.04	96.68 5.43 0.00	100.73 5.60 -1.71	112.82 6.00 0.00	115.58 6.16 0.00	97.74 4.78 -9.89	132.61 5.19 -33.87	148.09 5.08 -55.29	222.62 3.18 -164.07	221.09 2.91 -166.83	168.23 3.71 -99.15	125.90 3.25 -65.82	154.15 3.55 -88.03	158.14 5.40 -54.65	163.47 3.63 -90.13
STEUBEN_REC_LFGE 323667	113.36 -2.47 0.00	110.92 -2.60 0.00	83.82 -2.58 0.00	99.21 -4.20 0.00	115.14 -4.73 0.00	145.09 -5.37 0.00	92.91 -3.88 0.00	87.51 -5.16 0.00	91.69 -5.70 0.00	93.46 -6.35 0.01	83.12 -6.79 1.34	99.46 -6.72 -12.75	106.77 -7.76 -7.72	95.75 -6.19 7.46	103.35 -3.69 -23.97	120.98 -4.14 -31.56	108.94 -3.53 -24.75	70.63 -2.44 -17.69	97.35 -2.31 -48.30	123.99 -2.93 -61.55	64.14 -3.16 -10.46	59.47 -5.41 -2.32	86.78 -8.93 2.39	75.15 -6.18 -11.62
STILLWATER___SOLAR 323814	124.08 8.26 0.00	121.58 8.06 0.00	92.73 6.33 0.00	110.54 7.14 0.00	128.12 8.25 0.00	160.74 10.29 0.00	103.95 7.17 0.00	99.60 6.93 0.00	104.69 7.31 0.00	106.74 6.88 -0.04	97.40 6.15 0.00	101.58 6.40 -1.76	114.16 7.35 0.00	117.19 7.78 0.00	99.44 6.17 -10.20	139.13 7.19 -38.39	185.26 6.97 -90.57	276.74 4.34 -217.01	270.02 3.97 -214.69	186.46 4.99 -116.10	145.44 4.40 -84.22	206.04 4.86 -138.61	172.88 7.53 -67.26	168.49 5.39 -93.39
STONY___BROOK 24151	138.72 14.07 -8.82	144.25 13.45 -17.28	96.35 9.94 0.00	114.34 10.93 0.00	132.57 12.70 0.00	166.76 16.31 0.00	149.93 11.98 -41.16	151.72 11.86 -47.18	128.40 12.61 -18.40	111.31 11.45 -0.04	101.21 9.97 0.00	104.71 9.89 -1.40	117.79 10.98 0.00	121.05 11.64 0.00	114.88 9.40 -22.42	127.64 8.93 -25.15	238.10 9.60 -140.78	177.27 5.96 -115.93	161.41 5.47 -104.58	151.78 7.33 -79.08	151.36 6.32 -88.22	135.73 6.22 -66.94	165.86 9.69 -58.07	150.01 6.77 -73.53
STURGEON_POOL_HYD 23609	124.66 8.83 0.00	122.03 8.51 0.00	92.76 6.36 0.00	110.33 6.92 0.00	127.80 7.93 0.00	160.26 9.80 0.00	103.86 7.08 0.00	99.56 6.89 0.00	104.92 7.53 0.00	107.62 7.76 -0.04	97.66 6.42 0.00	101.49 6.64 -1.43	114.27 7.46 0.00	116.90 7.49 0.00	97.10 5.73 -8.31	126.04 6.34 -26.15	117.97 6.08 -24.17	165.36 3.94 -106.05	166.78 3.62 -111.80	144.04 4.58 -74.07	105.35 4.08 -44.44	109.09 4.33 -42.20	143.54 6.79 -38.66	149.98 4.88 -75.40
ST_LAW_115_BK7_LBMP 345037	113.03 -2.79 0.00	110.86 -2.66 0.00	84.48 -1.93 0.00	101.70 -1.71 0.00	117.99 -1.88 0.00	148.23 -2.23 0.00	94.56 -2.22 0.00	90.61 -2.07 0.00	95.41 -1.98 0.00	97.92 -1.90 0.00	89.68 -1.57 0.00	91.61 -1.82 0.00	104.78 -2.03 0.00	107.35 -2.06 0.00	81.31 -1.76 0.00	91.58 -1.98 0.00	85.89 -1.83 0.00	54.18 -1.20 0.00	50.27 -1.09 0.00	63.90 -1.47 0.00	55.36 -1.46 0.00	61.17 -1.40 0.00	96.10 -2.00 0.00	68.44 -1.27 0.00

ST_LAW_115_BK8_LBMP 345038	113.03 -2.79 0.00	110.86 -2.66 0.00	84.48 -1.93 0.00	101.70 -1.71 0.00	117.99 -1.88 0.00	148.23 -2.23 0.00	94.56 -2.22 0.00	90.61 -2.07 0.00	95.41 -1.98 0.00	97.92 -1.90 0.00	89.68 -1.57 0.00	91.61 -1.82 0.00	104.78 -2.03 0.00	107.35 -2.06 0.00	81.31 -1.76 0.00	91.58 -1.98 0.00	85.89 -1.83 0.00	54.18 -1.20 0.00	50.27 -1.09 0.00	63.90 -1.47 0.00	55.36 -1.46 0.00	61.17 -1.40 0.00	96.10 -2.00 0.00	68.44 -1.27 0.00
ST_LAW_230_BK5_LBMP 345035	113.17 -2.66 0.00	111.01 -2.51 0.00	84.58 -1.83 0.00	101.80 -1.61 0.00	118.10 -1.77 0.00	148.35 -2.10 0.00	94.73 -2.06 0.00	90.75 -1.92 0.00	95.53 -1.85 0.00	98.04 -1.78 0.00	89.77 -1.47 0.00	91.72 -1.71 0.00	104.91 -1.90 0.00	107.46 -1.95 0.00	81.44 -1.63 0.00	91.70 -1.85 0.00	85.99 -1.73 0.00	54.26 -1.12 0.00	50.33 -1.03 0.00	63.99 -1.39 0.00	55.44 -1.39 0.00	61.21 -1.35 0.00	96.17 -1.92 0.00	68.47 -1.23 0.00
ST_LAW_230_BK6_LBMP 345036	113.17 -2.66 0.00	111.01 -2.51 0.00	84.58 -1.83 0.00	101.80 -1.61 0.00	118.10 -1.77 0.00	148.35 -2.10 0.00	94.73 -2.06 0.00	90.75 -1.92 0.00	95.53 -1.85 0.00	98.04 -1.78 0.00	89.77 -1.47 0.00	91.72 -1.71 0.00	104.91 -1.90 0.00	107.46 -1.95 0.00	81.44 -1.63 0.00	91.70 -1.85 0.00	85.99 -1.73 0.00	54.26 -1.12 0.00	50.33 -1.03 0.00	63.99 -1.39 0.00	55.44 -1.39 0.00	61.21 -1.35 0.00	96.17 -1.92 0.00	68.47 -1.23 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	123.47 7.64 0.00	120.92 7.40 0.00	91.92 5.51 0.00	109.40 5.99 0.00	126.62 6.75 0.00	158.79 8.33 0.00	102.98 6.20 0.00	98.63 5.96 0.00	103.88 6.49 0.00	106.55 6.69 -0.03	96.75 5.51 0.00	100.40 5.67 -1.31	113.28 6.47 0.00	115.87 6.46 0.00	95.66 5.02 -7.58	122.54 5.49 -23.50	111.60 5.20 -18.69	150.73 3.41 -91.94	152.21 3.14 -97.71	135.52 3.96 -66.18	99.27 3.55 -38.90	100.00 3.73 -33.71	138.11 5.84 -34.17	142.63 4.20 -68.73
SWANROAD_115KV_TB1 355699	105.79 -10.04 0.00	103.43 -10.09 0.00	78.24 -8.17 0.00	93.14 -10.27 0.00	108.84 -11.03 0.00	137.06 -13.40 0.00	86.77 -10.02 0.00	81.34 -11.33 0.00	83.90 -13.49 0.00	86.26 -13.56 0.00	72.88 -11.77 6.60	78.94 -10.42 4.05	89.37 -13.02 4.43	86.05 -12.64 10.72	66.97 -9.75 6.35	76.39 -11.48 5.68	71.05 -10.94 5.73	55.19 -7.11 -6.92	41.25 -6.84 3.27	52.64 -8.39 4.35	46.02 -6.59 4.22	48.52 -7.37 6.68	79.05 -10.96 8.08	70.92 -7.81 -9.03
SYNERGY___BIOGAS 323694	111.40 -4.19 0.23	109.00 -4.52 0.00	82.54 -3.87 0.00	98.21 -5.20 0.00	114.57 -5.30 0.00	144.32 -6.14 0.00	92.01 -4.78 0.00	86.99 -5.69 0.00	90.26 -7.13 0.00	92.64 -7.19 0.00	80.29 -6.21 4.74	85.65 -5.31 2.46	97.01 -6.89 2.90	94.60 -6.92 7.89	73.94 -5.56 3.57	84.92 -6.17 2.46	79.08 -5.73 2.91	59.66 -3.38 -7.67	49.52 -3.36 -1.53	61.66 -4.14 -0.43	51.91 -3.17 1.75	54.58 -3.73 4.25	87.16 -5.60 5.34	74.28 -3.96 -8.53
SYRACUSE___ENERGY_ST1 323597	114.97 -0.86 0.00	112.52 -1.00 0.00	85.53 -0.88 0.00	102.15 -1.26 0.00	118.47 -1.40 0.00	148.79 -1.66 0.00	95.85 -0.93 0.00	91.71 -0.96 0.00	96.18 -1.21 0.00	98.54 -1.29 0.00	89.90 -1.34 0.00	92.47 -1.10 -0.14	105.56 -1.25 0.00	108.10 -1.32 0.00	82.96 -0.93 -0.82	94.84 -1.03 -2.32	87.07 -0.84 -0.20	62.26 -0.45 -7.33	59.03 -0.49 -8.17	70.95 -0.68 -6.25	59.38 -0.57 -3.12	62.78 -0.78 -0.99	99.66 -1.41 -2.98	76.19 -0.95 -7.43
SYRACUSE___ENERGY_ST2 323598	114.97 -0.86 0.00	112.52 -1.00 0.00	85.53 -0.88 0.00	102.15 -1.26 0.00	118.47 -1.40 0.00	148.79 -1.66 0.00	95.85 -0.93 0.00	91.71 -0.96 0.00	96.18 -1.21 0.00	98.54 -1.29 0.00	89.90 -1.34 0.00	92.47 -1.10 -0.14	105.56 -1.25 0.00	108.10 -1.32 0.00	82.96 -0.93 -0.82	94.84 -1.03 -2.32	87.07 -0.84 -0.20	62.26 -0.45 -7.33	59.03 -0.49 -8.17	70.95 -0.68 -6.25	59.38 -0.57 -3.12	62.78 -0.78 -0.99	99.66 -1.41 -2.98	76.19 -0.95 -7.43
SYRACUSE___POWER 24017	115.03 -0.79 0.00	112.67 -0.85 0.00	85.63 -0.77 0.00	102.27 -1.14 0.00	118.62 -1.25 0.00	148.99 -1.47 0.00	95.98 -0.80 0.00	91.81 -0.86 0.00	96.30 -1.09 0.00	98.62 -1.21 0.00	90.83 -1.28 -0.87	92.53 -1.04 -0.15	105.84 -1.19 -0.22	109.84 -1.21 -1.63	83.09 -0.84 -0.86	95.12 -0.92 -2.50	87.39 -0.76 -0.43	63.73 -0.42 -8.78	60.72 -0.46 -9.82	71.29 -0.60 -6.52	60.87 -0.50 -4.54	64.53 -0.76 -2.72	101.93 -1.34 -5.18	76.95 -0.95 -8.19
TALLMAN___138KV_BK151 55660	123.96 8.14 0.00	121.37 7.85 0.00	92.22 5.82 0.00	109.72 6.31 0.00	126.95 7.08 0.00	159.20 8.74 0.00	103.37 6.58 0.00	99.00 6.33 0.00	104.29 6.90 0.00	107.01 7.15 -0.03	97.08 5.84 0.00	100.72 5.95 -1.34	113.57 6.76 0.00	116.17 6.76 0.00	96.09 5.24 -7.78	123.39 5.70 -24.13	112.32 5.41 -19.19	153.34 3.57 -94.39	154.96 3.29 -100.32	137.46 4.14 -67.94	100.48 3.71 -39.94	101.08 3.91 -34.60	139.31 6.13 -35.08	144.72 4.46 -70.56
TEALLAVE_115KV_TB7 355573	114.24 -1.59 0.00	111.91 -1.61 0.00	85.05 -1.35 0.00	101.55 -1.86 0.00	117.80 -2.07 0.00	147.98 -2.48 0.00	95.31 -1.47 0.00	91.16 -1.52 0.00	95.56 -1.83 0.00	97.88 -1.96 0.00	89.33 -1.92 0.00	91.85 -1.69 -0.12	104.86 -1.95 0.00	107.43 -1.98 0.00	82.34 -1.45 -0.72	93.97 -1.60 -2.02	86.49 -1.40 -0.17	60.91 -0.84 -6.38	57.60 -0.86 -7.10	69.73 -1.09 -5.44	58.62 -0.92 -2.72	62.22 -1.20 -0.86	98.68 -2.01 -2.59	74.74 -1.43 -6.46
TELGRAPH_34_KV_EAST 80808	108.56 -7.26 0.00	106.08 -7.44 0.00	80.26 -6.14 0.00	95.52 -7.89 0.00	111.48 -8.39 0.00	140.38 -10.07 0.00	89.22 -7.56 0.00	84.05 -8.62 0.00	87.01 -10.38 0.00	89.44 -10.38 0.00	76.76 -9.05 5.44	82.51 -7.81 3.10	93.49 -9.83 3.50	90.77 -9.69 8.95	70.90 -7.49 4.67	81.10 -8.70 3.75	75.46 -8.23 4.03	57.48 -5.25 -7.36	45.85 -5.12 0.38	57.53 -6.33 1.51	49.15 -4.97 2.70	51.54 -5.64 5.39	83.07 -8.40 6.62	72.52 -5.91 -8.73
TEMPLE___115KV_TB 2 55572	114.31 -1.52 0.00	111.95 -1.57 0.00	85.10 -1.31 0.00	101.60 -1.81 0.00	117.84 -2.03 0.00	148.02 -2.44 0.00	95.33 -1.45 0.00	91.19 -1.49 0.00	95.63 -1.76 0.00	97.96 -1.87 0.00	89.38 -1.86 0.00	91.90 -1.65 -0.12	104.92 -1.89 0.00	107.48 -1.94 0.00	82.40 -1.39 -0.73	94.03 -1.56 -2.05	86.52 -1.37 -0.18	61.03 -0.82 -6.47	57.73 -0.83 -7.20	69.83 -1.06 -5.51	58.71 -0.87 -2.75	62.26 -1.18 -0.88	98.74 -1.97 -2.62	74.87 -1.39 -6.55
TIANA____69_KV_BK 1 55817	139.74 15.09 -8.82	145.21 14.40 -17.28	97.17 10.77 0.00	115.43 12.02 0.00	133.96 14.09 0.00	168.78 18.32 0.00	151.33 13.38 -41.16	153.10 13.24 -47.18	129.70 13.91 -18.40	111.75 11.89 -0.04	101.86 10.61 0.00	105.27 10.45 -1.40	118.21 11.40 0.00	121.43 12.02 0.00	115.25 9.76 -22.42	127.29 8.59 -25.15	238.13 9.63 -140.78	177.39 6.07 -115.93	161.41 5.48 -104.58	151.66 7.21 -79.08	151.20 6.15 -88.22	135.52 6.01 -66.94	165.68 9.51 -58.07	150.01 6.77 -73.53
TILDEN___115KV_TB1 80814	115.03 -0.79 0.00	112.67 -0.85 0.00	85.63 -0.77 0.00	102.27 -1.14 0.00	118.62 -1.25 0.00	148.99 -1.47 0.00	95.98 -0.80 0.00	91.81 -0.86 0.00	96.30 -1.09 0.00	98.62 -1.21 0.00	90.83 -1.28 -0.87	92.53 -1.04 -0.15	105.84 -1.19 -0.22	109.84 -1.21 -1.63	83.09 -0.84 -0.86	95.12 -0.92 -2.50	87.39 -0.76 -0.43	63.73 -0.42 -8.78	60.72 -0.46 -9.82	71.29 -0.60 -6.52	60.87 -0.50 -4.54	64.53 -0.76 -2.72	101.93 -1.34 -5.18	76.95 -0.95 -8.19

TRIGEN___CC 323695	135.24 10.59 -8.82	141.27 10.47 -17.28	94.10 7.70 0.00	111.67 8.27 0.00	129.32 9.45 0.00	162.27 11.82 0.00	146.68 8.74 -41.16	148.34 8.48 -47.18	124.99 9.20 -18.40	109.14 9.28 -0.04	99.04 7.80 0.00	102.84 8.02 -1.40	115.89 9.08 0.00	118.83 9.41 0.00	112.80 7.31 -22.42	126.38 7.68 -25.15	236.11 7.61 -140.78	176.19 4.88 -115.93	160.38 4.44 -104.58	150.15 5.69 -79.08	150.14 5.10 -88.22	134.92 5.42 -66.94	164.61 8.45 -58.07	149.19 5.95 -73.53
TRINITY___115KV___4 BK 55933	120.43 4.60 0.00	118.09 4.57 0.00	89.97 3.56 0.00	107.36 3.95 0.00	124.12 4.25 0.00	155.40 4.95 0.00	100.32 3.54 0.00	96.11 3.44 0.00	101.18 3.79 0.00	103.79 3.92 -0.04	95.49 4.25 0.00	99.65 4.52 -1.71	111.68 4.87 0.00	114.34 4.93 0.00	96.69 3.71 -9.91	131.68 4.02 -34.11	148.42 3.70 -57.00	224.42 2.35 -166.70	222.72 2.15 -169.22	168.14 2.75 -100.02	126.01 2.44 -66.74	155.75 2.68 -90.50	157.57 4.19 -55.29	162.80 2.75 -90.35
UNION___PROCESSING_DRP 323587	111.71 -4.12 0.00	109.19 -4.33 0.00	82.80 -3.60 0.00	98.61 -4.80 0.00	114.78 -5.09 0.00	144.34 -6.12 0.00	92.46 -4.32 0.00	87.87 -4.80 0.00	91.57 -5.82 0.00	93.94 -5.89 0.00	84.01 -5.26 1.97	89.17 -4.47 -0.21	100.85 -5.49 0.47	100.07 -5.62 3.72	79.81 -4.33 -1.07	91.32 -4.95 -2.71	82.96 -4.56 0.19	58.83 -2.77 -6.22	55.56 -2.76 -6.96	69.55 -3.50 -7.67	54.86 -2.81 -0.85	56.41 -3.43 2.73	91.65 -5.20 1.25	74.16 -3.47 -7.92
UPPER HUDSON___HYD 24058	125.97 10.15 0.00	123.34 9.82 0.00	94.28 7.88 0.00	112.41 9.00 0.00	130.40 10.53 0.00	163.72 13.26 0.00	106.11 9.33 0.00	101.77 9.10 0.00	107.04 9.65 0.00	108.89 9.02 -0.04	99.21 7.96 0.00	103.34 8.15 -1.77	116.20 9.39 0.00	119.19 9.78 0.00	101.02 7.70 -10.26	141.66 9.17 -38.95	191.00 8.93 -94.36	283.91 5.61 -222.92	276.55 5.11 -220.08	189.89 6.41 -118.11	148.78 5.66 -86.29	212.84 6.21 -144.07	176.42 9.62 -68.71	170.56 6.89 -93.97
UPPER RAQUET___HYD 24056	114.77 -1.05 0.00	112.51 -1.01 0.00	85.65 -0.75 0.00	103.13 -0.28 0.00	119.62 -0.25 0.00	149.73 -0.73 0.00	94.79 -2.00 0.00	90.81 -1.86 0.00	95.71 -1.68 0.00	97.94 -1.89 0.00	89.99 -1.26 0.00	92.02 -1.40 0.00	105.09 -1.72 0.00	107.84 -1.57 0.00	81.80 -1.27 0.00	92.13 -1.42 0.00	85.93 -1.79 0.00	54.01 -1.37 0.00	50.01 -1.35 0.00	63.81 -1.57 0.00	55.16 -1.67 0.00	61.02 -1.54 0.00	96.31 -1.79 0.00	68.78 -0.93 0.00
VALLEY44_115KV_TB2 355964	111.46 -4.37 0.00	109.03 -4.48 0.00	82.77 -3.64 0.00	98.56 -4.84 0.00	114.19 -5.68 0.00	143.29 -7.17 0.00	91.50 -5.28 0.00	86.51 -6.16 0.00	90.41 -6.98 0.00	92.67 -7.15 0.00	78.34 -6.49 6.41	85.73 -5.57 2.12	96.99 -6.65 3.17	92.14 -6.20 11.08	75.89 -4.44 2.73	87.46 -5.24 0.85	80.71 -5.09 1.92	61.75 -3.88 -10.25	54.60 -3.95 -7.19	73.32 -5.06 -13.00	54.21 -4.03 -1.41	53.04 -4.35 5.18	84.99 -6.11 6.99	76.16 -4.65 -11.10
VALLEY___115KV_TB 1-4 80826	120.09 4.27 0.00	117.35 3.83 0.00	89.29 2.89 0.00	106.74 3.33 0.00	123.48 3.61 0.00	154.98 4.52 0.00	100.41 3.63 0.00	96.35 3.68 0.00	101.01 3.63 0.00	102.79 2.96 0.00	93.62 2.38 0.00	96.19 2.77 0.00	110.18 3.37 0.00	113.22 3.81 0.00	86.08 3.01 0.00	97.14 3.59 0.00	90.99 3.27 0.00	57.73 2.35 0.00	53.42 2.07 0.00	67.88 2.50 0.00	58.98 2.16 0.00	64.98 2.41 0.00	101.69 3.59 0.00	72.08 2.37 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	126.14 10.31 0.00	123.60 10.08 0.00	94.03 7.62 0.00	112.27 8.86 0.00	130.06 10.19 0.00	163.27 12.82 0.00	105.41 8.63 0.00	101.15 8.47 0.00	106.12 8.73 0.00	108.41 8.57 -0.02	98.51 7.27 0.00	101.34 7.32 -0.60	114.97 8.16 0.00	117.72 8.31 0.00	93.02 6.44 -3.51	112.68 7.25 -11.88	112.57 7.11 -17.74	115.49 4.54 -55.57	112.37 4.07 -56.94	105.19 5.17 -34.63	84.02 4.46 -22.73	95.75 4.55 -28.64	123.93 6.87 -18.97	106.42 4.77 -31.94
VISCHER___FERRY HYD 24020	122.27 6.44 0.00	119.91 6.39 0.00	91.42 5.01 0.00	108.90 5.50 0.00	126.11 6.24 0.00	157.94 7.48 0.00	102.06 5.28 0.00	97.75 5.08 0.00	102.91 5.52 0.00	105.35 5.48 -0.04	96.49 5.24 0.00	100.72 5.57 -1.73	113.03 6.21 0.00	115.81 6.40 0.00	98.14 5.03 -10.04	135.91 5.63 -36.72	171.67 5.17 -78.78	257.43 3.22 -198.83	252.46 2.95 -198.15	179.12 3.74 -110.01	138.01 3.32 -77.86	187.95 3.73 -121.66	166.79 5.85 -62.84	165.72 4.22 -91.79
V_A_10_SYNC_DSASP 323832	108.05 -7.52 0.26	105.74 -7.78 0.00	80.14 -6.26 0.00	95.30 -8.10 0.00	111.10 -8.77 0.00	139.71 -10.75 0.00	89.06 -7.72 0.00	84.14 -8.53 0.00	87.28 -10.10 0.00	89.61 -10.22 0.00	77.22 -9.02 5.00	82.54 -8.17 2.71	93.73 -9.92 3.16	91.33 -9.86 8.22	71.47 -7.51 4.08	81.77 -8.70 3.09	76.09 -8.19 3.44	57.53 -5.20 -7.35	46.78 -5.08 -0.51	58.44 -6.35 0.59	49.52 -5.12 2.18	52.60 -5.95 4.02	84.17 -8.89 5.04	72.15 -5.95 -8.39
V_CMM_10_SYNC_DSASP 323787	113.24 -2.58 0.00	111.08 -2.44 0.00	84.58 -1.83 0.00	101.83 -1.58 0.00	118.14 -1.73 0.00	148.38 -2.08 0.00	94.67 -2.12 0.00	90.72 -1.95 0.00	95.52 -1.86 0.00	98.04 -1.78 0.00	89.80 -1.44 0.00	91.77 -1.65 0.00	105.01 -1.81 0.00	107.74 -1.67 0.00	81.61 -1.46 0.00	91.90 -1.65 0.00	86.17 -1.55 0.00	54.37 -1.01 0.00	50.42 -0.94 0.00	64.13 -1.24 0.00	55.65 -1.18 0.00	61.48 -1.08 0.00	96.59 -1.50 0.00	68.82 -0.89 0.00
V_CMP_10_SYNC_DSASP 323788	116.02 0.20 0.00	113.56 0.04 0.00	86.80 0.39 0.00	104.38 0.97 0.00	120.74 0.87 0.00	151.34 0.89 0.00	96.94 0.16 0.00	92.45 -0.22 0.00	97.35 -0.04 0.00	99.90 0.07 0.00	91.25 0.01 0.00	93.42 0.00 0.00	106.98 0.17 0.00	109.24 -0.17 0.00	83.20 0.13 0.00	93.85 0.30 0.00	88.22 0.51 0.00	55.64 0.26 0.00	51.28 -0.08 0.00	64.95 -0.43 0.00	55.54 -1.29 0.00	61.25 -1.31 0.00	96.17 -1.93 0.00	68.90 -0.81 0.00
V_D_10_SYNC_DSASP 323841	114.21 -1.61 0.00	112.00 -1.52 0.00	85.26 -1.15 0.00	102.65 -0.76 0.00	119.06 -0.82 0.00	149.52 -0.94 0.00	95.26 -1.52 0.00	91.27 -1.40 0.00	96.32 -1.07 0.00	98.78 -1.05 0.00	90.42 -0.83 0.00	92.42 -1.00 0.00	105.60 -1.22 0.00	108.26 -1.15 0.00	82.02 -1.05 0.00	92.33 -1.23 0.00	86.50 -1.22 0.00	54.51 -0.87 0.00	50.55 -0.81 0.00	64.40 -0.98 0.00	55.77 -1.06 0.00	61.60 -0.97 0.00	96.78 -1.31 0.00	68.97 -0.73 0.00
V_E_10_SYNC_DSASP 323830	127.74 11.84 -0.08	125.34 11.82 0.00	95.07 8.67 0.00	113.45 10.04 0.00	131.48 11.61 0.00	165.45 15.00 0.00	106.72 9.94 0.00	102.90 10.23 0.00	107.54 10.15 0.00	109.44 9.59 -0.02	105.75 8.23 -6.28	102.81 7.99 -1.40	117.48 8.45 -2.22	130.42 9.61 -11.40	94.25 6.95 -4.23	112.87 8.62 -10.70	109.13 8.92 -12.50	104.02 5.77 -42.88	103.57 4.42 -47.79	97.08 5.00 -26.70	85.17 4.39 -23.95	94.33 4.24 -27.53	130.02 5.14 -26.79	98.98 3.61 -25.67
V_F_30_NSYNC___DSASP 323816	124.13 8.30 0.00	121.64 8.12 0.00	92.76 6.35 0.00	110.58 7.17 0.00	128.22 8.35 0.00	160.83 10.37 0.00	103.98 7.20 0.00	99.68 7.00 0.00	104.76 7.37 0.00	106.85 6.98 -0.04	97.48 6.24 0.00	101.70 6.52 -1.76	114.33 7.52 0.00	117.31 7.90 0.00	99.53 6.24 -10.22	139.43 7.25 -38.63	186.91 7.01 -92.18	279.29 4.39 -219.53	272.34 4.00 -216.98	187.35 5.03 -116.95	146.37 4.44 -85.10	208.36 4.86 -140.93	173.52 7.55 -67.87	168.74 5.40 -93.63



V_F_30_SYNC_DSASP 323786	120.89 5.07 0.00	118.51 4.99 0.00	90.30 3.90 0.00	107.75 4.34 0.00	124.57 4.70 0.00	156.04 5.59 0.00	100.73 3.94 0.00	96.53 3.86 0.00	101.61 4.22 0.00	104.19 4.32 -0.04	95.83 4.59 0.00	100.00 4.86 -1.72	112.09 5.28 0.00	114.79 5.38 0.00	97.12 4.06 -9.99	133.24 4.43 -35.26	157.74 4.12 -65.90	238.07 2.62 -180.08	235.07 2.39 -181.32	172.75 3.05 -104.32	130.93 2.71 -71.39	168.75 2.94 -103.25	161.11 4.54 -58.48	163.91 3.00 -91.21
V_XM_10_SYNC_DSASP 323789	116.02 0.20 0.00	113.56 0.04 0.00	86.80 0.39 0.00	104.38 0.97 0.00	120.74 0.87 0.00	151.34 0.89 0.00	96.94 0.16 0.00	92.45 -0.22 0.00	97.35 -0.04 0.00	99.90 0.07 0.00	91.25 0.01 0.00	93.42 0.00 0.00	106.98 0.17 0.00	109.24 -0.17 0.00	83.20 0.13 0.00	93.85 0.30 0.00	88.22 0.51 0.00	55.64 0.26 0.00	51.28 -0.08 0.00	64.95 -0.43 0.00	55.54 -1.29 0.00	61.25 -1.31 0.00	96.17 -1.93 0.00	68.90 -0.81 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	124.33 8.50 0.00	121.74 8.22 0.00	92.53 6.13 0.00	110.03 6.62 0.00	127.38 7.51 0.00	159.71 9.25 0.00	103.69 6.91 0.00	99.34 6.67 0.00	104.63 7.24 0.00	107.35 7.49 -0.03	97.42 6.17 0.00	101.08 6.31 -1.35	114.00 7.19 0.00	116.60 7.19 0.00	96.46 5.57 -7.82	123.90 6.08 -24.27	112.79 5.77 -19.30	154.11 3.79 -94.94	155.75 3.50 -100.90	138.12 4.41 -68.33	100.93 3.94 -40.17	101.53 4.16 -34.81	139.89 6.51 -35.28	145.36 4.69 -70.96
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	125.74 9.91 0.00	123.02 9.50 0.00	93.44 7.04 0.00	111.02 7.62 0.00	128.50 8.63 0.00	161.20 10.74 0.00	104.69 7.90 0.00	100.40 7.73 0.00	105.92 8.53 0.00	108.96 9.09 -0.04	98.69 7.45 0.00	102.58 7.76 -1.40	115.75 8.94 0.00	118.40 8.99 0.00	97.98 6.80 -8.11	125.91 7.20 -25.16	114.72 6.98 -20.03	158.30 4.48 -98.43	160.03 4.07 -104.60	141.34 5.13 -70.84	103.09 4.62 -41.64	103.56 4.89 -36.11	142.32 7.64 -36.58	148.75 5.50 -73.55
W50THST__13_KV_LOAD 356117	126.26 10.43 0.00	123.48 9.96 0.00	93.78 7.37 0.00	111.39 7.98 0.00	128.96 9.09 0.00	161.80 11.34 0.00	105.09 8.30 0.00	100.80 8.13 0.00	106.39 9.00 0.00	109.46 9.60 -0.04	99.17 7.93 0.00	103.23 8.40 -1.40	116.49 9.68 0.00	119.15 9.74 0.00	98.55 7.37 -8.11	126.54 7.84 -25.16	115.34 7.59 -20.03	158.68 4.87 -98.43	160.33 4.37 -104.60	141.65 5.43 -70.84	103.37 4.90 -41.64	103.83 5.15 -36.11	142.75 8.07 -36.58	149.05 5.80 -73.55
WADING RIVER_IC_1 23522	138.60 13.95 -8.82	144.07 13.27 -17.28	96.27 9.87 0.00	114.31 10.90 0.00	132.60 12.73 0.00	167.00 16.55 0.00	150.17 12.23 -41.16	151.99 12.14 -47.18	128.56 12.77 -18.40	110.45 10.59 -0.04	100.89 9.65 0.00	104.27 9.45 -1.40	117.13 10.31 0.00	120.39 10.98 0.00	114.48 8.99 -22.42	126.33 7.63 -25.15	237.22 8.72 -140.78	176.83 5.52 -115.93	160.94 5.01 -104.58	151.07 6.62 -79.08	150.69 5.65 -88.22	135.05 5.54 -66.94	165.09 8.92 -58.07	149.68 6.44 -73.53
WADING RIVER_IC_2 23547	138.60 13.95 -8.82	144.07 13.27 -17.28	96.27 9.87 0.00	114.31 10.90 0.00	132.60 12.73 0.00	167.00 16.55 0.00	150.17 12.23 -41.16	151.99 12.14 -47.18	128.56 12.77 -18.40	110.45 10.59 -0.04	100.89 9.65 0.00	104.27 9.45 -1.40	117.13 10.31 0.00	120.39 10.98 0.00	114.48 8.99 -22.42	126.33 7.63 -25.15	237.22 8.72 -140.78	176.83 5.52 -115.93	160.94 5.01 -104.58	151.07 6.62 -79.08	150.69 5.65 -88.22	135.05 5.54 -66.94	165.09 8.92 -58.07	149.68 6.44 -73.53
WADING RIVER_IC_3 23601	138.60 13.95 -8.82	144.07 13.27 -17.28	96.27 9.87 0.00	114.31 10.90 0.00	132.60 12.73 0.00	167.00 16.55 0.00	150.17 12.23 -41.16	151.99 12.14 -47.18	128.56 12.77 -18.40	110.45 10.59 -0.04	100.89 9.65 0.00	104.27 9.45 -1.40	117.13 10.31 0.00	120.39 10.98 0.00	114.48 8.99 -22.42	126.33 7.63 -25.15	237.22 8.72 -140.78	176.83 5.52 -115.93	160.94 5.01 -104.58	151.07 6.62 -79.08	150.69 5.65 -88.22	135.05 5.54 -66.94	165.09 8.92 -58.07	149.68 6.44 -73.53
WALDENNY_12_KV_BK2 80841	109.40 -6.42 0.00	106.83 -6.69 0.00	80.75 -5.66 0.00	96.01 -7.39 0.00	111.95 -7.92 0.00	140.98 -9.48 0.00	89.67 -7.12 0.00	84.45 -8.22 0.00	87.39 -10.00 0.00	89.93 -9.90 0.00	74.16 -8.79 8.30	80.28 -7.71 5.43	91.46 -9.58 5.77	86.64 -9.44 13.32	67.05 -7.26 8.76	76.68 -8.41 8.46	71.68 -7.86 8.18	56.54 -5.10 -6.26	38.43 -5.02 7.90	49.07 -6.35 9.95	44.71 -5.04 7.08	47.89 -5.88 8.79	78.80 -8.80 10.49	73.08 -6.11 -9.48
WALDEN__HYDRO 24148	124.45 8.63 0.00	121.84 8.32 0.00	92.62 6.21 0.00	110.19 6.79 0.00	127.57 7.70 0.00	159.99 9.53 0.00	103.75 6.97 0.00	99.45 6.78 0.00	104.74 7.35 0.00	107.37 7.51 -0.03	97.49 6.24 0.00	101.21 6.44 -1.35	114.12 7.31 0.00	116.73 7.32 0.00	96.60 5.68 -7.86	124.22 6.27 -24.40	113.36 6.00 -19.65	155.02 3.91 -95.73	156.63 3.60 -101.67	138.67 4.55 -68.74	101.36 4.06 -40.47	102.18 4.28 -35.33	140.30 6.68 -35.52	145.77 4.79 -71.28
WARRENSBURG____ 23737	125.97 10.15 0.00	123.34 9.82 0.00	94.28 7.88 0.00	112.41 9.00 0.00	130.40 10.53 0.00	163.72 13.26 0.00	106.11 9.33 0.00	101.77 9.10 0.00	107.04 9.65 0.00	108.89 9.02 -0.04	99.21 7.96 0.00	103.34 8.15 -1.77	116.20 9.39 0.00	119.19 9.78 0.00	101.02 7.70 -10.26	141.66 9.17 -38.95	191.00 8.93 -94.36	283.91 5.61 -222.92	276.55 5.11 -220.08	189.89 6.41 -118.11	148.78 5.66 -86.29	212.84 6.21 -144.07	176.42 9.62 -68.71	170.56 6.89 -93.97
WATERSIDE____6 8 9 23538	121.70 10.04 4.17	118.54 9.71 4.69	88.87 7.16 4.70	106.53 7.75 4.63	124.02 8.80 4.66	154.18 11.01 7.29	100.51 8.07 4.34	95.67 7.92 4.92	21.95 8.70 84.14	70.35 9.18 38.65	92.10 7.38 6.52	96.61 7.65 4.46	89.56 8.80 26.04	60.29 8.86 57.98	91.96 6.64 -2.25	123.19 7.05 -22.58	108.58 6.82 -14.04	151.72 4.40 -91.94	146.03 4.06 -90.62	140.90 5.22 -70.30	100.69 4.70 -39.16	102.85 4.95 -35.34	136.55 7.73 -30.72	139.35 5.57 -64.07
WATKINRD_115KV_LN8_ILLION 55919	119.12 3.29 0.00	116.57 3.05 0.00	88.72 2.32 0.00	105.97 2.57 0.00	122.68 2.81 0.00	154.00 3.54 0.00	99.56 2.78 0.00	95.42 2.75 0.00	100.08 2.69 0.00	102.04 2.21 0.00	93.05 1.81 0.00	95.49 2.07 0.00	109.33 2.52 0.00	112.22 2.81 0.00	85.30 2.23 0.00	96.24 2.69 0.00	90.21 2.49 0.00	57.08 1.70 0.00	52.88 1.52 0.00	67.25 1.88 0.00	58.46 1.63 0.00	64.38 1.81 0.00	100.82 2.72 0.00	71.52 1.81 0.00
WATSON__69_KV_BK 1 55734	138.97 14.33 -8.82	144.66 13.86 -17.28	96.64 10.23 0.00	114.60 11.20 0.00	132.81 12.94 0.00	166.93 16.47 0.00	149.97 12.03 -41.16	151.64 11.78 -47.18	128.35 12.56 -18.40	111.69 11.82 -0.04	101.44 10.19 0.00	105.05 10.23 -1.40	118.28 11.47 0.00	121.51 12.09 0.00	115.07 9.58 -22.42	128.36 9.66 -25.15	238.55 10.06 -140.78	177.71 6.40 -115.93	161.80 5.87 -104.58	152.11 7.66 -79.08	151.72 6.68 -88.22	136.33 6.82 -66.94	166.77 10.60 -58.07	150.61 7.37 -73.53
WDELAWARE__HYD 323627	122.54 6.71 0.00	119.83 6.31 0.00	91.10 4.69 0.00	108.46 5.05 0.00	125.61 5.74 0.00	157.64 7.19 0.00	102.18 5.40 0.00	98.00 5.33 0.00	103.24 5.85 0.00	105.65 5.80 -0.03	95.82 4.58 0.00	99.30 4.60 -1.27	112.07 5.26 0.00	114.39 4.98 0.00	94.37 3.91 -7.40	121.31 4.69 -23.06	111.71 4.60 -19.40	149.84 3.08 -91.39	151.05 2.85 -96.84	134.02 3.57 -65.07	98.53 3.17 -38.53	100.36 3.26 -34.54	136.81 4.99 -33.73	140.33 3.53 -67.10

WEST BABYLON___IC 23714	137.65 13.00 -8.82	143.62 12.82 -17.28	95.84 9.43 0.00	113.63 10.23 0.00	131.65 11.78 0.00	165.26 14.81 0.00	148.78 10.84 -41.16	150.39 10.53 -47.18	127.12 11.33 -18.40	110.83 10.97 -0.04	100.58 9.33 0.00	104.30 9.48 -1.40	117.50 10.69 0.00	120.65 11.24 0.00	114.30 8.81 -22.42	127.87 9.16 -25.15	237.83 9.33 -140.78	177.28 5.97 -115.93	161.40 5.46 -104.58	151.54 7.09 -79.08	151.27 6.23 -88.22	136.05 6.55 -66.94	166.36 10.19 -58.07	150.32 7.08 -73.53
WEST CANADA___HYD 24049	117.10 1.28 0.00	114.73 1.21 0.00	87.34 0.93 0.00	104.33 0.92 0.00	120.95 1.08 0.00	151.76 1.30 0.00	97.81 1.02 0.00	93.53 0.86 0.00	98.28 0.89 0.00	100.63 0.80 0.00	91.98 0.73 0.00	94.25 0.83 0.00	107.77 0.96 0.00	110.40 0.99 0.00	83.89 0.83 0.00	94.46 0.91 0.00	88.51 0.79 0.00	55.87 0.49 0.00	51.81 0.45 0.00	65.96 0.59 0.00	57.34 0.51 0.00	63.13 0.57 0.00	98.98 0.88 0.00	70.28 0.57 0.00
WESTERN_NY_WIND 24143	111.48 -4.34 0.00	108.86 -4.66 0.00	82.39 -4.02 0.00	98.04 -5.37 0.00	114.41 -5.46 0.00	144.15 -6.31 0.00	91.86 -4.93 0.00	86.82 -5.85 0.00	90.09 -7.30 0.00	92.47 -7.35 0.00	79.84 -6.45 4.96	85.35 -5.41 2.66	96.75 -6.97 3.09	94.07 -7.12 8.22	73.43 -5.73 3.92	84.34 -6.35 2.87	78.52 -5.93 3.26	59.42 -3.52 -7.57	48.80 -3.48 -0.93	60.90 -4.30 0.18	51.48 -3.30 2.05	54.05 -3.90 4.61	86.55 -5.80 5.74	74.20 -4.10 -8.59
WESTOVER___LESR 323668	116.14 0.31 0.00	113.81 0.29 0.00	86.44 0.04 0.00	103.30 -0.11 0.00	119.64 -0.23 0.00	150.26 -0.19 0.00	96.79 0.00 0.00	92.46 -0.21 0.00	97.07 -0.32 0.00	99.43 -0.40 -0.01	88.65 -0.79 1.80	93.47 -0.40 -0.45	105.85 -0.50 0.46	105.49 -0.54 3.38	85.46 -0.20 -2.59	101.12 -0.43 -7.99	94.40 -0.32 -7.00	85.73 -0.27 -30.62	83.12 -0.32 -32.09	88.08 -0.39 -23.09	67.70 -0.32 -11.19	71.56 -0.57 -9.56	104.87 -0.97 -7.75	91.66 -0.64 -22.59
WETHRSFD_WT_PWR 323626	109.28 -6.47 0.07	106.89 -6.63 0.00	80.68 -5.73 0.00	95.85 -7.55 0.00	111.49 -8.38 0.00	140.37 -10.09 0.00	89.69 -7.09 0.00	84.46 -8.20 0.00	87.68 -9.71 0.00	90.01 -9.81 0.00	60.60 -9.45 21.19	65.15 -8.97 19.29	78.13 -10.64 18.04	66.94 -10.49 31.98	41.95 -7.74 33.38	46.74 -8.60 38.21	46.53 -7.64 33.55	45.10 -4.84 5.44	-7.32 -4.75 53.93	3.01 -6.18 56.18	24.28 -5.35 27.19	27.18 -6.54 28.85	55.74 -10.18 32.18	71.25 -7.07 -8.61
WHAVSTOR_138KV_BK127 55557	123.77 7.94 0.00	121.18 7.66 0.00	92.11 5.71 0.00	109.51 6.10 0.00	126.80 6.93 0.00	158.98 8.53 0.00	103.21 6.42 0.00	98.87 6.19 0.00	104.13 6.75 0.00	106.87 7.01 -0.03	96.96 5.72 0.00	100.62 5.85 -1.35	113.46 6.64 0.00	116.05 6.63 0.00	96.05 5.15 -7.83	123.43 5.58 -24.30	112.35 5.30 -19.33	153.92 3.49 -95.05	155.59 3.22 -101.01	137.85 4.06 -68.41	100.68 3.64 -40.21	101.24 3.82 -34.85	139.44 6.02 -35.33	145.11 4.36 -71.04
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	123.77 7.94 0.00	121.18 7.66 0.00	92.11 5.71 0.00	109.51 6.10 0.00	126.80 6.93 0.00	158.98 8.53 0.00	103.21 6.42 0.00	98.87 6.19 0.00	104.13 6.75 0.00	106.87 7.01 -0.03	96.96 5.72 0.00	100.62 5.85 -1.35	113.46 6.64 0.00	116.05 6.63 0.00	96.05 5.15 -7.83	123.43 5.58 -24.30	112.35 5.30 -19.33	153.92 3.49 -95.05	155.59 3.22 -101.01	137.85 4.06 -68.41	100.68 3.64 -40.21	101.24 3.82 -34.85	139.44 6.02 -35.33	145.11 4.36 -71.04
WHITEHAL_115KV_TB1 80871	128.24 12.41 0.00	125.15 11.63 0.00	95.76 9.36 0.00	113.86 10.46 0.00	131.95 12.08 0.00	165.67 15.21 0.00	108.34 11.55 0.00	103.76 11.08 0.00	109.62 12.24 0.00	111.06 11.18 -0.04	101.57 10.33 0.00	105.87 10.68 -1.77	118.89 12.08 0.00	121.32 11.90 0.00	102.90 9.59 -10.24	144.55 12.23 -38.77	192.65 11.78 -93.14	283.69 7.29 -221.03	276.30 6.59 -218.35	191.10 8.26 -117.46	149.90 7.44 -85.63	213.09 8.21 -142.32	179.21 12.87 -68.24	172.66 9.17 -93.78
WHITEPLN_13_KV_LOAD 356215	126.28 10.45 0.00	123.58 10.06 0.00	93.92 7.52 0.00	111.59 8.19 0.00	129.21 9.34 0.00	162.08 11.63 0.00	105.22 8.43 0.00	100.90 8.22 0.00	106.39 9.00 0.00	109.18 9.32 -0.04	99.06 7.81 0.00	102.89 8.07 -1.39	116.01 9.20 0.00	118.67 9.26 0.00	98.26 7.09 -8.09	126.34 7.68 -25.11	115.09 7.38 -19.99	158.40 4.78 -98.23	160.13 4.39 -104.39	141.63 5.56 -70.69	103.35 4.96 -41.56	103.86 5.26 -36.04	142.79 8.19 -36.50	148.94 5.83 -73.40
WM_FLOYD_69_KV_BK2 356380	139.12 14.47 -8.82	144.50 13.70 -17.28	96.57 10.16 0.00	114.63 11.22 0.00	132.96 13.09 0.00	167.37 16.92 0.00	150.39 12.45 -41.16	152.22 12.37 -47.18	128.80 13.01 -18.40	111.12 11.26 -0.04	101.17 9.92 0.00	104.58 9.76 -1.40	117.50 10.69 0.00	120.82 11.41 0.00	114.80 9.31 -22.42	127.16 8.46 -25.15	237.93 9.43 -140.78	177.30 5.99 -115.93	161.39 5.46 -104.58	151.67 7.22 -79.08	151.23 6.18 -88.22	135.53 6.02 -66.94	165.63 9.46 -58.07	149.94 6.70 -73.53
WOODARD___115KV_TB2 355635	114.10 -1.73 0.00	111.72 -1.80 0.00	84.92 -1.48 0.00	101.42 -1.99 0.00	117.64 -2.23 0.00	147.74 -2.72 0.00	95.14 -1.64 0.00	91.02 -1.65 0.00	95.45 -1.94 0.00	97.78 -2.05 0.00	89.26 -1.99 0.00	91.77 -1.78 -0.13	104.74 -2.07 0.00	107.31 -2.10 0.00	82.24 -1.56 -0.73	93.88 -1.73 -2.06	86.37 -1.52 -0.18	60.97 -0.92 -6.51	57.70 -0.91 -7.25	69.75 -1.18 -5.55	58.62 -0.98 -2.77	62.18 -1.26 -0.88	98.64 -2.10 -2.64	74.84 -1.46 -6.60
YORK___WARBASSE 23770	150.14 10.40 -23.92	146.57 9.99 -23.06	116.85 7.36 -23.08	134.12 7.98 -22.73	151.82 9.09 -22.86	197.61 11.34 -35.81	126.43 8.32 -21.33	124.96 8.13 -24.16	519.60 9.00 -413.21	299.35 9.48 -190.05	130.87 7.62 -32.00	131.59 8.00 -30.17	243.92 9.20 -127.91	403.33 9.19 -284.73	126.89 6.93 -36.90	138.77 7.38 -37.84	144.28 7.12 -49.44	190.43 4.64 -130.41	229.01 4.26 -173.39	144.34 5.44 -73.52	115.59 4.90 -53.86	107.63 5.14 -39.93	171.56 8.11 -65.36	195.83 5.93 -120.19