

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

01/05/2025

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	99.77	97.69	102.91	111.26	85.20	56.50	63.14	46.58	44.71	43.43	60.97	74.96	84.97	90.56	107.06	126.12	162.91	220.47	184.50	145.43	163.23	159.81	173.12	104.37
	7.42	7.08	7.12	7.31	5.50	3.94	4.19	3.20	3.10	3.17	4.73	5.64	6.26	6.66	8.00	9.45	12.38	16.00	12.95	9.10	9.97	12.10	12.11	7.05
	0.00	0.00	0.00	0.00	-3.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.68	-9.89	-19.32	-32.69	-39.25	0.00	0.00	0.00
74TH STREET_GT_1 24260	100.28	98.17	103.46	111.84	85.62	56.80	63.46	46.80	44.92	43.64	61.22	75.25	85.30	90.90	107.44	126.59	163.52	221.46	185.25	145.96	163.80	160.52	173.88	104.86
	7.93	7.56	7.67	7.90	5.92	4.25	4.50	3.42	3.31	3.37	4.98	5.93	6.60	7.00	8.38	9.93	12.99	16.99	13.70	9.62	10.52	12.81	12.88	7.53
	0.00	0.00	0.00	0.00	-3.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.68	-9.89	-19.32	-32.70	-39.25	0.00	0.00	0.00
74TH STREET_GT_2 24261	100.28	98.17	103.46	111.84	85.62	56.80	63.46	46.80	44.92	43.64	61.22	75.25	85.30	90.90	107.44	126.59	163.52	221.46	185.25	145.96	163.80	160.52	173.88	104.86
	7.93	7.56	7.67	7.90	5.92	4.25	4.50	3.42	3.31	3.37	4.98	5.93	6.60	7.00	8.38	9.93	12.99	16.99	13.70	9.62	10.52	12.81	12.88	7.53
	0.00	0.00	0.00	0.00	-3.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.68	-9.89	-19.32	-32.70	-39.25	0.00	0.00	0.00
ADK HUDSON___FALLS 24011	99.70	97.83	103.08	111.59	86.70	56.48	63.39	46.83	44.90	43.46	60.62	74.58	85.03	90.61	107.46	126.73	170.11	314.05	274.68	269.49	248.09	160.61	173.91	104.82
	7.35	7.22	7.28	7.64	5.69	3.93	4.43	3.45	3.29	3.19	4.37	5.26	6.32	6.71	8.41	10.06	13.21	17.55	14.16	9.76	10.54	12.90	12.90	7.49
	0.00	0.00	0.00	0.00	-5.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-7.04	-101.92	-108.29	-156.10	-123.53	0.00	0.00	0.00
ADK RESOURCE___RCVRY 23798	100.50	98.62	103.79	112.27	87.16	56.82	63.82	47.18	45.26	43.78	61.01	74.98	85.56	91.16	108.26	127.71	171.44	316.32	276.75	271.23	249.70	162.06	175.18	105.43
	8.15	8.01	8.00	8.33	6.15	4.27	4.87	3.80	3.65	3.51	4.77	5.66	6.85	7.25	9.20	11.05	14.50	19.27	15.70	10.78	11.68	14.35	14.17	8.11
	0.00	0.00	0.00	0.00	-5.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-7.08	-102.48	-108.82	-156.82	-124.01	0.00	0.00	0.00
ADK S GLENS___FALLS 24028	99.70	97.83	103.08	111.59	86.70	56.48	63.39	46.83	44.90	43.46	60.62	74.58	85.03	90.61	107.46	126.73	170.11	314.05	274.68	269.49	248.09	160.61	173.91	104.82
	7.35	7.22	7.28	7.64	5.69	3.93	4.43	3.45	3.29	3.19	4.37	5.26	6.32	6.71	8.41	10.06	13.21	17.55	14.16	9.76	10.54	12.90	12.90	7.49
	0.00	0.00	0.00	0.00	-5.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-7.04	-101.92	-108.29	-156.10	-123.53	0.00	0.00	0.00
ADK_NYS___DAM 23527	98.58	96.78	102.23	110.88	86.07	56.17	62.89	46.36	44.28	42.82	59.60	73.43	83.69	89.26	105.82	124.56	164.56	279.60	242.84	228.63	220.46	157.40	170.86	103.50
	6.24	6.17	6.43	6.93	5.25	3.62	3.93	2.98	2.67	2.56	3.36	4.11	4.98	5.35	6.76	7.90	9.71	12.63	10.18	7.14	7.89	9.69	9.85	6.17
	0.00	0.00	0.00	0.00	-4.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-5.00	-72.39	-80.42	-117.85	-98.55	0.00	0.00	0.00
AIR_PRODUCTS___DRP 24190	96.06	94.29	99.63	108.12	84.03	54.70	61.16	44.99	43.04	41.72	58.34	71.87	81.70	87.13	103.00	121.12	159.22	256.02	221.67	202.61	202.74	153.29	166.62	101.01
	3.72	3.67	3.84	4.17	3.16	2.14	2.20	1.61	1.43	1.45	2.11	2.55	2.98	3.23	3.94	4.46	5.64	7.38	6.00	4.22	4.59	5.58	5.61	3.70
	0.00	0.00	0.00	0.00	-4.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.74	-54.06	-63.44	-94.76	-84.14	0.00	0.00	0.00
AKWESSNE_115KV_BK 355683	92.30	90.59	96.14	104.26	76.01	52.65	59.32	43.49	41.71	40.31	56.13	69.30	78.68	83.77	98.56	116.19	149.16	192.50	150.14	102.10	112.66	146.30	159.93	96.41
	-0.05	-0.02	0.34	0.31	0.08	0.09	0.37	0.11	0.10	0.04	-0.11	-0.02	-0.03	-0.13	-0.49	-0.47	-0.69	-2.08	-2.09	-1.54	-1.36	-1.40	-1.08	-0.91
	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	97.15	95.43	100.84	109.56	84.91	55.38	61.96	45.56	43.60	42.11	58.83	72.43	82.31	87.85	103.96	122.41	160.19	245.76	211.49	187.23	193.05	155.06	168.65	102.26
	4.81	4.81	5.05	5.61	4.15	2.83	3.00	2.18	1.99	1.85	2.60	3.11	3.60	3.94	4.90	5.74	7.48	9.82	7.90	5.48	5.92	7.35	7.64	4.94
	0.00	0.00	0.00	0.00	-4.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.86	-41.36	-51.35	-78.11	-73.11	0.00	0.00	0.00
ALBANY_2_SOLAR 323834	97.15	95.39	100.78	109.49	84.89	55.37	61.92	45.55	43.58	42.09	58.82	72.40	82.30	87.82	103.91	122.38	160.16	245.68	211.43	187.15	193.03	155.02	168.59	102.23
	4.80	4.78	4.99	5.55	4.14	2.82	2.96	2.17	1.98	1.82	2.58	3.08	3.58	3.92	4.86	5.72	7.46	9.76	7.86	5.42	5.91	7.31	7.58	4.90
	0.00	0.00	0.00	0.00	-4.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.86	-41.35	-51.34	-78.10	-73.11	0.00	0.00	0.00
ALBANY___1 23571	96.06	94.29	99.63	108.12	84.03	54.70	61.16	44.99	43.04	41.72	58.34	71.87	81.70	87.13	103.00	121.12	159.22	256.02	221.67	202.61	202.74	153.29	166.62	101.01
	3.72	3.67	3.84	4.17	3.16	2.14	2.20	1.61	1.43	1.45	2.11	2.55	2.98	3.23	3.94	4.46	5.64	7.38	6.00	4.22	4.59	5.58	5.61	3.70
	0.00	0.00	0.00	0.00	-4.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.74	-54.06	-63.44	-94.76	-84.14	0.00	0.00	0.00

ALBANY___2 23572	96.06 3.72 0.00	94.29 3.67 0.00	99.63 3.84 0.00	108.12 4.17 0.00	84.03 3.16 -4.93	54.70 2.14 0.00	61.16 2.20 0.00	44.99 1.61 0.00	43.04 1.43 0.00	41.72 1.45 0.00	58.34 2.11 0.00	71.87 2.55 0.00	81.70 2.98 0.00	87.13 3.23 0.00	103.00 3.94 0.00	121.12 4.46 0.00	159.22 5.64 -3.74	256.02 7.38 -54.06	221.67 6.00 -63.44	202.61 4.22 -94.76	202.74 4.59 -84.14	153.29 5.58 0.00	166.62 5.61 0.00	101.01 3.70 0.00
ALBANY___3 23573	96.06 3.72 0.00	94.29 3.67 0.00	99.63 3.84 0.00	108.12 4.17 0.00	84.03 3.16 -4.93	54.70 2.14 0.00	61.16 2.20 0.00	44.99 1.61 0.00	43.04 1.43 0.00	41.72 1.45 0.00	58.34 2.11 0.00	71.87 2.55 0.00	81.70 2.98 0.00	87.13 3.23 0.00	103.00 3.94 0.00	121.12 4.46 0.00	159.22 5.64 -3.74	256.02 7.38 -54.06	221.67 6.00 -63.44	202.61 4.22 -94.76	202.74 4.59 -84.14	153.29 5.58 0.00	166.62 5.61 0.00	101.01 3.70 0.00
ALBANY___4 23574	96.06 3.72 0.00	94.29 3.67 0.00	99.63 3.84 0.00	108.12 4.17 0.00	84.03 3.16 -4.93	54.70 2.14 0.00	61.16 2.20 0.00	44.99 1.61 0.00	43.04 1.43 0.00	41.72 1.45 0.00	58.34 2.11 0.00	71.87 2.55 0.00	81.70 2.98 0.00	87.13 3.23 0.00	103.00 3.94 0.00	121.12 4.46 0.00	159.22 5.64 -3.74	256.02 7.38 -54.06	221.67 6.00 -63.44	202.61 4.22 -94.76	202.74 4.59 -84.14	153.29 5.58 0.00	166.62 5.61 0.00	101.01 3.70 0.00
ALBANY___LFGE 323615	96.66 4.32 0.00	94.88 4.27 0.00	100.22 4.43 0.00	108.77 4.82 0.00	84.54 3.63 -4.97	55.04 2.48 0.00	61.55 2.60 0.00	45.30 1.92 0.00	43.35 1.74 0.00	42.00 1.74 0.00	58.74 2.50 0.00	72.37 3.05 0.00	82.30 3.58 0.00	87.76 3.85 0.00	103.76 4.70 0.00	122.07 5.41 0.00	161.46 6.90 -4.71	271.83 9.03 -68.22	236.25 7.32 -76.70	221.60 5.08 -112.89	215.31 5.52 -95.78	154.41 6.70 0.00	167.85 6.84 0.00	101.68 4.36 0.00
ALCOA_PA_115KV_PL-6C 55860	92.27 -0.07 0.00	90.56 -0.05 0.00	96.11 0.32 0.00	104.22 0.28 0.00	75.97 0.04 0.00	52.63 0.08 0.00	59.32 0.37 0.00	43.50 0.11 0.00	41.74 0.13 0.00	40.33 0.07 0.00	56.16 -0.08 0.00	69.35 0.03 0.00	78.75 0.04 0.00	83.80 -0.10 0.00	98.60 -0.45 0.00	116.25 -0.41 0.00	149.30 -0.54 0.00	193.52 -1.06 0.00	150.94 -1.29 0.00	102.68 -0.95 0.00	113.30 -0.71 0.00	147.10 -0.61 0.00	160.77 -0.23 0.00	96.89 -0.43 0.00
ALCOA_RYNLDS___DRP 24188	92.27 -0.07 0.00	90.56 -0.05 0.00	96.11 0.32 0.00	104.22 0.28 0.00	75.97 0.04 0.00	52.63 0.08 0.00	59.32 0.37 0.00	43.50 0.11 0.00	41.74 0.13 0.00	40.33 0.07 0.00	56.16 -0.08 0.00	69.35 0.03 0.00	78.75 0.04 0.00	83.80 -0.10 0.00	98.60 -0.45 0.00	116.25 -0.41 0.00	149.30 -0.54 0.00	193.52 -1.06 0.00	150.94 -1.29 0.00	102.68 -0.95 0.00	113.30 -0.71 0.00	147.10 -0.61 0.00	160.77 -0.23 0.00	96.89 -0.43 0.00
ALCOA___DSASP 323711	92.27 -0.07 0.00	90.56 -0.05 0.00	96.11 0.32 0.00	104.22 0.27 0.00	75.97 0.04 0.00	52.63 0.08 0.00	59.33 0.37 0.00	43.50 0.12 0.00	41.74 0.13 0.00	40.33 0.07 0.00	56.16 -0.08 0.00	69.35 0.03 0.00	78.75 0.04 0.00	83.80 -0.10 0.00	98.60 -0.46 0.00	116.25 -0.41 0.00	149.31 -0.54 0.00	193.51 -1.07 0.00	150.94 -1.29 0.00	102.68 -0.96 0.00	113.31 -0.71 0.00	147.10 -0.60 0.00	160.77 -0.23 0.00	96.89 -0.43 0.00
ALLEGHENY___COGEN 23514	169.02 -3.21 -79.88	166.33 -3.23 -78.95	173.41 -4.11 -81.72	187.99 -4.33 -88.38	145.98 -2.93 -72.98	108.30 -1.73 -57.48	118.47 -1.87 -61.38	104.24 -1.45 -62.31	92.46 -1.17 -52.02	91.40 -1.42 -52.56	116.38 -1.79 -61.92	133.89 -2.48 -67.05	149.65 -3.37 -74.30	157.27 -3.67 -77.04	176.85 -5.91 -83.71	171.62 -9.82 -64.77	139.62 -13.94 -3.71	196.86 -16.10 -18.38	147.78 -12.68 -8.23	100.98 -8.01 -5.36	111.16 -10.02 -7.17	135.54 -12.17 0.00	149.97 -11.03 0.00	98.69 1.37 0.00
ALTAMONT_115KV_TB 2 55880	95.79 3.45 0.00	94.05 3.44 0.00	99.34 3.55 0.00	107.90 3.95 0.00	83.81 2.95 -4.93	54.52 1.97 0.00	60.99 2.03 0.00	44.91 1.53 0.00	43.01 1.40 0.00	41.66 1.39 0.00	58.23 1.99 0.00	71.69 2.37 0.00	81.50 2.78 0.00	86.89 2.99 0.00	102.72 3.66 0.00	120.91 4.25 0.00	158.28 5.42 -3.01	245.33 7.14 -43.62	211.84 5.88 -53.72	189.29 4.15 -81.50	194.28 4.50 -75.76	153.16 5.45 0.00	166.56 5.56 0.00	100.79 3.46 0.00
ALTONA_WT_PWR 323606	92.41 0.06 0.00	91.19 0.57 0.00	97.23 1.44 0.00	105.64 1.70 0.00	76.96 1.03 0.00	53.11 0.55 0.00	59.60 0.65 0.00	43.42 0.04 0.00	41.57 -0.04 0.00	40.29 0.03 0.00	56.14 -0.10 0.00	69.37 0.05 0.00	78.83 0.11 0.00	83.90 0.00 0.00	98.74 -0.32 0.00	116.18 -0.48 0.00	148.76 -1.09 0.00	192.81 -1.76 0.00	150.73 -1.50 0.00	102.90 -0.74 0.00	113.48 -0.53 0.00	147.55 -0.15 0.00	161.51 0.51 0.00	97.35 0.03 0.00
AMERICAN_REF_FUEL 24010	62.73 -11.75 17.87	61.48 -11.47 17.66	64.52 -12.99 18.28	69.96 -14.21 19.77	50.34 -10.03 15.56	33.18 -6.51 12.86	37.98 -7.24 13.73	23.43 -6.14 13.81	24.24 -5.80 11.57	22.38 -6.13 11.75	33.92 -8.55 13.77	43.92 -10.40 15.00	50.09 -11.91 16.72	54.06 -12.61 17.23	65.07 -15.27 18.73	83.80 -18.37 14.49	124.50 -24.51 0.83	160.48 -29.98 4.11	129.35 -24.20 -1.31	91.91 -16.46 -4.74	100.87 -19.21 -6.07	124.00 -23.71 0.00	138.65 -22.35 0.00	86.47 -10.85 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	63.74 -10.20 18.41	62.38 -10.04 18.19	65.78 -11.19 18.83	71.49 -12.09 20.36	51.29 -8.66 15.98	33.69 -5.62 13.24	38.97 -5.84 14.14	23.92 -5.12 14.33	24.94 -4.70 11.98	23.36 -4.80 12.11	35.47 -6.52 14.25	46.21 -7.66 15.45	52.69 -8.82 17.21	57.07 -9.08 17.75	69.19 -10.59 19.29	89.83 -11.91 14.92	134.31 -14.68 0.86	174.29 -16.05 4.24	141.07 -12.75 -1.59	100.68 -8.29 -5.34	110.65 -10.25 -6.89	135.42 -12.29 0.00	150.44 -10.56 0.00	93.06 -4.26 0.00
ARTHUR KILL_GT_1 23520	100.42 8.08 0.00	98.29 7.67 0.00	103.59 7.80 0.00	111.78 7.83 0.00	85.76 6.06 -3.77	75.40 4.54 -18.30	75.59 4.82 -11.81	76.24 3.62 -29.24	78.70 3.42 -33.67	79.97 3.45 -36.25	78.30 4.94 -17.12	126.77 5.90 -51.55	102.98 6.45 -17.82	123.89 6.60 -33.39	106.94 7.88 0.00	125.84 9.18 0.00	345.56 12.65 -183.06	779.57 16.78 -568.22	314.01 13.81 -147.97	294.28 9.65 -180.99	313.33 10.71 -188.61	306.96 13.08 -146.18	190.93 13.20 -16.72	113.52 7.85 -8.35
ARTHUR_KILL_2 23512	100.12 7.78 0.00	98.02 7.40 0.00	103.31 7.51 0.00	111.49 7.54 0.00	85.54 5.84 -3.77	75.24 4.39 -18.30	75.42 4.65 -11.81	76.11 3.49 -29.24	78.57 3.29 -33.67	79.85 3.33 -36.25	78.15 4.79 -17.12	126.59 5.72 -51.55	102.78 6.25 -17.82	123.67 6.38 -33.39	106.65 7.59 0.00	125.50 8.84 0.00	345.11 12.20 -183.06	778.96 16.17 -568.22	313.51 13.31 -147.97	293.95 9.32 -180.99	312.98 10.35 -188.61	306.50 12.62 -146.18	190.43 12.69 -16.72	113.19 7.52 -8.35
ARTHUR_KILL_3 23513	99.19 6.84 0.00	97.14 6.53 0.00	102.35 6.56 0.00	110.62 6.67 0.00	84.73 5.04 -3.77	74.46 3.60 -18.31	75.03 3.78 -12.29	77.01 2.87 -30.75	79.79 2.77 -35.41	81.24 2.84 -38.13	78.50 4.25 -18.00	128.54 5.00 -54.22	102.97 5.50 -18.75	124.90 5.86 -35.14	106.11 7.05 0.00	125.01 8.34 0.00	353.46 10.99 -192.62	806.09 14.34 -597.17	318.43 11.56 -154.64	300.49 8.17 -188.68	319.35 8.98 -196.35	312.23 10.77 -153.75	189.36 10.76 -17.59	111.98 6.31 -8.35

ARTHUR_KILL_COGEN 323718	100.42 8.08 0.00	98.29 7.67 0.00	103.59 7.80 0.00	111.78 7.83 0.00	85.76 6.06 -3.77	75.40 4.54 -18.30	75.59 4.82 -11.81	76.24 3.62 -29.24	78.70 3.42 -33.67	79.97 3.45 -36.25	78.30 4.94 -17.12	126.77 5.90 -51.55	102.98 6.45 -17.82	123.89 6.60 -33.39	106.94 7.88 0.00	125.84 9.18 0.00	345.56 12.65 -183.06	779.57 16.78 -568.22	314.01 13.81 -147.97	294.28 9.65 -180.99	313.33 10.71 -188.61	306.96 13.08 -146.18	190.93 13.20 -16.72	113.52 7.85 -8.35
ASHOKAN____ 23654	102.88 10.54 0.00	100.73 10.11 0.00	106.08 10.29 0.00	114.95 11.00 0.00	88.48 8.17 -4.38	58.30 5.75 0.00	65.28 6.32 0.00	48.19 4.81 0.00	46.37 4.76 0.00	44.91 4.64 0.00	62.68 6.44 0.00	77.33 8.01 0.00	87.91 9.20 0.00	93.73 9.83 0.00	111.06 12.00 0.00	131.25 14.59 0.00	171.47 19.41 -2.20	251.45 24.99 -31.89	213.50 19.89 -41.38	180.64 13.22 -63.78	189.86 13.97 -61.87	165.90 18.20 0.00	179.57 18.57 0.00	108.20 10.88 0.00
ASTORIA_EAST_ENERGY_CC1 323581	99.36 7.02 0.01	97.27 6.66 0.01	102.50 6.72 0.01	110.80 6.86 0.01	84.85 5.15 -3.76	56.26 3.71 0.01	62.95 4.00 0.00	46.45 3.07 0.00	44.58 2.97 0.00	43.31 3.04 0.00	60.68 4.44 0.00	74.46 5.14 0.00	84.61 5.90 0.00	90.18 6.28 0.00	106.55 7.49 0.00	125.45 8.79 0.00	162.47 11.94 -0.68	219.98 15.51 -9.89	184.18 12.63 -19.32	145.32 8.99 -32.70	163.02 9.75 -39.25	159.10 11.39 0.00	172.21 11.20 0.00	103.81 6.49 0.00
ASTORIA_EAST_ENERGY_CC2 323582	99.36 7.02 0.01	97.27 6.66 0.01	102.53 6.74 0.01	110.82 6.88 0.01	84.88 5.19 -3.76	56.26 3.72 0.01	62.96 4.01 0.00	46.46 3.07 0.00	44.58 2.97 0.00	43.31 3.04 0.00	60.68 4.44 0.00	74.47 5.15 0.00	84.63 5.92 0.00	90.22 6.31 0.00	106.61 7.55 0.00	125.47 8.81 0.00	162.48 11.95 -0.68	219.98 15.51 -9.89	184.21 12.65 -19.32	145.33 8.99 -32.70	163.05 9.78 -39.25	159.12 11.41 0.00	172.21 11.20 0.00	103.82 6.50 0.00
ASTORIA_GT2_1 24094	99.37 7.03 0.01	97.32 6.71 0.01	102.59 6.81 0.01	110.89 6.95 0.01	84.92 5.23 -3.76	56.28 3.74 0.01	63.00 4.04 0.00	46.48 3.10 0.00	44.60 2.99 0.00	43.34 3.08 0.00	60.74 4.50 0.00	74.57 5.25 0.00	84.69 5.98 0.00	90.27 6.37 0.00	106.66 7.60 0.00	125.56 8.89 0.00	162.56 12.03 -0.68	220.12 15.65 -9.89	184.24 12.69 -19.32	145.40 9.06 -32.70	163.08 9.81 -39.25	159.19 11.48 0.00	172.27 11.26 0.00	103.89 6.57 0.00
ASTORIA_GT2_2 24095	99.37 7.03 0.01	97.32 6.71 0.01	102.59 6.81 0.01	110.89 6.95 0.01	84.92 5.23 -3.76	56.28 3.74 0.01	63.00 4.04 0.00	46.48 3.10 0.00	44.60 2.99 0.00	43.34 3.08 0.00	60.74 4.50 0.00	74.57 5.25 0.00	84.69 5.98 0.00	90.27 6.37 0.00	106.66 7.60 0.00	125.56 8.89 0.00	162.56 12.03 -0.68	220.12 15.65 -9.89	184.24 12.69 -19.32	145.40 9.06 -32.70	163.08 9.81 -39.25	159.19 11.48 0.00	172.27 11.26 0.00	103.89 6.57 0.00
ASTORIA_GT2_3 24096	99.37 7.03 0.01	97.32 6.71 0.01	102.59 6.81 0.01	110.89 6.95 0.01	84.92 5.23 -3.76	56.28 3.74 0.01	63.00 4.04 0.00	46.48 3.10 0.00	44.60 2.99 0.00	43.34 3.08 0.00	60.74 4.50 0.00	74.57 5.25 0.00	84.69 5.98 0.00	90.27 6.37 0.00	106.66 7.60 0.00	125.56 8.89 0.00	162.56 12.03 -0.68	220.12 15.65 -9.89	184.24 12.69 -19.32	145.40 9.06 -32.70	163.08 9.81 -39.25	159.19 11.48 0.00	172.27 11.26 0.00	103.89 6.57 0.00
ASTORIA_GT2_4 24097	99.37 7.03 0.01	97.32 6.71 0.01	102.59 6.81 0.01	110.89 6.95 0.01	84.92 5.23 -3.76	56.28 3.74 0.01	63.00 4.04 0.00	46.48 3.10 0.00	44.60 2.99 0.00	43.34 3.08 0.00	60.74 4.50 0.00	74.57 5.25 0.00	84.69 5.98 0.00	90.27 6.37 0.00	106.66 7.60 0.00	125.56 8.89 0.00	162.56 12.03 -0.68	220.12 15.65 -9.89	184.24 12.69 -19.32	145.40 9.06 -32.70	163.08 9.81 -39.25	159.19 11.48 0.00	172.27 11.26 0.00	103.89 6.57 0.00
ASTORIA_GT3_1 24098	99.37 7.03 0.01	97.32 6.71 0.01	102.59 6.81 0.01	110.89 6.95 0.01	84.92 5.23 -3.76	56.28 3.74 0.01	63.00 4.04 0.00	46.48 3.10 0.00	44.60 2.99 0.00	43.34 3.08 0.00	60.74 4.50 0.00	74.57 5.25 0.00	84.69 5.98 0.00	90.27 6.37 0.00	106.66 7.60 0.00	125.56 8.89 0.00	162.56 12.03 -0.68	220.12 15.65 -9.89	184.24 12.69 -19.32	145.40 9.06 -32.70	163.08 9.81 -39.25	159.19 11.48 0.00	172.27 11.26 0.00	103.89 6.57 0.00
ASTORIA_GT3_2 24099	99.37 7.03 0.01	97.32 6.71 0.01	102.59 6.81 0.01	110.89 6.95 0.01	84.92 5.23 -3.76	56.28 3.74 0.01	63.00 4.04 0.00	46.48 3.10 0.00	44.60 2.99 0.00	43.34 3.08 0.00	60.74 4.50 0.00	74.57 5.25 0.00	84.69 5.98 0.00	90.27 6.37 0.00	106.66 7.60 0.00	125.56 8.89 0.00	162.56 12.03 -0.68	220.12 15.65 -9.89	184.24 12.69 -19.32	145.40 9.06 -32.70	163.08 9.81 -39.25	159.19 11.48 0.00	172.27 11.26 0.00	103.89 6.57 0.00
ASTORIA_GT3_3 24100	99.37 7.03 0.01	97.32 6.71 0.01	102.59 6.81 0.01	110.89 6.95 0.01	84.92 5.23 -3.76	56.28 3.74 0.01	63.00 4.04 0.00	46.48 3.10 0.00	44.60 2.99 0.00	43.34 3.08 0.00	60.74 4.50 0.00	74.57 5.25 0.00	84.69 5.98 0.00	90.27 6.37 0.00	106.66 7.60 0.00	125.56 8.89 0.00	162.56 12.03 -0.68	220.12 15.65 -9.89	184.24 12.69 -19.32	145.40 9.06 -32.70	163.08 9.81 -39.25	159.19 11.48 0.00	172.27 11.26 0.00	103.89 6.57 0.00
ASTORIA_GT3_4 24101	99.37 7.03 0.01	97.32 6.71 0.01	102.59 6.81 0.01	110.89 6.95 0.01	84.92 5.23 -3.76	56.28 3.74 0.01	63.00 4.04 0.00	46.48 3.10 0.00	44.60 2.99 0.00	43.34 3.08 0.00	60.74 4.50 0.00	74.57 5.25 0.00	84.69 5.98 0.00	90.27 6.37 0.00	106.66 7.60 0.00	125.56 8.89 0.00	162.56 12.03 -0.68	220.12 15.65 -9.89	184.24 12.69 -19.32	145.40 9.06 -32.70	163.08 9.81 -39.25	159.19 11.48 0.00	172.27 11.26 0.00	103.89 6.57 0.00
ASTORIA_GT4_1 24102	99.37 7.03 0.01	97.32 6.71 0.01	102.59 6.81 0.01	110.89 6.95 0.01	84.92 5.23 -3.76	56.28 3.74 0.01	63.00 4.04 0.00	46.48 3.10 0.00	44.60 2.99 0.00	43.34 3.08 0.00	60.74 4.50 0.00	74.57 5.25 0.00	84.69 5.98 0.00	90.27 6.37 0.00	106.66 7.60 0.00	125.56 8.89 0.00	162.56 12.03 -0.68	220.12 15.65 -9.89	184.24 12.69 -19.32	145.40 9.06 -32.70	163.08 9.81 -39.25	159.19 11.48 0.00	172.27 11.26 0.00	103.89 6.57 0.00
ASTORIA_GT4_2 24103	99.37 7.03 0.01	97.32 6.71 0.01	102.59 6.81 0.01	110.89 6.95 0.01	84.92 5.23 -3.76	56.28 3.74 0.01	63.00 4.04 0.00	46.48 3.10 0.00	44.60 2.99 0.00	43.34 3.08 0.00	60.74 4.50 0.00	74.57 5.25 0.00	84.69 5.98 0.00	90.27 6.37 0.00	106.66 7.60 0.00	125.56 8.89 0.00	162.56 12.03 -0.68	220.12 15.65 -9.89	184.24 12.69 -19.32	145.40 9.06 -32.70	163.08 9.81 -39.25	159.19 11.48 0.00	172.27 11.26 0.00	103.89 6.57 0.00
ASTORIA_GT4_3 24104	99.37 7.03 0.01	97.32 6.71 0.01	102.59 6.81 0.01	110.89 6.95 0.01	84.92 5.23 -3.76	56.28 3.74 0.01	63.00 4.04 0.00	46.48 3.10 0.00	44.60 2.99 0.00	43.34 3.08 0.00	60.74 4.50 0.00	74.57 5.25 0.00	84.69 5.98 0.00	90.27 6.37 0.00	106.66 7.60 0.00	125.56 8.89 0.00	162.56 12.03 -0.68	220.12 15.65 -9.89	184.24 12.69 -19.32	145.40 9.06 -32.70	163.08 9.81 -39.25	159.19 11.48 0.00	172.27 11.26 0.00	103.89 6.57 0.00

ASTORIA_GT4_4 24105	99.37 7.03 0.01	97.32 6.71 0.01	102.59 6.81 0.01	110.89 6.95 0.01	84.92 5.23 -3.76	56.28 3.74 0.01	63.00 4.04 0.00	46.48 3.10 0.00	44.60 2.99 0.00	43.34 3.08 0.00	60.74 4.50 0.00	74.57 5.25 0.00	84.69 5.98 0.00	90.27 6.37 0.00	106.66 7.60 0.00	125.56 8.89 0.00	162.56 12.03 -0.68	220.12 15.65 -9.89	184.24 12.69 -19.32	145.40 9.06 -32.70	163.08 9.81 -39.25	159.19 11.48 0.00	172.27 11.26 0.00	103.89 6.57 0.00
ASTORIA_GT_1 23523	99.55 7.21 0.01	97.48 6.87 0.01	102.73 6.95 0.01	111.03 7.09 0.01	85.03 5.34 -3.76	56.37 3.82 0.01	63.08 4.12 0.00	46.55 3.17 0.00	44.67 3.07 0.00	43.41 3.15 0.00	60.83 4.59 0.00	74.66 5.34 0.00	84.81 6.10 0.00	90.40 6.49 0.00	106.83 7.77 0.00	125.74 9.08 0.00	162.86 12.33 -0.68	220.51 16.04 -9.89	184.57 13.02 -19.32	145.61 9.28 -32.70	163.32 10.05 -39.25	159.46 11.75 0.00	172.56 11.55 0.00	104.04 6.71 0.00
ASTORIA_GT_10 24110	99.87 7.53 0.00	97.81 7.19 0.00	103.06 7.27 0.00	111.35 7.41 0.00	85.28 5.58 -3.77	56.56 4.00 0.00	63.18 4.23 0.00	46.61 3.23 0.00	44.71 3.10 0.00	43.46 3.20 0.00	61.03 4.79 0.00	74.98 5.66 0.00	85.03 6.32 0.00	90.54 6.63 0.00	106.97 7.91 0.00	125.98 9.31 0.00	162.90 12.37 -0.68	220.62 16.15 -9.89	184.57 13.02 -19.32	145.55 9.22 -32.70	163.29 10.01 -39.25	159.80 12.09 0.00	173.03 12.02 0.00	104.35 7.02 0.00
ASTORIA_GT_11 24225	99.87 7.53 0.00	97.81 7.19 0.00	103.06 7.27 0.00	111.35 7.41 0.00	85.28 5.58 -3.77	56.56 4.00 0.00	63.18 4.23 0.00	46.61 3.23 0.00	44.71 3.10 0.00	43.46 3.20 0.00	61.03 4.79 0.00	74.98 5.66 0.00	85.03 6.32 0.00	90.54 6.63 0.00	106.97 7.91 0.00	125.98 9.31 0.00	162.90 12.37 -0.68	220.62 16.15 -9.89	184.57 13.02 -19.32	145.55 9.22 -32.70	163.29 10.01 -39.25	159.80 12.09 0.00	173.03 12.02 0.00	104.35 7.02 0.00
ASTORIA_GT_12 24226	99.87 7.53 0.00	97.81 7.19 0.00	103.06 7.27 0.00	111.35 7.41 0.00	85.28 5.58 -3.77	56.56 4.00 0.00	63.18 4.23 0.00	46.61 3.23 0.00	44.71 3.10 0.00	43.46 3.20 0.00	61.03 4.79 0.00	74.98 5.66 0.00	85.03 6.32 0.00	90.54 6.63 0.00	106.97 7.91 0.00	125.98 9.31 0.00	162.90 12.37 -0.68	220.62 16.15 -9.89	184.57 13.02 -19.32	145.55 9.22 -32.70	163.29 10.01 -39.25	159.80 12.09 0.00	173.03 12.02 0.00	104.35 7.02 0.00
ASTORIA_GT_13 24227	99.87 7.53 0.00	97.81 7.19 0.00	103.06 7.27 0.00	111.35 7.41 0.00	85.28 5.58 -3.77	56.56 4.00 0.00	63.18 4.23 0.00	46.61 3.23 0.00	44.71 3.10 0.00	43.46 3.20 0.00	61.03 4.79 0.00	74.98 5.66 0.00	85.03 6.32 0.00	90.54 6.63 0.00	106.97 7.91 0.00	125.98 9.31 0.00	162.90 12.37 -0.68	220.62 16.15 -9.89	184.57 13.02 -19.32	145.55 9.22 -32.70	163.29 10.01 -39.25	159.80 12.09 0.00	173.03 12.02 0.00	104.35 7.02 0.00
ASTORIA_GT_5 24106	99.55 7.21 0.01	97.49 6.88 0.01	102.78 6.99 0.01	111.04 7.10 0.01	85.03 5.34 -3.76	56.37 3.83 0.01	63.10 4.15 0.00	46.55 3.17 0.00	44.67 3.07 0.00	43.42 3.15 0.00	60.85 4.61 0.00	74.70 5.38 0.00	84.83 6.12 0.00	90.42 6.51 0.00	106.86 7.80 0.00	125.79 9.13 0.00	162.86 12.33 -0.68	220.58 16.10 -9.89	184.54 12.99 -19.32	145.62 9.28 -32.70	163.32 10.05 -39.25	159.45 11.75 0.00	172.54 11.53 0.00	104.03 6.71 0.00
ASTORIA_GT_7 24107	99.55 7.21 0.01	97.49 6.88 0.01	102.78 6.99 0.01	111.04 7.10 0.01	85.03 5.34 -3.76	56.37 3.83 0.01	63.10 4.15 0.00	46.55 3.17 0.00	44.67 3.07 0.00	43.42 3.15 0.00	60.85 4.61 0.00	74.70 5.38 0.00	84.83 6.12 0.00	90.42 6.51 0.00	106.86 7.80 0.00	125.79 9.13 0.00	162.86 12.33 -0.68	220.58 16.10 -9.89	184.54 12.99 -19.32	145.62 9.28 -32.70	163.32 10.05 -39.25	159.45 11.75 0.00	172.54 11.53 0.00	104.03 6.71 0.00
ASTORIA_GT_8 24108	99.55 7.21 0.01	97.49 6.88 0.01	102.78 6.99 0.01	111.04 7.10 0.01	85.03 5.34 -3.76	56.37 3.83 0.01	63.10 4.15 0.00	46.55 3.17 0.00	44.67 3.07 0.00	43.42 3.15 0.00	60.85 4.61 0.00	74.70 5.38 0.00	84.83 6.12 0.00	90.42 6.51 0.00	106.86 7.80 0.00	125.79 9.13 0.00	162.86 12.33 -0.68	220.58 16.10 -9.89	184.54 12.99 -19.32	145.62 9.28 -32.70	163.32 10.05 -39.25	159.45 11.75 0.00	172.54 11.53 0.00	104.03 6.71 0.00
ASTORIA___2 24149	99.37 7.04 0.01	97.31 6.71 0.01	102.57 6.79 0.01	110.86 6.92 0.01	84.92 5.22 -3.76	56.27 3.72 0.01	62.99 4.04 0.00	46.47 3.09 0.00	44.60 2.99 0.00	43.34 3.08 0.00	60.72 4.48 0.00	74.52 5.20 0.00	84.66 5.95 0.00	90.24 6.33 0.00	106.64 7.58 0.00	125.51 8.85 0.00	162.56 12.03 -0.68	220.07 15.61 -9.89	184.27 12.71 -19.32	145.40 9.06 -32.70	163.09 9.82 -39.25	159.19 11.48 0.00	172.29 11.28 0.00	103.88 6.56 0.00
ASTORIA___3 23516	99.87 7.52 0.00	97.80 7.18 0.00	103.04 7.24 0.00	111.33 7.38 0.00	85.28 5.58 -3.77	56.55 4.00 0.00	63.18 4.22 0.00	46.61 3.23 0.00	44.71 3.10 0.00	43.46 3.19 0.00	61.01 4.77 0.00	74.93 5.61 0.00	84.98 6.27 0.00	90.50 6.59 0.00	106.95 7.89 0.00	125.95 9.29 0.00	162.90 12.36 -0.68	220.58 16.11 -9.89	184.59 13.04 -19.32	145.56 9.23 -32.70	163.30 10.03 -39.25	159.80 12.09 0.00	173.05 12.04 0.00	104.35 7.02 0.00
ASTORIA___4 23517	99.87 7.53 0.00	97.80 7.18 0.00	103.06 7.27 0.00	111.35 7.41 0.00	85.28 5.58 -3.77	56.56 4.00 0.00	63.18 4.22 0.00	46.61 3.23 0.00	44.71 3.10 0.00	43.46 3.20 0.00	61.03 4.79 0.00	74.98 5.66 0.00	85.02 6.31 0.00	90.54 6.63 0.00	106.97 7.91 0.00	125.98 9.31 0.00	162.90 12.37 -0.68	220.62 16.15 -9.89	184.57 13.02 -19.32	145.55 9.22 -32.70	163.29 10.01 -39.25	159.80 12.09 0.00	173.03 12.02 0.00	104.35 7.02 0.00
ASTORIA___5 23518	99.87 7.52 0.00	97.80 7.18 0.00	103.04 7.25 0.00	111.33 7.38 0.00	85.28 5.58 -3.77	56.55 4.00 0.00	63.18 4.22 0.00	46.61 3.23 0.00	44.71 3.10 0.00	43.46 3.19 0.00	61.01 4.77 0.00	74.93 5.61 0.00	84.98 6.27 0.00	90.50 6.59 0.00	106.95 7.89 0.00	125.95 9.29 0.00	162.90 12.36 -0.68	220.58 16.11 -9.89	184.59 13.04 -19.32	145.56 9.23 -32.70	163.32 10.05 -39.25	159.80 12.09 0.00	173.05 12.04 0.00	104.35 7.02 0.00
AST_ENERGY_2_CC3 323677	99.45 7.11 0.00	97.43 6.81 0.00	102.70 6.91 0.00	111.00 7.05 0.00	85.00 5.30 -3.77	56.37 3.82 0.00	62.96 4.00 0.00	46.43 3.05 0.00	44.55 2.94 0.00	43.29 3.02 0.00	60.77 4.53 0.00	74.69 5.37 0.00	84.59 5.88 0.00	90.12 6.22 0.00	106.52 7.46 0.00	125.47 8.81 0.00	162.14 11.61 -0.68	219.44 14.97 -9.89	183.46 11.91 -19.32	144.77 8.44 -32.69	162.56 9.29 -39.25	158.94 11.23 0.00	172.20 11.20 0.00	103.82 6.49 0.00
AST_ENERGY_2_CC4 323678	99.45 7.11 0.00	97.43 6.81 0.00	102.70 6.91 0.00	111.00 7.05 0.00	85.00 5.30 -3.77	56.37 3.82 0.00	62.96 4.00 0.00	46.43 3.05 0.00	44.55 2.94 0.00	43.29 3.02 0.00	60.77 4.53 0.00	74.69 5.37 0.00	84.59 5.88 0.00	90.12 6.22 0.00	106.52 7.46 0.00	125.47 8.81 0.00	162.14 11.61 -0.68	219.44 14.97 -9.89	183.46 11.91 -19.32	144.77 8.44 -32.69	162.56 9.29 -39.25	158.94 11.23 0.00	172.20 11.20 0.00	103.82 6.49 0.00

ATHENS_STG_1 23668	96.52 4.18 0.00	94.74 4.13 0.00	100.03 4.24 0.00	108.62 4.68 0.00	83.78 3.47 -4.38	54.87 2.33 0.00	61.33 2.37 0.00	45.18 1.80 0.00	43.32 1.71 0.00	41.99 1.72 0.00	58.71 2.47 0.00	72.25 2.93 0.00	82.08 3.37 0.00	87.49 3.59 0.00	103.42 4.36 0.00	121.73 5.07 0.00	156.85 6.49 -0.51	210.46 8.51 -7.37	177.97 7.14 -18.60	141.45 5.07 -32.75	161.84 5.51 -42.31	154.37 6.67 0.00	167.75 6.75 0.00	101.43 4.11 0.00
ATHENS_STG_2 23670	96.52 4.18 0.00	94.74 4.13 0.00	100.03 4.24 0.00	108.62 4.68 0.00	83.78 3.47 -4.38	54.87 2.33 0.00	61.33 2.37 0.00	45.18 1.80 0.00	43.32 1.71 0.00	41.99 1.72 0.00	58.71 2.47 0.00	72.25 2.93 0.00	82.08 3.37 0.00	87.49 3.59 0.00	103.42 4.36 0.00	121.73 5.07 0.00	156.85 6.49 -0.51	210.46 8.51 -7.37	177.97 7.14 -18.60	141.45 5.07 -32.75	161.84 5.51 -42.31	154.37 6.67 0.00	167.75 6.75 0.00	101.43 4.11 0.00
ATHENS_STG_3 23677	96.52 4.18 0.00	94.74 4.13 0.00	100.03 4.24 0.00	108.62 4.68 0.00	83.78 3.47 -4.38	54.87 2.33 0.00	61.33 2.37 0.00	45.18 1.80 0.00	43.32 1.71 0.00	41.99 1.72 0.00	58.71 2.47 0.00	72.25 2.93 0.00	82.08 3.37 0.00	87.49 3.59 0.00	103.42 4.36 0.00	121.73 5.07 0.00	156.85 6.49 -0.51	210.46 8.51 -7.37	177.97 7.14 -18.60	141.45 5.07 -32.75	161.84 5.51 -42.31	154.37 6.67 0.00	167.75 6.75 0.00	101.43 4.11 0.00
AUBURN___LFGE 323710	91.02 -1.33 0.00	89.31 -1.30 0.00	94.06 -1.73 0.00	102.21 -1.74 0.00	75.14 -1.29 -0.50	51.86 -0.69 0.00	58.10 -0.85 0.00	42.87 -0.51 0.00	41.04 -0.57 0.00	39.78 -0.48 0.00	55.65 -0.59 0.00	68.53 -0.80 0.00	77.75 -0.96 0.00	82.84 -1.06 0.00	97.86 -1.20 0.00	115.51 -1.15 0.00	148.70 -1.15 0.00	193.56 -1.02 0.00	153.65 -0.63 -2.04	106.74 -0.76 -3.86	118.31 -0.97 -5.26	146.32 -1.39 0.00	159.69 -1.32 0.00	96.78 -0.54 0.00
BABYLON_RES_REC 323704	101.89 9.54 0.00	99.45 8.84 0.00	104.61 8.82 0.00	113.01 9.06 0.00	86.45 6.75 -3.77	57.26 4.71 0.00	64.07 5.12 0.00	47.37 3.99 0.00	45.51 3.90 0.00	44.12 3.86 0.00	61.74 5.51 0.00	75.64 6.32 0.00	85.79 7.08 0.00	91.89 7.98 0.00	108.50 9.44 0.00	128.31 11.64 0.00	165.31 14.77 -0.68	222.56 18.09 -9.89	187.06 15.50 -19.32	147.81 11.47 -32.71	165.86 12.58 -39.26	163.21 15.50 0.00	176.50 15.49 0.00	106.38 9.06 0.00
BABYLON__69_KV_BK2 356345	103.07 10.73 0.00	100.58 9.97 0.00	105.78 9.98 0.00	114.27 10.33 0.00	87.33 7.63 -3.77	57.86 5.31 0.00	64.72 5.76 0.00	47.91 4.53 0.00	46.03 4.43 0.00	44.64 4.37 0.00	62.42 6.18 0.00	76.46 7.14 0.00	86.83 8.12 0.00	92.98 9.07 0.00	109.65 10.59 0.00	129.65 12.99 0.00	167.10 16.56 -0.68	224.68 20.21 -9.89	188.85 17.30 -19.32	149.23 12.89 -32.71	167.21 13.94 -39.26	164.99 17.28 0.00	178.53 17.52 0.00	107.58 10.26 0.00
BALL_HILL_WT_PWR 323825	57.99 -9.62 24.74	56.80 -9.36 24.45	59.88 -10.60 25.31	65.01 -11.57 27.37	46.08 -8.12 21.73	29.48 -5.27 17.80	34.20 -5.75 19.01	19.20 -4.91 19.27	20.96 -4.55 16.10	19.28 -4.71 16.28	30.60 -6.48 19.16	40.75 -7.81 20.76	46.67 -8.93 23.11	50.75 -9.29 23.86	62.02 -11.12 25.92	83.67 -12.93 20.06	131.95 -16.75 1.15	169.33 -19.55 5.69	137.50 -15.78 -1.05	98.33 -10.42 -5.12	108.00 -12.59 -6.58	132.46 -15.25 0.00	147.48 -13.53 0.00	91.38 -5.95 0.00
BARON_WINDS___WT_PWR 323822	-45.00 -7.62 129.72	-45.09 -7.49 128.21	-45.23 -8.32 132.70	-48.33 -8.77 143.51	-46.84 -6.24 116.54	-45.00 -4.22 93.33	-45.59 -4.87 99.68	-61.07 -3.30 101.16	-46.03 -3.17 84.46	-48.29 -3.21 85.35	-48.46 -4.16 100.54	-45.00 -5.44 108.88	-48.68 -6.64 120.75	-47.79 -6.60 125.10	-44.69 -7.82 135.93	2.37 -9.11 105.18	132.59 -11.43 5.84	152.99 -14.44 27.15	137.36 -10.99 3.89	104.92 -6.81 -8.10	115.27 -7.96 -9.21	138.43 -9.28 0.00	153.27 -7.74 0.00	94.00 -3.32 0.00
BARRETT_IC_1 23704	100.60 8.26 0.00	98.28 7.66 0.00	103.41 7.62 0.00	111.75 7.80 0.00	85.54 5.84 -3.77	56.68 4.13 0.00	63.39 4.43 0.00	46.80 3.42 0.00	44.95 3.34 0.00	43.66 3.39 0.00	61.29 5.05 0.00	75.11 5.79 0.00	85.21 6.50 0.00	90.92 7.02 0.00	107.19 8.13 0.00	126.53 9.87 0.00	162.47 11.94 -0.68	219.42 14.94 -9.89	184.66 13.11 -19.32	146.06 9.72 -32.71	163.89 10.61 -39.26	160.86 13.16 0.00	174.04 13.03 0.00	104.95 7.63 0.00
BARRETT_IC_10 23701	100.60 8.26 0.00	98.28 7.66 0.00	103.41 7.62 0.00	111.75 7.80 0.00	85.54 5.84 -3.77	56.68 4.13 0.00	63.39 4.43 0.00	46.80 3.42 0.00	44.95 3.34 0.00	43.66 3.39 0.00	61.29 5.05 0.00	75.11 5.79 0.00	85.21 6.50 0.00	90.92 7.02 0.00	107.19 8.13 0.00	126.53 9.87 0.00	162.47 11.94 -0.68	219.42 14.94 -9.89	184.66 13.11 -19.32	146.06 9.72 -32.71	163.89 10.61 -39.26	160.86 13.16 0.00	174.04 13.03 0.00	104.95 7.63 0.00
BARRETT_IC_11 23702	100.60 8.26 0.00	98.28 7.66 0.00	103.41 7.62 0.00	111.75 7.80 0.00	85.54 5.84 -3.77	56.68 4.13 0.00	63.39 4.43 0.00	46.80 3.42 0.00	44.95 3.34 0.00	43.66 3.39 0.00	61.29 5.05 0.00	75.11 5.79 0.00	85.21 6.50 0.00	90.92 7.02 0.00	107.19 8.13 0.00	126.53 9.87 0.00	162.47 11.94 -0.68	219.42 14.94 -9.89	184.66 13.11 -19.32	146.06 9.72 -32.71	163.89 10.61 -39.26	160.86 13.16 0.00	174.04 13.03 0.00	104.95 7.63 0.00
BARRETT_IC_12 23703	100.60 8.26 0.00	98.28 7.66 0.00	103.41 7.62 0.00	111.75 7.80 0.00	85.54 5.84 -3.77	56.68 4.13 0.00	63.39 4.43 0.00	46.80 3.42 0.00	44.95 3.34 0.00	43.66 3.39 0.00	61.29 5.05 0.00	75.11 5.79 0.00	85.21 6.50 0.00	90.92 7.02 0.00	107.19 8.13 0.00	126.53 9.87 0.00	162.47 11.94 -0.68	219.42 14.94 -9.89	184.66 13.11 -19.32	146.06 9.72 -32.71	163.89 10.61 -39.26	160.86 13.16 0.00	174.04 13.03 0.00	104.95 7.63 0.00
BARRETT_IC_2 23705	100.60 8.26 0.00	98.28 7.66 0.00	103.41 7.62 0.00	111.75 7.80 0.00	85.54 5.84 -3.77	56.68 4.13 0.00	63.39 4.43 0.00	46.80 3.42 0.00	44.95 3.34 0.00	43.66 3.39 0.00	61.29 5.05 0.00	75.11 5.79 0.00	85.21 6.50 0.00	90.92 7.02 0.00	107.19 8.13 0.00	126.53 9.87 0.00	162.47 11.94 -0.68	219.42 14.94 -9.89	184.66 13.11 -19.32	146.06 9.72 -32.71	163.89 10.61 -39.26	160.86 13.16 0.00	174.04 13.03 0.00	104.95 7.63 0.00
BARRETT_IC_3 23706	100.60 8.26 0.00	98.28 7.66 0.00	103.41 7.62 0.00	111.75 7.80 0.00	85.54 5.84 -3.77	56.68 4.13 0.00	63.39 4.43 0.00	46.80 3.42 0.00	44.95 3.34 0.00	43.66 3.39 0.00	61.29 5.05 0.00	75.11 5.79 0.00	85.21 6.50 0.00	90.92 7.02 0.00	107.19 8.13 0.00	126.53 9.87 0.00	162.47 11.94 -0.68	219.42 14.94 -9.89	184.66 13.11 -19.32	146.06 9.72 -32.71	163.89 10.61 -39.26	160.86 13.16 0.00	174.04 13.03 0.00	104.95 7.63 0.00
BARRETT_IC_4 23707	100.60 8.26 0.00	98.28 7.66 0.00	103.41 7.62 0.00	111.75 7.80 0.00	85.54 5.84 -3.77	56.68 4.13 0.00	63.39 4.43 0.00	46.80 3.42 0.00	44.95 3.34 0.00	43.66 3.39 0.00	61.29 5.05 0.00	75.11 5.79 0.00	85.21 6.50 0.00	90.92 7.02 0.00	107.19 8.13 0.00	126.53 9.87 0.00	162.47 11.94 -0.68	219.42 14.94 -9.89	184.66 13.11 -19.32	146.06 9.72 -32.71	163.89 10.61 -39.26	160.86 13.16 0.00	174.04 13.03 0.00	104.95 7.63 0.00

BARRETT_IC_5 23708	100.60 8.26 0.00	98.28 7.66 0.00	103.41 7.62 0.00	111.75 7.80 0.00	85.54 5.84 -3.77	56.68 4.13 0.00	63.39 4.43 0.00	46.80 3.42 0.00	44.95 3.34 0.00	43.66 3.39 0.00	61.29 5.05 0.00	75.11 5.79 0.00	85.21 6.50 0.00	90.92 7.02 0.00	107.19 8.13 0.00	126.53 9.87 0.00	162.47 11.94 -0.68	219.42 14.94 -9.89	184.66 13.11 -19.32	146.06 9.72 -32.71	163.89 10.61 -39.26	160.86 13.16 0.00	174.04 13.03 0.00	104.95 7.63 0.00
BARRETT_IC_6 23709	100.60 8.26 0.00	98.28 7.66 0.00	103.41 7.62 0.00	111.75 7.80 0.00	85.54 5.84 -3.77	56.68 4.13 0.00	63.39 4.43 0.00	46.80 3.42 0.00	44.95 3.34 0.00	43.66 3.39 0.00	61.29 5.05 0.00	75.11 5.79 0.00	85.21 6.50 0.00	90.92 7.02 0.00	107.19 8.13 0.00	126.53 9.87 0.00	162.47 11.94 -0.68	219.42 14.94 -9.89	184.66 13.11 -19.32	146.06 9.72 -32.71	163.89 10.61 -39.26	160.86 13.16 0.00	174.04 13.03 0.00	104.95 7.63 0.00
BARRETT_IC_7 23710	100.60 8.26 0.00	98.30 7.69 0.00	103.41 7.62 0.00	111.77 7.83 0.00	85.54 5.84 -3.77	56.70 4.14 0.00	63.39 4.43 0.00	46.81 3.43 0.00	44.96 3.35 0.00	43.67 3.41 0.00	61.29 5.05 0.00	75.14 5.82 0.00	85.23 6.51 0.00	90.96 7.06 0.00	107.21 8.15 0.00	126.55 9.89 0.00	162.52 11.98 -0.68	219.43 14.96 -9.89	184.63 13.08 -19.32	146.06 9.72 -32.71	163.90 10.62 -39.26	160.86 13.15 0.00	174.04 13.03 0.00	104.95 7.62 0.00
BARRETT_IC_8 23711	100.60 8.26 0.00	98.28 7.66 0.00	103.41 7.62 0.00	111.75 7.80 0.00	85.54 5.84 -3.77	56.68 4.13 0.00	63.39 4.43 0.00	46.80 3.42 0.00	44.95 3.34 0.00	43.66 3.39 0.00	61.29 5.05 0.00	75.11 5.79 0.00	85.21 6.50 0.00	90.92 7.02 0.00	107.19 8.13 0.00	126.53 9.87 0.00	162.47 11.94 -0.68	219.42 14.94 -9.89	184.66 13.11 -19.32	146.06 9.72 -32.71	163.89 10.61 -39.26	160.86 13.16 0.00	174.04 13.03 0.00	104.95 7.63 0.00
BARRETT_IC_9 23700	100.60 8.26 0.00	98.28 7.66 0.00	103.41 7.62 0.00	111.75 7.80 0.00	85.54 5.84 -3.77	56.68 4.13 0.00	63.39 4.43 0.00	46.80 3.42 0.00	44.95 3.34 0.00	43.66 3.39 0.00	61.29 5.05 0.00	75.11 5.79 0.00	85.21 6.50 0.00	90.92 7.02 0.00	107.19 8.13 0.00	126.53 9.87 0.00	162.47 11.94 -0.68	219.42 14.94 -9.89	184.66 13.11 -19.32	146.06 9.72 -32.71	163.89 10.61 -39.26	160.86 13.16 0.00	174.04 13.03 0.00	104.95 7.63 0.00
BARRETT___1 23545	100.60 8.26 0.00	98.28 7.66 0.00	103.41 7.62 0.00	111.75 7.80 0.00	85.54 5.84 -3.77	56.68 4.13 0.00	63.39 4.43 0.00	46.80 3.42 0.00	44.95 3.34 0.00	43.66 3.39 0.00	61.29 5.05 0.00	75.11 5.79 0.00	85.21 6.50 0.00	90.92 7.02 0.00	107.19 8.13 0.00	126.53 9.87 0.00	162.47 11.94 -0.68	219.42 14.94 -9.89	184.66 13.11 -19.32	146.06 9.72 -32.71	163.89 10.61 -39.26	160.86 13.16 0.00	174.04 13.03 0.00	104.95 7.63 0.00
BARRETT___2 23546	100.60 8.26 0.00	98.28 7.66 0.00	103.41 7.62 0.00	111.75 7.80 0.00	85.54 5.84 -3.77	56.68 4.13 0.00	63.39 4.43 0.00	46.80 3.42 0.00	44.95 3.34 0.00	43.66 3.39 0.00	61.29 5.05 0.00	75.11 5.79 0.00	85.21 6.50 0.00	90.92 7.02 0.00	107.19 8.13 0.00	126.53 9.87 0.00	162.47 11.94 -0.68	219.42 14.94 -9.89	184.66 13.11 -19.32	146.06 9.72 -32.71	163.89 10.61 -39.26	160.86 13.16 0.00	174.04 13.03 0.00	104.95 7.63 0.00
BATAVIA___115KV_TB1 55881	73.11 -7.04 12.19	71.66 -6.90 12.05	75.12 -8.20 12.47	81.44 -9.02 13.49	59.19 -6.27 10.48	39.85 -3.93 8.77	45.30 -4.28 9.37	30.12 -3.81 9.45	30.18 -3.53 7.91	28.34 -3.91 8.02	41.17 -5.66 9.41	52.28 -6.80 10.23	59.62 -7.69 11.40	64.34 -7.80 11.76	77.07 -9.22 12.77	95.93 -10.85 9.89	135.25 -14.04 0.57	175.26 -16.51 2.81	140.20 -13.50 -1.47	98.61 -9.33 -4.31	108.27 -11.41 -5.67	133.50 -14.20 0.00	148.16 -12.85 0.00	91.54 -5.78 0.00
BAYONEEC___CTG1 323682	99.50 7.16 0.00	97.45 6.84 0.00	102.69 6.89 0.00	110.99 7.04 0.00	85.01 5.31 -3.77	56.36 3.80 0.00	62.97 4.02 0.00	46.43 3.05 0.00	44.56 2.95 0.00	43.29 3.02 0.00	60.74 4.50 0.00	74.65 5.33 0.00	84.59 5.87 0.00	90.13 6.22 0.00	106.51 7.45 0.00	125.47 8.80 0.00	162.02 11.49 -0.68	219.47 15.00 -9.89	183.64 12.09 -19.32	144.89 8.56 -32.69	162.66 9.39 -39.25	159.08 11.37 0.00	172.40 11.39 0.00	104.00 6.68 0.00
BAYONEEC___CTG10 323750	99.50 7.16 0.00	97.45 6.84 0.00	102.69 6.89 0.00	110.99 7.04 0.00	85.01 5.31 -3.77	56.36 3.80 0.00	62.97 4.02 0.00	46.43 3.05 0.00	44.56 2.95 0.00	43.29 3.02 0.00	60.74 4.50 0.00	74.65 5.33 0.00	84.59 5.87 0.00	90.13 6.22 0.00	106.51 7.45 0.00	125.47 8.80 0.00	162.02 11.49 -0.68	219.47 15.00 -9.89	183.64 12.09 -19.32	144.89 8.56 -32.69	162.66 9.39 -39.25	159.08 11.37 0.00	172.40 11.39 0.00	104.00 6.68 0.00
BAYONEEC___CTG2 323683	99.50 7.16 0.00	97.45 6.84 0.00	102.69 6.89 0.00	110.99 7.04 0.00	85.01 5.31 -3.77	56.36 3.80 0.00	62.97 4.02 0.00	46.43 3.05 0.00	44.56 2.95 0.00	43.29 3.02 0.00	60.74 4.50 0.00	74.65 5.33 0.00	84.59 5.87 0.00	90.13 6.22 0.00	106.51 7.45 0.00	125.47 8.80 0.00	162.02 11.49 -0.68	219.47 15.00 -9.89	183.64 12.09 -19.32	144.89 8.56 -32.69	162.66 9.39 -39.25	159.08 11.37 0.00	172.40 11.39 0.00	104.00 6.68 0.00
BAYONEEC___CTG3 323684	99.50 7.16 0.00	97.45 6.84 0.00	102.69 6.89 0.00	110.99 7.04 0.00	85.01 5.31 -3.77	56.36 3.80 0.00	62.97 4.02 0.00	46.43 3.05 0.00	44.56 2.95 0.00	43.29 3.02 0.00	60.74 4.50 0.00	74.65 5.33 0.00	84.59 5.87 0.00	90.13 6.22 0.00	106.51 7.45 0.00	125.47 8.80 0.00	162.02 11.49 -0.68	219.47 15.00 -9.89	183.64 12.09 -19.32	144.89 8.56 -32.69	162.66 9.39 -39.25	159.08 11.37 0.00	172.40 11.39 0.00	104.00 6.68 0.00
BAYONEEC___CTG4 323685	99.50 7.16 0.00	97.45 6.84 0.00	102.69 6.89 0.00	110.99 7.04 0.00	85.01 5.31 -3.77	56.36 3.80 0.00	62.97 4.02 0.00	46.43 3.05 0.00	44.56 2.95 0.00	43.29 3.02 0.00	60.74 4.50 0.00	74.65 5.33 0.00	84.59 5.87 0.00	90.13 6.22 0.00	106.51 7.45 0.00	125.47 8.80 0.00	162.02 11.49 -0.68	219.47 15.00 -9.89	183.64 12.09 -19.32	144.89 8.56 -32.69	162.66 9.39 -39.25	159.08 11.37 0.00	172.40 11.39 0.00	104.00 6.68 0.00
BAYONEEC___CTG5 323686	99.50 7.16 0.00	97.45 6.84 0.00	102.69 6.89 0.00	110.99 7.04 0.00	85.01 5.31 -3.77	56.36 3.80 0.00	62.97 4.02 0.00	46.43 3.05 0.00	44.56 2.95 0.00	43.29 3.02 0.00	60.74 4.50 0.00	74.65 5.33 0.00	84.59 5.87 0.00	90.13 6.22 0.00	106.51 7.45 0.00	125.47 8.80 0.00	162.02 11.49 -0.68	219.47 15.00 -9.89	183.64 12.09 -19.32	144.89 8.56 -32.69	162.66 9.39 -39.25	159.08 11.37 0.00	172.40 11.39 0.00	104.00 6.68 0.00
BAYONEEC___CTG6 323687	99.50 7.16 0.00	97.45 6.84 0.00	102.69 6.89 0.00	110.99 7.04 0.00	85.01 5.31 -3.77	56.36 3.80 0.00	62.97 4.02 0.00	46.43 3.05 0.00	44.56 2.95 0.00	43.29 3.02 0.00	60.74 4.50 0.00	74.65 5.33 0.00	84.59 5.87 0.00	90.13 6.22 0.00	106.51 7.45 0.00	125.47 8.80 0.00	162.02 11.49 -0.68	219.47 15.00 -9.89	183.64 12.09 -19.32	144.89 8.56 -32.69	162.66 9.39 -39.25	159.08 11.37 0.00	172.40 11.39 0.00	104.00 6.68 0.00

BAYONEEC___CTG7 323688	99.50 7.16 0.00	97.45 6.84 0.00	102.69 6.89 0.00	110.99 7.04 0.00	85.01 5.31 -3.77	56.36 3.80 0.00	62.97 4.02 0.00	46.43 3.05 0.00	44.56 2.95 0.00	43.29 3.02 0.00	60.74 4.50 0.00	74.65 5.33 0.00	84.59 5.87 0.00	90.13 6.22 0.00	106.51 7.45 0.00	125.47 8.80 0.00	162.02 11.49 -0.68	219.47 15.00 -9.89	183.64 12.09 -19.32	144.89 8.56 -32.69	162.66 9.39 -39.25	159.08 11.37 0.00	172.40 11.39 0.00	104.00 6.68 0.00
BAYONEEC___CTG8 323689	99.50 7.16 0.00	97.45 6.84 0.00	102.69 6.89 0.00	110.99 7.04 0.00	85.01 5.31 -3.77	56.36 3.80 0.00	62.97 4.02 0.00	46.43 3.05 0.00	44.56 2.95 0.00	43.29 3.02 0.00	60.74 4.50 0.00	74.65 5.33 0.00	84.59 5.87 0.00	90.13 6.22 0.00	106.51 7.45 0.00	125.47 8.80 0.00	162.02 11.49 -0.68	219.47 15.00 -9.89	183.64 12.09 -19.32	144.89 8.56 -32.69	162.66 9.39 -39.25	159.08 11.37 0.00	172.40 11.39 0.00	104.00 6.68 0.00
BAYONEEC___CTG9 323749	99.50 7.16 0.00	97.45 6.84 0.00	102.69 6.89 0.00	110.99 7.04 0.00	85.01 5.31 -3.77	56.36 3.80 0.00	62.97 4.02 0.00	46.43 3.05 0.00	44.56 2.95 0.00	43.29 3.02 0.00	60.74 4.50 0.00	74.65 5.33 0.00	84.59 5.87 0.00	90.13 6.22 0.00	106.51 7.45 0.00	125.47 8.80 0.00	162.02 11.49 -0.68	219.47 15.00 -9.89	183.64 12.09 -19.32	144.89 8.56 -32.69	162.66 9.39 -39.25	159.08 11.37 0.00	172.40 11.39 0.00	104.00 6.68 0.00
BEACON___LESR 323632	97.77 5.43 0.00	95.85 5.24 0.00	101.21 5.42 0.00	109.97 6.03 0.00	85.28 4.42 -4.93	55.62 3.07 0.00	62.24 3.28 0.00	45.76 2.38 0.00	43.78 2.18 0.00	42.42 2.16 0.00	59.45 3.22 0.00	73.26 3.94 0.00	83.24 4.52 0.00	88.75 4.84 0.00	105.07 6.01 0.00	123.63 6.97 0.00	162.47 8.81 -3.81	261.45 11.69 -55.18	226.06 9.35 -64.47	206.31 6.51 -96.16	206.03 7.01 -85.01	156.17 8.47 0.00	169.64 8.64 0.00	102.70 5.37 0.00
BEAVER RIVER___HYD 24048	88.92 -3.42 0.00	87.30 -3.31 0.00	92.17 -3.63 0.00	99.94 -4.01 0.00	73.09 -2.99 -0.14	50.57 -1.99 0.00	57.11 -1.84 0.00	42.42 -0.96 0.00	40.77 -0.84 0.00	40.11 -0.16 0.00	56.68 0.45 0.00	70.21 0.89 0.00	79.61 0.89 0.00	84.91 1.01 0.00	100.24 1.18 0.00	118.30 1.63 0.00	153.07 3.22 0.00	199.76 5.19 0.00	156.15 3.92 0.00	106.35 2.59 -0.12	117.09 2.49 -0.58	150.46 2.75 0.00	163.50 2.49 0.00	98.30 0.97 0.00
BEEBEE_GT_13 23619	86.31 -6.04 0.00	84.71 -5.91 0.00	88.92 -6.87 0.00	96.41 -7.54 0.00	71.12 -5.30 -0.48	49.18 -3.37 0.00	55.21 -3.74 0.00	40.27 -3.11 0.00	38.72 -2.89 0.00	37.24 -3.02 0.00	52.09 -4.15 0.00	64.33 -4.99 0.00	73.02 -5.70 -0.01	78.00 -5.91 0.00	92.01 -7.05 0.00	108.28 -8.38 0.00	139.04 -10.81 0.00	181.64 -12.94 0.00	141.70 -10.53 0.00	96.81 -7.22 -0.39	107.27 -8.75 -2.00	136.55 -11.16 0.00	150.49 -10.52 0.00	92.28 -5.04 0.00
BENSHRST_27_KV_BENSHRST_1 355998	101.03 8.69 0.00	98.91 8.30 0.00	104.21 8.42 0.00	112.52 8.57 0.00	86.19 6.49 -3.77	75.54 4.69 -18.30	75.79 5.02 -11.81	76.43 3.81 -29.24	78.93 3.66 -33.67	80.25 3.74 -36.25	78.84 5.48 -17.12	127.44 6.57 -51.55	103.83 7.30 -17.82	124.87 7.58 -33.39	108.07 9.01 0.00	127.20 10.54 0.00	347.02 14.11 -183.06	781.44 18.65 -568.22	315.25 15.05 -147.97	295.20 10.58 -180.99	314.27 11.65 -188.61	308.14 14.26 -146.18	192.10 14.37 -16.72	114.11 8.44 -8.35
BETHLEHEM___GRP 23843	96.06 3.72 0.00	94.29 3.67 0.00	99.63 3.84 0.00	108.12 4.17 0.00	84.03 3.16 -4.93	54.70 2.14 0.00	61.16 2.20 0.00	44.99 1.61 0.00	43.04 1.43 0.00	41.72 1.45 0.00	58.34 2.11 0.00	71.87 2.55 0.00	81.70 2.98 0.00	87.13 3.23 0.00	103.00 3.94 0.00	121.12 4.46 0.00	159.22 5.64 -3.74	256.02 7.38 -54.06	221.67 6.00 -63.44	202.61 4.22 -94.76	202.74 4.59 -84.14	153.29 5.58 0.00	166.62 5.61 0.00	101.01 3.70 0.00
BETHLEHEM___GS1 323560	96.07 3.72 0.00	94.29 3.68 0.00	99.62 3.83 0.00	108.12 4.17 0.00	84.02 3.16 -4.93	54.70 2.15 0.00	61.16 2.20 0.00	44.99 1.61 0.00	43.05 1.44 0.00	41.71 1.45 0.00	58.35 2.11 0.00	71.87 2.55 0.00	81.68 2.97 0.00	87.12 3.22 0.00	103.00 3.94 0.00	121.12 4.46 0.00	159.23 5.65 -3.74	256.01 7.38 -54.06	221.68 6.01 -63.44	202.63 4.23 -94.76	202.78 4.62 -84.14	153.29 5.58 0.00	166.62 5.61 0.00	101.01 3.70 0.00
BETHLEHEM___GS2 323561	96.07 3.72 0.00	94.29 3.68 0.00	99.62 3.83 0.00	108.12 4.17 0.00	84.02 3.16 -4.93	54.70 2.15 0.00	61.16 2.20 0.00	44.99 1.61 0.00	43.05 1.44 0.00	41.71 1.45 0.00	58.35 2.11 0.00	71.87 2.55 0.00	81.68 2.97 0.00	87.12 3.22 0.00	103.00 3.94 0.00	121.12 4.46 0.00	159.23 5.65 -3.74	256.01 7.38 -54.06	221.68 6.01 -63.44	202.63 4.23 -94.76	202.78 4.62 -84.14	153.29 5.58 0.00	166.62 5.61 0.00	101.01 3.70 0.00
BETHLEHEM___GS3 323562	96.07 3.72 0.00	94.29 3.68 0.00	99.62 3.83 0.00	108.12 4.17 0.00	84.02 3.16 -4.93	54.70 2.15 0.00	61.16 2.20 0.00	44.99 1.61 0.00	43.05 1.44 0.00	41.71 1.45 0.00	58.35 2.11 0.00	71.87 2.55 0.00	81.68 2.97 0.00	87.12 3.22 0.00	103.00 3.94 0.00	121.12 4.46 0.00	159.23 5.65 -3.74	256.01 7.38 -54.06	221.68 6.01 -63.44	202.63 4.23 -94.76	202.78 4.62 -84.14	153.29 5.58 0.00	166.62 5.61 0.00	101.01 3.70 0.00
BETHLEHEM___STEEL 23779	60.09 -9.24 23.01	58.96 -8.91 22.74	61.98 -10.27 23.54	67.25 -11.24 25.46	47.87 -7.89 20.17	30.92 -5.07 16.56	35.62 -5.66 17.68	20.57 -4.89 17.91	22.10 -4.54 14.97	20.43 -4.70 15.14	31.83 -6.59 17.81	42.07 -7.93 19.31	48.08 -9.13 21.50	52.21 -9.50 22.19	63.55 -11.39 24.11	84.59 -13.41 18.66	131.34 -17.44 1.07	168.31 -20.98 5.30	136.58 -16.81 -1.16	97.55 -11.20 -5.12	107.21 -13.38 -6.58	131.35 -16.35 0.00	146.36 -14.65 0.00	90.79 -6.53 0.00
BETHLHEM_115KV_TB1 79974	95.99 3.64 0.00	94.20 3.59 0.00	99.57 3.77 0.00	108.08 4.14 0.00	83.98 3.12 -4.93	54.67 2.11 0.00	61.11 2.15 0.00	44.97 1.59 0.00	43.03 1.42 0.00	41.70 1.44 0.00	58.32 2.08 0.00	71.83 2.51 0.00	81.66 2.95 0.00	87.08 3.18 0.00	102.94 3.88 0.00	121.10 4.44 0.00	158.97 5.56 -3.56	253.38 7.27 -51.53	219.27 5.96 -61.08	199.35 4.17 -91.54	200.67 4.55 -82.10	153.21 5.50 0.00	166.60 5.59 0.00	100.93 3.61 0.00
BETHPAGE_CC_5 323564	101.09 8.74 0.00	98.76 8.14 0.00	103.93 8.14 0.00	112.29 8.34 0.00	85.93 6.23 -3.77	56.95 4.40 0.00	63.72 4.76 0.00	47.07 3.69 0.00	45.20 3.59 0.00	43.84 3.57 0.00	61.40 5.16 0.00	75.23 5.91 0.00	85.37 6.66 0.00	91.30 7.39 0.00	107.78 8.72 0.00	127.29 10.63 0.00	163.84 13.31 -0.68	220.86 16.39 -9.89	185.60 14.05 -19.32	146.71 10.37 -32.71	164.69 11.42 -39.26	161.84 14.13 0.00	175.13 14.12 0.00	105.57 8.24 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	61.99 -8.77 21.58	60.90 -8.38 21.33	63.99 -9.73 22.08	69.43 -10.64 23.88	49.62 -7.44 18.87	32.26 -4.76 15.53	37.05 -5.32 16.58	21.93 -4.66 16.80	23.27 -4.30 14.04	21.64 -4.43 14.20	33.31 -6.22 16.71	43.76 -7.44 18.11	49.94 -8.60 20.17	54.17 -8.92 20.81	65.69 -10.75 22.62	86.54 -12.62 17.50	132.39 -16.46 1.00	169.87 -19.74 4.97	137.62 -15.91 -1.30	98.30 -10.53 -5.19	108.11 -12.59 -6.69	132.40 -15.30 0.00	147.44 -13.57 0.00	91.33 -5.99 0.00

BINGHAMTON___COGEN 23790	91.01 -1.34 0.00	89.35 -1.27 0.00	94.24 -1.55 0.00	102.36 -1.59 0.00	76.10 -1.10 -1.26	51.83 -0.73 0.00	57.95 -1.00 0.00	42.79 -0.59 0.00	41.12 -0.49 0.00	39.79 -0.48 0.00	55.75 -0.49 0.00	68.66 -0.66 0.00	77.80 -0.89 0.02	83.04 -0.86 0.00	98.13 -0.92 0.00	115.49 -1.17 0.00	148.45 -1.70 -0.30	197.18 -1.75 -4.35	158.70 -1.13 -7.60	115.57 -0.62 -12.56	127.14 -1.06 -14.18	146.41 -1.30 0.00	160.17 -0.84 0.00	96.94 -0.38 0.00
BIXINCNT_115KV_LOAD 355685	68.58 -9.77 14.00	68.34 -8.44 13.83	72.05 -9.43 14.32	78.74 -9.72 15.48	57.24 -6.73 11.96	38.24 -4.25 10.07	43.40 -4.80 10.75	28.09 -4.40 10.89	28.65 -3.86 9.10	27.15 -3.91 9.21	40.06 -5.35 10.83	51.28 -6.30 11.75	57.92 -7.69 13.10	62.50 -7.90 13.50	74.97 -9.43 14.66	94.29 -11.03 11.35	135.04 -14.16 0.65	173.08 -18.27 3.22	139.17 -15.06 -2.00	100.64 -8.55 -5.56	111.83 -9.38 -7.19	137.01 -10.70 0.00	152.55 -8.46 0.00	93.95 -3.37 0.00
BLACK RIVER___HYD 24047	89.19 -3.16 0.00	87.51 -3.10 0.00	92.27 -3.52 0.00	100.15 -3.80 0.00	73.36 -2.78 -0.20	50.67 -1.89 0.00	57.19 -1.76 0.00	42.56 -0.82 0.00	40.92 -0.69 0.00	40.49 0.23 0.00	57.37 1.13 0.00	71.03 1.71 0.00	80.48 1.77 0.00	85.89 1.99 0.00	101.32 2.27 0.00	119.35 2.69 0.00	154.95 5.10 0.00	202.86 8.28 0.00	158.58 6.35 0.00	108.01 4.21 -0.16	118.97 4.14 -0.81	152.34 4.63 0.00	165.40 4.39 0.00	99.36 2.04 0.00
BLACKRVR_115KV_TB2 79977	89.19 -3.15 0.00	87.51 -3.10 0.00	92.27 -3.52 0.00	100.15 -3.80 0.00	73.36 -2.78 -0.20	50.67 -1.89 0.00	57.19 -1.76 0.00	42.56 -0.82 0.00	40.92 -0.69 0.00	40.49 0.23 0.00	57.37 1.13 0.00	71.02 1.71 0.00	80.46 1.75 0.00	85.88 1.98 0.00	101.31 2.25 0.00	119.34 2.67 0.00	154.94 5.09 0.00	202.86 8.28 0.00	158.61 6.37 0.00	108.02 4.22 -0.16	118.96 4.14 -0.81	152.36 4.65 0.00	165.40 4.39 0.00	99.36 2.04 0.00
BLISS_WT_PWR 323608	67.68 -10.67 14.00	67.68 -9.09 13.83	71.52 -9.96 14.32	78.30 -10.16 15.48	56.97 -7.00 11.96	38.06 -4.42 10.07	43.24 -4.96 10.75	28.02 -4.47 10.89	28.63 -3.88 9.10	26.97 -4.08 9.21	40.00 -5.40 10.83	51.09 -6.48 11.75	57.60 -8.01 13.10	62.17 -8.24 13.50	74.62 -9.77 14.66	93.95 -11.36 11.35	134.60 -14.60 0.65	172.41 -18.95 3.22	138.43 -15.81 -2.00	100.54 -8.66 -5.56	111.93 -9.28 -7.19	137.26 -10.45 0.00	152.80 -8.20 0.00	94.11 -3.21 0.00
BLUESTONE___WT_PWR 323821	90.21 -2.14 0.00	88.82 -1.79 0.00	94.90 -0.89 0.00	101.84 -2.11 0.00	75.79 -1.51 -1.37	51.28 -1.27 0.00	57.55 -1.40 0.00	42.90 -0.48 0.00	41.34 -0.27 0.00	40.20 -0.07 0.00	56.10 -0.14 0.00	69.03 -0.29 0.00	78.64 -0.06 0.01	84.06 0.16 0.00	100.04 0.98 0.00	117.72 1.05 0.00	152.21 1.81 -0.56	207.08 4.45 -8.05	167.93 3.84 -11.85	125.95 3.63 -18.69	136.92 4.05 -18.85	154.06 6.35 0.00	169.12 8.12 0.00	102.01 4.69 0.00
BLUE_CIRC_CHEM_DRP 24182	96.23 3.89 0.00	94.52 3.91 0.00	99.89 4.10 0.00	108.52 4.58 0.00	84.18 3.40 -4.84	54.85 2.30 0.00	61.35 2.39 0.00	45.12 1.74 0.00	43.18 1.57 0.00	41.75 1.49 0.00	58.35 2.11 0.00	71.87 2.55 0.00	81.67 2.96 0.00	87.15 3.25 0.00	103.05 3.99 0.00	121.25 4.59 0.00	158.51 5.83 -2.83	243.13 7.60 -40.94	209.46 6.22 -51.01	185.65 4.34 -77.67	191.70 4.76 -72.91	153.58 5.88 0.00	167.07 6.06 0.00	101.27 3.94 0.00
BOC_GAS_DRP 24189	95.54 3.20 0.00	93.81 3.19 0.00	99.13 3.33 0.00	107.65 3.70 0.00	83.62 2.78 -4.91	54.40 1.85 0.00	60.81 1.86 0.00	44.76 1.38 0.00	42.88 1.27 0.00	41.54 1.27 0.00	58.08 1.84 0.00	71.54 2.22 0.00	81.28 2.56 0.00	86.66 2.75 0.00	102.42 3.36 0.00	120.47 3.81 0.00	157.28 4.85 -2.59	238.35 6.27 -37.49	205.44 5.22 -47.98	181.02 3.72 -73.66	188.82 4.07 -70.73	152.62 4.91 0.00	165.99 4.98 0.00	100.49 3.17 0.00
BOONVILLE_115KV_TB1 79983	92.46 0.12 0.00	90.79 0.18 0.00	95.82 0.02 0.00	103.97 0.02 0.00	76.08 0.03 -0.12	52.62 0.07 0.00	59.23 0.28 0.00	43.87 0.49 0.00	42.14 0.53 0.00	41.08 0.81 0.00	57.74 1.50 0.00	71.35 2.03 0.00	80.92 2.20 0.00	86.35 2.44 0.00	102.03 2.97 0.00	120.37 3.71 0.00	155.17 5.32 0.00	201.89 7.31 0.00	157.95 5.72 0.00	107.59 3.85 -0.10	118.43 3.91 -0.50	152.45 4.74 0.00	165.76 4.75 0.00	99.93 2.61 0.00
BORALEX_4TH_BRANCH 23824	98.58 6.23 0.00	96.78 6.16 0.00	102.22 6.43 0.00	110.88 6.93 0.00	86.08 5.26 -4.89	56.18 3.63 0.00	62.89 3.93 0.00	46.37 2.98 0.00	44.28 2.67 0.00	42.82 2.55 0.00	59.60 3.37 0.00	73.42 4.10 0.00	83.71 5.00 0.00	89.27 5.36 0.00	105.82 6.76 0.00	124.56 7.90 0.00	164.56 9.71 -5.00	279.58 12.62 -72.39	242.84 10.18 -80.42	228.64 7.15 -117.85	220.46 7.90 -98.55	157.40 9.69 0.00	170.86 9.85 0.00	103.49 6.17 0.00
BOWLINE___1 23526	98.37 6.03 0.00	96.36 5.74 0.00	101.56 5.76 0.00	109.85 5.90 0.00	84.04 4.46 -3.65	55.74 3.19 0.00	62.28 3.33 0.00	45.92 2.54 0.00	44.05 2.45 0.00	42.77 2.51 0.00	59.92 3.68 0.00	73.66 4.34 0.00	83.52 4.81 0.00	89.02 5.12 0.00	105.26 6.20 0.00	124.03 7.37 0.00	160.30 9.79 -0.66	217.17 12.98 -9.61	181.65 10.67 -18.75	142.90 7.54 -31.73	160.33 8.24 -38.07	157.65 9.94 0.00	171.02 10.01 0.00	103.14 5.82 0.00
BOWLINE___2 23595	98.25 5.91 0.00	96.24 5.62 0.00	101.44 5.65 0.00	109.69 5.74 0.00	83.93 4.35 -3.65	55.68 3.13 0.00	62.20 3.25 0.00	45.86 2.48 0.00	43.99 2.38 0.00	42.71 2.44 0.00	59.84 3.60 0.00	73.56 4.23 0.00	83.42 4.71 0.00	88.89 4.99 0.00	105.12 6.06 0.00	123.90 7.24 0.00	160.06 9.54 -0.66	216.92 12.73 -9.61	181.43 10.44 -18.75	142.78 7.41 -31.73	160.16 8.07 -38.07	157.39 9.69 0.00	170.74 9.73 0.00	102.98 5.66 0.00
BRADY___115KV_TB2 356060	92.64 0.30 0.00	90.88 0.27 0.00	96.44 0.65 0.00	104.58 0.63 0.00	76.23 0.30 0.00	52.83 0.28 0.00	59.61 0.65 0.00	43.75 0.36 0.00	42.00 0.39 0.00	40.61 0.34 0.00	56.52 0.28 0.00	69.77 0.45 0.00	79.19 0.48 0.00	84.29 0.39 0.00	98.89 -0.17 0.00	116.75 0.09 0.00	150.52 0.67 0.00	195.40 0.82 0.00	152.41 0.17 0.00	103.62 -0.01 0.00	114.29 0.27 0.00	148.23 0.52 0.00	161.86 0.85 0.00	97.45 0.12 0.00
BRANSCOMB___SOLAR 323811	98.24 5.90 0.00	96.40 5.79 0.00	101.69 5.90 0.00	110.19 6.24 0.00	85.67 4.69 -5.05	55.77 3.22 0.00	62.50 3.55 0.00	46.12 2.73 0.00	44.19 2.58 0.00	42.74 2.48 0.00	59.65 3.41 0.00	73.45 4.13 0.00	83.66 4.95 0.00	89.17 5.27 0.00	105.62 6.56 0.00	124.51 7.86 0.00	166.81 10.24 -6.72	305.33 13.56 -97.20	267.00 10.91 -103.85	261.22 7.57 -150.01	241.76 8.17 -119.57	157.68 9.97 0.00	171.05 10.04 0.00	103.30 5.97 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	102.81 10.47 0.00	100.39 9.78 0.00	105.59 9.79 0.00	114.05 10.10 0.00	87.15 7.45 -3.77	57.70 5.15 0.00	64.47 5.51 0.00	47.77 4.39 0.00	45.95 4.34 0.00	44.56 4.29 0.00	62.29 6.06 0.00	76.29 6.97 0.00	86.66 7.95 0.00	92.84 8.93 0.00	109.27 10.21 0.00	128.94 12.28 0.00	165.86 15.33 -0.68	222.46 17.99 -9.89	187.18 15.62 -19.32	148.57 12.23 -32.71	166.24 12.96 -39.26	163.78 16.07 0.00	177.62 16.61 0.00	107.27 9.96 0.00



BRISTLHL_115KV_TB1 79998	89.03 -3.32 0.00	87.30 -3.31 0.00	92.15 -3.64 0.00	100.00 -3.95 0.00	73.44 -2.81 -0.31	50.61 -1.94 0.00	56.80 -2.16 0.00	41.86 -1.52 0.00	40.21 -1.40 0.00	38.94 -1.33 0.00	54.41 -1.83 0.00	67.04 -2.28 0.00	76.12 -2.60 0.00	81.22 -2.68 0.00	95.96 -3.10 0.00	112.93 -3.74 0.00	145.04 -4.81 0.00	188.79 -5.79 0.00	147.73 -4.50 0.00	100.81 -3.08 -0.25	111.62 -3.67 -1.27	142.76 -4.95 0.00	155.66 -5.35 0.00	94.23 -3.10 0.00
BROOKHAVEN___DRP 24191	102.55 10.21 0.00	100.06 9.45 0.00	105.21 9.41 0.00	113.65 9.70 0.00	86.88 7.18 -3.77	57.58 5.02 0.00	64.46 5.51 0.00	47.71 4.33 0.00	45.82 4.21 0.00	44.42 4.16 0.00	61.97 5.73 0.00	75.78 6.46 0.00	86.16 7.45 0.00	92.37 8.47 0.00	109.06 10.00 0.00	129.33 12.67 0.00	166.95 16.42 -0.68	223.39 18.92 -9.89	187.87 16.31 -19.32	148.97 12.63 -32.71	166.99 13.71 -39.26	164.56 16.85 0.00	177.79 16.79 0.00	107.01 9.69 0.00
BROOKLYN_NAVY_YARD 23515	99.35 7.01 0.00	97.32 6.71 0.00	102.51 6.72 0.00	110.78 6.84 0.00	84.85 5.15 -3.77	56.27 3.72 0.00	62.87 3.92 0.00	46.36 2.98 0.00	44.50 2.89 0.00	43.22 2.96 0.00	60.65 4.42 0.00	74.55 5.23 0.00	84.49 5.78 0.00	90.05 6.14 0.00	106.46 7.40 0.00	125.36 8.69 0.00	162.00 11.47 -0.68	219.49 15.02 -9.89	183.66 12.10 -19.32	144.90 8.57 -32.69	162.66 9.40 -39.25	158.96 11.25 0.00	172.22 11.21 0.00	103.86 6.54 0.00
BROOKLYN___ARMY_DRP 323595	100.49 8.15 0.00	98.42 7.81 0.00	103.73 7.94 0.00	111.99 8.04 0.00	85.81 6.11 -3.77	75.29 4.43 -18.30	75.49 4.72 -11.81	76.19 3.57 -29.24	78.71 3.43 -33.67	80.03 3.51 -36.25	78.51 5.15 -17.12	127.02 6.15 -51.55	103.36 6.83 -17.82	124.36 7.07 -33.39	107.47 8.42 0.00	126.48 9.82 0.00	346.08 13.17 -183.06	780.14 17.35 -568.22	314.23 14.03 -147.97	294.52 9.89 -180.99	313.51 10.89 -188.61	307.19 13.31 -146.18	191.08 13.35 -16.72	113.53 7.86 -8.35
BROOKVLE_69_KV_TB1 55790	101.03 8.68 0.00	98.76 8.15 0.00	103.98 8.19 0.00	112.43 8.48 0.00	86.04 6.34 -3.77	57.03 4.47 0.00	63.78 4.83 0.00	47.09 3.71 0.00	45.22 3.61 0.00	43.89 3.63 0.00	61.53 5.29 0.00	75.56 6.24 0.00	85.68 6.96 0.00	91.44 7.54 0.00	108.02 8.96 0.00	127.44 10.78 0.00	163.89 13.35 -0.68	221.49 17.02 -9.89	185.76 14.21 -19.32	146.60 10.25 -32.71	164.49 11.21 -39.26	161.48 13.77 0.00	175.25 14.24 0.00	105.66 8.34 0.00
BROOME_2_LFGE 323671	91.00 -1.35 0.00	89.33 -1.29 0.00	94.22 -1.57 0.00	102.34 -1.60 0.00	76.09 -1.10 -1.26	51.82 -0.73 0.00	57.94 -1.01 0.00	42.79 -0.59 0.00	41.11 -0.49 0.00	39.78 -0.48 0.00	55.76 -0.48 0.00	68.64 -0.68 0.00	77.79 -0.90 0.02	83.02 -0.94 0.00	98.12 -0.94 0.00	115.48 -1.18 0.00	148.45 -1.70 -0.30	197.19 -1.73 -4.35	158.67 -1.17 -7.60	115.57 -0.62 -12.56	127.14 -1.06 -14.18	146.40 -1.30 0.00	160.15 -0.86 0.00	96.93 -0.39 0.00
BROOME___LFGE 323600	91.00 -1.35 0.00	89.33 -1.29 0.00	94.22 -1.57 0.00	102.34 -1.60 0.00	76.09 -1.10 -1.26	51.82 -0.73 0.00	57.94 -1.01 0.00	42.79 -0.59 0.00	41.11 -0.49 0.00	39.78 -0.48 0.00	55.76 -0.48 0.00	68.64 -0.68 0.00	77.79 -0.90 0.02	83.02 -0.89 0.00	98.12 -0.94 0.00	115.48 -1.18 0.00	148.45 -1.70 -0.30	197.19 -1.73 -4.35	158.67 -1.17 -7.60	115.57 -0.62 -12.56	127.14 -1.06 -14.18	146.40 -1.30 0.00	160.15 -0.86 0.00	96.93 -0.39 0.00
BROWNFLS_115KV_TB_3_5 80003	88.63 -3.72 0.00	87.00 -3.62 0.00	92.12 -3.67 0.00	99.85 -4.09 0.00	72.96 -3.08 -0.10	50.47 -2.09 0.00	56.99 -1.96 0.00	42.12 -1.26 0.00	40.47 -1.14 0.00	39.53 -0.73 0.00	55.54 -0.69 0.00	68.71 -0.61 0.00	77.96 -0.75 0.00	83.08 -0.82 0.00	97.91 -1.15 0.00	115.50 -1.16 0.00	149.13 -0.72 0.00	194.17 -0.41 0.00	151.69 -0.55 0.00	103.26 -0.45 -0.08	113.86 -0.57 -0.41	146.73 -0.98 0.00	159.74 -1.27 0.00	96.06 -1.26 0.00
BROWNSV1_27_KV_LOAD 356125	100.59 8.24 0.00	98.49 7.88 0.00	103.74 7.95 0.00	112.13 8.18 0.00	85.81 6.11 -3.77	56.91 4.35 0.00	63.60 4.64 0.00	46.92 3.54 0.00	45.03 3.42 0.00	43.75 3.49 0.00	61.42 5.18 0.00	75.52 6.20 0.00	85.59 6.88 0.00	91.21 7.30 0.00	107.80 8.74 0.00	127.01 10.35 0.00	164.08 13.55 -0.68	222.20 17.74 -9.89	185.81 14.26 -19.32	146.36 10.03 -32.69	164.24 10.97 -39.25	161.04 13.34 0.00	174.51 13.50 0.00	105.18 7.86 0.00
BURROWS___LYONSDAL 23803	91.41 -0.94 0.00	89.76 -0.85 0.00	94.74 -1.05 0.00	102.74 -1.21 0.00	75.17 -0.89 -0.13	52.02 -0.53 0.00	58.61 -0.34 0.00	43.47 0.08 0.00	41.77 0.16 0.00	40.82 0.55 0.00	57.50 1.26 0.00	71.12 1.80 0.00	80.64 1.92 0.00	86.05 2.15 0.00	101.66 2.60 0.00	120.00 3.34 0.00	154.78 4.93 0.00	201.55 6.97 0.00	157.65 5.41 0.00	107.38 3.65 -0.10	118.22 3.68 -0.51	152.06 4.36 0.00	165.42 4.41 0.00	99.62 2.30 0.00
CAITHNESS_CC_1 323624	102.30 9.96 0.00	99.81 9.20 0.00	104.93 9.14 0.00	113.34 9.39 0.00	86.68 6.98 -3.77	57.42 4.87 0.00	64.30 5.34 0.00	47.58 4.20 0.00	44.30 4.09 0.00	61.85 5.61 0.00	75.64 6.32 0.00	85.99 7.28 0.00	92.15 8.24 0.00	108.82 9.76 0.00	128.97 12.31 0.00	166.40 15.87 -0.68	222.83 18.36 -9.89	187.44 15.89 -19.32	148.56 12.21 -32.71	166.57 13.30 -39.26	164.05 16.34 0.00	177.29 16.28 0.00	106.73 9.41 0.00	
CALPINE BETH_PAGE_GT4 24209	101.03 8.68 0.00	98.68 8.07 0.00	103.87 8.08 0.00	112.22 8.27 0.00	85.86 6.16 -3.77	56.91 4.36 0.00	63.67 4.71 0.00	47.05 3.67 0.00	45.18 3.57 0.00	43.83 3.57 0.00	61.36 5.13 0.00	75.22 5.90 0.00	85.31 6.60 0.00	91.24 7.34 0.00	107.70 8.64 0.00	127.21 10.55 0.00	163.78 13.24 -0.68	220.83 16.36 -9.89	185.49 13.93 -19.32	146.66 10.32 -32.71	164.64 11.36 -39.26	161.70 13.99 0.00	174.95 13.94 0.00	105.46 8.14 0.00
CALPINE_BETH_PAGE_GT_4 323586	101.03 8.68 0.00	98.68 8.06 0.00	103.81 8.02 0.00	112.17 8.22 0.00	85.86 6.16 -3.77	56.91 4.35 0.00	63.66 4.71 0.00	47.04 3.66 0.00	45.17 3.56 0.00	43.82 3.55 0.00	61.36 5.12 0.00	75.21 5.88 0.00	85.29 6.58 0.00	91.22 7.31 0.00	107.68 8.62 0.00	127.17 10.51 0.00	163.75 13.21 -0.68	220.83 16.36 -9.89	185.53 13.98 -19.32	146.66 10.32 -32.71	164.66 11.38 -39.26	161.71 14.00 0.00	174.97 13.96 0.00	105.46 8.14 0.00
CALPINE_BP_GT1 23823	101.03 8.68 0.00	98.68 8.06 0.00	103.81 8.02 0.00	112.17 8.22 0.00	85.86 6.16 -3.77	56.91 4.35 0.00	63.66 4.71 0.00	47.04 3.66 0.00	45.17 3.56 0.00	43.82 3.55 0.00	61.36 5.12 0.00	75.21 5.88 0.00	85.29 6.58 0.00	91.22 7.31 0.00	107.68 8.62 0.00	127.17 10.51 0.00	163.75 13.21 -0.68	220.83 16.36 -9.89	185.53 13.98 -19.32	146.66 10.32 -32.71	164.66 11.38 -39.26	161.71 14.00 0.00	174.97 13.96 0.00	105.46 8.14 0.00
CALSPAN___DRP 24200	60.09 -9.24 23.01	58.96 -8.91 22.74	61.98 -10.27 23.54	67.25 -11.24 25.46	47.87 -7.89 20.17	30.92 -5.07 16.56	35.62 -5.66 17.68	20.57 -4.89 17.91	22.10 -4.54 14.97	20.43 -4.70 15.14	31.83 -6.59 17.81	42.07 -7.93 19.31	48.08 -9.13 21.50	52.21 -9.50 22.19	63.55 -11.39 24.11	84.59 -13.41 18.66	131.34 -17.44 1.07	168.31 -20.98 5.30	136.58 -16.81 -1.16	97.55 -11.20 -5.12	107.21 -13.38 -6.58	131.35 -16.35 0.00	146.36 -14.65 0.00	90.79 -6.53 0.00

CALVERTON___SOLAR 323806	102.82 10.47 0.00	100.28 9.67 0.00	105.44 9.65 0.00	113.87 9.92 0.00	87.06 7.36 -3.77	57.70 5.15 0.00	64.62 5.67 0.00	47.82 4.44 0.00	45.92 4.31 0.00	44.47 4.21 0.00	62.04 5.80 0.00	75.82 6.50 0.00	86.26 7.55 0.00	92.50 8.60 0.00	109.26 10.20 0.00	129.63 12.97 0.00	167.44 16.91 -0.68	223.80 19.33 -9.89	188.28 16.73 -19.32	149.36 13.02 -32.71	167.40 14.12 -39.26	165.06 17.36 0.00	178.27 17.26 0.00	107.28 9.95 0.00
CANDIGU_WT_PWR 323617	-45.00 -7.62 129.72	-45.09 -7.49 128.21	-45.23 -8.32 132.70	-48.33 -8.77 143.51	-46.84 -6.24 116.54	-45.00 -4.22 93.33	-45.59 -4.87 99.68	-61.07 -3.30 101.16	-46.03 -3.17 84.46	-48.29 -3.21 85.35	-48.46 -4.16 100.54	-45.00 -5.44 108.88	-48.68 -6.64 120.75	-47.79 -6.60 125.10	-44.69 -7.82 135.93	2.37 -9.11 105.18	132.59 -11.43 5.84	152.99 -14.44 27.15	137.36 -10.99 3.89	104.92 -6.81 -8.10	115.27 -7.96 -9.21	138.43 -9.28 0.00	153.27 -7.74 0.00	94.00 -3.32 0.00
CARR STREET_E__SYR 24060	89.67 -2.67 0.00	88.01 -2.60 0.00	92.82 -2.97 0.00	100.78 -3.17 0.00	74.02 -2.27 -0.36	51.07 -1.48 0.00	57.22 -1.74 0.00	42.16 -1.22 0.00	40.48 -1.13 0.00	39.18 -1.08 0.00	54.79 -1.45 0.00	67.52 -1.80 0.00	76.63 -2.08 0.00	81.74 -2.17 0.00	96.60 -2.46 0.00	113.77 -2.90 0.00	146.15 -3.70 0.00	190.25 -4.33 0.00	148.87 -3.36 0.00	101.65 -2.27 -0.29	112.65 -2.82 -1.45	143.89 -3.82 0.00	157.01 -4.00 0.00	95.09 -2.23 0.00
CARTHAGE___PAPER 23857	89.83 -2.51 0.00	88.18 -2.44 0.00	93.05 -2.75 0.00	100.94 -3.00 0.00	73.88 -2.23 -0.18	51.07 -1.49 0.00	57.69 -1.27 0.00	42.87 -0.51 0.00	41.22 -0.39 0.00	40.64 0.38 0.00	57.48 1.25 0.00	71.20 1.87 0.00	80.69 1.98 0.00	86.10 2.20 0.00	101.60 2.54 0.00	119.81 3.15 0.00	155.30 5.45 0.00	203.02 8.44 0.00	158.62 6.38 0.00	108.03 4.25 -0.14	118.99 4.25 -0.72	152.60 4.89 0.00	165.74 4.73 0.00	99.59 2.27 0.00
CASSADAGA_WT_PWR 323784	66.21 -9.07 17.06	64.88 -8.87 16.87	68.44 -9.89 17.46	74.29 -10.78 18.88	53.34 -7.83 14.76	35.22 -5.06 12.28	40.78 -5.06 13.11	25.49 -4.60 13.29	26.34 -4.17 11.10	24.80 -4.24 11.23	37.49 -5.53 13.21	48.70 -6.30 14.32	55.19 -7.56 15.96	59.62 -7.82 16.46	72.30 -8.88 17.88	92.84 -9.98 13.84	136.61 -12.45 0.79	177.55 -13.09 3.93	143.47 -10.47 -1.71	102.32 -6.70 -5.39	112.50 -8.47 -6.95	137.77 -9.94 0.00	153.01 -8.00 0.00	94.44 -2.88 0.00
CE_DUNWOOD___DRP 24194	99.20 6.86 0.00	97.16 6.55 0.00	102.39 6.60 0.00	110.72 6.77 0.00	84.78 5.09 -3.76	56.17 3.62 0.00	62.79 3.83 0.00	46.31 2.93 0.00	44.44 2.83 0.00	43.15 2.89 0.00	60.48 4.24 0.00	74.36 5.04 0.00	84.33 5.62 0.00	89.87 5.97 0.00	106.25 7.20 0.00	125.22 8.56 0.00	161.75 11.22 -0.68	219.19 14.74 -9.87	183.50 11.99 -19.28	144.76 9.48 -32.64	162.45 9.25 -39.18	158.89 11.18 0.00	172.29 11.28 0.00	103.90 6.57 0.00
CE_MILLWOOD___DRP 24193	98.98 6.64 0.00	96.97 6.35 0.00	102.19 6.39 0.00	110.51 6.56 0.00	84.62 4.94 -3.74	56.06 3.51 0.00	62.67 3.71 0.00	46.20 2.82 0.00	44.35 2.74 0.00	43.06 2.79 0.00	60.33 4.10 0.00	74.19 4.87 0.00	84.14 5.43 0.00	89.67 5.77 0.00	106.02 6.96 0.00	124.95 8.29 0.00	161.37 10.85 -0.68	218.74 14.33 -9.84	183.07 11.63 -19.21	144.38 8.23 -32.52	162.03 8.98 -39.03	158.59 10.89 0.00	171.95 10.94 0.00	103.70 6.38 0.00
CE_NYC2_DRP 24202	99.96 7.62 0.00	97.88 7.27 0.00	103.16 7.36 0.00	111.43 7.49 0.00	85.34 5.64 -3.77	56.60 4.05 0.00	63.24 4.28 0.00	46.64 3.26 0.00	44.74 3.14 0.00	43.49 3.23 0.00	61.07 4.83 0.00	75.03 5.71 0.00	85.06 6.35 0.00	90.57 6.67 0.00	107.04 7.99 0.00	126.06 9.39 0.00	163.00 12.47 -0.68	220.75 16.28 -9.89	184.67 13.12 -19.32	145.61 9.28 -32.70	163.39 10.12 -39.25	159.94 12.24 0.00	173.20 12.20 0.00	104.44 7.12 0.00
CE_NYC_DRP 24195	99.64 7.29 0.00	97.60 6.99 0.00	102.85 7.06 0.00	111.15 7.20 0.00	85.11 5.41 -3.77	56.43 3.88 0.00	63.06 4.11 0.00	46.51 3.13 0.00	44.63 3.02 0.00	43.36 3.10 0.00	60.85 4.61 0.00	74.80 5.48 0.00	84.79 6.08 0.00	90.33 6.42 0.00	106.76 7.70 0.00	125.75 9.09 0.00	162.44 11.90 -0.68	219.93 15.46 -9.89	184.00 12.45 -19.32	145.12 8.79 -32.69	162.90 9.63 -39.25	159.38 11.68 0.00	172.71 11.70 0.00	104.16 6.84 0.00
CHAFFEE___LFGE 323603	65.70 -8.18 18.46	64.58 -7.79 18.25	67.89 -9.02 18.89	73.67 -9.86 20.43	53.01 -6.89 16.03	34.88 -4.39 13.29	39.86 -4.91 14.19	24.76 -4.25 14.37	25.65 -3.95 12.01	23.97 -4.15 12.15	36.26 -5.69 14.29	46.98 -6.85 15.50	53.51 -7.93 17.26	57.80 -8.30 17.80	69.64 -10.07 19.35	89.79 -11.90 14.97	133.26 -15.73 0.86	171.89 -18.44 4.25	138.73 -15.09 -1.58	98.95 -10.02 -5.34	108.68 -12.21 -6.88	132.91 -14.80 0.00	147.91 -13.10 0.00	91.68 -5.64 0.00
CHATEAUG_35_KV_LOAD 355732	92.23 -0.12 0.00	90.89 0.28 0.00	96.85 1.05 0.00	105.24 1.30 0.00	76.60 0.67 0.00	52.93 0.37 0.00	59.54 0.58 0.00	43.42 0.04 0.00	41.61 0.00 0.00	40.28 0.02 0.00	56.18 -0.06 0.00	69.44 0.12 0.00	78.85 0.14 0.00	83.84 -0.07 0.00	98.61 -0.45 0.00	116.16 -0.50 0.00	148.90 -0.94 0.00	193.06 -1.52 0.00	150.94 -1.29 0.00	102.83 -0.80 0.00	113.53 -0.49 0.00	147.60 -0.10 0.00	161.58 0.57 0.00	97.37 0.05 0.00
CHATEAUG_WT_PWR 323614	92.00 -0.35 0.00	90.74 0.12 0.00	96.72 0.93 0.00	105.09 1.15 0.00	76.54 0.61 0.00	52.83 0.28 0.00	59.37 0.41 0.00	43.26 -0.13 0.00	41.45 -0.16 0.00	40.13 -0.14 0.00	55.98 -0.26 0.00	69.17 -0.15 0.00	78.59 -0.13 0.00	83.59 -0.31 0.00	98.33 -0.73 0.00	115.78 -0.88 0.00	148.42 -1.43 0.00	192.31 -2.26 0.00	150.32 -1.91 0.00	102.55 -1.08 0.00	113.16 -0.86 0.00	147.19 -0.52 0.00	161.11 0.11 0.00	97.11 -0.20 0.00
CHAT_HIGH_FALL_HYD 323578	92.23 -0.12 0.00	90.89 0.28 0.00	96.85 1.05 0.00	105.24 1.30 0.00	76.60 0.67 0.00	52.93 0.37 0.00	59.54 0.58 0.00	43.42 0.04 0.00	41.61 0.00 0.00	40.28 0.02 0.00	56.18 -0.06 0.00	69.44 0.12 0.00	78.85 0.14 0.00	83.84 -0.07 0.00	98.61 -0.45 0.00	116.16 -0.50 0.00	148.90 -0.94 0.00	193.06 -1.52 0.00	150.94 -1.29 0.00	102.83 -0.80 0.00	113.53 -0.49 0.00	147.60 -0.10 0.00	161.58 0.57 0.00	97.37 0.05 0.00
CHAUTAUQUA___LFGE 323629	61.49 -9.42 21.44	60.15 -9.27 21.19	63.41 -10.46 21.93	68.87 -11.36 23.72	49.18 -8.02 18.74	31.94 -5.19 15.42	36.98 -5.51 16.47	21.90 -4.79 16.70	23.26 -4.40 13.95	21.62 -4.54 14.10	33.44 -6.20 16.60	43.94 -7.39 17.99	50.17 -8.51 20.03	54.42 -8.81 20.67	66.18 -10.41 22.46	87.35 -11.92 17.38	133.80 -15.06 1.00	172.64 -17.00 4.93	139.89 -13.66 -1.32	99.91 -8.95 -5.23	109.76 -10.99 -6.73	134.52 -13.19 0.00	149.53 -11.48 0.00	92.54 -4.78 0.00
CHERRYST_13_KV_LD 356241	99.89 7.54 0.00	97.85 7.23 0.00	103.09 7.30 0.00	111.41 7.47 0.00	85.30 5.60 -3.77	56.56 4.00 0.00	63.20 4.24 0.00	46.62 3.24 0.00	44.75 3.14 0.00	43.48 3.22 0.00	61.01 4.77 0.00	75.01 5.69 0.00	85.03 6.32 0.00	90.59 6.68 0.00	107.07 8.01 0.00	126.11 9.45 0.00	162.89 12.36 -0.68	220.60 16.13 -9.89	184.50 12.95 -19.32	145.44 9.10 -32.69	163.24 9.98 -39.25	159.83 12.12 0.00	173.16 12.15 0.00	104.42 7.10 0.00

CHESTROR_138KV_BK263 355645	97.92 5.57 0.00	95.93 5.32 0.00	101.17 5.37 0.00	109.48 5.53 0.00	83.60 4.17 -3.50	55.52 2.96 0.00	62.04 3.08 0.00	45.75 2.37 0.00	43.90 2.29 0.00	42.60 2.34 0.00	59.66 3.41 0.00	73.35 4.03 0.00	83.20 4.49 0.00	88.65 4.75 0.00	104.84 5.79 0.00	123.60 6.94 0.00	159.66 9.18 -0.64	216.09 12.24 -9.27	180.24 9.98 -18.03	141.18 7.06 -30.49	158.20 7.66 -36.53	156.95 9.24 0.00	170.32 9.31 0.00	102.73 5.41 0.00
CH_MIDHUDSON___DRP 24192	99.57 7.22 0.00	97.53 6.92 0.00	102.82 7.03 0.00	111.23 7.29 0.00	85.22 5.46 -3.82	56.41 3.86 0.00	63.05 4.10 0.00	46.51 3.13 0.00	44.66 3.05 0.00	43.36 3.09 0.00	60.66 4.42 0.00	74.63 5.31 0.00	84.72 6.01 0.00	90.31 6.41 0.00	106.84 7.78 0.00	125.92 9.26 0.00	162.77 12.17 -0.75	221.59 16.16 -10.85	185.72 13.12 -20.37	147.01 9.15 -34.23	164.41 9.90 -40.51	159.70 11.99 0.00	173.11 12.11 0.00	104.37 7.04 0.00
CH_MISC_IPPS 23765	100.09 7.75 0.00	98.02 7.40 0.00	103.28 7.48 0.00	111.76 7.81 0.00	85.53 5.85 -3.75	56.68 4.13 0.00	63.37 4.42 0.00	46.76 3.38 0.00	44.91 3.30 0.00	43.59 3.32 0.00	60.99 4.76 0.00	75.01 5.69 0.00	85.16 6.45 0.00	90.80 6.89 0.00	107.47 8.41 0.00	126.66 10.00 0.00	163.83 13.25 -0.74	222.88 17.63 -10.67	186.52 14.27 -20.02	147.19 9.92 -33.63	164.50 10.69 -39.79	160.70 12.99 0.00	174.17 13.17 0.00	104.97 7.64 0.00
CH_RES_BVR_FALLS 23983	91.26 -1.09 0.00	89.61 -1.01 0.00	94.84 -0.96 0.00	102.83 -1.12 0.00	75.04 -0.89 0.00	51.94 -0.62 0.00	58.40 -0.55 0.00	42.96 -0.42 0.00	41.28 -0.34 0.00	39.96 -0.31 0.00	55.85 -0.39 0.00	69.03 -0.29 0.00	78.29 -0.42 0.00	83.50 -0.40 0.00	98.63 -0.43 0.00	116.22 -0.44 0.00	149.28 -0.57 0.00	193.62 -0.96 0.00	151.32 -0.91 0.00	102.93 -0.70 0.00	113.42 -0.59 0.00	147.21 -0.50 0.00	160.65 -0.36 0.00	97.03 -0.29 0.00
CH_RES_NIAGARA 23895	62.67 -12.17 17.50	61.45 -11.87 17.30	64.39 -13.49 17.91	69.80 -14.78 19.37	50.26 -10.43 15.24	33.19 -6.76 12.60	37.99 -7.52 13.45	23.18 -6.55 13.65	23.97 -6.24 11.40	22.19 -6.55 11.52	33.52 -9.15 13.57	43.41 -11.22 14.69	49.57 -12.75 16.39	53.51 -13.51 16.88	64.56 -16.16 18.34	83.29 -19.18 14.19	124.27 -24.77 0.81	159.88 -30.67 4.03	129.13 -24.41 -1.30	91.69 -16.63 -4.69	100.69 -19.29 -5.96	123.71 -23.99 0.00	138.47 -22.54 0.00	86.39 -10.93 0.00
CH_RES_SYRACUSE 23985	90.52 -1.83 0.00	88.83 -1.79 0.00	93.66 -2.13 0.00	101.73 -2.22 0.00	74.74 -1.60 -0.40	51.54 -1.01 0.00	57.77 -1.19 0.00	42.59 -0.79 0.00	40.88 -0.73 0.00	39.59 -0.68 0.00	55.35 -0.89 0.00	68.20 -1.12 0.00	77.41 -1.30 0.00	82.55 -1.35 0.00	97.56 -1.50 0.00	114.91 -1.76 0.00	147.69 -2.16 0.00	192.35 -2.23 0.00	150.45 -1.78 0.00	102.69 -1.27 -0.32	113.96 -1.68 -1.62	145.36 -2.35 0.00	158.56 -2.45 0.00	95.99 -1.34 0.00
CLINTON_WT_PWR 323605	92.00 -0.35 0.00	90.74 0.12 0.00	96.72 0.93 0.00	105.09 1.15 0.00	76.54 0.61 0.00	52.83 0.28 0.00	59.37 0.41 0.00	43.26 -0.13 0.00	41.45 -0.16 0.00	40.13 -0.14 0.00	55.98 -0.26 0.00	69.17 -0.15 0.00	78.59 -0.13 0.00	83.59 -0.31 0.00	98.33 -0.73 0.00	115.78 -0.88 0.00	148.42 -1.43 0.00	192.31 -2.26 0.00	150.32 -1.91 0.00	102.55 -1.08 0.00	113.16 -0.86 0.00	147.19 -0.52 0.00	161.11 0.11 0.00	97.11 -0.20 0.00
CLINTON___LFGE 323618	93.68 1.33 0.00	92.35 1.73 0.00	98.44 2.65 0.00	106.96 3.01 0.00	77.89 1.96 0.00	53.73 1.18 0.00	60.29 1.34 0.00	43.95 0.56 0.00	42.12 0.51 0.00	40.81 0.55 0.00	56.85 0.61 0.00	70.26 0.94 0.00	79.87 1.16 0.00	84.96 1.06 0.00	100.00 0.94 0.00	117.78 1.11 0.00	150.70 0.85 0.00	195.53 0.96 0.00	152.91 0.67 0.00	104.35 0.71 0.00	114.95 0.93 0.00	149.27 1.56 0.00	163.29 2.28 0.00	98.37 1.05 0.00
COBBLENY_34_KV_TB1 80064	65.65 -8.23 18.46	64.51 -7.85 18.25	67.75 -9.15 18.89	73.53 -9.99 20.43	52.93 -6.98 16.03	34.83 -4.44 13.29	39.80 -4.97 14.19	24.64 -4.37 14.37	25.53 -4.08 12.01	23.92 -4.20 12.15	36.07 -5.88 14.29	46.79 -7.03 15.50	53.34 -8.11 17.26	57.62 -8.47 17.80	69.51 -10.21 19.35	89.62 -12.07 14.97	133.27 -15.72 0.86	171.67 -18.66 4.25	138.75 -15.07 -1.58	98.91 -10.07 -5.34	108.75 -12.15 -6.88	132.93 -14.78 0.00	147.95 -13.06 0.00	91.69 -5.63 0.00
COFFEEN___115KV_TB3 355620	89.97 -2.38 0.00	88.24 -2.37 0.00	93.02 -2.77 0.00	100.98 -2.97 0.00	73.97 -2.17 -0.20	51.09 -1.46 0.00	57.69 -1.27 0.00	42.93 -0.45 0.00	41.30 -0.31 0.00	40.80 0.54 0.00	57.78 1.55 0.00	71.50 2.18 0.00	80.97 2.26 0.00	86.45 2.55 0.00	101.92 2.86 0.00	119.93 3.27 0.00	156.05 6.20 0.00	204.45 9.87 0.00	159.88 7.64 0.00	108.87 5.07 -0.16	119.86 5.02 -0.83	153.40 5.69 0.00	166.46 5.45 0.00	100.03 2.71 0.00
COLDSPRG_115KV_BK1 355956	76.70 -5.49 10.16	75.46 -5.11 10.04	79.30 -6.10 10.39	86.07 -6.64 11.24	62.75 -4.70 8.48	42.26 -2.98 7.31	47.87 -3.28 7.81	32.42 -3.05 7.90	32.35 -2.66 6.61	31.05 -2.53 6.68	45.15 -3.23 7.86	57.19 -3.60 8.53	64.69 -4.49 9.53	69.50 -4.60 9.80	82.83 -5.58 10.65	101.87 -6.56 8.24	140.23 -9.15 0.47	182.26 -15.98 2.34	146.30 -8.24 -2.31	104.08 -5.20 -5.64	114.53 -6.80 -7.31	140.08 -7.62 0.00	155.70 -5.30 0.00	95.71 -1.61 0.00
COLONIE_LFGE___ 323577	96.97 4.63 0.00	95.19 4.58 0.00	100.54 4.74 0.00	109.00 5.05 0.00	84.75 3.82 -4.99	55.17 2.62 0.00	61.75 2.79 0.00	45.51 2.12 0.00	43.55 1.95 0.00	42.16 1.90 0.00	58.86 2.62 0.00	72.50 3.18 0.00	82.53 3.82 0.00	87.99 4.09 0.00	104.15 5.09 0.00	122.61 5.95 0.00	163.25 7.54 -5.86	289.39 9.98 -84.84	252.52 8.04 -92.25	243.37 5.62 -134.12	229.45 6.16 -109.27	155.17 7.47 0.00	168.50 7.50 0.00	101.99 4.67 0.00
COOPERNY_115KV_TB1 80082	96.29 3.94 0.00	94.39 3.78 0.00	99.58 3.79 0.00	107.91 3.96 0.00	81.79 2.99 -2.87	54.67 2.11 0.00	61.11 2.16 0.00	45.06 1.69 0.00	43.24 1.63 0.00	41.94 1.68 0.00	58.70 2.46 0.00	72.19 2.86 0.00	81.90 3.19 0.00	87.26 3.35 0.00	103.15 4.09 0.00	121.56 4.90 0.00	156.80 6.42 -0.53	210.91 8.60 -7.74	174.28 7.10 -14.94	133.91 5.05 -25.23	149.59 5.46 -30.12	154.25 6.54 0.00	167.58 6.57 0.00	101.18 3.86 0.00
COPENHAGEN_WT_PWR 323753	88.02 -4.33 0.00	86.35 -4.26 0.00	91.07 -4.73 0.00	98.81 -5.14 0.00	72.39 -3.76 -0.21	49.99 -2.56 0.00	56.41 -2.55 0.00	42.01 -1.37 0.00	40.41 -1.20 0.00	40.17 -0.09 0.00	57.01 0.78 0.00	70.66 1.34 0.00	80.04 1.33 0.00	85.42 1.52 0.00	100.76 1.70 0.00	118.70 2.04 0.00	153.97 4.12 0.00	201.49 6.92 0.00	157.55 5.32 0.00	107.34 3.53 -0.17	118.25 3.38 -0.86	151.37 3.67 0.00	164.40 3.39 0.00	98.78 1.46 0.00
CORNELL_____ 23752	92.30 -0.05 0.00	90.58 -0.03 0.00	95.45 -0.34 0.00	103.70 -0.25 0.00	76.68 -0.11 -0.86	52.56 0.01 0.00	58.88 -0.08 0.00	43.52 0.13 0.00	41.82 0.21 0.00	40.47 0.20 0.00	56.59 0.36 0.00	69.67 0.35 0.00	78.99 0.29 0.01	84.25 0.34 0.00	99.75 0.69 0.00	117.57 0.91 0.00	151.51 1.45 -0.21	200.33 2.68 -3.08	159.72 2.24 -5.24	113.81 1.56 -8.62	125.02 1.30 -9.70	149.28 1.57 0.00	163.06 2.05 0.00	98.62 1.29 0.00

CORONA__69_KV_TB1 355595	101.24 8.89 0.00	98.93 8.32 0.00	104.08 8.28 0.00	112.50 8.55 0.00	86.06 6.36 -3.77	57.04 4.49 0.00	63.81 4.86 0.00	47.10 3.72 0.00	45.23 3.62 0.00	43.93 3.66 0.00	61.57 5.34 0.00	75.54 6.23 0.00	85.73 7.02 0.00	91.49 7.59 0.00	107.91 8.85 0.00	127.44 10.78 0.00	164.11 13.58 -0.68	221.68 17.22 -9.89	186.20 14.64 -19.32	146.94 10.60 -32.71	164.86 11.58 -39.26	162.04 14.33 0.00	175.40 14.39 0.00	105.73 8.41 0.00
CORTLAND__115KV_TB3 80093	91.79 -0.55 0.00	90.09 -0.52 0.00	95.03 -0.76 0.00	103.21 -0.74 0.00	76.15 -0.48 -0.70	52.29 -0.26 0.00	58.55 -0.41 0.00	43.25 -0.13 0.00	41.57 -0.04 0.00	40.22 -0.04 0.00	56.30 0.06 0.00	69.36 0.04 0.00	78.63 -0.08 0.00	83.92 0.02 0.00	99.24 0.18 0.00	116.89 0.23 0.00	150.25 0.40 0.00	195.57 0.99 0.00	156.10 0.87 -3.00	109.96 0.68 -5.64	121.97 0.36 -7.60	148.04 0.33 0.00	161.61 0.60 0.00	97.76 0.44 0.00
COXSACKIE__GT 23611	101.16 8.81 0.00	99.21 8.60 0.00	104.76 8.97 0.00	113.82 9.87 0.00	87.89 7.32 -4.63	57.58 5.03 0.00	64.45 5.50 0.00	47.53 4.15 0.00	45.62 4.01 0.00	44.01 3.75 0.00	61.40 5.16 0.00	75.77 6.45 0.00	86.09 7.38 0.00	91.72 7.82 0.00	109.07 10.01 0.00	128.74 12.08 0.00	168.63 16.07 -2.71	254.83 21.07 -39.18	217.56 16.50 -48.83	188.88 10.88 -74.36	195.34 11.52 -69.81	162.12 14.41 0.00	175.96 14.95 0.00	106.65 9.33 0.00
CPV_VALLEY__CC1 323721	96.99 4.65 0.00	95.03 4.42 0.00	100.23 4.44 0.00	108.49 4.54 0.00	82.65 3.45 -3.27	55.00 2.45 0.00	61.48 2.53 0.00	45.36 1.98 0.00	43.52 1.91 0.00	42.21 1.95 0.00	59.09 2.85 0.00	72.65 3.33 0.00	82.41 3.70 0.00	87.83 3.92 0.00	103.84 4.78 0.00	122.37 5.71 0.00	158.02 7.57 -0.60	213.26 10.07 -8.61	177.37 8.33 -16.81	138.00 5.92 -28.45	154.54 6.41 -34.12	155.39 7.68 0.00	168.68 7.67 0.00	101.78 4.46 0.00
CPV_VALLEY__CC2 323722	96.99 4.65 0.00	95.03 4.42 0.00	100.23 4.44 0.00	108.49 4.54 0.00	82.65 3.45 -3.27	55.00 2.45 0.00	61.48 2.53 0.00	45.36 1.98 0.00	43.52 1.91 0.00	42.21 1.95 0.00	59.09 2.85 0.00	72.65 3.33 0.00	82.41 3.70 0.00	87.83 3.92 0.00	103.84 4.78 0.00	122.37 5.71 0.00	158.02 7.57 -0.60	213.26 10.07 -8.61	177.37 8.33 -16.81	138.00 5.92 -28.45	154.54 6.41 -34.12	155.39 7.68 0.00	168.68 7.67 0.00	101.78 4.46 0.00
CRESCENT__HYD 24018	96.97 4.63 0.00	95.19 4.58 0.00	100.54 4.74 0.00	109.00 5.05 0.00	84.75 3.82 -4.99	55.17 2.62 0.00	61.75 2.79 0.00	45.51 2.12 0.00	43.55 1.95 0.00	42.16 1.90 0.00	58.86 2.62 0.00	72.50 3.18 0.00	82.53 3.82 0.00	87.99 4.09 0.00	104.15 5.09 0.00	122.61 5.95 0.00	163.25 7.54 -5.86	289.39 9.98 -84.84	252.52 8.04 -92.25	243.37 5.62 -134.12	229.45 6.16 -109.27	155.17 7.47 0.00	168.50 7.50 0.00	101.99 4.67 0.00
CRICKET__VALLEY_CC1 323756	98.80 6.45 0.00	96.81 6.19 0.00	102.07 6.27 0.00	110.39 6.45 0.00	84.78 4.85 -3.99	55.99 3.44 0.00	62.55 3.60 0.00	46.11 2.73 0.00	44.30 2.69 0.00	42.99 2.72 0.00	60.04 3.80 0.00	73.90 4.58 0.00	83.98 5.27 0.00	89.43 5.53 0.00	105.87 6.81 0.00	124.74 8.08 0.00	161.23 10.56 -0.82	220.41 13.91 -11.92	185.47 11.42 -21.81	148.09 7.97 -36.49	165.41 8.62 -42.77	158.16 10.46 0.00	171.39 10.39 0.00	103.40 6.07 0.00
CRICKET__VALLEY_CC2 323757	98.80 6.45 0.00	96.81 6.19 0.00	102.07 6.27 0.00	110.39 6.45 0.00	84.78 4.85 -3.99	55.99 3.44 0.00	62.55 3.60 0.00	46.11 2.73 0.00	44.30 2.69 0.00	42.99 2.72 0.00	60.04 3.80 0.00	73.90 4.58 0.00	83.98 5.27 0.00	89.43 5.53 0.00	105.87 6.81 0.00	124.74 8.08 0.00	161.23 10.56 -0.82	220.41 13.91 -11.92	185.47 11.42 -21.81	148.09 7.97 -36.49	165.41 8.62 -42.77	158.16 10.46 0.00	171.39 10.39 0.00	103.40 6.07 0.00
CRICKET__VALLEY_CC3 323758	98.80 6.45 0.00	96.81 6.19 0.00	102.07 6.27 0.00	110.39 6.45 0.00	84.78 4.85 -3.99	55.99 3.44 0.00	62.55 3.60 0.00	46.11 2.73 0.00	44.30 2.69 0.00	42.99 2.72 0.00	60.04 3.80 0.00	73.90 4.58 0.00	83.98 5.27 0.00	89.43 5.53 0.00	105.87 6.81 0.00	124.74 8.08 0.00	161.23 10.56 -0.82	220.41 13.91 -11.92	185.47 11.42 -21.81	148.09 7.97 -36.49	165.41 8.62 -42.77	158.16 10.46 0.00	171.39 10.39 0.00	103.40 6.07 0.00
CRUCIBLE__METL_DRP 24180	90.52 -1.83 0.00	88.83 -1.79 0.00	93.66 -2.13 0.00	101.73 -2.22 0.00	74.74 -1.59 -0.40	51.54 -1.01 0.00	57.77 -1.19 0.00	42.60 -0.79 0.00	40.89 -0.72 0.00	39.58 -0.68 0.00	55.35 -0.88 0.00	68.19 -1.13 0.00	77.39 -1.32 0.00	82.55 -1.36 0.00	97.54 -1.52 0.00	114.90 -1.77 0.00	147.70 -2.15 0.00	192.29 -2.29 0.00	150.45 -1.78 0.00	102.69 -1.27 -0.32	113.96 -1.68 -1.62	145.36 -2.35 0.00	158.56 -2.45 0.00	95.99 -1.33 0.00
DAHOWA__HYDRO 323763	98.61 6.26 0.00	96.76 6.15 0.00	102.05 6.25 0.00	110.54 6.60 0.00	85.93 4.94 -5.06	55.95 3.39 0.00	62.72 3.76 0.00	46.30 2.92 0.00	44.36 2.75 0.00	42.93 2.66 0.00	59.89 3.65 0.00	73.74 4.42 0.00	84.00 5.29 0.00	89.54 5.64 0.00	106.12 7.06 0.00	125.09 8.43 0.00	167.71 11.02 -6.84	308.16 14.59 -99.00	269.53 11.76 -105.54	264.10 8.13 -152.33	243.90 8.80 -121.08	158.44 10.73 0.00	171.77 10.76 0.00	103.69 6.36 0.00
DANC__LFGE 323619	88.58 -3.76 0.00	86.90 -3.72 0.00	91.67 -4.12 0.00	99.48 -4.46 0.00	72.94 -3.25 -0.25	50.32 -2.24 0.00	56.58 -2.37 0.00	41.99 -1.39 0.00	40.35 -1.26 0.00	39.74 -0.53 0.00	56.12 -0.12 0.00	69.37 0.05 0.00	78.65 -0.07 0.00	83.92 0.02 0.00	99.05 0.00 0.00	116.53 -0.13 0.00	150.54 0.69 0.00	196.69 2.11 0.00	153.77 1.54 0.00	104.83 1.00 -0.20	115.79 0.77 -1.01	148.25 0.54 0.00	161.24 0.23 0.00	97.13 -0.20 0.00
DANSKAMMER__1 23586	100.09 7.75 0.00	98.02 7.40 0.00	103.28 7.48 0.00	111.76 7.81 0.00	85.53 5.85 -3.75	56.68 4.13 0.00	63.37 4.42 0.00	46.76 3.38 0.00	44.91 3.30 0.00	43.59 3.32 0.00	60.99 4.76 0.00	75.01 5.69 0.00	85.16 6.45 0.00	90.80 6.89 0.00	107.47 8.41 0.00	126.66 10.00 0.00	163.83 13.25 -0.74	222.88 17.63 -10.67	186.52 14.27 -20.02	147.19 9.92 -33.63	164.50 10.69 -39.79	160.70 12.99 0.00	174.17 13.17 0.00	104.97 7.64 0.00
DANSKAMMER__2 23589	100.09 7.75 0.00	98.02 7.40 0.00	103.28 7.48 0.00	111.76 7.81 0.00	85.53 5.85 -3.75	56.68 4.13 0.00	63.37 4.42 0.00	46.76 3.38 0.00	44.91 3.30 0.00	43.59 3.32 0.00	60.99 4.76 0.00	75.01 5.69 0.00	85.16 6.45 0.00	90.80 6.89 0.00	107.47 8.41 0.00	126.66 10.00 0.00	163.83 13.25 -0.74	222.88 17.63 -10.67	186.52 14.27 -20.02	147.19 9.92 -33.63	164.50 10.69 -39.79	160.70 12.99 0.00	174.17 13.17 0.00	104.97 7.64 0.00
DANSKAMMER__3 23590	100.09 7.75 0.00	98.02 7.40 0.00	103.28 7.48 0.00	111.76 7.81 0.00	85.53 5.85 -3.75	56.68 4.13 0.00	63.37 4.42 0.00	46.76 3.38 0.00	44.91 3.30 0.00	43.59 3.32 0.00	60.99 4.76 0.00	75.01 5.69 0.00	85.16 6.45 0.00	90.80 6.89 0.00	107.47 8.41 0.00	126.66 10.00 0.00	163.83 13.25 -0.74	222.88 17.63 -10.67	186.52 14.27 -20.02	147.19 9.92 -33.63	164.50 10.69 -39.79	160.70 12.99 0.00	174.17 13.17 0.00	104.97 7.64 0.00

DANSKAMMER___4 23591	100.09 7.75 0.00	98.02 7.40 0.00	103.28 7.48 0.00	111.76 7.81 0.00	85.53 5.85 -3.75	56.68 4.13 0.00	63.37 4.42 0.00	46.76 3.38 0.00	44.91 3.30 0.00	43.59 3.32 0.00	60.99 4.76 0.00	75.01 5.69 0.00	85.16 6.45 0.00	90.80 6.89 0.00	107.47 8.41 0.00	126.66 10.00 0.00	163.83 13.25 -0.74	222.88 17.63 -10.67	186.52 14.27 -20.02	147.19 9.92 -33.63	164.50 10.69 -39.79	160.70 12.99 0.00	174.17 13.17 0.00	104.97 7.64 0.00
DANSKAMMER___DIESEL 23592	100.09 7.74 0.00	98.01 7.40 0.00	103.28 7.49 0.00	111.78 7.83 0.00	85.53 5.84 -3.75	56.70 4.14 0.00	63.38 4.43 0.00	46.76 3.38 0.00	44.91 3.30 0.00	43.59 3.32 0.00	61.01 4.77 0.00	75.03 5.71 0.00	85.18 6.47 0.00	90.83 6.93 0.00	107.48 8.42 0.00	126.68 10.02 0.00	163.83 13.25 -0.74	222.90 17.65 -10.67	186.50 14.24 -20.02	147.18 9.91 -33.63	164.49 10.69 -39.79	160.71 13.00 0.00	174.18 13.17 0.00	104.95 7.63 0.00
DARBY___SOLAR 323810	98.35 6.00 0.00	96.52 5.90 0.00	101.84 6.05 0.00	110.33 6.39 0.00	85.76 4.78 -5.05	55.84 3.28 0.00	62.59 3.64 0.00	46.19 2.80 0.00	44.24 2.63 0.00	42.80 2.54 0.00	59.75 3.51 0.00	73.55 4.23 0.00	83.78 5.07 0.00	89.30 5.39 0.00	105.78 6.72 0.00	124.71 8.06 0.00	167.07 10.49 -6.72	305.77 13.91 -97.28	267.34 11.17 -103.93	261.52 7.76 -150.13	242.05 8.39 -119.65	157.94 10.23 0.00	171.31 10.30 0.00	103.45 6.13 0.00
DASHVILLE___HYD 23610	102.14 9.79 0.00	99.96 9.35 0.00	105.29 9.50 0.00	113.92 9.98 0.00	87.24 7.42 -3.88	57.80 5.25 0.00	64.67 5.71 0.00	47.77 4.38 0.00	45.93 4.32 0.00	44.57 4.31 0.00	62.28 6.04 0.00	76.69 7.37 0.00	87.12 8.41 0.00	92.92 9.02 0.00	110.01 10.95 0.00	129.87 13.21 0.00	168.63 17.55 -1.23	235.84 23.52 -17.73	197.96 18.81 -26.91	159.76 12.88 -43.24	174.26 13.77 -46.48	164.61 16.90 0.00	178.20 17.19 0.00	107.23 9.90 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	102.93 10.59 0.00	100.33 9.72 0.00	105.51 9.72 0.00	113.99 10.04 0.00	87.12 7.42 -3.77	57.76 5.20 0.00	64.73 5.78 0.00	47.91 4.53 0.00	46.01 4.40 0.00	44.54 4.28 0.00	62.05 5.81 0.00	75.80 6.48 0.00	86.19 7.48 0.00	92.48 8.58 0.00	109.34 10.28 0.00	129.83 13.17 0.00	167.83 17.30 -0.68	223.48 19.00 -9.89	188.25 16.69 -19.32	149.80 13.46 -32.71	167.82 14.54 -39.26	165.50 17.79 0.00	178.66 17.65 0.00	107.44 10.12 0.00
DELAWARE___LFGE 323621	95.23 2.88 0.00	93.51 2.90 0.00	98.79 3.00 0.00	107.30 3.35 0.00	80.12 2.49 -1.70	54.19 1.63 0.00	60.60 1.65 0.00	44.71 1.32 0.00	42.95 1.34 0.00	41.60 1.34 0.00	58.19 1.95 0.00	71.63 2.31 0.00	81.30 2.60 0.01	86.68 2.78 0.00	102.39 3.33 0.00	120.59 3.93 0.00	155.95 5.13 -0.98	215.64 6.89 -14.17	177.30 5.79 -19.28	137.42 4.13 -29.66	146.25 4.35 -27.88	153.11 5.40 0.00	166.76 5.75 0.00	100.81 3.49 0.00
DERFIELD_115KV_TB7 355931	92.81 0.46 0.00	91.07 0.45 0.00	96.18 0.39 0.00	104.44 0.50 0.00	76.31 0.38 0.00	52.79 0.23 0.00	59.13 0.18 0.00	43.54 0.15 0.00	41.76 0.15 0.00	40.44 0.17 0.00	56.57 0.33 0.00	69.73 0.42 0.00	79.19 0.47 0.00	84.42 0.51 0.00	99.75 0.69 0.00	117.37 0.71 0.00	150.78 0.93 0.00	195.94 1.36 0.00	153.43 1.20 0.00	104.46 0.83 0.00	114.93 0.91 0.00	148.85 1.14 0.00	162.13 1.13 0.00	98.02 0.69 0.00
DOGLEVILLE___HYD 23807	94.90 2.55 0.00	93.09 2.48 0.00	98.14 2.35 0.00	106.61 2.66 0.00	77.99 2.06 0.00	53.99 1.44 0.00	60.35 1.39 0.00	44.60 1.22 0.00	42.55 0.93 0.00	41.04 0.77 0.00	57.40 1.16 0.00	70.50 1.18 0.00	80.33 1.61 0.00	85.88 1.98 0.00	101.90 2.84 0.00	120.57 3.91 0.00	155.57 5.72 0.00	202.86 8.28 0.00	159.52 7.28 0.00	108.94 5.30 0.00	119.56 5.54 0.00	154.32 6.61 0.00	167.13 6.13 0.00	100.88 3.56 0.00
DUNKIRK___115KV_TB_200 55889	61.02 -9.46 21.86	59.70 -9.31 21.61	62.85 -10.58 22.36	68.28 -11.49 24.19	48.72 -8.09 19.12	31.61 -5.22 15.73	36.57 -5.59 16.80	21.45 -4.90 17.03	22.87 -4.52 14.22	21.29 -4.59 14.38	32.90 -6.41 16.93	43.32 -7.65 18.35	49.54 -8.74 20.43	53.75 -9.07 21.08	65.48 -10.68 22.91	86.65 -12.28 17.72	133.48 -15.35 1.02	171.86 -17.68 5.03	139.47 -14.05 -1.29	99.59 -9.25 -5.21	109.50 -11.22 -6.71	134.08 -13.62 0.00	149.16 -11.85 0.00	92.33 -4.99 0.00
DUNKIRK___1 23563	61.02 -9.46 21.86	59.70 -9.31 21.61	62.85 -10.58 22.36	68.28 -11.49 24.19	48.72 -8.09 19.12	31.61 -5.22 15.73	36.57 -5.59 16.80	21.45 -4.90 17.03	22.87 -4.52 14.22	21.29 -4.59 14.38	32.90 -6.41 16.93	43.32 -7.65 18.35	49.54 -8.74 20.43	53.75 -9.07 21.08	65.48 -10.68 22.91	86.65 -12.28 17.72	133.48 -15.35 1.02	171.86 -17.68 5.03	139.47 -14.05 -1.29	99.59 -9.25 -5.21	109.50 -11.22 -6.71	134.08 -13.62 0.00	149.16 -11.85 0.00	92.33 -4.99 0.00
DUNKIRK___2 23564	61.02 -9.46 21.86	59.70 -9.31 21.61	62.85 -10.58 22.36	68.28 -11.49 24.19	48.72 -8.09 19.12	31.61 -5.22 15.73	36.57 -5.59 16.80	21.45 -4.90 17.03	22.87 -4.52 14.22	21.29 -4.59 14.38	32.90 -6.41 16.93	43.32 -7.65 18.35	49.54 -8.74 20.43	53.75 -9.07 21.08	65.48 -10.68 22.91	86.65 -12.28 17.72	133.48 -15.35 1.02	171.86 -17.68 5.03	139.47 -14.05 -1.29	99.59 -9.25 -5.21	109.50 -11.22 -6.71	134.08 -13.62 0.00	149.16 -11.85 0.00	92.33 -4.99 0.00
DUNKIRK___3 23565	58.80 -9.43 24.11	57.58 -9.20 23.83	60.63 -10.50 24.67	65.81 -11.46 26.68	46.73 -8.04 21.17	30.00 -5.20 17.35	34.79 -5.64 18.53	19.67 -4.93 18.78	21.37 -4.55 15.69	19.77 -4.63 15.86	31.08 -6.48 18.68	41.33 -7.75 20.24	47.31 -8.88 22.52	51.43 -9.22 23.25	62.84 -10.95 25.27	84.41 -12.70 19.55	132.57 -16.16 1.12	170.06 -18.97 5.55	138.23 -15.10 -1.10	98.79 -9.99 -5.14	108.59 -12.03 -6.61	133.10 -14.61 0.00	148.14 -12.86 0.00	91.72 -5.60 0.00
DUNKIRK___4 23566	58.80 -9.43 24.11	57.58 -9.20 23.83	60.63 -10.50 24.67	65.81 -11.46 26.68	46.73 -8.04 21.17	30.00 -5.20 17.35	34.79 -5.64 18.53	19.67 -4.93 18.78	21.37 -4.55 15.69	19.77 -4.63 15.86	31.08 -6.48 18.68	41.33 -7.75 20.24	47.31 -8.88 22.52	51.43 -9.22 23.25	62.84 -10.95 25.27	84.41 -12.70 19.55	132.57 -16.16 1.12	170.06 -18.97 5.55	138.23 -15.10 -1.10	98.79 -9.99 -5.14	108.59 -12.03 -6.61	133.10 -14.61 0.00	148.14 -12.86 0.00	91.72 -5.60 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	99.41 7.07 0.00	97.36 6.75 0.00	102.59 6.79 0.00	110.93 6.98 0.00	84.94 5.24 -3.77	56.28 3.73 0.00	62.90 3.95 0.00	46.40 3.02 0.00	44.55 2.93 0.00	43.25 2.99 0.00	60.64 4.40 0.00	74.55 5.23 0.00	84.55 5.84 0.00	90.11 6.21 0.00	106.52 7.46 0.00	125.53 8.87 0.00	162.11 11.58 -0.68	219.69 15.22 -9.89	183.91 12.36 -19.32	145.08 8.74 -32.70	162.81 9.54 -39.25	159.26 11.55 0.00	172.67 11.66 0.00	104.09 6.77 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	99.17 6.83 0.00	97.14 6.53 0.00	102.37 6.58 0.00	110.79 6.84 0.00	84.68 5.12 -3.64	56.17 3.62 0.00	62.80 3.84 0.00	46.34 2.96 0.00	44.49 2.88 0.00	43.17 2.90 0.00	60.43 4.20 0.00	74.32 5.00 0.00	84.34 5.63 0.00	89.91 6.01 0.00	106.36 7.30 0.00	125.40 8.73 0.00	162.14 11.57 -0.72	220.51 15.51 -10.42	184.26 12.56 -19.47	145.09 8.77 -32.69	162.10 9.47 -38.61	159.18 11.47 0.00	172.58 11.58 0.00	104.05 6.72 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	99.84 7.50 0.00	97.82 7.21 0.00	103.08 7.28 0.00	111.43 7.49 0.00	85.32 5.62 -3.77	56.56 4.01 0.00	63.20 4.24 0.00	46.60 3.22 0.00	44.68 3.07 0.00	43.43 3.17 0.00	60.89 4.65 0.00	74.78 5.46 0.00	84.88 6.17 0.00	90.41 6.51 0.00	106.84 7.78 0.00	125.77 9.11 0.00	162.76 12.23 -0.68	220.45 15.98 -9.89	184.46 12.91 -19.32	145.49 9.16 -32.70	163.23 9.96 -39.25	159.58 11.87 0.00	172.77 11.76 0.00	104.19 6.87 0.00
E179THST_13_KV_LOAD 356214	100.26 7.91 0.00	98.20 7.59 0.00	103.47 7.67 0.00	111.84 7.90 0.00	85.61 5.91 -3.77	56.76 4.21 0.00	63.44 4.48 0.00	46.79 3.41 0.00	44.87 3.26 0.00	43.62 3.35 0.00	61.16 4.92 0.00	75.11 5.79 0.00	85.27 6.56 0.00	90.84 6.93 0.00	107.33 8.28 0.00	126.37 9.70 0.00	163.55 13.01 -0.68	221.49 17.01 -9.89	185.26 13.71 -19.32	146.07 9.73 -32.70	163.83 10.56 -39.25	160.34 12.63 0.00	173.59 12.59 0.00	104.68 7.36 0.00
EAST HAMPTON___GT 23717	101.79 9.44 0.00	99.17 8.56 0.00	104.30 8.51 0.00	112.64 8.69 0.00	86.17 6.47 -3.77	57.09 4.54 0.00	64.02 5.06 0.00	47.40 4.03 0.00	45.50 3.89 0.00	44.03 3.77 0.00	61.30 5.06 0.00	74.79 5.47 0.00	85.07 6.36 0.00	91.30 7.39 0.00	108.03 8.97 0.00	128.36 11.69 0.00	165.90 15.37 -0.68	219.49 15.02 -9.89	185.53 13.98 -19.32	148.70 12.36 -32.71	166.54 13.26 -39.26	163.82 16.11 0.00	176.72 15.71 0.00	106.26 8.94 0.00
EAST RIVER___6 23660	99.68 7.34 0.00	97.65 7.04 0.00	102.90 7.11 0.00	111.26 7.32 0.00	85.09 5.39 -3.77	56.43 3.88 0.00	63.06 4.10 0.00	46.51 3.13 0.00	44.64 3.02 0.00	43.38 3.12 0.00	60.88 4.64 0.00	74.83 5.51 0.00	84.82 6.11 0.00	90.38 6.48 0.00	106.83 7.77 0.00	125.82 9.16 0.00	162.40 11.86 -0.68	219.89 15.42 -9.89	184.04 12.49 -19.32	145.12 8.79 -32.69	162.87 9.60 -39.25	159.37 11.66 0.00	172.57 11.56 0.00	104.17 6.84 0.00
EAST RIVER___7 23524	99.68 7.34 0.00	97.65 7.04 0.00	102.90 7.11 0.00	111.26 7.32 0.00	85.09 5.39 -3.77	56.43 3.88 0.00	63.06 4.10 0.00	46.51 3.13 0.00	44.64 3.02 0.00	43.38 3.12 0.00	60.88 4.64 0.00	74.83 5.51 0.00	84.82 6.11 0.00	90.38 6.48 0.00	106.83 7.77 0.00	125.82 9.16 0.00	162.40 11.86 -0.68	219.89 15.42 -9.89	184.04 12.49 -19.32	145.12 8.79 -32.69	162.87 9.60 -39.25	159.37 11.66 0.00	172.57 11.56 0.00	104.17 6.84 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	99.20 6.86 0.00	97.16 6.55 0.00	102.39 6.60 0.00	110.72 6.77 0.00	84.78 5.09 -3.76	56.17 3.62 0.00	62.79 3.83 0.00	46.31 2.93 0.00	44.44 2.83 0.00	43.15 2.89 0.00	60.48 4.24 0.00	74.36 5.04 0.00	84.33 5.62 0.00	89.87 5.97 0.00	106.25 7.20 0.00	125.22 8.56 0.00	161.75 11.22 -0.68	219.19 14.74 -9.87	183.50 11.99 -19.28	144.76 8.48 -32.64	162.45 9.25 -39.18	158.89 11.18 0.00	172.29 11.28 0.00	103.90 6.57 0.00
EAST_HAMPTON___DIESEL 23722	101.52 9.18 0.00	98.91 8.30 0.00	104.03 8.24 0.00	112.33 8.38 0.00	85.95 6.25 -3.77	56.94 4.39 0.00	63.86 4.90 0.00	47.29 3.91 0.00	45.39 3.78 0.00	43.92 3.65 0.00	61.14 4.90 0.00	74.60 5.28 0.00	84.85 6.14 0.00	91.05 7.14 0.00	107.76 8.70 0.00	128.06 11.40 0.00	165.50 14.97 -0.68	219.05 14.58 -9.89	185.16 13.60 -19.32	148.40 12.06 -32.71	166.26 12.98 -39.26	163.47 15.76 0.00	176.28 15.27 0.00	105.99 8.67 0.00
EAST_POINT___SOLAR 323840	97.99 5.65 0.00	96.10 5.49 0.00	101.48 5.69 0.00	110.09 6.15 0.00	85.95 4.49 -5.53	55.71 3.16 0.00	62.58 3.63 0.00	46.20 2.82 0.00	44.05 2.45 0.00	42.24 1.98 0.00	59.13 2.89 0.00	72.59 3.28 0.00	82.59 3.88 0.00	88.57 4.67 0.00	104.92 5.86 0.00	124.62 7.96 0.00	168.17 11.49 -6.83	309.54 16.12 -98.84	269.27 12.51 -104.53	263.14 8.46 -151.05	244.39 8.91 -121.47	159.12 11.41 0.00	173.19 12.19 0.00	104.51 7.18 0.00
EAST_PULASKI___ESR 323781	89.17 -3.18 0.00	87.47 -3.14 0.00	92.29 -3.50 0.00	100.12 -3.82 0.00	73.49 -2.73 -0.28	50.67 -1.88 0.00	56.85 -2.10 0.00	42.03 -1.35 0.00	40.38 -1.23 0.00	39.37 -0.89 0.00	55.27 -0.97 0.00	68.17 -1.14 0.00	77.32 -1.39 0.00	82.51 -1.39 0.00	97.42 -1.64 0.00	114.41 -2.25 0.00	147.13 -2.72 0.00	191.86 -2.72 0.00	150.10 -2.13 0.00	102.41 -1.46 -0.23	113.31 -1.86 -1.16	145.01 -2.69 0.00	157.91 -3.09 0.00	95.42 -1.91 0.00
EAST_RIVER___1 323558	99.63 7.28 0.00	97.59 6.98 0.00	102.84 7.05 0.00	111.13 7.18 0.00	85.09 5.39 -3.77	56.43 3.88 0.00	63.04 4.09 0.00	46.50 3.12 0.00	44.63 3.02 0.00	43.35 3.09 0.00	60.83 4.59 0.00	74.77 5.45 0.00	84.75 6.04 0.00	90.29 6.39 0.00	106.74 7.68 0.00	125.72 9.06 0.00	162.44 11.90 -0.68	219.92 15.45 -9.89	184.04 12.49 -19.32	145.12 8.78 -32.69	162.92 9.65 -39.25	159.38 11.68 0.00	172.71 11.70 0.00	104.17 6.85 0.00
EAST_RIVER___2 323559	99.68 7.34 0.00	97.65 7.04 0.00	102.90 7.11 0.00	111.26 7.32 0.00	85.09 5.39 -3.77	56.43 3.88 0.00	63.06 4.10 0.00	46.51 3.13 0.00	44.64 3.02 0.00	43.38 3.12 0.00	60.88 4.64 0.00	74.83 5.51 0.00	84.82 6.11 0.00	90.38 6.48 0.00	106.83 7.77 0.00	125.82 9.16 0.00	162.40 11.86 -0.68	219.89 15.42 -9.89	184.04 12.49 -19.32	145.12 8.79 -32.69	162.87 9.60 -39.25	159.37 11.66 0.00	172.57 11.56 0.00	104.17 6.84 0.00
EAST___DELAWARE_HYD 23607	98.70 6.36 0.00	96.69 6.07 0.00	101.86 6.07 0.00	110.30 6.35 0.00	84.11 4.73 -3.44	55.93 3.38 0.00	62.58 3.62 0.00	46.26 2.87 0.00	44.44 2.83 0.00	43.08 2.81 0.00	60.24 4.00 0.00	74.06 4.74 0.00	84.10 5.39 0.00	89.64 5.74 0.00	106.14 7.08 0.00	125.23 8.57 0.00	162.24 11.60 -0.79	221.86 15.82 -11.46	184.87 12.73 -19.91	145.41 8.82 -32.95	161.21 9.40 -37.80	158.90 11.19 0.00	172.10 11.09 0.00	103.60 6.28 0.00
EIGHT_POINT___WT_PWR 323820	161.99 -9.60 -79.24	159.38 -9.56 -78.32	166.16 -10.69 -81.06	180.37 -11.24 -87.67	140.55 -7.92 -72.53	104.17 -5.40 -57.01	113.79 -6.06 -60.89	100.88 -4.30 -61.81	89.23 -3.99 -51.60	88.47 -3.93 -52.13	112.48 -5.18 -61.42	128.83 -7.01 -66.51	143.89 -8.50 -73.68	152.29 -8.04 -76.42	172.58 -9.51 -83.03	170.54 -10.37 -64.25	141.84 -11.86 -3.85	200.04 -15.30 -20.77	150.98 -11.13 -9.88	104.51 -6.68 -7.55	114.70 -7.92 -8.59	139.32 -8.39 0.00	155.15 -5.86 0.00	95.50 -1.82 0.00
ELBRIDGE_115KV_TB2 80188	90.02 -2.33 0.00	88.32 -2.30 0.00	93.12 -2.67 0.00	101.12 -2.83 0.00	74.35 -2.00 -0.42	51.26 -1.29 0.00	57.44 -1.51 0.00	42.35 -1.03 0.00	40.61 -0.94 0.00	39.32 -0.94 0.00	54.99 -1.25 0.00	67.73 -1.59 0.00	76.87 -1.84 0.00	81.94 -1.96 0.00	96.83 -2.23 0.00	114.07 -2.59 0.00	146.69 -3.16 0.00	190.93 -3.65 0.00	149.43 -2.80 0.00	101.99 -1.99 -0.34	113.31 -2.42 -1.72	144.43 -3.27 0.00	157.64 -3.37 0.00	95.48 -1.85 0.00
ELEC_TRO_TEK 24086	100.69 8.34 0.00	98.40 7.78 0.00	103.58 7.79 0.00	111.96 8.02 0.00	85.68 5.98 -3.77	56.77 4.22 0.00	63.52 4.57 0.00	46.90 3.51 0.00	45.04 3.43 0.00	43.72 3.45 0.00	61.26 5.02 0.00	75.18 5.86 0.00	85.27 6.56 0.00	91.09 7.18 0.00	107.51 8.46 0.00	126.94 10.28 0.00	163.47 12.94 -0.68	220.75 16.28 -9.89	185.37 13.81 -19.32	146.41 10.07 -32.71	164.28 11.01 -39.26	161.26 13.56 0.00	174.51 13.50 0.00	105.21 7.88 0.00

ELLENBURG_WT_PWR 323604	92.00 -0.35 0.00	90.74 0.12 0.00	96.72 0.93 0.00	105.09 1.15 0.00	76.54 0.61 0.00	52.83 0.28 0.00	59.37 0.41 0.00	43.26 -0.13 0.00	41.45 -0.16 0.00	40.13 -0.14 0.00	55.98 -0.26 0.00	69.17 -0.15 0.00	78.59 -0.13 0.00	83.59 -0.31 0.00	98.33 -0.73 0.00	115.78 -0.88 0.00	148.42 -1.43 0.00	192.31 -2.26 0.00	150.32 -1.91 0.00	102.55 -1.08 0.00	113.16 -0.86 0.00	147.19 -0.52 0.00	161.11 0.11 0.00	97.11 -0.20 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	58.24 -9.87 24.23	57.09 -9.57 23.95	60.01 -10.99 24.79	65.10 -12.04 26.81	46.20 -8.44 21.30	29.67 -5.45 17.44	34.28 -6.06 18.62	19.26 -5.23 18.89	20.96 -4.87 15.78	19.28 -5.04 15.95	30.38 -7.08 18.78	40.43 -8.54 20.34	46.27 -9.80 22.64	50.27 -10.26 23.37	61.39 -12.28 25.39	82.48 -14.53 19.65	129.87 -18.85 1.13	166.15 -22.85 5.58	134.96 -18.27 -1.00	96.37 -12.24 -4.98	105.87 -14.52 -6.37	129.89 -17.82 0.00	144.82 -16.18 0.00	89.90 -7.42 0.00
EMPIRE_CC_1 323656	96.13 3.79 0.00	94.34 3.73 0.00	99.81 4.02 0.00	108.35 4.40 0.00	84.15 3.42 -4.80	54.82 2.27 0.00	61.26 2.30 0.00	45.03 1.65 0.00	43.08 1.48 0.00	41.74 1.48 0.00	58.42 2.18 0.00	71.95 2.63 0.00	81.89 3.18 0.00	87.28 3.38 0.00	103.25 4.19 0.00	121.20 4.54 0.00	157.31 5.55 -1.92	229.33 7.05 -27.71	196.66 5.82 -38.61	168.44 4.09 -60.72	180.64 4.60 -62.03	153.36 5.66 0.00	166.84 5.83 0.00	101.00 3.68 0.00
EMPIRE_CC_2 323658	96.13 3.79 0.00	94.34 3.73 0.00	99.81 4.02 0.00	108.35 4.40 0.00	84.15 3.42 -4.80	54.82 2.27 0.00	61.26 2.30 0.00	45.03 1.65 0.00	43.08 1.48 0.00	41.74 1.48 0.00	58.42 2.18 0.00	71.95 2.63 0.00	81.89 3.18 0.00	87.28 3.38 0.00	103.25 4.19 0.00	121.20 4.54 0.00	157.31 5.55 -1.92	229.33 7.05 -27.71	196.66 5.82 -38.61	168.44 4.09 -60.72	180.64 4.60 -62.03	153.36 5.66 0.00	166.84 5.83 0.00	101.00 3.68 0.00
ENORWICH_115KV_TB1 80156	94.08 1.73 0.00	92.40 1.79 0.00	97.72 1.93 0.00	105.76 1.82 0.00	78.67 1.53 -1.21	53.58 1.03 0.00	60.22 1.26 0.00	44.70 1.32 0.00	43.10 1.49 0.00	41.71 1.45 0.00	58.26 2.02 0.00	71.70 2.38 0.00	81.48 2.78 0.01	87.03 3.13 0.00	103.41 4.35 0.00	122.33 5.67 0.00	158.88 8.58 -0.45	214.67 13.58 -6.51	173.20 11.16 -9.81	127.23 8.02 -15.58	138.69 8.65 -16.02	159.36 11.66 0.00	174.74 13.73 0.00	105.52 8.20 0.00
ERIE_ST__34_KV_TB1-2 80199	64.86 -7.37 20.12	63.74 -6.99 19.88	66.95 -8.26 20.58	72.62 -9.07 22.25	52.03 -6.36 17.54	34.02 -4.05 14.47	38.93 -4.57 15.46	23.64 -4.09 15.64	24.78 -3.76 13.08	23.19 -3.84 13.23	35.31 -5.36 15.56	46.11 -6.33 16.88	52.52 -7.39 18.80	56.92 -7.58 19.40	68.78 -9.20 21.08	89.45 -10.89 16.31	134.41 -14.50 0.93	172.72 -17.23 4.63	139.62 -14.01 -1.40	99.50 -9.34 -5.21	109.35 -11.37 -6.71	134.05 -13.65 0.00	149.24 -11.77 0.00	92.23 -5.09 0.00
ERIE_WT_PWR 323693	60.13 -9.20 23.01	59.03 -8.84 22.74	62.15 -10.10 23.54	67.38 -11.11 25.46	47.99 -7.77 20.17	30.96 -5.04 16.56	35.66 -5.61 17.68	20.67 -4.79 17.91	22.21 -4.43 14.97	20.48 -4.65 15.14	32.01 -6.42 17.81	42.27 -7.74 19.31	48.25 -8.96 21.50	52.36 -9.35 22.19	63.64 -11.30 24.11	84.76 -13.24 18.66	131.37 -17.41 1.07	168.60 -20.68 5.30	136.60 -16.79 -1.16	97.66 -11.09 -5.12	107.16 -13.44 -6.58	131.44 -16.26 0.00	146.38 -14.62 0.00	90.87 -6.45 0.00
ESPRGFLD_115KV_TB1 80157	94.70 2.36 0.00	92.97 2.36 0.00	98.24 2.45 0.00	106.61 2.66 0.00	77.86 1.93 0.00	53.88 1.33 0.00	60.43 1.48 0.00	44.57 1.19 0.00	42.91 1.30 0.00	41.52 1.25 0.00	58.03 1.79 0.00	71.54 2.22 0.00	81.10 2.39 0.00	86.49 2.59 0.00	102.11 3.05 0.00	120.51 3.85 0.00	160.22 5.47 -4.90	273.46 8.01 -70.87	235.02 6.39 -76.39	215.58 4.40 -107.54	191.91 4.62 -73.28	153.85 6.13 0.00	167.99 6.99 0.00	101.48 4.16 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	92.12 -0.22 0.00	90.40 -0.22 0.00	95.30 -0.49 0.00	103.52 -0.43 0.00	76.53 -0.26 -0.86	52.46 -0.09 0.00	58.78 -0.17 0.00	43.43 0.05 0.00	41.74 0.13 0.00	40.39 0.12 0.00	56.48 0.24 0.00	69.53 0.21 0.00	78.84 0.14 0.01	84.10 0.20 0.00	99.55 0.49 0.00	117.34 0.68 0.00	151.20 1.14 -0.21	199.86 2.20 -3.08	159.37 1.90 -5.24	113.58 1.32 -8.62	124.78 1.06 -9.70	148.99 1.28 0.00	162.74 1.73 0.00	98.43 1.11 0.00
ETNA____115KV_TB2 80207	92.12 -0.22 0.00	90.40 -0.22 0.00	95.30 -0.49 0.00	103.52 -0.43 0.00	76.53 -0.26 -0.86	52.46 -0.09 0.00	58.78 -0.17 0.00	43.43 0.05 0.00	41.74 0.13 0.00	40.39 0.12 0.00	56.48 0.24 0.00	69.53 0.21 0.00	78.84 0.14 0.01	84.10 0.20 0.00	99.55 0.49 0.00	117.34 0.68 0.00	151.20 1.14 -0.21	199.86 2.20 -3.08	159.37 1.90 -5.24	113.58 1.32 -8.62	124.78 1.06 -9.70	148.99 1.28 0.00	162.74 1.73 0.00	98.43 1.11 0.00
EUCLID__115KV_TB2 356179	89.41 -2.94 0.00	87.76 -2.86 0.00	92.57 -3.22 0.00	100.50 -3.45 0.00	73.81 -2.46 -0.33	50.92 -1.63 0.00	57.07 -1.89 0.00	42.04 -1.34 0.00	40.35 -1.26 0.00	39.06 -1.21 0.00	54.61 -1.63 0.00	67.30 -2.02 0.00	76.39 -2.32 0.00	81.46 -2.44 0.00	96.26 -2.81 0.00	113.37 -3.29 0.00	145.68 -4.17 0.00	189.60 -4.98 0.00	148.34 -3.89 0.00	101.27 -2.63 -0.27	112.21 -3.16 -1.35	143.45 -4.26 0.00	156.52 -4.49 0.00	94.81 -2.52 0.00
E_CANADA_CAP_HY 24051	95.43 3.09 0.00	93.67 3.06 0.00	98.97 3.18 0.00	107.31 3.36 0.00	84.13 2.46 -5.74	54.27 1.71 0.00	60.94 1.98 0.00	44.90 1.51 0.00	43.06 1.46 0.00	41.54 1.28 0.00	58.02 1.78 0.00	71.51 2.19 0.00	81.13 2.42 0.00	86.66 2.75 0.00	102.38 3.33 0.00	121.08 4.42 0.00	162.68 6.49 -6.35	295.95 9.50 -91.88	257.10 7.34 -97.52	250.12 4.99 -141.50	235.26 5.32 -115.92	154.95 7.25 0.00	169.21 8.20 0.00	102.27 4.95 0.00
E_CANADA_MHWK_HY 24050	94.90 2.55 0.00	93.09 2.48 0.00	98.14 2.35 0.00	106.61 2.66 0.00	77.99 2.06 0.00	53.99 1.44 0.00	60.35 1.39 0.00	44.60 1.22 0.00	42.55 0.93 0.00	41.04 0.77 0.00	57.40 1.16 0.00	70.50 1.18 0.00	80.33 1.61 0.00	85.88 1.98 0.00	101.90 2.84 0.00	120.57 3.91 0.00	155.57 5.72 0.00	202.86 8.28 0.00	159.52 7.28 0.00	108.94 5.30 0.00	119.56 5.54 0.00	154.32 6.61 0.00	167.13 6.13 0.00	100.88 3.56 0.00
E_FISHKILL__LBMP 23776	98.72 6.38 0.00	96.73 6.12 0.00	101.98 6.19 0.00	110.33 6.38 0.00	84.56 4.79 -3.84	55.96 3.41 0.00	62.53 3.57 0.00	46.11 2.73 0.00	44.25 2.64 0.00	42.96 2.69 0.00	60.14 3.90 0.00	73.97 4.65 0.00	83.94 5.23 0.00	89.45 5.54 0.00	105.79 6.73 0.00	124.65 7.99 0.00	160.97 10.43 -0.70	218.37 13.72 -10.07	183.12 11.22 -19.67	144.85 7.91 -33.30	162.61 8.61 -39.99	158.14 10.43 0.00	171.47 10.46 0.00	103.44 6.12 0.00
FALCON___SEABRD_CC1 323796	93.18 0.83 0.00	91.91 1.29 0.00	97.97 2.18 0.00	106.48 2.53 0.00	77.49 1.56 0.00	53.38 0.82 0.00	59.78 0.83 0.00	43.54 0.16 0.00	41.68 0.07 0.00	40.38 0.12 0.00	56.23 -0.01 0.00	69.45 0.13 0.00	78.97 0.26 0.00	84.03 0.12 0.00	98.92 -0.14 0.00	116.45 -0.21 0.00	148.97 -0.87 0.00	193.10 -1.47 0.00	150.97 -1.26 0.00	103.14 -0.49 0.00	113.67 -0.35 0.00	147.69 -0.02 0.00	161.57 0.56 0.00	97.44 0.11 0.00

FALCON___SEABRD_CC2 323797	93.18 0.83 0.00	91.91 1.29 0.00	97.97 2.18 0.00	106.48 2.53 0.00	77.49 1.56 0.00	53.38 0.82 0.00	59.78 0.83 0.00	43.54 0.16 0.00	41.68 0.07 0.00	40.38 0.12 0.00	56.23 -0.01 0.00	69.45 0.13 0.00	78.97 0.26 0.00	84.03 0.12 0.00	98.92 -0.14 0.00	116.45 -0.21 0.00	148.97 -0.87 0.00	193.10 -1.47 0.00	150.97 -1.26 0.00	103.14 -0.49 0.00	113.67 -0.35 0.00	147.69 -0.02 0.00	161.57 0.56 0.00	97.44 0.11 0.00
FAR ROCKAWAY___4 23548	102.06 9.71 0.00	99.68 9.07 0.00	104.85 9.06 0.00	113.35 9.40 0.00	86.66 6.97 -3.77	57.48 4.93 0.00	64.32 5.37 0.00	47.49 4.11 0.00	45.60 3.99 0.00	44.27 4.01 0.00	62.05 5.81 0.00	76.15 6.83 0.00	86.38 7.67 0.00	92.13 8.23 0.00	108.46 9.40 0.00	128.16 11.50 0.00	165.08 14.55 -0.68	223.06 18.59 -9.89	187.28 15.72 -19.32	147.71 11.37 -32.71	165.66 12.39 -39.26	163.15 15.44 0.00	176.91 15.90 0.00	106.61 9.29 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	99.72 7.38 0.00	97.69 7.07 0.00	102.91 7.12 0.00	111.22 7.27 0.00	85.17 5.47 -3.77	56.49 3.93 0.00	63.11 4.16 0.00	46.55 3.17 0.00	44.66 3.05 0.00	43.39 3.12 0.00	60.89 4.65 0.00	74.85 5.53 0.00	84.82 6.10 0.00	90.37 6.46 0.00	106.83 7.77 0.00	125.83 9.17 0.00	162.51 11.98 -0.68	220.08 15.61 -9.89	184.11 12.56 -19.32	145.21 8.88 -32.69	163.01 9.74 -39.25	159.51 11.81 0.00	172.87 11.86 0.00	104.24 6.91 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	99.77 7.42 0.00	97.71 7.10 0.00	102.97 7.18 0.00	111.31 7.36 0.00	85.22 5.52 -3.77	56.49 3.94 0.00	63.13 4.17 0.00	46.56 3.18 0.00	44.67 3.06 0.00	43.40 3.14 0.00	60.91 4.68 0.00	74.88 5.56 0.00	84.88 6.17 0.00	90.43 6.52 0.00	106.88 7.82 0.00	125.91 9.25 0.00	162.62 12.08 -0.68	220.26 15.79 -9.89	184.23 12.67 -19.32	145.31 8.97 -32.69	163.09 9.82 -39.25	159.63 11.92 0.00	172.97 11.96 0.00	104.29 6.97 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	99.67 7.32 0.00	97.62 7.01 0.00	102.87 7.08 0.00	111.19 7.24 0.00	85.15 5.45 -3.77	56.44 3.88 0.00	63.07 4.12 0.00	46.52 3.14 0.00	44.63 3.02 0.00	43.36 3.10 0.00	60.86 4.62 0.00	74.80 5.48 0.00	84.79 6.08 0.00	90.32 6.42 0.00	106.76 7.70 0.00	125.75 9.09 0.00	162.44 11.90 -0.68	219.95 15.48 -9.89	184.04 12.49 -19.32	145.14 8.80 -32.69	162.92 9.65 -39.25	159.39 11.68 0.00	172.74 11.73 0.00	104.17 6.85 0.00
FARRAGUT___LBMP 323566	99.60 7.26 0.00	97.55 6.93 0.00	102.80 7.00 0.00	111.10 7.15 0.00	85.08 5.39 -3.77	56.40 3.85 0.00	63.03 4.07 0.00	46.48 3.10 0.00	44.60 2.99 0.00	43.32 3.06 0.00	60.81 4.57 0.00	74.74 5.42 0.00	84.72 6.01 0.00	90.26 6.36 0.00	106.68 7.62 0.00	125.67 9.00 0.00	162.30 11.77 -0.68	219.87 15.40 -9.89	183.90 12.35 -19.32	145.07 8.73 -32.69	162.86 9.59 -39.25	159.28 11.57 0.00	172.61 11.61 0.00	104.09 6.76 0.00
FENNER___WINDPWR 24204	92.53 0.19 0.00	90.92 0.31 0.00	95.96 0.16 0.00	104.19 0.25 0.00	76.62 0.22 -0.47	52.77 0.22 0.00	59.18 0.22 0.00	43.71 0.33 0.00	42.00 0.39 0.00	40.70 0.43 0.00	56.98 0.74 0.00	70.26 0.94 0.00	79.57 0.86 0.00	85.00 1.10 0.00	100.59 1.53 0.00	118.59 1.93 0.00	152.52 2.68 0.00	198.34 3.76 0.00	155.19 2.95 0.00	106.12 2.11 -0.38	117.97 2.07 -1.89	150.32 2.61 0.00	163.85 2.84 0.00	99.00 1.68 0.00
FIBERTEK___ENERGY 23856	90.52 -1.83 0.00	88.83 -1.79 0.00	93.66 -2.13 0.00	101.73 -2.22 0.00	74.74 -1.59 -0.40	51.54 -1.01 0.00	57.77 -1.19 0.00	42.60 -0.79 0.00	40.89 -0.72 0.00	39.58 -0.68 0.00	55.35 -0.88 0.00	68.19 -1.13 0.00	77.39 -1.32 0.00	82.55 -1.36 0.00	97.54 -1.52 0.00	114.90 -1.77 0.00	147.70 -2.15 0.00	192.29 -2.29 0.00	150.45 -1.78 0.00	102.69 -1.27 -0.32	113.96 -1.68 -1.62	145.36 -2.35 0.00	158.56 -2.45 0.00	95.99 -1.33 0.00
FITZPATRICK___ 23598	88.29 -4.05 0.00	86.65 -3.96 0.00	91.49 -4.31 0.00	99.28 -4.67 0.00	72.83 -3.34 -0.23	50.28 -2.28 0.00	56.36 -2.59 0.00	41.50 -1.88 0.00	39.82 -1.79 0.00	38.53 -1.73 0.00	53.84 -2.39 0.00	66.39 -2.93 0.00	75.37 -3.35 0.00	80.38 -3.52 0.00	94.93 -4.12 0.00	111.76 -4.90 0.00	143.58 -6.27 0.00	186.71 -7.87 0.00	146.08 -6.15 0.00	99.67 -4.16 -0.19	110.21 -4.77 -0.96	141.47 -6.24 0.00	154.34 -6.67 0.00	93.46 -3.86 0.00
FLOWRFLD_69_KV_BK1 356044	102.76 10.42 0.00	100.26 9.64 0.00	105.40 9.61 0.00	113.85 9.90 0.00	87.03 7.33 -3.77	57.68 5.13 0.00	64.58 5.63 0.00	47.78 4.40 0.00	45.91 4.30 0.00	44.52 4.26 0.00	62.20 5.96 0.00	76.12 6.80 0.00	86.53 7.82 0.00	92.70 8.79 0.00	109.43 10.37 0.00	129.70 13.04 0.00	167.33 16.80 -0.68	224.49 20.02 -9.89	188.60 17.04 -19.32	149.18 12.84 -32.71	167.25 13.97 -39.26	164.91 17.20 0.00	178.13 17.13 0.00	107.28 9.96 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	100.25 7.90 0.00	98.17 7.55 0.00	103.46 7.67 0.00	111.95 8.00 0.00	85.69 5.99 -3.77	56.78 4.23 0.00	63.47 4.52 0.00	46.84 3.46 0.00	44.99 3.38 0.00	43.66 3.39 0.00	61.11 4.87 0.00	75.17 5.85 0.00	85.34 6.63 0.00	90.98 7.08 0.00	107.66 8.60 0.00	126.91 10.25 0.00	164.10 13.52 -0.73	223.22 18.02 -10.62	186.78 14.53 -20.01	147.38 10.10 -33.65	164.80 10.91 -39.88	160.96 13.25 0.00	174.44 13.43 0.00	105.13 7.81 0.00
FORT ORANGE___ 23900	96.99 4.64 0.00	95.19 4.58 0.00	100.54 4.75 0.00	109.15 5.20 0.00	84.73 3.90 -4.90	55.20 2.65 0.00	61.57 2.62 0.00	45.17 1.79 0.00	43.19 1.58 0.00	41.87 1.60 0.00	58.52 2.29 0.00	72.10 2.79 0.00	81.97 3.26 0.00	87.41 3.50 0.00	103.43 4.37 0.00	121.70 5.04 0.00	159.89 6.36 -3.68	256.19 8.33 -53.28	221.61 6.74 -62.64	201.92 4.67 -93.61	202.34 5.06 -83.27	153.81 6.10 0.00	167.33 6.33 0.00	101.96 4.64 0.00
FORT_DRUM_COGEN 23780	89.17 -3.17 0.00	87.49 -3.12 0.00	92.27 -3.53 0.00	100.14 -3.81 0.00	73.33 -2.80 -0.20	50.66 -1.89 0.00	57.19 -1.76 0.00	42.55 -0.83 0.00	40.92 -0.70 0.00	40.46 0.20 0.00	57.31 1.08 0.00	70.98 1.67 0.00	80.41 1.70 0.00	85.82 1.92 0.00	101.25 2.19 0.00	119.26 2.60 0.00	154.84 4.99 0.00	202.67 8.09 0.00	158.45 6.21 0.00	107.91 4.12 -0.16	118.85 4.04 -0.80	152.23 4.52 0.00	165.30 4.29 0.00	99.29 1.96 0.00
FOX_HILLS___ESR 323835	100.34 8.00 0.00	98.29 7.67 0.00	103.60 7.80 0.00	111.83 7.89 0.00	85.73 6.03 -3.77	75.32 4.46 -18.30	75.51 4.74 -11.81	76.19 3.57 -29.24	78.67 3.39 -33.67	79.97 3.45 -36.25	78.39 5.03 -17.12	126.88 6.01 -51.55	103.17 6.63 -17.82	124.09 6.80 -33.39	107.12 8.06 0.00	126.08 9.42 0.00	345.68 12.76 -183.06	779.68 16.89 -568.22	313.94 13.74 -147.97	294.29 9.66 -180.99	313.31 10.68 -188.61	306.93 13.05 -146.18	190.76 13.03 -16.72	113.41 7.74 -8.35
FPL FAR_ROCK_GT1 24212	102.06 9.71 0.00	99.68 9.07 0.00	104.85 9.06 0.00	113.31 9.36 0.00	86.66 6.96 -3.77	57.48 4.92 0.00	64.31 5.36 0.00	47.48 4.10 0.00	45.60 3.99 0.00	44.26 3.99 0.00	62.05 5.82 0.00	76.12 6.80 0.00	86.36 7.65 0.00	92.12 8.22 0.00	108.42 9.36 0.00	128.14 11.47 0.00	165.10 14.56 -0.68	223.03 18.56 -9.89	187.29 15.74 -19.32	147.70 11.36 -32.71	165.66 12.38 -39.26	163.14 15.43 0.00	176.91 15.90 0.00	106.61 9.29 0.00



FPL FAR_ROCK_GT2 23815	102.06 9.71 0.00	99.68 9.07 0.00	104.85 9.06 0.00	113.31 9.36 0.00	86.66 6.96 -3.77	57.48 4.92 0.00	64.31 5.36 0.00	47.48 4.10 0.00	45.60 3.99 0.00	44.26 3.99 0.00	62.05 5.82 0.00	76.12 6.80 0.00	86.36 7.65 0.00	92.12 8.22 0.00	108.42 9.36 0.00	128.14 11.47 0.00	165.10 14.56 -0.68	223.03 18.56 -9.89	187.29 15.74 -19.32	147.70 11.36 -32.71	165.66 12.38 -39.26	163.14 15.43 0.00	176.91 15.90 0.00	106.61 9.29 0.00
FRANKLIN_FALL_HYD 24054	92.83 0.48 0.00	91.38 0.76 0.00	97.26 1.47 0.00	105.59 1.64 0.00	76.89 0.96 0.00	53.18 0.63 0.00	59.90 0.95 0.00	43.80 0.42 0.00	42.05 0.44 0.00	40.76 0.50 0.00	56.83 0.59 0.00	70.30 0.98 0.00	79.80 1.09 0.00	84.90 1.00 0.00	99.73 0.67 0.00	117.53 0.87 0.00	150.68 0.83 0.00	195.86 1.28 0.00	153.12 0.89 0.00	104.28 0.64 0.00	115.06 1.04 0.00	149.37 1.66 0.00	163.39 2.39 0.00	98.31 0.99 0.00
FREEPORT_EQUS_GT1 23764	101.12 8.77 0.00	98.72 8.10 0.00	103.87 8.08 0.00	112.22 8.27 0.00	85.97 6.27 -3.77	57.07 4.52 0.00	63.86 4.91 0.00	47.18 3.80 0.00	45.32 3.71 0.00	43.98 3.71 0.00	61.60 5.36 0.00	75.51 6.19 0.00	85.54 6.83 0.00	91.30 7.39 0.00	107.76 8.70 0.00	127.01 10.34 0.00	163.70 13.16 -0.68	220.93 16.45 -9.89	185.65 14.09 -19.32	146.70 10.36 -32.71	164.88 11.60 -39.26	161.97 14.26 0.00	175.25 14.24 0.00	105.77 8.45 0.00
FREEPORT___CT2 23818	101.12 8.77 0.00	98.72 8.10 0.00	103.87 8.08 0.00	112.22 8.27 0.00	85.97 6.27 -3.77	57.07 4.52 0.00	63.86 4.91 0.00	47.18 3.80 0.00	45.32 3.71 0.00	43.98 3.71 0.00	61.60 5.36 0.00	75.51 6.19 0.00	85.54 6.83 0.00	91.30 7.39 0.00	107.76 8.70 0.00	127.01 10.34 0.00	163.70 13.16 -0.68	220.93 16.45 -9.89	185.65 14.09 -19.32	146.70 10.36 -32.71	164.88 11.60 -39.26	161.97 14.26 0.00	175.25 14.24 0.00	105.77 8.45 0.00
FRESHKLS_33_KV_LOAD 356253	100.42 8.08 0.00	98.31 7.70 0.00	103.65 7.86 0.00	111.81 7.86 0.00	85.78 6.08 -3.77	75.43 4.58 -18.30	75.62 4.85 -11.81	76.24 3.62 -29.24	78.70 3.42 -33.67	79.97 3.45 -36.25	78.32 4.96 -17.12	126.81 5.94 -51.55	103.06 6.52 -17.82	123.94 6.65 -33.39	106.97 7.92 0.00	125.90 9.23 0.00	345.57 12.65 -183.06	779.60 16.81 -568.22	313.93 13.73 -147.97	294.27 9.64 -180.99	313.33 10.70 -188.61	306.96 13.08 -146.18	190.82 13.09 -16.72	113.51 7.84 -8.35
FULTON COGEN____ 23766	89.03 -3.32 0.00	87.30 -3.31 0.00	92.15 -3.64 0.00	100.00 -3.95 0.00	73.44 -2.81 -0.31	50.61 -1.94 0.00	56.80 -2.16 0.00	41.86 -1.52 0.00	40.21 -1.40 0.00	38.94 -1.33 0.00	54.41 -1.83 0.00	67.04 -2.28 0.00	76.12 -2.60 0.00	81.22 -2.68 0.00	95.96 -3.10 0.00	112.93 -3.74 0.00	145.04 -4.81 0.00	188.79 -5.79 0.00	147.73 -4.50 0.00	100.81 -3.08 -0.25	111.62 -3.67 -1.27	142.76 -4.95 0.00	155.66 -5.35 0.00	94.23 -3.10 0.00
FULTON___LFGE 323630	97.22 4.87 0.00	95.37 4.76 0.00	100.70 4.91 0.00	109.23 5.28 0.00	85.29 3.88 -5.47	55.25 2.70 0.00	62.00 3.04 0.00	45.76 2.38 0.00	43.78 2.17 0.00	42.04 1.77 0.00	58.70 2.46 0.00	72.30 2.98 0.00	82.19 3.47 0.00	87.95 4.05 0.00	104.08 5.02 0.00	123.34 6.68 0.00	166.45 9.65 -6.95	308.67 13.50 -100.59	269.03 10.50 -106.29	264.24 7.16 -153.45	244.49 7.60 -122.87	157.38 9.67 0.00	171.39 10.38 0.00	103.46 6.14 0.00
G.F.CEMENT___DRP 24184	99.70 7.35 0.00	97.83 7.22 0.00	103.08 7.28 0.00	111.59 7.64 0.00	86.70 5.69 -5.08	56.48 3.93 0.00	63.39 4.43 0.00	46.83 3.45 0.00	44.90 3.29 0.00	43.46 3.19 0.00	60.62 4.37 0.00	74.58 5.26 0.00	85.03 6.32 0.00	90.61 6.71 0.00	107.46 8.41 0.00	126.73 10.06 0.00	170.11 13.21 -7.04	314.05 17.55 -101.92	274.68 14.16 -108.29	269.49 9.76 -156.10	248.09 10.54 -123.53	160.61 12.90 0.00	173.91 12.90 0.00	104.82 7.49 0.00
GARDENVILLE___LBMP 24039	55.92 -9.55 26.88	54.84 -9.20 26.57	57.70 -10.59 27.50	62.64 -11.57 29.74	44.13 -8.13 23.68	27.97 -5.25 19.34	32.47 -5.83 20.65	17.41 -5.02 20.95	19.44 -4.67 17.49	17.76 -4.81 17.68	28.66 -6.76 20.82	38.60 -8.16 22.56	44.25 -9.36 25.10	48.22 -9.76 25.92	59.18 -11.71 28.17	81.05 -13.82 21.79	130.68 -17.92 1.25	166.80 -21.59 6.18	135.86 -17.25 -0.88	97.18 -11.54 -5.08	106.81 -13.73 -6.53	130.92 -16.78 0.00	145.92 -15.09 0.00	90.50 -6.82 0.00
GARDNVLA_35_KV_LD 355827	61.61 -9.17 21.57	60.44 -8.85 21.32	63.52 -10.20 22.06	68.92 -11.17 23.86	49.23 -7.84 18.87	32.01 -5.03 15.52	36.78 -5.60 16.57	21.74 -4.85 16.78	23.08 -4.51 14.03	21.42 -4.65 14.19	33.01 -6.54 16.69	43.36 -7.86 18.10	49.50 -9.05 20.16	53.69 -9.41 20.80	65.15 -11.30 22.60	85.91 -13.26 17.49	131.63 -17.22 1.00	168.91 -20.70 4.96	136.91 -16.58 -1.27	97.73 -11.03 -5.13	107.38 -13.23 -6.59	131.55 -16.15 0.00	146.55 -14.45 0.00	90.90 -6.43 0.00
GELCKHM___115KV_LOAD 80723	89.86 -2.49 0.00	88.19 -2.42 0.00	92.99 -2.80 0.00	100.97 -2.98 0.00	74.17 -2.12 -0.36	51.17 -1.38 0.00	57.34 -1.62 0.00	42.25 -1.13 0.00	40.56 -1.06 0.00	39.27 -1.00 0.00	54.90 -1.34 0.00	67.65 -1.68 0.00	76.79 -1.93 0.00	81.88 -2.03 0.00	96.76 -2.30 0.00	113.96 -2.70 0.00	146.47 -3.37 0.00	190.64 -3.94 0.00	149.18 -3.06 0.00	101.83 -2.09 -0.29	112.88 -2.59 -1.45	144.20 -3.50 0.00	157.33 -3.68 0.00	95.28 -2.05 0.00
GENERAL___MILLS 23808	60.09 -9.24 23.01	58.96 -8.91 22.74	61.98 -10.27 23.54	67.25 -11.24 25.46	47.87 -7.89 20.17	30.92 -5.07 16.56	35.62 -5.66 17.68	20.57 -4.89 17.91	22.10 -4.54 14.97	20.43 -4.70 15.14	31.83 -6.59 17.81	42.07 -7.93 19.31	48.08 -9.13 21.50	52.21 -9.50 22.19	63.55 -11.39 24.11	84.59 -13.41 18.66	131.34 -17.44 1.07	168.31 -20.98 5.30	136.58 -16.81 -1.16	97.55 -11.20 -5.12	107.21 -13.38 -6.58	131.35 -16.35 0.00	146.36 -14.65 0.00	90.79 -6.53 0.00
GE_PLASTICS___DRP 24183	96.01 3.67 0.00	94.27 3.66 0.00	99.60 3.81 0.00	108.14 4.19 0.00	84.00 3.16 -4.90	54.67 2.11 0.00	61.12 2.16 0.00	44.98 1.60 0.00	43.07 1.46 0.00	41.71 1.45 0.00	58.32 2.08 0.00	71.83 2.51 0.00	81.65 2.94 0.00	87.05 3.15 0.00	102.92 3.86 0.00	121.10 4.44 0.00	158.49 5.61 -3.03	245.72 7.28 -43.86	212.11 6.00 -53.88	189.52 4.20 -81.69	194.33 4.56 -75.76	153.29 5.58 0.00	166.69 5.68 0.00	100.98 3.66 0.00
GILBOA___1 23756	95.59 3.24 0.00	93.98 3.36 0.00	99.33 3.53 0.00	108.30 4.36 0.00	82.91 3.12 -3.86	54.43 1.88 0.00	60.72 1.77 0.00	44.74 1.36 0.00	42.91 1.29 0.00	41.56 1.30 0.00	58.10 1.86 0.00	71.54 2.22 0.00	81.24 2.53 0.00	86.62 2.71 0.00	102.31 3.25 0.00	120.26 3.60 0.00	154.77 4.49 -0.43	206.53 5.71 -6.24	173.61 5.19 -16.19	135.96 3.73 -28.59	155.26 4.12 -37.12	152.69 4.98 0.00	166.08 5.07 0.00	100.54 3.21 0.00
GILBOA___2 23757	95.59 3.24 0.00	93.98 3.36 0.00	99.33 3.53 0.00	108.30 4.36 0.00	82.91 3.12 -3.86	54.43 1.88 0.00	60.72 1.77 0.00	44.74 1.36 0.00	42.91 1.29 0.00	41.56 1.30 0.00	58.10 1.86 0.00	71.54 2.22 0.00	81.24 2.53 0.00	86.62 2.71 0.00	102.31 3.25 0.00	120.26 3.60 0.00	154.77 4.49 -0.43	206.53 5.71 -6.24	173.61 5.19 -16.19	135.96 3.73 -28.59	155.26 4.12 -37.12	152.69 4.98 0.00	166.08 5.07 0.00	100.54 3.21 0.00

GILBOA___3 23758	95.59 3.24 0.00	93.98 3.36 0.00	99.33 3.53 0.00	108.30 4.36 0.00	82.91 3.12 -3.86	54.43 1.88 0.00	60.72 1.77 0.00	44.74 1.36 0.00	42.91 1.29 0.00	41.56 1.30 0.00	58.10 1.86 0.00	71.54 2.22 0.00	81.24 2.53 0.00	86.62 2.71 0.00	102.31 3.25 0.00	120.26 3.60 0.00	154.77 4.49 -0.43	206.53 5.71 -6.24	173.61 5.19 -16.19	135.96 3.73 -28.59	155.26 4.12 -37.12	152.69 4.98 0.00	166.08 5.07 0.00	100.54 3.21 0.00
GILBOA___4 23759	95.59 3.24 0.00	93.98 3.36 0.00	99.33 3.53 0.00	108.30 4.36 0.00	82.91 3.12 -3.86	54.43 1.88 0.00	60.72 1.77 0.00	44.74 1.36 0.00	42.91 1.29 0.00	41.56 1.30 0.00	58.10 1.86 0.00	71.54 2.22 0.00	81.24 2.53 0.00	86.62 2.71 0.00	102.31 3.25 0.00	120.26 3.60 0.00	154.77 4.49 -0.43	206.53 5.71 -6.24	173.61 5.19 -16.19	135.96 3.73 -28.59	155.26 4.12 -37.12	152.69 4.98 0.00	166.08 5.07 0.00	100.54 3.21 0.00
GILBOA___ 23599	95.59 3.24 0.00	93.97 3.36 0.00	99.33 3.54 0.00	108.31 4.37 0.00	82.92 3.13 -3.86	54.45 1.89 0.00	60.72 1.77 0.00	44.74 1.36 0.00	42.90 1.29 0.00	41.56 1.30 0.00	58.11 1.87 0.00	71.55 2.23 0.00	81.26 2.55 0.00	86.63 2.73 0.00	102.31 3.25 0.00	120.27 3.61 0.00	154.75 4.48 -0.43	206.53 5.71 -6.24	173.61 5.19 -16.19	135.97 3.74 -28.59	155.26 4.13 -37.12	152.69 4.99 0.00	166.07 5.06 0.00	100.54 3.22 0.00
GINNA___ 23603	83.31 -9.04 0.00	81.81 -8.80 0.00	86.02 -9.77 0.00	93.28 -10.66 0.00	68.80 -7.60 -0.46	47.54 -5.02 0.00	53.36 -5.59 0.00	39.02 -4.36 0.00	37.48 -4.13 0.00	36.13 -4.14 0.00	50.53 -5.71 0.00	62.42 -6.90 0.00	70.87 -7.85 -0.01	75.65 -8.25 0.00	89.24 -9.82 0.00	105.08 -11.58 0.00	134.93 -14.92 0.00	176.11 -18.46 0.00	137.35 -14.88 0.00	93.81 -10.20 -0.38	104.02 -11.93 -1.94	132.27 -15.44 0.00	145.36 -15.64 0.00	88.86 -8.46 0.00
GLEN PARK___ 23778	89.65 -2.69 0.00	87.95 -2.66 0.00	92.73 -3.07 0.00	100.66 -3.28 0.00	73.73 -2.41 -0.20	50.92 -1.63 0.00	57.50 -1.46 0.00	42.79 -0.59 0.00	41.15 -0.46 0.00	40.68 0.42 0.00	57.62 1.38 0.00	71.30 1.98 0.00	80.77 2.06 0.00	86.20 2.30 0.00	101.65 2.59 0.00	119.65 2.99 0.00	155.59 5.74 0.00	203.84 9.26 0.00	159.37 7.14 0.00	108.52 4.72 -0.16	119.48 4.64 -0.82	152.96 5.26 0.00	165.98 4.97 0.00	99.74 2.41 0.00
GLENDALE_27_KV_LOAD 356172	100.35 8.01 0.00	98.26 7.65 0.00	103.54 7.75 0.00	111.86 7.91 0.00	85.62 5.92 -3.77	56.80 4.25 0.00	63.47 4.52 0.00	46.83 3.44 0.00	44.92 3.31 0.00	43.67 3.41 0.00	61.30 5.07 0.00	75.33 6.01 0.00	85.43 6.71 0.00	90.96 7.06 0.00	107.48 8.42 0.00	126.63 9.97 0.00	163.71 13.18 -0.68	221.75 17.28 -9.89	185.45 13.90 -19.32	146.16 9.82 -32.70	163.96 10.69 -39.25	160.68 12.98 0.00	173.99 12.99 0.00	104.90 7.58 0.00
GLENWOOD_IC_1_G5 23712	100.60 8.26 0.00	98.39 7.77 0.00	103.60 7.81 0.00	112.01 8.06 0.00	85.71 6.01 -3.77	56.80 4.25 0.00	63.53 4.58 0.00	46.89 3.51 0.00	45.02 3.41 0.00	43.71 3.45 0.00	61.27 5.03 0.00	75.24 5.92 0.00	85.34 6.63 0.00	91.08 7.17 0.00	107.58 8.52 0.00	126.87 10.21 0.00	162.69 12.15 -0.68	219.95 15.48 -9.89	184.52 12.96 -19.32	145.70 9.36 -32.71	163.53 10.25 -39.26	160.29 12.58 0.00	174.52 13.51 0.00	105.21 7.89 0.00
GLENWOOD_IC_2_G1 23688	100.06 7.71 0.00	97.90 7.28 0.00	103.09 7.30 0.00	111.47 7.53 0.00	85.35 5.65 -3.77	56.54 3.99 0.00	63.23 4.27 0.00	46.65 3.28 0.00	44.79 3.18 0.00	43.49 3.22 0.00	60.94 4.70 0.00	74.85 5.53 0.00	84.90 6.19 0.00	90.57 6.67 0.00	107.03 7.97 0.00	126.19 9.53 0.00	162.74 12.21 -0.68	220.10 15.63 -9.89	184.58 13.03 -19.32	145.66 9.32 -32.71	163.48 10.21 -39.26	160.15 12.44 0.00	173.60 12.59 0.00	104.66 7.34 0.00
GLENWOOD_IC_3_G1 23689	100.06 7.71 0.00	97.90 7.28 0.00	103.09 7.30 0.00	111.47 7.53 0.00	85.35 5.65 -3.77	56.54 3.99 0.00	63.23 4.27 0.00	46.65 3.28 0.00	44.79 3.18 0.00	43.49 3.22 0.00	60.94 4.70 0.00	74.85 5.53 0.00	84.90 6.19 0.00	90.57 6.67 0.00	107.03 7.97 0.00	126.19 9.53 0.00	162.74 12.21 -0.68	220.10 15.63 -9.89	184.58 13.03 -19.32	145.66 9.32 -32.71	163.48 10.21 -39.26	160.15 12.44 0.00	173.60 12.59 0.00	104.66 7.34 0.00
GLENWOOD___4 23550	100.60 8.26 0.00	98.39 7.77 0.00	103.60 7.81 0.00	112.01 8.06 0.00	85.71 6.01 -3.77	56.80 4.25 0.00	63.53 4.58 0.00	46.89 3.51 0.00	45.02 3.41 0.00	43.71 3.45 0.00	61.27 5.03 0.00	75.24 5.92 0.00	85.34 6.63 0.00	91.08 7.17 0.00	107.58 8.52 0.00	126.89 10.23 0.00	163.06 12.53 -0.68	220.47 16.00 -9.89	184.92 13.37 -19.32	145.96 9.62 -32.71	163.79 10.51 -39.26	160.61 12.91 0.00	174.52 13.51 0.00	105.21 7.89 0.00
GLENWOOD___5 23614	100.60 8.26 0.00	98.39 7.77 0.00	103.60 7.81 0.00	112.01 8.06 0.00	85.71 6.01 -3.77	56.80 4.25 0.00	63.53 4.58 0.00	46.89 3.51 0.00	45.02 3.41 0.00	43.71 3.45 0.00	61.27 5.03 0.00	75.24 5.92 0.00	85.34 6.63 0.00	91.08 7.17 0.00	107.58 8.52 0.00	126.89 10.23 0.00	163.06 12.53 -0.68	220.47 16.00 -9.89	184.92 13.37 -19.32	145.96 9.62 -32.71	163.79 10.51 -39.26	160.61 12.91 0.00	174.52 13.51 0.00	105.21 7.89 0.00
GLOBAL GREEN_PORT_GT1 23814	102.76 10.42 0.00	100.11 9.50 0.00	105.28 9.49 0.00	113.73 9.79 0.00	86.95 7.24 -3.77	57.65 5.10 0.00	64.64 5.68 0.00	47.86 4.48 0.00	45.95 4.34 0.00	44.47 4.20 0.00	61.91 5.67 0.00	75.56 6.24 0.00	85.97 7.26 0.00	92.24 8.34 0.00	109.11 10.05 0.00	129.63 12.97 0.00	167.32 16.79 -0.68	219.80 15.32 -9.89	186.14 14.58 -19.32	149.77 13.43 -32.71	167.72 14.44 -39.26	165.32 17.62 0.00	178.40 17.39 0.00	107.25 9.93 0.00
GLOBE___DSASP 323697	62.68 -12.27 17.39	61.48 -11.94 17.19	64.42 -13.58 17.80	69.81 -14.89 19.25	50.30 -10.49 15.14	33.22 -6.81 12.52	38.01 -7.58 13.37	23.21 -6.61 13.57	24.00 -6.29 11.33	22.21 -6.61 11.45	33.53 -9.22 13.48	43.38 -11.33 14.60	49.53 -12.89 16.29	53.48 -13.65 16.78	64.48 -16.35 18.23	83.21 -19.35 14.11	124.05 -24.99 0.81	159.52 -31.06 4.00	128.87 -24.67 -1.31	91.53 -16.78 -4.68	100.50 -19.46 -5.95	123.49 -24.22 0.00	138.20 -22.81 0.00	86.20 -11.12 0.00
GOETHSLN___LBMP 323567	99.18 6.84 0.00	97.15 6.53 0.00	102.37 6.58 0.00	110.62 6.68 0.00	84.74 5.04 -3.77	56.15 3.60 0.00	62.75 3.79 0.00	46.26 2.88 0.00	44.38 2.77 0.00	43.12 2.85 0.00	60.51 4.27 0.00	74.37 5.05 0.00	84.25 5.54 0.00	89.78 5.88 0.00	106.14 7.08 0.00	125.03 8.37 0.00	161.54 11.01 -0.68	218.83 14.37 -9.89	183.11 11.56 -19.32	144.50 8.16 -32.69	162.22 8.95 -39.25	158.49 10.78 0.00	171.77 10.76 0.00	103.62 6.30 0.00
GOLAH___69_KV_TB 1_2 80279	86.44 -5.90 0.00	84.86 -5.75 0.00	89.02 -6.77 0.00	96.48 -7.46 0.00	71.19 -5.23 -0.49	49.27 -3.28 0.00	55.33 -3.62 0.00	40.31 -3.08 -0.01	38.77 -2.85 -0.01	37.22 -3.04 0.00	52.00 -4.25 -0.01	64.18 -5.14 0.00	72.87 -5.85 0.00	77.90 -6.00 0.00	91.98 -7.08 0.00	108.23 -8.43 0.00	139.00 -10.85 0.00	181.74 -12.84 0.00	141.75 -10.48 0.00	96.81 -7.22 -0.39	107.19 -8.82 -2.00	136.53 -11.18 0.00	150.58 -10.43 0.00	92.49 -4.83 0.00

GOODYEAR_LAKE_HYD 323669	95.34 3.00 0.00	93.60 2.99 0.00	98.90 3.11 0.00	107.41 3.47 0.00	79.71 2.56 -1.22	54.27 1.72 0.00	60.74 1.79 0.00	44.83 1.45 0.00	43.12 1.51 0.00	41.77 1.51 0.00	58.43 2.19 0.00	71.97 2.65 0.00	81.64 2.93 0.01	87.04 3.13 0.00	102.79 3.73 0.00	121.17 4.50 0.00	158.03 6.03 -2.15	233.97 8.30 -31.09	195.42 6.81 -36.37	161.40 4.77 -53.00	160.60 4.99 -41.60	154.02 6.31 0.00	167.84 6.84 0.00	101.43 4.11 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	91.01 -1.34 0.00	89.35 -1.27 0.00	94.23 -1.56 0.00	102.37 -1.58 0.00	76.09 -1.10 -1.26	51.83 -0.72 0.00	57.95 -1.01 0.00	42.80 -0.58 0.00	41.12 -0.49 0.00	39.78 -0.48 0.00	55.76 -0.48 0.00	68.68 -0.65 0.00	77.80 -0.90 0.02	83.04 -0.86 0.00	98.15 -0.91 0.00	115.48 -1.18 0.00	148.44 -1.71 -0.30	197.14 -1.75 -4.31	158.56 -1.22 -7.55	115.47 -0.63 -12.46	127.02 -1.07 -14.07	146.38 -1.33 0.00	160.20 -0.81 0.00	96.95 -0.38 0.00
GOUDEY___7 23579	91.01 -1.34 0.00	89.35 -1.27 0.00	94.23 -1.56 0.00	102.37 -1.58 0.00	76.09 -1.10 -1.26	51.83 -0.72 0.00	57.95 -1.01 0.00	42.80 -0.58 0.00	41.12 -0.49 0.00	39.78 -0.48 0.00	55.76 -0.48 0.00	68.68 -0.65 0.00	77.80 -0.90 0.02	83.04 -0.86 0.00	98.15 -0.91 0.00	115.48 -1.18 0.00	148.44 -1.71 -0.30	197.14 -1.75 -4.31	158.56 -1.22 -7.55	115.47 -0.63 -12.46	127.02 -1.07 -14.07	146.38 -1.33 0.00	160.20 -0.81 0.00	96.95 -0.38 0.00
GOUDEY___8 23580	91.01 -1.34 0.00	89.35 -1.27 0.00	94.23 -1.56 0.00	102.37 -1.58 0.00	76.09 -1.10 -1.26	51.83 -0.72 0.00	57.95 -1.01 0.00	42.80 -0.58 0.00	41.12 -0.49 0.00	39.78 -0.48 0.00	55.76 -0.48 0.00	68.68 -0.65 0.00	77.80 -0.90 0.02	83.04 -0.86 0.00	98.15 -0.91 0.00	115.48 -1.18 0.00	148.44 -1.71 -0.30	197.14 -1.75 -4.31	158.56 -1.22 -7.55	115.47 -0.63 -12.46	127.02 -1.07 -14.07	146.38 -1.33 0.00	160.20 -0.81 0.00	96.95 -0.38 0.00
GOWANUS_GT1_1 24077	100.49 8.15 0.00	98.42 7.81 0.00	103.73 7.94 0.00	111.99 8.04 0.00	85.81 6.11 -3.77	75.29 4.43 -18.30	75.49 4.72 -11.81	76.19 3.57 -29.24	78.71 3.43 -33.67	80.03 3.51 -36.25	78.51 5.15 -17.12	127.02 6.15 -51.55	103.36 6.83 -17.82	124.36 7.07 -33.39	107.47 8.42 0.00	126.48 9.82 0.00	346.08 13.17 -183.06	780.14 17.35 -568.22	314.23 14.03 -147.97	294.52 9.89 -180.99	313.51 10.89 -188.61	307.19 13.31 -146.18	191.08 13.35 -16.72	113.53 7.86 -8.35
GOWANUS_GT1_2 24078	100.49 8.15 0.00	98.42 7.81 0.00	103.73 7.94 0.00	111.99 8.04 0.00	85.81 6.11 -3.77	75.29 4.43 -18.30	75.49 4.72 -11.81	76.19 3.57 -29.24	78.71 3.43 -33.67	80.03 3.51 -36.25	78.51 5.15 -17.12	127.02 6.15 -51.55	103.36 6.83 -17.82	124.36 7.07 -33.39	107.47 8.42 0.00	126.48 9.82 0.00	346.08 13.17 -183.06	780.14 17.35 -568.22	314.23 14.03 -147.97	294.52 9.89 -180.99	313.51 10.89 -188.61	307.19 13.31 -146.18	191.08 13.35 -16.72	113.53 7.86 -8.35
GOWANUS_GT1_3 24079	100.49 8.15 0.00	98.42 7.81 0.00	103.73 7.94 0.00	111.99 8.04 0.00	85.81 6.11 -3.77	75.29 4.43 -18.30	75.49 4.72 -11.81	76.19 3.57 -29.24	78.71 3.43 -33.67	80.03 3.51 -36.25	78.51 5.15 -17.12	127.02 6.15 -51.55	103.36 6.83 -17.82	124.36 7.07 -33.39	107.47 8.42 0.00	126.48 9.82 0.00	346.08 13.17 -183.06	780.14 17.35 -568.22	314.23 14.03 -147.97	294.52 9.89 -180.99	313.51 10.89 -188.61	307.19 13.31 -146.18	191.08 13.35 -16.72	113.53 7.86 -8.35
GOWANUS_GT1_4 24080	100.49 8.15 0.00	98.42 7.81 0.00	103.73 7.94 0.00	111.99 8.04 0.00	85.81 6.11 -3.77	75.29 4.43 -18.30	75.49 4.72 -11.81	76.19 3.57 -29.24	78.71 3.43 -33.67	80.03 3.51 -36.25	78.51 5.15 -17.12	127.02 6.15 -51.55	103.36 6.83 -17.82	124.36 7.07 -33.39	107.47 8.42 0.00	126.48 9.82 0.00	346.08 13.17 -183.06	780.14 17.35 -568.22	314.23 14.03 -147.97	294.52 9.89 -180.99	313.51 10.89 -188.61	307.19 13.31 -146.18	191.08 13.35 -16.72	113.53 7.86 -8.35
GOWANUS_GT1_5 24084	100.49 8.15 0.00	98.42 7.81 0.00	103.73 7.94 0.00	111.99 8.04 0.00	85.81 6.11 -3.77	75.29 4.43 -18.30	75.49 4.72 -11.81	76.19 3.57 -29.24	78.71 3.43 -33.67	80.03 3.51 -36.25	78.51 5.15 -17.12	127.02 6.15 -51.55	103.36 6.83 -17.82	124.36 7.07 -33.39	107.47 8.42 0.00	126.48 9.82 0.00	346.08 13.17 -183.06	780.14 17.35 -568.22	314.23 14.03 -147.97	294.52 9.89 -180.99	313.51 10.89 -188.61	307.19 13.31 -146.18	191.08 13.35 -16.72	113.53 7.86 -8.35
GOWANUS_GT1_6 24111	100.49 8.15 0.00	98.42 7.81 0.00	103.73 7.94 0.00	111.99 8.04 0.00	85.81 6.11 -3.77	75.29 4.43 -18.30	75.49 4.72 -11.81	76.19 3.57 -29.24	78.71 3.43 -33.67	80.03 3.51 -36.25	78.51 5.15 -17.12	127.02 6.15 -51.55	103.36 6.83 -17.82	124.36 7.07 -33.39	107.47 8.42 0.00	126.48 9.82 0.00	346.08 13.17 -183.06	780.14 17.35 -568.22	314.23 14.03 -147.97	294.52 9.89 -180.99	313.51 10.89 -188.61	307.19 13.31 -146.18	191.08 13.35 -16.72	113.53 7.86 -8.35
GOWANUS_GT1_7 24112	100.49 8.15 0.00	98.42 7.81 0.00	103.73 7.94 0.00	111.99 8.04 0.00	85.81 6.11 -3.77	75.29 4.43 -18.30	75.49 4.72 -11.81	76.19 3.57 -29.24	78.71 3.43 -33.67	80.03 3.51 -36.25	78.51 5.15 -17.12	127.02 6.15 -51.55	103.36 6.83 -17.82	124.36 7.07 -33.39	107.47 8.42 0.00	126.48 9.82 0.00	346.08 13.17 -183.06	780.14 17.35 -568.22	314.23 14.03 -147.97	294.52 9.89 -180.99	313.51 10.89 -188.61	307.19 13.31 -146.18	191.08 13.35 -16.72	113.53 7.86 -8.35
GOWANUS_GT1_8 24113	100.49 8.15 0.00	98.42 7.81 0.00	103.73 7.94 0.00	111.99 8.04 0.00	85.81 6.11 -3.77	75.29 4.43 -18.30	75.49 4.72 -11.81	76.19 3.57 -29.24	78.71 3.43 -33.67	80.03 3.51 -36.25	78.51 5.15 -17.12	127.02 6.15 -51.55	103.36 6.83 -17.82	124.36 7.07 -33.39	107.47 8.42 0.00	126.48 9.82 0.00	346.08 13.17 -183.06	780.14 17.35 -568.22	314.23 14.03 -147.97	294.52 9.89 -180.99	313.51 10.89 -188.61	307.19 13.31 -146.18	191.08 13.35 -16.72	113.53 7.86 -8.35
GOWANUS_GT2_1 24114	100.49 8.15 0.00	98.42 7.80 0.00	103.69 7.90 0.00	111.97 8.02 0.00	85.81 6.11 -3.77	75.27 4.41 -18.30	75.47 4.70 -11.81	76.19 3.57 -29.24	78.71 3.43 -33.67	80.02 3.50 -36.25	78.49 5.14 -17.12	126.99 6.12 -51.55	103.32 6.78 -17.82	124.33 7.05 -33.39	107.42 8.36 0.00	126.46 9.80 0.00	346.08 13.17 -183.06	780.11 17.32 -568.22	314.30 14.10 -147.97	294.53 9.91 -180.99	313.52 10.89 -188.61	307.19 13.31 -146.18	191.12 13.39 -16.72	113.52 7.85 -8.35
GOWANUS_GT2_2 24115	100.49 8.15 0.00	98.42 7.80 0.00	103.69 7.90 0.00	111.97 8.02 0.00	85.81 6.11 -3.77	75.27 4.41 -18.30	75.47 4.70 -11.81	76.19 3.57 -29.24	78.71 3.43 -33.67	80.02 3.50 -36.25	78.49 5.14 -17.12	126.99 6.12 -51.55	103.32 6.78 -17.82	124.33 7.05 -33.39	107.42 8.36 0.00	126.46 9.80 0.00	346.08 13.17 -183.06	780.11 17.32 -568.22	314.30 14.10 -147.97	294.53 9.91 -180.99	313.52 10.89 -188.61	307.19 13.31 -146.18	191.12 13.39 -16.72	113.52 7.85 -8.35
GOWANUS_GT2_3 24116	100.49 8.15 0.00	98.42 7.80 0.00	103.69 7.90 0.00	111.97 8.02 0.00	85.81 6.11 -3.77	75.27 4.41 -18.30	75.47 4.70 -11.81	76.19 3.57 -29.24	78.71 3.43 -33.67	80.02 3.50 -36.25	78.49 5.14 -17.12	126.99 6.12 -51.55	103.32 6.78 -17.82	124.33 7.05 -33.39	107.42 8.36 0.00	126.46 9.80 0.00	346.08 13.17 -183.06	780.11 17.32 -568.22	314.30 14.10 -147.97	294.53 9.91 -180.99	313.52 10.89 -188.61	307.19 13.31 -146.18	191.12 13.39 -16.72	113.52 7.85 -8.35

GOWANUS_GT2_4 24117	100.49 8.15 0.00	98.42 7.80 0.00	103.69 7.90 0.00	111.97 8.02 0.00	85.81 6.11 -3.77	75.27 4.41 -18.30	75.47 4.70 -11.81	76.19 3.57 -29.24	78.71 3.43 -33.67	80.02 3.50 -36.25	78.49 5.14 -17.12	126.99 6.12 -51.55	103.32 6.78 -17.82	124.33 7.05 -33.39	107.42 8.36 0.00	126.46 9.80 0.00	346.08 13.17 -183.06	780.11 17.32 -568.22	314.30 14.10 -147.97	294.53 9.91 -180.99	313.52 10.89 -188.61	307.19 13.31 -146.18	191.12 13.39 -16.72	113.52 7.85 -8.35
GOWANUS_GT2_5 24118	100.49 8.15 0.00	98.42 7.80 0.00	103.69 7.90 0.00	111.97 8.02 0.00	85.81 6.11 -3.77	75.27 4.41 -18.30	75.47 4.70 -11.81	76.19 3.57 -29.24	78.71 3.43 -33.67	80.02 3.50 -36.25	78.49 5.14 -17.12	126.99 6.12 -51.55	103.32 6.78 -17.82	124.33 7.05 -33.39	107.42 8.36 0.00	126.46 9.80 0.00	346.08 13.17 -183.06	780.11 17.32 -568.22	314.30 14.10 -147.97	294.53 9.91 -180.99	313.52 10.89 -188.61	307.19 13.31 -146.18	191.12 13.39 -16.72	113.52 7.85 -8.35
GOWANUS_GT2_6 24119	100.49 8.15 0.00	98.42 7.80 0.00	103.69 7.90 0.00	111.97 8.02 0.00	85.81 6.11 -3.77	75.27 4.41 -18.30	75.47 4.70 -11.81	76.19 3.57 -29.24	78.71 3.43 -33.67	80.02 3.50 -36.25	78.49 5.14 -17.12	126.99 6.12 -51.55	103.32 6.78 -17.82	124.33 7.05 -33.39	107.42 8.36 0.00	126.46 9.80 0.00	346.08 13.17 -183.06	780.11 17.32 -568.22	314.30 14.10 -147.97	294.53 9.91 -180.99	313.52 10.89 -188.61	307.19 13.31 -146.18	191.12 13.39 -16.72	113.52 7.85 -8.35
GOWANUS_GT2_7 24120	100.49 8.15 0.00	98.42 7.80 0.00	103.69 7.90 0.00	111.97 8.02 0.00	85.81 6.11 -3.77	75.27 4.41 -18.30	75.47 4.70 -11.81	76.19 3.57 -29.24	78.71 3.43 -33.67	80.02 3.50 -36.25	78.49 5.14 -17.12	126.99 6.12 -51.55	103.32 6.78 -17.82	124.33 7.05 -33.39	107.42 8.36 0.00	126.46 9.80 0.00	346.08 13.17 -183.06	780.11 17.32 -568.22	314.30 14.10 -147.97	294.53 9.91 -180.99	313.52 10.89 -188.61	307.19 13.31 -146.18	191.12 13.39 -16.72	113.52 7.85 -8.35
GOWANUS_GT2_8 24121	100.49 8.15 0.00	98.42 7.80 0.00	103.69 7.90 0.00	111.97 8.02 0.00	85.81 6.11 -3.77	75.27 4.41 -18.30	75.47 4.70 -11.81	76.19 3.57 -29.24	78.71 3.43 -33.67	80.02 3.50 -36.25	78.49 5.14 -17.12	126.99 6.12 -51.55	103.32 6.78 -17.82	124.33 7.05 -33.39	107.42 8.36 0.00	126.46 9.80 0.00	346.08 13.17 -183.06	780.11 17.32 -568.22	314.30 14.10 -147.97	294.53 9.91 -180.99	313.52 10.89 -188.61	307.19 13.31 -146.18	191.12 13.39 -16.72	113.52 7.85 -8.35
GOWANUS_GT3_1 24122	100.49 8.15 0.00	98.42 7.80 0.00	103.69 7.90 0.00	111.97 8.02 0.00	85.81 6.11 -3.77	75.27 4.41 -18.30	75.47 4.70 -11.81	76.19 3.57 -29.24	78.71 3.43 -33.67	80.02 3.50 -36.25	78.49 5.14 -17.12	126.99 6.12 -51.55	103.32 6.78 -17.82	124.33 7.05 -33.39	107.42 8.36 0.00	126.46 9.80 0.00	346.08 13.17 -183.06	780.11 17.32 -568.22	314.30 14.10 -147.97	294.53 9.91 -180.99	313.52 10.89 -188.61	307.19 13.31 -146.18	191.12 13.39 -16.72	113.52 7.85 -8.35
GOWANUS_GT3_2 24123	100.49 8.15 0.00	98.42 7.80 0.00	103.69 7.90 0.00	111.97 8.02 0.00	85.81 6.11 -3.77	75.27 4.41 -18.30	75.47 4.70 -11.81	76.19 3.57 -29.24	78.71 3.43 -33.67	80.02 3.50 -36.25	78.49 5.14 -17.12	126.99 6.12 -51.55	103.32 6.78 -17.82	124.33 7.05 -33.39	107.42 8.36 0.00	126.46 9.80 0.00	346.08 13.17 -183.06	780.11 17.32 -568.22	314.30 14.10 -147.97	294.53 9.91 -180.99	313.52 10.89 -188.61	307.19 13.31 -146.18	191.12 13.39 -16.72	113.52 7.85 -8.35
GOWANUS_GT3_3 24124	100.49 8.15 0.00	98.42 7.80 0.00	103.69 7.90 0.00	111.97 8.02 0.00	85.81 6.11 -3.77	75.27 4.41 -18.30	75.47 4.70 -11.81	76.19 3.57 -29.24	78.71 3.43 -33.67	80.02 3.50 -36.25	78.49 5.14 -17.12	126.99 6.12 -51.55	103.32 6.78 -17.82	124.33 7.05 -33.39	107.42 8.36 0.00	126.46 9.80 0.00	346.08 13.17 -183.06	780.11 17.32 -568.22	314.30 14.10 -147.97	294.53 9.91 -180.99	313.52 10.89 -188.61	307.19 13.31 -146.18	191.12 13.39 -16.72	113.52 7.85 -8.35
GOWANUS_GT3_4 24125	100.49 8.15 0.00	98.42 7.80 0.00	103.69 7.90 0.00	111.97 8.02 0.00	85.81 6.11 -3.77	75.27 4.41 -18.30	75.47 4.70 -11.81	76.19 3.57 -29.24	78.71 3.43 -33.67	80.02 3.50 -36.25	78.49 5.14 -17.12	126.99 6.12 -51.55	103.32 6.78 -17.82	124.33 7.05 -33.39	107.42 8.36 0.00	126.46 9.80 0.00	346.08 13.17 -183.06	780.11 17.32 -568.22	314.30 14.10 -147.97	294.53 9.91 -180.99	313.52 10.89 -188.61	307.19 13.31 -146.18	191.12 13.39 -16.72	113.52 7.85 -8.35
GOWANUS_GT3_5 24126	100.49 8.15 0.00	98.42 7.80 0.00	103.69 7.90 0.00	111.97 8.02 0.00	85.81 6.11 -3.77	75.27 4.41 -18.30	75.47 4.70 -11.81	76.19 3.57 -29.24	78.71 3.43 -33.67	80.02 3.50 -36.25	78.49 5.14 -17.12	126.99 6.12 -51.55	103.32 6.78 -17.82	124.33 7.05 -33.39	107.42 8.36 0.00	126.46 9.80 0.00	346.08 13.17 -183.06	780.11 17.32 -568.22	314.30 14.10 -147.97	294.53 9.91 -180.99	313.52 10.89 -188.61	307.19 13.31 -146.18	191.12 13.39 -16.72	113.52 7.85 -8.35
GOWANUS_GT3_6 24127	100.49 8.15 0.00	98.42 7.80 0.00	103.69 7.90 0.00	111.97 8.02 0.00	85.81 6.11 -3.77	75.27 4.41 -18.30	75.47 4.70 -11.81	76.19 3.57 -29.24	78.71 3.43 -33.67	80.02 3.50 -36.25	78.49 5.14 -17.12	126.99 6.12 -51.55	103.32 6.78 -17.82	124.33 7.05 -33.39	107.42 8.36 0.00	126.46 9.80 0.00	346.08 13.17 -183.06	780.11 17.32 -568.22	314.30 14.10 -147.97	294.53 9.91 -180.99	313.52 10.89 -188.61	307.19 13.31 -146.18	191.12 13.39 -16.72	113.52 7.85 -8.35
GOWANUS_GT3_7 24128	100.49 8.15 0.00	98.42 7.80 0.00	103.69 7.90 0.00	111.97 8.02 0.00	85.81 6.11 -3.77	75.27 4.41 -18.30	75.47 4.70 -11.81	76.19 3.57 -29.24	78.71 3.43 -33.67	80.02 3.50 -36.25	78.49 5.14 -17.12	126.99 6.12 -51.55	103.32 6.78 -17.82	124.33 7.05 -33.39	107.42 8.36 0.00	126.46 9.80 0.00	346.08 13.17 -183.06	780.11 17.32 -568.22	314.30 14.10 -147.97	294.53 9.91 -180.99	313.52 10.89 -188.61	307.19 13.31 -146.18	191.12 13.39 -16.72	113.52 7.85 -8.35
GOWANUS_GT3_8 24129	100.49 8.15 0.00	98.42 7.80 0.00	103.69 7.90 0.00	111.97 8.02 0.00	85.81 6.11 -3.77	75.27 4.41 -18.30	75.47 4.70 -11.81	76.19 3.57 -29.24	78.71 3.43 -33.67	80.02 3.50 -36.25	78.49 5.14 -17.12	126.99 6.12 -51.55	103.32 6.78 -17.82	124.33 7.05 -33.39	107.42 8.36 0.00	126.46 9.80 0.00	346.08 13.17 -183.06	780.11 17.32 -568.22	314.30 14.10 -147.97	294.53 9.91 -180.99	313.52 10.89 -188.61	307.19 13.31 -146.18	191.12 13.39 -16.72	113.52 7.85 -8.35
GOWANUS_GT4_1 24130	100.49 8.15 0.00	98.42 7.81 0.00	103.73 7.94 0.00	111.99 8.04 0.00	85.81 6.11 -3.77	75.29 4.43 -18.30	75.49 4.72 -11.81	76.19 3.57 -29.24	78.71 3.43 -33.67	80.03 3.51 -36.25	78.51 5.15 -17.12	127.02 6.15 -51.55	103.36 6.83 -17.82	124.36 7.07 -33.39	107.47 8.42 0.00	126.48 9.82 0.00	346.08 13.17 -183.06	780.14 17.35 -568.22	314.23 14.03 -147.97	294.52 9.89 -180.99	313.51 10.89 -188.61	307.19 13.31 -146.18	191.08 13.35 -16.72	113.53 7.86 -8.35
GOWANUS_GT4_2 24131	100.49 8.15 0.00	98.42 7.81 0.00	103.73 7.94 0.00	111.99 8.04 0.00	85.81 6.11 -3.77	75.29 4.43 -18.30	75.49 4.72 -11.81	76.19 3.57 -29.24	78.71 3.43 -33.67	80.03 3.51 -36.25	78.51 5.15 -17.12	127.02 6.15 -51.55	103.36 6.83 -17.82	124.36 7.07 -33.39	107.47 8.42 0.00	126.48 9.82 0.00	346.08 13.17 -183.06	780.14 17.35 -568.22	314.23 14.03 -147.97	294.52 9.89 -180.99	313.51 10.89 -188.61	307.19 13.31 -146.18	191.08 13.35 -16.72	113.53 7.86 -8.35

GOWANUS_GT4_3 24132	100.49 8.15 0.00	98.42 7.81 0.00	103.73 7.94 0.00	111.99 8.04 0.00	85.81 6.11 -3.77	75.29 4.43 -18.30	75.49 4.72 -11.81	76.19 3.57 -29.24	78.71 3.43 -33.67	80.03 3.51 -36.25	78.51 5.15 -17.12	127.02 6.15 -51.55	103.36 6.83 -17.82	124.36 7.07 -33.39	107.47 8.42 0.00	126.48 9.82 0.00	346.08 13.17 -183.06	780.14 17.35 -568.22	314.23 14.03 -147.97	294.52 9.89 -180.99	313.51 10.89 -188.61	307.19 13.31 -146.18	191.08 13.35 -16.72	113.53 7.86 -8.35
GOWANUS_GT4_4 24133	100.49 8.15 0.00	98.42 7.81 0.00	103.73 7.94 0.00	111.99 8.04 0.00	85.81 6.11 -3.77	75.29 4.43 -18.30	75.49 4.72 -11.81	76.19 3.57 -29.24	78.71 3.43 -33.67	80.03 3.51 -36.25	78.51 5.15 -17.12	127.02 6.15 -51.55	103.36 6.83 -17.82	124.36 7.07 -33.39	107.47 8.42 0.00	126.48 9.82 0.00	346.08 13.17 -183.06	780.14 17.35 -568.22	314.23 14.03 -147.97	294.52 9.89 -180.99	313.51 10.89 -188.61	307.19 13.31 -146.18	191.08 13.35 -16.72	113.53 7.86 -8.35
GOWANUS_GT4_5 24134	100.49 8.15 0.00	98.42 7.81 0.00	103.73 7.94 0.00	111.99 8.04 0.00	85.81 6.11 -3.77	75.29 4.43 -18.30	75.49 4.72 -11.81	76.19 3.57 -29.24	78.71 3.43 -33.67	80.03 3.51 -36.25	78.51 5.15 -17.12	127.02 6.15 -51.55	103.36 6.83 -17.82	124.36 7.07 -33.39	107.47 8.42 0.00	126.48 9.82 0.00	346.08 13.17 -183.06	780.14 17.35 -568.22	314.23 14.03 -147.97	294.52 9.89 -180.99	313.51 10.89 -188.61	307.19 13.31 -146.18	191.08 13.35 -16.72	113.53 7.86 -8.35
GOWANUS_GT4_6 24135	100.49 8.15 0.00	98.42 7.81 0.00	103.73 7.94 0.00	111.99 8.04 0.00	85.81 6.11 -3.77	75.29 4.43 -18.30	75.49 4.72 -11.81	76.19 3.57 -29.24	78.71 3.43 -33.67	80.03 3.51 -36.25	78.51 5.15 -17.12	127.02 6.15 -51.55	103.36 6.83 -17.82	124.36 7.07 -33.39	107.47 8.42 0.00	126.48 9.82 0.00	346.08 13.17 -183.06	780.14 17.35 -568.22	314.23 14.03 -147.97	294.52 9.89 -180.99	313.51 10.89 -188.61	307.19 13.31 -146.18	191.08 13.35 -16.72	113.53 7.86 -8.35
GOWANUS_GT4_7 24136	100.49 8.15 0.00	98.42 7.81 0.00	103.73 7.94 0.00	111.99 8.04 0.00	85.81 6.11 -3.77	75.29 4.43 -18.30	75.49 4.72 -11.81	76.19 3.57 -29.24	78.71 3.43 -33.67	80.03 3.51 -36.25	78.51 5.15 -17.12	127.02 6.15 -51.55	103.36 6.83 -17.82	124.36 7.07 -33.39	107.47 8.42 0.00	126.48 9.82 0.00	346.08 13.17 -183.06	780.14 17.35 -568.22	314.23 14.03 -147.97	294.52 9.89 -180.99	313.51 10.89 -188.61	307.19 13.31 -146.18	191.08 13.35 -16.72	113.53 7.86 -8.35
GOWANUS_GT4_8 24137	100.49 8.15 0.00	98.42 7.81 0.00	103.73 7.94 0.00	111.99 8.04 0.00	85.81 6.11 -3.77	75.29 4.43 -18.30	75.49 4.72 -11.81	76.19 3.57 -29.24	78.71 3.43 -33.67	80.03 3.51 -36.25	78.51 5.15 -17.12	127.02 6.15 -51.55	103.36 6.83 -17.82	124.36 7.07 -33.39	107.47 8.42 0.00	126.48 9.82 0.00	346.08 13.17 -183.06	780.14 17.35 -568.22	314.23 14.03 -147.97	294.52 9.89 -180.99	313.51 10.89 -188.61	307.19 13.31 -146.18	191.08 13.35 -16.72	113.53 7.86 -8.35
GREENBSH_115KV_TB3 55895	96.29 3.95 0.00	94.52 3.91 0.00	99.87 4.08 0.00	108.40 4.46 0.00	84.23 3.37 -4.93	54.83 2.28 0.00	61.28 2.33 0.00	45.08 1.70 0.00	43.13 1.51 0.00	41.79 1.53 0.00	58.44 2.21 0.00	72.01 2.69 0.00	81.85 3.14 0.00	87.29 3.39 0.00	103.22 4.16 0.00	121.37 4.71 0.00	159.62 5.96 -3.81	257.53 7.77 -55.18	223.04 6.34 -64.47	204.24 4.45 -96.16	203.89 4.87 -85.01	153.58 5.88 0.00	166.98 5.97 0.00	101.24 3.92 0.00
GREENIDGE_115KV_TB5 80291	123.73 -5.10 -36.48	121.55 -5.12 -36.06	127.23 -5.88 -37.32	138.10 -6.20 -40.36	105.41 -4.32 -33.80	76.24 -2.56 -26.25	84.07 -2.91 -28.03	69.91 -1.92 -28.45	63.68 -1.68 -23.76	62.48 -1.78 -24.00	82.02 -2.49 -28.27	96.45 -3.49 -30.62	107.86 -4.78 -33.92	114.26 -4.83 -35.18	131.62 -5.66 -38.23	139.76 -6.49 -29.58	143.77 -7.94 -1.86	195.77 -9.62 -10.82	151.70 -7.32 -6.79	106.21 -4.64 -7.21	116.84 -5.47 -8.29	140.43 -7.28 0.00	154.04 -6.97 0.00	94.17 -3.15 0.00
GREENIDGE___3 23582	123.73 -5.10 -36.48	121.55 -5.12 -36.06	127.23 -5.88 -37.32	138.10 -6.20 -40.36	105.41 -4.32 -33.80	76.24 -2.56 -26.25	84.07 -2.91 -28.03	69.91 -1.92 -28.45	63.68 -1.68 -23.76	62.48 -1.78 -24.00	82.02 -2.49 -28.27	96.45 -3.49 -30.62	107.86 -4.78 -33.92	114.26 -4.83 -35.18	131.62 -5.66 -38.23	139.76 -6.49 -29.58	143.77 -7.94 -1.86	195.77 -9.62 -10.82	151.70 -7.32 -6.79	106.21 -4.64 -7.21	116.84 -5.47 -8.29	140.43 -7.28 0.00	154.04 -6.97 0.00	94.17 -3.15 0.00
GREENIDGE___4 23583	123.73 -5.10 -36.48	121.55 -5.12 -36.06	127.24 -5.87 -37.32	138.10 -6.21 -40.36	105.42 -4.31 -33.80	76.24 -2.56 -26.25	84.07 -2.92 -28.03	69.91 -1.93 -28.45	63.68 -1.68 -23.76	62.49 -1.78 -24.00	82.04 -2.47 -28.27	96.47 -3.47 -30.62	107.88 -4.75 -33.92	114.28 -4.81 -35.18	131.65 -5.64 -38.23	139.79 -6.46 -29.58	143.75 -7.96 -1.86	195.81 -9.59 -10.82	151.69 -7.34 -6.79	106.19 -4.66 -7.21	116.80 -5.51 -8.29	140.43 -7.28 0.00	154.05 -6.95 0.00	94.17 -3.16 0.00
GREENLWN_69_KV_BK 3 55738	101.21 8.87 0.00	98.85 8.23 0.00	103.97 8.17 0.00	112.32 8.37 0.00	85.92 6.22 -3.77	56.92 4.37 0.00	63.69 4.73 0.00	47.08 3.70 0.00	45.25 3.64 0.00	43.92 3.65 0.00	61.48 5.24 0.00	75.28 5.96 0.00	85.47 6.76 0.00	91.47 7.57 0.00	107.95 8.89 0.00	127.66 10.99 0.00	164.08 13.55 -0.68	220.75 16.28 -9.89	185.38 13.82 -19.32	146.76 10.42 -32.71	164.84 11.56 -39.26	161.92 14.21 0.00	175.04 14.03 0.00	105.65 8.33 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	100.49 8.15 0.00	98.42 7.81 0.00	103.73 7.94 0.00	111.99 8.04 0.00	85.81 6.11 -3.77	75.29 4.43 -18.30	75.49 4.72 -11.81	76.19 3.57 -29.24	78.71 3.43 -33.67	80.03 3.51 -36.25	78.51 5.15 -17.12	127.02 6.15 -51.55	103.36 6.83 -17.82	124.36 7.07 -33.39	107.47 8.42 0.00	126.48 9.82 0.00	346.08 13.17 -183.06	780.14 17.35 -568.22	314.23 14.03 -147.97	294.52 9.89 -180.99	313.51 10.89 -188.61	307.19 13.31 -146.18	191.08 13.35 -16.72	113.53 7.86 -8.35
GRISSOM___SOLAR 323813	97.39 5.04 0.00	95.53 4.91 0.00	100.88 5.09 0.00	109.40 5.45 0.00	85.39 4.03 -5.42	55.34 2.79 0.00	62.08 3.13 0.00	45.83 2.44 0.00	43.80 2.19 0.00	41.96 1.70 0.00	58.61 2.37 0.00	72.21 2.89 0.00	82.09 3.38 0.00	87.90 3.99 0.00	104.06 5.00 0.00	123.37 6.71 0.00	166.64 9.73 -7.06	310.27 13.50 -102.19	270.66 10.53 -107.90	266.47 7.19 -155.65	245.82 7.66 -124.15	157.37 9.67 0.00	171.27 10.26 0.00	103.40 6.08 0.00
GROVEVILLE___HYD 323602	100.25 7.90 0.00	98.17 7.55 0.00	103.46 7.67 0.00	111.95 8.00 0.00	85.69 5.99 -3.77	56.78 4.23 0.00	63.47 4.52 0.00	46.84 3.46 0.00	44.99 3.38 0.00	43.66 3.39 0.00	61.11 4.87 0.00	75.17 5.85 0.00	85.34 6.63 0.00	90.98 7.08 0.00	107.66 8.60 0.00	126.91 10.25 0.00	164.10 13.52 -0.73	223.22 18.02 -10.62	186.78 14.53 -20.01	147.38 10.10 -33.65	164.80 10.91 -39.88	160.96 13.25 0.00	174.44 13.43 0.00	105.13 7.81 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	90.52 -1.83 0.00	88.83 -1.79 0.00	93.66 -2.13 0.00	101.73 -2.22 0.00	74.74 -1.59 -0.40	51.54 -1.01 0.00	57.77 -1.19 0.00	42.60 -0.79 0.00	40.89 -0.72 0.00	39.58 -0.68 0.00	55.35 -0.88 0.00	68.19 -1.13 0.00	77.39 -1.32 0.00	82.55 -1.36 0.00	97.54 -1.52 0.00	114.90 -1.77 0.00	147.70 -2.15 0.00	192.29 -2.29 0.00	150.45 -1.78 0.00	102.69 -1.27 -0.32	113.96 -1.68 -1.62	145.36 -2.35 0.00	158.56 -2.45 0.00	95.99 -1.33 0.00

HAMLTNNY_34_KV_TB 80303	90.49 -1.86 0.00	88.76 -1.85 0.00	93.51 -2.28 0.00	101.62 -2.33 0.00	74.70 -1.67 -0.42	51.53 -1.02 0.00	57.76 -1.20 0.00	42.58 -0.80 0.00	40.86 -0.75 0.00	39.55 -0.71 0.00	55.33 -0.91 0.00	68.16 -1.16 0.00	77.35 -1.36 0.00	82.44 -1.46 0.00	97.43 -1.63 0.00	114.80 -1.86 0.00	147.62 -2.22 0.00	192.17 -2.41 0.00	150.37 -1.86 0.00	102.62 -1.36 -0.34	113.97 -1.78 -1.73	145.28 -2.43 0.00	158.54 -2.46 0.00	96.06 -1.26 0.00
HAMPSHIRE___PAPER_HYD 323593	88.63 -3.72 0.00	87.00 -3.62 0.00	92.09 -3.70 0.00	99.85 -4.10 0.00	72.95 -3.09 -0.10	50.47 -2.09 0.00	56.99 -1.96 0.00	42.11 -1.27 0.00	40.46 -1.15 0.00	39.53 -0.73 0.00	55.54 -0.70 0.00	68.71 -0.61 0.00	77.96 -0.75 0.00	83.08 -0.82 0.00	97.92 -1.15 0.00	115.50 -1.16 0.00	149.13 -0.72 0.00	194.15 -0.42 0.00	151.69 -0.54 0.00	103.27 -0.45 -0.08	113.86 -0.56 -0.41	146.73 -0.97 0.00	159.74 -1.27 0.00	96.06 -1.27 0.00
HARDSCRABBLE_WT_PWR 323673	93.59 1.25 0.00	91.87 1.25 0.00	96.88 1.09 0.00	105.18 1.23 0.00	76.93 0.99 0.00	53.26 0.71 0.00	59.57 0.62 0.00	43.97 0.59 0.00	42.00 0.39 0.00	40.55 0.28 0.00	56.72 0.48 0.00	69.72 0.39 0.00	79.37 0.66 0.00	84.81 0.91 0.00	100.61 1.55 0.00	119.00 2.34 0.00	153.56 3.71 0.00	200.57 5.99 0.00	157.82 5.58 0.00	107.81 4.18 0.00	118.40 4.39 0.00	153.02 5.32 0.00	166.00 4.99 0.00	100.26 2.94 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	98.83 6.49 0.00	96.81 6.19 0.00	102.04 6.24 0.00	110.40 6.46 0.00	84.33 4.86 -3.54	56.00 3.45 0.00	62.59 3.64 0.00	46.17 2.79 0.00	44.31 2.70 0.00	43.00 2.74 0.00	60.26 4.02 0.00	74.11 4.79 0.00	84.05 5.34 0.00	89.55 5.64 0.00	105.94 6.88 0.00	124.88 8.22 0.00	161.40 10.91 -0.65	218.52 14.59 -9.36	182.33 11.88 -18.21	142.75 8.31 -30.80	159.93 8.99 -36.92	158.58 10.88 0.00	172.02 11.01 0.00	103.71 6.39 0.00
HARSNRAD_115KV_TB1 81005	63.66 -11.23 17.45	62.42 -10.94 17.25	65.44 -12.50 17.85	70.94 -13.70 19.30	51.07 -9.66 15.20	33.76 -6.24 12.56	38.62 -6.93 13.41	23.89 -5.95 13.55	24.69 -5.60 11.33	22.95 -5.84 11.48	34.49 -8.27 13.48	44.66 -10.01 14.65	50.97 -11.42 16.31	55.10 -11.97 16.83	66.39 -14.39 18.29	85.34 -17.17 14.15	126.56 -22.48 0.81	162.94 -27.62 4.02	131.38 -22.04 -1.18	93.21 -15.01 -4.59	102.37 -17.58 -5.94	125.98 -21.73 0.00	140.69 -20.32 0.00	87.55 -9.77 0.00
HARZA MOOSE___RIVER 24016	91.41 -0.94 0.00	89.76 -0.85 0.00	94.74 -1.05 0.00	102.74 -1.21 0.00	75.17 -0.89 -0.13	52.02 -0.53 0.00	58.61 -0.34 0.00	43.47 0.08 0.00	41.77 0.16 0.00	40.82 0.55 0.00	57.50 1.26 0.00	71.12 1.80 0.00	80.64 1.92 0.00	86.05 2.15 0.00	101.66 2.60 0.00	120.00 3.34 0.00	154.78 4.93 0.00	201.55 6.97 0.00	157.65 5.41 0.00	107.38 3.65 -0.10	118.22 3.68 -0.51	152.06 4.36 0.00	165.42 4.41 0.00	99.62 2.30 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	89.77 -2.57 0.00	88.11 -2.50 0.00	92.92 -2.87 0.00	100.90 -3.05 0.00	74.13 -2.16 -0.36	51.12 -1.43 0.00	57.29 -1.67 0.00	42.21 -1.17 0.00	40.53 -1.08 0.00	39.22 -1.04 0.00	54.85 -1.39 0.00	67.58 -1.75 0.00	76.71 -2.00 0.00	81.81 -2.09 0.00	96.71 -2.35 0.00	113.86 -2.80 0.00	146.33 -3.52 0.00	190.44 -4.14 0.00	149.02 -3.21 0.00	101.77 -2.16 -0.29	112.80 -2.68 -1.47	144.07 -3.64 0.00	157.22 -3.79 0.00	95.21 -2.11 0.00
HELLGATE_13_KV_LD 55870	99.90 7.55 0.00	97.84 7.23 0.00	103.07 7.28 0.00	111.40 7.45 0.00	85.31 5.61 -3.77	56.59 4.04 0.00	63.22 4.26 0.00	46.63 3.25 0.00	44.72 3.11 0.00	43.47 3.21 0.00	61.05 4.81 0.00	74.99 5.67 0.00	85.04 6.33 0.00	90.55 6.65 0.00	107.01 7.95 0.00	126.04 9.37 0.00	162.95 12.42 -0.68	220.70 16.23 -9.89	184.65 13.10 -19.32	145.60 9.27 -32.70	163.37 10.10 -39.25	159.84 12.13 0.00	173.07 12.07 0.00	104.38 7.05 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	99.90 7.55 0.00	97.84 7.23 0.00	103.07 7.28 0.00	111.40 7.45 0.00	85.31 5.61 -3.77	56.59 4.04 0.00	63.22 4.26 0.00	46.63 3.25 0.00	44.72 3.11 0.00	43.47 3.21 0.00	61.05 4.81 0.00	74.99 5.67 0.00	85.04 6.33 0.00	90.55 6.65 0.00	107.01 7.95 0.00	126.04 9.37 0.00	162.95 12.42 -0.68	220.70 16.23 -9.89	184.65 13.10 -19.32	145.60 9.27 -32.70	163.37 10.10 -39.25	159.84 12.13 0.00	173.07 12.07 0.00	104.38 7.05 0.00
HEMPSTEAD____ 23647	100.54 8.20 0.00	98.24 7.63 0.00	103.40 7.61 0.00	111.77 7.83 0.00	85.55 5.85 -3.77	56.70 4.15 0.00	63.44 4.49 0.00	46.85 3.47 0.00	45.00 3.39 0.00	43.66 3.39 0.00	61.17 4.94 0.00	75.07 5.75 0.00	85.12 6.42 0.00	90.91 7.00 0.00	107.32 8.26 0.00	126.70 10.04 0.00	163.13 12.59 -0.68	220.23 15.76 -9.89	184.94 13.39 -19.32	146.11 9.77 -32.71	164.03 10.75 -39.26	160.90 13.19 0.00	174.31 13.30 0.00	105.10 7.78 0.00
HEWLETT_69_KV_BK3 55828	101.60 9.26 0.00	99.24 8.62 0.00	104.42 8.62 0.00	112.85 8.91 0.00	86.33 6.63 -3.77	57.23 4.67 0.00	64.04 5.08 0.00	47.28 3.90 0.00	45.39 3.78 0.00	44.08 3.82 0.00	61.80 5.56 0.00	75.81 6.49 0.00	86.01 7.30 0.00	91.79 7.88 0.00	108.14 9.08 0.00	127.76 11.09 0.00	164.53 14.00 -0.68	222.29 17.81 -9.89	186.66 15.10 -19.32	147.30 10.95 -32.71	165.21 11.93 -39.26	162.54 14.84 0.00	176.06 15.05 0.00	106.12 8.80 0.00
HICKLING___1 23621	100.99 -4.46 -13.10	99.17 -4.39 -12.95	104.18 -5.01 -13.40	113.24 -5.20 -14.49	85.10 -3.68 -12.85	59.55 -2.43 -9.43	66.09 -2.93 -10.07	51.76 -1.83 -10.22	48.45 -1.69 -8.53	47.15 -1.73 -8.62	64.25 -2.14 -10.15	77.50 -2.81 -10.99	87.22 -3.64 -12.15	92.96 -3.57 -12.63	108.65 -4.13 -13.72	122.36 -4.92 -10.62	144.18 -6.49 -0.82	192.87 -7.84 -6.13	152.88 -5.84 -6.49	109.38 -3.59 -9.33	120.19 -4.49 -10.66	142.32 -5.39 0.00	156.74 -4.26 0.00	95.28 -2.04 0.00
HICKLING___2 23622	100.99 -4.46 -13.10	99.17 -4.39 -12.95	104.18 -5.01 -13.40	113.24 -5.20 -14.49	85.10 -3.68 -12.85	59.55 -2.43 -9.43	66.09 -2.93 -10.07	51.76 -1.83 -10.22	48.45 -1.69 -8.53	47.15 -1.73 -8.62	64.25 -2.14 -10.15	77.50 -2.81 -10.99	87.22 -3.64 -12.15	92.96 -3.57 -12.63	108.65 -4.13 -13.72	122.36 -4.92 -10.62	144.18 -6.49 -0.82	192.87 -7.84 -6.13	152.88 -5.84 -6.49	109.38 -3.59 -9.33	120.19 -4.49 -10.66	142.32 -5.39 0.00	156.74 -4.26 0.00	95.28 -2.04 0.00
HIGH FALLS___HY 23754	101.78 9.44 0.00	99.60 8.99 0.00	104.90 9.10 0.00	113.49 9.55 0.00	86.77 7.07 -3.77	57.58 5.02 0.00	64.40 5.45 0.00	47.60 4.22 0.00	45.79 4.19 0.00	44.44 4.17 0.00	62.11 5.87 0.00	76.37 7.05 0.00	86.74 8.03 0.00	92.44 8.54 0.00	109.53 10.47 0.00	129.27 12.61 0.00	167.82 16.89 -1.08	233.25 23.02 -15.65	195.31 18.41 -24.67	156.31 12.68 -39.99	171.42 13.56 -43.85	164.08 16.37 0.00	177.59 16.58 0.00	106.77 9.45 0.00
HIGH_RIVER___SOLAR 323847	96.27 3.92 0.00	94.49 3.87 0.00	99.79 4.00 0.00	108.27 4.33 0.00	84.37 3.19 -5.25	54.72 2.17 0.00	61.32 2.37 0.00	45.21 1.83 0.00	43.29 1.68 0.00	41.75 1.48 0.00	58.23 1.99 0.00	71.61 2.29 0.00	81.38 2.67 0.00	86.97 3.06 0.00	102.93 3.87 0.00	121.70 5.04 0.00	164.42 7.11 -7.46	312.22 9.69 -107.95	273.68 7.75 -113.70	272.48 5.30 -163.54	248.44 5.68 -128.74	154.78 7.07 0.00	168.39 7.38 0.00	101.77 4.44 0.00

HILLBURN___GT 23639	98.62 6.28 0.00	96.58 5.97 0.00	101.79 6.00 0.00	110.10 6.15 0.00	84.16 4.64 -3.58	55.86 3.30 0.00	62.43 3.47 0.00	46.03 2.65 0.00	44.16 2.55 0.00	42.87 2.60 0.00	60.07 3.84 0.00	73.84 4.52 0.00	83.73 5.02 0.00	89.23 5.33 0.00	105.51 6.45 0.00	124.36 7.71 0.00	160.67 10.17 -0.65	217.71 13.66 -9.46	181.83 11.15 -18.44	142.72 7.89 -31.20	160.03 8.60 -37.41	158.11 10.40 0.00	171.51 10.50 0.00	103.44 6.12 0.00
HILLSIDE_115KV_TB1 80332	99.39 -4.59 -11.63	97.64 -4.47 -11.50	102.64 -5.06 -11.90	111.56 -5.25 -12.87	83.75 -3.74 -11.56	58.42 -2.50 -8.37	64.82 -3.07 -8.94	50.53 -1.92 -9.07	47.41 -1.77 -7.58	46.12 -1.80 -7.65	63.10 -2.16 -9.02	76.28 -2.81 -9.77	85.91 -3.59 -10.79	91.51 -3.61 -11.22	107.07 -4.18 -12.19	121.04 -5.06 -9.44	143.69 -6.92 -0.76	191.98 -8.51 -5.91	152.44 -6.39 -6.60	109.29 -4.03 -9.68	120.14 -4.94 -11.07	141.63 -6.07 0.00	155.74 -5.27 0.00	94.31 -3.01 0.00
HISHELDN_WT_PWR 323625	20.64 -10.22 61.49	19.94 -9.90 60.77	21.71 -11.18 62.90	23.82 -12.09 68.02	12.43 -8.55 54.95	2.72 -5.59 44.24	5.42 -6.29 47.25	-9.46 -4.90 47.94	-2.99 -4.56 40.03	-4.86 -4.67 40.45	2.06 -6.53 47.65	9.66 -8.05 51.61	12.02 -9.40 57.29	14.84 -9.76 59.30	22.96 -11.67 64.43	53.16 -13.64 49.86	129.47 -17.53 2.85	159.21 -21.22 14.15	134.33 -16.69 1.21	98.24 -10.92 -5.53	108.28 -12.91 -7.17	132.17 -15.54 0.00	147.06 -13.95 0.00	91.04 -6.28 0.00
HOLTSVILLE_IC_1 23690	102.29 9.94 0.00	99.83 9.21 0.00	104.98 9.19 0.00	113.38 9.43 0.00	86.69 6.99 -3.77	57.43 4.88 0.00	64.30 5.34 0.00	47.56 4.18 0.00	45.70 4.09 0.00	44.31 4.05 0.00	61.92 5.68 0.00	75.75 6.44 0.00	86.07 7.36 0.00	92.22 8.32 0.00	108.84 9.78 0.00	128.92 12.26 0.00	166.16 15.63 -0.68	222.80 18.33 -9.89	187.38 15.83 -19.32	148.35 12.01 -32.71	166.38 13.10 -39.26	163.84 16.13 0.00	177.18 16.17 0.00	106.72 9.40 0.00
HOLTSVILLE_IC_10 23699	102.83 10.48 0.00	100.33 9.72 0.00	105.49 9.70 0.00	113.91 9.97 0.00	87.08 7.38 -3.77	57.72 5.16 0.00	64.63 5.68 0.00	47.81 4.43 0.00	45.93 4.32 0.00	44.54 4.27 0.00	62.21 5.97 0.00	76.11 6.79 0.00	86.50 7.79 0.00	92.69 8.78 0.00	109.43 10.37 0.00	129.69 13.03 0.00	167.36 16.83 -0.68	224.30 19.83 -9.89	188.61 17.05 -19.32	149.22 12.88 -32.71	167.28 14.01 -39.26	164.94 17.24 0.00	178.28 17.27 0.00	107.32 10.00 0.00
HOLTSVILLE_IC_2 23691	102.29 9.94 0.00	99.83 9.21 0.00	104.98 9.19 0.00	113.38 9.43 0.00	86.69 6.99 -3.77	57.43 4.88 0.00	64.30 5.34 0.00	47.56 4.18 0.00	45.70 4.09 0.00	44.31 4.05 0.00	61.92 5.68 0.00	75.75 6.44 0.00	86.07 7.36 0.00	92.22 8.32 0.00	108.84 9.78 0.00	128.92 12.26 0.00	166.16 15.63 -0.68	222.80 18.33 -9.89	187.38 15.83 -19.32	148.35 12.01 -32.71	166.38 13.10 -39.26	163.84 16.13 0.00	177.18 16.17 0.00	106.72 9.40 0.00
HOLTSVILLE_IC_3 23692	102.29 9.94 0.00	99.83 9.21 0.00	104.98 9.19 0.00	113.38 9.43 0.00	86.69 6.99 -3.77	57.43 4.88 0.00	64.30 5.34 0.00	47.56 4.18 0.00	45.70 4.09 0.00	44.31 4.05 0.00	61.92 5.68 0.00	75.75 6.44 0.00	86.07 7.36 0.00	92.22 8.32 0.00	108.84 9.78 0.00	128.92 12.26 0.00	166.16 15.63 -0.68	222.80 18.33 -9.89	187.38 15.83 -19.32	148.35 12.01 -32.71	166.38 13.10 -39.26	163.84 16.13 0.00	177.18 16.17 0.00	106.72 9.40 0.00
HOLTSVILLE_IC_4 23693	102.29 9.94 0.00	99.83 9.21 0.00	104.98 9.19 0.00	113.38 9.43 0.00	86.69 6.99 -3.77	57.43 4.88 0.00	64.30 5.34 0.00	47.56 4.18 0.00	45.70 4.09 0.00	44.31 4.05 0.00	61.92 5.68 0.00	75.75 6.44 0.00	86.07 7.36 0.00	92.22 8.32 0.00	108.84 9.78 0.00	128.92 12.26 0.00	166.16 15.63 -0.68	222.80 18.33 -9.89	187.38 15.83 -19.32	148.35 12.01 -32.71	166.38 13.10 -39.26	163.84 16.13 0.00	177.18 16.17 0.00	106.72 9.40 0.00
HOLTSVILLE_IC_5 23694	102.29 9.94 0.00	99.83 9.21 0.00	104.98 9.19 0.00	113.38 9.43 0.00	86.69 6.99 -3.77	57.43 4.88 0.00	64.30 5.34 0.00	47.56 4.18 0.00	45.70 4.09 0.00	44.31 4.05 0.00	61.92 5.68 0.00	75.75 6.44 0.00	86.07 7.36 0.00	92.22 8.32 0.00	108.84 9.78 0.00	128.92 12.26 0.00	166.16 15.63 -0.68	222.80 18.33 -9.89	187.38 15.83 -19.32	148.35 12.01 -32.71	166.38 13.10 -39.26	163.84 16.13 0.00	177.18 16.17 0.00	106.72 9.40 0.00
HOLTSVILLE_IC_6 23695	102.83 10.48 0.00	100.33 9.72 0.00	105.49 9.70 0.00	113.91 9.97 0.00	87.08 7.38 -3.77	57.72 5.16 0.00	64.63 5.68 0.00	47.81 4.43 0.00	45.93 4.32 0.00	44.54 4.27 0.00	62.21 5.97 0.00	76.11 6.79 0.00	86.50 7.79 0.00	92.69 8.78 0.00	109.43 10.37 0.00	129.69 13.03 0.00	167.36 16.83 -0.68	224.30 19.83 -9.89	188.61 17.05 -19.32	149.22 12.88 -32.71	167.28 14.01 -39.26	164.94 17.24 0.00	178.28 17.27 0.00	107.32 10.00 0.00
HOLTSVILLE_IC_7 23696	102.83 10.48 0.00	100.33 9.72 0.00	105.49 9.70 0.00	113.91 9.97 0.00	87.08 7.38 -3.77	57.72 5.16 0.00	64.63 5.68 0.00	47.81 4.43 0.00	45.93 4.32 0.00	44.54 4.27 0.00	62.21 5.97 0.00	76.11 6.79 0.00	86.50 7.79 0.00	92.69 8.78 0.00	109.43 10.37 0.00	129.69 13.03 0.00	167.36 16.83 -0.68	224.30 19.83 -9.89	188.61 17.05 -19.32	149.22 12.88 -32.71	167.28 14.01 -39.26	164.94 17.24 0.00	178.28 17.27 0.00	107.32 10.00 0.00
HOLTSVILLE_IC_8 23697	102.83 10.48 0.00	100.33 9.72 0.00	105.49 9.70 0.00	113.91 9.97 0.00	87.08 7.38 -3.77	57.72 5.16 0.00	64.63 5.68 0.00	47.81 4.43 0.00	45.93 4.32 0.00	44.54 4.27 0.00	62.21 5.97 0.00	76.11 6.79 0.00	86.50 7.79 0.00	92.69 8.78 0.00	109.43 10.37 0.00	129.69 13.03 0.00	167.36 16.83 -0.68	224.30 19.83 -9.89	188.61 17.05 -19.32	149.22 12.88 -32.71	167.28 14.01 -39.26	164.94 17.24 0.00	178.28 17.27 0.00	107.32 10.00 0.00
HOLTSVILLE_IC_9 23698	102.83 10.48 0.00	100.33 9.72 0.00	105.49 9.70 0.00	113.91 9.97 0.00	87.08 7.38 -3.77	57.72 5.16 0.00	64.63 5.68 0.00	47.81 4.43 0.00	45.93 4.32 0.00	44.54 4.27 0.00	62.21 5.97 0.00	76.11 6.79 0.00	86.50 7.79 0.00	92.69 8.78 0.00	109.43 10.37 0.00	129.69 13.03 0.00	167.36 16.83 -0.68	224.30 19.83 -9.89	188.61 17.05 -19.32	149.22 12.88 -32.71	167.28 14.01 -39.26	164.94 17.24 0.00	178.28 17.27 0.00	107.32 10.00 0.00
HOMER_HL_115KV_TB2 355744	82.67 -5.53 4.15	81.71 -4.81 4.10	85.80 -5.75 4.25	93.19 -6.16 4.59	68.52 -4.39 3.01	46.58 -2.99 2.98	52.01 -3.76 3.19	37.01 -3.16 3.22	36.19 -2.73 2.69	35.09 -2.45 2.73	50.01 -3.03 3.20	62.40 -3.44 3.48	70.34 -4.44 3.94	75.24 -4.66 4.00	88.69 -6.03 4.35	105.83 -7.47 3.37	137.97 -11.68 0.19	179.04 -14.58 0.95	143.05 -12.02 -2.83	101.86 -7.65 -5.87	112.27 -9.38 -7.63	137.22 -10.49 0.00	152.87 -8.14 0.00	93.64 -3.68 0.00
HOWARD_WT_PWR 323690	155.86 -9.67 -73.18	153.34 -9.61 -72.33	159.90 -10.76 -74.86	173.60 -11.31 -80.97	135.02 -7.98 -67.06	99.78 -5.43 -52.66	109.09 -6.10 -56.24	96.09 -4.37 -57.08	85.23 -4.04 -47.66	84.45 -3.97 -48.15	107.71 -5.25 -56.73	123.68 -7.06 -61.43	138.21 -8.55 -68.05	146.39 -8.09 -70.58	166.18 -9.56 -76.68	165.64 -10.37 -59.34	141.67 -11.76 -3.57	198.75 -15.24 -19.41	150.67 -11.10 -9.55	104.69 -6.62 -7.68	114.86 -7.90 -8.75	139.38 -8.33 0.00	155.20 -5.81 0.00	95.59 -1.73 0.00

HQ_GEN_CEDARS 23644	91.99 -0.35 0.00	90.29 -0.32 0.00	95.84 0.05 0.00	103.92 -0.03 0.00	75.75 -0.18 0.00	52.48 -0.08 0.00	59.16 0.21 0.00	43.38 0.00 0.00	41.62 0.01 0.00	40.24 -0.02 0.00	56.04 -0.19 0.00	69.21 -0.11 0.00	78.59 -0.13 0.00	83.62 -0.28 0.00	98.37 -0.69 0.00	115.99 -0.68 0.00	149.02 -0.83 0.00	193.16 -1.42 0.00	150.66 -1.57 0.00	102.47 -1.16 0.00	113.07 -0.94 0.00	146.80 -0.90 0.00	160.44 -0.56 0.00	96.67 -0.65 0.00
HQ_GEN_CEDARS_PROXY 323590	91.99 -0.35 0.00	90.29 -0.32 0.00	95.84 0.05 0.00	103.92 -0.03 0.00	75.74 -0.19 0.00	52.48 -0.08 0.00	59.16 0.21 0.00	43.38 0.00 0.00	41.62 0.01 0.00	40.24 -0.02 0.00	56.04 -0.20 0.00	69.21 -0.11 0.00	78.59 -0.13 0.00	83.62 -0.28 0.00	98.38 -0.68 0.00	115.98 -0.68 0.00	149.01 -0.84 0.00	193.15 -1.43 0.00	150.66 -1.57 0.00	102.47 -1.16 0.00	91.56 -0.93 21.52	146.81 -0.90 0.00	160.44 -0.56 0.00	96.67 -0.65 0.00
HQ_GEN_IMPORT 323601	92.03 -0.31 0.00	90.26 -0.35 0.00	95.71 -0.08 0.00	103.80 -0.15 0.00	75.71 -0.22 0.00	52.41 -0.14 0.00	59.03 0.07 0.00	43.33 -0.05 0.00	41.56 -0.06 0.00	40.16 -0.10 0.00	55.96 -0.28 0.00	69.03 -0.29 0.00	78.41 -0.31 0.00	83.49 -0.42 0.00	98.37 -0.69 0.00	115.92 -0.74 0.00	148.84 -1.01 0.00	190.16 -1.76 2.66	150.49 -1.74 0.00	102.29 -1.35 0.00	112.81 -1.21 0.00	146.55 -1.15 0.00	160.04 -0.97 0.00	96.52 -0.81 0.00
HQ_GEN_WHEEL 23651	92.03 -0.31 0.00	90.26 -0.35 0.00	95.71 -0.08 0.00	103.80 -0.15 0.00	75.71 -0.22 0.00	52.41 -0.14 0.00	59.03 0.07 0.00	43.33 -0.05 0.00	41.56 -0.06 0.00	40.16 -0.10 0.00	55.96 -0.28 0.00	69.03 -0.29 0.00	78.41 -0.31 0.00	83.49 -0.42 0.00	98.37 -0.69 0.00	115.92 -0.74 0.00	148.84 -1.01 0.00	190.16 -1.76 2.66	150.49 -1.74 0.00	102.29 -1.35 0.00	112.81 -1.21 0.00	146.55 -1.15 0.00	160.04 -0.97 0.00	96.52 -0.81 0.00
HUDSON AVE_GT_3 23810	99.81 7.46 0.00	97.74 7.12 0.00	102.99 7.20 0.00	111.31 7.36 0.00	85.22 5.52 -3.77	56.51 3.95 0.00	63.14 4.18 0.00	46.57 3.19 0.00	44.69 3.08 0.00	43.42 3.16 0.00	60.93 4.69 0.00	74.92 5.60 0.00	84.89 6.18 0.00	90.47 6.57 0.00	106.92 7.86 0.00	125.96 9.29 0.00	162.69 12.16 -0.68	220.34 15.87 -9.89	184.34 12.79 -19.32	145.34 9.01 -32.69	163.14 9.87 -39.25	159.68 11.97 0.00	173.03 12.02 0.00	104.35 7.02 0.00
HUDSON AVE_GT_4 23540	99.81 7.46 0.00	97.74 7.12 0.00	102.99 7.20 0.00	111.31 7.36 0.00	85.22 5.52 -3.77	56.51 3.95 0.00	63.14 4.18 0.00	46.57 3.19 0.00	44.69 3.08 0.00	43.42 3.16 0.00	60.93 4.69 0.00	74.92 5.60 0.00	84.89 6.18 0.00	90.47 6.57 0.00	106.92 7.86 0.00	125.96 9.29 0.00	162.69 12.16 -0.68	220.34 15.87 -9.89	184.34 12.79 -19.32	145.34 9.01 -32.69	163.14 9.87 -39.25	159.68 11.97 0.00	173.03 12.02 0.00	104.35 7.02 0.00
HUDSON AVE_GT_5 23657	99.81 7.46 0.00	97.74 7.12 0.00	102.99 7.20 0.00	111.31 7.36 0.00	85.22 5.52 -3.77	56.51 3.95 0.00	63.14 4.18 0.00	46.57 3.19 0.00	44.69 3.08 0.00	43.42 3.16 0.00	60.93 4.69 0.00	74.92 5.60 0.00	84.89 6.18 0.00	90.47 6.57 0.00	106.92 7.86 0.00	125.96 9.29 0.00	162.69 12.16 -0.68	220.34 15.87 -9.89	184.34 12.79 -19.32	145.34 9.01 -32.69	163.14 9.87 -39.25	159.68 11.97 0.00	173.03 12.02 0.00	104.35 7.02 0.00
HUDSON_AVE_10 24168	99.35 7.01 0.00	97.33 6.72 0.00	102.52 6.73 0.00	110.80 6.86 0.00	84.87 5.17 -3.77	56.28 3.72 0.00	62.88 3.93 0.00	46.37 2.99 0.00	44.50 2.89 0.00	43.23 2.96 0.00	60.68 4.44 0.00	74.59 5.27 0.00	84.52 5.81 0.00	90.08 6.17 0.00	106.48 7.42 0.00	125.37 8.71 0.00	162.02 11.48 -0.68	219.51 15.04 -9.89	183.64 12.09 -19.32	144.90 8.57 -32.69	162.66 9.39 -39.25	158.94 11.23 0.00	172.22 11.21 0.00	103.86 6.54 0.00
HUDSON___115KV_TB 4 355613	98.77 6.42 0.00	96.90 6.29 0.00	102.35 6.56 0.00	111.13 7.18 0.00	86.08 5.36 -4.79	56.21 3.66 0.00	62.82 3.87 0.00	46.20 2.82 0.00	44.23 2.62 0.00	42.79 2.53 0.00	59.71 3.47 0.00	73.64 4.32 0.00	83.70 4.99 0.00	89.22 5.31 0.00	105.80 6.74 0.00	124.69 8.03 0.00	163.48 10.49 -3.14	253.77 13.77 -45.42	218.24 10.98 -55.03	194.12 7.43 -83.06	198.00 7.93 -76.05	157.52 9.81 0.00	171.14 10.13 0.00	103.97 6.65 0.00
HUNTER MOUNT___DRP 323613	99.48 7.13 0.00	97.62 7.01 0.00	103.11 7.31 0.00	111.96 8.02 0.00	86.53 5.96 -4.63	56.64 4.09 0.00	63.37 4.42 0.00	46.65 3.27 0.00	44.70 3.09 0.00	43.19 2.93 0.00	60.27 4.03 0.00	74.36 5.04 0.00	84.52 5.81 0.00	90.10 6.20 0.00	106.88 7.82 0.00	126.02 9.35 0.00	164.85 12.30 -2.71	249.82 16.05 -39.18	213.77 12.70 -48.83	186.51 8.51 -74.36	192.88 9.06 -69.81	159.10 11.39 0.00	172.78 11.77 0.00	104.79 7.47 0.00
HUNTINGTON_RES_REC 323705	101.96 9.61 0.00	99.51 8.90 0.00	104.63 8.84 0.00	112.97 9.02 0.00	86.43 6.73 -3.77	57.26 4.71 0.00	64.10 5.14 0.00	47.40 4.02 0.00	45.55 3.94 0.00	44.17 3.91 0.00	61.80 5.56 0.00	75.60 6.28 0.00	85.93 7.22 0.00	91.97 8.07 0.00	108.59 9.53 0.00	128.59 11.92 0.00	165.63 15.10 -0.68	222.54 18.07 -9.89	186.94 15.39 -19.32	147.95 11.61 -32.71	166.03 12.76 -39.26	163.36 15.65 0.00	176.55 15.54 0.00	106.42 9.10 0.00
HUNTLEY___63 23557	63.47 -10.07 18.80	62.22 -9.82 18.58	65.23 -11.34 19.23	70.71 -12.44 20.80	50.82 -8.71 16.40	33.45 -5.58 13.52	38.31 -6.20 14.44	23.31 -5.44 14.63	24.27 -5.12 12.22	22.52 -5.38 12.37	34.11 -7.58 14.55	44.34 -9.20 15.78	50.65 -10.48 17.58	54.75 -11.03 18.13	66.12 -13.24 19.70	85.72 -15.70 15.24	128.62 -20.36 0.87	165.47 -24.78 4.33	133.64 -19.86 -1.27	94.93 -13.48 -4.78	104.25 -15.90 -6.14	128.14 -19.57 0.00	143.07 -17.94 0.00	88.95 -8.37 0.00
HUNTLEY___64 23558	63.47 -10.07 18.80	62.22 -9.82 18.58	65.23 -11.34 19.23	70.71 -12.44 20.80	50.82 -8.71 16.40	33.45 -5.58 13.52	38.31 -6.20 14.44	23.31 -5.44 14.63	24.27 -5.12 12.22	22.52 -5.38 12.37	34.11 -7.58 14.55	44.34 -9.20 15.78	50.65 -10.48 17.58	54.75 -11.03 18.13	66.12 -13.24 19.70	85.72 -15.70 15.24	128.62 -20.36 0.87	165.47 -24.78 4.33	133.64 -19.86 -1.27	94.93 -13.48 -4.78	104.25 -15.90 -6.14	128.14 -19.57 0.00	143.07 -17.94 0.00	88.95 -8.37 0.00
HUNTLEY___65 23559	63.47 -10.07 18.80	62.22 -9.82 18.58	65.23 -11.34 19.23	70.71 -12.44 20.80	50.82 -8.71 16.40	33.45 -5.58 13.52	38.31 -6.20 14.44	23.31 -5.44 14.63	24.27 -5.12 12.22	22.52 -5.38 12.37	34.11 -7.58 14.55	44.34 -9.20 15.78	50.65 -10.48 17.58	54.75 -11.03 18.13	66.12 -13.24 19.70	85.72 -15.70 15.24	128.62 -20.36 0.87	165.47 -24.78 4.33	133.64 -19.86 -1.27	94.93 -13.48 -4.78	104.25 -15.90 -6.14	128.14 -19.57 0.00	143.07 -17.94 0.00	88.95 -8.37 0.00
HUNTLEY___66 23560	63.47 -10.07 18.80	62.22 -9.82 18.58	65.23 -11.34 19.23	70.71 -12.44 20.80	50.82 -8.71 16.40	33.45 -5.58 13.52	38.31 -6.20 14.44	23.31 -5.44 14.63	24.27 -5.12 12.22	22.52 -5.38 12.37	34.11 -7.58 14.55	44.34 -9.20 15.78	50.65 -10.48 17.58	54.75 -11.03 18.13	66.12 -13.24 19.70	85.72 -15.70 15.24	128.62 -20.36 0.87	165.47 -24.78 4.33	133.64 -19.86 -1.27	94.93 -13.48 -4.78	104.25 -15.90 -6.14	128.14 -19.57 0.00	143.07 -17.94 0.00	88.95 -8.37 0.00



HUNTLEY___67 23561	59.69 -10.60 22.06	58.54 -10.27 21.80	61.48 -11.75 22.56	66.66 -12.88 24.41	47.55 -9.05 19.34	30.83 -5.85 15.87	35.49 -6.51 16.95	20.57 -5.61 17.20	22.00 -5.24 14.36	20.33 -5.42 14.51	31.51 -7.63 17.10	41.59 -9.22 18.51	47.55 -10.54 20.62	51.55 -11.07 21.27	62.66 -13.28 23.11	83.07 -15.71 17.89	128.43 -20.39 1.02	164.56 -24.95 5.08	133.42 -19.91 -1.10	95.11 -13.41 -4.88	104.44 -15.81 -6.23	128.20 -19.51 0.00	143.04 -17.97 0.00	88.86 -8.46 0.00
HUNTLEY___68 23562	59.69 -10.60 22.06	58.54 -10.27 21.80	61.48 -11.75 22.56	66.66 -12.88 24.41	47.55 -9.05 19.34	30.83 -5.85 15.87	35.49 -6.51 16.95	20.57 -5.61 17.20	22.00 -5.24 14.36	20.33 -5.42 14.51	31.51 -7.63 17.10	41.59 -9.22 18.51	47.55 -10.54 20.62	51.55 -11.07 21.27	62.66 -13.28 23.11	83.07 -15.71 17.89	128.43 -20.39 1.02	164.56 -24.95 5.08	133.42 -19.91 -1.10	95.11 -13.41 -4.88	104.44 -15.81 -6.23	128.20 -19.51 0.00	143.04 -17.97 0.00	88.86 -8.46 0.00
HYLAND___LFGE 323620	169.51 -2.72 -79.88	166.79 -2.78 -78.95	173.88 -3.64 -81.72	188.48 -3.84 -88.38	146.36 -2.56 -72.98	108.57 -1.46 -57.48	118.79 -1.55 -61.38	104.49 -1.20 -62.31	92.70 -0.93 -52.02	91.63 -1.19 -52.56	116.69 -1.48 -61.92	134.23 -2.14 -67.05	149.97 -3.04 -74.30	157.46 -3.48 -77.04	177.23 -5.53 -83.71	172.09 -9.35 -64.77	140.51 -13.05 -3.71	198.37 -14.59 -18.38	148.90 -11.56 -8.23	101.78 -7.21 -5.36	111.94 -9.24 -7.17	136.58 -11.13 0.00	150.84 -10.16 0.00	99.55 2.23 0.00
INDECK___CORINTH 23802	99.29 6.94 0.00	97.39 6.78 0.00	102.65 6.86 0.00	111.17 7.22 0.00	86.40 5.38 -5.09	56.27 3.72 0.00	63.15 4.19 0.00	46.64 3.26 0.00	44.74 3.13 0.00	43.30 3.03 0.00	60.43 4.19 0.00	74.35 5.03 0.00	84.75 6.04 0.00	90.33 6.43 0.00	107.07 8.01 0.00	126.28 9.61 0.00	169.67 12.67 -7.15	314.85 16.83 -103.44	275.50 13.55 -109.72	271.01 9.32 -158.05	248.87 10.05 -124.81	159.97 12.26 0.00	173.25 12.24 0.00	104.46 7.14 0.00
INDECK___ILION 23567	93.82 1.48 0.00	92.05 1.43 0.00	97.17 1.38 0.00	105.50 1.55 0.00	77.13 1.19 0.00	53.38 0.83 0.00	59.75 0.79 0.00	44.07 0.69 0.00	42.18 0.57 0.00	40.79 0.53 0.00	57.04 0.80 0.00	70.20 0.88 0.00	79.83 1.12 0.00	85.21 1.31 0.00	100.87 1.81 0.00	119.00 2.34 0.00	153.14 3.30 0.00	199.23 4.65 0.00	156.29 4.06 0.00	106.53 2.90 0.00	117.05 3.04 0.00	151.34 3.63 0.00	164.45 3.44 0.00	99.35 2.03 0.00
INDECK___OLEAN 23982	82.70 -5.49 4.15	81.76 -4.76 4.10	85.90 -5.65 4.25	93.33 -6.03 4.59	68.62 -4.30 3.01	46.62 -2.95 2.98	52.07 -3.70 3.19	37.23 -2.94 3.22	36.43 -2.50 2.69	35.11 -2.42 2.73	50.35 -2.69 3.20	62.59 -3.24 3.48	70.51 -4.27 3.94	75.40 -4.50 4.00	88.84 -5.87 4.35	105.98 -7.32 3.37	137.99 -11.67 0.19	179.27 -14.35 0.95	143.09 -11.98 -2.83	101.85 -7.65 -5.87	112.22 -9.43 -7.63	137.22 -10.49 0.00	152.83 -8.18 0.00	93.64 -3.69 0.00
INDECK___OSWEGO 23783	88.74 -3.60 0.00	87.02 -3.59 0.00	91.86 -3.93 0.00	99.68 -4.27 0.00	73.19 -3.05 -0.30	50.45 -2.10 0.00	56.60 -2.36 0.00	41.73 -1.65 0.00	40.06 -1.55 0.00	38.84 -1.42 0.00	54.34 -1.90 0.00	66.99 -2.33 0.00	76.04 -2.68 0.00	81.10 -2.80 0.00	95.71 -3.35 0.00	112.16 -4.50 0.00	143.77 -6.08 0.00	187.05 -7.52 0.00	146.37 -5.86 0.00	99.87 -4.01 -0.24	110.62 -4.62 -1.23	141.52 -6.18 0.00	154.28 -6.72 0.00	93.36 -3.97 0.00
INDECK___YERKES 23781	63.58 -9.97 18.80	62.37 -9.66 18.58	65.47 -11.10 19.23	70.95 -12.20 20.80	50.99 -8.54 16.40	33.54 -5.49 13.52	38.42 -6.09 14.44	23.43 -5.32 14.63	24.36 -5.03 12.22	22.59 -5.31 12.37	34.29 -7.40 14.55	44.59 -8.95 15.78	50.89 -10.24 17.58	54.98 -10.79 18.13	66.34 -13.02 19.70	85.96 -15.45 15.24	128.68 -20.30 0.87	165.84 -24.41 4.33	133.69 -19.81 -1.27	95.01 -13.41 -4.78	104.27 -15.88 -6.14	128.23 -19.47 0.00	143.14 -17.87 0.00	89.03 -8.30 0.00
INDIAN POINT_GT_1 24139	98.88 6.54 0.00	96.84 6.23 0.00	102.07 6.28 0.00	110.38 6.43 0.00	84.50 4.84 -3.73	56.00 3.45 0.00	62.59 3.64 0.00	46.16 2.78 0.00	44.29 2.68 0.00	43.00 2.74 0.00	60.27 4.03 0.00	74.08 4.77 0.00	84.03 5.32 0.00	89.55 5.64 0.00	105.87 6.82 0.00	124.79 8.13 0.00	161.20 10.67 -0.68	218.51 14.13 -9.80	182.84 11.48 -19.13	144.14 8.13 -32.38	161.73 8.86 -38.86	158.43 10.73 0.00	171.79 10.78 0.00	103.60 6.28 0.00
INDIAN POINT_GT_2 23659	98.88 6.54 0.00	96.84 6.23 0.00	102.07 6.28 0.00	110.38 6.43 0.00	84.50 4.84 -3.73	56.00 3.45 0.00	62.59 3.64 0.00	46.16 2.78 0.00	44.29 2.68 0.00	43.00 2.74 0.00	60.27 4.03 0.00	74.08 4.77 0.00	84.03 5.32 0.00	89.55 5.64 0.00	105.87 6.82 0.00	124.79 8.13 0.00	161.20 10.67 -0.68	218.51 14.13 -9.80	182.84 11.48 -19.13	144.14 8.13 -32.38	161.73 8.86 -38.86	158.43 10.73 0.00	171.79 10.78 0.00	103.60 6.28 0.00
INDIAN POINT_GT_3 24019	98.88 6.54 0.00	96.84 6.23 0.00	102.07 6.28 0.00	110.38 6.43 0.00	84.50 4.84 -3.73	56.00 3.45 0.00	62.59 3.64 0.00	46.16 2.78 0.00	44.29 2.68 0.00	43.00 2.74 0.00	60.27 4.03 0.00	74.08 4.77 0.00	84.03 5.32 0.00	89.55 5.64 0.00	105.87 6.82 0.00	124.79 8.13 0.00	161.20 10.67 -0.68	218.51 14.13 -9.80	182.84 11.48 -19.13	144.14 8.13 -32.38	161.73 8.86 -38.86	158.43 10.73 0.00	171.79 10.78 0.00	103.60 6.28 0.00
INDIAN POINT___2 23530	98.66 6.31 0.00	96.62 6.01 0.00	101.85 6.05 0.00	110.15 6.21 0.00	84.29 4.68 -3.67	55.88 3.33 0.00	62.46 3.51 0.00	46.06 2.68 0.00	44.19 2.58 0.00	42.90 2.64 0.00	60.12 3.88 0.00	73.89 4.57 0.00	83.80 5.09 0.00	89.31 5.41 0.00	105.60 6.54 0.00	124.44 7.78 0.00	160.80 10.28 -0.67	217.83 13.58 -9.67	182.23 11.13 -18.87	143.44 7.87 -31.94	160.92 8.58 -38.32	158.08 10.37 0.00	171.45 10.44 0.00	103.41 6.09 0.00
INDIAN POINT___3 23531	98.72 6.38 0.00	96.71 6.09 0.00	101.94 6.14 0.00	110.25 6.30 0.00	84.41 4.75 -3.73	55.93 3.38 0.00	62.50 3.55 0.00	46.09 2.71 0.00	44.22 2.62 0.00	42.93 2.67 0.00	60.16 3.93 0.00	73.97 4.65 0.00	83.90 5.19 0.00	89.40 5.49 0.00	105.71 6.65 0.00	124.57 7.91 0.00	160.92 10.40 -0.68	218.13 13.74 -9.80	182.56 11.19 -19.14	143.96 7.92 -32.40	161.56 8.65 -38.89	158.15 10.44 0.00	171.53 10.52 0.00	103.46 6.14 0.00
INGHAM_C_115KV_TB7 356103	94.89 2.54 0.00	93.10 2.48 0.00	98.14 2.35 0.00	106.61 2.67 0.00	77.99 2.06 0.00	53.99 1.44 0.00	60.35 1.40 0.00	44.60 1.21 0.00	42.54 0.93 0.00	41.04 0.77 0.00	57.40 1.16 0.00	70.50 1.18 0.00	80.33 1.62 0.00	85.88 1.98 0.00	101.90 2.85 0.00	120.58 3.91 0.00	155.57 5.72 0.00	202.86 8.28 0.00	159.52 7.28 0.00	108.94 5.31 0.00	119.56 5.54 0.00	154.32 6.61 0.00	167.13 6.12 0.00	100.88 3.56 0.00
IP CORINTH___1 23988	99.29 6.95 0.00	97.39 6.77 0.00	102.65 6.86 0.00	111.18 7.24 0.00	86.41 5.39 -5.09	56.27 3.72 0.00	63.15 4.19 0.00	46.65 3.26 0.00	44.74 3.13 0.00	43.30 3.03 0.00	60.42 4.18 0.00	74.36 5.04 0.00	84.74 6.03 0.00	90.33 6.43 0.00	107.07 8.01 0.00	126.28 9.62 0.00	169.66 12.66 -7.15	314.83 16.81 -103.44	275.48 13.54 -109.72	271.01 9.32 -158.05	248.87 10.05 -124.81	159.97 12.27 0.00	173.25 12.25 0.00	104.46 7.14 0.00

IP__TICONDEROGA 23804	103.38 11.03 0.00	101.51 10.89 0.00	106.49 10.70 0.00	114.60 10.65 0.00	88.88 7.86 -5.08	58.15 5.60 0.00	65.39 6.43 0.00	48.44 5.05 0.00	46.50 4.90 0.00	44.96 4.69 0.00	62.51 6.27 0.00	76.58 7.26 0.00	87.60 8.89 0.00	93.12 9.22 0.00	111.10 12.04 0.00	131.14 14.48 0.00	175.91 18.98 -7.08	323.34 26.28 -102.48	282.81 21.76 -108.82	275.04 14.59 -156.82	254.01 15.99 -124.01	167.49 19.78 0.00	180.25 19.24 0.00	107.96 10.64 0.00
ISLIP_RES_REC 323679	103.20 10.85 0.00	100.68 10.06 0.00	105.85 10.06 0.00	114.29 10.35 0.00	87.36 7.67 -3.77	57.90 5.35 0.00	64.84 5.88 0.00	47.98 4.60 0.00	46.09 4.48 0.00	44.67 4.41 0.00	62.40 6.16 0.00	76.34 7.02 0.00	86.75 8.04 0.00	93.02 9.12 0.00	109.83 10.77 0.00	130.17 13.51 0.00	168.08 17.55 -0.68	225.37 20.90 -9.89	189.43 17.87 -19.32	149.81 13.47 -32.71	167.86 14.58 -39.26	165.62 17.91 0.00	178.99 17.98 0.00	107.77 10.45 0.00
JAMAICA__27_KV_LOAD 355505	99.68 7.33 0.00	97.66 7.05 0.00	102.80 7.01 0.00	111.12 7.18 0.00	85.12 5.42 -3.77	56.46 3.91 0.00	63.11 4.15 0.00	46.53 3.15 0.00	44.67 3.06 0.00	43.37 3.10 0.00	60.87 4.63 0.00	74.86 5.54 0.00	84.82 6.10 0.00	90.45 6.54 0.00	106.93 7.87 0.00	125.90 9.23 0.00	162.84 12.31 -0.68	220.74 16.27 -9.89	184.57 13.02 -19.32	145.52 9.19 -32.69	163.39 10.12 -39.25	159.69 11.98 0.00	172.89 11.88 0.00	104.28 6.96 0.00
JANIS__SOLAR 323808	93.31 0.97 0.00	91.62 1.00 0.00	96.67 0.88 0.00	104.82 0.87 0.00	77.75 0.77 -1.05	53.15 0.60 0.00	59.66 0.70 0.00	44.18 0.80 0.00	42.55 0.94 0.00	41.14 0.88 0.00	57.46 1.22 0.00	70.68 1.36 0.00	80.20 1.50 0.01	85.63 1.73 0.00	101.61 2.55 0.00	119.99 3.32 0.00	155.39 5.20 -0.34	208.05 8.50 -4.97	166.85 6.86 -7.75	120.95 4.87 -12.45	132.21 5.02 -13.18	154.30 6.59 0.00	168.83 7.82 0.00	101.99 4.66 0.00
JARVIS____ 23743	92.81 0.46 0.00	91.07 0.46 0.00	96.19 0.39 0.00	104.44 0.49 0.00	76.31 0.38 0.00	52.78 0.23 0.00	59.13 0.18 0.00	43.54 0.16 0.00	41.76 0.15 0.00	40.44 0.17 0.00	56.57 0.33 0.00	69.74 0.42 0.00	79.19 0.48 0.00	84.42 0.51 0.00	99.75 0.69 0.00	117.37 0.70 0.00	150.78 0.93 0.00	195.95 1.37 0.00	153.44 1.20 0.00	104.46 0.82 0.00	114.92 0.91 0.00	148.84 1.13 0.00	162.14 1.14 0.00	98.02 0.70 0.00
JENNISON__1 23625	92.29 -0.05 0.00	90.75 0.14 0.00	96.34 0.55 0.00	103.99 0.04 0.00	77.40 0.11 -1.37	52.52 -0.03 0.00	58.92 -0.04 0.00	43.73 0.35 0.00	42.12 0.52 0.00	40.87 0.60 0.00	57.08 0.84 0.00	70.24 0.93 0.00	79.88 1.18 0.01	85.31 1.41 0.00	101.26 2.21 0.00	119.35 2.68 0.00	154.33 3.92 -0.56	209.38 6.75 -8.05	169.72 5.64 -11.85	126.78 4.45 -18.69	137.65 4.78 -18.85	154.42 6.72 0.00	169.16 8.15 0.00	102.10 4.78 0.00
JENNISON__2 23626	92.29 -0.05 0.00	90.75 0.14 0.00	96.34 0.55 0.00	103.99 0.04 0.00	77.40 0.11 -1.37	52.52 -0.03 0.00	58.92 -0.04 0.00	43.73 0.35 0.00	42.12 0.52 0.00	40.87 0.60 0.00	57.08 0.84 0.00	70.24 0.93 0.00	79.88 1.18 0.01	85.31 1.41 0.00	101.26 2.21 0.00	119.35 2.68 0.00	154.33 3.92 -0.56	209.38 6.75 -8.05	169.72 5.64 -11.85	126.78 4.45 -18.69	137.65 4.78 -18.85	154.42 6.72 0.00	169.16 8.15 0.00	102.10 4.78 0.00
JERICHO_RISE_WT_PWR 323719	91.86 -0.49 0.00	90.54 -0.07 0.00	96.52 0.72 0.00	104.83 0.89 0.00	76.35 0.42 0.00	52.74 0.19 0.00	59.33 0.37 0.00	43.26 -0.12 0.00	41.46 -0.15 0.00	40.11 -0.15 0.00	55.96 -0.28 0.00	69.19 -0.13 0.00	78.56 -0.16 0.00	83.54 -0.36 0.00	98.23 -0.82 0.00	115.72 -0.94 0.00	148.36 -1.48 0.00	192.18 -2.40 0.00	150.26 -1.98 0.00	102.40 -1.24 0.00	113.06 -0.96 0.00	147.10 -0.61 0.00	161.03 0.03 0.00	97.03 -0.29 0.00
KATONAH__115KV_46KV_TB4 355592	99.85 7.51 0.00	97.79 7.17 0.00	103.05 7.26 0.00	111.44 7.49 0.00	85.36 5.62 -3.81	56.54 3.99 0.00	63.22 4.27 0.00	46.63 3.25 0.00	44.78 3.17 0.00	43.49 3.22 0.00	60.93 4.69 0.00	74.91 5.59 0.00	84.99 6.28 0.00	90.57 6.66 0.00	107.12 8.06 0.00	126.22 9.56 0.00	163.13 12.58 -0.70	221.32 16.63 -10.11	185.35 13.47 -19.65	146.31 9.45 -33.23	164.07 10.24 -39.82	160.11 12.40 0.00	173.55 12.54 0.00	104.60 7.28 0.00
KCE_NY_1 323755	98.36 6.01 0.00	96.43 5.82 0.00	101.77 5.97 0.00	110.21 6.27 0.00	85.76 4.75 -5.07	55.81 3.26 0.00	62.55 3.60 0.00	46.14 2.77 0.00	44.20 2.59 0.00	42.76 2.49 0.00	59.79 3.55 0.00	73.66 4.33 0.00	83.83 5.11 0.00	89.32 5.41 0.00	105.68 6.62 0.00	124.72 8.07 0.00	167.37 10.53 -6.99	309.57 13.86 -101.13	270.83 11.05 -107.55	266.39 7.67 -155.08	245.17 8.28 -122.87	157.81 10.10 0.00	171.30 10.29 0.00	103.39 6.07 0.00
KCE_NY_6_ESR 323823	60.13 -9.20 23.01	59.03 -8.84 22.74	62.15 -10.10 23.54	67.38 -11.11 25.46	47.99 -7.77 20.17	30.96 -5.04 16.56	35.66 -5.61 17.68	20.67 -4.79 17.91	22.21 -4.43 14.97	20.48 -4.65 15.14	32.01 -6.42 17.81	42.27 -7.74 19.31	48.25 -8.96 21.50	52.36 -9.35 22.19	63.64 -11.30 24.11	84.76 -13.24 18.66	131.37 -17.41 1.07	168.60 -20.68 5.30	136.60 -16.79 -1.16	97.66 -11.09 -5.12	107.16 -13.44 -6.58	131.44 -16.26 0.00	146.38 -14.62 0.00	90.87 -6.45 0.00
KEDC_PORT_JEFF_GT2 24210	102.72 10.37 0.00	100.20 9.59 0.00	105.37 9.57 0.00	113.76 9.82 0.00	86.98 7.28 -3.77	57.65 5.10 0.00	64.54 5.58 0.00	47.76 4.38 0.00	45.88 4.27 0.00	44.49 4.22 0.00	62.15 5.91 0.00	76.04 6.72 0.00	86.44 7.73 0.00	92.60 8.69 0.00	109.33 10.27 0.00	129.58 12.92 0.00	167.19 16.65 -0.68	224.16 19.69 -9.89	188.41 16.86 -19.32	149.07 12.73 -32.71	167.15 13.87 -39.26	164.79 17.08 0.00	178.03 17.02 0.00	107.21 9.89 0.00
KEDC_PORT_JEFF_GT3 24211	102.72 10.37 0.00	100.20 9.59 0.00	105.37 9.57 0.00	113.76 9.82 0.00	86.98 7.28 -3.77	57.65 5.10 0.00	64.54 5.58 0.00	47.76 4.38 0.00	45.88 4.27 0.00	44.49 4.22 0.00	62.15 5.91 0.00	76.04 6.72 0.00	86.44 7.73 0.00	92.60 8.69 0.00	109.33 10.27 0.00	129.58 12.92 0.00	167.19 16.65 -0.68	224.16 19.69 -9.89	188.41 16.86 -19.32	149.07 12.73 -32.71	167.15 13.87 -39.26	164.79 17.08 0.00	178.03 17.02 0.00	107.21 9.89 0.00
KEDC_GLWD_GT4 24219	100.60 8.26 0.00	98.38 7.76 0.00	103.59 7.79 0.00	111.99 8.04 0.00	85.71 6.02 -3.77	56.79 4.24 0.00	63.52 4.57 0.00	46.89 3.51 0.00	45.02 3.41 0.00	43.71 3.44 0.00	61.26 5.03 0.00	75.22 5.90 0.00	85.32 6.61 0.00	91.05 7.15 0.00	107.55 8.49 0.00	126.84 10.18 0.00	162.69 12.15 -0.68	219.95 15.48 -9.89	184.57 13.02 -19.32	145.72 9.38 -32.71	163.53 10.25 -39.26	160.30 12.59 0.00	174.50 13.50 0.00	105.21 7.89 0.00
KEDC_GLWD_GT5 24220	100.60 8.26 0.00	98.38 7.76 0.00	103.59 7.79 0.00	111.99 8.04 0.00	85.71 6.02 -3.77	56.79 4.24 0.00	63.52 4.57 0.00	46.89 3.51 0.00	45.02 3.41 0.00	43.71 3.44 0.00	61.26 5.03 0.00	75.22 5.90 0.00	85.32 6.61 0.00	91.05 7.15 0.00	107.55 8.49 0.00	126.84 10.18 0.00	162.69 12.15 -0.68	219.95 15.48 -9.89	184.57 13.02 -19.32	145.72 9.38 -32.71	163.53 10.25 -39.26	160.30 12.59 0.00	174.50 13.50 0.00	105.21 7.89 0.00

KENSICO____ 23655	99.20 6.86 0.00	97.16 6.55 0.00	102.39 6.60 0.00	110.72 6.77 0.00	84.78 5.09 -3.76	56.17 3.62 0.00	62.79 3.83 0.00	46.31 2.93 0.00	44.44 2.83 0.00	43.15 2.89 0.00	60.48 4.24 0.00	74.36 5.04 0.00	84.33 5.62 0.00	89.87 5.97 0.00	106.25 7.20 0.00	125.22 8.56 0.00	161.75 11.22 -0.68	219.19 14.74 -9.87	183.50 11.99 -19.28	144.76 8.48 -32.64	162.45 9.25 -39.18	158.89 11.18 0.00	172.29 11.28 0.00	103.90 6.57 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	101.24 8.89 0.00	99.11 8.50 0.00	104.40 8.61 0.00	112.97 9.02 0.00	86.25 6.70 -3.61	57.31 4.75 0.00	64.11 5.15 0.00	47.36 3.98 0.00	45.54 3.94 0.00	44.17 3.91 0.00	61.74 5.51 0.00	75.93 6.61 0.00	86.24 7.53 0.00	91.92 8.02 0.00	108.91 9.85 0.00	128.49 11.83 0.00	166.62 15.85 -0.92	229.33 21.49 -13.25	191.46 17.19 -22.03	151.61 11.85 -36.13	167.34 12.68 -40.65	163.05 15.34 0.00	176.56 15.55 0.00	106.24 8.91 0.00
KIAC_JFK_GT1 23816	98.74 6.39 0.00	96.86 6.25 0.00	102.01 6.22 0.00	110.27 6.32 0.00	84.47 4.77 -3.77	55.91 3.36 0.00	62.50 3.54 0.00	46.07 2.69 0.00	44.25 2.64 0.00	42.96 2.69 0.00	60.31 4.07 0.00	74.15 4.83 0.00	84.01 5.30 0.00	89.60 5.70 0.00	105.93 6.87 0.00	124.69 8.03 0.00	161.26 10.73 -0.68	218.64 14.17 -9.89	182.94 11.38 -19.32	144.41 8.07 -32.69	162.16 8.90 -39.25	158.11 10.40 0.00	171.20 10.19 0.00	103.24 5.92 0.00
KIAC_JFK_GT2 23817	98.74 6.39 0.00	96.86 6.25 0.00	102.01 6.22 0.00	110.27 6.32 0.00	84.47 4.77 -3.77	55.91 3.36 0.00	62.50 3.54 0.00	46.07 2.69 0.00	44.25 2.64 0.00	42.96 2.69 0.00	60.31 4.07 0.00	74.15 4.83 0.00	84.01 5.30 0.00	89.60 5.70 0.00	105.93 6.87 0.00	124.69 8.03 0.00	161.26 10.73 -0.68	218.64 14.17 -9.89	182.94 11.38 -19.32	144.41 8.07 -32.69	162.16 8.90 -39.25	158.11 10.40 0.00	171.20 10.19 0.00	103.24 5.92 0.00
KIAC_JFK____ 323774	98.74 6.39 0.00	96.86 6.24 0.00	101.98 6.18 0.00	110.23 6.28 0.00	84.45 4.75 -3.77	55.91 3.36 0.00	62.49 3.53 0.00	46.07 2.69 0.00	44.25 2.64 0.00	42.95 2.69 0.00	60.29 4.06 0.00	74.12 4.80 0.00	83.97 5.26 0.00	89.57 5.67 0.00	105.89 6.84 0.00	124.65 7.99 0.00	161.26 10.73 -0.68	218.60 14.13 -9.89	182.97 11.42 -19.32	144.40 8.06 -32.69	162.16 8.90 -39.25	158.10 10.40 0.00	171.20 10.20 0.00	103.25 5.93 0.00
KINTIGH____ 23543	71.45 -9.87 11.03	70.16 -9.56 10.89	73.66 -10.85 11.28	79.87 -11.88 12.20	58.10 -8.39 9.44	39.16 -5.46 7.93	44.35 -6.13 8.47	29.64 -5.12 8.61	29.62 -4.80 7.19	28.06 -4.95 7.25	40.79 -6.89 8.56	51.68 -8.39 9.25	58.93 -9.58 10.20	63.17 -10.10 10.63	75.41 -12.10 11.55	93.29 -14.43 8.94	130.51 -18.83 0.51	168.80 -23.24 2.54	135.14 -18.54 -1.45	95.23 -12.55 -4.15	105.19 -14.72 -5.90	129.30 -18.40 0.00	143.72 -17.29 0.00	88.87 -8.45 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	93.67 1.33 0.00	92.35 1.73 0.00	98.45 2.66 0.00	106.96 3.02 0.00	77.89 1.96 0.00	53.73 1.18 0.00	60.29 1.33 0.00	43.95 0.56 0.00	42.11 0.50 0.00	40.81 0.55 0.00	56.85 0.61 0.00	70.26 0.94 0.00	79.88 1.16 0.00	84.96 1.06 0.00	100.00 0.94 0.00	117.78 1.11 0.00	150.70 0.85 0.00	195.60 1.02 0.00	152.90 0.67 0.00	104.35 0.71 0.00	114.95 0.93 0.00	149.26 1.56 0.00	163.29 2.28 0.00	98.37 1.05 0.00
LACHUTE__HYDRO 323717	103.38 11.03 0.00	101.50 10.89 0.00	106.49 10.70 0.00	114.60 10.66 0.00	88.88 7.86 -5.08	58.15 5.60 0.00	65.39 6.44 0.00	48.44 5.06 0.00	46.52 4.91 0.00	44.96 4.69 0.00	62.51 6.27 0.00	76.58 7.26 0.00	87.60 8.88 0.00	93.12 9.22 0.00	111.09 12.03 0.00	131.14 14.48 0.00	175.91 18.98 -7.08	323.34 26.28 -102.48	282.81 21.76 -108.82	275.04 14.59 -156.82	254.02 16.00 -124.01	167.49 19.78 0.00	180.24 19.23 0.00	107.96 10.64 0.00
LAWRNCV_115KV_TB1 80681	90.25 -2.10 0.00	88.59 -2.02 0.00	94.03 -1.76 0.00	101.98 -1.97 0.00	74.31 -1.62 0.00	51.49 -1.07 0.00	58.10 -0.86 0.00	42.65 -0.73 0.00	40.95 -0.66 0.00	39.66 -0.60 0.00	55.30 -0.93 0.00	68.32 -1.00 0.00	77.57 -1.14 0.00	82.55 -1.35 0.00	97.05 -2.01 0.00	114.48 -2.18 0.00	147.28 -2.57 0.00	191.15 -3.43 0.00	149.10 -3.13 0.00	101.42 -2.22 0.00	111.88 -2.14 0.00	145.11 -2.60 0.00	158.44 -2.57 0.00	95.32 -2.00 0.00
LEDERLE____ 23769	98.83 6.49 0.00	96.81 6.19 0.00	102.03 6.24 0.00	110.35 6.41 0.00	84.38 4.83 -3.62	55.99 3.44 0.00	62.58 3.62 0.00	46.13 2.75 0.00	44.26 2.65 0.00	42.97 2.70 0.00	60.22 3.99 0.00	74.03 4.71 0.00	83.92 5.21 0.00	89.45 5.54 0.00	105.77 6.71 0.00	124.66 8.00 0.00	161.10 10.59 -0.66	218.26 14.13 -9.55	182.41 11.56 -18.62	143.30 8.16 -31.51	160.71 8.90 -37.79	158.43 10.73 0.00	171.87 10.86 0.00	103.65 6.32 0.00
LIGHTHSE_115KV_TB6 355974	89.16 -3.19 0.00	87.46 -3.15 0.00	92.25 -3.55 0.00	100.11 -3.84 0.00	73.48 -2.73 -0.28	50.64 -1.92 0.00	56.83 -2.12 0.00	42.03 -1.36 0.00	40.38 -1.23 0.00	39.45 -0.81 0.00	55.47 -0.77 0.00	68.47 -0.85 0.00	77.63 -1.08 0.00	82.85 -1.05 0.00	97.81 -1.25 0.00	114.93 -1.73 0.00	148.00 -1.84 0.00	193.04 -1.54 0.00	151.03 -1.20 0.00	103.05 -0.81 -0.22	113.98 -1.17 -1.13	145.97 -1.74 0.00	158.91 -2.09 0.00	95.97 -1.35 0.00
LINDEN COGEN____ 23786	99.10 6.75 0.00	97.06 6.45 0.00	102.30 6.50 0.00	110.55 6.60 0.00	84.68 4.99 -3.77	56.12 3.57 0.00	62.70 3.75 0.00	46.23 2.85 0.00	44.35 2.74 0.00	43.08 2.82 0.00	60.45 4.21 0.00	74.27 4.95 0.00	84.15 5.44 0.00	89.70 5.80 0.00	106.05 6.99 0.00	124.92 8.26 0.00	161.39 10.86 -0.68	218.65 14.18 -9.89	182.97 11.42 -19.32	144.43 8.09 -32.69	162.16 8.89 -39.25	158.41 10.70 0.00	171.71 10.70 0.00	103.55 6.23 0.00
LINDHRST_69_KV_BK1 356055	102.39 10.04 0.00	99.96 9.35 0.00	105.09 9.30 0.00	113.55 9.60 0.00	86.84 7.14 -3.77	57.54 4.99 0.00	64.39 5.43 0.00	47.62 4.24 0.00	45.75 4.14 0.00	44.37 4.10 0.00	62.08 5.84 0.00	76.09 6.77 0.00	86.36 7.65 0.00	92.42 8.52 0.00	109.05 10.00 0.00	128.94 12.28 0.00	166.11 15.57 -0.68	223.66 19.19 -9.89	187.95 16.39 -19.32	148.45 12.11 -32.71	166.46 13.18 -39.26	164.03 16.32 0.00	177.41 16.40 0.00	106.90 9.58 0.00
LIPA_MISC_IPP 23656	102.55 10.21 0.00	100.06 9.45 0.00	105.21 9.41 0.00	113.65 9.70 0.00	86.88 7.18 -3.77	57.58 5.02 0.00	64.46 5.51 0.00	47.71 4.33 0.00	45.82 4.21 0.00	44.42 4.16 0.00	61.97 5.73 0.00	75.78 6.46 0.00	86.16 7.45 0.00	92.37 8.47 0.00	109.06 10.00 0.00	129.33 12.67 0.00	166.95 16.42 -0.68	223.39 18.92 -9.89	187.87 16.31 -19.32	148.97 12.63 -32.71	166.99 13.71 -39.26	164.56 16.85 0.00	177.79 16.79 0.00	107.01 9.69 0.00
LISF__SOLAR 323691	102.76 10.41 0.00	100.24 9.63 0.00	105.38 9.59 0.00	113.81 9.86 0.00	87.00 7.30 -3.77	57.68 5.12 0.00	64.58 5.63 0.00	47.79 4.41 0.00	45.89 4.28 0.00	44.46 4.20 0.00	62.04 5.80 0.00	75.81 6.49 0.00	86.23 7.52 0.00	92.44 8.54 0.00	109.18 10.12 0.00	129.56 12.89 0.00	167.32 16.79 -0.68	223.87 19.40 -9.89	188.33 16.77 -19.32	149.25 12.91 -32.71	167.30 14.02 -39.26	164.92 17.22 0.00	178.17 17.17 0.00	107.22 9.90 0.00

LITTLE FALLS___HYD 24013	94.89 2.54 0.00	93.10 2.48 0.00	98.14 2.35 0.00	106.61 2.67 0.00	77.99 2.06 0.00	53.99 1.44 0.00	60.35 1.40 0.00	44.60 1.21 0.00	42.54 0.93 0.00	41.04 0.77 0.00	57.40 1.16 0.00	70.50 1.18 0.00	80.33 1.62 0.00	85.88 1.98 0.00	101.90 2.85 0.00	120.58 3.91 0.00	155.57 5.72 0.00	202.86 8.28 0.00	159.52 7.28 0.00	108.94 5.31 0.00	119.56 5.54 0.00	154.32 6.61 0.00	167.13 6.12 0.00	100.88 3.56 0.00
LITTLRIV_115KV_TB1 356100	91.33 -1.01 0.00	89.60 -1.02 0.00	95.09 -0.70 0.00	103.12 -0.83 0.00	75.14 -0.79 0.00	52.07 -0.48 0.00	58.81 -0.14 0.00	43.20 -0.18 0.00	41.49 -0.12 0.00	40.18 -0.09 0.00	55.95 -0.28 0.00	69.11 -0.21 0.00	78.45 -0.26 0.00	83.49 -0.42 0.00	97.95 -1.11 0.00	115.64 -1.02 0.00	149.22 -0.63 0.00	193.81 -0.77 0.00	151.14 -1.09 0.00	102.78 -0.85 0.00	113.33 -0.68 0.00	146.94 -0.77 0.00	160.36 -0.64 0.00	96.43 -0.88 0.00
LI_NEWBRDGE___DRP 323616	100.62 8.27 0.00	98.31 7.70 0.00	103.43 7.64 0.00	111.81 7.87 0.00	85.55 5.85 -3.77	56.67 4.12 0.00	63.42 4.46 0.00	46.84 3.45 0.00	44.99 3.38 0.00	43.67 3.41 0.00	61.16 4.92 0.00	74.99 5.67 0.00	85.11 6.40 0.00	90.96 7.05 0.00	107.32 8.27 0.00	126.79 10.13 0.00	163.22 12.69 -0.68	220.08 15.61 -9.89	184.98 13.42 -19.32	146.22 9.88 -32.71	164.11 10.84 -39.26	161.04 13.33 0.00	174.23 13.22 0.00	105.06 7.74 0.00
LOCKPORT_115KV_TB60_63_64 80432	65.38 -10.82 16.15	64.09 -10.57 15.96	67.16 -12.12 16.52	72.81 -13.27 17.86	52.57 -9.34 14.03	34.92 -6.02 11.62	39.86 -6.69 12.41	25.10 -5.77 12.52	25.71 -5.43 10.47	23.94 -5.70 10.62	35.71 -8.07 12.46	46.02 -9.75 13.55	52.51 -11.11 15.10	56.67 -11.66 15.57	68.12 -14.03 16.92	86.79 -16.77 13.09	127.08 -22.02 0.75	163.86 -27.00 3.72	132.00 -21.57 -1.34	93.43 -14.76 -4.55	102.62 -17.29 -5.90	126.35 -21.36 0.00	141.08 -19.93 0.00	87.78 -9.54 0.00
LOCKPORT___CC1 323769	63.72 -11.17 17.45	62.48 -10.88 17.25	65.59 -12.35 17.85	71.10 -13.54 19.30	51.19 -9.54 15.20	33.82 -6.17 12.56	38.67 -6.88 13.41	24.00 -5.83 13.55	24.79 -5.49 11.33	23.00 -5.78 11.48	34.66 -8.09 13.48	44.87 -9.81 14.65	51.20 -11.20 16.31	55.28 -11.80 16.83	66.54 -14.24 18.29	85.52 -16.99 14.15	126.54 -22.49 0.81	163.19 -27.37 4.02	131.32 -22.09 -1.18	93.23 -15.00 -4.59	102.34 -17.62 -5.94	125.97 -21.73 0.00	140.64 -20.37 0.00	87.54 -9.78 0.00
LOCKPORT___CC2 323770	63.72 -11.17 17.45	62.48 -10.88 17.25	65.59 -12.35 17.85	71.10 -13.54 19.30	51.19 -9.54 15.20	33.82 -6.17 12.56	38.67 -6.88 13.41	24.00 -5.83 13.55	24.79 -5.49 11.33	23.00 -5.78 11.48	34.66 -8.09 13.48	44.87 -9.81 14.65	51.20 -11.20 16.31	55.28 -11.80 16.83	66.54 -14.24 18.29	85.52 -16.99 14.15	126.54 -22.49 0.81	163.19 -27.37 4.02	131.32 -22.09 -1.18	93.23 -15.00 -4.59	102.34 -17.62 -5.94	125.97 -21.73 0.00	140.64 -20.37 0.00	87.54 -9.78 0.00
LOCKPORT___CC3 323771	63.72 -11.17 17.45	62.48 -10.88 17.25	65.59 -12.35 17.85	71.10 -13.54 19.30	51.19 -9.54 15.20	33.82 -6.17 12.56	38.67 -6.88 13.41	24.00 -5.83 13.55	24.79 -5.49 11.33	23.00 -5.78 11.48	34.66 -8.09 13.48	44.87 -9.81 14.65	51.20 -11.20 16.31	55.28 -11.80 16.83	66.54 -14.24 18.29	85.52 -16.99 14.15	126.54 -22.49 0.81	163.19 -27.37 4.02	131.32 -22.09 -1.18	93.23 -15.00 -4.59	102.34 -17.62 -5.94	125.97 -21.73 0.00	140.64 -20.37 0.00	87.54 -9.78 0.00
LONG_LAKE_PHOENIX 24014	89.03 -3.32 0.00	87.30 -3.31 0.00	92.15 -3.64 0.00	100.00 -3.95 0.00	73.44 -2.81 -0.31	50.61 -1.94 0.00	56.80 -2.16 0.00	41.86 -1.52 0.00	40.21 -1.40 0.00	38.94 -1.33 0.00	54.41 -1.83 0.00	67.04 -2.28 0.00	76.12 -2.60 0.00	81.22 -2.68 0.00	95.96 -3.10 0.00	112.93 -3.74 0.00	145.04 -4.81 0.00	188.79 -5.79 0.00	147.73 -4.50 0.00	100.81 -3.08 -0.25	111.62 -3.67 -1.27	142.76 -4.95 0.00	155.66 -5.35 0.00	94.23 -3.10 0.00
LOVETT___3 23632	98.37 6.03 0.00	96.37 5.76 0.00	101.56 5.77 0.00	109.85 5.91 0.00	84.02 4.45 -3.64	55.75 3.19 0.00	62.29 3.33 0.00	45.92 2.54 0.00	44.05 2.44 0.00	42.76 2.50 0.00	59.94 3.70 0.00	73.68 4.35 0.00	83.52 4.81 0.00	89.03 5.12 0.00	105.26 6.20 0.00	124.05 7.39 0.00	160.26 9.75 -0.66	217.12 12.97 -9.58	181.56 10.64 -18.69	142.79 7.53 -31.62	160.18 8.24 -37.93	157.63 9.92 0.00	171.00 9.99 0.00	103.12 5.80 0.00
LOVETT___4 23642	98.37 6.03 0.00	96.37 5.76 0.00	101.56 5.77 0.00	109.85 5.91 0.00	84.02 4.45 -3.64	55.75 3.19 0.00	62.29 3.33 0.00	45.92 2.54 0.00	44.05 2.44 0.00	42.76 2.50 0.00	59.94 3.70 0.00	73.68 4.35 0.00	83.52 4.81 0.00	89.03 5.12 0.00	105.26 6.20 0.00	124.05 7.39 0.00	160.26 9.75 -0.66	217.12 12.97 -9.58	181.56 10.64 -18.69	142.79 7.53 -31.62	160.18 8.24 -37.93	157.63 9.92 0.00	171.00 9.99 0.00	103.12 5.80 0.00
LOVETT___5 23593	98.37 6.03 0.00	96.37 5.76 0.00	101.56 5.77 0.00	109.85 5.91 0.00	84.02 4.45 -3.64	55.75 3.19 0.00	62.29 3.33 0.00	45.92 2.54 0.00	44.05 2.44 0.00	42.76 2.50 0.00	59.94 3.70 0.00	73.68 4.35 0.00	83.52 4.81 0.00	89.03 5.12 0.00	105.26 6.20 0.00	124.05 7.39 0.00	160.26 9.75 -0.66	217.12 12.97 -9.58	181.56 10.64 -18.69	142.79 7.53 -31.62	160.18 8.24 -37.93	157.63 9.92 0.00	171.00 9.99 0.00	103.12 5.80 0.00
LOWER RAQUET___HYD 24057	89.68 -2.66 0.00	88.04 -2.57 0.00	93.45 -2.34 0.00	101.35 -2.60 0.00	73.85 -2.08 0.00	51.16 -1.39 0.00	57.76 -1.20 0.00	42.41 -0.97 0.00	40.73 -0.88 0.00	39.49 -0.78 0.00	55.05 -1.19 0.00	68.04 -1.28 0.00	77.25 -1.47 0.00	82.20 -1.70 0.00	96.62 -2.44 0.00	114.01 -2.66 0.00	146.74 -3.11 0.00	190.45 -4.13 0.00	148.62 -3.61 0.00	101.06 -2.57 0.00	111.48 -2.54 0.00	144.56 -3.14 0.00	157.79 -3.21 0.00	94.92 -2.40 0.00
LOWER___HUDSON 24059	96.97 4.63 0.00	95.19 4.58 0.00	100.54 4.74 0.00	109.00 5.05 0.00	84.75 3.82 -4.99	55.17 2.62 0.00	61.75 2.79 0.00	45.51 2.12 0.00	43.55 1.95 0.00	42.16 1.90 0.00	58.86 2.62 0.00	72.50 3.18 0.00	82.53 3.82 0.00	87.99 4.09 0.00	104.15 5.09 0.00	122.61 5.95 0.00	163.25 7.54 -5.86	289.39 9.98 -84.84	252.52 8.04 -92.25	243.37 5.62 -134.12	229.45 6.16 -109.27	155.17 7.47 0.00	168.50 7.50 0.00	101.99 4.67 0.00
LOWVILLE_115KV_TB2 356335	89.46 -2.89 0.00	87.87 -2.74 0.00	92.72 -3.08 0.00	100.48 -3.47 0.00	73.51 -2.56 -0.13	50.88 -1.67 0.00	57.47 -1.49 0.00	42.78 -0.60 0.00	41.13 -0.48 0.00	40.42 0.15 0.00	57.20 0.96 0.00	70.88 1.56 0.00	80.35 1.64 0.00	85.74 1.83 0.00	101.25 2.19 0.00	119.58 2.92 0.00	154.55 4.70 0.00	201.55 6.97 0.00	157.61 5.38 0.00	107.33 3.59 -0.11	118.14 3.57 -0.55	151.85 4.15 0.00	165.07 4.06 0.00	99.28 1.96 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	98.25 5.90 0.00	96.40 5.79 0.00	101.73 5.94 0.00	110.27 6.32 0.00	85.73 4.73 -5.07	55.79 3.24 0.00	62.52 3.57 0.00	46.12 2.74 0.00	44.20 2.59 0.00	42.76 2.50 0.00	59.72 3.49 0.00	73.57 4.25 0.00	83.75 5.04 0.00	89.27 5.36 0.00	105.68 6.62 0.00	124.61 7.95 0.00	167.19 10.35 -6.99	309.38 13.67 -101.13	270.72 10.94 -107.55	266.30 7.58 -155.08	245.07 8.18 -122.87	157.72 10.01 0.00	171.17 10.17 0.00	103.38 6.05 0.00

LUTHERNY_35_KV_BK2 355980	98.36 6.01 0.00	96.43 5.82 0.00	101.76 5.97 0.00	110.24 6.29 0.00	85.75 4.75 -5.07	55.81 3.25 0.00	62.55 3.60 0.00	46.14 2.76 0.00	44.19 2.58 0.00	42.76 2.49 0.00	59.79 3.55 0.00	73.66 4.34 0.00	83.83 5.11 0.00	89.32 5.41 0.00	105.69 6.63 0.00	124.73 8.07 0.00	167.36 10.52 -6.99	309.57 13.86 -101.13	270.83 11.05 -107.55	266.39 7.67 -155.08	245.18 8.29 -122.87	157.82 10.11 0.00	171.30 10.29 0.00	103.39 6.07 0.00
LWR___OSWEGATCHIE_HYD 23850	88.63 -3.72 0.00	87.00 -3.62 0.00	92.12 -3.67 0.00	99.85 -4.09 0.00	72.96 -3.08 -0.10	50.47 -2.09 0.00	56.99 -1.96 0.00	42.12 -1.26 0.00	40.47 -1.14 0.00	39.53 -0.73 0.00	55.54 -0.69 0.00	68.71 -0.61 0.00	77.96 -0.75 0.00	83.08 -0.82 0.00	97.91 -1.15 0.00	115.50 -1.16 0.00	149.13 -0.72 0.00	194.17 -0.41 0.00	151.69 -0.55 0.00	103.26 -0.45 -0.08	113.86 -0.57 -0.41	146.73 -0.98 0.00	159.74 -1.27 0.00	96.06 -1.26 0.00
LYONS_FALL_HYD 23570	91.41 -0.94 0.00	89.76 -0.85 0.00	94.73 -1.06 0.00	102.73 -1.21 0.00	75.18 -0.88 -0.13	52.02 -0.53 0.00	58.61 -0.34 0.00	43.47 0.09 0.00	41.77 0.16 0.00	40.82 0.55 0.00	57.50 1.26 0.00	71.12 1.80 0.00	80.64 1.93 0.00	86.05 2.15 0.00	101.66 2.60 0.00	120.00 3.33 0.00	154.77 4.92 0.00	201.56 6.98 0.00	157.64 5.41 0.00	107.38 3.64 -0.10	118.21 3.68 -0.51	152.06 4.36 0.00	165.42 4.41 0.00	99.62 2.30 0.00
MADISON___COUNTY_LFGE 323628	93.82 1.48 0.00	92.25 1.64 0.00	97.32 1.53 0.00	105.70 1.75 0.00	77.51 1.36 -0.22	53.53 0.98 0.00	60.07 1.12 0.00	44.38 1.00 0.00	42.64 1.03 0.00	41.34 1.08 0.00	57.88 1.65 0.00	71.41 2.09 0.00	80.84 2.13 0.00	86.40 2.50 0.00	102.19 3.13 0.00	120.59 3.92 0.00	155.07 5.22 0.00	201.29 6.72 0.00	157.45 5.22 0.00	107.38 3.56 -0.18	118.50 3.57 -0.91	152.08 4.37 0.00	165.60 4.59 0.00	99.98 2.66 0.00
MALONE___115KV_TB1 356076	92.83 0.48 0.00	91.38 0.76 0.00	97.26 1.47 0.00	105.59 1.64 0.00	76.89 0.96 0.00	53.18 0.63 0.00	59.90 0.95 0.00	43.80 0.42 0.00	42.05 0.44 0.00	40.76 0.50 0.00	56.83 0.59 0.00	70.30 0.98 0.00	79.80 1.09 0.00	84.90 1.00 0.00	99.73 0.67 0.00	117.53 0.87 0.00	150.68 0.83 0.00	195.86 1.28 0.00	153.12 0.89 0.00	104.28 0.64 0.00	115.06 1.04 0.00	149.37 1.66 0.00	163.39 2.39 0.00	98.31 0.99 0.00
MAPLEWOD_115KV_TB3 80458	96.85 4.50 0.00	95.06 4.45 0.00	100.40 4.61 0.00	108.97 5.02 0.00	84.70 3.79 -4.97	55.14 2.59 0.00	61.68 2.73 0.00	45.39 2.01 0.00	43.45 1.84 0.00	42.10 1.83 0.00	58.85 2.61 0.00	72.51 3.19 0.00	82.47 3.75 0.00	87.97 4.07 0.00	104.02 4.96 0.00	122.40 5.73 0.00	161.91 7.33 -4.73	272.67 9.60 -68.49	236.95 7.78 -76.94	222.24 5.39 -113.22	215.86 5.88 -95.97	154.87 7.17 0.00	168.31 7.30 0.00	101.89 4.57 0.00
MAPLE_RIDGE_WT_1 323574	90.63 -1.71 0.00	89.05 -1.56 0.00	94.15 -1.64 0.00	102.06 -1.89 0.00	74.51 -1.42 0.00	51.54 -1.02 0.00	57.98 -0.98 0.00	42.70 -0.67 0.00	41.10 -0.51 0.00	39.81 -0.45 0.00	55.74 -0.50 0.00	69.00 -0.32 0.00	78.20 -0.52 0.00	83.45 -0.45 0.00	98.71 -0.34 0.00	116.40 -0.26 0.00	149.46 -0.39 0.00	193.93 -0.64 0.00	151.63 -0.60 0.00	103.07 -0.57 0.00	113.57 -0.44 0.00	147.42 -0.29 0.00	160.94 -0.07 0.00	97.21 -0.11 0.00
MAPLE_RIDGE_WT_2 323611	90.63 -1.71 0.00	89.05 -1.56 0.00	94.15 -1.64 0.00	102.06 -1.89 0.00	74.51 -1.42 0.00	51.54 -1.02 0.00	57.98 -0.98 0.00	42.70 -0.67 0.00	41.10 -0.51 0.00	39.81 -0.45 0.00	55.74 -0.50 0.00	69.00 -0.32 0.00	78.20 -0.52 0.00	83.45 -0.45 0.00	98.71 -0.34 0.00	116.40 -0.26 0.00	149.46 -0.39 0.00	193.93 -0.64 0.00	151.63 -0.60 0.00	103.07 -0.57 0.00	113.57 -0.44 0.00	147.42 -0.29 0.00	160.94 -0.07 0.00	97.21 -0.11 0.00
MARBLE_RIVER_WT_PWR 323696	91.91 -0.44 0.00	90.64 0.03 0.00	96.58 0.79 0.00	104.91 0.97 0.00	76.45 0.51 0.00	52.78 0.22 0.00	59.32 0.36 0.00	43.23 -0.15 0.00	41.44 -0.18 0.00	40.12 -0.14 0.00	55.95 -0.29 0.00	69.14 -0.18 0.00	78.55 -0.16 0.00	83.57 -0.33 0.00	98.32 -0.74 0.00	115.75 -0.91 0.00	148.34 -1.51 0.00	192.18 -2.40 0.00	150.22 -2.02 0.00	102.46 -1.18 0.00	113.07 -0.95 0.00	147.05 -0.65 0.00	160.98 -0.03 0.00	97.03 -0.30 0.00
MARSHVLE_115KV_TB1 80742	95.96 3.62 0.00	94.18 3.57 0.00	99.49 3.70 0.00	107.90 3.95 0.00	84.49 2.88 -5.67	54.57 2.02 0.00	61.26 2.31 0.00	45.16 1.79 0.00	43.28 1.67 0.00	41.72 1.46 0.00	58.27 2.03 0.00	71.80 2.48 0.00	81.50 2.79 0.00	87.12 3.22 0.00	102.96 3.90 0.00	121.80 5.14 0.00	163.88 7.54 -6.49	299.43 10.86 -93.99	260.28 8.39 -99.66	253.75 5.71 -144.40	237.67 6.05 -117.61	155.76 8.06 0.00	169.96 8.95 0.00	102.72 5.39 0.00
MARSH_HILL_WT_PWR 323713	162.01 -9.60 -79.26	159.40 -9.56 -78.34	166.18 -10.69 -81.08	180.39 -11.25 -87.69	140.57 -7.92 -72.55	104.18 -5.40 -57.03	113.80 -6.06 -60.91	100.90 -4.30 -61.82	89.24 -3.99 -51.62	88.48 -3.93 -52.15	112.50 -5.18 -61.44	128.84 -7.01 -66.53	143.92 -8.50 -73.70	152.31 -8.04 -76.44	172.60 -9.51 -83.05	170.56 -10.37 -64.27	141.83 -11.88 -3.85	200.05 -15.30 -20.77	150.98 -11.13 -9.88	104.51 -6.68 -7.55	114.70 -6.68 -8.59	139.32 -8.39 0.00	155.15 -5.86 0.00	95.50 -1.82 0.00
MCINTYRE_115KV_TB2 80467	92.87 0.52 0.00	91.08 0.47 0.00	96.68 0.88 0.00	104.82 0.87 0.00	76.38 0.45 0.00	52.96 0.41 0.00	59.82 0.87 0.00	43.93 0.54 0.00	42.20 0.58 0.00	40.81 0.54 0.00	56.77 0.53 0.00	70.06 0.74 0.00	79.52 0.81 0.00	84.62 0.72 0.00	99.10 0.05 0.00	117.07 0.40 0.00	151.36 1.51 0.00	196.63 2.05 0.00	153.29 1.05 0.00	104.23 0.60 0.00	114.91 0.89 0.00	148.99 1.29 0.00	162.62 1.61 0.00	97.80 0.48 0.00
MECO_____69_KV_BK1 80468	98.22 5.88 0.00	96.31 5.70 0.00	101.69 5.90 0.00	110.30 6.35 0.00	86.09 4.69 -5.46	55.80 3.25 0.00	62.64 3.68 0.00	46.23 2.85 0.00	44.30 2.69 0.00	42.57 2.31 0.00	59.39 3.15 0.00	73.13 3.81 0.00	83.12 4.41 0.00	88.96 5.06 0.00	105.32 6.26 0.00	124.88 8.22 0.00	168.56 11.74 -6.97	311.70 16.24 -100.87	271.45 12.65 -106.57	266.04 8.58 -153.83	246.19 9.08 -123.09	159.10 11.39 0.00	173.13 12.13 0.00	104.50 7.18 0.00
MENANDS___115KV_TB5 355628	96.57 4.23 0.00	94.82 4.21 0.00	100.17 4.38 0.00	108.74 4.79 0.00	84.51 3.62 -4.96	55.01 2.46 0.00	61.52 2.56 0.00	45.25 1.87 0.00	43.31 1.70 0.00	41.96 1.70 0.00	58.67 2.43 0.00	72.28 2.96 0.00	82.22 3.51 0.00	87.67 3.76 0.00	103.67 4.61 0.00	121.93 5.26 0.00	161.01 6.63 -4.54	268.95 8.68 -65.70	233.59 7.03 -74.33	218.16 4.89 -109.63	213.03 5.36 -93.66	154.23 6.52 0.00	167.66 6.66 0.00	101.57 4.25 0.00
MG INDUSTRY___DRP 24185	96.23 3.89 0.00	94.52 3.91 0.00	99.89 4.10 0.00	108.52 4.58 0.00	84.18 3.40 -4.84	54.85 2.30 0.00	61.35 2.39 0.00	45.12 1.74 0.00	43.18 1.57 0.00	41.75 1.49 0.00	58.35 2.11 0.00	71.87 2.55 0.00	81.67 2.96 0.00	87.15 3.25 0.00	103.05 3.99 0.00	121.25 4.59 0.00	158.51 5.83 -2.83	243.13 7.60 -40.94	209.46 6.22 -51.01	185.65 4.34 -77.67	191.70 4.76 -72.91	153.58 5.88 0.00	167.07 6.06 0.00	101.27 3.94 0.00

MID___OSWEGATCHIE_HYD 23849	88.63 -3.72 0.00	87.00 -3.62 0.00	92.12 -3.67 0.00	99.85 -4.09 0.00	72.96 -3.08 -0.10	50.47 -2.09 0.00	56.99 -1.96 0.00	42.12 -1.26 0.00	40.47 -1.14 0.00	39.53 -0.73 0.00	55.54 -0.69 0.00	68.71 -0.61 0.00	77.96 -0.75 0.00	83.08 -0.82 0.00	97.91 -1.15 0.00	115.50 -1.16 0.00	149.13 -0.72 0.00	194.17 -0.41 0.00	151.69 -0.55 0.00	103.26 -0.45 -0.08	113.86 -0.57 -0.41	146.73 -0.98 0.00	159.74 -1.27 0.00	96.06 -1.26 0.00
MID___RAQUETTE_HYD 23851	89.69 -2.66 0.00	88.04 -2.57 0.00	93.45 -2.34 0.00	101.35 -2.60 0.00	73.85 -2.08 0.00	51.16 -1.39 0.00	57.77 -1.19 0.00	42.42 -0.96 0.00	40.73 -0.88 0.00	39.48 -0.79 0.00	55.05 -1.19 0.00	68.04 -1.28 0.00	77.24 -1.47 0.00	82.20 -1.70 0.00	96.62 -2.44 0.00	114.00 -2.66 0.00	146.74 -3.11 0.00	190.50 -4.08 0.00	148.62 -3.61 0.00	101.06 -2.57 0.00	111.48 -2.54 0.00	144.56 -3.14 0.00	157.80 -3.21 0.00	94.92 -2.40 0.00
MILLIKEN___1 23584	92.20 -0.15 0.00	90.48 -0.13 0.00	95.34 -0.45 0.00	103.58 -0.37 0.00	76.48 -0.23 -0.78	52.51 -0.04 0.00	58.84 -0.12 0.00	43.47 0.09 0.00	41.75 0.14 0.00	40.41 0.14 0.00	56.52 0.29 0.00	69.57 0.26 0.00	78.91 0.20 0.00	84.13 0.22 0.00	99.55 0.49 0.00	117.35 0.69 0.00	151.24 1.20 -0.19	199.65 2.34 -2.74	158.83 1.93 -4.67	112.59 1.27 -7.69	123.78 1.06 -8.70	148.95 1.24 0.00	162.63 1.62 0.00	98.41 1.09 0.00
MILLIKEN___2 23585	92.20 -0.15 0.00	90.48 -0.13 0.00	95.34 -0.45 0.00	103.58 -0.37 0.00	76.48 -0.23 -0.78	52.51 -0.04 0.00	58.84 -0.12 0.00	43.47 0.09 0.00	41.75 0.14 0.00	40.41 0.14 0.00	56.52 0.29 0.00	69.57 0.26 0.00	78.91 0.20 0.00	84.13 0.22 0.00	99.55 0.49 0.00	117.35 0.69 0.00	151.24 1.20 -0.19	199.65 2.34 -2.74	158.83 1.93 -4.67	112.59 1.27 -7.69	123.78 1.06 -8.70	148.95 1.24 0.00	162.63 1.62 0.00	98.41 1.09 0.00
MILLIKEN___DIESEL 23629	92.20 -0.15 0.00	90.48 -0.13 0.00	95.34 -0.45 0.00	103.58 -0.37 0.00	76.48 -0.23 -0.78	52.51 -0.04 0.00	58.84 -0.12 0.00	43.47 0.09 0.00	41.75 0.14 0.00	40.41 0.14 0.00	56.52 0.29 0.00	69.57 0.26 0.00	78.91 0.20 0.00	84.13 0.22 0.00	99.55 0.49 0.00	117.35 0.69 0.00	151.24 1.20 -0.19	199.65 2.34 -2.74	158.83 1.93 -4.67	112.59 1.27 -7.69	123.78 1.06 -8.70	148.95 1.24 0.00	162.63 1.62 0.00	98.41 1.09 0.00
MILLSEAT___LFGE 323607	70.81 -8.19 13.34	69.40 -8.02 13.19	72.82 -9.32 13.65	78.94 -10.25 14.76	57.28 -7.15 11.51	38.42 -4.54 9.60	43.72 -4.99 10.25	28.71 -4.33 10.34	28.92 -4.04 8.65	27.07 -4.42 8.77	39.65 -6.28 10.30	50.56 -7.57 11.20	57.63 -8.61 12.47	62.16 -8.88 12.87	74.48 -10.60 13.98	93.29 -12.55 10.82	132.67 -16.56 0.62	171.92 -19.59 3.07	137.56 -16.10 -1.43	97.03 -10.99 -4.38	106.43 -13.33 -5.74	131.21 -16.50 0.00	145.89 -15.12 0.00	90.33 -6.99 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	98.98 6.64 0.00	96.97 6.35 0.00	102.19 6.39 0.00	110.51 6.56 0.00	84.62 4.94 -3.74	56.06 3.51 0.00	62.67 3.71 0.00	46.20 2.82 0.00	44.35 2.74 0.00	43.06 2.79 0.00	60.33 4.10 0.00	74.19 4.87 0.00	84.14 5.43 0.00	89.67 5.77 0.00	106.02 6.96 0.00	124.95 8.29 0.00	161.37 10.85 -0.68	218.74 14.33 -9.84	183.07 11.63 -19.21	144.38 8.23 -32.52	162.03 8.98 -39.03	158.59 10.89 0.00	171.95 10.94 0.00	103.70 6.38 0.00
MILLWOOD_13_KV_LOAD 356217	99.11 6.77 0.00	97.08 6.47 0.00	102.32 6.53 0.00	110.65 6.70 0.00	84.70 5.02 -3.74	56.13 3.58 0.00	62.74 3.78 0.00	46.28 2.90 0.00	44.41 2.80 0.00	43.11 2.85 0.00	60.43 4.19 0.00	74.29 4.97 0.00	84.24 5.53 0.00	89.79 5.89 0.00	106.16 7.10 0.00	125.13 8.47 0.00	161.64 11.11 -0.68	219.08 14.67 -9.84	183.34 11.90 -19.21	144.58 8.43 -32.52	162.24 9.19 -39.03	158.83 11.13 0.00	172.21 11.20 0.00	103.84 6.52 0.00
MODEL_CITY_ENERGY 24167	63.80 -11.45 17.09	62.56 -11.16 16.89	65.66 -12.65 17.49	71.17 -13.87 18.91	51.28 -9.78 14.87	33.93 -6.33 12.30	38.78 -7.05 13.13	24.18 -6.00 13.20	24.90 -5.65 11.06	23.04 -5.98 11.24	34.73 -8.35 13.17	44.83 -10.15 14.34	51.12 -11.60 15.99	55.14 -12.28 16.48	66.32 -14.83 17.91	84.97 -17.83 13.86	125.26 -23.79 0.79	161.63 -29.01 3.93	130.12 -23.43 -1.32	92.33 -15.96 -4.65	101.33 -18.67 -5.99	124.67 -23.03 0.00	139.31 -21.69 0.00	86.85 -10.47 0.00
MODERN_LFGE___ 323580	63.80 -11.45 17.09	62.56 -11.16 16.89	65.66 -12.65 17.49	71.17 -13.87 18.91	51.28 -9.78 14.87	33.93 -6.33 12.30	38.78 -7.05 13.13	24.18 -6.00 13.20	24.90 -5.65 11.06	23.04 -5.98 11.24	34.73 -8.35 13.17	44.83 -10.15 14.34	51.12 -11.60 15.99	55.14 -12.28 16.48	66.32 -14.83 17.91	84.97 -17.83 13.86	125.26 -23.79 0.79	161.63 -29.01 3.93	130.12 -23.43 -1.32	92.33 -15.96 -4.65	101.33 -18.67 -5.99	124.67 -23.03 0.00	139.31 -21.69 0.00	86.85 -10.47 0.00
MOHAWK_PAPER___DRP 24187	96.85 4.50 0.00	95.06 4.45 0.00	100.40 4.61 0.00	108.97 5.02 0.00	84.70 3.79 -4.97	55.14 2.59 0.00	61.68 2.73 0.00	45.39 2.01 0.00	43.45 1.84 0.00	42.10 1.83 0.00	58.85 2.61 0.00	72.51 3.19 0.00	82.47 3.75 0.00	87.97 4.07 0.00	104.02 4.96 0.00	122.40 5.73 0.00	161.91 7.33 -4.73	272.67 9.60 -68.49	236.95 7.78 -76.94	222.24 5.39 -113.22	215.86 5.88 -95.97	154.87 7.17 0.00	168.31 7.30 0.00	101.89 4.57 0.00
MOHICAN___35_KV_115KV_LD 80490	99.70 7.35 0.00	97.83 7.22 0.00	103.08 7.28 0.00	111.59 7.64 0.00	86.70 5.69 -5.08	56.48 3.93 0.00	63.39 4.43 0.00	46.83 3.45 0.00	44.90 3.29 0.00	43.46 3.19 0.00	60.62 4.37 0.00	74.58 5.26 0.00	85.03 6.32 0.00	90.61 6.71 0.00	107.46 8.41 0.00	126.73 10.06 0.00	170.11 13.21 -7.04	314.05 17.55 -101.92	274.68 14.16 -108.29	269.49 9.76 -156.10	248.09 10.54 -123.53	160.61 12.90 0.00	173.91 12.90 0.00	104.82 7.49 0.00
MONGAUP___HYD 23641	98.93 6.59 0.00	96.89 6.27 0.00	102.13 6.33 0.00	110.53 6.58 0.00	84.30 4.93 -3.44	56.01 3.46 0.00	62.27 3.31 0.00	45.94 2.56 0.00	44.15 2.55 0.00	43.03 2.77 0.00	60.23 3.99 0.00	73.98 4.66 0.00	83.94 5.23 0.00	89.15 5.24 0.00	105.41 6.35 0.00	124.09 7.43 0.00	160.47 9.99 -0.63	214.61 10.93 -9.10	180.00 10.05 -17.72	141.39 7.79 -29.96	158.39 8.47 -35.91	158.00 10.29 0.00	172.30 11.29 0.00	103.88 6.56 0.00
MONTAUK___DIESEL 23721	101.79 9.44 0.00	99.17 8.55 0.00	104.32 8.53 0.00	112.67 8.73 0.00	86.17 6.47 -3.77	57.10 4.55 0.00	64.03 5.08 0.00	47.41 4.03 0.00	45.51 3.90 0.00	44.05 3.79 0.00	61.30 5.06 0.00	74.82 5.50 0.00	85.10 6.39 0.00	91.33 7.43 0.00	108.05 8.99 0.00	128.38 11.72 0.00	165.93 15.40 -0.68	219.52 15.05 -9.89	185.51 13.95 -19.32	148.69 12.35 -32.71	166.56 13.28 -39.26	163.80 16.10 0.00	176.71 15.71 0.00	106.26 8.94 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	66.16 -9.12 17.06	64.84 -8.91 16.87	68.30 -10.03 17.46	74.14 -10.93 18.88	53.24 -7.94 14.76	35.16 -5.12 12.28	40.73 -5.11 13.11	25.36 -4.73 13.29	26.20 -4.31 11.10	24.75 -4.29 11.23	37.29 -5.74 13.21	48.51 -6.49 14.32	55.00 -7.75 15.96	59.47 -7.98 16.46	72.15 -9.02 17.88	92.67 -10.16 13.84	136.61 -12.44 0.79	177.33 -13.32 3.93	143.49 -10.45 -1.71	102.31 -6.72 -5.39	112.55 -8.42 -6.95	137.76 -9.95 0.00	153.03 -7.98 0.00	94.44 -2.88 0.00

MORRIS_RIDGE___SOLAR 323848	-25.95 -8.87 109.43	-26.17 -8.64 108.15	-25.83 -9.68 111.94	-27.42 -10.31 121.06	-29.62 -7.31 98.25	-31.05 -4.87 78.73	-30.65 -5.52 84.08	-45.93 -3.98 85.33	-33.38 -3.74 71.25	-35.54 -3.81 71.99	-33.72 -5.16 84.81	-29.09 -6.57 91.85	-31.02 -7.86 101.87	-29.58 -7.95 105.53	-25.09 -9.49 114.66	16.90 -11.04 88.72	131.00 -13.93 4.91	154.58 -17.24 22.75	135.95 -13.26 3.03	102.45 -8.44 -7.26	112.30 -9.92 -8.20	135.98 -11.73 0.00	150.92 -10.09 0.00	92.97 -4.35 0.00
MORTIMER_115KV_TB3 55949	86.13 -6.21 0.00	84.57 -6.04 0.00	88.78 -7.01 0.00	96.24 -7.70 0.00	71.01 -5.40 -0.48	49.09 -3.46 0.00	55.12 -3.83 0.00	40.20 -3.19 -0.01	38.66 -2.96 0.00	37.18 -3.09 0.00	51.98 -4.26 0.00	64.18 -5.14 0.00	72.86 -5.86 -0.01	77.83 -6.08 0.00	91.80 -7.26 0.00	108.03 -8.64 0.00	138.74 -11.11 0.00	181.18 -13.39 0.00	141.40 -10.84 0.00	96.60 -7.42 -0.39	107.06 -8.95 -2.00	136.29 -11.42 0.00	150.22 -10.78 0.00	92.15 -5.18 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	99.63 7.28 0.00	97.59 6.97 0.00	102.81 7.02 0.00	111.13 7.18 0.00	85.12 5.43 -3.77	56.43 3.88 0.00	63.05 4.10 0.00	46.50 3.12 0.00	44.61 3.00 0.00	43.33 3.07 0.00	60.79 4.55 0.00	74.72 5.40 0.00	84.72 6.01 0.00	90.27 6.37 0.00	106.69 7.63 0.00	125.71 9.04 0.00	162.35 11.82 -0.68	219.93 15.46 -9.89	184.08 12.53 -19.32	145.20 8.86 -32.70	162.96 9.68 -39.26	159.43 11.73 0.00	172.76 11.75 0.00	104.17 6.85 0.00
MUNSVILLE_WIND_PWR 323609	94.01 1.67 0.00	92.32 1.70 0.00	97.62 1.83 0.00	105.67 1.72 0.00	78.63 1.49 -1.21	53.55 1.00 0.00	60.21 1.26 0.00	44.71 1.33 0.00	43.14 1.53 0.00	41.75 1.48 0.00	58.31 2.07 0.00	71.75 2.43 0.00	81.54 2.84 0.01	87.18 3.28 0.00	103.62 4.56 0.00	122.67 6.01 0.00	159.53 9.23 -0.45	215.77 14.68 -6.51	174.20 12.15 -9.81	127.89 8.68 -15.58	139.50 9.45 -16.02	160.52 12.81 0.00	176.21 15.20 0.00	106.41 9.09 0.00
N SALMON___HYD 24042	92.83 0.48 0.00	91.38 0.77 0.00	97.26 1.46 0.00	105.58 1.64 0.00	76.89 0.96 0.00	53.18 0.63 0.00	59.90 0.94 0.00	43.80 0.41 0.00	42.06 0.45 0.00	40.76 0.49 0.00	56.83 0.59 0.00	70.30 0.98 0.00	79.80 1.09 0.00	84.90 1.00 0.00	99.73 0.67 0.00	117.53 0.87 0.00	150.68 0.83 0.00	195.85 1.27 0.00	153.13 0.89 0.00	104.28 0.64 0.00	115.05 1.04 0.00	149.37 1.66 0.00	163.39 2.38 0.00	98.31 0.99 0.00
N.AKRON__115KV_KNAPP 355671	68.93 -8.96 14.45	67.55 -8.78 14.28	70.79 -10.21 14.78	76.74 -11.22 15.99	55.59 -7.84 12.50	37.16 -4.99 10.40	42.35 -5.50 11.10	27.35 -4.83 11.20	27.74 -4.50 9.37	25.94 -4.82 9.50	38.21 -6.87 11.16	48.91 -8.28 12.13	55.79 -9.41 13.51	60.19 -9.77 13.94	72.24 -11.68 15.14	91.02 -13.92 11.72	130.96 -18.22 0.67	169.26 -21.99 3.33	135.90 -17.73 -1.39	95.88 -12.20 -4.44	105.31 -14.51 -5.80	129.73 -17.98 0.00	144.50 -16.50 0.00	89.62 -7.70 0.00
N.BELMOR_69_KV_BK1 55787	101.05 8.71 0.00	98.69 8.08 0.00	103.87 8.08 0.00	112.23 8.28 0.00	85.93 6.23 -3.77	57.00 4.45 0.00	63.78 4.82 0.00	47.11 3.72 0.00	45.25 3.64 0.00	43.90 3.64 0.00	61.50 5.26 0.00	75.44 6.12 0.00	85.48 6.77 0.00	91.31 7.40 0.00	107.77 8.71 0.00	127.12 10.46 0.00	163.80 13.27 -0.68	221.12 16.65 -9.89	185.71 14.16 -19.32	146.73 10.39 -32.71	164.80 11.52 -39.26	161.89 14.18 0.00	175.16 14.15 0.00	105.64 8.32 0.00
N.E_GEN_SANDY PD 24062	98.08 5.73 0.00	102.23 5.62 -5.99	102.86 5.77 -1.30	109.98 6.03 0.00	84.95 4.58 -4.44	65.56 3.20 -9.81	68.24 3.38 -5.91	55.48 2.54 -9.55	46.10 2.40 -2.10	50.47 2.37 -7.83	57.86 3.25 1.63	74.10 3.92 -0.85	83.34 4.63 0.00	88.01 4.90 0.79	106.29 6.09 -1.14	124.90 7.11 -1.12	160.74 9.06 -1.84	230.42 11.94 -23.90	198.56 9.72 -36.60	167.82 6.82 -57.37	179.63 7.47 -58.14	156.76 9.05 0.00	170.09 9.08 0.00	102.85 5.52 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	98.56 6.22 0.00	96.57 5.95 0.00	101.75 5.96 0.00	110.06 6.11 0.00	84.18 4.61 -3.63	55.85 3.30 0.00	62.41 3.45 0.00	46.01 2.63 0.00	44.14 2.53 0.00	42.85 2.58 0.00	60.06 3.82 0.00	73.83 4.51 0.00	83.71 5.00 0.00	89.21 5.30 0.00	105.48 6.42 0.00	124.32 7.65 0.00	160.65 10.14 -0.66	217.65 13.50 -9.56	181.87 10.99 -18.65	142.99 7.79 -31.56	160.38 8.50 -37.86	157.99 10.28 0.00	171.38 10.37 0.00	103.35 6.03 0.00
N.QUEENS_27_KV_LOAD 356247	99.55 7.21 0.01	97.49 6.88 0.01	102.78 6.99 0.01	111.04 7.10 0.01	85.03 5.34 -3.76	56.37 3.83 0.01	63.10 4.15 0.00	46.55 3.17 0.00	44.67 3.07 0.00	43.42 3.15 0.00	60.85 4.61 0.00	74.70 5.38 0.00	84.83 6.12 0.00	90.42 6.51 0.00	106.86 7.80 0.00	125.79 9.13 0.00	162.86 12.33 -0.68	220.58 16.10 -9.89	184.54 12.99 -19.32	145.62 9.28 -32.70	163.32 10.05 -39.25	159.45 11.75 0.00	172.54 11.53 0.00	104.03 6.71 0.00
N.TROY___115KV_TB1 355778	96.97 4.63 0.00	95.19 4.58 0.00	100.54 4.74 0.00	109.01 5.06 0.00	84.76 3.83 -4.99	55.17 2.62 0.00	61.75 2.80 0.00	45.50 2.12 0.00	43.56 1.94 0.00	42.16 1.90 0.00	58.85 2.62 0.00	72.50 3.18 0.00	82.53 3.82 0.00	88.01 4.11 0.00	104.16 5.10 0.00	122.61 5.95 0.00	163.26 7.55 -5.86	289.39 9.97 -84.84	252.52 8.05 -92.25	243.37 5.62 -134.12	229.44 6.15 -109.27	155.18 7.47 0.00	168.50 7.49 0.00	101.99 4.66 0.00
NARROWS_GT1_1 24228	100.49 8.15 0.00	98.42 7.80 0.00	103.69 7.90 0.00	111.97 8.02 0.00	85.81 6.11 -3.77	75.27 4.41 -18.30	75.47 4.70 -11.81	76.19 3.57 -29.24	78.71 3.43 -33.67	80.02 3.50 -36.25	78.49 5.14 -17.12	126.99 6.12 -51.55	103.32 6.78 -17.82	124.33 7.05 -33.39	107.42 8.36 0.00	126.46 9.80 0.00	346.08 13.17 -183.06	780.11 17.32 -568.22	314.30 14.10 -147.97	294.53 9.91 -180.99	313.52 10.89 -188.61	307.19 13.31 -146.18	191.12 13.39 -16.72	113.52 7.85 -8.35
NARROWS_GT1_2 24229	100.49 8.15 0.00	98.42 7.80 0.00	103.69 7.90 0.00	111.97 8.02 0.00	85.81 6.11 -3.77	75.27 4.41 -18.30	75.47 4.70 -11.81	76.19 3.57 -29.24	78.71 3.43 -33.67	80.02 3.50 -36.25	78.49 5.14 -17.12	126.99 6.12 -51.55	103.32 6.78 -17.82	124.33 7.05 -33.39	107.42 8.36 0.00	126.46 9.80 0.00	346.08 13.17 -183.06	780.11 17.32 -568.22	314.30 14.10 -147.97	294.53 9.91 -180.99	313.52 10.89 -188.61	307.19 13.31 -146.18	191.12 13.39 -16.72	113.52 7.85 -8.35
NARROWS_GT1_3 24230	100.49 8.15 0.00	98.42 7.80 0.00	103.69 7.90 0.00	111.97 8.02 0.00	85.81 6.11 -3.77	75.27 4.41 -18.30	75.47 4.70 -11.81	76.19 3.57 -29.24	78.71 3.43 -33.67	80.02 3.50 -36.25	78.49 5.14 -17.12	126.99 6.12 -51.55	103.32 6.78 -17.82	124.33 7.05 -33.39	107.42 8.36 0.00	126.46 9.80 0.00	346.08 13.17 -183.06	780.11 17.32 -568.22	314.30 14.10 -147.97	294.53 9.91 -180.99	313.52 10.89 -188.61	307.19 13.31 -146.18	191.12 13.39 -16.72	113.52 7.85 -8.35
NARROWS_GT1_4 24231	100.49 8.15 0.00	98.42 7.80 0.00	103.69 7.90 0.00	111.97 8.02 0.00	85.81 6.11 -3.77	75.27 4.41 -18.30	75.47 4.70 -11.81	76.19 3.57 -29.24	78.71 3.43 -33.67	80.02 3.50 -36.25	78.49 5.14 -17.12	126.99 6.12 -51.55	103.32 6.78 -17.82	124.33 7.05 -33.39	107.42 8.36 0.00	126.46 9.80 0.00	346.08 13.17 -183.06	780.11 17.32 -568.22	314.30 14.10 -147.97	294.53 9.91 -180.99	313.52 10.89 -188.61	307.19 13.31 -146.18	191.12 13.39 -16.72	113.52 7.85 -8.35

NARROWS_GT1_5 24232	100.49 8.15 0.00	98.42 7.80 0.00	103.69 7.90 0.00	111.97 8.02 0.00	85.81 6.11 -3.77	75.27 4.41 -18.30	75.47 4.70 -11.81	76.19 3.57 -29.24	78.71 3.43 -33.67	80.02 3.50 -36.25	78.49 5.14 -17.12	126.99 6.12 -51.55	103.32 6.78 -17.82	124.33 7.05 -33.39	107.42 8.36 0.00	126.46 9.80 0.00	346.08 13.17 -183.06	780.11 17.32 -568.22	314.30 14.10 -147.97	294.53 9.91 -180.99	313.52 10.89 -188.61	307.19 13.31 -146.18	191.12 13.39 -16.72	113.52 7.85 -8.35
NARROWS_GT1_6 24233	100.49 8.15 0.00	98.42 7.80 0.00	103.69 7.90 0.00	111.97 8.02 0.00	85.81 6.11 -3.77	75.27 4.41 -18.30	75.47 4.70 -11.81	76.19 3.57 -29.24	78.71 3.43 -33.67	80.02 3.50 -36.25	78.49 5.14 -17.12	126.99 6.12 -51.55	103.32 6.78 -17.82	124.33 7.05 -33.39	107.42 8.36 0.00	126.46 9.80 0.00	346.08 13.17 -183.06	780.11 17.32 -568.22	314.30 14.10 -147.97	294.53 9.91 -180.99	313.52 10.89 -188.61	307.19 13.31 -146.18	191.12 13.39 -16.72	113.52 7.85 -8.35
NARROWS_GT1_7 24234	100.49 8.15 0.00	98.42 7.80 0.00	103.69 7.90 0.00	111.97 8.02 0.00	85.81 6.11 -3.77	75.27 4.41 -18.30	75.47 4.70 -11.81	76.19 3.57 -29.24	78.71 3.43 -33.67	80.02 3.50 -36.25	78.49 5.14 -17.12	126.99 6.12 -51.55	103.32 6.78 -17.82	124.33 7.05 -33.39	107.42 8.36 0.00	126.46 9.80 0.00	346.08 13.17 -183.06	780.11 17.32 -568.22	314.30 14.10 -147.97	294.53 9.91 -180.99	313.52 10.89 -188.61	307.19 13.31 -146.18	191.12 13.39 -16.72	113.52 7.85 -8.35
NARROWS_GT1_8 24235	100.49 8.15 0.00	98.42 7.80 0.00	103.69 7.90 0.00	111.97 8.02 0.00	85.81 6.11 -3.77	75.27 4.41 -18.30	75.47 4.70 -11.81	76.19 3.57 -29.24	78.71 3.43 -33.67	80.02 3.50 -36.25	78.49 5.14 -17.12	126.99 6.12 -51.55	103.32 6.78 -17.82	124.33 7.05 -33.39	107.42 8.36 0.00	126.46 9.80 0.00	346.08 13.17 -183.06	780.11 17.32 -568.22	314.30 14.10 -147.97	294.53 9.91 -180.99	313.52 10.89 -188.61	307.19 13.31 -146.18	191.12 13.39 -16.72	113.52 7.85 -8.35
NARROWS_GT2_1 24236	100.49 8.15 0.00	98.42 7.80 0.00	103.69 7.90 0.00	111.97 8.02 0.00	85.81 6.11 -3.77	75.27 4.41 -18.30	75.47 4.70 -11.81	76.19 3.57 -29.24	78.71 3.43 -33.67	80.02 3.50 -36.25	78.49 5.14 -17.12	126.99 6.12 -51.55	103.32 6.78 -17.82	124.33 7.05 -33.39	107.42 8.36 0.00	126.46 9.80 0.00	346.08 13.17 -183.06	780.11 17.32 -568.22	314.30 14.10 -147.97	294.53 9.91 -180.99	313.52 10.89 -188.61	307.19 13.31 -146.18	191.12 13.39 -16.72	113.52 7.85 -8.35
NARROWS_GT2_2 24237	100.49 8.15 0.00	98.42 7.80 0.00	103.69 7.90 0.00	111.97 8.02 0.00	85.81 6.11 -3.77	75.27 4.41 -18.30	75.47 4.70 -11.81	76.19 3.57 -29.24	78.71 3.43 -33.67	80.02 3.50 -36.25	78.49 5.14 -17.12	126.99 6.12 -51.55	103.32 6.78 -17.82	124.33 7.05 -33.39	107.42 8.36 0.00	126.46 9.80 0.00	346.08 13.17 -183.06	780.11 17.32 -568.22	314.30 14.10 -147.97	294.53 9.91 -180.99	313.52 10.89 -188.61	307.19 13.31 -146.18	191.12 13.39 -16.72	113.52 7.85 -8.35
NARROWS_GT2_3 24238	100.49 8.15 0.00	98.42 7.80 0.00	103.69 7.90 0.00	111.97 8.02 0.00	85.81 6.11 -3.77	75.27 4.41 -18.30	75.47 4.70 -11.81	76.19 3.57 -29.24	78.71 3.43 -33.67	80.02 3.50 -36.25	78.49 5.14 -17.12	126.99 6.12 -51.55	103.32 6.78 -17.82	124.33 7.05 -33.39	107.42 8.36 0.00	126.46 9.80 0.00	346.08 13.17 -183.06	780.11 17.32 -568.22	314.30 14.10 -147.97	294.53 9.91 -180.99	313.52 10.89 -188.61	307.19 13.31 -146.18	191.12 13.39 -16.72	113.52 7.85 -8.35
NARROWS_GT2_4 24239	100.49 8.15 0.00	98.42 7.80 0.00	103.69 7.90 0.00	111.97 8.02 0.00	85.81 6.11 -3.77	75.27 4.41 -18.30	75.47 4.70 -11.81	76.19 3.57 -29.24	78.71 3.43 -33.67	80.02 3.50 -36.25	78.49 5.14 -17.12	126.99 6.12 -51.55	103.32 6.78 -17.82	124.33 7.05 -33.39	107.42 8.36 0.00	126.46 9.80 0.00	346.08 13.17 -183.06	780.11 17.32 -568.22	314.30 14.10 -147.97	294.53 9.91 -180.99	313.52 10.89 -188.61	307.19 13.31 -146.18	191.12 13.39 -16.72	113.52 7.85 -8.35
NARROWS_GT2_5 24240	100.49 8.15 0.00	98.42 7.80 0.00	103.69 7.90 0.00	111.97 8.02 0.00	85.81 6.11 -3.77	75.27 4.41 -18.30	75.47 4.70 -11.81	76.19 3.57 -29.24	78.71 3.43 -33.67	80.02 3.50 -36.25	78.49 5.14 -17.12	126.99 6.12 -51.55	103.32 6.78 -17.82	124.33 7.05 -33.39	107.42 8.36 0.00	126.46 9.80 0.00	346.08 13.17 -183.06	780.11 17.32 -568.22	314.30 14.10 -147.97	294.53 9.91 -180.99	313.52 10.89 -188.61	307.19 13.31 -146.18	191.12 13.39 -16.72	113.52 7.85 -8.35
NARROWS_GT2_6 24241	100.49 8.15 0.00	98.42 7.80 0.00	103.69 7.90 0.00	111.97 8.02 0.00	85.81 6.11 -3.77	75.27 4.41 -18.30	75.47 4.70 -11.81	76.19 3.57 -29.24	78.71 3.43 -33.67	80.02 3.50 -36.25	78.49 5.14 -17.12	126.99 6.12 -51.55	103.32 6.78 -17.82	124.33 7.05 -33.39	107.42 8.36 0.00	126.46 9.80 0.00	346.08 13.17 -183.06	780.11 17.32 -568.22	314.30 14.10 -147.97	294.53 9.91 -180.99	313.52 10.89 -188.61	307.19 13.31 -146.18	191.12 13.39 -16.72	113.52 7.85 -8.35
NARROWS_GT2_7 24242	100.49 8.15 0.00	98.42 7.80 0.00	103.69 7.90 0.00	111.97 8.02 0.00	85.81 6.11 -3.77	75.27 4.41 -18.30	75.47 4.70 -11.81	76.19 3.57 -29.24	78.71 3.43 -33.67	80.02 3.50 -36.25	78.49 5.14 -17.12	126.99 6.12 -51.55	103.32 6.78 -17.82	124.33 7.05 -33.39	107.42 8.36 0.00	126.46 9.80 0.00	346.08 13.17 -183.06	780.11 17.32 -568.22	314.30 14.10 -147.97	294.53 9.91 -180.99	313.52 10.89 -188.61	307.19 13.31 -146.18	191.12 13.39 -16.72	113.52 7.85 -8.35
NARROWS_GT2_8 24243	100.49 8.15 0.00	98.42 7.80 0.00	103.69 7.90 0.00	111.97 8.02 0.00	85.81 6.11 -3.77	75.27 4.41 -18.30	75.47 4.70 -11.81	76.19 3.57 -29.24	78.71 3.43 -33.67	80.02 3.50 -36.25	78.49 5.14 -17.12	126.99 6.12 -51.55	103.32 6.78 -17.82	124.33 7.05 -33.39	107.42 8.36 0.00	126.46 9.80 0.00	346.08 13.17 -183.06	780.11 17.32 -568.22	314.30 14.10 -147.97	294.53 9.91 -180.99	313.52 10.89 -188.61	307.19 13.31 -146.18	191.12 13.39 -16.72	113.52 7.85 -8.35
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	99.48 7.13 0.00	97.62 7.01 0.00	103.11 7.31 0.00	111.96 8.02 0.00	86.53 5.96 -4.63	56.64 4.09 0.00	63.37 4.42 0.00	46.65 3.27 0.00	44.70 3.09 0.00	43.19 2.93 0.00	60.27 4.03 0.00	74.36 5.04 0.00	84.52 5.81 0.00	90.10 6.20 0.00	106.88 7.82 0.00	126.02 9.35 0.00	164.85 12.30 -2.71	249.82 16.05 -39.18	213.77 12.70 -48.83	186.51 8.51 -74.36	192.88 9.06 -69.81	159.10 11.39 0.00	172.78 11.77 0.00	104.79 7.47 0.00
NCHELSEA_115KV_TR2 355582	100.10 7.75 0.00	98.05 7.44 0.00	103.32 7.53 0.00	111.82 7.87 0.00	85.56 5.86 -3.76	56.70 4.14 0.00	63.40 4.44 0.00	46.78 3.40 0.00	44.93 3.32 0.00	43.60 3.34 0.00	61.03 4.79 0.00	75.06 5.74 0.00	85.20 6.49 0.00	90.85 6.95 0.00	107.50 8.44 0.00	126.72 10.06 0.00	163.86 13.27 -0.74	222.94 17.70 -10.67	186.55 14.29 -20.03	147.22 9.94 -33.65	164.58 10.74 -39.83	160.76 13.06 0.00	174.24 13.23 0.00	104.98 7.66 0.00
NEG CAPITAL___MECHNVIL 23645	98.41 6.07 0.00	96.53 5.92 0.00	101.89 6.10 0.00	110.43 6.49 0.00	85.84 4.86 -5.05	55.89 3.33 0.00	62.62 3.67 0.00	46.20 2.82 0.00	44.28 2.67 0.00	42.84 2.58 0.00	59.85 3.61 0.00	73.70 4.37 0.00	83.96 5.24 0.00	89.51 5.61 0.00	105.90 6.85 0.00	124.86 8.20 0.00	167.24 10.71 -6.69	305.54 14.18 -96.78	267.00 11.30 -103.46	260.92 7.81 -149.48	241.67 8.42 -119.23	157.97 10.26 0.00	171.43 10.42 0.00	103.57 6.25 0.00



NEG CENTRAL_HIGH_ACRES 23767	85.67 -6.67 0.00	84.11 -6.50 0.00	88.41 -7.39 0.00	95.88 -8.07 0.00	70.71 -5.69 -0.47	48.87 -3.69 0.00	54.83 -4.12 0.00	40.10 -3.28 0.00	38.56 -3.05 0.00	37.15 -3.11 0.00	51.97 -4.27 0.00	64.17 -5.15 0.00	72.86 -5.87 -0.01	77.75 -6.15 0.00	91.72 -7.33 0.00	108.00 -8.67 0.00	138.66 -11.19 0.00	181.09 -13.49 0.00	141.21 -11.02 0.00	96.48 -7.53 -0.38	106.94 -9.02 -1.94	136.10 -11.61 0.00	149.57 -11.43 0.00	91.48 -5.85 0.00
NEG CENTRAL___DRP 24199	97.23 -3.11 -7.99	95.43 -3.08 -7.90	100.33 -3.65 -8.18	108.97 -3.83 -8.85	81.00 -2.68 -7.75	56.69 -1.62 -5.75	63.23 -1.87 -6.14	48.37 -1.24 -6.24	45.68 -1.14 -5.21	44.36 -1.17 -5.26	60.89 -1.55 -6.20	73.96 -2.07 -6.71	83.51 -2.64 -7.44	88.90 -2.71 -7.71	104.29 -3.14 -8.38	119.54 -3.60 -6.48	145.81 -4.41 -0.37	191.44 -4.98 -1.84	150.99 -3.87 -2.62	105.01 -2.56 -3.94	116.21 -3.19 -5.39	143.38 -4.33 0.00	156.91 -4.10 0.00	95.40 -1.93 0.00
NEG CENTRAL___INDECK 23768	168.50 -4.10 -80.26	165.85 -4.08 -79.32	172.89 -5.00 -82.10	187.43 -5.30 -88.79	145.60 -3.65 -73.32	108.05 -2.25 -57.74	118.16 -2.46 -61.67	104.07 -1.90 -62.59	92.22 -1.65 -52.26	91.22 -1.84 -52.80	116.06 -2.39 -62.21	133.55 -3.13 -67.36	149.39 -3.97 -74.65	157.23 -4.07 -77.40	177.48 -5.67 -84.09	173.70 -8.04 -65.07	142.78 -10.80 -3.73	200.64 -12.40 -18.47	150.55 -9.94 -8.26	102.78 -6.22 -5.37	113.21 -7.98 -7.18	138.08 -9.62 0.00	152.68 -8.33 0.00	97.23 -0.10 0.00
NEG CENTRAL___SENECA 23627	101.43 -3.97 -13.06	99.57 -3.96 -12.91	104.49 -4.66 -13.36	113.51 -4.89 -14.45	84.92 -3.41 -12.39	59.92 -2.03 -9.40	66.66 -2.33 -10.04	52.01 -1.55 -10.18	48.75 -1.37 -8.50	47.40 -1.46 -8.59	64.39 -1.97 -10.12	77.59 -2.69 -10.96	87.34 -3.52 -12.15	92.95 -3.54 -12.59	108.60 -4.14 -13.68	122.46 -4.79 -10.59	144.59 -5.87 -0.61	190.80 -6.78 -3.01	150.23 -5.22 -3.23	104.69 -3.38 -4.43	115.81 -4.23 -6.03	142.08 -5.63 0.00	155.82 -5.19 0.00	94.99 -2.33 0.00
NEG CENTRAL___STATE_STREET 24147	91.02 -1.33 0.00	89.31 -1.30 0.00	94.06 -1.73 0.00	102.21 -1.74 0.00	75.14 -1.29 -0.50	51.86 -0.69 0.00	58.10 -0.85 0.00	42.87 -0.51 0.00	41.04 -0.57 0.00	39.78 -0.48 0.00	55.65 -0.59 0.00	68.53 -0.80 0.00	77.75 -0.96 0.00	82.84 -1.06 0.00	97.86 -1.20 0.00	115.51 -1.15 0.00	148.70 -1.15 0.00	193.56 -1.02 0.00	153.65 -0.63 -2.04	106.74 -0.76 -3.86	118.31 -0.97 -5.26	146.32 -1.39 0.00	159.69 -1.32 0.00	96.78 -0.54 0.00
NEG MILLWOOD___DRP 24198	100.45 8.11 0.00	98.36 7.74 0.00	103.65 7.86 0.00	112.11 8.17 0.00	85.83 6.09 -3.80	56.88 4.33 0.00	63.60 4.64 0.00	46.93 3.55 0.00	45.07 3.46 0.00	43.77 3.51 0.00	61.30 5.07 0.00	75.38 6.07 0.00	85.56 6.85 0.00	91.19 7.28 0.00	107.85 8.79 0.00	127.16 10.50 0.00	164.41 13.85 -0.72	223.40 18.41 -10.40	186.95 14.82 -19.89	147.51 10.34 -33.54	165.13 11.17 -39.95	161.28 13.57 0.00	174.77 13.76 0.00	105.28 7.96 0.00
NEG NORTH_FLCN_SEA 23793	93.18 0.83 0.00	91.91 1.30 0.00	97.98 2.18 0.00	106.48 2.53 0.00	77.50 1.56 0.00	53.38 0.82 0.00	59.79 0.84 0.00	43.54 0.16 0.00	41.68 0.07 0.00	40.38 0.12 0.00	56.23 -0.01 0.00	69.45 0.13 0.00	78.97 0.26 0.00	84.03 0.12 0.00	98.92 -0.14 0.00	116.46 -0.20 0.00	148.97 -0.88 0.00	193.13 -1.44 0.00	150.97 -1.26 0.00	103.14 -0.49 0.00	113.67 -0.35 0.00	147.68 -0.02 0.00	161.57 0.56 0.00	97.44 0.11 0.00
NEG NORTH_KES_CHATEGAY 23792	92.23 -0.12 0.00	90.89 0.28 0.00	96.85 1.05 0.00	105.24 1.30 0.00	76.60 0.67 0.00	52.93 0.37 0.00	59.54 0.58 0.00	43.42 0.04 0.00	41.61 0.00 0.00	40.28 0.02 0.00	56.18 -0.06 0.00	69.44 0.12 0.00	78.85 0.14 0.00	83.84 -0.07 0.00	98.61 -0.45 0.00	116.16 -0.50 0.00	148.90 -0.94 0.00	193.06 -1.52 0.00	150.94 -1.29 0.00	102.83 -0.80 0.00	113.53 -0.49 0.00	147.60 -0.10 0.00	161.58 0.57 0.00	97.37 0.05 0.00
NEG NORTH___ALICE_FALLS 23915	93.67 1.33 0.00	92.35 1.73 0.00	98.45 2.66 0.00	106.96 3.02 0.00	77.89 1.96 0.00	53.73 1.18 0.00	60.29 1.33 0.00	43.95 0.56 0.00	42.11 0.50 0.00	40.81 0.55 0.00	56.85 0.61 0.00	70.26 0.94 0.00	79.88 1.16 0.00	84.96 1.06 0.00	100.00 0.94 0.00	117.78 1.11 0.00	150.70 0.85 0.00	195.60 1.02 0.00	152.90 0.67 0.00	104.35 0.71 0.00	114.95 0.93 0.00	149.26 1.56 0.00	163.29 2.28 0.00	98.37 1.05 0.00
NEG NORTH___LWR_SARANAC 23913	93.67 1.33 0.00	92.35 1.73 0.00	98.45 2.66 0.00	106.96 3.02 0.00	77.89 1.96 0.00	53.73 1.18 0.00	60.29 1.33 0.00	43.95 0.56 0.00	42.11 0.50 0.00	40.81 0.55 0.00	56.85 0.61 0.00	70.26 0.94 0.00	79.88 1.16 0.00	84.96 1.06 0.00	100.00 0.94 0.00	117.78 1.11 0.00	150.70 0.85 0.00	195.60 1.02 0.00	152.90 0.67 0.00	104.35 0.71 0.00	114.95 0.93 0.00	149.26 1.56 0.00	163.29 2.28 0.00	98.37 1.05 0.00
NEG NORTH___PLATTSBURG 23628	93.68 1.33 0.00	92.35 1.73 0.00	98.44 2.65 0.00	106.96 3.01 0.00	77.89 1.96 0.00	53.73 1.18 0.00	60.29 1.34 0.00	43.95 0.56 0.00	42.12 0.51 0.00	40.81 0.55 0.00	56.85 0.61 0.00	70.26 0.94 0.00	79.87 1.16 0.00	84.96 1.06 0.00	100.00 0.94 0.00	117.78 1.11 0.00	150.70 0.85 0.00	195.53 0.96 0.00	152.91 0.67 0.00	104.35 0.71 0.00	114.95 0.93 0.00	149.27 1.56 0.00	163.29 2.28 0.00	98.37 1.05 0.00
NEG WEST_LEA_LOCKPORT 23791	63.66 -11.23 17.45	62.42 -10.94 17.25	65.44 -12.50 17.85	70.94 -13.70 19.30	51.07 -9.66 15.20	33.76 -6.24 12.56	38.62 -6.93 13.41	23.89 -5.95 13.55	24.69 -5.60 11.33	22.95 -5.84 11.48	34.49 -8.27 13.48	44.66 -10.01 14.65	50.97 -11.42 16.31	55.10 -11.97 16.83	66.39 -14.39 18.29	85.34 -17.17 14.15	126.56 -22.48 0.81	162.94 -27.62 4.02	131.38 -22.04 -1.18	93.21 -15.01 -4.59	102.37 -17.58 -5.94	125.98 -21.73 0.00	140.69 -20.32 0.00	87.55 -9.77 0.00
NEG WEST___LANCASTER 23811	68.15 -6.72 17.47	67.11 -6.24 17.27	70.48 -7.44 17.87	76.52 -8.10 19.33	55.07 -5.74 15.12	36.32 -3.66 12.57	41.31 -4.22 13.42	26.00 -3.78 13.60	26.77 -3.48 11.36	25.31 -3.46 11.49	37.93 -4.79 13.52	49.09 -5.57 14.66	55.77 -6.60 16.34	60.33 -6.72 16.85	72.51 -8.24 18.31	92.70 -9.79 14.17	135.65 -13.39 0.81	174.50 -16.06 4.02	140.82 -13.14 -1.73	100.41 -8.70 -5.48	110.45 -10.65 -7.08	135.09 -12.62 0.00	150.36 -10.64 0.00	92.67 -4.65 0.00
NEG_PENN_ALLEGHNY 23528	91.07 -1.28 0.00	89.39 -1.22 0.00	94.27 -1.52 0.00	102.39 -1.55 0.00	76.15 -1.05 -1.26	51.85 -0.70 0.00	57.98 -0.98 0.00	42.84 -0.55 0.00	41.17 -0.44 0.00	39.83 -0.43 0.00	55.83 -0.41 0.00	68.73 -0.59 0.00	77.88 -0.81 0.02	83.12 -0.78 0.00	98.27 -0.79 0.00	115.63 -1.04 0.00	148.66 -1.49 -0.30	197.51 -1.42 -4.34	158.89 -0.94 -7.59	115.70 -0.48 -12.54	127.29 -0.89 -14.16	146.56 -1.14 0.00	160.32 -0.69 0.00	97.01 -0.31 0.00
NEG___GEN_MONROE 24207	86.44 -5.90 0.00	84.86 -5.75 0.00	89.02 -6.77 0.00	96.48 -7.46 0.00	71.19 -5.23 -0.49	49.27 -3.28 0.00	55.33 -3.62 0.00	40.31 -3.08 -0.01	38.77 -2.85 -0.01	37.22 -3.04 0.00	52.00 -4.25 -0.01	64.18 -5.14 0.00	72.87 -5.85 0.00	77.90 -6.00 0.00	91.98 -7.08 0.00	108.23 -8.43 0.00	139.00 -10.85 0.00	181.74 -12.84 0.00	141.75 -10.48 0.00	96.81 -7.22 -0.39	107.19 -8.82 -2.00	136.53 -11.18 0.00	150.58 -10.43 0.00	92.49 -4.83 0.00

NEPA___ENERGY 23901	58.80 -9.43 24.11	57.58 -9.20 23.83	60.63 -10.50 24.67	65.81 -11.46 26.68	46.73 -8.04 21.17	30.00 -5.20 17.35	34.79 -5.64 18.53	19.67 -4.93 18.78	21.37 -4.55 15.69	19.77 -4.63 15.86	31.08 -6.48 18.68	41.33 -7.75 20.24	47.31 -8.88 22.52	51.43 -9.22 23.25	62.84 -10.95 25.27	84.41 -12.70 19.55	132.57 -16.16 1.12	170.06 -18.97 5.55	138.23 -15.10 -1.10	98.79 -9.99 -5.14	108.59 -12.03 -6.61	133.10 -14.61 0.00	148.14 -12.86 0.00	91.72 -5.60 0.00
NEVERSink___HYD 23608	99.26 6.92 0.00	97.23 6.61 0.00	102.44 6.64 0.00	110.94 6.99 0.00	84.56 5.20 -3.42	56.27 3.71 0.00	62.93 3.98 0.00	46.51 3.13 0.00	44.68 3.07 0.00	43.32 3.05 0.00	60.57 4.34 0.00	74.48 5.16 0.00	84.57 5.86 0.00	90.15 6.24 0.00	106.73 7.67 0.00	125.91 9.24 0.00	163.10 12.47 -0.78	222.80 16.89 -11.34	185.57 13.58 -19.75	145.73 9.39 -32.71	161.59 10.02 -37.55	159.77 12.06 0.00	173.06 12.06 0.00	104.19 6.87 0.00
NEWKRMKL_115KV_TB1 55635	96.50 4.16 0.00	94.72 4.11 0.00	100.06 4.27 0.00	108.61 4.66 0.00	84.42 3.52 -4.96	54.94 2.38 0.00	61.44 2.49 0.00	45.21 1.83 0.00	43.26 1.65 0.00	41.92 1.65 0.00	58.63 2.39 0.00	72.24 2.92 0.00	82.14 3.42 0.00	87.59 3.68 0.00	103.56 4.50 0.00	121.82 5.16 0.00	160.78 6.56 -4.37	266.38 8.58 -63.22	231.19 6.94 -72.02	214.97 4.84 -106.49	210.93 5.24 -91.68	154.07 6.36 0.00	167.51 6.50 0.00	101.51 4.19 0.00
NEWTON___FALLS_HYD 23847	88.63 -3.72 0.00	87.00 -3.62 0.00	92.12 -3.67 0.00	99.85 -4.09 0.00	72.96 -3.08 -0.10	50.47 -2.09 0.00	56.99 -1.96 0.00	42.12 -1.26 0.00	40.47 -1.14 0.00	39.53 -0.73 0.00	55.54 -0.69 0.00	68.71 -0.61 0.00	77.96 -0.75 0.00	83.08 -0.82 0.00	97.91 -1.15 0.00	115.50 -1.16 0.00	149.13 -0.72 0.00	194.17 -0.41 0.00	151.69 -0.55 0.00	103.26 -0.45 -0.08	113.86 -0.57 -0.41	146.73 -0.98 0.00	159.74 -1.27 0.00	96.06 -1.26 0.00
NGRID_A1_DSASP 323792	62.73 -12.11 17.50	61.52 -11.79 17.30	64.55 -13.34 17.91	69.97 -14.61 19.37	50.37 -10.32 15.24	33.26 -6.70 12.60	38.05 -7.45 13.45	23.22 -6.51 13.65	23.98 -6.23 11.40	22.26 -6.49 11.52	33.60 -9.07 13.57	43.62 -11.01 14.69	49.77 -12.55 16.39	53.72 -13.30 16.88	64.72 -16.00 18.34	83.51 -18.96 14.19	124.28 -24.76 0.81	160.08 -30.47 4.03	129.07 -24.46 -1.30	91.74 -16.58 -4.69	100.65 -19.33 -5.96	123.71 -24.00 0.00	138.44 -22.57 0.00	86.36 -10.96 0.00
NGRID_A2_DSASP 323793	62.73 -12.11 17.50	61.52 -11.79 17.30	64.55 -13.34 17.91	69.97 -14.61 19.37	50.37 -10.32 15.24	33.26 -6.70 12.60	38.05 -7.45 13.45	23.22 -6.51 13.65	23.98 -6.23 11.40	22.26 -6.49 11.52	33.60 -9.07 13.57	43.62 -11.01 14.69	49.77 -12.55 16.39	53.72 -13.30 16.88	64.72 -16.00 18.34	83.51 -18.96 14.19	124.28 -24.76 0.81	160.08 -30.47 4.03	129.07 -24.46 -1.30	91.74 -16.58 -4.69	100.65 -19.33 -5.96	123.71 -24.00 0.00	138.44 -22.57 0.00	86.36 -10.96 0.00
NGRID_A4_DSASP 323807	62.73 -12.11 17.50	61.52 -11.79 17.30	64.55 -13.34 17.91	69.97 -14.61 19.37	50.37 -10.32 15.24	33.26 -6.70 12.60	38.05 -7.45 13.45	23.22 -6.51 13.65	23.98 -6.23 11.40	22.26 -6.49 11.52	33.60 -9.07 13.57	43.62 -11.01 14.69	49.77 -12.55 16.39	53.72 -13.30 16.88	64.72 -16.00 18.34	83.51 -18.96 14.19	124.28 -24.76 0.81	160.08 -30.47 4.03	129.07 -24.46 -1.30	91.74 -16.58 -4.69	100.65 -19.33 -5.96	123.71 -24.00 0.00	138.44 -22.57 0.00	86.36 -10.96 0.00
NIAGARA_115E_LBMP 323715	62.96 -11.83 17.55	61.73 -11.54 17.35	64.78 -13.05 17.96	70.23 -14.30 19.42	50.56 -10.09 15.28	33.38 -6.54 12.63	38.18 -7.29 13.49	23.66 -6.18 13.54	24.42 -5.84 11.35	22.54 -6.19 11.54	34.12 -8.61 13.51	44.09 -10.50 14.73	50.28 -12.01 16.42	54.26 -12.71 16.93	65.25 -15.41 18.39	83.86 -18.57 14.23	124.14 -24.89 0.82	160.08 -30.46 4.04	129.01 -24.53 -1.31	91.63 -16.71 -4.70	100.56 -19.49 -6.03	123.66 -24.05 0.00	138.32 -22.69 0.00	86.29 -11.03 0.00
NIAGARA_115W_LBMP 323714	62.75 -12.20 17.39	61.54 -11.87 17.19	64.58 -13.41 17.80	69.98 -14.72 19.25	50.39 -10.39 15.14	33.29 -6.75 12.52	38.07 -7.52 13.37	23.25 -6.57 13.57	23.98 -6.31 11.33	22.26 -6.56 11.45	33.60 -9.15 13.48	43.59 -11.13 14.60	49.73 -12.69 16.29	53.68 -13.44 16.78	64.66 -16.17 18.23	83.39 -19.16 14.11	124.02 -25.02 0.81	159.84 -30.73 4.00	128.81 -24.72 -1.31	91.55 -16.77 -4.68	100.45 -19.52 -5.95	123.49 -24.22 0.00	138.19 -22.82 0.00	86.23 -11.10 0.00
NIAGARA_230_LBMP 323716	64.22 -11.65 16.48	63.03 -11.30 16.28	66.16 -12.78 16.85	71.72 -14.00 18.23	51.73 -9.88 14.32	34.26 -6.44 11.85	39.10 -7.20 12.66	24.40 -6.11 12.87	25.09 -5.78 10.74	23.45 -5.97 10.84	35.11 -8.34 12.79	45.40 -10.09 13.83	51.74 -11.54 15.44	55.84 -12.17 15.89	67.11 -14.68 17.26	85.84 -17.47 13.36	126.10 -22.98 0.77	162.65 -28.14 3.79	130.91 -22.65 -1.33	92.93 -15.32 -4.61	101.96 -17.89 -5.83	125.42 -22.29 0.00	140.09 -20.92 0.00	87.19 -10.13 0.00
NIAGARA___115KV_198_GIBSON 55903	62.68 -12.27 17.39	61.48 -11.94 17.19	64.42 -13.58 17.80	69.81 -14.89 19.25	50.30 -10.49 15.14	33.22 -6.81 12.52	38.01 -7.58 13.37	23.21 -6.61 13.57	24.00 -6.29 11.33	22.21 -6.61 11.45	33.53 -9.22 13.48	43.38 -11.33 14.60	49.53 -12.89 16.29	53.48 -13.65 16.78	64.48 -16.35 18.23	83.21 -19.35 14.11	124.05 -24.99 0.81	159.52 -31.06 4.00	128.87 -24.67 -1.31	91.53 -16.78 -4.68	100.50 -19.46 -5.95	123.49 -24.22 0.00	138.20 -22.81 0.00	86.20 -11.12 0.00
NIAGARA___ 23760	64.00 -11.65 16.69	62.81 -11.30 16.50	65.94 -12.78 17.08	71.49 -14.00 18.46	51.53 -9.88 14.52	34.10 -6.44 12.02	38.93 -7.20 12.82	24.24 -6.11 13.04	24.93 -5.78 10.90	23.25 -5.97 11.04	34.91 -8.34 12.99	45.15 -10.09 14.09	51.45 -11.54 15.72	55.54 -12.17 16.19	66.77 -14.68 17.61	85.55 -17.47 13.65	126.08 -22.98 0.78	162.56 -28.14 3.88	130.91 -22.65 -1.33	92.97 -15.32 -4.65	102.04 -17.89 -5.91	125.42 -22.29 0.00	140.09 -20.92 0.00	87.19 -10.13 0.00
NINE_MILE_1 23575	88.29 -4.05 0.00	86.63 -3.98 0.00	91.47 -4.32 0.00	99.27 -4.68 0.00	72.83 -3.35 -0.24	50.26 -2.29 0.00	56.36 -2.59 0.00	41.49 -1.89 0.00	39.82 -1.80 0.00	38.53 -1.74 0.00	53.84 -2.40 0.00	66.36 -2.96 0.00	75.35 -3.37 0.00	80.37 -3.53 0.00	94.90 -4.15 0.00	111.74 -4.92 0.00	143.56 -6.29 0.00	186.67 -7.90 0.00	146.08 -6.15 0.00	99.67 -4.17 -0.20	110.22 -4.79 -0.99	141.42 -6.29 0.00	154.31 -6.70 0.00	93.44 -3.88 0.00
NINE_MILE_2 23744	88.29 -4.05 0.00	86.63 -3.98 0.00	91.48 -4.31 0.00	99.27 -4.68 0.00	72.83 -3.34 -0.24	50.27 -2.29 0.00	56.36 -2.59 0.00	41.50 -1.89 0.00	39.82 -1.79 0.00	38.53 -1.74 0.00	53.84 -2.40 0.00	66.37 -2.95 0.00	75.37 -3.35 0.00	80.38 -3.52 0.00	94.91 -4.15 0.00	111.75 -4.91 0.00	143.56 -6.29 0.00	186.67 -7.90 0.00	146.08 -6.15 0.00	99.67 -4.16 -0.20	110.22 -4.79 -0.99	141.42 -6.29 0.00	154.31 -6.70 0.00	93.44 -3.88 0.00
NM_CAPITAL___DRP 24208	96.48 4.14 0.00	94.72 4.11 0.00	100.08 4.28 0.00	108.64 4.69 0.00	84.42 3.54 -4.95	54.95 2.40 0.00	61.46 2.50 0.00	45.21 1.83 0.00	43.26 1.65 0.00	41.91 1.65 0.00	58.60 2.37 0.00	72.21 2.89 0.00	82.12 3.40 0.00	87.57 3.67 0.00	103.56 4.50 0.00	121.79 5.13 0.00	160.59 6.45 -4.29	265.10 8.42 -62.11	230.01 6.82 -70.96	213.43 4.77 -105.03	209.95 5.23 -90.70	154.07 6.36 0.00	167.46 6.45 0.00	101.47 4.15 0.00

NM_CENTRAL___DRP 24181	89.86 -2.48 0.00	88.21 -2.41 0.00	93.02 -2.77 0.00	101.01 -2.94 0.00	74.20 -2.09 -0.35	51.18 -1.38 0.00	57.36 -1.60 0.00	42.27 -1.11 0.00	40.58 -1.03 0.00	39.28 -0.98 0.00	54.92 -1.32 0.00	67.69 -1.64 0.00	76.82 -1.89 0.00	81.94 -1.96 0.00	96.83 -2.23 0.00	114.06 -2.60 0.00	146.56 -3.29 0.00	190.79 -3.79 0.00	149.24 -2.99 0.00	101.91 -2.01 -0.28	112.90 -2.53 -1.41	144.25 -3.46 0.00	157.41 -3.60 0.00	95.32 -2.01 0.00
NM_FRONTIER___DRP 24179	62.68 -12.27 17.39	61.48 -11.94 17.19	64.42 -13.58 17.80	69.81 -14.89 19.25	50.30 -10.49 15.14	33.22 -6.81 12.52	38.01 -7.58 13.37	23.21 -6.61 13.57	24.00 -6.29 11.33	22.21 -6.61 11.45	33.53 -9.22 13.48	43.38 -11.33 14.60	49.53 -12.89 16.29	53.48 -13.65 16.78	64.48 -16.35 18.23	83.21 -19.35 14.11	124.05 -24.99 0.81	159.52 -31.06 4.00	128.87 -24.67 -1.31	91.53 -16.78 -4.68	100.50 -19.46 -5.95	123.49 -24.22 0.00	138.20 -22.81 0.00	86.20 -11.12 0.00
NM_ST_REGIS___HYD 24053	90.55 -1.80 0.00	88.94 -1.67 0.00	94.54 -1.26 0.00	102.54 -1.40 0.00	74.70 -1.23 0.00	51.72 -0.84 0.00	58.36 -0.60 0.00	42.81 -0.57 0.00	41.09 -0.52 0.00	39.84 -0.43 0.00	55.54 -0.70 0.00	68.67 -0.65 0.00	77.96 -0.75 0.00	82.95 -0.95 0.00	97.48 -1.58 0.00	114.97 -1.70 0.00	147.82 -2.03 0.00	191.94 -2.64 0.00	149.83 -2.40 0.00	101.95 -1.68 0.00	112.47 -1.54 0.00	145.89 -1.82 0.00	159.38 -1.63 0.00	95.85 -1.48 0.00
NORTHPORT___1 23551	102.15 9.80 0.00	99.71 9.09 0.00	104.89 9.10 0.00	113.30 9.36 0.00	86.62 6.92 -3.77	57.35 4.79 0.00	64.19 5.24 0.00	47.46 4.08 0.00	45.65 4.04 0.00	44.29 4.02 0.00	61.93 5.70 0.00	75.72 6.40 0.00	85.99 7.28 0.00	92.16 8.26 0.00	108.70 9.64 0.00	128.65 11.99 0.00	165.22 14.69 -0.68	221.50 17.03 -9.89	186.17 14.61 -19.32	147.36 11.02 -32.71	165.54 12.26 -39.26	162.99 15.29 0.00	176.50 15.49 0.00	106.35 9.03 0.00
NORTHPORT___2 23552	102.15 9.80 0.00	99.71 9.09 0.00	104.89 9.10 0.00	113.30 9.36 0.00	86.62 6.92 -3.77	57.35 4.79 0.00	64.19 5.24 0.00	47.46 4.08 0.00	45.65 4.04 0.00	44.29 4.02 0.00	61.93 5.70 0.00	75.72 6.40 0.00	85.99 7.28 0.00	92.16 8.26 0.00	108.70 9.64 0.00	128.65 11.99 0.00	165.22 14.69 -0.68	221.50 17.03 -9.89	186.17 14.61 -19.32	147.36 11.02 -32.71	165.54 12.26 -39.26	162.99 15.29 0.00	176.50 15.49 0.00	106.35 9.03 0.00
NORTHPORT___3 23553	101.02 8.67 0.00	98.67 8.05 0.00	103.77 7.98 0.00	112.08 8.13 0.00	85.79 6.09 -3.77	56.80 4.25 0.00	63.55 4.60 0.00	46.98 3.61 0.00	45.16 3.55 0.00	43.82 3.56 0.00	61.34 5.10 0.00	75.07 5.75 0.00	85.25 6.54 0.00	91.22 7.31 0.00	107.68 8.63 0.00	127.29 10.63 0.00	163.46 12.93 -0.68	219.76 15.29 -9.89	184.68 13.12 -19.32	146.38 10.04 -32.71	164.44 11.16 -39.26	161.41 13.70 0.00	174.56 13.55 0.00	105.39 8.07 0.00
NORTHPORT___4 23650	101.02 8.67 0.00	98.67 8.05 0.00	103.77 7.98 0.00	112.08 8.13 0.00	85.79 6.09 -3.77	56.80 4.25 0.00	63.55 4.60 0.00	46.98 3.61 0.00	45.16 3.55 0.00	43.82 3.56 0.00	61.34 5.10 0.00	75.07 5.75 0.00	85.25 6.54 0.00	91.22 7.31 0.00	107.68 8.63 0.00	127.29 10.63 0.00	163.46 12.93 -0.68	219.76 15.29 -9.89	184.68 13.12 -19.32	146.38 10.04 -32.71	164.44 11.16 -39.26	161.41 13.70 0.00	174.56 13.55 0.00	105.39 8.07 0.00
NORTHPORT___IC 23718	102.15 9.80 0.00	99.72 9.11 0.00	104.90 9.11 0.00	113.35 9.40 0.00	86.63 6.93 -3.77	57.36 4.80 0.00	64.21 5.25 0.00	47.47 4.09 0.00	45.65 4.04 0.00	44.31 4.04 0.00	61.94 5.70 0.00	75.76 6.45 0.00	86.03 7.32 0.00	92.18 8.28 0.00	108.72 9.66 0.00	128.67 12.00 0.00	165.25 14.72 -0.68	221.53 17.06 -9.89	186.15 14.60 -19.32	147.36 11.02 -32.71	165.55 12.27 -39.26	163.00 15.29 0.00	176.50 15.49 0.00	106.34 9.01 0.00
NORTH___COUNTRY_ESR 323785	91.86 -0.49 0.00	90.54 -0.07 0.00	96.52 0.72 0.00	104.83 0.89 0.00	76.35 0.42 0.00	52.74 0.19 0.00	59.33 0.37 0.00	43.26 -0.12 0.00	41.46 -0.15 0.00	40.11 -0.15 0.00	55.96 -0.28 0.00	69.19 -0.13 0.00	78.56 -0.16 0.00	83.54 -0.36 0.00	98.23 -0.82 0.00	115.72 -0.94 0.00	148.36 -1.48 0.00	192.18 -2.40 0.00	150.26 -1.98 0.00	102.40 -1.24 0.00	113.06 -0.96 0.00	147.10 -0.61 0.00	161.03 0.03 0.00	97.03 -0.29 0.00
NPX_GEN_1385_PROXY 323591	132.49 12.36 -27.78	122.78 11.63 -20.54	107.55 11.75 0.00	119.73 12.24 -3.55	88.53 8.83 -3.77	58.31 5.76 0.00	65.34 6.39 0.00	48.38 5.00 0.00	49.05 5.20 -2.24	75.71 5.12 -30.32	63.23 6.99 0.00	76.49 7.17 0.00	86.87 8.16 0.00	93.87 9.96 0.00	110.73 11.67 0.00	131.49 14.83 0.00	167.70 17.16 -0.68	222.12 17.65 -9.89	185.62 14.07 -19.32	147.03 10.69 -32.71	144.79 13.04 -17.74	164.53 16.83 0.00	179.43 18.42 0.00	107.66 10.34 0.00
NPX_GEN_CSC 323557	102.98 10.64 0.00	100.44 9.82 0.00	105.59 9.80 0.00	114.03 10.09 0.00	87.17 7.47 -3.77	57.79 5.24 0.00	64.72 5.77 0.00	47.90 4.52 0.00	46.00 4.39 0.00	44.56 4.29 0.00	62.15 5.91 0.00	75.95 6.63 0.00	86.40 7.69 0.00	92.65 8.74 0.00	109.45 10.39 0.00	129.90 13.23 0.00	167.79 17.26 -0.68	224.00 19.53 -9.89	188.47 16.92 -19.32	149.62 13.28 -32.71	146.14 14.39 -17.74	165.37 17.66 0.00	178.58 17.57 0.00	107.45 10.13 0.00
NSINS_S___GLNS_FALLS 23858	99.55 7.21 0.00	97.65 7.04 0.00	102.93 7.14 0.00	111.46 7.51 0.00	86.58 5.57 -5.08	56.40 3.85 0.00	63.29 4.34 0.00	46.75 3.37 0.00	44.84 3.23 0.00	43.40 3.14 0.00	60.54 4.30 0.00	74.50 5.18 0.00	84.93 6.21 0.00	90.51 6.61 0.00	107.32 8.27 0.00	126.55 9.89 0.00	169.95 13.01 -7.08	314.37 17.29 -102.50	274.98 13.92 -108.83	270.08 9.60 -156.84	248.40 10.36 -124.02	160.38 12.67 0.00	173.69 12.69 0.00	104.68 7.36 0.00
NUCOR_STEEL___DRP 24197	91.10 -1.24 0.00	89.38 -1.23 0.00	94.16 -1.64 0.00	102.28 -1.66 0.00	75.18 -1.23 -0.48	51.90 -0.65 0.00	58.15 -0.80 0.00	42.89 -0.49 0.00	41.03 -0.58 0.00	39.78 -0.49 0.00	55.67 -0.57 0.00	68.56 -0.76 0.00	77.83 -0.88 0.00	82.90 -1.01 0.00	97.86 -1.19 0.00	115.43 -1.24 0.00	148.70 -1.15 0.00	193.56 -1.02 0.00	151.56 -0.68 0.00	103.18 -0.84 -0.39	114.94 -1.02 -1.94	146.32 -1.39 0.00	159.73 -1.28 0.00	96.78 -0.54 0.00
NUMBER_THREE_WT_PWR 323818	89.16 -3.19 0.00	87.58 -3.04 0.00	92.40 -3.40 0.00	100.13 -3.82 0.00	73.25 -2.82 -0.14	50.70 -1.86 0.00	57.27 -1.68 0.00	42.67 -0.72 0.00	41.01 -0.60 0.00	40.32 0.06 0.00	57.10 0.86 0.00	70.77 1.45 0.00	80.23 1.51 0.00	85.58 1.68 0.00	101.09 2.03 0.00	119.39 2.72 0.00	154.34 4.49 0.00	201.31 6.73 0.00	157.35 5.12 0.00	107.16 3.42 -0.11	117.97 3.41 -0.55	151.64 3.93 0.00	164.79 3.78 0.00	99.12 1.80 0.00
NYISO_LBMP_REFERENCE 24008	92.35 0.00 0.00	90.61 0.00 0.00	95.79 0.00 0.00	103.94 0.00 0.00	75.93 0.00 0.00	52.55 0.00 0.00	58.96 0.00 0.00	43.38 0.00 0.00	41.61 0.00 0.00	40.26 0.00 0.00	56.24 0.00 0.00	69.32 0.00 0.00	78.72 0.00 0.00	83.90 0.00 0.00	99.06 0.00 0.00	116.66 0.00 0.00	149.85 0.00 0.00	194.58 0.00 0.00	152.23 0.00 0.00	103.64 0.00 0.00	114.02 0.00 0.00	147.71 0.00 0.00	161.01 0.00 0.00	97.32 0.00 0.00

NYPA_BRENTWD____GT 24164	102.81 10.46 0.00	100.38 9.76 0.00	105.58 9.79 0.00	114.01 10.06 0.00	87.15 7.45 -3.77	57.69 5.14 0.00	64.47 5.51 0.00	47.76 4.38 0.00	45.95 4.34 0.00	44.54 4.28 0.00	62.29 6.05 0.00	76.26 6.94 0.00	86.63 7.92 0.00	92.81 8.91 0.00	109.25 10.19 0.00	128.93 12.27 0.00	165.82 15.28 -0.68	222.44 17.97 -9.89	187.22 15.66 -19.32	148.56 12.21 -32.71	166.23 12.95 -39.26	163.79 16.08 0.00	177.63 16.62 0.00	107.27 9.96 0.00
NYPA_GOWANUS____GT5 24156	100.49 8.15 0.00	98.42 7.80 0.00	103.69 7.90 0.00	111.97 8.02 0.00	85.81 6.11 -3.77	75.27 4.41 -18.30	75.47 4.70 -11.81	76.19 3.57 -29.24	78.71 3.43 -33.67	80.02 3.50 -36.25	78.49 5.14 -17.12	126.99 6.12 -51.55	103.32 6.78 -17.82	124.33 7.05 -33.39	107.42 8.36 0.00	126.46 9.80 0.00	346.08 13.17 -183.06	780.11 17.32 -568.22	314.30 14.10 -147.97	294.53 9.91 -180.99	313.52 10.89 -188.61	307.19 13.31 -146.18	191.12 13.39 -16.72	113.52 7.85 -8.35
NYPA_GOWANUS____GT6 24157	100.49 8.15 0.00	98.42 7.80 0.00	103.69 7.90 0.00	111.97 8.02 0.00	85.81 6.11 -3.77	75.27 4.41 -18.30	75.47 4.70 -11.81	76.19 3.57 -29.24	78.71 3.43 -33.67	80.02 3.50 -36.25	78.49 5.14 -17.12	126.99 6.12 -51.55	103.32 6.78 -17.82	124.33 7.05 -33.39	107.42 8.36 0.00	126.46 9.80 0.00	346.08 13.17 -183.06	780.11 17.32 -568.22	314.30 14.10 -147.97	294.53 9.91 -180.99	313.52 10.89 -188.61	307.19 13.31 -146.18	191.12 13.39 -16.72	113.52 7.85 -8.35
NYPA_HARLEM__RVR__GT1 24160	99.53 7.19 0.02	97.44 6.84 0.02	102.71 6.94 0.02	111.01 7.08 0.02	85.02 5.33 -3.75	56.36 3.82 0.02	63.05 4.09 0.00	46.51 3.13 0.00	44.62 3.01 0.00	43.36 3.09 0.00	60.76 4.52 0.00	74.59 5.27 0.00	84.70 5.99 0.00	90.27 6.37 0.00	106.69 7.63 0.00	125.58 8.92 0.00	162.62 12.09 -0.68	220.15 15.68 -9.89	184.33 12.78 -19.32	145.42 9.08 -32.70	163.10 9.83 -39.25	159.31 11.60 0.00	172.42 11.41 0.00	103.98 6.66 0.00
NYPA_HARLEM__RVR__GT2 24161	99.53 7.19 0.02	97.44 6.84 0.02	102.71 6.94 0.02	111.01 7.08 0.02	85.02 5.33 -3.75	56.36 3.82 0.02	63.05 4.09 0.00	46.51 3.13 0.00	44.62 3.01 0.00	43.36 3.09 0.00	60.76 4.52 0.00	74.59 5.27 0.00	84.70 5.99 0.00	90.27 6.37 0.00	106.69 7.63 0.00	125.58 8.92 0.00	162.62 12.09 -0.68	220.15 15.68 -9.89	184.33 12.78 -19.32	145.42 9.08 -32.70	163.10 9.83 -39.25	159.31 11.60 0.00	172.42 11.41 0.00	103.98 6.66 0.00
NYPA_KENT____GT 24152	100.26 7.92 0.00	98.17 7.56 0.00	103.45 7.66 0.00	111.75 7.80 0.00	85.61 5.91 -3.77	67.88 4.24 -11.08	70.57 4.48 -7.13	64.44 3.42 -17.64	65.20 3.27 -20.31	65.52 3.37 -21.87	71.56 5.00 -10.33	106.34 5.92 -31.10	96.03 6.57 -10.75	110.89 6.84 -20.14	107.21 8.15 0.00	126.23 9.57 0.00	273.37 12.79 -110.73	558.12 16.76 -346.78	262.78 13.61 -96.94	235.38 9.56 -122.18	253.92 10.53 -129.38	248.64 12.73 -88.20	183.88 12.78 -10.09	109.83 7.47 -5.04
NYPA_POUCH1____GT 24155	100.34 7.99 0.00	98.26 7.64 0.00	103.57 7.78 0.00	111.81 7.87 0.00	85.72 6.02 -3.77	75.30 4.44 -18.30	75.49 4.72 -11.81	76.19 3.57 -29.24	78.67 3.40 -33.67	79.97 3.45 -36.25	78.36 5.01 -17.12	126.84 5.97 -51.55	103.10 6.56 -17.82	124.06 6.77 -33.39	107.08 8.02 0.00	126.04 9.37 0.00	345.66 12.75 -183.06	779.66 16.87 -568.22	314.02 13.82 -147.97	294.30 9.67 -180.99	313.31 10.68 -188.61	306.93 13.05 -146.18	190.83 13.10 -16.72	113.40 7.73 -8.35
NYPA_VERNON____GT2 24162	100.03 7.69 0.00	97.95 7.33 0.00	103.17 7.38 0.00	111.50 7.56 0.00	85.39 5.69 -3.77	60.50 4.08 -3.87	65.73 4.33 -2.44	52.73 3.30 -6.05	51.74 3.17 -6.96	51.02 3.25 -7.50	64.63 4.85 -3.54	85.70 5.72 -10.66	88.78 6.38 -3.68	97.53 6.72 -6.90	107.09 8.03 0.00	126.13 9.46 0.00	200.78 12.54 -38.39	336.30 16.39 -125.34	211.44 13.29 -45.92	176.37 9.37 -63.36	194.37 10.22 -70.14	190.29 12.36 -30.22	176.82 12.35 -3.46	106.25 7.20 -1.73
NYPA_VERNON____GT3 24163	100.03 7.69 0.00	97.95 7.33 0.00	103.17 7.38 0.00	111.50 7.56 0.00	85.39 5.69 -3.77	60.50 4.08 -3.87	65.73 4.33 -2.44	52.73 3.30 -6.05	51.74 3.17 -6.96	51.02 3.25 -7.50	64.63 4.85 -3.54	85.70 5.72 -10.66	88.78 6.38 -3.68	97.53 6.72 -6.90	107.09 8.03 0.00	126.13 9.46 0.00	200.78 12.54 -38.39	336.30 16.39 -125.34	211.44 13.29 -45.92	176.37 9.37 -63.36	194.37 10.22 -70.14	190.29 12.36 -30.22	176.82 12.35 -3.46	106.25 7.20 -1.73
NYPA__ASTORIA_CC1 323568	99.87 7.52 0.00	97.80 7.18 0.00	103.04 7.25 0.00	111.33 7.38 0.00	85.28 5.58 -3.77	56.55 4.00 0.00	63.18 4.22 0.00	46.61 3.23 0.00	44.71 3.10 0.00	43.46 3.19 0.00	61.01 4.77 0.00	74.93 5.61 0.00	84.98 6.27 0.00	90.50 6.59 0.00	106.95 7.89 0.00	125.95 9.29 0.00	162.90 12.36 -0.68	220.58 16.11 -9.89	184.59 13.04 -19.32	145.56 9.23 -32.70	163.32 10.05 -39.25	159.80 12.09 0.00	173.05 12.04 0.00	104.35 7.02 0.00
NYPA__ASTORIA_CC2 323569	99.87 7.52 0.00	97.80 7.18 0.00	103.04 7.25 0.00	111.33 7.38 0.00	85.28 5.58 -3.77	56.55 4.00 0.00	63.18 4.22 0.00	46.61 3.23 0.00	44.71 3.10 0.00	43.46 3.19 0.00	61.01 4.77 0.00	74.93 5.61 0.00	84.98 6.27 0.00	90.50 6.59 0.00	106.95 7.89 0.00	125.95 9.29 0.00	162.90 12.36 -0.68	220.58 16.11 -9.89	184.59 13.04 -19.32	145.56 9.23 -32.70	163.32 10.05 -39.25	159.80 12.09 0.00	173.05 12.04 0.00	104.35 7.02 0.00
NYPA__HOLTSVILL 23794	102.29 9.94 0.00	99.83 9.21 0.00	104.98 9.19 0.00	113.38 9.43 0.00	86.69 6.99 -3.77	57.43 4.88 0.00	64.30 5.34 0.00	47.56 4.18 0.00	45.70 4.09 0.00	44.31 4.05 0.00	61.92 5.68 0.00	75.75 6.44 0.00	86.07 7.36 0.00	92.22 8.32 0.00	108.84 9.78 0.00	128.92 12.26 0.00	166.16 15.63 -0.68	222.80 18.33 -9.89	187.38 15.83 -19.32	148.35 12.01 -32.71	166.38 13.10 -39.26	163.84 16.13 0.00	177.18 16.17 0.00	106.72 9.40 0.00
NYPA__HELLGATE_GT1 24158	99.54 7.19 0.00	97.46 6.84 0.00	102.73 6.94 0.00	111.03 7.08 0.00	85.03 5.33 -3.77	56.37 3.82 0.00	63.05 4.09 0.00	46.51 3.13 0.00	44.62 3.01 0.00	43.36 3.09 0.00	60.76 4.52 0.00	74.59 5.27 0.00	84.70 5.99 0.00	90.27 6.37 0.00	106.69 7.63 0.00	125.58 8.92 0.00	162.62 12.09 -0.68	220.15 15.68 -9.89	184.32 12.77 -19.32	145.42 9.08 -32.70	163.10 9.83 -39.25	159.31 11.60 0.00	172.42 11.41 0.00	103.98 6.66 0.00
NYPA__HELLGATE_GT2 24159	99.54 7.19 0.00	97.46 6.84 0.00	102.73 6.94 0.00	111.03 7.08 0.00	85.03 5.33 -3.77	56.37 3.82 0.00	63.05 4.09 0.00	46.51 3.13 0.00	44.62 3.01 0.00	43.36 3.09 0.00	60.76 4.52 0.00	74.59 5.27 0.00	84.70 5.99 0.00	90.27 6.37 0.00	106.69 7.63 0.00	125.58 8.92 0.00	162.62 12.09 -0.68	220.15 15.68 -9.89	184.32 12.77 -19.32	145.42 9.08 -32.70	163.10 9.83 -39.25	159.31 11.60 0.00	172.42 11.41 0.00	103.98 6.66 0.00
NYS_BARGE__HYD 23848	65.42 -10.78 16.15	64.17 -10.48 15.96	67.31 -11.97 16.52	72.97 -13.11 17.86	52.70 -9.21 14.03	34.98 -5.96 11.62	39.94 -6.61 12.41	25.22 -5.64 12.52	25.83 -5.31 10.47	24.01 -5.64 10.62	35.88 -7.89 12.46	46.22 -9.55 13.55	52.71 -10.91 15.10	56.84 -11.49 15.57	68.27 -13.87 16.92	86.98 -16.58 13.09	127.07 -22.03 0.75	164.12 -26.74 3.72	131.92 -21.65 -1.34	93.47 -14.72 -4.55	102.57 -17.34 -5.90	126.33 -21.38 0.00	141.04 -19.97 0.00	87.78 -9.54 0.00

OAK ORCHARD___HYD 24046	86.16 -6.19 0.00	84.60 -6.01 0.00	88.87 -6.93 0.00	96.35 -7.60 0.00	71.07 -5.34 -0.48	49.13 -3.43 0.00	55.16 -3.79 0.00	40.23 -3.15 0.00	38.68 -2.94 0.00	37.20 -3.06 0.00	52.04 -4.20 0.00	64.28 -5.04 0.00	72.97 -5.75 -0.01	77.91 -5.99 0.00	91.90 -7.16 0.00	108.12 -8.54 0.00	138.72 -11.13 0.00	181.35 -13.23 0.00	141.36 -10.87 0.00	96.63 -7.40 -0.39	107.03 -8.98 -2.00	136.28 -11.43 0.00	150.18 -10.83 0.00	92.15 -5.17 0.00
OAKDALE___35_KV_LOAD 356122	90.97 -1.37 0.00	89.31 -1.30 0.00	94.21 -1.58 0.00	102.34 -1.61 0.00	76.08 -1.10 -1.25	51.80 -0.75 0.00	57.93 -1.03 0.00	42.76 -0.62 0.00	41.08 -0.53 0.00	39.75 -0.51 0.00	55.71 -0.53 0.00	68.61 -0.71 0.00	77.74 -0.96 0.02	82.97 -0.94 0.00	98.06 -1.00 0.00	115.38 -1.28 0.00	148.32 -1.84 -0.31	197.13 -1.95 -4.50	158.66 -1.32 -7.75	115.65 -0.73 -12.74	127.11 -1.17 -14.25	146.27 -1.44 0.00	160.04 -0.97 0.00	96.85 -0.47 0.00
OCC_CHEM___DRP 24175	62.67 -12.17 17.50	61.45 -11.87 17.30	64.39 -13.49 17.91	69.80 -14.78 19.37	50.26 -10.43 15.24	33.19 -6.76 12.60	37.99 -7.52 13.45	23.18 -6.55 13.65	23.97 -6.24 11.40	22.19 -6.55 11.52	33.52 -9.15 13.57	43.41 -11.22 14.69	49.57 -12.75 16.39	53.51 -13.51 16.88	64.56 -16.16 18.34	83.29 -19.18 14.19	124.27 -24.77 0.81	159.88 -30.67 4.03	129.13 -24.41 -1.30	91.69 -16.63 -4.69	100.69 -19.29 -5.96	123.71 -23.99 0.00	138.47 -22.54 0.00	86.39 -10.93 0.00
OH_GEN_PROXY 24063	66.17 -11.39 14.78	64.98 -11.02 14.61	68.17 -12.50 15.12	73.94 -13.65 16.36	53.49 -9.66 12.78	35.62 -6.29 10.64	40.56 -7.04 11.36	25.90 -5.93 11.55	26.37 -5.61 9.64	24.74 -5.79 9.73	36.70 -8.07 11.47	47.15 -9.76 12.41	53.69 -11.16 13.87	57.86 -11.79 14.26	69.37 -14.19 15.49	87.77 -16.90 11.99	107.77 -22.28 19.80	79.92 -27.33 87.33	131.65 -22.04 -1.46	93.39 -14.88 -4.64	80.95 -17.41 15.66	126.05 -21.65 0.00	140.67 -20.34 0.00	87.39 -9.93 0.00
OLIN_CORP_DRP 24177	62.64 -11.83 17.87	61.42 -11.53 17.66	64.37 -13.14 18.28	69.79 -14.38 19.77	50.23 -10.14 15.56	33.12 -6.57 12.86	37.93 -7.30 13.73	23.31 -6.26 13.81	24.12 -5.93 11.57	22.33 -6.19 11.75	33.73 -8.74 13.77	43.71 -10.61 15.00	49.88 -12.11 16.72	53.90 -12.76 17.23	64.92 -15.41 18.73	83.62 -18.56 14.49	124.51 -24.51 0.83	160.19 -30.28 4.11	129.47 -24.07 -1.31	91.90 -16.47 -4.74	100.91 -19.17 -6.07	124.01 -23.69 0.00	138.67 -22.33 0.00	86.47 -10.85 0.00
OLIN_CORP_DSASP 323712	62.73 -12.11 17.50	61.52 -11.79 17.30	64.55 -13.34 17.91	69.97 -14.61 19.37	50.37 -10.32 15.24	33.26 -6.70 12.60	38.05 -7.45 13.45	23.22 -6.51 13.65	23.98 -6.23 11.40	22.26 -6.49 11.52	33.60 -9.07 13.57	43.62 -11.01 14.69	49.77 -12.55 16.39	53.72 -13.30 16.88	64.72 -16.00 18.34	83.51 -18.96 14.19	124.28 -24.76 0.81	160.08 -30.47 4.03	129.07 -24.46 -1.30	91.74 -16.58 -4.69	100.65 -19.33 -5.96	123.71 -24.00 0.00	138.44 -22.57 0.00	86.36 -10.96 0.00
ONEIDA_HERK_LFGE 323681	92.55 0.20 0.00	90.89 0.27 0.00	95.91 0.12 0.00	104.06 0.12 0.00	76.16 0.11 -0.12	52.68 0.12 0.00	59.27 0.31 0.00	43.87 0.49 0.00	42.16 0.55 0.00	41.07 0.81 0.00	57.72 1.48 0.00	71.30 1.98 0.00	80.85 2.14 0.00	86.28 2.38 0.00	101.98 2.92 0.00	120.31 3.65 0.00	155.03 5.18 0.00	201.75 7.17 0.00	157.80 5.56 0.00	107.49 3.76 -0.09	118.32 3.83 -0.48	152.32 4.62 0.00	165.71 4.70 0.00	99.90 2.58 0.00
ONEIDA___115KV_TB4 55905	93.82 1.48 0.00	92.25 1.64 0.00	97.32 1.53 0.00	105.70 1.75 0.00	77.51 1.36 -0.22	53.53 0.98 0.00	60.07 1.12 0.00	44.38 1.00 0.00	42.64 1.03 0.00	41.34 1.08 0.00	57.88 1.65 0.00	71.41 2.09 0.00	80.84 2.13 0.00	86.40 2.50 0.00	102.19 3.13 0.00	120.59 3.92 0.00	155.07 5.22 0.00	201.29 6.72 0.00	157.45 5.22 0.00	107.38 3.56 -0.18	118.50 3.57 -0.91	152.08 4.37 0.00	165.60 4.59 0.00	99.98 2.66 0.00
ONONDAGA_REF_OCCRA 23987	90.62 -1.73 0.00	88.93 -1.68 0.00	93.78 -2.01 0.00	101.83 -2.12 0.00	74.89 -1.48 -0.43	51.60 -0.96 0.00	57.82 -1.14 0.00	42.63 -0.75 0.00	40.94 -0.67 0.00	39.63 -0.63 0.00	55.41 -0.82 0.00	68.30 -1.02 0.00	77.51 -1.21 0.00	82.67 -1.23 0.00	97.72 -1.33 0.00	115.12 -1.54 0.00	147.93 -1.92 0.00	192.58 -1.99 0.00	150.70 -1.53 0.00	102.96 -1.03 -0.35	114.30 -1.46 -1.74	145.59 -2.12 0.00	158.86 -2.15 0.00	96.15 -1.17 0.00
ONONDAGA___COGEN 23986	90.52 -1.83 0.00	88.83 -1.79 0.00	93.66 -2.13 0.00	101.73 -2.22 0.00	74.74 -1.59 -0.40	51.54 -1.01 0.00	57.77 -1.19 0.00	42.60 -0.79 0.00	40.89 -0.72 0.00	39.58 -0.68 0.00	55.35 -0.88 0.00	68.19 -1.13 0.00	77.39 -1.32 0.00	82.55 -1.36 0.00	97.54 -1.52 0.00	114.90 -1.77 0.00	147.70 -2.15 0.00	192.29 -2.29 0.00	150.45 -1.78 0.00	102.69 -1.27 -0.32	113.96 -1.68 -1.62	145.36 -2.35 0.00	158.56 -2.45 0.00	95.99 -1.33 0.00
ONTARIO___LFGE 23819	101.42 -3.99 -13.06	99.57 -3.95 -12.91	104.50 -4.65 -13.36	113.52 -4.88 -14.45	84.94 -3.39 -12.39	59.92 -2.03 -9.40	66.65 -2.34 -10.04	52.00 -1.56 -10.18	48.75 -1.37 -8.50	47.40 -1.45 -8.59	64.40 -1.96 -10.12	77.62 -2.67 -10.96	87.37 -3.49 -12.15	92.97 -3.52 -12.59	108.63 -4.11 -13.68	122.47 -4.78 -10.59	144.58 -5.88 -0.61	190.84 -6.75 -3.01	150.18 -5.28 -3.23	104.66 -3.40 -4.43	115.79 -4.25 -6.03	142.05 -5.66 0.00	155.82 -5.19 0.00	94.99 -2.33 0.00
ORANGEVILLE_WT_PWR 323706	7.04 -10.06 75.24	6.49 -9.76 74.36	7.86 -10.97 76.97	8.89 -11.82 83.24	0.20 -8.36 67.37	-7.08 -5.49 54.14	-5.07 -6.21 57.82	-19.95 -4.66 58.67	-11.74 -4.36 48.99	-13.68 -4.45 49.50	-8.28 -6.21 58.31	-1.57 -7.73 63.15	-0.46 -9.09 70.08	1.95 -9.40 72.56	9.00 -11.22 78.84	42.59 -13.07 61.01	129.70 -16.66 3.49	156.95 -20.31 17.32	134.36 -15.84 2.03	99.07 -10.30 -5.74	109.34 -12.14 -7.46	133.21 -14.50 0.00	148.07 -12.94 0.00	91.56 -5.76 0.00
ORANGEVILLE___ESR 323794	7.04 -10.06 75.24	6.49 -9.76 74.36	7.86 -10.97 76.97	8.89 -11.82 83.24	0.20 -8.36 67.37	-7.08 -5.49 54.14	-5.07 -6.21 57.82	-19.95 -4.66 58.67	-11.74 -4.36 48.99	-13.68 -4.45 49.50	-8.28 -6.21 58.31	-1.57 -7.73 63.15	-0.46 -9.09 70.08	1.95 -9.40 72.56	9.00 -11.22 78.84	42.59 -13.07 61.01	129.70 -16.66 3.49	156.95 -20.31 17.32	134.36 -15.84 2.03	99.07 -10.30 -5.74	109.34 -12.14 -7.46	133.21 -14.50 0.00	148.07 -12.94 0.00	91.56 -5.76 0.00
OSWEGATCHIE___HYD 24044	88.63 -3.72 0.00	87.00 -3.62 0.00	92.09 -3.70 0.00	99.85 -4.10 0.00	72.95 -3.09 -0.10	50.47 -2.09 0.00	56.99 -1.96 0.00	42.11 -1.27 0.00	40.46 -1.15 0.00	39.53 -0.73 0.00	55.54 -0.70 0.00	68.71 -0.61 0.00	77.96 -0.75 0.00	83.08 -0.82 0.00	97.92 -1.15 0.00	115.50 -1.16 0.00	149.13 -0.72 0.00	194.15 -0.42 0.00	151.69 -0.54 0.00	103.27 -0.45 -0.08	113.86 -0.56 -0.41	146.73 -0.97 0.00	159.74 -1.27 0.00	96.06 -1.27 0.00
OSWEGO___5 23606	88.94 -3.40 0.00	87.30 -3.32 0.00	92.15 -3.64 0.00	100.00 -3.94 0.00	73.41 -2.81 -0.28	50.65 -1.91 0.00	56.78 -2.18 0.00	41.81 -1.57 0.00	40.12 -1.49 0.00	38.82 -1.44 0.00	54.28 -1.95 0.00	66.90 -2.42 0.00	75.95 -2.77 0.00	80.97 -2.93 0.00	95.65 -3.41 0.00	112.63 -4.03 0.00	144.66 -5.19 0.00	188.21 -6.37 0.00	147.23 -5.00 0.00	100.45 -3.41 -0.23	111.21 -3.95 -1.14	142.50 -5.21 0.00	155.53 -5.47 0.00	94.17 -3.15 0.00

OSWEGO___6 23613	88.94 -3.40 0.00	87.30 -3.32 0.00	92.15 -3.64 0.00	100.00 -3.94 0.00	73.41 -2.81 -0.28	50.65 -1.91 0.00	56.78 -2.18 0.00	41.81 -1.57 0.00	40.12 -1.49 0.00	38.82 -1.44 0.00	54.28 -1.95 0.00	66.90 -2.42 0.00	75.95 -2.77 0.00	80.97 -2.93 0.00	95.65 -3.41 0.00	112.63 -4.03 0.00	144.66 -5.19 0.00	188.21 -6.37 0.00	147.23 -5.00 0.00	100.45 -3.41 -0.23	111.21 -3.95 -1.14	142.50 -5.21 0.00	155.53 -5.47 0.00	94.17 -3.15 0.00
OUTOKUMPU-AB___DRP 24206	63.47 -10.07 18.80	62.22 -9.82 18.58	65.23 -11.34 19.23	70.71 -12.44 20.80	50.82 -8.71 16.40	33.45 -5.58 13.52	38.31 -6.20 14.44	23.31 -5.44 14.63	24.27 -5.12 12.22	22.52 -5.38 12.37	34.11 -7.58 14.55	44.34 -9.20 15.78	50.65 -10.48 17.58	54.75 -11.03 18.13	66.12 -13.24 19.70	85.72 -15.70 15.24	128.62 -20.36 0.87	165.47 -24.78 4.33	133.64 -19.86 -1.27	94.93 -13.48 -4.78	104.25 -15.90 -6.14	128.14 -19.57 0.00	143.07 -17.94 0.00	88.95 -8.37 0.00
OXBOW___BTM 323836	63.29 -10.90 18.16	62.08 -10.59 17.95	65.14 -12.08 18.58	70.59 -13.26 20.09	50.79 -9.32 15.83	33.48 -6.01 13.06	38.32 -6.68 13.95	23.38 -5.85 14.15	24.23 -5.56 11.82	22.48 -5.84 11.95	34.02 -8.15 14.06	44.21 -9.87 15.24	50.46 -11.27 16.99	54.51 -11.88 17.51	65.70 -14.33 19.03	84.93 -17.01 14.72	126.79 -22.21 0.84	163.43 -26.97 4.18	131.70 -21.82 -1.29	93.58 -14.79 -4.74	102.69 -17.38 -6.05	126.26 -21.45 0.00	141.07 -19.94 0.00	87.88 -9.44 0.00
OXBOW____ 24026	63.24 -10.94 18.16	62.00 -10.67 17.95	64.98 -12.23 18.58	70.43 -13.43 20.09	50.68 -9.43 15.83	33.41 -6.08 13.06	38.26 -6.74 13.95	23.33 -5.91 14.15	24.20 -5.60 11.82	22.43 -5.89 11.95	33.92 -8.25 14.06	44.00 -10.07 15.24	50.26 -11.46 16.99	54.29 -12.10 17.51	65.56 -14.47 19.03	84.75 -17.19 14.72	126.78 -22.22 0.84	163.10 -27.30 4.18	131.74 -21.78 -1.29	93.56 -14.81 -4.74	102.72 -17.35 -6.05	126.28 -21.43 0.00	141.13 -19.88 0.00	87.89 -9.44 0.00
OXY_CHEM_DSASP 323612	62.67 -12.17 17.50	61.45 -11.87 17.30	64.39 -13.49 17.91	69.80 -14.78 19.37	50.26 -10.43 15.24	33.19 -6.76 12.60	37.99 -7.52 13.45	23.18 -6.55 13.65	23.97 -6.24 11.40	22.19 -6.55 11.52	33.52 -9.15 13.57	43.41 -11.22 14.69	49.57 -12.75 16.39	53.51 -13.51 16.88	64.56 -16.16 18.34	83.29 -19.18 14.19	124.27 -24.77 0.81	159.88 -30.67 4.03	129.13 -24.41 -1.30	91.69 -16.63 -4.69	100.69 -19.29 -5.96	123.71 -23.99 0.00	138.47 -22.54 0.00	86.39 -10.93 0.00
OZONE_PARK_ESR 323760	100.60 8.25 0.00	98.51 7.90 0.00	103.76 7.97 0.00	112.14 8.20 0.00	85.82 6.12 -3.77	56.91 4.35 0.00	63.61 4.66 0.00	46.93 3.54 0.00	45.04 3.43 0.00	43.76 3.50 0.00	61.41 5.17 0.00	75.50 6.18 0.00	85.58 6.87 0.00	91.17 7.27 0.00	107.77 8.71 0.00	126.99 10.33 0.00	164.10 13.57 -0.68	222.22 17.75 -9.89	185.82 14.27 -19.32	146.37 10.04 -32.69	164.25 10.98 -39.25	161.12 13.41 0.00	174.53 13.52 0.00	105.20 7.87 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	62.67 -12.17 17.50	61.45 -11.87 17.30	64.39 -13.49 17.91	69.80 -14.78 19.37	50.26 -10.43 15.24	33.19 -6.76 12.60	37.99 -7.52 13.45	23.18 -6.55 13.65	23.97 -6.24 11.40	22.19 -6.55 11.52	33.52 -9.15 13.57	43.41 -11.22 14.69	49.57 -12.75 16.39	53.51 -13.51 16.88	64.56 -16.16 18.34	83.29 -19.18 14.19	124.27 -24.77 0.81	159.88 -30.67 4.03	129.13 -24.41 -1.30	91.69 -16.63 -4.69	100.69 -19.29 -5.96	123.71 -23.99 0.00	138.47 -22.54 0.00	86.39 -10.93 0.00
PACKARD__115KV_DUPONT_184 80571	62.67 -12.17 17.50	61.45 -11.87 17.30	64.39 -13.49 17.91	69.80 -14.78 19.37	50.26 -10.43 15.24	33.19 -6.76 12.60	37.99 -7.52 13.45	23.18 -6.55 13.65	23.97 -6.24 11.40	22.19 -6.55 11.52	33.52 -9.15 13.57	43.41 -11.22 14.69	49.57 -12.75 16.39	53.51 -13.51 16.88	64.56 -16.16 18.34	83.29 -19.18 14.19	124.27 -24.77 0.81	159.88 -30.67 4.03	129.13 -24.41 -1.30	91.69 -16.63 -4.69	100.69 -19.29 -5.96	123.71 -23.99 0.00	138.47 -22.54 0.00	86.39 -10.93 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	99.80 7.46 0.00	97.77 7.16 0.00	103.06 7.27 0.00	111.39 7.45 0.00	85.30 5.61 -3.77	56.54 3.98 0.00	63.19 4.23 0.00	46.59 3.21 0.00	44.68 3.07 0.00	43.43 3.17 0.00	60.89 4.65 0.00	74.79 5.47 0.00	84.88 6.17 0.00	90.41 6.51 0.00	106.84 7.78 0.00	125.77 9.11 0.00	162.76 12.23 -0.68	220.45 15.98 -9.89	184.46 12.91 -19.32	145.49 9.16 -32.70	163.23 9.96 -39.25	159.60 11.89 0.00	172.79 11.78 0.00	104.19 6.87 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	100.28 7.93 0.00	98.23 7.62 0.00	103.57 7.78 0.00	111.96 8.02 0.00	85.71 6.01 -3.77	56.83 4.28 0.00	63.61 4.66 0.00	46.70 3.32 0.00	44.85 3.24 0.00	43.63 3.36 0.00	61.16 4.92 0.00	75.03 5.71 0.00	85.25 6.54 0.00	90.69 6.79 0.00	107.13 8.08 0.00	126.12 9.46 0.00	163.42 12.89 -0.68	221.45 16.98 -9.89	185.12 13.57 -19.32	145.90 9.56 -32.70	163.86 10.58 -39.25	160.35 12.64 0.00	173.53 12.52 0.00	104.48 7.16 0.00
PATROON__115KV_TB1 80586	96.66 4.32 0.00	94.89 4.28 0.00	100.23 4.43 0.00	108.79 4.85 0.00	84.54 3.64 -4.97	55.04 2.49 0.00	61.56 2.60 0.00	45.30 1.92 0.00	43.35 1.74 0.00	42.00 1.74 0.00	58.74 2.51 0.00	72.38 3.06 0.00	82.31 3.60 0.00	87.76 3.86 0.00	103.77 4.71 0.00	122.06 5.40 0.00	161.46 6.89 -4.71	271.81 9.02 -68.22	236.24 7.31 -76.70	221.60 5.08 -112.89	215.31 5.52 -95.78	154.40 6.69 0.00	167.85 6.85 0.00	101.68 4.36 0.00
PATTRSNVILLE__SOLAR 323815	96.15 3.80 0.00	94.35 3.74 0.00	99.65 3.86 0.00	108.13 4.18 0.00	84.26 3.11 -5.22	54.65 2.10 0.00	61.22 2.27 0.00	45.13 1.75 0.00	43.25 1.64 0.00	41.74 1.47 0.00	58.27 2.03 0.00	71.75 2.43 0.00	81.54 2.83 0.00	87.07 3.17 0.00	102.99 3.93 0.00	121.57 4.90 0.00	164.14 6.76 -7.53	312.79 9.16 -109.05	274.37 7.33 -114.80	273.76 5.08 -165.05	249.09 5.46 -129.62	154.44 6.74 0.00	168.00 7.00 0.00	101.52 4.20 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	65.47 -7.38 19.49	64.37 -6.98 19.26	67.61 -8.25 19.94	73.37 -9.02 21.56	52.62 -6.35 16.97	34.49 -4.04 14.02	39.39 -4.59 14.98	24.13 -4.09 15.16	25.17 -3.77 12.67	23.62 -3.82 12.82	35.82 -5.33 15.08	46.69 -6.27 16.36	53.14 -7.35 18.22	57.55 -7.55 18.80	69.47 -9.16 20.42	90.00 -10.85 15.81	134.40 -14.54 0.90	172.73 -17.36 4.49	139.61 -14.10 -1.48	99.54 -9.37 -5.27	109.37 -11.44 -6.79	134.01 -13.70 0.00	149.21 -11.80 0.00	92.14 -5.18 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	100.45 8.11 0.00	98.36 7.74 0.00	103.65 7.86 0.00	112.11 8.17 0.00	85.83 6.09 -3.80	56.88 4.33 0.00	63.60 4.64 0.00	46.93 3.55 0.00	45.07 3.46 0.00	43.77 3.51 0.00	61.30 5.07 0.00	75.38 6.07 0.00	85.56 6.85 0.00	91.19 7.28 0.00	107.85 8.79 0.00	127.16 10.50 0.00	164.41 13.85 -0.72	223.40 18.41 -10.40	186.95 14.82 -19.89	147.51 10.34 -33.54	165.13 11.17 -39.95	161.28 13.57 0.00	174.77 13.76 0.00	105.28 7.96 0.00
PEEKSKILL____ 23653	98.88 6.54 0.00	96.83 6.22 0.00	102.05 6.26 0.00	110.36 6.42 0.00	84.50 4.83 -3.73	56.00 3.45 0.00	62.59 3.63 0.00	46.16 2.78 0.00	44.29 2.68 0.00	42.99 2.73 0.00	60.26 4.02 0.00	74.07 4.75 0.00	83.99 5.28 0.00	89.52 5.62 0.00	105.86 6.80 0.00	124.75 8.09 0.00	161.18 10.65 -0.68	218.47 14.10 -9.80	182.84 11.48 -19.13	144.14 8.13 -32.38	161.75 8.88 -38.86	158.43 10.72 0.00	171.78 10.77 0.00	103.60 6.28 0.00

PGE MADISON___WINDPWR 24146	94.01 1.67 0.00	92.32 1.70 0.00	97.62 1.83 0.00	105.67 1.72 0.00	78.63 1.49 -1.21	53.55 1.00 0.00	60.21 1.26 0.00	44.71 1.33 0.00	43.14 1.53 0.00	41.75 1.48 0.00	58.31 2.07 0.00	71.75 2.43 0.00	81.54 2.84 0.01	87.18 3.28 0.00	103.62 4.56 0.00	122.67 6.01 0.00	159.53 9.23 -0.45	215.77 14.68 -6.51	174.20 12.15 -9.81	127.89 8.68 -15.58	139.50 9.45 -16.02	160.52 12.81 0.00	176.21 15.20 0.00	106.41 9.09 0.00
PIERCEFIELD___HYD 23852	89.69 -2.66 0.00	88.04 -2.57 0.00	93.45 -2.34 0.00	101.35 -2.60 0.00	73.85 -2.08 0.00	51.16 -1.39 0.00	57.77 -1.19 0.00	42.42 -0.96 0.00	40.73 -0.88 0.00	39.48 -0.79 0.00	55.05 -1.19 0.00	68.04 -1.28 0.00	77.24 -1.47 0.00	82.20 -1.70 0.00	96.62 -2.44 0.00	114.00 -2.66 0.00	146.74 -3.11 0.00	190.50 -4.08 0.00	148.62 -3.61 0.00	101.06 -2.57 0.00	111.48 -2.54 0.00	144.56 -3.14 0.00	157.80 -3.21 0.00	94.92 -2.40 0.00
PINELAWN_CC_1 323563	101.89 9.54 0.00	99.45 8.84 0.00	104.61 8.82 0.00	113.01 9.06 0.00	86.45 6.75 -3.77	57.26 4.71 0.00	64.07 5.12 0.00	47.37 3.99 0.00	45.51 3.90 0.00	44.12 3.86 0.00	61.74 5.51 0.00	75.64 6.32 0.00	85.79 7.08 0.00	91.89 7.98 0.00	108.50 9.44 0.00	128.31 11.64 0.00	165.31 14.77 -0.68	222.56 18.09 -9.89	187.06 15.50 -19.32	147.81 11.47 -32.71	165.86 12.58 -39.26	163.21 15.50 0.00	176.50 15.49 0.00	106.38 9.06 0.00
PJM_GEN_HTP_PROXY 323702	99.48 7.13 0.00	97.41 6.80 0.00	102.65 6.86 0.00	110.95 7.01 0.00	84.97 5.27 -3.77	56.33 3.78 0.00	62.95 3.99 0.00	46.42 3.04 0.00	44.56 2.94 0.00	43.28 3.02 0.00	60.71 4.47 0.00	74.62 5.30 0.00	84.59 5.88 0.00	90.14 6.24 0.00	106.57 7.51 0.00	125.54 8.88 0.00	162.17 11.64 -0.68	216.98 15.17 -7.23	183.83 12.28 -19.32	145.01 8.68 -32.69	162.77 9.50 -39.25	159.22 11.51 0.00	172.55 11.54 0.00	104.06 6.74 0.00
PJM_GEN_KEystone 24065	78.25 -0.60 13.49	55.19 -0.55 34.87	58.49 -1.01 36.29	41.77 -1.25 60.94	42.09 -0.75 33.09	30.31 -0.43 21.81	41.49 -0.75 16.72	42.82 -0.56 0.00	29.68 -0.45 11.47	32.70 -0.43 7.14	36.03 -0.30 19.90	32.95 -0.49 35.88	34.60 -0.75 43.36	33.36 -0.80 49.74	36.57 -0.89 61.60	78.34 -1.24 37.08	100.40 -1.88 47.57	169.52 -1.89 23.17	102.05 -1.43 48.75	55.85 -0.68 47.10	72.75 -1.14 40.12	138.08 -1.43 8.19	160.27 -0.74 0.00	71.43 -0.08 25.81
PJM_GEN_NEPTUNE_PROXY 323594	100.57 8.23 0.00	98.23 7.62 0.00	103.37 7.58 0.00	111.71 7.76 0.00	85.52 5.82 -3.77	56.64 4.08 0.00	63.37 4.42 0.00	46.81 3.43 0.00	44.96 3.35 0.00	43.64 3.37 0.00	61.12 4.88 0.00	74.92 5.60 0.00	85.02 6.31 0.00	90.87 6.96 0.00	107.23 8.17 0.00	126.67 10.01 0.00	163.10 12.56 -0.68	217.29 15.47 -7.24	184.90 13.34 -19.32	146.16 9.82 -32.71	164.03 10.75 -39.26	160.97 13.26 0.00	174.14 13.13 0.00	105.00 7.68 0.00
PJM_GEN_VFT_PROXY 323633	99.10 8.23 0.00	97.06 6.45 0.00	102.30 6.50 0.00	110.55 6.60 0.00	84.68 4.99 -3.77	56.12 3.57 0.00	62.70 3.75 0.00	46.23 2.85 0.00	44.35 2.74 0.00	43.08 2.82 0.00	60.45 4.21 0.00	74.27 4.95 0.00	84.15 5.44 0.00	89.70 5.80 0.00	106.05 6.99 0.00	124.92 8.26 0.00	161.39 10.86 -0.68	216.00 14.18 -7.23	182.97 11.42 -19.32	144.43 8.09 -32.69	162.16 8.89 -39.25	158.41 10.70 0.00	171.71 10.70 0.00	103.55 6.23 0.00
PLATSBURG_115KV_PMLD1 355749	93.09 0.75 0.00	91.83 1.22 0.00	97.89 2.10 0.00	106.40 2.45 0.00	77.49 1.56 0.00	53.43 0.88 0.00	59.91 0.96 0.00	43.64 0.26 0.00	41.79 0.18 0.00	40.49 0.23 0.00	56.38 0.14 0.00	69.64 0.32 0.00	79.17 0.46 0.00	84.27 0.36 0.00	99.21 0.15 0.00	116.75 0.09 0.00	149.41 -0.44 0.00	193.70 -0.88 0.00	151.42 -0.81 0.00	103.41 -0.23 0.00	113.99 -0.03 0.00	148.09 0.38 0.00	162.03 1.02 0.00	97.70 0.37 0.00
PLEASANTVLY___LBMP 24000	98.71 6.37 0.00	96.72 6.10 0.00	101.97 6.18 0.00	110.33 6.38 0.00	84.66 4.79 -3.94	55.95 3.40 0.00	62.52 3.57 0.00	46.10 2.72 0.00	44.24 2.64 0.00	42.94 2.68 0.00	60.11 3.87 0.00	73.95 4.63 0.00	83.94 5.23 0.00	89.43 5.53 0.00	105.76 6.70 0.00	124.63 7.97 0.00	160.95 10.39 -0.71	218.53 13.66 -10.29	183.55 11.17 -20.15	145.64 7.88 -34.13	163.60 8.57 -41.02	158.07 10.36 0.00	171.40 10.40 0.00	103.41 6.09 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	99.35 7.01 0.00	97.31 6.70 0.00	102.54 6.74 0.00	110.90 6.95 0.00	84.94 5.22 -3.79	56.27 3.72 0.00	62.88 3.93 0.00	46.38 2.99 0.00	44.51 2.90 0.00	43.22 2.95 0.00	60.56 4.32 0.00	74.45 5.13 0.00	84.45 5.74 0.00	89.99 6.09 0.00	106.42 7.36 0.00	125.39 8.72 0.00	161.96 11.42 -0.69	219.62 15.09 -9.96	183.94 12.26 -19.44	145.19 8.64 -32.91	162.95 9.42 -39.51	159.11 11.41 0.00	172.51 11.50 0.00	103.99 6.67 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	99.35 7.01 0.00	97.31 6.70 0.00	102.54 6.74 0.00	110.90 6.95 0.00	84.94 5.22 -3.79	56.27 3.72 0.00	62.88 3.93 0.00	46.38 2.99 0.00	44.51 2.90 0.00	43.22 2.95 0.00	60.56 4.32 0.00	74.45 5.13 0.00	84.45 5.74 0.00	89.99 6.09 0.00	106.42 7.36 0.00	125.39 8.72 0.00	161.96 11.42 -0.69	219.62 15.09 -9.96	183.94 12.26 -19.44	145.19 8.64 -32.91	162.95 9.42 -39.51	159.11 11.41 0.00	172.51 11.50 0.00	103.99 6.67 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	99.91 7.57 0.00	97.85 7.24 0.00	103.12 7.33 0.00	111.60 7.65 0.00	85.48 5.70 -3.85	56.59 4.04 0.00	63.26 4.31 0.00	46.67 3.29 0.00	44.83 3.22 0.00	43.52 3.25 0.00	60.87 4.63 0.00	74.87 5.55 0.00	85.04 6.33 0.00	90.68 6.77 0.00	107.25 8.19 0.00	126.44 9.78 0.00	163.51 12.87 -0.79	223.19 17.16 -11.44	187.17 13.94 -20.99	148.44 9.68 -35.12	165.63 10.41 -41.21	160.37 12.66 0.00	173.77 12.76 0.00	104.68 7.36 0.00
POLETTI___ 23519	99.45 7.11 0.00	97.44 6.82 0.00	102.72 6.93 0.00	111.01 7.07 0.00	85.01 5.31 -3.77	56.38 3.82 0.00	62.97 4.01 0.00	46.43 3.05 0.00	44.55 2.94 0.00	43.29 3.03 0.00	60.79 4.55 0.00	74.72 5.40 0.00	84.63 5.93 0.00	90.15 6.25 0.00	106.56 7.50 0.00	125.50 8.84 0.00	162.14 11.61 -0.68	219.47 15.00 -9.89	183.44 11.89 -19.32	144.77 8.44 -32.69	162.55 9.28 -39.25	158.93 11.22 0.00	172.21 11.20 0.00	103.83 6.51 0.00
POMONA___ESR 323819	98.57 6.22 0.00	96.56 5.94 0.00	101.75 5.96 0.00	110.05 6.10 0.00	84.17 4.61 -3.63	55.85 3.29 0.00	62.40 3.45 0.00	46.01 2.62 0.00	44.14 2.53 0.00	42.84 2.58 0.00	60.04 3.80 0.00	73.81 4.49 0.00	83.67 4.96 0.00	89.19 5.29 0.00	105.46 6.40 0.00	124.28 7.62 0.00	160.65 10.14 -0.66	217.61 13.47 -9.56	181.90 11.01 -18.65	142.99 7.80 -31.56	160.40 8.53 -37.86	157.98 10.28 0.00	171.38 10.37 0.00	103.35 6.03 0.00
PORT_JEFF_3 23555	102.64 10.29 0.00	100.15 9.54 0.00	105.31 9.52 0.00	113.71 9.77 0.00	86.95 7.25 -3.77	57.62 5.07 0.00	64.52 5.56 0.00	47.72 4.34 0.00	45.86 4.24 0.00	44.47 4.20 0.00	62.12 5.88 0.00	76.00 6.68 0.00	86.38 7.67 0.00	92.54 8.64 0.00	109.23 10.17 0.00	129.46 12.79 0.00	166.92 16.39 -0.68	223.91 19.44 -9.89	188.19 16.64 -19.32	148.93 12.59 -32.71	166.97 13.69 -39.26	164.55 16.84 0.00	177.87 16.87 0.00	107.12 9.80 0.00

PORT_JEFF_4 23616	102.64 10.29 0.00	100.15 9.54 0.00	105.31 9.52 0.00	113.71 9.77 0.00	86.95 7.25 -3.77	57.62 5.07 0.00	64.52 5.56 0.00	47.72 4.34 0.00	45.86 4.24 0.00	44.47 4.20 0.00	62.12 5.88 0.00	76.00 6.68 0.00	86.38 7.67 0.00	92.54 8.64 0.00	109.23 10.17 0.00	129.46 12.79 0.00	166.92 16.39 -0.68	223.91 19.44 -9.89	188.19 16.64 -19.32	148.93 12.59 -32.71	166.97 13.69 -39.26	164.55 16.84 0.00	177.87 16.87 0.00	107.12 9.80 0.00
PORT_JEFF_IC 23713	102.72 10.37 0.00	100.21 9.59 0.00	105.37 9.58 0.00	113.80 9.85 0.00	86.98 7.28 -3.77	57.66 5.10 0.00	64.55 5.60 0.00	47.76 4.38 0.00	45.89 4.28 0.00	44.51 4.24 0.00	62.17 5.93 0.00	76.07 6.75 0.00	86.46 7.75 0.00	92.64 8.74 0.00	109.35 10.30 0.00	129.61 12.95 0.00	167.19 16.66 -0.68	224.15 19.68 -9.89	188.37 16.82 -19.32	149.08 12.74 -32.71	167.14 13.87 -39.26	164.78 17.07 0.00	178.03 17.03 0.00	107.20 9.88 0.00
PPL PILGRIM_ST_GT1 24216	102.81 10.46 0.00	100.38 9.76 0.00	105.58 9.79 0.00	114.01 10.06 0.00	87.15 7.45 -3.77	57.69 5.14 0.00	64.47 5.51 0.00	47.76 4.38 0.00	45.95 4.34 0.00	44.54 4.28 0.00	62.29 6.05 0.00	76.26 6.94 0.00	86.63 7.92 0.00	92.81 8.91 0.00	109.25 10.19 0.00	128.93 12.27 0.00	165.82 15.28 -0.68	222.44 17.97 -9.89	187.22 15.66 -19.32	148.56 12.21 -32.71	166.23 12.95 -39.26	163.79 16.08 0.00	177.63 16.62 0.00	107.27 9.96 0.00
PPL PILGRIM_ST_GT2 24217	102.81 10.46 0.00	100.38 9.76 0.00	105.58 9.79 0.00	114.01 10.06 0.00	87.15 7.45 -3.77	57.69 5.14 0.00	64.47 5.51 0.00	47.76 4.38 0.00	45.95 4.34 0.00	44.54 4.28 0.00	62.29 6.05 0.00	76.26 6.94 0.00	86.63 7.92 0.00	92.81 8.91 0.00	109.25 10.19 0.00	128.93 12.27 0.00	165.82 15.28 -0.68	222.44 17.97 -9.89	187.22 15.66 -19.32	148.56 12.21 -32.71	166.23 12.95 -39.26	163.79 16.08 0.00	177.63 16.62 0.00	107.27 9.96 0.00
PPL_SHRM_GT3 24213	103.06 10.71 0.00	100.52 9.91 0.00	105.66 9.86 0.00	114.11 10.16 0.00	87.23 7.53 -3.77	57.83 5.28 0.00	64.76 5.81 0.00	47.94 4.56 0.00	46.04 4.43 0.00	44.59 4.33 0.00	62.19 5.95 0.00	75.98 6.67 0.00	86.42 7.70 0.00	92.71 8.81 0.00	109.51 10.45 0.00	130.00 13.33 0.00	167.93 17.40 -0.68	224.32 19.85 -9.89	188.69 17.13 -19.32	149.71 13.37 -32.71	167.75 14.48 -39.26	165.51 17.80 0.00	178.74 17.73 0.00	107.54 10.21 0.00
PPL_SHRM_GT4 24214	103.06 10.71 0.00	100.52 9.91 0.00	105.66 9.86 0.00	114.11 10.16 0.00	87.23 7.53 -3.77	57.83 5.28 0.00	64.76 5.81 0.00	47.94 4.56 0.00	46.04 4.43 0.00	44.59 4.33 0.00	62.19 5.95 0.00	75.98 6.67 0.00	86.42 7.70 0.00	92.71 8.81 0.00	109.51 10.45 0.00	130.00 13.33 0.00	167.93 17.40 -0.68	224.32 19.85 -9.89	188.69 17.13 -19.32	149.71 13.37 -32.71	167.75 14.48 -39.26	165.51 17.80 0.00	178.74 17.73 0.00	107.54 10.21 0.00
PROJECT___ORANGE 1 24174	89.94 -2.41 0.00	88.25 -2.37 0.00	93.07 -2.73 0.00	101.05 -2.90 0.00	74.24 -2.05 -0.35	51.22 -1.33 0.00	57.38 -1.58 0.00	42.29 -1.09 0.00	40.60 -1.01 0.00	39.30 -0.97 0.00	54.96 -1.28 0.00	67.71 -1.61 0.00	76.85 -1.86 0.00	81.97 -1.94 0.00	96.87 -2.19 0.00	114.10 -2.56 0.00	146.60 -3.25 0.00	190.83 -3.75 0.00	149.33 -2.91 0.00	101.96 -1.96 -0.28	112.96 -2.49 -1.43	144.30 -3.40 0.00	157.49 -3.52 0.00	95.37 -1.95 0.00
PROJECT___ORANGE 2 24166	89.94 -2.41 0.00	88.25 -2.37 0.00	93.07 -2.73 0.00	101.05 -2.90 0.00	74.24 -2.05 -0.35	51.22 -1.33 0.00	57.38 -1.58 0.00	42.29 -1.09 0.00	40.60 -1.01 0.00	39.30 -0.97 0.00	54.96 -1.28 0.00	67.71 -1.61 0.00	76.85 -1.86 0.00	81.97 -1.94 0.00	96.87 -2.19 0.00	114.10 -2.56 0.00	146.60 -3.25 0.00	190.83 -3.75 0.00	149.33 -2.91 0.00	101.96 -1.96 -0.28	112.96 -2.49 -1.43	144.30 -3.40 0.00	157.49 -3.52 0.00	95.37 -1.95 0.00
PUCKETT___SOLAR 323809	91.86 -0.49 0.00	90.21 -0.40 0.00	95.32 -0.47 0.00	103.34 -0.61 0.00	76.86 -0.37 -1.30	52.29 -0.26 0.00	58.54 -0.42 0.00	43.31 -0.07 0.00	41.65 0.04 0.00	40.31 0.05 0.00	56.42 0.18 0.00	69.42 0.10 0.00	78.72 0.02 0.00	84.08 0.18 0.00	99.58 0.52 0.00	117.25 0.59 0.00	151.11 0.88 -0.38	202.15 2.08 -5.50	163.04 1.89 -8.92	119.67 1.57 -14.46	131.09 1.43 -15.63	149.75 2.04 0.00	163.87 2.87 0.00	99.06 1.74 0.00
PYRITES___HYD 24023	92.03 -0.31 0.00	90.27 -0.34 0.00	95.78 -0.01 0.00	103.85 -0.09 0.00	75.68 -0.25 0.00	52.45 -0.10 0.00	59.27 0.31 0.00	43.53 0.14 0.00	41.82 0.21 0.00	40.48 0.22 0.00	56.37 0.13 0.00	69.58 0.26 0.00	78.98 0.26 0.00	84.07 0.17 0.00	98.58 -0.48 0.00	116.38 -0.28 0.00	150.33 0.48 0.00	195.35 0.77 0.00	152.30 0.07 0.00	103.56 -0.08 0.00	114.16 0.14 0.00	147.99 0.28 0.00	161.49 0.48 0.00	97.11 -0.21 0.00
QUAKERRD_115KV_BK1 80622	85.18 -7.16 0.00	83.64 -6.98 0.00	87.88 -7.91 0.00	95.34 -8.61 0.00	70.30 -6.10 -0.46	48.57 -3.99 0.00	54.51 -4.45 0.00	39.85 -3.53 0.00	38.29 -3.32 0.00	36.90 -3.37 0.00	51.60 -4.64 0.00	63.67 -5.64 0.00	72.29 -6.44 -0.01	77.16 -6.74 0.00	91.06 -8.00 0.00	107.21 -9.45 0.00	137.71 -12.14 0.00	179.66 -14.92 0.00	140.26 -11.97 0.00	95.83 -8.18 -0.38	106.28 -9.68 -1.94	135.23 -12.48 0.00	148.71 -12.30 0.00	90.94 -6.38 0.00
QUEENSBRY_115KV_TB8 356137	99.88 7.54 0.00	98.01 7.40 0.00	103.25 7.46 0.00	111.75 7.81 0.00	86.81 5.80 -5.08	56.56 4.01 0.00	63.50 4.55 0.00	46.92 3.54 0.00	45.01 3.39 0.00	43.56 3.29 0.00	60.75 4.51 0.00	74.76 5.44 0.00	85.23 6.52 0.00	90.83 6.93 0.00	107.74 8.68 0.00	127.09 10.43 0.00	170.64 13.68 -7.12	315.81 18.23 -103.01	276.25 14.71 -109.31	271.24 10.11 -157.49	249.35 10.89 -124.45	161.08 13.37 0.00	174.35 13.34 0.00	105.01 7.69 0.00
RAMAPO___LBMP 323565	98.25 5.91 0.00	96.25 5.63 0.00	101.47 5.67 0.00	109.75 5.80 0.00	83.94 4.39 -3.62	55.67 3.12 0.00	62.21 3.26 0.00	45.87 2.49 0.00	43.99 2.38 0.00	42.71 2.45 0.00	59.85 3.61 0.00	73.59 4.27 0.00	83.43 4.71 0.00	88.90 5.00 0.00	105.12 6.06 0.00	123.91 7.25 0.00	160.07 9.56 -0.66	216.88 12.77 -9.53	181.25 10.42 -18.59	142.48 7.39 -31.45	159.81 8.07 -37.73	157.40 9.69 0.00	170.80 9.79 0.00	103.04 5.71 0.00
RANKINE____ 23646	60.09 -9.24 23.01	58.96 -8.91 22.74	61.98 -10.27 23.54	67.25 -11.24 25.46	47.87 -7.89 20.17	30.92 -5.07 16.56	35.62 -5.66 17.68	20.57 -4.89 17.91	22.10 -4.54 14.97	20.43 -4.70 15.14	31.83 -6.59 17.81	42.07 -7.93 19.31	48.08 -9.13 21.50	52.21 -9.50 22.19	63.55 -11.39 24.11	84.59 -13.41 18.66	131.34 -17.44 1.07	168.31 -20.98 5.30	136.58 -16.81 -1.16	97.55 -11.20 -5.12	107.21 -13.38 -6.58	131.35 -16.35 0.00	146.36 -14.65 0.00	90.79 -6.53 0.00
RAVENSWOOD_GT2_1 24244	99.66 7.31 0.00	97.61 6.99 0.00	102.87 7.08 0.00	111.17 7.22 0.00	85.13 5.43 -3.77	56.43 3.88 0.00	63.07 4.11 0.00	46.51 3.13 0.00	44.61 3.00 0.00	43.34 3.08 0.00	60.81 4.57 0.00	74.74 5.42 0.00	84.73 6.02 0.00	90.28 6.37 0.00	106.70 7.64 0.00	125.71 9.04 0.00	162.38 11.84 -0.68	219.93 15.46 -9.89	184.06 12.51 -19.32	145.17 8.84 -32.70	162.95 9.68 -39.25	159.39 11.68 0.00	172.72 11.71 0.00	104.17 6.85 0.00



RAVENSWOOD_GT2_2 24245	99.66 7.31 0.00	97.61 6.99 0.00	102.87 7.08 0.00	111.17 7.22 0.00	85.13 5.43 -3.77	56.43 3.88 0.00	63.07 4.11 0.00	46.51 3.13 0.00	44.61 3.00 0.00	43.34 3.08 0.00	60.81 4.57 0.00	74.74 5.42 0.00	84.73 6.02 0.00	90.28 6.37 0.00	106.70 7.64 0.00	125.71 9.04 0.00	162.38 11.84 -0.68	219.93 15.46 -9.89	184.06 12.51 -19.32	145.17 8.84 -32.70	162.95 9.68 -39.25	159.39 11.68 0.00	172.72 11.71 0.00	104.17 6.85 0.00
RAVENSWOOD_GT2_3 24246	99.70 7.35 0.00	97.65 7.03 0.00	102.89 7.10 0.00	111.20 7.26 0.00	85.15 5.45 -3.77	56.45 3.90 0.00	63.08 4.13 0.00	46.52 3.14 0.00	44.63 3.02 0.00	43.36 3.10 0.00	60.85 4.61 0.00	74.78 5.47 0.00	84.79 6.08 0.00	90.32 6.42 0.00	106.76 7.70 0.00	125.78 9.12 0.00	162.46 11.93 -0.68	220.08 15.61 -9.89	184.15 12.60 -19.32	145.23 8.89 -32.70	163.00 9.73 -39.25	159.50 11.79 0.00	172.83 11.83 0.00	104.20 6.88 0.00
RAVENSWOOD_GT2_4 24247	99.70 7.35 0.00	97.65 7.03 0.00	102.89 7.10 0.00	111.20 7.26 0.00	85.15 5.45 -3.77	56.45 3.90 0.00	63.08 4.13 0.00	46.52 3.14 0.00	44.63 3.02 0.00	43.36 3.10 0.00	60.85 4.61 0.00	74.78 5.47 0.00	84.79 6.08 0.00	90.32 6.42 0.00	106.76 7.70 0.00	125.78 9.12 0.00	162.46 11.93 -0.68	220.08 15.61 -9.89	184.15 12.60 -19.32	145.23 8.89 -32.70	163.00 9.73 -39.25	159.50 11.79 0.00	172.83 11.83 0.00	104.20 6.88 0.00
RAVENSWOOD_GT3_1 24248	99.66 7.31 0.00	97.61 7.00 0.00	102.87 7.08 0.00	111.18 7.23 0.00	85.13 5.43 -3.77	56.43 3.88 0.00	63.07 4.11 0.00	46.51 3.13 0.00	44.61 3.00 0.00	43.34 3.08 0.00	60.81 4.57 0.00	74.74 5.42 0.00	84.73 6.02 0.00	90.28 6.37 0.00	106.71 7.65 0.00	125.71 9.04 0.00	162.39 11.86 -0.68	219.95 15.48 -9.89	184.06 12.51 -19.32	145.19 8.85 -32.70	162.95 9.68 -39.25	159.39 11.68 0.00	172.72 11.71 0.00	104.17 6.85 0.00
RAVENSWOOD_GT3_2 24249	99.66 7.31 0.00	97.61 7.00 0.00	102.87 7.08 0.00	111.18 7.23 0.00	85.13 5.43 -3.77	56.43 3.88 0.00	63.07 4.11 0.00	46.51 3.13 0.00	44.61 3.00 0.00	43.34 3.08 0.00	60.81 4.57 0.00	74.74 5.42 0.00	84.73 6.02 0.00	90.28 6.37 0.00	106.71 7.65 0.00	125.71 9.04 0.00	162.39 11.86 -0.68	219.95 15.48 -9.89	184.06 12.51 -19.32	145.19 8.85 -32.70	162.95 9.68 -39.25	159.39 11.68 0.00	172.72 11.71 0.00	104.17 6.85 0.00
RAVENSWOOD_GT3_3 24250	99.80 7.45 0.00	97.74 7.12 0.00	102.99 7.20 0.00	111.31 7.36 0.00	85.23 5.53 -3.77	56.52 3.97 0.00	63.14 4.18 0.00	46.56 3.18 0.00	44.68 3.07 0.00	43.40 3.14 0.00	60.90 4.66 0.00	74.86 5.54 0.00	84.88 6.17 0.00	90.42 6.51 0.00	106.88 7.82 0.00	125.92 9.26 0.00	162.64 12.10 -0.68	220.29 15.82 -9.89	184.34 12.79 -19.32	145.36 9.02 -32.70	163.14 9.87 -39.25	159.67 11.96 0.00	173.03 12.02 0.00	104.32 7.00 0.00
RAVENSWOOD_GT3_4 24251	99.80 7.45 0.00	97.74 7.12 0.00	102.99 7.20 0.00	111.31 7.36 0.00	85.23 5.53 -3.77	56.52 3.97 0.00	63.14 4.18 0.00	46.56 3.18 0.00	44.68 3.07 0.00	43.40 3.14 0.00	60.90 4.66 0.00	74.86 5.54 0.00	84.88 6.17 0.00	90.42 6.51 0.00	106.88 7.82 0.00	125.92 9.26 0.00	162.64 12.10 -0.68	220.29 15.82 -9.89	184.34 12.79 -19.32	145.36 9.02 -32.70	163.14 9.87 -39.25	159.67 11.96 0.00	173.03 12.02 0.00	104.32 7.00 0.00
RAVENSWOOD_GT_1 23729	100.03 7.69 0.00	97.95 7.34 0.00	103.21 7.42 0.00	111.52 7.57 0.00	85.39 5.69 -3.77	60.51 4.09 -3.87	65.74 4.34 -2.44	52.73 3.30 -6.05	51.73 3.16 -6.96	51.03 3.26 -7.50	64.66 4.88 -3.54	85.75 5.77 -10.66	88.81 6.41 -3.68	97.54 6.73 -6.90	107.11 8.05 0.00	126.16 9.50 0.00	200.80 12.56 -38.39	336.34 16.42 -125.34	211.40 13.25 -45.92	176.36 9.36 -63.36	194.37 10.21 -70.14	190.29 12.36 -30.22	176.80 12.33 -3.46	106.25 7.20 -1.73
RAVENSWOOD_GT_10 24258	99.66 7.31 0.00	97.60 6.99 0.00	102.85 7.05 0.00	111.17 7.22 0.00	85.12 5.43 -3.77	56.88 3.88 -0.45	63.34 4.10 -0.28	47.20 3.12 -0.70	45.41 3.00 -0.80	44.20 3.07 -0.86	61.21 4.56 -0.41	75.96 5.41 -1.23	85.15 6.01 -0.42	91.07 6.37 -0.80	106.69 7.63 0.00	125.71 9.04 0.00	166.70 11.82 -5.03	233.24 15.45 -23.21	187.10 12.49 -22.39	148.71 8.84 -36.24	166.49 9.65 -42.82	162.87 11.68 -3.49	173.11 11.70 -0.40	104.37 6.85 -0.20
RAVENSWOOD_GT_11 24259	99.66 7.31 0.00	97.60 6.99 0.00	102.85 7.05 0.00	111.17 7.22 0.00	85.12 5.43 -3.77	56.88 3.88 -0.45	63.34 4.10 -0.28	47.20 3.12 -0.70	45.41 3.00 -0.80	44.20 3.07 -0.86	61.21 4.56 -0.41	75.96 5.41 -1.23	85.15 6.01 -0.42	91.07 6.37 -0.80	106.69 7.63 0.00	125.71 9.04 0.00	166.70 11.82 -5.03	233.24 15.45 -23.21	187.10 12.49 -22.39	148.71 8.84 -36.24	166.49 9.65 -42.82	162.87 11.68 -3.49	173.11 11.70 -0.40	104.37 6.85 -0.20
RAVENSWOOD_GT_4 24252	99.63 7.28 0.00	97.56 6.94 0.00	102.80 7.00 0.00	111.12 7.17 0.00	85.08 5.39 -3.77	59.36 3.86 -2.95	64.88 4.07 -1.86	51.08 3.10 -4.60	49.89 2.98 -5.30	49.03 3.06 -5.71	63.46 4.52 -2.70	82.81 5.38 -8.12	87.47 5.95 -2.80	95.48 6.33 -5.26	106.66 7.60 0.00	125.67 9.01 0.00	191.02 11.77 -29.40	307.73 15.35 -97.80	204.19 12.38 -39.57	168.46 8.78 -56.05	186.38 9.59 -62.77	182.35 11.63 -23.02	175.32 11.68 -2.63	105.42 6.79 -1.31
RAVENSWOOD_GT_5 24254	99.63 7.28 0.00	97.56 6.94 0.00	102.80 7.00 0.00	111.12 7.17 0.00	85.08 5.39 -3.77	59.36 3.86 -2.95	64.88 4.07 -1.86	51.08 3.10 -4.60	49.89 2.98 -5.30	49.03 3.06 -5.71	63.46 4.52 -2.70	82.81 5.38 -8.12	87.47 5.95 -2.80	95.48 6.33 -5.26	106.66 7.60 0.00	125.67 9.01 0.00	191.02 11.77 -29.40	307.73 15.35 -97.80	204.19 12.38 -39.57	168.46 8.78 -56.05	186.38 9.59 -62.77	182.35 11.63 -23.02	175.32 11.68 -2.63	105.42 6.79 -1.31
RAVENSWOOD_GT_6 24253	99.63 7.28 0.00	97.56 6.94 0.00	102.80 7.00 0.00	111.12 7.17 0.00	85.08 5.39 -3.77	59.36 3.86 -2.95	64.88 4.07 -1.86	51.08 3.10 -4.60	49.89 2.98 -5.30	49.03 3.06 -5.71	63.46 4.52 -2.70	82.81 5.38 -8.12	87.47 5.95 -2.80	95.48 6.33 -5.26	106.66 7.60 0.00	125.67 9.01 0.00	191.02 11.77 -29.40	307.73 15.35 -97.80	204.19 12.38 -39.57	168.46 8.78 -56.05	186.38 9.59 -62.77	182.35 11.63 -23.02	175.32 11.68 -2.63	105.42 6.79 -1.31
RAVENSWOOD_GT_7 24255	99.63 7.28 0.00	97.56 6.94 0.00	102.80 7.00 0.00	111.12 7.17 0.00	85.08 5.39 -3.77	59.36 3.86 -2.95	64.88 4.07 -1.86	51.08 3.10 -4.60	49.89 2.98 -5.30	49.03 3.06 -5.71	63.46 4.52 -2.70	82.81 5.38 -8.12	87.47 5.95 -2.80	95.48 6.33 -5.26	106.66 7.60 0.00	125.67 9.01 0.00	191.02 11.77 -29.40	307.73 15.35 -97.80	204.19 12.38 -39.57	168.46 8.78 -56.05	186.38 9.59 -62.77	182.35 11.63 -23.02	175.32 11.68 -2.63	105.42 6.79 -1.31
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	99.66 7.31 0.00	97.60 6.99 0.00	102.85 7.05 0.00	111.17 7.22 0.00	85.12 5.43 -3.77	56.88 3.88 -0.45	63.34 4.10 -0.28	47.20 3.12 -0.70	45.41 3.00 -0.80	44.20 3.07 -0.86	61.21 4.56 -0.41	75.96 5.41 -1.23	85.15 6.01 -0.42	91.07 6.37 -0.80	106.69 7.63 0.00	125.71 9.04 0.00	166.70 11.82 -5.03	233.24 15.45 -23.21	187.10 12.49 -22.39	148.71 8.84 -36.24	166.49 9.65 -42.82	162.87 11.68 -3.49	173.11 11.70 -0.40	104.37 6.85 -0.20

RAVENSWOOD_GT_9 24257	99.66 7.31 0.00	97.60 6.99 0.00	102.85 7.05 0.00	111.17 7.22 0.00	85.12 5.43 -3.77	56.88 3.88 -0.45	63.34 4.10 -0.28	47.20 3.12 -0.70	45.41 3.00 -0.80	44.20 3.07 -0.86	61.21 4.56 -0.41	75.96 5.41 -1.23	85.15 6.01 -0.42	91.07 6.37 -0.80	106.69 7.63 0.00	125.71 9.04 0.00	166.70 11.82 -5.03	233.24 15.45 -23.21	187.10 12.49 -22.39	148.71 8.84 -36.24	166.49 9.65 -42.82	162.87 11.68 -3.49	173.11 11.70 -0.40	104.37 6.85 -0.20
RAVENSWOOD___1 23533	99.89 7.54 0.00	97.83 7.22 0.00	103.06 7.27 0.00	111.39 7.45 0.00	85.30 5.60 -3.77	52.77 4.03 3.81	60.83 4.28 2.41	40.68 3.26 5.95	37.88 3.12 6.86	36.09 3.21 7.38	57.52 4.77 3.48	64.45 5.62 10.49	81.35 6.27 3.63	83.70 6.60 6.80	106.98 7.92 0.00	126.00 9.33 0.00	125.76 12.36 36.45	106.98 16.19 103.80	158.45 13.10 6.88	115.39 9.25 -2.50	132.95 10.09 -8.84	130.14 12.19 29.76	169.79 12.19 3.40	102.72 7.10 1.70
RAVENSWOOD___2 23534	99.89 7.54 0.00	97.83 7.22 0.00	103.06 7.27 0.00	111.39 7.45 0.00	85.30 5.60 -3.77	52.77 4.03 3.81	60.83 4.28 2.41	40.68 3.26 5.95	37.88 3.12 6.86	36.09 3.21 7.38	57.52 4.77 3.48	64.45 5.62 10.49	81.35 6.27 3.63	83.70 6.60 6.80	106.98 7.92 0.00	126.00 9.33 0.00	125.76 12.36 36.45	106.98 16.19 103.80	158.45 13.10 6.88	115.39 9.25 -2.50	132.95 10.09 -8.84	130.14 12.19 29.76	169.79 12.19 3.40	102.72 7.10 1.70
RAVENSWOOD___3 23535	99.66 7.31 0.00	97.61 7.00 0.00	102.85 7.05 0.00	111.15 7.21 0.00	85.13 5.43 -3.77	56.43 3.88 0.00	63.06 4.10 0.00	46.51 3.13 0.00	44.63 3.02 0.00	43.34 3.08 0.00	60.79 4.55 0.00	74.72 5.40 0.00	84.71 6.00 0.00	90.26 6.36 0.00	106.68 7.62 0.00	125.68 9.02 0.00	162.39 11.85 -0.68	219.97 15.50 -9.89	184.09 12.53 -19.32	145.19 8.86 -32.70	162.95 9.68 -39.25	159.40 11.69 0.00	172.74 11.73 0.00	104.18 6.85 0.00
RAVENSWOOD___4 23820	99.89 7.54 0.00	97.83 7.22 0.00	103.06 7.27 0.00	111.39 7.45 0.00	85.30 5.60 -3.77	52.77 4.03 3.81	60.83 4.28 2.41	40.68 3.26 5.95	37.88 3.12 6.86	36.09 3.21 7.38	57.52 4.77 3.48	64.45 5.62 10.49	81.35 6.27 3.63	83.70 6.60 6.80	106.98 7.92 0.00	126.00 9.33 0.00	125.76 12.36 36.45	106.98 16.19 103.80	158.45 13.10 6.88	115.39 9.25 -2.50	132.95 10.09 -8.84	130.14 12.19 29.76	169.79 12.19 3.40	102.72 7.10 1.70
RCPL_TRUST___DRP 24196	99.54 7.19 0.00	97.47 6.85 0.00	102.70 6.91 0.00	111.01 7.06 0.00	85.00 5.30 -3.77	56.36 3.80 0.00	62.98 4.02 0.00	46.46 3.08 0.00	44.58 2.97 0.00	43.31 3.05 0.00	60.76 4.52 0.00	74.70 5.38 0.00	84.68 5.97 0.00	90.21 6.31 0.00	106.63 7.57 0.00	125.63 8.97 0.00	162.27 11.73 -0.68	219.82 15.35 -9.89	183.91 12.36 -19.32	145.08 8.75 -32.69	162.82 9.56 -39.25	159.32 11.61 0.00	172.64 11.64 0.00	104.08 6.76 0.00
RED___ROCHESTER 323720	86.86 -5.49 0.00	85.27 -5.34 0.00	89.54 -6.25 0.00	97.07 -6.88 0.00	71.58 -4.83 -0.48	49.49 -3.06 0.00	55.58 -3.38 0.00	40.54 -2.84 0.00	38.97 -2.64 0.00	37.51 -2.75 0.00	52.50 -3.74 0.00	64.89 -4.43 0.00	73.68 -5.05 -0.01	78.68 -5.22 0.00	92.78 -6.28 0.00	109.22 -7.44 0.00	140.13 -9.72 0.00	183.25 -11.33 0.00	142.79 -9.44 0.00	97.54 -6.48 -0.39	107.99 -8.02 -2.00	137.42 -10.29 0.00	151.34 -9.66 0.00	92.78 -4.54 0.00
REGAN___SOLAR 323812	97.98 5.63 0.00	96.08 5.47 0.00	101.45 5.66 0.00	110.02 6.08 0.00	85.85 4.49 -5.43	55.66 3.11 0.00	62.46 3.50 0.00	46.10 2.72 0.00	44.11 2.50 0.00	42.27 2.00 0.00	58.92 2.68 0.00	72.51 3.19 0.00	82.43 3.72 0.00	88.34 4.44 0.00	104.68 5.62 0.00	124.27 7.61 0.00	167.96 11.06 -7.04	311.84 15.32 -101.94	271.80 11.93 -107.64	267.03 8.10 -155.29	246.55 8.60 -123.94	158.49 10.78 0.00	172.46 11.45 0.00	104.08 6.76 0.00
RENSSELAER___COGEN 23796	96.29 3.95 0.00	94.52 3.91 0.00	99.86 4.07 0.00	108.39 4.44 0.00	84.21 3.35 -4.93	54.83 2.27 0.00	61.28 2.33 0.00	45.08 1.70 0.00	43.13 1.52 0.00	41.79 1.53 0.00	58.44 2.20 0.00	71.99 2.67 0.00	81.84 3.13 0.00	87.28 3.38 0.00	103.20 4.14 0.00	121.36 4.70 0.00	159.63 5.97 -3.81	257.53 7.77 -55.18	223.06 6.35 -64.47	204.23 4.43 -96.16	203.90 4.88 -85.01	153.58 5.88 0.00	166.98 5.97 0.00	101.24 3.92 0.00
REPUBLIC_115KV_BARTNBRK 55605	104.00 11.65 0.00	102.13 11.52 0.00	107.12 11.32 0.00	115.21 11.27 0.00	89.30 8.28 -5.08	58.45 5.90 0.00	65.73 6.77 0.00	48.73 5.35 0.00	46.81 5.20 0.00	45.28 5.01 0.00	62.96 6.72 0.00	77.18 7.86 0.00	88.27 9.56 0.00	93.82 9.92 0.00	111.90 12.84 0.00	132.10 15.44 0.00	177.18 20.25 -7.08	325.45 28.39 -102.48	284.50 23.45 -108.82	276.08 15.62 -156.82	255.13 17.11 -124.01	168.80 21.09 0.00	181.68 20.67 0.00	108.76 11.44 0.00
REVERE_CPPR_DRP 24186	94.40 2.06 0.00	92.74 2.13 0.00	97.83 2.04 0.00	106.22 2.27 0.00	77.85 1.73 -0.19	53.79 1.24 0.00	60.44 1.48 0.00	44.72 1.34 0.00	42.97 1.36 0.00	41.74 1.47 0.00	58.54 2.30 0.00	72.24 2.92 0.00	81.86 3.14 0.00	87.45 3.55 0.00	103.40 4.35 0.00	122.06 5.40 0.00	157.17 7.32 0.00	204.23 9.65 0.00	159.71 7.48 0.00	108.84 5.06 -0.15	119.91 5.12 -0.77	153.99 6.28 0.00	167.55 6.54 0.00	101.05 3.73 0.00
REYNOLDS_115KV_TB3 80639	96.48 4.14 0.00	94.73 4.12 0.00	100.10 4.31 0.00	108.64 4.70 0.00	84.44 3.57 -4.94	54.97 2.42 0.00	61.46 2.51 0.00	45.21 1.83 0.00	43.26 1.65 0.00	41.91 1.65 0.00	58.59 2.36 0.00	72.17 2.85 0.00	82.11 3.40 0.00	87.56 3.66 0.00	103.56 4.50 0.00	121.78 5.12 0.00	160.43 6.35 -4.23	264.15 8.29 -61.28	229.14 6.73 -70.17	212.28 4.69 -103.95	209.16 5.17 -89.97	154.03 6.32 0.00	167.45 6.44 0.00	101.41 4.09 0.00
RIVERBAY____ 323610	100.28 7.93 0.00	98.23 7.62 0.00	103.57 7.78 0.00	111.96 8.02 0.00	85.71 6.01 -3.77	56.83 4.28 0.00	63.61 4.66 0.00	46.70 3.32 0.00	44.85 3.24 0.00	43.63 3.36 0.00	61.16 4.92 0.00	75.03 5.71 0.00	85.25 6.54 0.00	90.69 6.79 0.00	107.13 8.08 0.00	126.12 9.46 0.00	163.42 12.89 -0.68	221.45 16.98 -9.89	185.12 13.57 -19.32	145.90 9.56 -32.70	163.86 10.58 -39.25	160.35 12.64 0.00	173.53 12.52 0.00	104.48 7.16 0.00
RIVERSDE_115KV_TB3 55908	96.48 4.14 0.00	94.72 4.11 0.00	100.08 4.28 0.00	108.64 4.69 0.00	84.42 3.54 -4.95	54.95 2.40 0.00	61.46 2.50 0.00	45.21 1.83 0.00	43.26 1.65 0.00	41.91 1.65 0.00	58.60 2.37 0.00	72.21 2.89 0.00	82.12 3.40 0.00	87.57 3.67 0.00	103.56 4.50 0.00	121.79 5.13 0.00	160.59 6.45 -4.29	265.10 8.42 -62.11	230.01 6.82 -70.96	213.43 4.77 -105.03	209.95 5.23 -90.70	154.07 6.36 0.00	167.46 6.45 0.00	101.47 4.15 0.00
ROARING___BROOK_WT_PWR 323790	90.63 -1.71 0.00	89.05 -1.56 0.00	94.15 -1.64 0.00	102.06 -1.89 0.00	74.51 -1.42 0.00	51.54 -1.02 0.00	57.98 -0.98 0.00	42.70 -0.67 0.00	41.10 -0.51 0.00	39.81 -0.45 0.00	55.74 -0.50 0.00	69.00 -0.32 0.00	78.20 -0.52 0.00	83.45 -0.45 0.00	98.71 -0.34 0.00	116.40 -0.26 0.00	149.46 -0.39 0.00	193.93 -0.64 0.00	151.63 -0.60 0.00	103.07 -0.57 0.00	113.57 -0.44 0.00	147.42 -0.29 0.00	160.94 -0.07 0.00	97.21 -0.11 0.00

ROCHESRG_115KV_T4 355643	85.75 -6.60 0.00	84.17 -6.44 0.00	88.40 -7.39 0.00	95.83 -8.11 0.00	70.69 -5.72 -0.48	48.87 -3.68 0.00	54.86 -4.10 0.00	40.00 -3.38 0.00	38.46 -3.15 0.00	36.99 -3.27 0.00	51.74 -4.50 0.00	63.86 -5.46 0.00	72.50 -6.23 -0.01	77.41 -6.50 0.00	91.32 -7.74 0.00	107.44 -9.22 0.00	137.95 -11.90 0.00	180.18 -14.40 0.00	140.59 -11.64 0.00	96.08 -7.94 -0.39	106.52 -9.49 -2.00	135.62 -12.09 0.00	149.53 -11.47 0.00	91.73 -5.59 0.00
ROCHESTER_9_IC 23652	86.31 -6.04 0.00	84.71 -5.91 0.00	88.92 -6.87 0.00	96.41 -7.54 0.00	71.12 -5.30 -0.48	49.18 -3.37 0.00	55.21 -3.74 0.00	40.27 -3.11 0.00	38.72 -2.89 0.00	37.24 -3.02 0.00	52.09 -4.15 0.00	64.33 -4.99 0.00	73.02 -5.70 -0.01	78.00 -5.91 0.00	92.01 -7.05 0.00	108.28 -8.38 0.00	139.04 -10.81 0.00	181.64 -12.94 0.00	141.70 -10.53 0.00	96.81 -7.22 -0.39	107.27 -8.75 -2.00	136.55 -11.16 0.00	150.49 -10.52 0.00	92.28 -5.04 0.00
ROCKVIEW_13_KV_LD 356306	99.68 7.33 0.00	97.61 7.00 0.00	102.86 7.06 0.00	111.20 7.26 0.00	85.14 5.44 -3.77	56.43 3.88 0.00	63.07 4.11 0.00	46.51 3.13 0.00	44.66 3.05 0.00	43.37 3.11 0.00	60.81 4.57 0.00	74.77 5.45 0.00	84.78 6.07 0.00	90.37 6.47 0.00	106.83 7.76 0.00	125.89 9.23 0.00	162.65 12.12 -0.68	220.37 15.90 -9.89	184.48 12.93 -19.32	145.45 9.12 -32.70	163.20 9.94 -39.25	159.76 12.05 0.00	173.17 12.16 0.00	104.38 7.06 0.00
ROME____115KV_TB2 80656	94.40 2.06 0.00	92.74 2.13 0.00	97.83 2.04 0.00	106.22 2.27 0.00	77.85 1.73 -0.19	53.79 1.24 0.00	60.44 1.48 0.00	44.72 1.34 0.00	42.97 1.36 0.00	41.74 1.47 0.00	58.54 2.30 0.00	72.24 2.92 0.00	81.86 3.14 0.00	87.45 3.55 0.00	103.40 4.35 0.00	122.06 5.40 0.00	157.17 7.32 0.00	204.23 9.65 0.00	159.71 7.48 0.00	108.84 5.06 -0.15	119.91 5.12 -0.77	153.99 6.28 0.00	167.55 6.54 0.00	101.05 3.73 0.00
ROSETON___1 23587	98.48 6.14 0.00	96.48 5.86 0.00	101.72 5.92 0.00	110.05 6.10 0.00	84.23 4.58 -3.73	55.80 3.25 0.00	62.37 3.41 0.00	45.99 2.61 0.00	44.14 2.53 0.00	42.85 2.58 0.00	59.98 3.74 0.00	73.76 4.44 0.00	83.69 4.98 0.00	89.18 5.28 0.00	105.48 6.42 0.00	124.29 7.63 0.00	160.55 10.02 -0.68	217.55 13.18 -9.79	182.18 10.83 -19.12	143.62 7.62 -32.36	161.16 8.30 -38.84	157.72 10.02 0.00	171.08 10.08 0.00	103.20 5.88 0.00
ROSETON___2 23588	98.48 6.14 0.00	96.48 5.86 0.00	101.72 5.92 0.00	110.05 6.10 0.00	84.23 4.58 -3.73	55.80 3.25 0.00	62.37 3.41 0.00	45.99 2.61 0.00	44.14 2.53 0.00	42.85 2.58 0.00	59.98 3.74 0.00	73.76 4.44 0.00	83.69 4.98 0.00	89.18 5.28 0.00	105.48 6.42 0.00	124.29 7.63 0.00	160.55 10.02 -0.68	217.55 13.18 -9.79	182.18 10.83 -19.12	143.62 7.62 -32.36	161.16 8.30 -38.84	157.72 10.02 0.00	171.08 10.08 0.00	103.20 5.88 0.00
ROTRDAM_115KV_TB3 80664	95.79 3.44 0.00	94.01 3.40 0.00	99.32 3.52 0.00	107.78 3.83 0.00	83.94 2.87 -5.14	54.46 1.91 0.00	60.97 2.02 0.00	44.93 1.55 0.00	43.07 1.46 0.00	41.68 1.42 0.00	58.22 1.98 0.00	71.70 2.38 0.00	81.50 2.79 0.00	86.93 3.03 0.00	102.78 3.72 0.00	121.10 4.44 0.00	163.41 5.83 -7.72	314.12 7.77 -111.78	276.05 6.27 -117.55	276.80 4.38 -168.79	250.58 4.76 -131.80	153.47 5.76 0.00	166.92 5.91 0.00	100.90 3.58 0.00
RUSSELL___1 23602	86.83 -5.52 0.00	85.22 -5.39 0.00	89.47 -6.33 0.00	96.96 -6.99 0.00	71.51 -4.90 -0.48	49.46 -3.10 0.00	55.54 -3.41 0.00	40.51 -2.88 0.00	38.96 -2.65 0.00	37.48 -2.79 0.00	52.46 -3.78 0.00	64.78 -4.54 0.00	73.56 -5.17 -0.01	78.58 -5.33 0.00	92.70 -6.36 0.00	109.10 -7.57 0.00	140.13 -9.72 0.00	183.08 -11.50 0.00	142.81 -9.43 0.00	97.52 -6.51 -0.39	108.00 -8.02 -2.00	137.42 -10.29 0.00	151.37 -9.63 0.00	92.78 -4.54 0.00
RUSSELL___2 23532	86.83 -5.52 0.00	85.22 -5.39 0.00	89.47 -6.33 0.00	96.96 -6.99 0.00	71.51 -4.90 -0.48	49.46 -3.10 0.00	55.54 -3.41 0.00	40.51 -2.88 0.00	38.96 -2.65 0.00	37.48 -2.79 0.00	52.46 -3.78 0.00	64.78 -4.54 0.00	73.56 -5.17 -0.01	78.58 -5.33 0.00	92.70 -6.36 0.00	109.10 -7.57 0.00	140.13 -9.72 0.00	183.08 -11.50 0.00	142.81 -9.43 0.00	97.52 -6.51 -0.39	108.00 -8.02 -2.00	137.42 -10.29 0.00	151.37 -9.63 0.00	92.78 -4.54 0.00
RUSSELL___3 23549	86.83 -5.52 0.00	85.22 -5.39 0.00	89.47 -6.33 0.00	96.96 -6.99 0.00	71.51 -4.90 -0.48	49.46 -3.10 0.00	55.54 -3.41 0.00	40.51 -2.88 0.00	38.96 -2.65 0.00	37.48 -2.79 0.00	52.46 -3.78 0.00	64.78 -4.54 0.00	73.56 -5.17 -0.01	78.58 -5.33 0.00	92.70 -6.36 0.00	109.10 -7.57 0.00	140.13 -9.72 0.00	183.08 -11.50 0.00	142.81 -9.43 0.00	97.52 -6.51 -0.39	108.00 -8.02 -2.00	137.42 -10.29 0.00	151.37 -9.63 0.00	92.78 -4.54 0.00
RUSSELL___4 23556	86.83 -5.52 0.00	85.22 -5.39 0.00	89.47 -6.33 0.00	96.96 -6.99 0.00	71.51 -4.90 -0.48	49.46 -3.10 0.00	55.54 -3.41 0.00	40.51 -2.88 0.00	38.96 -2.65 0.00	37.48 -2.79 0.00	52.46 -3.78 0.00	64.78 -4.54 0.00	73.56 -5.17 -0.01	78.58 -5.33 0.00	92.70 -6.36 0.00	109.10 -7.57 0.00	140.13 -9.72 0.00	183.08 -11.50 0.00	142.81 -9.43 0.00	97.52 -6.51 -0.39	108.00 -8.02 -2.00	137.42 -10.29 0.00	151.37 -9.63 0.00	92.78 -4.54 0.00
RUSSELL___STATION 23914	86.83 -5.52 0.00	85.22 -5.39 0.00	89.47 -6.33 0.00	96.96 -6.99 0.00	71.51 -4.90 -0.48	49.46 -3.10 0.00	55.54 -3.41 0.00	40.51 -2.88 0.00	38.96 -2.65 0.00	37.48 -2.79 0.00	52.46 -3.78 0.00	64.78 -4.54 0.00	73.56 -5.17 -0.01	78.58 -5.33 0.00	92.70 -6.36 0.00	109.10 -7.57 0.00	140.13 -9.72 0.00	183.08 -11.50 0.00	142.81 -9.43 0.00	97.52 -6.51 -0.39	108.00 -8.02 -2.00	137.42 -10.29 0.00	151.37 -9.63 0.00	92.78 -4.54 0.00
S SALMON___HYD 24043	89.16 -3.19 0.00	87.47 -3.14 0.00	92.26 -3.53 0.00	100.12 -3.82 0.00	73.48 -2.73 -0.28	50.64 -1.92 0.00	56.84 -2.11 0.00	42.03 -1.36 0.00	40.38 -1.23 0.00	39.46 -0.81 0.00	55.48 -0.76 0.00	68.47 -0.85 0.00	77.66 -1.06 0.00	82.87 -1.04 0.00	97.81 -1.24 0.00	114.95 -1.71 0.00	147.99 -1.85 0.00	193.04 -1.54 0.00	151.03 -1.20 0.00	103.05 -0.81 -0.22	113.99 -1.16 -1.13	145.97 -1.74 0.00	158.91 -2.09 0.00	95.97 -1.36 0.00
S.PERRY__115KV_TB1 80734	168.47 -4.14 -80.26	165.79 -4.14 -79.32	172.82 -5.07 -82.10	187.34 -5.40 -88.79	145.55 -3.70 -73.32	108.01 -2.29 -57.74	118.14 -2.49 -61.67	104.03 -1.95 -62.59	92.20 -1.67 -52.26	91.19 -1.87 -52.80	115.98 -2.47 -62.21	133.45 -3.23 -67.36	149.29 -4.06 -74.65	157.12 -4.18 -77.40	177.39 -5.76 -84.09	173.59 -8.14 -65.07	142.80 -10.78 -3.73	200.49 -12.55 -18.47	150.58 -9.91 -8.26	102.75 -6.25 -5.37	113.21 -7.98 -7.18	138.09 -9.62 0.00	152.72 -8.29 0.00	97.23 -0.10 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	60.00 -10.34 22.00	58.84 -10.03 21.74	61.77 -11.52 22.50	67.03 -12.57 24.34	47.76 -8.89 19.28	30.99 -5.73 15.83	35.67 -6.39 16.90	20.73 -5.50 17.16	22.13 -5.15 14.32	20.46 -5.33 14.47	31.69 -7.50 17.05	41.80 -9.05 18.46	47.78 -10.37 20.57	51.83 -10.86 21.21	62.97 -13.04 23.05	83.41 -15.42 17.84	128.80 -20.02 1.02	165.12 -24.39 5.06	133.87 -19.46 -1.10	95.40 -13.12 -4.88	104.76 -15.48 -6.22	128.58 -19.13 0.00	143.48 -17.52 0.00	89.13 -8.20 0.00

SAWYER___23_KV_LOAD 55526	60.00 -10.34 22.00	58.84 -10.03 21.74	61.77 -11.52 22.50	67.03 -12.57 24.34	47.76 -8.89 19.28	30.99 -5.73 15.83	35.67 -6.39 16.90	20.73 -5.50 17.16	22.13 -5.15 14.32	20.46 -5.33 14.47	31.69 -7.50 17.05	41.80 -9.05 18.46	47.78 -10.37 20.57	51.83 -10.86 21.21	62.97 -13.04 23.05	83.41 -15.42 17.84	128.80 -20.02 1.02	165.12 -24.39 5.06	133.87 -19.46 -1.10	95.40 -13.12 -4.88	104.76 -15.48 -6.22	128.58 -19.13 0.00	143.48 -17.52 0.00	89.13 -8.20 0.00
SELKIRK___I 23801	96.23 3.89 0.00	94.51 3.90 0.00	99.88 4.09 0.00	108.52 4.58 0.00	84.17 3.40 -4.84	54.85 2.30 0.00	61.35 2.39 0.00	45.13 1.75 0.00	43.18 1.57 0.00	41.75 1.49 0.00	58.35 2.12 0.00	71.85 2.53 0.00	81.67 2.96 0.00	87.13 3.22 0.00	103.04 3.98 0.00	121.25 4.59 0.00	158.52 5.84 -2.83	243.12 7.60 -40.94	209.48 6.24 -51.01	185.66 4.35 -77.67	191.70 4.77 -72.91	153.58 5.88 0.00	167.07 6.06 0.00	101.27 3.95 0.00
SELKIRK___II 23799	96.01 3.66 0.00	94.27 3.66 0.00	99.58 3.79 0.00	108.13 4.18 0.00	83.98 3.14 -4.90	54.67 2.12 0.00	61.11 2.16 0.00	44.97 1.60 0.00	43.07 1.46 0.00	41.71 1.45 0.00	58.31 2.07 0.00	71.82 2.50 0.00	81.64 2.93 0.00	87.04 3.14 0.00	102.91 3.85 0.00	121.08 4.42 0.00	158.49 5.61 -3.03	245.71 7.28 -43.86	212.11 6.00 -53.88	189.52 4.20 -81.69	194.33 4.56 -75.76	153.29 5.58 0.00	166.70 5.69 0.00	100.98 3.66 0.00
SENECA OSWGO___HYD 24041	89.04 -3.31 0.00	87.31 -3.31 0.00	92.16 -3.63 0.00	100.00 -3.94 0.00	73.45 -2.80 -0.31	50.61 -1.94 0.00	56.80 -2.15 0.00	41.86 -1.52 0.00	40.20 -1.41 0.00	38.93 -1.33 0.00	54.41 -1.83 0.00	67.07 -2.25 0.00	76.14 -2.57 0.00	81.23 -2.67 0.00	95.95 -3.10 0.00	112.94 -3.72 0.00	145.04 -4.81 0.00	188.81 -5.77 0.00	147.73 -4.50 0.00	100.81 -3.08 -0.25	111.61 -3.67 -1.27	142.74 -4.96 0.00	155.64 -5.36 0.00	94.22 -3.10 0.00
SENECA___115KV_TB3 355854	60.25 -9.08 23.01	59.11 -8.76 22.74	62.15 -10.11 23.54	67.41 -11.08 25.46	48.00 -7.76 20.17	31.02 -4.98 16.56	35.73 -5.55 17.68	20.64 -4.82 17.91	22.17 -4.47 14.97	20.51 -4.62 15.14	31.92 -6.50 17.81	42.19 -7.82 19.31	48.22 -8.99 21.50	52.36 -9.35 22.19	63.70 -11.25 24.11	84.81 -13.20 18.66	131.61 -17.17 1.07	168.68 -20.60 5.30	136.89 -16.51 -1.16	97.73 -11.02 -5.12	107.44 -13.16 -6.58	131.65 -16.06 0.00	146.67 -14.34 0.00	90.96 -6.37 0.00
SENECA___ENERGY 23797	94.13 -3.63 -5.42	92.37 -3.59 -5.35	97.20 -4.13 -5.54	105.54 -4.40 -5.99	78.22 -3.12 -5.41	54.52 -1.93 -3.90	60.90 -2.22 -4.16	46.07 -1.54 -4.22	43.71 -1.43 -3.53	42.39 -1.43 -3.56	58.51 -1.93 -4.20	71.38 -2.49 -4.55	80.68 -3.07 -5.04	85.96 -3.17 -5.22	101.02 -3.71 -5.67	116.73 -4.32 -4.39	144.75 -5.35 -0.25	189.63 -6.19 -1.25	149.82 -4.85 -2.43	104.27 -3.26 -3.90	115.36 -3.98 -5.33	142.45 -5.25 0.00	155.89 -5.12 0.00	94.82 -2.51 0.00
SHOEMAKER___GT 23640	97.56 5.21 0.00	95.61 5.00 0.00	100.81 5.01 0.00	109.15 5.21 0.00	83.28 3.91 -3.44	55.32 2.77 0.00	61.84 2.88 0.00	45.62 2.24 0.00	43.78 2.17 0.00	42.47 2.21 0.00	59.44 3.21 0.00	73.07 3.75 0.00	82.90 4.19 0.00	88.28 4.37 0.00	104.43 5.37 0.00	123.16 6.50 0.00	159.10 8.62 -0.63	215.07 11.39 -9.10	179.35 9.40 -17.72	140.25 6.65 -29.96	157.11 7.19 -35.91	156.38 8.67 0.00	169.78 8.78 0.00	102.43 5.11 0.00
SHOEMAKR_138KV_BK 111 55601	97.54 5.20 0.00	95.58 4.96 0.00	100.80 5.01 0.00	109.13 5.19 0.00	83.25 3.90 -3.42	55.31 2.76 0.00	61.82 2.87 0.00	45.60 2.23 0.00	43.76 2.16 0.00	42.46 2.19 0.00	59.43 3.19 0.00	73.08 3.75 0.00	82.91 4.20 0.00	88.29 4.39 0.00	104.45 5.39 0.00	123.12 6.46 0.00	159.02 8.55 -0.62	214.97 11.36 -9.04	179.17 9.35 -17.60	139.99 6.59 -29.76	156.83 7.14 -35.67	156.30 8.60 0.00	169.69 8.68 0.00	102.39 5.07 0.00
SHOREHAM_IC_1 23715	103.06 10.71 0.00	100.52 9.91 0.00	105.66 9.86 0.00	114.11 10.16 0.00	87.23 7.53 -3.77	57.83 5.28 0.00	64.76 5.81 0.00	47.94 4.56 0.00	46.04 4.43 0.00	44.59 4.33 0.00	62.19 5.95 0.00	75.98 6.67 0.00	86.42 7.70 0.00	92.71 8.81 0.00	109.51 10.45 0.00	130.00 13.33 0.00	167.93 17.40 -0.68	224.32 19.85 -9.89	188.69 17.13 -19.32	149.71 13.37 -32.71	167.75 14.48 -39.26	165.51 17.80 0.00	178.74 17.73 0.00	107.54 10.21 0.00
SHOREHAM_IC_2 23716	103.06 10.71 0.00	100.52 9.91 0.00	105.66 9.86 0.00	114.11 10.16 0.00	87.23 7.53 -3.77	57.83 5.28 0.00	64.76 5.81 0.00	47.94 4.56 0.00	46.04 4.43 0.00	44.59 4.33 0.00	62.19 5.95 0.00	75.98 6.67 0.00	86.42 7.70 0.00	92.71 8.81 0.00	109.51 10.45 0.00	130.00 13.33 0.00	167.93 17.40 -0.68	224.32 19.85 -9.89	188.69 17.13 -19.32	149.71 13.37 -32.71	167.75 14.48 -39.26	165.51 17.80 0.00	178.74 17.73 0.00	107.54 10.21 0.00
SISSONVILLE____ 23735	89.69 -2.66 0.00	88.04 -2.57 0.00	93.45 -2.34 0.00	101.35 -2.60 0.00	73.85 -2.08 0.00	51.16 -1.39 0.00	57.77 -1.19 0.00	42.42 -0.96 0.00	40.73 -0.88 0.00	39.48 -0.79 0.00	55.05 -1.19 0.00	68.04 -1.28 0.00	77.24 -1.47 0.00	82.20 -1.70 0.00	96.62 -2.44 0.00	114.00 -2.66 0.00	146.74 -3.11 0.00	190.50 -4.08 0.00	148.62 -3.61 0.00	101.06 -2.57 0.00	111.48 -2.54 0.00	144.56 -3.14 0.00	157.80 -3.21 0.00	94.92 -2.40 0.00
SITHE_IND_GS1 24169	88.19 -4.15 0.00	86.54 -4.08 0.00	91.38 -4.42 0.00	99.17 -4.78 0.00	72.75 -3.43 -0.24	50.21 -2.35 0.00	56.31 -2.65 0.00	41.45 -1.93 0.00	39.77 -1.84 0.00	38.49 -1.78 0.00	53.78 -2.46 0.00	66.29 -3.02 0.00	75.27 -3.45 0.00	80.28 -3.62 0.00	94.80 -4.26 0.00	111.62 -5.04 0.00	143.41 -6.44 0.00	186.49 -8.09 0.00	145.93 -6.30 0.00	99.57 -4.27 -0.20	110.12 -4.90 -1.01	141.27 -6.44 0.00	154.15 -6.85 0.00	93.35 -3.98 0.00
SITHE_IND_GS2 24170	88.19 -4.15 0.00	86.54 -4.08 0.00	91.38 -4.42 0.00	99.17 -4.78 0.00	72.75 -3.43 -0.24	50.21 -2.35 0.00	56.31 -2.65 0.00	41.45 -1.93 0.00	39.77 -1.84 0.00	38.49 -1.78 0.00	53.78 -2.46 0.00	66.29 -3.02 0.00	75.27 -3.45 0.00	80.28 -3.62 0.00	94.80 -4.26 0.00	111.62 -5.04 0.00	143.41 -6.44 0.00	186.49 -8.09 0.00	145.93 -6.30 0.00	99.57 -4.27 -0.20	110.12 -4.90 -1.01	141.27 -6.44 0.00	154.15 -6.85 0.00	93.35 -3.98 0.00
SITHE_IND_GS3 24171	88.19 -4.15 0.00	86.54 -4.08 0.00	91.38 -4.42 0.00	99.17 -4.78 0.00	72.75 -3.43 -0.24	50.21 -2.35 0.00	56.31 -2.65 0.00	41.45 -1.93 0.00	39.77 -1.84 0.00	38.49 -1.78 0.00	53.78 -2.46 0.00	66.29 -3.02 0.00	75.27 -3.45 0.00	80.28 -3.62 0.00	94.80 -4.26 0.00	111.62 -5.04 0.00	143.41 -6.44 0.00	186.49 -8.09 0.00	145.93 -6.30 0.00	99.57 -4.27 -0.20	110.12 -4.90 -1.01	141.27 -6.44 0.00	154.15 -6.85 0.00	93.35 -3.98 0.00
SITHE_IND_GS4 24172	88.19 -4.15 0.00	86.54 -4.08 0.00	91.38 -4.42 0.00	99.17 -4.78 0.00	72.75 -3.43 -0.24	50.21 -2.35 0.00	56.31 -2.65 0.00	41.45 -1.93 0.00	39.77 -1.84 0.00	38.49 -1.78 0.00	53.78 -2.46 0.00	66.29 -3.02 0.00	75.27 -3.45 0.00	80.28 -3.62 0.00	94.80 -4.26 0.00	111.62 -5.04 0.00	143.41 -6.44 0.00	186.49 -8.09 0.00	145.93 -6.30 0.00	99.57 -4.27 -0.20	110.12 -4.90 -1.01	141.27 -6.44 0.00	154.15 -6.85 0.00	93.35 -3.98 0.00

SITHE___BATAVIA 24024	74.27 -6.79 11.29	72.80 -6.65 11.15	76.39 -7.86 11.55	82.79 -8.67 12.49	60.25 -6.02 9.66	40.66 -3.77 8.12	46.18 -4.10 8.67	31.01 -3.62 8.75	30.94 -3.35 7.32	29.09 -3.75 7.42	42.15 -5.37 8.71	53.39 -6.46 9.47	60.84 -7.33 10.55	65.59 -7.43 10.89	78.41 -8.82 11.82	97.12 -10.39 9.15	135.67 -13.65 0.52	176.20 -15.78 2.60	140.58 -13.15 -1.50	98.86 -9.03 -4.25	108.49 -11.15 -5.62	133.85 -13.86 0.00	148.47 -12.54 0.00	91.73 -5.59 0.00
SITHE___INDEPEND 23800	88.19 -4.15 0.00	86.53 -4.09 0.00	91.34 -4.45 0.00	99.17 -4.78 0.00	72.74 -3.45 -0.24	50.21 -2.35 0.00	56.30 -2.66 0.00	41.45 -1.93 0.00	39.78 -1.83 0.00	38.49 -1.78 0.00	53.78 -2.46 0.00	66.28 -3.04 0.00	75.25 -3.46 0.00	80.25 -3.66 0.00	94.80 -4.26 0.00	111.60 -5.06 0.00	143.41 -6.44 0.00	186.49 -8.09 0.00	145.94 -6.30 0.00	99.56 -4.27 -0.20	110.11 -4.91 -1.01	141.27 -6.44 0.00	154.15 -6.86 0.00	93.35 -3.98 0.00
SITHE___MASSENA 23902	92.26 -0.08 0.00	90.52 -0.10 0.00	96.08 0.28 0.00	104.22 0.27 0.00	75.96 0.02 0.00	52.62 0.07 0.00	59.31 0.35 0.00	43.49 0.11 0.00	41.73 0.12 0.00	40.33 0.07 0.00	56.15 -0.09 0.00	69.34 0.02 0.00	78.74 0.03 0.00	83.79 -0.11 0.00	98.59 -0.47 0.00	116.21 -0.45 0.00	149.29 -0.55 0.00	193.48 -1.10 0.00	150.94 -1.29 0.00	102.68 -0.96 0.00	113.31 -0.71 0.00	147.05 -0.65 0.00	160.76 -0.25 0.00	96.88 -0.44 0.00
SITHE___OGDNSBRG 24021	92.80 0.46 0.00	91.02 0.41 0.00	96.61 0.81 0.00	104.74 0.79 0.00	76.34 0.40 0.00	52.92 0.36 0.00	59.76 0.80 0.00	43.87 0.49 0.00	42.14 0.53 0.00	40.76 0.50 0.00	56.69 0.45 0.00	69.98 0.66 0.00	79.42 0.70 0.00	84.52 0.62 0.00	99.06 0.01 0.00	116.96 0.30 0.00	151.09 1.24 0.00	196.24 1.66 0.00	153.02 0.78 0.00	104.03 0.39 0.00	114.71 0.69 0.00	148.73 1.03 0.00	162.41 1.41 0.00	97.70 0.38 0.00
SITHE___STERLING 23777	93.82 1.47 0.00	92.25 1.64 0.00	97.32 1.53 0.00	105.70 1.75 0.00	77.52 1.36 -0.22	53.53 0.98 0.00	60.07 1.11 0.00	44.38 1.00 0.00	42.64 1.03 0.00	41.34 1.08 0.00	57.89 1.66 0.00	71.41 2.09 0.00	80.84 2.13 0.00	86.40 2.50 0.00	102.19 3.13 0.00	120.58 3.92 0.00	155.09 5.24 0.00	201.33 6.75 0.00	157.45 5.21 0.00	107.38 3.56 -0.18	118.50 3.57 -0.91	152.08 4.37 0.00	165.60 4.59 0.00	99.98 2.66 0.00
SLEIGHT__34_KV_TB1 80719	87.81 -4.54 0.00	86.15 -4.46 0.00	90.51 -5.28 0.00	98.28 -5.67 0.00	72.41 -3.99 -0.47	50.03 -2.53 0.00	56.14 -2.82 0.00	41.16 -2.22 0.00	39.56 -2.06 0.00	38.18 -2.08 0.00	53.43 -2.82 0.00	65.89 -3.43 0.00	74.79 -3.93 -0.01	79.78 -4.12 0.00	94.21 -4.85 0.00	110.96 -5.70 0.00	142.62 -7.23 0.00	186.12 -8.46 0.00	145.41 -6.83 0.00	99.24 -4.78 -0.38	110.06 -5.90 -1.94	140.04 -7.66 0.00	153.63 -7.37 0.00	93.65 -3.67 0.00
SOUTH CAIRO___GT 23612	101.02 8.68 0.00	99.12 8.50 0.00	104.66 8.86 0.00	113.70 9.76 0.00	87.80 7.23 -4.63	57.53 4.97 0.00	64.38 5.42 0.00	47.42 4.04 0.00	45.49 3.88 0.00	43.89 3.63 0.00	61.23 4.99 0.00	75.55 6.23 0.00	85.84 7.13 0.00	91.47 7.57 0.00	108.72 9.66 0.00	128.29 11.63 0.00	168.00 15.44 -2.71	254.08 20.32 -39.18	217.03 15.97 -48.83	188.60 10.60 -74.36	195.08 11.26 -69.81	161.81 14.10 0.00	175.64 14.63 0.00	106.45 9.13 0.00
SOUTH HAMPTN___IC 23720	103.07 10.73 0.00	100.51 9.89 0.00	105.68 9.89 0.00	114.13 10.18 0.00	87.25 7.55 -3.77	57.86 5.31 0.00	64.82 5.86 0.00	47.98 4.60 0.00	46.06 4.45 0.00	44.60 4.33 0.00	62.17 5.93 0.00	75.95 6.64 0.00	86.39 7.68 0.00	92.65 8.75 0.00	109.53 10.47 0.00	130.04 13.38 0.00	168.02 17.49 -0.68	224.16 19.69 -9.89	188.69 17.14 -19.32	149.90 13.56 -32.71	167.93 14.66 -39.26	165.67 17.96 0.00	178.89 17.88 0.00	107.60 10.28 0.00
SOUTHDOW_115KV_TB1 355954	73.61 -6.09 12.64	72.25 -5.87 12.50	75.96 -6.90 12.94	82.41 -7.55 13.99	59.86 -5.34 10.74	40.11 -3.35 9.10	45.76 -3.48 9.72	30.22 -3.32 9.84	30.46 -2.92 8.22	29.08 -2.87 8.32	42.65 -3.80 9.79	54.45 -4.26 10.61	61.72 -5.15 11.85	66.43 -5.28 12.20	79.60 -6.21 13.25	99.27 -7.13 10.25	140.04 -9.22 0.59	181.99 -9.67 2.91	146.47 -7.86 -2.09	104.22 -4.97 -5.56	114.61 -6.59 -7.19	140.17 -7.54 0.00	155.71 -5.30 0.00	95.87 -1.45 0.00
SOUTHOLD_69_KV_BK 2 55809	102.76 10.42 0.00	100.11 9.50 0.00	105.28 9.48 0.00	113.77 9.82 0.00	86.96 7.26 -3.77	57.65 5.10 0.00	64.64 5.69 0.00	47.87 4.48 0.00	45.96 4.35 0.00	44.49 4.22 0.00	61.92 5.68 0.00	75.60 6.28 0.00	85.97 7.26 0.00	92.27 8.37 0.00	109.12 10.06 0.00	129.66 13.00 0.00	167.35 16.81 -0.68	219.81 15.34 -9.89	186.12 14.56 -19.32	149.76 13.42 -32.71	167.73 14.45 -39.26	165.33 17.62 0.00	178.37 17.36 0.00	107.25 9.93 0.00
SOUTHOLD___IC 23719	102.76 10.42 0.00	100.11 9.50 0.00	105.28 9.49 0.00	113.73 9.79 0.00	86.95 7.24 -3.77	57.65 5.10 0.00	64.64 5.68 0.00	47.86 4.48 0.00	45.95 4.34 0.00	44.47 4.20 0.00	61.91 5.67 0.00	75.56 6.24 0.00	85.97 7.26 0.00	92.24 8.34 0.00	109.11 10.05 0.00	129.63 12.97 0.00	167.32 16.79 -0.68	219.80 15.32 -9.89	186.14 14.58 -19.32	149.77 13.43 -32.71	167.72 14.44 -39.26	165.32 17.62 0.00	178.40 17.39 0.00	107.25 9.93 0.00
SOUTH_FORK_WT_PWR 323839	101.52 9.18 0.00	98.91 8.30 0.00	104.03 8.24 0.00	112.33 8.38 0.00	85.95 6.25 -3.77	56.94 4.39 0.00	63.86 4.90 0.00	47.29 3.91 0.00	45.39 3.78 0.00	43.92 3.65 0.00	61.14 4.90 0.00	74.60 5.28 0.00	84.85 6.14 0.00	91.05 7.14 0.00	107.76 8.70 0.00	128.06 11.40 0.00	165.50 14.97 -0.68	219.05 14.58 -9.89	185.16 13.60 -19.32	148.40 12.06 -32.71	166.26 12.98 -39.26	163.47 15.76 0.00	176.28 15.27 0.00	105.99 8.67 0.00
SPIERFLS_115KV_TB 1 80737	99.29 6.95 0.00	97.39 6.77 0.00	102.65 6.86 0.00	111.18 7.24 0.00	86.41 5.39 -5.09	56.27 3.72 0.00	63.15 4.19 0.00	46.65 3.26 0.00	44.74 3.13 0.00	43.30 3.03 0.00	60.42 4.18 0.00	74.36 5.04 0.00	84.74 6.03 0.00	90.33 6.43 0.00	107.07 8.01 0.00	126.28 9.62 0.00	169.66 12.66 -7.15	314.83 16.81 -103.44	275.48 13.54 -109.72	271.01 9.32 -158.05	248.87 10.05 -124.81	159.97 12.27 0.00	173.25 12.25 0.00	104.46 7.14 0.00
ST LAWRENCE____ 23600	91.73 -0.62 0.00	90.02 -0.59 0.00	95.52 -0.28 0.00	103.60 -0.34 0.00	75.54 -0.39 0.00	52.31 -0.25 0.00	58.93 -0.03 0.00	43.20 -0.18 0.00	41.44 -0.17 0.00	40.04 -0.23 0.00	55.76 -0.48 0.00	68.84 -0.48 0.00	78.18 -0.53 0.00	83.22 -0.68 0.00	97.97 -1.09 0.00	115.48 -1.18 0.00	148.32 -1.53 0.00	192.03 -2.55 0.00	149.88 -2.36 0.00	101.95 -1.68 0.00	112.46 -1.55 0.00	146.04 -1.67 0.00	159.63 -1.38 0.00	96.27 -1.06 0.00
STATE_CA_115KV_115_LB 55624	96.66 4.32 0.00	94.89 4.28 0.00	100.23 4.43 0.00	108.81 4.86 0.00	84.56 3.65 -4.98	55.04 2.49 0.00	61.56 2.60 0.00	45.30 1.92 0.00	43.35 1.74 0.00	42.00 1.74 0.00	58.74 2.51 0.00	72.38 3.06 0.00	82.31 3.60 0.00	87.76 3.86 0.00	103.77 4.71 0.00	122.06 5.40 0.00	161.52 6.89 -4.78	272.81 9.05 -69.19	237.16 7.32 -77.61	222.84 5.08 -114.13	216.11 5.52 -96.58	154.42 6.71 0.00	167.85 6.85 0.00	101.70 4.38 0.00

STATE_ST_34_KV_LOAD 55959	91.02 -1.33 0.00	89.31 -1.30 0.00	94.06 -1.73 0.00	102.21 -1.74 0.00	75.14 -1.29 -0.50	51.86 -0.69 0.00	58.10 -0.85 0.00	42.87 -0.51 0.00	41.04 -0.57 0.00	39.78 -0.48 0.00	55.65 -0.59 0.00	68.53 -0.80 0.00	77.75 -0.96 0.00	82.84 -1.06 0.00	97.86 -1.20 0.00	115.51 -1.15 0.00	148.70 -1.15 0.00	193.56 -1.02 0.00	153.65 -0.63 -2.04	106.74 -0.76 -3.86	118.31 -0.97 -5.26	146.32 -1.39 0.00	159.69 -1.32 0.00	96.78 -0.54 0.00
STATION_5_MISC_HYD 23604	86.33 -6.01 0.00	84.75 -5.86 0.00	89.01 -6.79 0.00	96.50 -7.45 0.00	71.19 -5.23 -0.48	49.22 -3.34 0.00	55.25 -3.70 0.00	40.30 -3.08 0.00	38.73 -2.87 0.00	37.28 -2.99 0.00	52.15 -4.09 0.00	64.43 -4.89 0.00	73.13 -5.59 -0.01	78.11 -5.79 0.00	92.09 -6.96 0.00	108.38 -8.28 0.00	139.05 -10.80 0.00	181.77 -12.81 0.00	141.70 -10.54 0.00	96.83 -7.19 -0.39	107.24 -8.77 -2.00	136.55 -11.16 0.00	150.48 -10.53 0.00	92.28 -5.04 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	88.49 -3.85 0.00	86.84 -3.78 0.00	91.28 -4.51 0.00	99.07 -4.88 0.00	73.04 -3.37 -0.48	50.49 -2.07 0.00	56.66 -2.29 0.00	41.58 -1.80 0.00	39.98 -1.63 0.00	38.53 -1.74 0.00	53.93 -2.31 0.00	66.48 -2.84 0.00	75.36 -3.36 -0.01	80.45 -3.46 0.00	94.98 -4.09 0.00	111.86 -4.81 0.00	143.82 -6.03 0.00	187.65 -6.92 0.00	146.57 -5.66 0.00	100.19 -3.84 -0.39	111.06 -4.94 -1.98	141.21 -6.50 0.00	155.06 -5.95 0.00	94.59 -2.73 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	86.11 -6.23 0.00	84.52 -6.09 0.00	88.77 -7.03 0.00	96.25 -7.69 0.00	71.00 -5.41 -0.48	49.08 -3.48 0.00	55.10 -3.85 0.00	40.22 -3.16 0.00	38.67 -2.94 0.00	37.21 -3.05 0.00	52.06 -4.17 0.00	64.27 -5.05 0.00	72.96 -5.76 -0.01	77.92 -5.99 0.00	91.92 -7.13 0.00	108.19 -8.47 0.00	138.96 -10.88 0.00	181.46 -13.12 0.00	141.62 -10.61 0.00	96.77 -7.25 -0.39	107.21 -8.79 -1.98	136.45 -11.26 0.00	150.26 -10.74 0.00	92.02 -5.30 0.00
STA_56___34_KV_BUS2 355983	86.11 -6.23 0.00	84.52 -6.09 0.00	88.77 -7.03 0.00	96.25 -7.69 0.00	71.00 -5.41 -0.48	49.08 -3.48 0.00	55.10 -3.85 0.00	40.22 -3.16 0.00	38.67 -2.94 0.00	37.21 -3.05 0.00	52.06 -4.17 0.00	64.27 -5.05 0.00	72.96 -5.76 -0.01	77.92 -5.99 0.00	91.92 -7.13 0.00	108.19 -8.47 0.00	138.96 -10.88 0.00	181.46 -13.12 0.00	141.62 -10.61 0.00	96.77 -7.25 -0.39	107.21 -8.79 -1.98	136.45 -11.26 0.00	150.26 -10.74 0.00	92.02 -5.30 0.00
STA_67___115KV_BK2 355882	86.05 -6.29 0.00	84.50 -6.11 0.00	88.72 -7.07 0.00	96.19 -7.76 0.00	70.95 -5.46 -0.48	49.06 -3.50 0.00	55.07 -3.89 0.00	40.16 -3.22 0.00	38.62 -2.99 0.00	37.15 -3.12 0.00	51.95 -4.29 0.00	64.13 -5.19 0.00	72.81 -5.91 -0.01	77.76 -6.15 0.00	91.73 -7.33 0.00	107.95 -8.71 0.00	138.60 -11.24 0.00	181.04 -13.54 0.00	141.25 -10.98 0.00	96.55 -7.47 -0.39	106.96 -9.05 -2.00	136.18 -11.53 0.00	150.07 -10.94 0.00	92.05 -5.27 0.00
STA_7___115KV_9TRANS 80674	86.83 -5.52 0.00	85.22 -5.39 0.00	89.47 -6.33 0.00	96.96 -6.99 0.00	71.51 -4.90 -0.48	49.46 -3.10 0.00	55.54 -3.41 0.00	40.51 -2.88 0.00	38.96 -2.65 0.00	37.48 -2.79 0.00	52.46 -3.78 0.00	64.78 -4.54 0.00	73.56 -5.17 -0.01	78.58 -5.33 0.00	92.70 -6.36 0.00	109.10 -7.57 0.00	140.13 -9.72 0.00	183.08 -11.50 0.00	142.81 -9.43 0.00	97.52 -6.51 -0.39	108.00 -8.02 -2.00	137.42 -10.29 0.00	151.37 -9.63 0.00	92.78 -4.54 0.00
STA_82___115KV_TB1 80780	86.12 -6.22 0.00	84.53 -6.09 0.00	88.73 -7.06 0.00	96.21 -7.73 0.00	70.98 -5.43 -0.48	49.08 -3.48 0.00	55.12 -3.84 0.00	40.19 -3.19 0.00	38.64 -2.97 0.00	37.17 -3.10 0.00	51.97 -4.27 0.00	64.16 -5.16 0.00	72.85 -5.87 -0.01	77.79 -6.12 0.00	91.76 -7.30 0.00	107.99 -8.67 0.00	138.67 -11.18 0.00	181.14 -13.44 0.00	141.34 -10.89 0.00	96.57 -7.46 -0.39	107.02 -8.99 -2.00	136.23 -11.47 0.00	150.16 -10.84 0.00	92.12 -5.21 0.00
STEEL___WIND 323596	60.13 -9.20 23.01	59.03 -8.84 22.74	62.15 -10.10 23.54	67.38 -11.11 25.46	47.99 -7.77 20.17	30.96 -5.04 16.56	35.66 -5.61 17.68	20.67 -4.79 17.91	22.21 -4.43 14.97	20.48 -4.65 15.14	32.01 -6.42 17.81	42.27 -7.74 19.31	48.25 -8.96 21.50	52.36 -9.35 22.19	63.64 -11.30 24.11	84.76 -13.24 18.66	131.37 -17.41 1.07	168.60 -20.68 5.30	136.60 -16.79 -1.16	97.66 -11.09 -5.12	107.16 -13.44 -6.58	131.44 -16.26 0.00	146.38 -14.62 0.00	90.87 -6.45 0.00
STEPHTWN_115KV_BK_2 55603	97.78 5.43 0.00	95.85 5.24 0.00	101.21 5.42 0.00	109.98 6.03 0.00	85.29 4.43 -4.93	55.62 3.07 0.00	62.25 3.29 0.00	45.76 2.38 0.00	43.78 2.17 0.00	42.43 2.16 0.00	59.46 3.22 0.00	73.26 3.95 0.00	83.25 4.53 0.00	88.76 4.86 0.00	105.08 6.02 0.00	123.63 6.97 0.00	162.47 8.80 -3.81	261.47 11.71 -55.18	226.04 9.34 -64.47	206.30 6.51 -96.16	206.03 7.01 -85.01	156.18 8.47 0.00	169.63 8.62 0.00	102.70 5.38 0.00
STEUBEN_REC_LFGE 323667	138.58 -8.71 -54.94	136.26 -8.66 -54.31	142.22 -9.78 -56.20	154.47 -10.26 -60.79	119.30 -7.23 -50.59	87.19 -4.90 -39.53	95.66 -5.52 -42.22	82.23 -4.01 -42.86	73.74 -3.65 -35.78	72.86 -3.55 -36.15	94.07 -4.76 -42.59	109.07 -6.37 -46.12	122.04 -7.76 -51.08	129.54 -7.35 -52.99	147.88 -8.76 -57.57	151.66 -9.56 -44.55	141.71 -10.87 -2.74	195.95 -13.97 -15.34	150.53 -10.24 -8.54	105.54 -6.15 -8.05	115.77 -7.43 -9.19	139.82 -7.89 0.00	155.62 -5.39 0.00	95.85 -1.47 0.00
STILLWATER___SOLAR 323814	98.18 5.83 0.00	96.33 5.72 0.00	101.67 5.87 0.00	110.19 6.24 0.00	85.67 4.68 -5.06	55.76 3.21 0.00	62.49 3.54 0.00	46.10 2.72 0.00	44.16 2.55 0.00	42.72 2.45 0.00	59.66 3.42 0.00	73.48 4.16 0.00	83.66 4.94 0.00	89.17 5.27 0.00	105.57 6.52 0.00	124.45 7.79 0.00	166.89 10.18 -6.86	307.30 13.46 -99.26	268.81 10.79 -105.79	263.78 7.47 -152.67	243.37 8.06 -121.30	157.56 9.85 0.00	170.97 9.96 0.00	103.28 5.96 0.00
STONY___BROOK 24151	102.67 10.32 0.00	100.16 9.55 0.00	105.31 9.52 0.00	113.71 9.76 0.00	86.94 7.24 -3.77	57.62 5.07 0.00	64.52 5.56 0.00	47.73 4.35 0.00	45.87 4.26 0.00	44.47 4.21 0.00	62.14 5.90 0.00	76.02 6.70 0.00	86.43 7.72 0.00	92.59 8.68 0.00	109.32 10.26 0.00	129.57 12.91 0.00	167.17 16.63 -0.68	224.22 19.75 -9.89	188.46 16.90 -19.32	149.07 12.73 -32.71	167.14 13.86 -39.26	164.76 17.06 0.00	177.97 16.96 0.00	107.18 9.86 0.00
STURGEON_POOL_HYD 23609	102.31 9.96 0.00	100.12 9.50 0.00	105.44 9.65 0.00	114.09 10.14 0.00	87.32 7.53 -3.86	57.89 5.33 0.00	64.75 5.80 0.00	47.83 4.45 0.00	46.00 4.39 0.00	44.64 4.37 0.00	62.39 6.16 0.00	76.81 7.49 0.00	87.25 8.54 0.00	93.05 9.15 0.00	110.18 11.12 0.00	130.04 13.38 0.00	168.84 17.81 -1.18	235.81 24.09 -17.14	197.77 19.23 -26.31	159.23 13.21 -42.38	173.98 14.13 -45.83	164.89 17.18 0.00	178.41 17.40 0.00	107.34 10.02 0.00
ST_LAW_115_BK7_LBMP 345037	91.70 -0.64 0.00	89.97 -0.64 0.00	95.49 -0.30 0.00	103.57 -0.38 0.00	75.50 -0.43 0.00	52.30 -0.25 0.00	58.93 -0.03 0.00	43.20 -0.18 0.00	41.44 -0.17 0.00	40.04 -0.23 0.00	55.74 -0.49 0.00	68.81 -0.51 0.00	78.15 -0.56 0.00	83.19 -0.72 0.00	97.93 -1.13 0.00	115.41 -1.25 0.00	148.23 -1.61 0.00	191.91 -2.66 0.00	149.72 -2.51 0.00	101.85 -1.79 0.00	112.38 -1.63 0.00	145.96 -1.75 0.00	159.51 -1.50 0.00	96.17 -1.15 0.00

ST_LAW_115_BK8_LBMP 345038	91.70 -0.64 0.00	89.97 -0.64 0.00	95.49 -0.30 0.00	103.57 -0.38 0.00	75.50 -0.43 0.00	52.30 -0.25 0.00	58.93 -0.03 0.00	43.20 -0.18 0.00	41.44 -0.17 0.00	40.04 -0.23 0.00	55.74 -0.49 0.00	68.81 -0.51 0.00	78.15 -0.56 0.00	83.19 -0.72 0.00	97.93 -1.13 0.00	115.41 -1.25 0.00	148.23 -1.61 0.00	191.91 -2.66 0.00	149.72 -2.51 0.00	101.85 -1.79 0.00	112.38 -1.63 0.00	145.96 -1.75 0.00	159.51 -1.50 0.00	96.17 -1.15 0.00
ST_LAW_230_BK5_LBMP 345035	91.73 -0.62 0.00	90.02 -0.59 0.00	95.52 -0.28 0.00	103.60 -0.34 0.00	75.54 -0.39 0.00	52.31 -0.25 0.00	58.93 -0.03 0.00	43.20 -0.18 0.00	41.44 -0.17 0.00	40.04 -0.23 0.00	55.76 -0.48 0.00	68.84 -0.48 0.00	78.18 -0.53 0.00	83.22 -0.68 0.00	97.97 -1.09 0.00	115.48 -1.18 0.00	148.32 -1.53 0.00	192.03 -2.55 0.00	149.88 -2.36 0.00	101.95 -1.68 0.00	112.46 -1.55 0.00	146.04 -1.67 0.00	159.63 -1.38 0.00	96.27 -1.06 0.00
ST_LAW_230_BK6_LBMP 345036	91.73 -0.62 0.00	90.02 -0.59 0.00	95.52 -0.28 0.00	103.60 -0.34 0.00	75.54 -0.39 0.00	52.31 -0.25 0.00	58.93 -0.03 0.00	43.20 -0.18 0.00	41.44 -0.17 0.00	40.04 -0.23 0.00	55.76 -0.48 0.00	68.84 -0.48 0.00	78.18 -0.53 0.00	83.22 -0.68 0.00	97.97 -1.09 0.00	115.48 -1.18 0.00	148.32 -1.53 0.00	192.03 -2.55 0.00	149.88 -2.36 0.00	101.95 -1.68 0.00	112.46 -1.55 0.00	146.04 -1.67 0.00	159.63 -1.38 0.00	96.27 -1.06 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	98.11 5.77 0.00	96.12 5.51 0.00	101.36 5.57 0.00	109.68 5.73 0.00	83.76 4.31 -3.51	55.63 3.07 0.00	62.15 3.20 0.00	45.83 2.45 0.00	43.98 2.37 0.00	42.68 2.42 0.00	59.78 3.54 0.00	73.53 4.20 0.00	83.37 4.65 0.00	88.84 4.94 0.00	105.05 5.99 0.00	123.84 7.18 0.00	159.99 9.50 -0.64	216.60 12.70 -9.31	180.71 10.37 -18.11	141.58 7.31 -30.63	158.64 7.92 -36.71	157.25 9.55 0.00	170.64 9.63 0.00	102.91 5.59 0.00
SWANROAD_115KV_TB1 355699	63.24 -11.76 17.35	61.99 -11.48 17.15	64.97 -13.08 17.75	70.44 -14.31 19.20	50.74 -10.09 15.10	33.54 -6.53 12.48	38.36 -7.26 13.33	23.73 -6.26 13.39	24.48 -5.91 11.22	22.68 -6.18 11.41	34.14 -8.74 13.36	44.16 -10.60 14.56	50.40 -12.08 16.23	54.46 -12.71 16.73	65.51 -15.36 18.18	84.07 -18.53 14.07	124.50 -24.54 0.81	160.31 -30.28 3.99	129.49 -24.06 -1.32	91.80 -16.52 -4.68	100.80 -19.22 -6.01	123.98 -23.72 0.00	138.66 -22.35 0.00	86.47 -10.85 0.00
SYNERGY___BIOGAS 323694	74.27 -6.79 11.29	72.80 -6.65 11.15	76.39 -7.86 11.55	82.79 -8.67 12.49	60.25 -6.02 9.66	40.66 -3.77 8.12	46.18 -4.10 8.67	31.01 -3.62 8.75	30.94 -3.35 7.32	29.09 -3.75 7.42	42.15 -5.37 8.71	53.39 -6.46 9.47	60.84 -7.33 10.55	65.59 -7.43 10.89	78.41 -8.82 11.82	97.12 -10.39 9.15	135.67 -13.65 0.52	176.20 -15.78 2.60	140.58 -13.15 -1.50	98.86 -9.03 -4.25	108.49 -11.15 -5.62	133.85 -13.86 0.00	148.47 -12.54 0.00	91.73 -5.59 0.00
SYRACUSE___ENERGY_ST1 323597	90.52 -1.83 0.00	88.83 -1.79 0.00	93.66 -2.13 0.00	101.73 -2.22 0.00	74.74 -1.59 -0.40	51.54 -1.01 0.00	57.77 -1.19 0.00	42.60 -0.79 0.00	40.89 -0.72 0.00	39.58 -0.68 0.00	55.35 -0.88 0.00	68.19 -1.13 0.00	77.39 -1.32 0.00	82.55 -1.36 0.00	97.54 -1.52 0.00	114.90 -1.77 0.00	147.70 -2.15 0.00	192.29 -2.29 0.00	150.45 -1.78 0.00	102.69 -1.27 -0.32	113.96 -1.68 -1.62	145.36 -2.35 0.00	158.56 -2.45 0.00	95.99 -1.33 0.00
SYRACUSE___ENERGY_ST2 323598	90.52 -1.83 0.00	88.83 -1.79 0.00	93.66 -2.13 0.00	101.73 -2.22 0.00	74.74 -1.59 -0.40	51.54 -1.01 0.00	57.77 -1.19 0.00	42.60 -0.79 0.00	40.89 -0.72 0.00	39.58 -0.68 0.00	55.35 -0.88 0.00	68.19 -1.13 0.00	77.39 -1.32 0.00	82.55 -1.36 0.00	97.54 -1.52 0.00	114.90 -1.77 0.00	147.70 -2.15 0.00	192.29 -2.29 0.00	150.45 -1.78 0.00	102.69 -1.27 -0.32	113.96 -1.68 -1.62	145.36 -2.35 0.00	158.56 -2.45 0.00	95.99 -1.33 0.00
SYRACUSE___POWER 24017	90.50 -1.84 0.00	88.81 -1.80 0.00	93.66 -2.13 0.00	101.71 -2.24 0.00	74.76 -1.59 -0.42	51.54 -1.02 0.00	57.74 -1.22 0.00	42.58 -0.80 0.00	40.88 -0.73 0.00	39.57 -0.69 0.00	55.34 -0.90 0.00	68.18 -1.14 0.00	77.39 -1.32 0.00	82.56 -1.35 0.00	97.58 -1.48 0.00	114.93 -1.73 0.00	147.68 -2.17 0.00	192.29 -2.29 0.00	150.45 -1.78 0.00	102.78 -1.20 -0.34	114.06 -1.65 -1.69	145.41 -2.29 0.00	158.61 -2.40 0.00	96.00 -1.32 0.00
TALLMAN___138KV_BK151 55660	98.47 6.13 0.00	96.48 5.86 0.00	101.66 5.87 0.00	109.96 6.01 0.00	84.08 4.54 -3.61	55.79 3.23 0.00	62.34 3.39 0.00	45.96 2.58 0.00	44.09 2.48 0.00	42.80 2.54 0.00	60.00 3.76 0.00	73.75 4.43 0.00	83.60 4.89 0.00	89.11 5.21 0.00	105.36 6.30 0.00	124.17 7.51 0.00	160.44 9.94 -0.66	217.36 13.26 -9.52	181.62 10.82 -18.56	142.71 7.68 -31.40	160.05 8.37 -37.66	157.83 10.12 0.00	171.23 10.22 0.00	103.26 5.94 0.00
TEALLAVE_115KV_TB7 355573	89.86 -2.48 0.00	88.21 -2.41 0.00	93.02 -2.77 0.00	101.01 -2.94 0.00	74.20 -2.09 -0.35	51.18 -1.38 0.00	57.36 -1.60 0.00	42.27 -1.11 0.00	40.58 -1.03 0.00	39.28 -0.98 0.00	54.92 -1.32 0.00	67.69 -1.64 0.00	76.82 -1.89 0.00	81.94 -1.96 0.00	96.83 -2.23 0.00	114.06 -2.60 0.00	146.56 -3.29 0.00	190.79 -3.79 0.00	149.24 -2.99 0.00	101.91 -2.01 -0.28	112.90 -2.53 -1.41	144.25 -3.46 0.00	157.41 -3.60 0.00	95.32 -2.01 0.00
TELGRAPH_34_KV_EAST 80808	68.82 -9.35 14.17	67.47 -9.14 14.01	70.73 -10.57 14.50	76.69 -11.57 15.68	55.56 -8.12 12.25	37.17 -5.19 10.20	42.32 -5.75 10.89	27.40 -4.99 10.99	27.75 -4.67 9.19	26.00 -4.95 9.32	38.29 -7.01 10.94	48.97 -8.46 11.89	55.82 -9.64 13.25	60.20 -10.03 13.67	72.16 -12.05 14.85	90.78 -14.39 11.49	130.32 -18.87 0.66	168.35 -22.97 3.26	135.18 -18.46 -1.40	95.40 -12.66 -4.43	104.77 -15.03 -5.79	129.13 -18.57 0.00	143.82 -17.19 0.00	89.22 -8.10 0.00
TEMPLE___115KV_TB 2 55572	89.94 -2.41 0.00	88.25 -2.37 0.00	93.07 -2.73 0.00	101.05 -2.90 0.00	74.24 -2.05 -0.35	51.22 -1.33 0.00	57.38 -1.58 0.00	42.29 -1.09 0.00	40.60 -1.01 0.00	39.30 -0.97 0.00	54.96 -1.28 0.00	67.71 -1.61 0.00	76.85 -1.86 0.00	81.97 -1.94 0.00	96.87 -2.19 0.00	114.10 -2.56 0.00	146.60 -3.25 0.00	190.83 -3.75 0.00	149.33 -2.91 0.00	101.96 -1.96 -0.28	112.96 -2.49 -1.43	144.30 -3.40 0.00	157.49 -3.52 0.00	95.37 -1.95 0.00
TIANA____69_KV_BK 1 55817	103.19 10.85 0.00	100.63 10.01 0.00	105.82 10.02 0.00	114.32 10.37 0.00	87.36 7.67 -3.77	57.91 5.36 0.00	64.88 5.93 0.00	48.02 4.65 0.00	46.12 4.51 0.00	44.67 4.40 0.00	62.26 6.02 0.00	76.09 6.77 0.00	86.54 7.83 0.00	92.82 8.91 0.00	109.70 10.64 0.00	130.26 13.60 0.00	168.35 17.81 -0.68	224.74 20.27 -9.89	189.07 17.52 -19.32	150.05 13.71 -32.71	168.13 14.85 -39.26	165.94 18.23 0.00	179.17 18.16 0.00	107.75 10.43 0.00
TILDEN___115KV_TB1 80814	90.50 -1.84 0.00	88.81 -1.80 0.00	93.66 -2.13 0.00	101.71 -2.24 0.00	74.76 -1.59 -0.42	51.54 -1.02 0.00	57.74 -1.22 0.00	42.58 -0.80 0.00	40.88 -0.73 0.00	39.57 -0.69 0.00	55.34 -0.90 0.00	68.18 -1.14 0.00	77.39 -1.32 0.00	82.56 -1.35 0.00	97.58 -1.48 0.00	114.93 -1.73 0.00	147.68 -2.17 0.00	192.29 -2.29 0.00	150.45 -1.78 0.00	102.78 -1.20 -0.34	114.06 -1.65 -1.69	145.41 -2.29 0.00	158.61 -2.40 0.00	96.00 -1.32 0.00

TRIGEN___CC 323695	100.69 8.34 0.00	98.40 7.78 0.00	103.58 7.79 0.00	111.96 8.02 0.00	85.68 5.98 -3.77	56.77 4.22 0.00	63.52 4.57 0.00	46.90 3.51 0.00	45.04 3.43 0.00	43.72 3.45 0.00	61.26 5.02 0.00	75.18 5.86 0.00	85.27 6.56 0.00	91.09 7.18 0.00	107.51 8.46 0.00	126.94 10.28 0.00	163.47 12.94 -0.68	220.75 16.28 -9.89	185.37 13.81 -19.32	146.41 10.07 -32.71	164.28 11.01 -39.26	161.26 13.56 0.00	174.51 13.50 0.00	105.21 7.88 0.00
TRINITY___115KV___4 BK 55933	96.35 4.00 0.00	94.57 3.96 0.00	99.93 4.14 0.00	108.47 4.52 0.00	84.29 3.42 -4.94	54.88 2.32 0.00	61.36 2.40 0.00	45.15 1.77 0.00	43.20 1.59 0.00	41.85 1.59 0.00	58.53 2.30 0.00	72.10 2.78 0.00	81.99 3.28 0.00	87.44 3.53 0.00	103.38 4.32 0.00	121.59 4.93 0.00	160.02 6.21 -3.96	260.00 8.12 -57.29	225.29 6.59 -66.46	207.12 4.60 -98.88	205.81 5.01 -86.78	153.81 6.10 0.00	167.23 6.22 0.00	101.32 4.00 0.00
UNION___PROCESSING_DRP 323587	86.13 -6.21 0.00	84.57 -6.04 0.00	88.78 -7.01 0.00	96.24 -7.70 0.00	71.01 -5.40 -0.48	49.09 -3.46 0.00	55.12 -3.83 0.00	40.20 -3.19 -0.01	38.66 -2.96 0.00	37.18 -3.09 0.00	51.98 -4.26 0.00	64.18 -5.14 0.00	72.86 -5.86 -0.01	77.83 -6.08 0.00	91.80 -7.26 0.00	108.03 -8.64 0.00	138.74 -11.11 0.00	181.18 -13.39 0.00	141.40 -10.84 0.00	96.60 -7.42 -0.39	107.06 -8.95 -2.00	136.29 -11.42 0.00	150.22 -10.78 0.00	92.15 -5.18 0.00
UPPER HUDSON___HYD 24058	99.29 6.94 0.00	97.39 6.78 0.00	102.65 6.86 0.00	111.17 7.22 0.00	86.40 5.38 -5.09	56.27 3.72 0.00	63.15 4.19 0.00	46.64 3.26 0.00	44.74 3.13 0.00	43.30 3.03 0.00	60.43 4.19 0.00	74.35 5.03 0.00	84.75 6.04 0.00	90.33 6.43 0.00	107.07 8.01 0.00	126.28 9.61 0.00	169.67 12.67 -7.15	314.85 16.83 -103.44	275.50 13.55 -109.72	271.01 9.32 -158.05	248.87 10.05 -124.81	159.97 12.26 0.00	173.25 12.24 0.00	104.46 7.14 0.00
UPPER RAQUET___HYD 24056	89.68 -2.66 0.00	88.04 -2.57 0.00	93.45 -2.34 0.00	101.35 -2.60 0.00	73.85 -2.08 0.00	51.16 -1.39 0.00	57.76 -1.20 0.00	42.41 -0.97 0.00	40.73 -0.88 0.00	39.49 -0.78 0.00	55.05 -1.19 0.00	68.04 -1.28 0.00	77.25 -1.47 0.00	82.20 -1.70 0.00	96.62 -2.44 0.00	114.01 -2.66 0.00	146.74 -3.11 0.00	190.45 -4.13 0.00	148.62 -3.61 0.00	101.06 -2.57 0.00	111.48 -2.54 0.00	144.56 -3.14 0.00	157.79 -3.21 0.00	94.92 -2.40 0.00
VALLEY44_115KV_TB2 355964	78.10 -5.68 8.57	77.19 -4.96 8.47	81.11 -5.92 8.76	88.08 -6.38 9.48	64.39 -4.52 7.02	43.34 -3.04 6.16	48.55 -3.82 6.58	33.49 -3.23 6.66	33.23 -2.81 5.57	32.07 -2.56 5.64	46.37 -3.24 6.63	58.42 -3.71 7.19	66.00 -4.67 8.05	70.82 -4.82 8.26	83.97 -6.12 8.98	102.08 -7.64 6.95	137.80 -11.66 0.40	178.24 -14.37 1.97	142.84 -11.90 -2.51	101.80 -7.65 -5.82	112.20 -9.37 -7.55	137.10 -10.60 0.00	152.76 -8.25 0.00	93.66 -3.66 0.00
VALLEY___115KV_TB 1-4 80826	93.67 1.33 0.00	91.94 1.33 0.00	96.99 1.20 0.00	105.28 1.33 0.00	76.99 1.06 0.00	53.31 0.75 0.00	59.63 0.67 0.00	44.00 0.62 0.00	42.08 0.47 0.00	40.65 0.39 0.00	56.87 0.63 0.00	69.96 0.64 0.00	79.61 0.90 0.00	85.02 1.12 0.00	100.76 1.70 0.00	119.05 2.38 0.00	153.43 3.58 0.00	200.15 5.57 0.00	157.29 5.06 0.00	107.36 3.72 0.00	117.92 3.90 0.00	152.46 4.75 0.00	165.53 4.52 0.00	99.99 2.67 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	99.34 7.00 0.00	97.57 6.96 0.00	103.02 7.23 0.00	111.98 8.03 0.00	83.59 5.95 -1.70	56.62 4.07 0.00	63.34 4.39 0.00	46.83 3.45 0.00	45.01 3.40 0.00	43.56 3.30 0.00	60.89 4.66 0.00	74.87 5.55 0.00	84.98 6.28 0.01	90.55 6.65 0.00	106.88 7.82 0.00	126.02 9.36 0.00	163.04 12.21 -0.98	224.41 15.67 -14.17	183.97 12.46 -19.28	141.91 8.62 -29.66	150.99 9.09 -27.88	159.16 11.45 0.00	173.15 12.14 0.00	104.63 7.31 0.00
VISCHER___FERRY HYD 24020	96.97 4.63 0.00	95.19 4.58 0.00	100.54 4.74 0.00	109.00 5.05 0.00	84.75 3.82 -4.99	55.17 2.62 0.00	61.75 2.79 0.00	45.51 2.12 0.00	43.55 1.95 0.00	42.16 1.90 0.00	58.86 2.62 0.00	72.50 3.18 0.00	82.53 3.82 0.00	87.99 4.09 0.00	104.15 5.09 0.00	122.61 5.95 0.00	163.25 7.54 -5.86	289.39 9.98 -84.84	252.52 8.04 -92.25	243.37 5.62 -134.12	229.45 6.16 -109.27	155.17 7.47 0.00	168.50 7.50 0.00	101.99 4.67 0.00
V_A_10_SYNC_DSASP 323832	71.50 -9.82 11.03	70.24 -9.48 10.89	73.77 -10.75 11.28	80.01 -11.74 12.20	58.20 -8.30 9.44	39.21 -5.41 7.93	44.40 -6.08 8.47	29.69 -5.07 8.61	29.65 -4.77 7.19	28.11 -4.90 7.25	40.87 -6.81 8.56	51.84 -8.23 9.25	59.08 -9.42 10.20	63.32 -9.95 10.63	75.54 -11.97 11.55	93.43 -14.29 8.94	130.50 -18.83 0.51	169.01 -23.03 2.54	135.09 -18.59 -1.45	95.25 -12.54 -4.15	105.17 -14.74 -5.90	129.30 -18.40 0.00	143.67 -17.33 0.00	88.86 -8.46 0.00
V_CMM_10_SYNC_DSASP 323787	92.19 -0.15 0.00	90.48 -0.13 0.00	96.01 0.22 0.00	104.13 0.18 0.00	75.92 -0.01 0.00	52.58 0.02 0.00	59.25 0.29 0.00	43.44 0.06 0.00	41.66 0.05 0.00	40.25 -0.01 0.00	56.05 -0.19 0.00	69.20 -0.12 0.00	78.58 -0.14 0.00	83.64 -0.26 0.00	98.46 -0.60 0.00	116.06 -0.60 0.00	149.00 -0.85 0.00	192.35 -2.23 0.00	150.03 -2.20 0.00	102.06 -1.58 0.00	112.60 -1.42 0.00	146.23 -1.48 0.00	159.81 -1.20 0.00	96.35 -0.97 0.00
V_CMP_10_SYNC_DSASP 323788	93.09 0.75 0.00	91.83 1.22 0.00	97.89 2.10 0.00	106.39 2.45 0.00	77.49 1.56 0.00	53.43 0.88 0.00	59.91 0.96 0.00	43.64 0.26 0.00	41.79 0.18 0.00	40.49 0.23 0.00	56.37 0.13 0.00	69.64 0.32 0.00	79.18 0.46 0.00	84.27 0.36 0.00	99.21 0.15 0.00	116.75 0.09 0.00	149.41 -0.44 0.00	193.69 -0.89 0.00	151.41 -0.82 0.00	103.41 -0.23 0.00	113.98 -0.03 0.00	148.10 0.40 0.00	162.03 1.02 0.00	97.70 0.38 0.00
V_D_10_SYNC_DSASP 323841	92.27 -0.07 0.00	90.56 -0.05 0.00	96.11 0.32 0.00	104.22 0.27 0.00	75.97 0.04 0.00	52.63 0.08 0.00	59.33 0.37 0.00	43.50 0.12 0.00	41.74 0.13 0.00	40.33 0.07 0.00	56.16 -0.08 0.00	69.35 0.03 0.00	78.75 0.04 0.00	83.80 -0.10 0.00	98.60 -0.46 0.00	116.25 -0.41 0.00	149.31 -0.54 0.00	193.51 -1.07 0.00	150.94 -1.29 0.00	102.68 -0.96 0.00	113.31 -0.71 0.00	147.10 -0.60 0.00	160.77 -0.23 0.00	96.89 -0.43 0.00
V_E_10_SYNC_DSASP 323830	94.01 1.67 0.00	92.32 1.70 0.00	97.62 1.83 0.00	105.67 1.72 0.00	78.63 1.49 -1.21	53.55 1.00 0.00	60.21 1.26 0.00	44.71 1.33 0.00	43.14 1.53 0.00	41.75 1.48 0.00	58.31 2.07 0.00	71.75 2.43 0.00	81.54 2.84 0.01	87.18 3.28 0.00	103.62 4.56 0.00	122.67 6.01 0.00	159.53 9.23 -0.45	215.77 14.68 -6.51	174.20 12.15 -9.81	127.89 8.68 -15.58	139.50 9.45 -16.02	160.52 12.81 0.00	176.21 15.20 0.00	106.41 9.09 0.00
V_F_30_NSYNC___DSASP 323816	98.26 5.91 0.00	96.41 5.79 0.00	101.73 5.94 0.00	110.26 6.31 0.00	85.73 4.73 -5.07	55.79 3.24 0.00	62.52 3.56 0.00	46.13 2.75 0.00	44.20 2.59 0.00	42.76 2.50 0.00	59.73 3.50 0.00	73.57 4.25 0.00	83.75 5.03 0.00	89.27 5.36 0.00	105.68 6.62 0.00	124.61 7.94 0.00	167.18 10.34 -6.99	309.39 13.68 -101.13	270.72 10.95 -107.55	266.30 7.59 -155.08	245.06 8.17 -122.87	157.71 10.00 0.00	171.18 10.17 0.00	103.38 6.05 0.00



V_F_30_SYNC_DSASP 323786	96.66 4.32 0.00	94.89 4.28 0.00	100.23 4.43 0.00	108.79 4.85 0.00	84.54 3.64 -4.97	55.04 2.49 0.00	61.56 2.60 0.00	45.30 1.92 0.00	43.35 1.74 0.00	42.00 1.74 0.00	58.74 2.51 0.00	72.38 3.06 0.00	82.31 3.60 0.00	87.76 3.86 0.00	103.77 4.71 0.00	122.06 5.40 0.00	161.46 6.89 -4.71	271.81 9.02 -68.22	236.24 7.31 -76.70	221.60 5.08 -112.89	215.31 5.52 -95.78	154.40 6.69 0.00	167.85 6.85 0.00	101.68 4.36 0.00
V_XM_10_SYNC_DSASP 323789	93.09 0.75 0.00	91.83 1.22 0.00	97.89 2.10 0.00	106.39 2.45 0.00	77.49 1.56 0.00	53.43 0.88 0.00	59.91 0.96 0.00	43.64 0.26 0.00	41.79 0.18 0.00	40.49 0.23 0.00	56.37 0.13 0.00	69.64 0.32 0.00	79.18 0.46 0.00	84.27 0.36 0.00	99.21 0.15 0.00	116.75 0.09 0.00	149.41 -0.44 0.00	193.69 -0.89 0.00	151.41 -0.82 0.00	103.41 -0.23 0.00	113.98 -0.03 0.00	148.10 0.40 0.00	162.03 1.02 0.00	97.70 0.38 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	98.72 6.37 0.00	96.70 6.09 0.00	101.94 6.14 0.00	110.23 6.28 0.00	84.30 4.73 -3.63	55.94 3.38 0.00	62.50 3.54 0.00	46.08 2.69 0.00	44.20 2.59 0.00	42.91 2.65 0.00	60.15 3.91 0.00	73.95 4.63 0.00	83.83 5.12 0.00	89.36 5.45 0.00	105.65 6.59 0.00	124.52 7.86 0.00	160.93 10.42 -0.66	218.04 13.89 -9.57	182.22 11.33 -18.66	143.22 8.01 -31.57	160.62 8.73 -37.87	158.27 10.57 0.00	171.68 10.67 0.00	103.52 6.20 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	99.54 7.19 0.00	97.48 6.87 0.00	102.70 6.91 0.00	111.01 7.07 0.00	85.01 5.31 -3.77	56.38 3.82 0.00	63.00 4.04 0.00	46.46 3.08 0.00	44.59 2.98 0.00	43.32 3.05 0.00	60.77 4.54 0.00	74.71 5.40 0.00	84.71 6.00 0.00	90.25 6.35 0.00	106.68 7.62 0.00	125.70 9.03 0.00	162.32 11.79 -0.68	219.83 15.37 -9.89	183.93 12.38 -19.32	145.10 8.77 -32.69	162.84 9.58 -39.25	159.32 11.61 0.00	172.67 11.67 0.00	104.10 6.78 0.00
W50THST__13_KV_LOAD 356117	99.82 7.47 0.00	97.72 7.11 0.00	102.97 7.18 0.00	111.31 7.36 0.00	85.24 5.54 -3.77	56.54 3.99 0.00	63.18 4.23 0.00	46.60 3.22 0.00	44.73 3.12 0.00	43.45 3.18 0.00	61.00 4.76 0.00	75.00 5.68 0.00	85.03 6.32 0.00	90.59 6.68 0.00	107.08 8.02 0.00	126.16 9.50 0.00	162.91 12.38 -0.68	220.53 16.07 -9.89	184.51 12.97 -19.32	145.45 9.12 -32.69	163.26 10.00 -39.25	159.83 12.13 0.00	173.18 12.17 0.00	104.38 7.06 0.00
WADING RIVER_IC_1 23522	103.02 10.67 0.00	100.47 9.85 0.00	105.62 9.83 0.00	114.07 10.12 0.00	87.21 7.51 -3.77	57.80 5.25 0.00	64.74 5.78 0.00	47.91 4.53 0.00	46.01 4.40 0.00	44.58 4.31 0.00	62.16 5.92 0.00	75.95 6.64 0.00	86.42 7.70 0.00	92.67 8.77 0.00	109.48 10.42 0.00	129.93 13.26 0.00	167.86 17.33 -0.68	224.05 19.59 -9.89	188.51 16.95 -19.32	149.68 13.34 -32.71	167.72 14.45 -39.26	165.40 17.69 0.00	178.69 17.68 0.00	107.49 10.17 0.00
WADING RIVER_IC_2 23547	103.02 10.67 0.00	100.47 9.85 0.00	105.62 9.83 0.00	114.07 10.12 0.00	87.21 7.51 -3.77	57.80 5.25 0.00	64.74 5.78 0.00	47.91 4.53 0.00	46.01 4.40 0.00	44.58 4.31 0.00	62.16 5.92 0.00	75.95 6.64 0.00	86.42 7.70 0.00	92.67 8.77 0.00	109.48 10.42 0.00	129.93 13.26 0.00	167.86 17.33 -0.68	224.05 19.59 -9.89	188.51 16.95 -19.32	149.68 13.34 -32.71	167.72 14.45 -39.26	165.40 17.69 0.00	178.69 17.68 0.00	107.49 10.17 0.00
WADING RIVER_IC_3 23601	103.02 10.67 0.00	100.47 9.85 0.00	105.62 9.83 0.00	114.07 10.12 0.00	87.21 7.51 -3.77	57.80 5.25 0.00	64.74 5.78 0.00	47.91 4.53 0.00	46.01 4.40 0.00	44.58 4.31 0.00	62.16 5.92 0.00	75.95 6.64 0.00	86.42 7.70 0.00	92.67 8.77 0.00	109.48 10.42 0.00	129.93 13.26 0.00	167.86 17.33 -0.68	224.05 19.59 -9.89	188.51 16.95 -19.32	149.68 13.34 -32.71	167.72 14.45 -39.26	165.40 17.69 0.00	178.69 17.68 0.00	107.49 10.17 0.00
WALDENNY_12_KV_BK2 80841	60.85 -9.12 22.37	59.66 -8.84 22.11	62.68 -10.22 22.89	67.99 -11.20 24.75	48.49 -7.84 19.60	31.43 -5.02 16.10	36.17 -5.59 17.19	21.10 -4.87 17.41	22.55 -4.52 14.54	20.86 -4.68 14.72	32.33 -6.59 17.31	42.63 -7.91 18.78	48.69 -9.11 20.91	52.84 -9.49 21.58	64.20 -11.41 23.44	85.05 -13.47 18.14	131.29 -17.52 1.04	168.42 -21.01 5.15	136.54 -16.87 -1.18	97.37 -11.33 -5.07	107.01 -13.52 -6.51	131.21 -16.50 0.00	146.19 -14.81 0.00	90.71 -6.61 0.00
WALDEN__HYDRO 24148	99.23 6.89 0.00	97.18 6.57 0.00	102.42 6.63 0.00	110.82 6.87 0.00	84.73 5.16 -3.64	56.21 3.66 0.00	62.85 3.89 0.00	46.36 2.98 0.00	44.52 2.91 0.00	43.21 2.94 0.00	60.48 4.24 0.00	74.37 5.05 0.00	84.39 5.68 0.00	89.95 6.05 0.00	106.44 7.38 0.00	125.47 8.81 0.00	162.28 11.71 -0.72	220.70 15.71 -10.42	184.41 12.71 -19.47	145.19 8.87 -32.69	162.20 9.57 -38.61	159.30 11.59 0.00	172.71 11.70 0.00	104.11 6.78 0.00
WARRENSBURG____ 23737	99.29 6.94 0.00	97.39 6.78 0.00	102.65 6.86 0.00	111.17 7.22 0.00	86.40 5.38 -5.09	56.27 3.72 0.00	63.15 4.19 0.00	46.64 3.26 0.00	44.74 3.13 0.00	43.30 3.03 0.00	60.43 4.19 0.00	74.35 5.03 0.00	84.75 6.04 0.00	90.33 6.43 0.00	107.07 8.01 0.00	126.28 9.61 0.00	169.67 12.67 -7.15	314.85 16.83 -103.44	275.50 13.55 -109.72	271.01 9.32 -158.05	248.87 10.05 -124.81	159.97 12.26 0.00	173.25 12.24 0.00	104.46 7.14 0.00
WATERSIDE____6 8 9 23538	99.89 7.55 0.00	97.84 7.23 0.00	103.06 7.27 0.00	111.40 7.45 0.00	85.31 5.61 -3.77	52.78 4.04 3.81	60.83 4.28 2.41	40.68 3.25 5.95	37.87 3.12 6.86	36.09 3.21 7.38	57.54 4.78 3.48	64.49 5.67 10.49	81.39 6.31 3.63	83.74 6.63 6.80	106.98 7.92 0.00	126.01 9.34 0.00	125.78 12.38 36.45	107.01 16.23 103.80	158.45 13.10 6.88	115.38 9.24 -2.50	132.96 10.10 -8.84	130.14 12.20 29.76	169.78 12.17 3.40	102.72 7.10 1.70
WATKINRD_115KV_LN8_ILLION 55919	93.82 1.48 0.00	92.05 1.43 0.00	97.17 1.38 0.00	105.50 1.55 0.00	77.13 1.19 0.00	53.38 0.83 0.00	59.75 0.79 0.00	44.07 0.69 0.00	42.18 0.57 0.00	40.79 0.53 0.00	57.04 0.80 0.00	70.20 0.88 0.00	79.83 1.12 0.00	85.21 1.31 0.00	100.87 1.81 0.00	119.00 2.34 0.00	153.14 3.30 0.00	199.23 4.65 0.00	156.29 4.06 0.00	106.53 2.90 0.00	117.05 3.04 0.00	151.34 3.63 0.00	164.45 3.44 0.00	99.35 2.03 0.00
WATSON__69_KV_BK 1 55734	103.36 11.02 0.00	100.88 10.27 0.00	106.07 10.27 0.00	114.58 10.63 0.00	87.55 7.85 -3.77	58.01 5.46 0.00	64.88 5.93 0.00	48.04 4.66 0.00	46.17 4.56 0.00	44.77 4.50 0.00	62.59 6.35 0.00	76.62 7.29 0.00	87.06 8.35 0.00	93.25 9.35 0.00	109.96 10.90 0.00	130.07 13.41 0.00	167.66 17.13 -0.68	225.23 20.76 -9.89	189.33 17.78 -19.32	149.68 13.34 -32.71	167.65 14.37 -39.26	165.49 17.78 0.00	179.09 18.08 0.00	107.91 10.59 0.00
WDELAWARE__HYD 323627	98.75 6.41 0.00	96.72 6.11 0.00	101.95 6.16 0.00	110.36 6.42 0.00	84.15 4.78 -3.44	55.96 3.41 0.00	62.62 3.66 0.00	46.28 2.89 0.00	44.46 2.85 0.00	43.11 2.84 0.00	60.27 4.03 0.00	74.10 4.78 0.00	84.14 5.42 0.00	89.69 5.78 0.00	106.18 7.12 0.00	125.30 8.64 0.00	162.32 11.68 -0.79	221.92 15.90 -11.44	184.92 12.80 -19.88	145.41 8.87 -32.91	161.22 9.45 -37.76	158.98 11.27 0.00	172.19 11.18 0.00	103.66 6.34 0.00

WEST BABYLON___IC 23714	102.82 10.47 0.00	100.35 9.74 0.00	105.53 9.74 0.00	114.00 10.06 0.00	87.14 7.44 -3.77	57.75 5.20 0.00	64.59 5.64 0.00	47.79 4.41 0.00	45.92 4.31 0.00	44.53 4.27 0.00	62.29 6.05 0.00	76.32 7.00 0.00	86.63 7.92 0.00	92.79 8.89 0.00	109.43 10.38 0.00	129.40 12.74 0.00	166.78 16.25 -0.68	224.40 19.93 -9.89	188.57 17.01 -19.32	148.97 12.63 -32.71	166.97 13.70 -39.26	164.67 16.97 0.00	178.18 17.17 0.00	107.36 10.04 0.00
WEST CANADA___HYD 24049	92.81 0.46 0.00	91.07 0.46 0.00	96.19 0.39 0.00	104.44 0.49 0.00	76.31 0.38 0.00	52.78 0.23 0.00	59.13 0.18 0.00	43.54 0.16 0.00	41.76 0.15 0.00	40.44 0.17 0.00	56.57 0.33 0.00	69.74 0.42 0.00	79.19 0.48 0.00	84.42 0.51 0.00	99.75 0.69 0.00	117.37 0.70 0.00	150.78 0.93 0.00	195.95 1.37 0.00	153.44 1.20 0.00	104.46 0.82 0.00	114.92 0.91 0.00	148.84 1.13 0.00	162.14 1.14 0.00	98.02 0.70 0.00
WESTERN_NY_WIND 24143	73.11 -7.04 12.19	71.66 -6.90 12.05	75.12 -8.20 12.47	81.44 -9.02 13.49	59.19 -6.27 10.48	39.85 -3.93 8.77	45.30 -4.28 9.37	30.12 -3.81 9.45	30.18 -3.53 7.91	28.34 -3.91 8.02	41.17 -5.66 9.41	52.28 -6.80 10.23	59.62 -7.69 11.40	64.34 -7.80 11.76	77.07 -9.22 12.77	95.93 -10.85 9.89	135.25 -14.04 0.57	175.26 -16.51 2.81	140.20 -13.50 -1.47	98.61 -9.33 -4.31	108.27 -11.41 -5.67	133.50 -14.20 0.00	148.16 -12.85 0.00	91.54 -5.78 0.00
WESTOVER___LESR 323668	91.01 -1.34 0.00	89.35 -1.27 0.00	94.23 -1.56 0.00	102.37 -1.58 0.00	76.09 -1.10 -1.26	51.83 -0.72 0.00	57.95 -1.01 0.00	42.80 -0.58 0.00	41.12 -0.49 0.00	39.78 -0.48 0.00	55.76 -0.48 0.00	68.68 -0.65 0.00	77.80 -0.90 0.02	83.04 -0.86 0.00	98.15 -0.91 0.00	115.48 -1.18 0.00	148.44 -1.71 -0.30	197.14 -1.75 -4.31	158.56 -1.22 -7.55	115.47 -0.63 -12.46	127.02 -1.07 -14.07	146.38 -1.33 0.00	160.20 -0.81 0.00	96.95 -0.38 0.00
WETHRSFD_WT_PWR 323626	3.50 -9.98 78.86	2.99 -9.68 77.94	4.24 -10.88 80.67	5.01 -11.69 87.25	-2.99 -8.28 70.64	-9.63 -5.44 56.74	-7.80 -6.15 60.60	-22.71 -4.60 61.49	-14.03 -4.30 51.35	-16.00 -4.38 51.88	-10.98 -6.10 61.12	-4.49 -7.62 66.19	-3.70 -8.97 73.45	-1.39 -9.24 76.05	5.37 -11.06 82.63	39.87 -12.85 63.94	129.80 -16.38 3.66	156.38 -20.05 18.15	134.39 -15.60 2.25	99.30 -10.12 -5.79	109.64 -11.92 -7.54	133.49 -14.22 0.00	148.36 -12.65 0.00	91.71 -5.62 0.00
WHAVSTOR_138KV_BK127 55557	98.40 6.05 0.00	96.38 5.77 0.00	101.60 5.81 0.00	109.88 5.93 0.00	84.05 4.49 -3.63	55.75 3.20 0.00	62.30 3.34 0.00	45.94 2.56 0.00	44.06 2.45 0.00	42.78 2.51 0.00	59.95 3.71 0.00	73.69 4.37 0.00	83.56 4.85 0.00	89.04 5.14 0.00	105.29 6.23 0.00	124.08 7.42 0.00	160.34 9.83 -0.66	217.18 13.03 -9.57	181.58 10.67 -18.68	142.82 7.58 -31.60	160.19 8.26 -37.91	157.68 9.98 0.00	171.04 10.03 0.00	103.16 5.84 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	98.40 6.05 0.00	96.38 5.77 0.00	101.60 5.81 0.00	109.88 5.93 0.00	84.05 4.49 -3.63	55.75 3.20 0.00	62.30 3.34 0.00	45.94 2.56 0.00	44.06 2.45 0.00	42.78 2.51 0.00	59.95 3.71 0.00	73.69 4.37 0.00	83.56 4.85 0.00	89.04 5.14 0.00	105.29 6.23 0.00	124.08 7.42 0.00	160.34 9.83 -0.66	217.18 13.03 -9.57	181.58 10.67 -18.68	142.82 7.58 -31.60	160.19 8.26 -37.91	157.68 9.98 0.00	171.04 10.03 0.00	103.16 5.84 0.00
WHITEHAL_115KV_TB1 80871	101.97 9.62 0.00	100.13 9.51 0.00	105.11 9.32 0.00	113.23 9.28 0.00	87.88 6.86 -5.08	57.44 4.89 0.00	64.58 5.62 0.00	47.76 4.38 0.00	45.85 4.25 0.00	44.27 4.01 0.00	61.46 5.22 0.00	75.32 6.01 0.00	86.12 7.41 0.00	91.65 7.74 0.00	109.32 10.26 0.00	128.99 12.33 0.00	172.99 16.06 -7.08	318.38 21.32 -102.48	278.98 17.93 -108.82	272.78 12.32 -156.82	251.56 13.54 -124.01	164.48 16.77 0.00	177.14 16.13 0.00	106.16 8.84 0.00
WHITEPLN_13_KV_LOAD 356215	100.13 7.78 0.00	98.07 7.45 0.00	103.32 7.53 0.00	111.72 7.78 0.00	85.50 5.81 -3.76	56.70 4.14 0.00	63.38 4.43 0.00	46.75 3.37 0.00	44.89 3.28 0.00	43.58 3.32 0.00	61.10 4.86 0.00	75.12 5.81 0.00	85.18 6.46 0.00	90.77 6.86 0.00	107.33 8.27 0.00	126.53 9.87 0.00	163.52 12.99 -0.68	221.65 17.20 -9.87	185.42 13.90 -19.28	146.05 9.78 -32.64	163.81 10.62 -39.18	160.65 12.94 0.00	174.10 13.09 0.00	104.93 7.60 0.00
WM_FLOYD_69_KV_BK2 356380	102.93 10.59 0.00	100.39 9.78 0.00	105.56 9.77 0.00	114.01 10.07 0.00	87.14 7.44 -3.77	57.77 5.21 0.00	64.69 5.74 0.00	47.87 4.48 0.00	45.97 4.36 0.00	44.55 4.29 0.00	62.14 5.90 0.00	75.96 6.64 0.00	86.39 7.68 0.00	92.62 8.72 0.00	109.38 10.32 0.00	129.82 13.16 0.00	167.68 17.15 -0.68	224.41 19.94 -9.89	188.67 17.11 -19.32	149.47 13.13 -32.71	167.55 14.27 -39.26	165.22 17.51 0.00	178.50 17.49 0.00	107.41 10.09 0.00
WOODARD__115KV_TB2 355635	89.84 -2.50 0.00	88.14 -2.47 0.00	92.97 -2.82 0.00	100.95 -3.00 0.00	74.17 -2.12 -0.35	51.15 -1.41 0.00	57.33 -1.63 0.00	42.24 -1.14 0.00	40.55 -1.06 0.00	39.27 -1.00 0.00	54.90 -1.34 0.00	67.65 -1.68 0.00	76.79 -1.92 0.00	81.89 -2.01 0.00	96.76 -2.30 0.00	113.97 -2.69 0.00	146.46 -3.39 0.00	190.61 -3.97 0.00	149.15 -3.09 0.00	101.83 -2.09 -0.29	112.85 -2.60 -1.44	144.17 -3.54 0.00	157.30 -3.70 0.00	95.22 -2.11 0.00
YORK___WARBASSE 23770	100.49 8.15 0.00	98.42 7.81 0.00	103.73 7.94 0.00	111.99 8.04 0.00	85.81 6.11 -3.77	75.29 4.43 -18.30	75.49 4.72 -11.81	76.19 3.57 -29.24	78.71 3.43 -33.67	80.03 3.51 -36.25	78.51 5.15 -17.12	127.02 6.15 -51.55	103.36 6.83 -17.82	124.36 7.07 -33.39	107.47 8.42 0.00	126.48 9.82 0.00	346.08 13.17 -183.06	780.14 17.35 -568.22	314.23 14.03 -147.97	294.52 9.89 -180.99	313.51 10.89 -188.61	307.19 13.31 -146.18	191.08 13.35 -16.72	113.53 7.86 -8.35