

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

01/28/2025

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	100.59	104.39	102.68	110.30	115.52	99.38	99.85	151.52	158.44	138.39	113.81	77.99	61.75	50.83	61.61	74.65	155.73	175.09	173.81	157.40	149.46	121.06	98.50	97.61
	6.35	5.87	5.62	6.00	5.63	6.09	2.92	4.27	10.97	10.99	9.44	6.61	5.38	4.31	4.91	3.39	5.80	13.82	13.81	10.33	11.14	5.40	5.61	4.20
	0.00	0.00	0.00	0.00	0.00	-2.85	-60.48	-97.15	-17.41	-1.77	-2.84	-0.30	-0.96	-4.36	-8.01	-36.08	-85.53	0.00	-5.48	-31.32	-6.27	-53.04	-24.82	-38.25
74TH STREET_GT_1 24260	100.80	104.62	102.93	110.52	115.73	99.38	99.85	151.49	156.77	137.22	113.19	77.78	61.62	49.39	61.04	74.20	155.69	175.32	173.45	157.16	149.20	120.99	98.37	97.58
	6.56	6.10	5.88	6.22	5.83	6.09	2.91	4.23	10.76	10.72	9.23	6.50	5.25	4.26	4.90	3.41	5.86	14.06	13.45	10.09	10.88	5.32	5.48	4.17
	0.00	0.00	0.00	0.00	0.00	-2.85	-60.49	-97.17	-15.96	-0.86	-2.43	-0.20	-0.96	-2.97	-7.45	-35.61	-85.44	0.00	-5.49	-31.33	-6.28	-53.05	-24.83	-38.25
74TH STREET_GT_2 24261	100.80	104.62	102.93	110.52	115.73	99.38	99.85	151.49	156.77	137.22	113.19	77.78	61.62	49.39	61.04	74.20	155.69	175.32	173.45	157.16	149.20	120.99	98.37	97.58
	6.56	6.10	5.88	6.22	5.83	6.09	2.91	4.23	10.76	10.72	9.23	6.50	5.25	4.26	4.90	3.41	5.86	14.06	13.45	10.09	10.88	5.32	5.48	4.17
	0.00	0.00	0.00	0.00	0.00	-2.85	-60.49	-97.17	-15.96	-0.86	-2.43	-0.20	-0.96	-2.97	-7.45	-35.61	-85.44	0.00	-5.49	-31.33	-6.28	-53.05	-24.83	-38.25
ADK HUDSON___FALLS 24011	102.22	106.58	105.21	113.05	118.91	102.47	137.63	233.48	189.61	138.02	113.84	77.28	61.24	47.69	61.63	83.02	178.88	178.48	195.26	231.90	173.61	189.77	154.54	189.79
	7.98	8.06	8.16	8.74	9.02	8.43	3.86	5.43	14.08	12.38	9.74	6.07	4.62	3.23	4.19	3.47	6.88	17.22	16.96	12.85	14.35	6.75	7.12	5.51
	0.00	0.00	0.00	0.00	0.00	-3.59	-97.31	-177.95	-45.47	0.00	-2.58	-0.13	-1.21	-2.30	-8.75	-44.37	-107.60	0.00	-23.79	-103.31	-27.21	-120.40	-79.36	-129.12
ADK RESOURCE___RCVRY 23798	102.60	107.01	105.72	113.60	119.45	103.04	138.22	234.61	191.21	139.12	114.72	77.74	61.55	47.84	61.88	83.30	179.45	179.82	196.88	233.81	175.26	190.95	155.63	191.02
	8.36	8.49	8.66	9.30	9.56	9.00	4.18	5.91	15.40	13.49	10.61	6.53	4.93	3.39	4.43	3.70	7.33	18.55	18.40	14.11	15.82	7.35	7.72	5.92
	0.00	0.00	0.00	0.00	0.00	-3.60	-97.59	-178.60	-45.75	0.00	-2.58	-0.13	-1.21	-2.31	-8.75	-44.42	-107.72	0.00	-23.96	-103.95	-27.40	-120.97	-79.85	-129.93
ADK S GLENS___FALLS 24028	102.22	106.58	105.21	113.05	118.91	102.47	137.63	233.48	189.61	138.02	113.84	77.28	61.24	47.69	61.63	83.02	178.88	178.48	195.26	231.90	173.61	189.77	154.54	189.79
	7.98	8.06	8.16	8.74	9.02	8.43	3.86	5.43	14.08	12.38	9.74	6.07	4.62	3.23	4.19	3.47	6.88	17.22	16.96	12.85	14.35	6.75	7.12	5.51
	0.00	0.00	0.00	0.00	0.00	-3.59	-97.31	-177.95	-45.47	0.00	-2.58	-0.13	-1.21	-2.30	-8.75	-44.37	-107.60	0.00	-23.79	-103.31	-27.21	-120.40	-79.36	-129.12
ADK_NYS___DAM 23527	100.40	104.62	103.20	110.81	116.38	100.16	126.90	209.42	175.70	134.57	111.64	76.23	60.53	47.11	60.65	80.60	172.93	171.75	183.17	205.45	162.21	168.30	136.34	160.71
	6.17	6.10	6.14	6.50	6.48	6.25	2.61	3.55	9.54	8.93	7.62	5.02	3.95	2.74	3.52	2.61	4.73	10.48	10.53	8.32	9.44	4.86	5.49	4.19
	0.00	0.00	0.00	0.00	0.00	-3.47	-87.83	-155.77	-36.10	0.00	-2.48	-0.13	-1.17	-2.22	-8.44	-42.80	-103.80	0.00	-18.12	-81.39	-20.72	-100.82	-62.79	-101.36
AIR_PRODUCTS___DRP 24190	97.01	101.17	99.67	107.07	112.47	96.57	119.92	192.53	162.69	129.65	107.57	73.62	58.60	45.78	58.63	79.10	170.14	164.69	171.34	182.29	150.32	150.42	119.59	136.25
	2.78	2.65	2.61	2.77	2.58	2.64	1.17	1.54	3.93	4.01	3.55	2.41	2.02	1.40	1.47	0.97	1.58	3.42	3.34	2.66	2.86	1.53	1.91	1.87
	0.00	0.00	0.00	0.00	0.00	-3.48	-82.29	-140.89	-28.70	0.00	-2.49	-0.13	-1.17	-2.23	-8.47	-42.95	-104.16	0.00	-13.48	-63.89	-15.42	-86.25	-49.62	-79.22
AKWESSNE_115KV_BK 355683	94.31	99.00	97.63	105.11	111.07	90.21	35.88	49.29	127.98	123.51	99.23	69.76	54.45	41.40	47.77	34.45	63.20	158.75	151.68	113.52	130.09	61.56	67.07	54.68
	0.07	0.48	0.57	0.81	1.18	-0.24	-0.57	-0.80	-2.07	-2.13	-2.30	-1.32	-0.95	-0.76	-0.93	-0.74	-1.20	-2.51	-2.84	-2.23	-1.95	-1.07	-0.99	-0.48
	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	98.29	102.56	101.06	108.60	114.17	97.92	116.28	183.45	160.34	130.81	108.14	73.74	58.45	45.64	58.50	78.61	169.38	167.75	171.80	174.83	149.90	142.91	113.44	124.89
	4.05	4.05	4.00	4.30	4.28	4.06	1.77	2.30	5.69	5.18	4.16	2.53	1.89	1.30	1.49	1.23	2.64	6.49	6.28	4.79	5.27	2.65	3.01	2.64
	0.00	0.00	0.00	0.00	0.00	-3.42	-78.06	-131.06	-24.60	0.00	-2.45	-0.13	-1.15	-2.19	-8.32	-42.20	-102.34	0.00	-11.00	-54.30	-12.58	-77.64	-42.37	-67.09
ALBANY_2_SOLAR 323834	98.27	102.56	101.05	108.60	114.12	97.90	116.27	183.44	160.32	130.78	108.11	73.71	58.44	45.64	58.49	78.61	169.36	167.73	171.75	174.80	149.88	142.88	113.41	124.87
	4.04	4.04	4.00	4.29	4.23	4.03	1.75	2.28	5.67	5.15	4.13	2.51	1.89	1.30	1.48	1.23	2.62	6.46	6.24	4.77	5.26	2.62	2.99	2.63
	0.00	0.00	0.00	0.00	0.00	-3.42	-78.06	-131.06	-24.60	0.00	-2.45	-0.13	-1.15	-2.19	-8.32	-42.20	-102.35	0.00	-11.00	-54.29	-12.58	-77.63	-42.36	-67.08
ALBANY___1 23571	97.01	101.17	99.67	107.07	112.47	96.57	119.92	192.53	162.69	129.65	107.57	73.62	58.60	45.78	58.63	79.10	170.14	164.69	171.34	182.29	150.32	150.42	119.59	136.25
	2.78	2.65	2.61	2.77	2.58	2.64	1.17	1.54	3.93	4.01	3.55	2.41	2.02	1.40	1.47	0.97	1.58	3.42	3.34	2.66	2.86	1.53	1.91	1.87
	0.00	0.00	0.00	0.00	0.00	-3.48	-82.29	-140.89	-28.70	0.00	-2.49	-0.13	-1.17	-2.23	-8.47	-42.95	-104.16	0.00	-13.48	-63.89	-15.42	-86.25	-49.62	-79.22

ALBANY___2 23572	97.01 2.78 0.00	101.17 2.65 0.00	99.67 2.61 0.00	107.07 2.77 0.00	112.47 2.58 0.00	96.57 2.64 -3.48	119.92 1.17 -82.29	192.53 1.54 -140.89	162.69 3.93 -28.70	129.65 4.01 0.00	107.57 3.55 -2.49	73.62 2.41 -0.13	58.60 2.02 -1.17	45.78 1.40 -2.23	58.63 1.47 -8.47	79.10 0.97 -42.95	170.14 1.58 -104.16	164.69 3.42 0.00	171.34 3.34 -13.48	182.29 2.66 -63.89	150.32 2.86 -15.42	150.42 1.53 -86.25	119.59 1.91 -49.62	136.25 1.87 -79.22
ALBANY___3 23573	97.01 2.78 0.00	101.17 2.65 0.00	99.67 2.61 0.00	107.07 2.77 0.00	112.47 2.58 0.00	96.57 2.64 -3.48	119.92 1.17 -82.29	192.53 1.54 -140.89	162.69 3.93 -28.70	129.65 4.01 0.00	107.57 3.55 -2.49	73.62 2.41 -0.13	58.60 2.02 -1.17	45.78 1.40 -2.23	58.63 1.47 -8.47	79.10 0.97 -42.95	170.14 1.58 -104.16	164.69 3.42 0.00	171.34 3.34 -13.48	182.29 2.66 -63.89	150.32 2.86 -15.42	150.42 1.53 -86.25	119.59 1.91 -49.62	136.25 1.87 -79.22
ALBANY___4 23574	97.01 2.78 0.00	101.17 2.65 0.00	99.67 2.61 0.00	107.07 2.77 0.00	112.47 2.58 0.00	96.57 2.64 -3.48	119.92 1.17 -82.29	192.53 1.54 -140.89	162.69 3.93 -28.70	129.65 4.01 0.00	107.57 3.55 -2.49	73.62 2.41 -0.13	58.60 2.02 -1.17	45.78 1.40 -2.23	58.63 1.47 -8.47	79.10 0.97 -42.95	170.14 1.58 -104.16	164.69 3.42 0.00	171.34 3.34 -13.48	182.29 2.66 -63.89	150.32 2.86 -15.42	150.42 1.53 -86.25	119.59 1.91 -49.62	136.25 1.87 -79.22
ALBANY___LFGE 323615	97.84 3.61 0.00	102.00 3.48 0.00	100.48 3.42 0.00	107.96 3.67 0.00	113.45 3.56 0.00	97.47 3.52 -3.51	125.07 1.56 -87.06	204.90 2.09 -152.72	169.54 5.39 -34.09	130.95 5.31 0.00	108.66 4.61 -2.52	74.33 3.12 -0.13	59.16 2.57 -1.18	46.23 1.82 -2.25	59.30 2.06 -8.55	80.00 1.46 -43.36	172.10 2.54 -105.16	167.02 5.75 0.00	176.91 5.59 -16.80	196.61 4.30 -76.56	155.92 4.67 -19.21	162.19 2.36 -97.20	130.00 2.76 -59.18	152.87 2.44 -95.26
ALCOA_PA_115KV_PL-6C 55860	94.69 0.46 0.00	99.40 0.88 0.00	98.04 0.98 0.00	105.55 1.25 0.00	111.54 1.65 0.00	90.48 0.03 0.00	35.98 -0.48 0.00	49.43 -0.67 0.00	128.58 -1.48 0.00	124.18 -1.46 0.00	99.75 -1.78 0.00	70.11 -0.97 0.00	54.69 -0.72 0.00	41.56 -0.59 0.00	47.95 -0.75 0.00	34.56 -0.63 0.00	63.50 -0.90 0.00	159.56 -1.70 0.00	152.88 -1.64 0.00	114.44 -1.30 0.00	131.12 -0.92 0.00	62.02 -0.60 0.00	67.59 -0.47 0.00	55.07 -0.09 0.00
ALCOA_RYNLDS___DRP 24188	94.69 0.46 0.00	99.40 0.88 0.00	98.04 0.98 0.00	105.55 1.25 0.00	111.54 1.65 0.00	90.48 0.03 0.00	35.98 -0.48 0.00	49.43 -0.67 0.00	128.58 -1.48 0.00	124.18 -1.46 0.00	99.75 -1.78 0.00	70.11 -0.97 0.00	54.69 -0.72 0.00	41.56 -0.59 0.00	47.95 -0.75 0.00	34.56 -0.63 0.00	63.50 -0.90 0.00	159.56 -1.70 0.00	152.88 -1.64 0.00	114.44 -1.30 0.00	131.12 -0.92 0.00	62.02 -0.60 0.00	67.59 -0.47 0.00	55.07 -0.09 0.00
ALCOA___DSASP 323711	94.69 0.46 0.00	99.40 0.88 0.00	98.04 0.98 0.00	105.55 1.25 0.00	111.54 1.65 0.00	90.48 0.03 0.00	35.98 -0.47 0.00	49.45 -0.65 0.00	128.59 -1.47 0.00	124.18 -1.46 0.00	99.74 -1.78 0.00	70.11 -0.97 0.00	54.69 -0.72 0.00	41.56 -0.59 0.00	47.95 -0.74 0.00	34.56 -0.63 0.00	63.50 -0.90 0.00	159.59 -1.68 0.00	152.87 -1.65 0.00	114.44 -1.31 0.00	131.13 -0.92 0.00	62.01 -0.61 0.00	67.60 -0.46 0.00	55.09 -0.07 0.00
ALLEGHENY___COGEN 23514	92.52 -1.71 0.00	96.32 -2.20 0.00	92.69 -2.88 1.49	101.14 -3.16 0.00	107.27 -2.63 0.00	89.63 -0.79 0.02	44.88 -0.08 -8.50	53.36 -0.35 -3.61	106.75 -0.33 22.98	125.31 -0.32 0.00	102.74 0.86 -0.35	71.30 0.21 -0.02	54.04 -1.53 -0.16	40.63 -1.84 -0.31	47.62 -2.26 -1.19	40.15 -1.08 -6.05	74.17 -0.64 -10.41	144.90 -0.41 15.95	141.35 -0.84 12.33	102.00 -1.08 12.67	102.62 -2.58 26.84	64.12 -1.18 -2.68	33.68 -0.85 33.54	21.05 -0.84 33.27
ALTAMONT_115KV_TB 2 55880	97.44 3.21 0.00	101.63 3.12 0.00	100.12 3.07 0.00	107.55 3.25 0.00	113.06 3.16 0.00	97.06 3.14 -3.47	117.76 1.43 -79.88	186.67 1.97 -134.61	160.72 4.99 -25.68	130.42 4.78 0.00	108.10 4.08 -2.49	73.92 2.72 -0.13	58.72 2.15 -1.17	45.96 1.58 -2.23	59.00 1.85 -8.45	79.46 1.38 -42.90	170.94 2.50 -104.03	167.11 5.84 0.00	171.85 5.73 -11.60	176.94 4.42 -56.78	150.06 4.75 -13.27	145.29 2.41 -80.25	114.98 2.66 -44.26	127.51 2.13 -70.21
ALTONA_WT_PWR 323606	92.55 -1.68 0.00	97.31 -1.21 0.00	96.31 -0.74 0.00	104.35 0.05 0.00	110.32 0.42 0.00	88.99 -1.46 0.00	35.30 -1.15 0.00	48.38 -1.72 0.00	126.50 -3.56 0.00	121.02 -4.62 0.00	97.62 -3.90 0.00	68.57 -2.50 0.00	53.72 -1.68 0.00	40.89 -1.27 0.00	47.64 -1.05 0.00	34.61 -0.58 0.00	63.99 -0.41 0.00	160.94 -0.33 0.00	154.76 0.24 0.00	115.85 0.10 0.00	132.08 0.04 0.00	62.42 -0.21 0.00	67.91 -0.16 0.00	55.49 0.33 0.00
AMERICAN_REF_FUEL 24010	84.58 -9.66 0.00	88.21 -10.31 0.00	86.19 -9.94 0.93	93.48 -10.82 0.00	99.10 -10.79 0.00	82.86 -7.70 -0.12	41.02 -3.54 -8.10	51.88 -5.40 -7.18	104.16 -13.34 12.55	111.42 -14.22 0.00	91.88 -9.97 -0.31	64.38 -6.72 -0.02	49.75 -5.80 -0.15	37.62 -4.82 -0.28	43.97 -5.79 -1.07	36.01 -4.59 -5.41	66.31 -8.57 -10.48	128.32 -23.22 9.73	89.67 -23.01 41.83	47.73 -16.94 51.08	47.98 -19.64 64.42	27.37 -8.85 26.41	30.55 -7.32 30.20	29.17 -5.62 20.37
ARKWRIGHT___SUMMIT_WT_PWR 323751	83.78 -10.45 0.00	87.46 -11.06 0.00	85.35 -10.56 1.15	93.47 -10.83 0.00	99.50 -10.39 0.00	83.22 -7.32 -0.09	42.53 -2.86 -8.94	53.39 -4.19 -7.48	105.37 -9.80 14.88	115.94 -9.70 0.00	96.72 -5.16 -0.35	67.72 -3.37 -0.02	51.97 -3.60 -0.16	39.24 -3.23 -0.31	46.52 -3.36 -1.19	38.70 -2.52 -6.04	70.34 -5.39 -11.33	126.78 -17.79 16.70	62.11 -18.99 73.41	32.88 -14.59 68.28	35.46 -17.55 79.03	22.05 -7.84 32.74	23.37 -7.23 37.46	24.07 -5.28 25.81
ARTHUR KILL_GT_1 23520	64.12 5.67 35.79	66.44 5.10 37.17	61.56 4.86 40.36	60.48 5.07 48.90	62.08 4.62 52.43	58.47 4.99 36.97	69.34 2.50 -30.38	181.98 3.56 -128.32	188.45 8.98 -49.42	222.08 8.99 -87.45	-7.55 7.79 116.87	57.10 5.51 19.49	41.91 4.56 18.05	-495.91 3.78 541.84	46.01 4.39 7.07	55.20 3.02 -16.99	136.03 5.13 -66.51	153.69 12.19 19.77	148.86 11.60 17.26	138.86 8.79 -14.32	125.54 9.38 15.88	109.19 4.67 -41.89	90.43 4.75 -17.61	90.01 3.60 -31.24
ARTHUR_KILL_2 23512	63.85 5.40 35.79	66.16 4.82 37.17	61.29 4.59 40.36	60.20 4.80 48.90	61.76 4.30 52.43	58.20 4.72 36.97	69.22 2.38 -30.38	181.82 3.41 -128.32	188.05 8.58 -49.42	221.70 8.61 -87.45	-7.85 7.49 116.87	56.89 5.30 19.49	41.77 4.42 18.05	-496.03 3.66 541.84	45.88 4.26 7.07	55.10 2.92 -16.99	135.82 4.91 -66.51	153.17 11.67 19.77	148.38 11.12 17.26	138.48 8.41 -14.32	125.06 8.90 15.88	108.99 4.47 -41.89	90.23 4.55 -17.61	89.84 3.43 -31.24
ARTHUR_KILL_3 23513	63.83 5.39 35.80	66.20 4.87 37.18	61.36 4.67 40.37	60.35 4.95 48.91	57.40 4.42 56.92	48.52 4.94 46.86	69.24 2.41 -30.38	87.18 3.53 -33.54	-670.46 9.01 809.52	24.70 9.06 110.00	-2.60 7.80 111.93	58.24 5.48 18.32	41.83 4.48 18.05	-480.57 3.73 526.46	58.41 4.25 -5.47	63.13 2.89 -25.05	135.34 4.90 -66.05	153.09 11.59 19.77	148.45 11.20 17.26	138.48 8.42 -14.31	125.17 9.02 15.89	105.61 4.43 -38.55	77.79 4.54 -5.19	89.78 3.38 -31.23

ARTHUR_KILL_COGEN 323718	64.12 5.67 35.79	66.44 5.10 37.17	61.56 4.86 40.36	60.48 5.07 48.90	62.08 4.62 52.43	58.47 4.99 36.97	69.34 2.50 -30.38	181.98 3.56 -128.32	188.45 8.98 -49.42	222.08 8.99 -87.45	-7.55 7.79 116.87	57.10 5.51 19.49	41.91 4.56 18.05	-495.91 3.78 541.84	46.01 4.39 7.07	55.20 3.02 -16.99	136.03 5.13 -66.51	153.69 12.19 19.77	148.86 11.60 17.26	138.86 8.79 -14.32	125.54 9.38 15.88	109.19 4.67 -41.89	90.43 4.75 -17.61	90.01 3.60 -31.24
ASHOKAN____ 23654	100.07 5.84 0.00	104.09 5.58 0.00	102.41 5.36 0.00	110.00 5.70 0.00	115.61 5.72 0.00	99.19 5.56 -3.19	110.53 2.59 -71.49	172.26 3.40 -118.76	160.52 9.24 -21.23	135.06 9.43 0.00	111.08 7.26 -2.29	75.58 4.38 -0.12	59.71 3.23 -1.07	46.66 2.47 -2.04	59.21 2.76 -7.76	76.56 2.00 -39.37	164.25 4.36 -95.49	173.72 12.45 0.00	175.03 11.32 -9.20	170.61 8.25 -46.61	152.00 9.44 -10.52	135.90 4.24 -69.04	109.07 4.53 -36.48	116.20 3.59 -57.45
ASTORIA_EAST_ENERGY_CC1 323581	100.11 5.87 0.00	103.87 5.35 0.00	102.21 5.15 0.00	109.67 5.37 0.00	114.85 4.96 0.00	98.67 5.38 -2.85	99.66 2.72 -60.49	151.19 3.92 -97.17	156.28 9.93 -16.30	136.55 9.85 -1.07	112.57 8.52 -2.53	77.29 5.99 -0.22	61.29 4.92 -0.96	49.47 4.08 -3.23	60.74 4.48 -7.56	74.06 3.17 -35.70	155.28 5.42 -85.46	174.28 13.01 0.00	172.58 12.58 -5.49	156.62 9.55 -31.33	148.56 10.25 -6.28	120.74 5.06 -53.05	98.09 5.20 -24.83	97.10 3.69 -38.25
ASTORIA_EAST_ENERGY_CC2 323582	100.11 5.87 0.00	103.87 5.35 0.00	102.21 5.15 0.00	109.67 5.37 0.00	114.85 4.96 0.00	98.67 5.38 -2.85	99.66 2.72 -60.49	151.19 3.92 -97.17	156.28 9.93 -16.30	136.55 9.85 -1.07	112.57 8.52 -2.53	77.29 5.99 -0.22	61.29 4.92 -0.96	49.47 4.08 -3.23	60.74 4.48 -7.56	74.06 3.17 -35.70	155.28 5.42 -85.46	174.28 13.01 0.00	172.58 12.58 -5.49	156.62 9.55 -31.33	148.56 10.25 -6.28	120.74 5.06 -53.05	98.09 5.20 -24.83	97.10 3.69 -38.25
ASTORIA_GT2_1 24094	100.18 5.95 0.00	103.95 5.44 0.00	102.28 5.22 0.00	109.72 5.42 0.00	114.92 5.03 0.00	98.74 5.45 -2.85	99.67 2.73 -60.49	151.24 3.97 -97.17	156.35 10.00 -16.30	136.59 9.89 -1.07	112.63 8.57 -2.53	77.35 6.05 -0.22	61.30 4.94 -0.96	49.47 4.08 -3.23	60.77 4.51 -7.57	74.06 3.18 -35.70	155.34 5.49 -85.46	174.34 13.07 0.00	172.62 12.61 -5.49	156.63 9.56 -31.33	148.60 10.28 -6.28	120.77 5.09 -53.05	98.03 5.14 -24.83	97.13 3.71 -38.25
ASTORIA_GT2_2 24095	100.18 5.95 0.00	103.95 5.44 0.00	102.28 5.22 0.00	109.72 5.42 0.00	114.92 5.03 0.00	98.74 5.45 -2.85	99.67 2.73 -60.49	151.24 3.97 -97.17	156.35 10.00 -16.30	136.59 9.89 -1.07	112.63 8.57 -2.53	77.35 6.05 -0.22	61.30 4.94 -0.96	49.47 4.08 -3.23	60.77 4.51 -7.57	74.06 3.18 -35.70	155.34 5.49 -85.46	174.34 13.07 0.00	172.62 12.61 -5.49	156.63 9.56 -31.33	148.60 10.28 -6.28	120.77 5.09 -53.05	98.03 5.14 -24.83	97.13 3.71 -38.25
ASTORIA_GT2_3 24096	100.18 5.95 0.00	103.95 5.44 0.00	102.28 5.22 0.00	109.72 5.42 0.00	114.92 5.03 0.00	98.74 5.45 -2.85	99.67 2.73 -60.49	151.24 3.97 -97.17	156.35 10.00 -16.30	136.59 9.89 -1.07	112.63 8.57 -2.53	77.35 6.05 -0.22	61.30 4.94 -0.96	49.47 4.08 -3.23	60.77 4.51 -7.57	74.06 3.18 -35.70	155.34 5.49 -85.46	174.34 13.07 0.00	172.62 12.61 -5.49	156.63 9.56 -31.33	148.60 10.28 -6.28	120.77 5.09 -53.05	98.03 5.14 -24.83	97.13 3.71 -38.25
ASTORIA_GT2_4 24097	100.18 5.95 0.00	103.95 5.44 0.00	102.28 5.22 0.00	109.72 5.42 0.00	114.92 5.03 0.00	98.74 5.45 -2.85	99.67 2.73 -60.49	151.24 3.97 -97.17	156.35 10.00 -16.30	136.59 9.89 -1.07	112.63 8.57 -2.53	77.35 6.05 -0.22	61.30 4.94 -0.96	49.47 4.08 -3.23	60.77 4.51 -7.57	74.06 3.18 -35.70	155.34 5.49 -85.46	174.34 13.07 0.00	172.62 12.61 -5.49	156.63 9.56 -31.33	148.60 10.28 -6.28	120.77 5.09 -53.05	98.03 5.14 -24.83	97.13 3.71 -38.25
ASTORIA_GT3_1 24098	100.18 5.95 0.00	103.95 5.44 0.00	102.28 5.22 0.00	109.72 5.42 0.00	114.92 5.03 0.00	98.74 5.45 -2.85	99.67 2.73 -60.49	151.24 3.97 -97.17	156.35 10.00 -16.30	136.59 9.89 -1.07	112.63 8.57 -2.53	77.35 6.05 -0.22	61.30 4.94 -0.96	49.47 4.08 -3.23	60.77 4.51 -7.57	74.06 3.18 -35.70	155.34 5.49 -85.46	174.34 13.07 0.00	172.62 12.61 -5.49	156.63 9.56 -31.33	148.60 10.28 -6.28	120.77 5.09 -53.05	98.03 5.14 -24.83	97.13 3.71 -38.25
ASTORIA_GT3_2 24099	100.18 5.95 0.00	103.95 5.44 0.00	102.28 5.22 0.00	109.72 5.42 0.00	114.92 5.03 0.00	98.74 5.45 -2.85	99.67 2.73 -60.49	151.24 3.97 -97.17	156.35 10.00 -16.30	136.59 9.89 -1.07	112.63 8.57 -2.53	77.35 6.05 -0.22	61.30 4.94 -0.96	49.47 4.08 -3.23	60.77 4.51 -7.57	74.06 3.18 -35.70	155.34 5.49 -85.46	174.34 13.07 0.00	172.62 12.61 -5.49	156.63 9.56 -31.33	148.60 10.28 -6.28	120.77 5.09 -53.05	98.03 5.14 -24.83	97.13 3.71 -38.25
ASTORIA_GT3_3 24100	100.18 5.95 0.00	103.95 5.44 0.00	102.28 5.22 0.00	109.72 5.42 0.00	114.92 5.03 0.00	98.74 5.45 -2.85	99.67 2.73 -60.49	151.24 3.97 -97.17	156.35 10.00 -16.30	136.59 9.89 -1.07	112.63 8.57 -2.53	77.35 6.05 -0.22	61.30 4.94 -0.96	49.47 4.08 -3.23	60.77 4.51 -7.57	74.06 3.18 -35.70	155.34 5.49 -85.46	174.34 13.07 0.00	172.62 12.61 -5.49	156.63 9.56 -31.33	148.60 10.28 -6.28	120.77 5.09 -53.05	98.03 5.14 -24.83	97.13 3.71 -38.25
ASTORIA_GT3_4 24101	100.18 5.95 0.00	103.95 5.44 0.00	102.28 5.22 0.00	109.72 5.42 0.00	114.92 5.03 0.00	98.74 5.45 -2.85	99.67 2.73 -60.49	151.24 3.97 -97.17	156.35 10.00 -16.30	136.59 9.89 -1.07	112.63 8.57 -2.53	77.35 6.05 -0.22	61.30 4.94 -0.96	49.47 4.08 -3.23	60.77 4.51 -7.57	74.06 3.18 -35.70	155.34 5.49 -85.46	174.34 13.07 0.00	172.62 12.61 -5.49	156.63 9.56 -31.33	148.60 10.28 -6.28	120.77 5.09 -53.05	98.03 5.14 -24.83	97.13 3.71 -38.25
ASTORIA_GT4_1 24102	100.18 5.95 0.00	103.95 5.44 0.00	102.28 5.22 0.00	109.72 5.42 0.00	114.92 5.03 0.00	98.74 5.45 -2.85	99.67 2.73 -60.49	151.24 3.97 -97.17	156.35 10.00 -16.30	136.59 9.89 -1.07	112.63 8.57 -2.53	77.35 6.05 -0.22	61.30 4.94 -0.96	49.47 4.08 -3.23	60.77 4.51 -7.57	74.06 3.18 -35.70	155.34 5.49 -85.46	174.34 13.07 0.00	172.62 12.61 -5.49	156.63 9.56 -31.33	148.60 10.28 -6.28	120.77 5.09 -53.05	98.03 5.14 -24.83	97.13 3.71 -38.25
ASTORIA_GT4_2 24103	100.18 5.95 0.00	103.95 5.44 0.00	102.28 5.22 0.00	109.72 5.42 0.00	114.92 5.03 0.00	98.74 5.45 -2.85	99.67 2.73 -60.49	151.24 3.97 -97.17	156.35 10.00 -16.30	136.59 9.89 -1.07	112.63 8.57 -2.53	77.35 6.05 -0.22	61.30 4.94 -0.96	49.47 4.08 -3.23	60.77 4.51 -7.57	74.06 3.18 -35.70	155.34 5.49 -85.46	174.34 13.07 0.00	172.62 12.61 -5.49	156.63 9.56 -31.33	148.60 10.28 -6.28	120.77 5.09 -53.05	98.03 5.14 -24.83	97.13 3.71 -38.25
ASTORIA_GT4_3 24104	100.18 5.95 0.00	103.95 5.44 0.00	102.28 5.22 0.00	109.72 5.42 0.00	114.92 5.03 0.00	98.74 5.45 -2.85	99.67 2.73 -60.49	151.24 3.97 -97.17	156.35 10.00 -16.30	136.59 9.89 -1.07	112.63 8.57 -2.53	77.35 6.05 -0.22	61.30 4.94 -0.96	49.47 4.08 -3.23	60.77 4.51 -7.57	74.06 3.18 -35.70	155.34 5.49 -85.46	174.34 13.07 0.00	172.62 12.61 -5.49	156.63 9.56 -31.33	148.60 10.28 -6.28	120.77 5.09 -53.05	98.03 5.14 -24.83	97.13 3.71 -38.25

ASTORIA_GT4_4 24105	100.18 5.95 0.00	103.95 5.44 0.00	102.28 5.22 0.00	109.72 5.42 0.00	114.92 5.03 0.00	98.74 5.45 -2.85	99.67 2.73 -60.49	151.24 3.97 -97.17	156.35 10.00 -16.30	136.59 9.89 -1.07	112.63 8.57 -2.53	77.35 6.05 -0.22	61.30 4.94 -0.96	49.47 4.08 -3.23	60.77 4.51 -7.57	74.06 3.18 -35.70	155.34 5.49 -85.46	174.34 13.07 0.00	172.62 12.61 -5.49	156.63 9.56 -31.33	148.60 10.28 -6.28	120.77 5.09 -53.05	98.03 5.14 -24.83	97.13 3.71 -38.25
ASTORIA_GT_1 23523	100.33 6.10 0.00	104.11 5.59 0.00	102.43 5.37 0.00	109.90 5.60 0.00	115.13 5.23 0.00	98.91 5.61 -2.85	99.74 2.80 -60.49	151.34 4.07 -97.17	156.64 10.28 -16.30	136.89 10.19 -1.07	112.83 8.77 -2.53	77.50 6.20 -0.22	61.43 5.07 -0.96	49.57 4.19 -3.23	60.88 4.62 -7.56	74.14 3.25 -35.70	155.46 5.61 -85.46	174.69 13.42 0.00	172.99 12.99 -5.49	156.91 9.84 -31.33	148.90 10.58 -6.28	120.90 5.22 -53.05	98.23 5.34 -24.83	97.22 3.81 -38.25
ASTORIA_GT_10 24110	100.35 6.12 0.00	104.15 5.64 0.00	102.49 5.43 0.00	110.00 5.70 0.00	115.17 5.28 0.00	98.80 5.51 -2.85	99.65 2.71 -60.49	151.19 3.93 -97.17	164.16 9.94 -24.16	141.53 9.91 -5.99	114.87 8.58 -4.76	77.90 6.07 -0.76	61.35 4.99 -0.96	56.09 4.09 -9.85	63.97 4.67 -10.61	76.56 3.21 -38.16	155.83 5.43 -86.00	174.16 12.89 0.00	172.27 12.27 -5.49	156.26 9.18 -31.33	148.22 9.91 -6.28	120.54 4.86 -53.05	97.94 5.05 -24.83	97.27 3.85 -38.25
ASTORIA_GT_11 24225	100.35 6.12 0.00	104.15 5.64 0.00	102.49 5.43 0.00	110.00 5.70 0.00	115.17 5.28 0.00	98.80 5.51 -2.85	99.65 2.71 -60.49	151.19 3.93 -97.17	164.16 9.94 -24.16	141.53 9.91 -5.99	114.87 8.58 -4.76	77.90 6.07 -0.76	61.35 4.99 -0.96	56.09 4.09 -9.85	63.97 4.67 -10.61	76.56 3.21 -38.16	155.83 5.43 -86.00	174.16 12.89 0.00	172.27 12.27 -5.49	156.26 9.18 -31.33	148.22 9.91 -6.28	120.54 4.86 -53.05	97.94 5.05 -24.83	97.27 3.85 -38.25
ASTORIA_GT_12 24226	100.35 6.12 0.00	104.15 5.64 0.00	102.49 5.43 0.00	110.00 5.70 0.00	115.17 5.28 0.00	98.80 5.51 -2.85	99.65 2.71 -60.49	151.19 3.93 -97.17	164.16 9.94 -24.16	141.53 9.91 -5.99	114.87 8.58 -4.76	77.90 6.07 -0.76	61.35 4.99 -0.96	56.09 4.09 -9.85	63.97 4.67 -10.61	76.56 3.21 -38.16	155.83 5.43 -86.00	174.16 12.89 0.00	172.27 12.27 -5.49	156.26 9.18 -31.33	148.22 9.91 -6.28	120.54 4.86 -53.05	97.94 5.05 -24.83	97.27 3.85 -38.25
ASTORIA_GT_13 24227	100.35 6.12 0.00	104.15 5.64 0.00	102.49 5.43 0.00	110.00 5.70 0.00	115.17 5.28 0.00	98.80 5.51 -2.85	99.65 2.71 -60.49	151.19 3.93 -97.17	164.16 9.94 -24.16	141.53 9.91 -5.99	114.87 8.58 -4.76	77.90 6.07 -0.76	61.35 4.99 -0.96	56.09 4.09 -9.85	63.97 4.67 -10.61	76.56 3.21 -38.16	155.83 5.43 -86.00	174.16 12.89 0.00	172.27 12.27 -5.49	156.26 9.18 -31.33	148.22 9.91 -6.28	120.54 4.86 -53.05	97.94 5.05 -24.83	97.27 3.85 -38.25
ASTORIA_GT_5 24106	100.32 6.09 0.00	104.10 5.58 0.00	102.43 5.37 0.00	109.90 5.60 0.00	115.13 5.23 0.00	98.91 5.62 -2.85	99.75 2.80 -60.49	151.34 4.08 -97.17	156.61 10.26 -16.30	136.87 10.17 -1.07	112.83 8.78 -2.53	77.49 6.19 -0.22	61.42 5.06 -0.96	49.56 4.17 -3.23	60.88 4.62 -7.57	74.14 3.25 -35.70	155.47 5.62 -85.46	174.70 13.44 0.00	172.95 12.95 -5.49	156.87 9.80 -31.33	148.86 10.55 -6.28	120.89 5.22 -53.05	98.16 5.27 -24.83	97.23 3.81 -38.25
ASTORIA_GT_7 24107	100.32 6.09 0.00	104.10 5.58 0.00	102.43 5.37 0.00	109.90 5.60 0.00	115.13 5.23 0.00	98.91 5.62 -2.85	99.75 2.80 -60.49	151.34 4.08 -97.17	156.61 10.26 -16.30	136.87 10.17 -1.07	112.83 8.78 -2.53	77.49 6.19 -0.22	61.42 5.06 -0.96	49.56 4.17 -3.23	60.88 4.62 -7.57	74.14 3.25 -35.70	155.47 5.62 -85.46	174.70 13.44 0.00	172.95 12.95 -5.49	156.87 9.80 -31.33	148.86 10.55 -6.28	120.89 5.22 -53.05	98.16 5.27 -24.83	97.23 3.81 -38.25
ASTORIA_GT_8 24108	100.32 6.09 0.00	104.10 5.58 0.00	102.43 5.37 0.00	109.90 5.60 0.00	115.13 5.23 0.00	98.91 5.62 -2.85	99.75 2.80 -60.49	151.34 4.08 -97.17	156.61 10.26 -16.30	136.87 10.17 -1.07	112.83 8.78 -2.53	77.49 6.19 -0.22	61.42 5.06 -0.96	49.56 4.17 -3.23	60.88 4.62 -7.57	74.14 3.25 -35.70	155.47 5.62 -85.46	174.70 13.44 0.00	172.95 12.95 -5.49	156.87 9.80 -31.33	148.86 10.55 -6.28	120.89 5.22 -53.05	98.16 5.27 -24.83	97.23 3.81 -38.25
ASTORIA___2 24149	100.18 5.94 0.00	103.95 5.44 0.00	102.29 5.22 0.00	109.73 5.43 0.00	114.93 5.04 0.00	98.74 5.45 -2.85	99.67 2.73 -60.49	151.23 3.96 -97.17	156.38 10.03 -16.30	136.62 9.92 -1.07	112.63 8.57 -2.53	77.35 6.06 -0.22	61.31 4.95 -0.96	49.48 4.10 -3.23	60.77 4.51 -7.56	74.07 3.18 -35.70	155.33 5.48 -85.46	174.32 13.05 0.00	172.67 12.67 -5.49	156.67 9.60 -31.33	148.60 10.28 -6.28	120.76 5.09 -53.05	98.12 5.23 -24.83	97.14 3.72 -38.25
ASTORIA___3 23516	100.35 6.12 0.00	104.15 5.64 0.00	102.48 5.42 0.00	110.00 5.70 0.00	115.17 5.28 0.00	98.80 5.51 -2.85	99.66 2.71 -60.49	151.18 3.91 -97.17	164.17 9.94 -24.16	141.55 9.93 -5.99	114.87 8.58 -4.76	77.90 6.06 -0.76	61.36 4.99 -0.96	56.10 4.10 -9.85	63.97 4.67 -10.61	76.56 3.22 -38.16	155.81 5.41 -86.00	174.10 12.84 0.00	172.30 12.30 -5.49	156.31 9.23 -31.33	148.24 9.92 -6.28	120.55 4.87 -53.05	97.98 5.09 -24.83	97.26 3.84 -38.25
ASTORIA___4 23517	100.35 6.12 0.00	104.15 5.64 0.00	102.49 5.43 0.00	110.00 5.70 0.00	115.17 5.28 0.00	98.80 5.51 -2.85	99.65 2.71 -60.49	151.19 3.93 -97.17	164.16 9.94 -24.16	141.53 9.91 -5.99	114.87 8.58 -4.76	77.90 6.07 -0.76	61.35 4.99 -0.96	56.09 4.09 -9.85	63.97 4.67 -10.61	76.56 3.21 -38.16	155.82 5.42 -86.00	174.14 12.88 0.00	172.27 12.27 -5.49	156.26 9.18 -31.33	148.22 9.91 -6.28	120.54 4.86 -53.05	97.94 5.05 -24.83	97.27 3.85 -38.25
ASTORIA___5 23518	100.35 6.12 0.00	104.15 5.64 0.00	102.49 5.43 0.00	110.00 5.70 0.00	115.17 5.28 0.00	98.80 5.51 -2.85	99.66 2.71 -60.49	151.18 3.91 -97.17	164.17 9.94 -24.16	141.55 9.93 -5.99	114.87 8.58 -4.76	77.90 6.06 -0.76	61.36 4.99 -0.96	56.10 4.10 -9.85	63.97 4.67 -10.61	76.56 3.22 -38.16	155.82 5.42 -86.00	174.12 12.85 0.00	172.30 12.30 -5.49	156.32 9.24 -31.33	148.24 9.92 -6.28	120.55 4.87 -53.05	97.98 5.09 -24.83	97.26 3.84 -38.25
AST_ENERGY_2_CC3 323677	99.86 5.62 0.00	103.57 5.05 0.00	101.92 4.86 0.00	109.38 5.07 0.00	114.44 4.55 0.00	98.38 5.08 -2.85	99.43 2.49 -60.49	150.90 3.64 -97.16	155.03 9.29 -15.68	135.65 9.33 -0.68	111.97 8.09 -2.35	77.06 5.81 -0.18	61.11 4.75 -0.96	48.81 3.92 -2.73	60.50 4.47 -7.34	73.76 3.06 -35.52	154.93 5.13 -85.41	173.40 12.13 0.00	171.74 11.74 -5.48	155.87 8.80 -31.32	147.75 9.43 -6.27	120.32 4.65 -53.05	97.64 4.75 -24.83	96.94 3.52 -38.25
AST_ENERGY_2_CC4 323678	99.86 5.62 0.00	103.57 5.05 0.00	101.92 4.86 0.00	109.38 5.07 0.00	114.44 4.55 0.00	98.38 5.08 -2.85	99.43 2.49 -60.49	150.90 3.64 -97.16	155.03 9.29 -15.68	135.65 9.33 -0.68	111.97 8.09 -2.35	77.06 5.81 -0.18	61.11 4.75 -0.96	48.81 3.92 -2.73	60.50 4.47 -7.34	73.76 3.06 -35.52	154.93 5.13 -85.41	173.40 12.13 0.00	171.74 11.74 -5.48	155.87 8.80 -31.32	147.75 9.43 -6.27	120.32 4.65 -53.05	97.64 4.75 -24.83	96.94 3.52 -38.25

ATHENS_STG_1 23668	98.03 3.80 0.00	102.15 3.63 0.00	100.57 3.52 0.00	108.05 3.75 0.00	113.44 3.54 0.00	97.16 3.59 -3.12	103.72 1.71 -65.57	157.02 2.40 -104.53	151.14 6.07 -15.01	131.61 5.98 0.00	109.02 5.25 -2.24	74.80 3.60 -0.12	59.32 2.87 -1.05	46.35 2.19 -2.00	58.90 2.60 -7.61	75.67 1.90 -38.59	161.31 3.32 -93.58	168.90 7.63 0.00	167.33 7.41 -5.40	153.49 5.72 -32.02	144.39 6.17 -6.18	121.93 3.09 -56.21	96.82 3.29 -25.47	96.64 2.48 -39.00
ATHENS_STG_2 23670	98.03 3.80 0.00	102.15 3.63 0.00	100.57 3.52 0.00	108.05 3.75 0.00	113.44 3.54 0.00	97.16 3.59 -3.12	103.72 1.71 -65.57	157.02 2.40 -104.53	151.14 6.07 -15.01	131.61 5.98 0.00	109.02 5.25 -2.24	74.80 3.60 -0.12	59.32 2.87 -1.05	46.35 2.19 -2.00	58.90 2.60 -7.61	75.67 1.90 -38.59	161.31 3.32 -93.58	168.90 7.63 0.00	167.33 7.41 -5.40	153.49 5.72 -32.02	144.39 6.17 -6.18	121.93 3.09 -56.21	96.82 3.29 -25.47	96.64 2.48 -39.00
ATHENS_STG_3 23677	98.03 3.80 0.00	102.15 3.63 0.00	100.57 3.52 0.00	108.05 3.75 0.00	113.44 3.54 0.00	97.16 3.59 -3.12	103.72 1.71 -65.57	157.02 2.40 -104.53	151.14 6.07 -15.01	131.61 5.98 0.00	109.02 5.25 -2.24	74.80 3.60 -0.12	59.32 2.87 -1.05	46.35 2.19 -2.00	58.90 2.60 -7.61	75.67 1.90 -38.59	161.31 3.32 -93.58	168.90 7.63 0.00	167.33 7.41 -5.40	153.49 5.72 -32.02	144.39 6.17 -6.18	121.93 3.09 -56.21	96.82 3.29 -25.47	96.64 2.48 -39.00
AUBURN___LFGE 323710	93.24 -1.00 0.00	97.32 -1.20 0.00	96.19 -1.24 -0.37	102.98 -1.32 0.00	108.61 -1.28 0.00	90.23 -0.70 -0.49	44.33 -0.04 -7.91	65.24 -0.02 -15.16	137.67 -0.04 -7.65	125.36 -0.28 0.00	101.70 -0.08 -0.26	70.77 -0.32 -0.01	55.12 -0.41 -0.12	42.06 -0.32 -0.23	49.21 -0.36 -0.88	39.54 -0.10 -4.46	76.33 0.06 -11.88	164.69 -0.55 -3.97	168.64 -0.58 -14.70	137.53 -0.13 -21.92	153.41 -0.60 -21.96	79.69 -0.36 -17.42	83.27 -0.36 -15.57	69.45 -0.40 -14.68
BABYLON_RES_REC 323704	101.80 7.56 0.00	105.60 7.08 0.00	103.72 6.66 0.00	111.58 7.28 0.00	116.59 6.69 0.00	104.71 7.15 -7.11	100.02 3.10 -60.47	151.48 4.26 -97.13	156.16 10.16 -15.94	136.49 10.01 -0.85	113.10 9.14 -2.43	77.75 6.47 -0.20	61.52 5.16 -0.96	48.65 3.66 -2.84	60.22 4.15 -7.38	73.67 2.95 -35.54	155.08 5.30 -85.39	173.05 11.78 0.00	171.16 11.16 -5.48	155.96 8.89 -31.32	148.18 9.86 -6.27	142.11 5.59 -73.90	126.51 6.38 -52.07	98.01 4.61 -38.24
BABYLON___69_KV_BK2 356345	102.81 8.57 0.00	106.64 8.12 0.00	104.77 7.71 0.00	112.70 8.39 0.00	117.72 7.82 0.00	105.74 8.18 -7.11	100.41 3.49 -60.47	151.95 4.72 -97.13	157.22 11.22 -15.94	137.64 11.16 -0.85	114.13 10.18 -2.43	78.46 7.18 -0.20	62.02 5.66 -0.96	49.22 4.24 -2.83	61.01 4.94 -7.38	74.28 3.56 -35.54	156.39 6.60 -85.39	176.33 15.06 0.00	174.27 14.27 -5.48	158.46 11.40 -31.32	151.06 12.75 -6.27	143.32 6.79 -73.90	127.27 7.14 -52.07	98.61 5.21 -38.24
BALL_HILL_WT_PWR 323825	85.52 -8.71 0.00	89.20 -9.31 0.00	86.94 -9.04 1.08	94.83 -9.47 0.00	100.56 -9.33 0.00	83.99 -6.56 -0.10	42.35 -2.73 -8.62	53.14 -4.15 -7.19	105.80 -9.80 14.46	115.78 -9.86 0.00	95.91 -5.95 -0.34	67.11 -3.99 -0.02	51.72 -3.85 -0.16	39.11 -3.35 -0.30	45.99 -3.85 -1.15	38.03 -2.97 -5.81	69.67 -5.74 -11.01	132.30 -16.84 12.12	81.50 -17.33 55.68	37.92 -13.19 64.63	37.08 -15.78 79.18	21.76 -7.15 33.71	25.87 -6.23 35.96	26.42 -4.74 24.00
BARON_WINDS___WT_PWR 323822	87.43 -6.81 0.00	90.99 -7.53 0.00	86.79 -8.41 1.86	95.25 -9.05 0.00	100.74 -9.15 0.00	83.95 -6.49 0.01	45.26 -2.55 -11.35	52.14 -3.87 -5.91	93.25 -9.17 27.63	118.12 -7.51 0.00	97.50 -4.48 -0.45	67.75 -3.35 -0.02	52.29 -3.33 -0.21	39.76 -2.80 -0.40	47.05 -3.17 -1.53	40.81 -2.12 -7.74	74.43 -3.42 -13.45	131.95 -9.38 19.93	5.66 -9.91 138.95	-64.28 -8.52 171.51	-79.36 -10.42 200.99	-43.76 -4.91 101.47	-13.82 -5.10 76.78	6.67 -4.30 44.19
BARRETT_IC_1 23704	100.76 6.52 0.00	104.51 5.99 0.00	102.71 5.65 0.00	110.71 6.41 0.00	115.80 5.90 0.00	103.87 6.31 -7.11	99.65 2.73 -60.47	151.04 3.81 -97.13	155.18 9.17 -15.95	135.61 9.12 -0.85	112.29 8.33 -2.43	77.37 6.09 -0.20	61.37 5.01 -0.96	48.98 3.94 -2.88	60.67 4.57 -7.40	73.84 3.10 -35.56	154.85 5.05 -85.40	172.98 11.72 0.00	171.25 11.25 -5.48	155.89 8.82 -31.32	148.23 9.92 -6.27	141.75 5.22 -73.90	125.57 5.44 -52.07	97.30 3.90 -38.24
BARRETT_IC_10 23701	100.76 6.52 0.00	104.51 5.99 0.00	102.71 5.65 0.00	110.71 6.41 0.00	115.80 5.90 0.00	103.87 6.31 -7.11	99.65 2.73 -60.47	151.04 3.81 -97.13	155.18 9.17 -15.95	135.61 9.12 -0.85	112.29 8.33 -2.43	77.37 6.09 -0.20	61.37 5.01 -0.96	48.98 3.94 -2.88	60.67 4.57 -7.40	73.84 3.10 -35.56	154.85 5.05 -85.40	172.98 11.72 0.00	171.25 11.25 -5.48	155.89 8.82 -31.32	148.23 9.92 -6.27	141.75 5.22 -73.90	125.57 5.44 -52.07	97.30 3.90 -38.24
BARRETT_IC_11 23702	100.76 6.52 0.00	104.51 5.99 0.00	102.71 5.65 0.00	110.71 6.41 0.00	115.80 5.90 0.00	103.87 6.31 -7.11	99.65 2.73 -60.47	151.04 3.81 -97.13	155.18 9.17 -15.95	135.61 9.12 -0.85	112.29 8.33 -2.43	77.37 6.09 -0.20	61.37 5.01 -0.96	48.98 3.94 -2.88	60.67 4.57 -7.40	73.84 3.10 -35.56	154.85 5.05 -85.40	172.98 11.72 0.00	171.25 11.25 -5.48	155.89 8.82 -31.32	148.23 9.92 -6.27	141.75 5.22 -73.90	125.57 5.44 -52.07	97.30 3.90 -38.24
BARRETT_IC_12 23703	100.76 6.52 0.00	104.51 5.99 0.00	102.71 5.65 0.00	110.71 6.41 0.00	115.80 5.90 0.00	103.87 6.31 -7.11	99.65 2.73 -60.47	151.04 3.81 -97.13	155.18 9.17 -15.95	135.61 9.12 -0.85	112.29 8.33 -2.43	77.37 6.09 -0.20	61.37 5.01 -0.96	48.98 3.94 -2.88	60.67 4.57 -7.40	73.84 3.10 -35.56	154.85 5.05 -85.40	172.98 11.72 0.00	171.25 11.25 -5.48	155.89 8.82 -31.32	148.23 9.92 -6.27	141.75 5.22 -73.90	125.57 5.44 -52.07	97.30 3.90 -38.24
BARRETT_IC_2 23705	100.76 6.52 0.00	104.51 5.99 0.00	102.71 5.65 0.00	110.71 6.41 0.00	115.80 5.90 0.00	103.87 6.31 -7.11	99.65 2.73 -60.47	151.04 3.81 -97.13	155.18 9.17 -15.95	135.61 9.12 -0.85	112.29 8.33 -2.43	77.37 6.09 -0.20	61.37 5.01 -0.96	48.98 3.94 -2.88	60.67 4.57 -7.40	73.84 3.10 -35.56	154.85 5.05 -85.40	172.98 11.72 0.00	171.25 11.25 -5.48	155.89 8.82 -31.32	148.23 9.92 -6.27	141.75 5.22 -73.90	125.57 5.44 -52.07	97.30 3.90 -38.24
BARRETT_IC_3 23706	100.76 6.52 0.00	104.51 5.99 0.00	102.71 5.65 0.00	110.71 6.41 0.00	115.80 5.90 0.00	103.87 6.31 -7.11	99.65 2.73 -60.47	151.04 3.81 -97.13	155.18 9.17 -15.95	135.61 9.12 -0.85	112.29 8.33 -2.43	77.37 6.09 -0.20	61.37 5.01 -0.96	48.98 3.94 -2.88	60.67 4.57 -7.40	73.84 3.10 -35.56	154.85 5.05 -85.40	172.98 11.72 0.00	171.25 11.25 -5.48	155.89 8.82 -31.32	148.23 9.92 -6.27	141.75 5.22 -73.90	125.57 5.44 -52.07	97.30 3.90 -38.24
BARRETT_IC_4 23707	100.76 6.52 0.00	104.51 5.99 0.00	102.71 5.65 0.00	110.71 6.41 0.00	115.80 5.90 0.00	103.87 6.31 -7.11	99.65 2.73 -60.47	151.04 3.81 -97.13	155.18 9.17 -15.95	135.61 9.12 -0.85	112.29 8.33 -2.43	77.37 6.09 -0.20	61.37 5.01 -0.96	48.98 3.94 -2.88	60.67 4.57 -7.40	73.84 3.10 -35.56	154.85 5.05 -85.40	172.98 11.72 0.00	171.25 11.25 -5.48	155.89 8.82 -31.32	148.23 9.92 -6.27	141.75 5.22 -73.90	125.57 5.44 -52.07	97.30 3.90 -38.24

BARRETT_IC_5 23708	100.76 6.52 0.00	104.51 5.99 0.00	102.71 5.65 0.00	110.71 6.41 0.00	115.80 5.90 0.00	103.87 6.31 -7.11	99.65 2.73 -60.47	151.04 3.81 -97.13	155.18 9.17 -15.95	135.61 9.12 -0.85	112.29 8.33 -2.43	77.37 6.09 -0.20	61.37 5.01 -0.96	48.98 3.94 -2.88	60.67 4.57 -7.40	73.84 3.10 -35.56	154.85 5.05 -85.40	172.98 11.72 0.00	171.25 11.25 -5.48	155.89 8.82 -31.32	148.23 9.92 -6.27	141.75 5.22 -73.90	125.57 5.44 -52.07	97.30 3.90 -38.24
BARRETT_IC_6 23709	100.76 6.52 0.00	104.51 5.99 0.00	102.71 5.65 0.00	110.71 6.41 0.00	115.80 5.90 0.00	103.87 6.31 -7.11	99.65 2.73 -60.47	151.04 3.81 -97.13	155.18 9.17 -15.95	135.61 9.12 -0.85	112.29 8.33 -2.43	77.37 6.09 -0.20	61.37 5.01 -0.96	48.98 3.94 -2.88	60.67 4.57 -7.40	73.84 3.10 -35.56	154.85 5.05 -85.40	172.98 11.72 0.00	171.25 11.25 -5.48	155.89 8.82 -31.32	148.23 9.92 -6.27	141.75 5.22 -73.90	125.57 5.44 -52.07	97.30 3.90 -38.24
BARRETT_IC_7 23710	100.76 6.52 0.00	104.51 5.99 0.00	102.71 5.65 0.00	110.71 6.41 0.00	115.80 5.91 0.00	103.86 6.30 -7.11	99.65 2.73 -60.47	151.04 3.81 -97.13	155.17 9.16 -15.95	135.59 9.10 -0.85	112.29 8.33 -2.43	77.37 6.09 -0.20	61.37 5.00 -0.96	48.97 3.93 -2.88	60.67 4.57 -7.40	73.84 3.10 -35.56	154.83 5.04 -85.40	173.01 11.74 0.00	171.23 11.23 -5.48	155.86 8.79 -31.32	148.20 9.88 -6.27	141.75 5.22 -73.90	125.54 5.41 -52.07	97.28 3.88 -38.24
BARRETT_IC_8 23711	100.76 6.52 0.00	104.51 5.99 0.00	102.71 5.65 0.00	110.71 6.41 0.00	115.80 5.90 0.00	103.87 6.31 -7.11	99.65 2.73 -60.47	151.04 3.81 -97.13	155.18 9.17 -15.95	135.61 9.12 -0.85	112.29 8.33 -2.43	77.37 6.09 -0.20	61.37 5.01 -0.96	48.98 3.94 -2.88	60.67 4.57 -7.40	73.84 3.10 -35.56	154.85 5.05 -85.40	172.98 11.72 0.00	171.25 11.25 -5.48	155.89 8.82 -31.32	148.23 9.92 -6.27	141.75 5.22 -73.90	125.57 5.44 -52.07	97.30 3.90 -38.24
BARRETT_IC_9 23700	100.76 6.52 0.00	104.51 5.99 0.00	102.71 5.65 0.00	110.71 6.41 0.00	115.80 5.90 0.00	103.87 6.31 -7.11	99.65 2.73 -60.47	151.04 3.81 -97.13	155.18 9.17 -15.95	135.61 9.12 -0.85	112.29 8.33 -2.43	77.37 6.09 -0.20	61.37 5.01 -0.96	48.98 3.94 -2.88	60.67 4.57 -7.40	73.84 3.10 -35.56	154.85 5.05 -85.40	172.98 11.72 0.00	171.25 11.25 -5.48	155.89 8.82 -31.32	148.23 9.92 -6.27	141.75 5.22 -73.90	125.57 5.44 -52.07	97.30 3.90 -38.24
BARRETT___1 23545	100.76 6.52 0.00	104.51 5.99 0.00	102.71 5.65 0.00	110.71 6.41 0.00	115.80 5.90 0.00	103.87 6.31 -7.11	99.65 2.73 -60.47	151.04 3.81 -97.13	155.18 9.17 -15.95	135.61 9.12 -0.85	112.29 8.33 -2.43	77.37 6.09 -0.20	61.37 5.01 -0.96	48.98 3.94 -2.88	60.67 4.57 -7.40	73.84 3.10 -35.56	154.85 5.05 -85.40	172.98 11.72 0.00	171.25 11.25 -5.48	155.89 8.82 -31.32	148.23 9.92 -6.27	141.75 5.22 -73.90	125.57 5.44 -52.07	97.30 3.90 -38.24
BARRETT___2 23546	100.76 6.52 0.00	104.51 5.99 0.00	102.71 5.65 0.00	110.71 6.41 0.00	115.80 5.90 0.00	103.87 6.31 -7.11	99.65 2.73 -60.47	151.04 3.81 -97.13	155.18 9.17 -15.95	135.61 9.12 -0.85	112.29 8.33 -2.43	77.37 6.09 -0.20	61.37 5.01 -0.96	48.98 3.94 -2.88	60.67 4.57 -7.40	73.84 3.10 -35.56	154.85 5.05 -85.40	172.98 11.72 0.00	171.25 11.25 -5.48	155.89 8.82 -31.32	148.23 9.92 -6.27	141.75 5.22 -73.90	125.57 5.44 -52.07	97.30 3.90 -38.24
BATAVIA___115KV_TB1 55881	89.16 -5.08 0.00	92.97 -5.55 0.00	90.90 -5.36 0.80	98.43 -5.88 0.00	104.38 -5.52 0.00	87.26 -3.32 -0.13	42.51 -1.43 -7.49	54.78 -2.33 -7.01	113.89 -5.47 10.69	118.93 -6.71 0.00	97.26 -4.56 -0.29	67.73 -3.37 -0.02	52.25 -3.30 -0.14	39.56 -2.85 -0.26	46.51 -3.17 -0.98	37.79 -2.36 -4.97	69.93 -4.29 -9.82	141.82 -11.67 7.78	112.65 -11.66 30.21	68.84 -8.69 38.22	71.42 -10.74 49.88	38.27 -4.85 19.51	39.50 -3.74 24.82	35.27 -2.82 17.07
BAYONEEC___CTG1 323682	100.08 5.85 0.00	103.88 5.36 0.00	102.20 5.14 0.00	109.75 5.45 0.00	114.86 4.96 0.00	98.68 5.38 -2.85	99.53 2.59 -60.49	151.03 3.78 -97.16	147.45 9.61 -7.78	130.97 9.59 4.26	109.93 8.29 -0.11	76.57 5.85 0.36	61.14 4.77 -0.96	41.99 3.95 4.12	57.50 4.51 -4.30	71.29 3.08 -33.03	154.50 5.25 -84.85	173.77 12.51 0.00	172.05 12.05 -5.48	156.12 9.05 -31.32	148.02 9.70 -6.27	120.45 4.77 -53.05	97.78 4.89 -24.83	97.09 3.67 -38.25
BAYONEEC___CTG10 323750	100.08 5.85 0.00	103.88 5.36 0.00	102.20 5.14 0.00	109.75 5.45 0.00	114.86 4.96 0.00	98.68 5.38 -2.85	99.53 2.59 -60.49	151.03 3.78 -97.16	147.45 9.61 -7.78	130.97 9.59 4.26	109.93 8.29 -0.11	76.57 5.85 0.36	61.14 4.77 -0.96	41.99 3.95 4.12	57.50 4.51 -4.30	71.29 3.08 -33.03	154.50 5.25 -84.85	173.77 12.51 0.00	172.05 12.05 -5.48	156.12 9.05 -31.32	148.02 9.70 -6.27	120.45 4.77 -53.05	97.78 4.89 -24.83	97.09 3.67 -38.25
BAYONEEC___CTG2 323683	100.08 5.85 0.00	103.88 5.36 0.00	102.20 5.14 0.00	109.75 5.45 0.00	114.86 4.96 0.00	98.68 5.38 -2.85	99.53 2.59 -60.49	151.03 3.78 -97.16	147.45 9.61 -7.78	130.97 9.59 4.26	109.93 8.29 -0.11	76.57 5.85 0.36	61.14 4.77 -0.96	41.99 3.95 4.12	57.50 4.51 -4.30	71.29 3.08 -33.03	154.50 5.25 -84.85	173.77 12.51 0.00	172.05 12.05 -5.48	156.12 9.05 -31.32	148.02 9.70 -6.27	120.45 4.77 -53.05	97.78 4.89 -24.83	97.09 3.67 -38.25
BAYONEEC___CTG3 323684	100.08 5.85 0.00	103.88 5.36 0.00	102.20 5.14 0.00	109.75 5.45 0.00	114.86 4.96 0.00	98.68 5.38 -2.85	99.53 2.59 -60.49	151.03 3.78 -97.16	147.45 9.61 -7.78	130.97 9.59 4.26	109.93 8.29 -0.11	76.57 5.85 0.36	61.14 4.77 -0.96	41.99 3.95 4.12	57.50 4.51 -4.30	71.29 3.08 -33.03	154.50 5.25 -84.85	173.77 12.51 0.00	172.05 12.05 -5.48	156.12 9.05 -31.32	148.02 9.70 -6.27	120.45 4.77 -53.05	97.78 4.89 -24.83	97.09 3.67 -38.25
BAYONEEC___CTG4 323685	100.08 5.85 0.00	103.88 5.36 0.00	102.20 5.14 0.00	109.75 5.45 0.00	114.86 4.96 0.00	98.68 5.38 -2.85	99.53 2.59 -60.49	151.03 3.78 -97.16	147.45 9.61 -7.78	130.97 9.59 4.26	109.93 8.29 -0.11	76.57 5.85 0.36	61.14 4.77 -0.96	41.99 3.95 4.12	57.50 4.51 -4.30	71.29 3.08 -33.03	154.50 5.25 -84.85	173.77 12.51 0.00	172.05 12.05 -5.48	156.12 9.05 -31.32	148.02 9.70 -6.27	120.45 4.77 -53.05	97.78 4.89 -24.83	97.09 3.67 -38.25
BAYONEEC___CTG5 323686	100.08 5.85 0.00	103.88 5.36 0.00	102.20 5.14 0.00	109.75 5.45 0.00	114.86 4.96 0.00	98.68 5.38 -2.85	99.53 2.59 -60.49	151.03 3.78 -97.16	147.45 9.61 -7.78	130.97 9.59 4.26	109.93 8.29 -0.11	76.57 5.85 0.36	61.14 4.77 -0.96	41.99 3.95 4.12	57.50 4.51 -4.30	71.29 3.08 -33.03	154.50 5.25 -84.85	173.77 12.51 0.00	172.05 12.05 -5.48	156.12 9.05 -31.32	148.02 9.70 -6.27	120.45 4.77 -53.05	97.78 4.89 -24.83	97.09 3.67 -38.25
BAYONEEC___CTG6 323687	100.08 5.85 0.00	103.88 5.36 0.00	102.20 5.14 0.00	109.75 5.45 0.00	114.86 4.96 0.00	98.68 5.38 -2.85	99.53 2.59 -60.49	151.03 3.78 -97.16	147.45 9.61 -7.78	130.97 9.59 4.26	109.93 8.29 -0.11	76.57 5.85 0.36	61.14 4.77 -0.96	41.99 3.95 4.12	57.50 4.51 -4.30	71.29 3.08 -33.03	154.50 5.25 -84.85	173.77 12.51 0.00	172.05 12.05 -5.48	156.12 9.05 -31.32	148.02 9.70 -6.27	120.45 4.77 -53.05	97.78 4.89 -24.83	97.09 3.67 -38.25

BAYONEEC___CTG7 323688	100.08 5.85 0.00	103.88 5.36 0.00	102.20 5.14 0.00	109.75 5.45 0.00	114.86 4.96 0.00	98.68 5.38 -2.85	99.53 2.59 -60.49	151.03 3.78 -97.16	147.45 9.61 -7.78	130.97 9.59 4.26	109.93 8.29 -0.11	76.57 5.85 0.36	61.14 4.77 -0.96	41.99 3.95 4.12	57.50 4.51 -4.30	71.29 3.08 -33.03	154.50 5.25 -84.85	173.77 12.51 0.00	172.05 12.05 -5.48	156.12 9.05 -31.32	148.02 9.70 -6.27	120.45 4.77 -53.05	97.78 4.89 -24.83	97.09 3.67 -38.25
BAYONEEC___CTG8 323689	100.08 5.85 0.00	103.88 5.36 0.00	102.20 5.14 0.00	109.75 5.45 0.00	114.86 4.96 0.00	98.68 5.38 -2.85	99.53 2.59 -60.49	151.03 3.78 -97.16	147.45 9.61 -7.78	130.97 9.59 4.26	109.93 8.29 -0.11	76.57 5.85 0.36	61.14 4.77 -0.96	41.99 3.95 4.12	57.50 4.51 -4.30	71.29 3.08 -33.03	154.50 5.25 -84.85	173.77 12.51 0.00	172.05 12.05 -5.48	156.12 9.05 -31.32	148.02 9.70 -6.27	120.45 4.77 -53.05	97.78 4.89 -24.83	97.09 3.67 -38.25
BAYONEEC___CTG9 323749	100.08 5.85 0.00	103.88 5.36 0.00	102.20 5.14 0.00	109.75 5.45 0.00	114.86 4.96 0.00	98.68 5.38 -2.85	99.53 2.59 -60.49	151.03 3.78 -97.16	147.45 9.61 -7.78	130.97 9.59 4.26	109.93 8.29 -0.11	76.57 5.85 0.36	61.14 4.77 -0.96	41.99 3.95 4.12	57.50 4.51 -4.30	71.29 3.08 -33.03	154.50 5.25 -84.85	173.77 12.51 0.00	172.05 12.05 -5.48	156.12 9.05 -31.32	148.02 9.70 -6.27	120.45 4.77 -53.05	97.78 4.89 -24.83	97.09 3.67 -38.25
BEACON___LESR 323632	98.54 4.30 0.00	102.58 4.06 0.00	100.98 3.92 0.00	108.71 4.41 0.00	114.23 4.34 0.00	97.80 3.89 -3.47	120.60 1.86 -82.29	193.56 2.52 -140.93	165.23 6.42 -28.75	131.78 6.14 0.00	109.15 5.13 -2.49	74.60 3.39 -0.13	59.36 2.78 -1.17	46.29 1.91 -2.23	59.38 2.23 -8.46	79.74 1.64 -42.91	171.40 2.92 -104.08	168.07 6.81 0.00	174.64 6.60 -13.52	184.89 5.12 -64.01	153.04 5.54 -15.46	151.74 2.77 -86.34	120.99 3.21 -49.72	137.40 2.86 -79.38
BEAVER RIVER___HYD 24048	92.88 -1.36 0.00	97.04 -1.48 0.00	95.55 -1.51 0.00	102.90 -1.40 0.00	111.42 1.53 0.00	91.51 0.96 -0.10	38.53 0.02 -2.06	53.35 0.23 -3.03	132.14 1.79 -0.30	128.73 3.09 0.00	104.01 2.41 -0.07	72.00 0.92 0.00	55.57 0.13 -0.04	42.11 -0.11 -0.07	48.73 -0.22 -0.25	36.45 -0.02 -1.28	69.48 1.97 -3.11	168.56 7.30 0.00	161.40 6.89 0.00	120.73 4.60 -0.39	136.13 4.09 0.00	65.34 1.41 -1.30	68.60 0.16 -0.38	55.83 0.00 -0.67
BEEBEE_GT_13 23619	89.73 -4.50 0.00	93.60 -4.92 0.00	91.70 -4.77 0.59	99.12 -5.18 0.00	104.90 -4.99 0.00	87.35 -3.24 -0.15	41.48 -1.19 -6.22	53.43 -1.96 -5.29	117.01 -4.61 8.43	120.50 -5.13 0.00	98.51 -3.27 -0.25	68.84 -2.25 -0.01	53.36 -2.16 -0.12	40.47 -2.25 -0.22	47.29 -2.25 -0.84	37.85 -1.62 -4.28	70.04 -3.06 -8.70	146.38 -8.69 6.20	124.55 -8.81 21.15	82.83 -6.50 26.43	90.86 -8.16 33.02	46.66 -3.71 12.26	46.49 -3.23 18.34	38.83 -2.51 13.81
BENSHRST_27_KV_BENSHRST_1 355998	102.20 6.95 -1.01	104.97 6.45 0.00	103.24 6.18 0.00	110.80 6.50 0.00	116.00 6.11 0.00	114.84 6.22 -18.17	378.76 3.01 -339.30	242.25 4.27 -187.88	670.11 10.83 -529.21	686.93 10.80 -550.50	132.07 9.31 -21.23	128.75 6.58 -51.09	147.41 5.39 -86.61	1698.03 4.41 -1651.46	270.83 5.11 -217.03	87.29 3.53 -48.58	158.14 6.07 -87.68	175.85 14.58 0.00	173.92 13.92 -5.49	157.92 10.45 -31.72	149.59 11.27 -6.28	121.19 5.52 -53.05	98.57 5.68 -24.83	97.72 4.31 -38.25
BETHLEHEM___GRP 23843	97.01 2.78 0.00	101.17 2.65 0.00	99.67 2.61 0.00	107.07 2.77 0.00	112.47 2.58 0.00	96.57 2.64 -3.48	119.92 1.17 -82.29	192.53 1.54 -140.89	162.69 3.93 -28.70	129.65 4.01 0.00	107.57 3.55 -2.49	73.62 2.41 -0.13	58.60 2.02 -1.17	45.78 1.40 -2.23	58.63 1.47 -8.47	79.10 0.97 -42.95	170.14 1.58 -104.16	164.69 3.42 0.00	171.34 3.34 -13.48	182.29 2.66 -63.89	150.32 2.86 -15.42	150.42 1.53 -86.25	119.59 1.91 -49.62	136.25 1.87 -79.22
BETHLEHEM___GS1 323560	97.01 2.78 0.00	101.17 2.65 0.00	99.67 2.61 0.00	107.06 2.76 0.00	112.47 2.58 0.00	96.57 2.65 -3.48	119.92 1.17 -82.29	192.52 1.54 -140.89	162.69 3.93 -28.70	129.65 4.01 0.00	107.57 3.54 -2.49	73.61 2.40 -0.13	58.60 2.02 -1.17	45.79 1.40 -2.23	58.62 1.47 -8.47	79.10 0.97 -42.95	170.14 1.58 -104.16	164.69 3.42 0.00	171.35 3.36 -13.48	182.30 2.67 -63.89	150.33 2.87 -15.42	150.42 1.54 -86.25	119.60 1.91 -49.62	136.25 1.87 -79.22
BETHLEHEM___GS2 323561	97.01 2.78 0.00	101.17 2.65 0.00	99.67 2.61 0.00	107.06 2.76 0.00	112.47 2.58 0.00	96.57 2.65 -3.48	119.92 1.17 -82.29	192.52 1.54 -140.89	162.69 3.93 -28.70	129.65 4.01 0.00	107.57 3.54 -2.49	73.61 2.40 -0.13	58.60 2.02 -1.17	45.79 1.40 -2.23	58.62 1.47 -8.47	79.10 0.97 -42.95	170.14 1.58 -104.16	164.69 3.42 0.00	171.35 3.36 -13.48	182.30 2.67 -63.89	150.33 2.87 -15.42	150.42 1.54 -86.25	119.60 1.91 -49.62	136.25 1.87 -79.22
BETHLEHEM___GS3 323562	97.01 2.78 0.00	101.17 2.65 0.00	99.67 2.61 0.00	107.06 2.76 0.00	112.47 2.58 0.00	96.57 2.65 -3.48	119.92 1.17 -82.29	192.52 1.54 -140.89	162.69 3.93 -28.70	129.65 4.01 0.00	107.57 3.54 -2.49	73.61 2.40 -0.13	58.60 2.02 -1.17	45.79 1.40 -2.23	58.62 1.47 -8.47	79.10 0.97 -42.95	170.14 1.58 -104.16	164.69 3.42 0.00	171.35 3.36 -13.48	182.30 2.67 -63.89	150.33 2.87 -15.42	150.42 1.54 -86.25	119.60 1.91 -49.62	136.25 1.87 -79.22
BETHLEHEM___STEEL 23779	86.40 -7.83 0.00	90.11 -8.41 0.00	87.82 -8.17 1.06	95.50 -8.80 0.00	101.23 -8.66 0.00	84.58 -5.97 -0.11	42.54 -2.53 -8.62	53.43 -3.93 -7.26	106.31 -9.45 14.29	116.05 -9.58 0.00	95.75 -6.12 -0.34	66.98 -4.12 -0.02	51.73 -3.83 -0.16	39.14 -3.32 -0.30	45.85 -3.99 -1.14	37.87 -3.12 -5.81	69.50 -5.92 -11.03	133.48 -16.37 11.41	86.66 -16.40 51.46	41.23 -12.35 62.17	39.95 -14.93 77.16	23.32 -6.75 32.55	27.12 -5.68 35.26	27.22 -4.31 23.62
BETHLHEM_115KV_TB1 79974	97.07 2.84 0.00	101.21 2.70 0.00	99.70 2.65 0.00	107.14 2.83 0.00	112.57 2.68 0.00	96.64 2.72 -3.47	119.29 1.20 -81.64	190.92 1.60 -139.23	162.05 4.07 -27.92	129.77 4.14 0.00	107.67 3.65 -2.49	73.66 2.46 -0.13	58.62 2.05 -1.17	45.83 1.45 -2.23	58.70 1.55 -8.46	79.15 1.06 -42.91	170.23 1.76 -104.07	165.14 3.87 0.00	171.31 3.79 -13.00	180.78 2.98 -62.06	150.08 3.17 -14.87	149.03 1.71 -84.69	118.36 2.06 -48.24	133.96 1.90 -76.90
BETHPAGE_CC_5 323564	101.32 7.08 0.00	105.14 6.63 0.00	103.30 6.24 0.00	111.11 6.80 0.00	116.14 6.24 0.00	104.30 6.75 -7.11	99.76 2.84 -60.47	151.15 3.92 -97.13	155.41 9.41 -15.94	135.84 9.36 -0.85	112.52 8.56 -2.43	77.34 6.07 -0.20	61.22 4.85 -0.96	48.74 3.75 -2.84	60.44 4.37 -7.39	73.82 3.09 -35.55	155.32 5.53 -85.39	174.16 12.89 0.00	172.21 12.21 -5.48	156.69 9.63 -31.32	148.92 10.60 -6.27	142.08 5.56 -73.90	125.96 5.83 -52.07	97.59 4.19 -38.24
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	86.69 -7.55 0.00	90.41 -8.11 0.00	88.08 -7.89 1.09	95.81 -8.49 0.00	101.54 -8.35 0.00	84.87 -5.68 -0.10	42.78 -2.42 -8.74	53.75 -3.71 -7.36	106.60 -8.98 14.48	116.60 -9.03 0.00	96.22 -5.65 -0.34	67.28 -3.81 -0.02	51.99 -3.57 -0.16	39.35 -3.11 -0.30	46.10 -3.75 -1.16	38.12 -2.95 -5.89	69.95 -5.61 -11.17	134.11 -15.51 11.65	87.50 -15.54 51.48	41.80 -11.77 62.17	40.37 -14.33 77.34	23.75 -6.47 32.40	26.91 -5.43 35.71	26.95 -4.11 24.11

BINGHAMTON___COGEN 23790	93.07 -1.17 0.00	97.16 -1.37 0.00	95.01 -1.57 0.48	102.64 -1.66 0.00	108.12 -1.77 0.00	90.30 -0.90 -0.75	55.45 -0.22 -19.22	77.77 -0.38 -28.06	126.42 -0.85 2.79	125.26 -0.38 0.00	102.41 0.22 -0.66	70.98 -0.13 -0.03	55.41 -0.30 -0.31	42.49 -0.26 -0.59	50.79 -0.13 -2.23	46.47 -0.03 -11.31	90.48 0.01 -26.07	155.85 -0.29 5.12	140.24 -0.61 13.66	103.23 -0.63 11.89	106.47 -1.32 24.25	66.30 -0.57 -4.25	60.25 -0.54 7.28	54.98 -0.61 -0.43
BIXINCNT_115KV_LOAD 355685	84.95 -9.29 0.00	88.85 -9.67 0.00	86.45 -9.41 1.20	94.56 -9.74 0.00	100.22 -9.67 0.00	84.00 -6.53 -0.09	42.97 -2.76 -9.28	54.16 -3.74 -7.80	104.82 -9.90 15.33	117.32 -8.32 0.00	97.79 -4.11 -0.36	68.18 -2.91 -0.02	52.79 -2.78 -0.17	39.98 -2.50 -0.33	47.05 -2.87 -1.23	39.08 -2.37 -6.26	71.73 -4.41 -11.74	136.61 -12.17 12.48	91.56 -13.37 49.59	42.20 -11.62 61.92	38.11 -15.38 78.55	23.98 -6.87 31.78	23.73 -6.06 38.27	23.92 -4.40 26.84
BLACK RIVER___HYD 24047	93.00 -1.24 0.00	96.98 -1.53 0.00	95.43 -1.63 0.00	102.75 -1.56 0.00	111.83 1.94 0.00	92.21 1.62 -0.14	39.68 0.36 -2.87	55.11 0.79 -4.23	133.77 3.30 -0.41	129.73 4.10 0.00	104.41 2.78 -0.10	72.05 0.97 -0.01	55.56 0.10 -0.05	42.06 -0.19 -0.09	48.94 -0.10 -0.35	37.16 0.19 -1.79	71.54 2.80 -4.33	171.07 9.80 0.00	163.78 9.26 0.00	122.65 6.37 -0.54	137.91 5.87 0.00	66.63 2.19 -1.81	69.12 0.52 -0.53	56.24 0.13 -0.94
BLACKRVR_115KV_TB2 79977	93.00 -1.24 0.00	97.00 -1.52 0.00	95.43 -1.63 0.00	102.75 -1.56 0.00	111.84 1.95 0.00	92.21 1.62 -0.14	39.68 0.36 -2.87	55.12 0.79 -4.23	133.80 3.33 -0.41	129.73 4.10 0.00	104.41 2.78 -0.10	72.05 0.97 -0.01	55.56 0.10 -0.05	42.06 -0.19 -0.09	48.94 -0.10 -0.35	37.16 0.19 -1.79	71.54 2.80 -4.33	171.05 9.79 0.00	163.79 9.28 0.00	122.65 6.36 -0.54	137.91 5.87 0.00	66.64 2.20 -1.81	69.12 0.53 -0.53	56.24 0.13 -0.94
BLISS_WT_PWR 323608	83.93 -10.31 0.00	87.85 -10.67 0.00	85.52 -10.34 1.20	93.62 -10.68 0.00	99.25 -10.64 0.00	83.33 -7.21 -0.09	42.71 -3.02 -9.28	53.77 -4.13 -7.80	103.77 -10.95 15.33	116.72 -8.92 0.00	97.60 -4.30 -0.36	68.06 -3.04 -0.02	52.68 -2.89 -0.17	39.90 -2.58 -0.33	46.99 -2.94 -1.23	38.99 -2.46 -6.26	71.68 -4.45 -11.74	136.46 -12.34 12.48	91.08 -13.84 49.59	41.37 -12.45 61.92	36.94 -16.55 78.55	23.45 -7.40 31.78	23.09 -6.71 38.27	23.43 -4.89 26.84
BLUESTONE___WT_PWR 323821	92.19 -2.05 0.00	96.43 -2.08 0.00	95.87 -1.74 -0.55	102.28 -2.03 0.00	107.41 -2.49 0.00	90.06 -1.57 -1.18	59.03 -0.26 -22.84	91.31 -0.47 -41.68	144.73 -0.82 -15.50	124.98 -0.65 0.00	102.20 -0.04 -0.71	70.27 -0.85 -0.04	54.69 -1.05 -0.33	42.22 -0.57 -0.63	51.63 0.53 -2.41	48.99 1.56 -12.24	100.46 4.80 -31.26	180.35 13.19 -5.90	191.55 12.27 -24.76	163.96 6.64 -41.57	170.40 3.21 -35.14	100.70 0.35 -37.72	97.81 -0.42 -30.16	87.68 -0.75 -33.27
BLUE_CIRC_CHEM_DRP 24182	97.65 3.41 0.00	101.90 3.39 0.00	100.43 3.37 0.00	107.91 3.61 0.00	113.45 3.56 0.00	97.29 3.42 -3.42	116.06 1.49 -78.12	183.09 1.95 -131.05	159.38 4.83 -24.50	130.19 4.56 0.00	107.86 3.87 -2.46	73.70 2.50 -0.13	58.50 1.94 -1.15	45.71 1.36 -2.19	58.58 1.55 -8.34	78.68 1.20 -42.30	169.29 2.30 -102.58	166.62 5.35 0.00	170.61 5.16 -10.93	173.78 3.98 -54.05	148.90 4.36 -12.50	142.37 2.23 -77.51	112.80 2.54 -42.19	124.16 2.22 -66.78
BOC_GAS_DRP 24189	97.06 2.83 0.00	101.21 2.69 0.00	99.70 2.64 0.00	107.11 2.81 0.00	112.56 2.67 0.00	96.58 2.67 -3.46	115.69 1.24 -78.00	181.76 1.66 -129.99	157.90 4.24 -23.60	129.87 4.23 0.00	107.79 3.78 -2.48	73.77 2.56 -0.13	58.62 2.05 -1.17	45.88 1.51 -2.22	58.86 1.74 -8.42	79.15 1.25 -42.71	170.14 2.15 -103.59	166.06 4.80 0.00	169.51 4.67 -10.32	171.26 3.63 -51.88	147.77 3.91 -11.81	140.67 2.03 -76.01	110.90 2.26 -40.57	121.03 1.85 -64.02
BOONVILLE_115KV_TB1 79983	95.09 0.85 0.00	99.30 0.79 0.00	97.81 0.75 0.00	105.23 0.93 0.00	112.37 2.47 0.00	92.79 2.25 -0.09	39.07 0.86 -1.76	53.97 1.28 -2.59	134.26 3.95 -0.25	130.07 4.43 0.00	105.26 3.66 -0.06	73.15 2.07 0.00	56.73 1.29 -0.03	43.10 0.89 -0.06	49.92 1.01 -0.22	37.15 0.87 -1.10	69.64 2.59 -2.66	168.90 7.63 0.00	161.77 7.26 0.00	121.16 5.08 -0.33	136.99 4.95 0.00	65.82 2.08 -1.11	69.92 1.53 -0.33	56.79 1.05 -0.58
BORALEX_4TH_BRANCH 23824	100.40 6.17 0.00	104.62 6.10 0.00	103.19 6.13 0.00	110.80 6.50 0.00	116.38 6.48 0.00	100.15 6.25 -3.47	126.89 2.61 -87.83	209.43 3.56 -155.77	175.68 9.52 -36.10	134.55 8.91 0.00	111.64 7.62 -2.48	76.23 5.02 -0.13	60.53 3.96 -1.17	47.11 2.74 -2.22	60.65 3.52 -8.44	80.60 2.61 -42.80	172.93 4.73 -103.80	171.76 10.49 0.00	183.15 10.52 -18.12	205.42 8.28 -81.39	162.19 9.43 -20.72	168.31 4.86 -100.82	136.33 5.48 -62.79	160.71 4.18 -101.36
BOWLINE___1 23526	98.89 4.66 0.00	102.76 4.24 0.00	101.06 4.00 0.00	108.54 4.24 0.00	113.72 3.82 0.00	97.49 4.28 -2.76	97.28 2.17 -58.65	147.47 3.16 -94.21	152.13 7.94 -14.14	133.54 7.90 0.00	110.37 6.86 -1.98	75.90 4.72 -0.10	60.15 3.81 -0.93	46.98 3.05 -1.77	58.96 3.54 -6.73	71.84 2.52 -34.13	151.55 4.39 -82.77	171.76 10.49 0.00	169.97 10.14 -5.32	153.77 7.66 -30.37	146.38 8.26 -6.08	118.13 4.08 -51.43	96.32 4.20 -24.06	95.31 3.08 -37.07
BOWLINE___2 23595	99.05 4.81 0.00	102.90 4.38 0.00	101.21 4.15 0.00	108.72 4.42 0.00	113.85 3.96 0.00	97.63 4.42 -2.76	97.35 2.24 -58.66	147.55 3.23 -94.22	152.32 8.12 -14.14	133.70 8.07 0.00	110.53 7.02 -1.98	76.02 4.84 -0.10	60.25 3.91 -0.93	47.04 3.12 -1.77	59.05 3.62 -6.73	71.90 2.58 -34.13	151.66 4.48 -82.77	172.02 10.75 0.00	170.21 10.38 -5.32	153.97 7.85 -30.37	146.57 8.44 -6.08	118.23 4.17 -51.44	96.44 4.31 -24.06	95.40 3.17 -37.07
BRADY___115KV_TB2 356060	95.74 1.50 0.00	100.51 1.99 0.00	99.12 2.06 0.00	106.77 2.47 0.00	112.85 2.95 0.00	91.32 0.87 0.00	36.34 -0.12 0.00	49.95 -0.14 0.00	129.89 -0.16 0.00	125.12 -0.51 0.00	100.24 -1.29 0.00	70.38 -0.70 0.00	54.86 -0.55 0.00	41.67 -0.48 0.00	48.02 -0.67 0.00	34.57 -0.61 0.00	64.05 -0.35 0.00	161.41 0.15 0.00	154.65 0.14 0.00	115.72 -0.03 0.00	132.56 0.51 0.00	62.68 0.06 0.00	68.35 0.29 0.00	55.71 0.54 0.00
BRANSCOMB___SOLAR 323811	100.61 6.38 0.00	104.90 6.38 0.00	103.44 6.38 0.00	111.14 6.84 0.00	116.86 6.97 0.00	100.60 6.59 -3.57	135.26 2.96 -95.84	228.76 4.13 -174.54	184.76 10.67 -44.04	135.05 9.41 0.00	111.53 7.44 -2.56	75.88 4.67 -0.13	60.19 3.58 -1.20	46.98 2.53 -2.29	60.66 3.27 -8.70	82.01 2.71 -44.12	176.74 5.34 -107.00	174.39 13.12 0.00	190.30 12.86 -22.93	225.51 9.80 -99.96	169.15 10.89 -26.22	185.24 5.21 -117.40	150.48 5.59 -76.82	184.35 4.33 -124.86
BRENTWOD_69_KV_W. BRTWOOD 56703	102.38 8.14 0.00	106.27 7.75 0.00	104.40 7.34 0.00	112.31 8.01 0.00	117.25 7.36 0.00	105.32 7.76 -7.11	100.14 3.22 -60.47	151.56 4.33 -97.13	156.21 10.22 -15.94	136.94 10.45 -0.85	113.72 9.76 -2.43	78.14 6.86 -0.20	61.83 5.46 -0.96	49.07 4.11 -2.80	60.86 4.80 -7.37	74.15 3.44 -35.53	156.18 6.40 -85.39	174.78 13.51 0.00	172.77 12.76 -5.48	157.73 10.66 -31.32	150.26 11.95 -6.27	143.07 6.55 -73.90	126.96 6.83 -52.07	98.42 5.02 -38.24

BRISTLHL_115KV_TB1 79998	91.54 -2.70 0.00	95.52 -3.00 0.00	94.05 -3.01 0.00	101.06 -3.24 0.00	106.66 -3.23 0.00	88.41 -2.26 -0.23	40.22 -0.71 -4.48	55.66 -1.04 -6.60	128.01 -2.69 -0.65	122.69 -2.95 0.00	99.57 -2.12 -0.16	69.44 -1.64 -0.01	54.09 -1.39 -0.08	41.28 -1.02 -0.14	48.07 -1.18 -0.55	37.32 -0.65 -2.79	69.92 -1.25 -6.76	157.94 -3.33 0.00	151.30 -3.21 0.00	114.16 -2.43 -0.84	128.90 -3.15 0.00	63.95 -1.50 -2.83	67.19 -1.71 -0.83	55.18 -1.45 -1.47
BROOKHAVEN___DRP 24191	102.11 7.87 0.00	105.91 7.39 0.00	104.06 7.00 0.00	112.38 8.07 0.00	117.23 7.33 0.00	105.35 7.79 -7.11	100.30 3.38 -60.47	151.34 4.11 -97.13	155.43 9.44 -15.94	135.38 8.89 -0.85	112.60 8.65 -2.43	77.22 5.95 -0.20	60.92 4.56 -0.96	48.40 3.44 -2.80	60.13 4.07 -7.37	73.49 2.78 -35.53	155.48 5.70 -85.39	174.28 13.01 0.00	172.51 12.51 -5.48	157.18 10.11 -31.32	149.58 11.26 -6.27	142.59 6.06 -73.90	126.35 6.22 -52.07	97.85 4.45 -38.24
BROOKLYN_NAVY_YARD 23515	100.10 5.86 0.00	103.89 5.37 0.00	102.24 5.18 0.00	109.79 5.49 0.00	114.94 5.05 0.00	98.75 5.45 -2.85	99.59 2.65 -60.49	151.09 3.84 -97.16	155.78 9.78 -15.94	136.19 9.71 -0.85	112.28 8.32 -2.43	77.16 5.88 -0.20	61.19 4.82 -0.96	49.08 4.00 -2.92	60.66 4.54 -7.42	73.89 3.12 -35.59	155.17 5.34 -85.42	174.00 12.73 0.00	172.29 12.29 -5.48	156.30 9.23 -31.32	148.17 9.85 -6.27	120.52 4.85 -53.05	97.86 4.97 -24.83	97.15 3.74 -38.25
BROOKLYN___ARMY_DRP 323595	101.70 6.45 -1.01	104.47 5.95 0.00	102.76 5.71 0.00	110.30 6.00 0.00	115.45 5.56 0.00	114.36 5.74 -18.17	378.57 2.81 -339.30	241.96 3.99 -187.88	656.53 10.06 -516.42	678.17 10.04 -542.49	127.81 8.69 -17.60	127.43 6.13 -50.22	147.08 5.06 -86.61	1686.39 4.16 -1640.08	265.61 4.81 -212.11	83.01 3.32 -44.50	156.80 5.66 -86.74	174.80 13.54 0.00	172.91 12.91 -5.49	157.16 9.70 -31.72	148.76 10.45 -6.28	120.81 5.13 -53.05	98.16 5.27 -24.83	97.40 3.99 -38.25
BROOKVLE_69_KV_TB1 55790	101.87 7.63 0.00	105.68 7.16 0.00	103.82 6.76 0.00	111.68 7.38 0.00	116.83 6.93 0.00	104.83 7.28 -7.11	100.04 3.12 -60.47	151.60 4.37 -97.13	156.68 10.68 -15.95	137.13 10.65 -0.85	113.51 9.55 -2.43	78.00 6.73 -0.20	61.76 5.40 -0.96	49.24 4.21 -2.87	61.01 4.91 -7.40	74.22 3.48 -35.56	155.93 6.14 -85.40	175.58 14.31 0.00	173.56 13.56 -5.48	157.79 10.73 -31.32	150.20 11.89 -6.27	142.53 6.01 -73.90	126.34 6.21 -52.07	97.92 4.52 -38.24
BROOME_2_LFGE 323671	93.07 -1.16 0.00	97.15 -1.36 0.00	95.03 -1.55 0.48	102.64 -1.66 0.00	108.13 -1.77 0.00	90.30 -0.75 -19.22	55.45 -0.22 -28.06	77.76 -0.39 -28.06	126.38 -0.88 2.79	125.27 -0.36 0.00	102.42 0.24 -0.66	70.99 -0.12 -0.03	55.41 -0.30 -0.31	42.48 -0.26 -0.59	50.79 -0.13 -2.23	46.47 -0.03 -11.31	90.47 0.00 -26.07	155.83 -0.31 5.12	140.23 -0.62 13.66	103.14 -0.72 11.89	106.47 -1.33 24.25	66.28 -0.60 -4.25	60.16 -0.63 7.28	54.94 -0.66 -0.43
BROOME___LFGE 323600	93.07 -1.16 0.00	97.15 -1.36 0.00	95.03 -1.55 0.48	102.64 -1.66 0.00	108.13 -1.77 0.00	90.30 -0.75 -19.22	55.45 -0.22 -28.06	77.76 -0.39 -28.06	126.38 -0.88 2.79	125.27 -0.36 0.00	102.42 0.24 -0.66	70.99 -0.12 -0.03	55.41 -0.30 -0.31	42.48 -0.26 -0.59	50.79 -0.13 -2.23	46.47 -0.03 -11.31	90.47 0.00 -26.07	155.83 -0.31 5.12	140.23 -0.62 13.66	103.14 -0.72 11.89	106.47 -1.33 24.25	66.28 -0.60 -4.25	60.16 -0.63 7.28	54.94 -0.66 -0.43
BROWNFLS_115KV_TB_3_5 80003	93.44 -0.80 0.00	97.85 -0.67 0.00	96.43 -0.63 0.00	103.87 -0.43 0.00	111.16 1.26 0.00	90.45 -0.07 -0.07	37.44 -0.45 -1.44	51.74 -0.48 -2.13	129.89 -0.38 -0.21	126.44 0.80 0.00	102.10 0.52 -0.05	71.06 -0.02 0.00	55.08 -0.35 -0.02	41.77 -0.43 -0.05	48.19 -0.68 -0.18	35.51 -0.57 -0.90	66.90 0.32 -2.18	163.84 2.57 0.00	156.96 2.45 0.00	117.47 1.44 -0.27	133.16 1.12 0.00	63.78 0.24 -0.91	68.07 -0.26 -0.27	55.53 -0.11 -0.47
BROWNSV1_27_KV_LOAD 356125	101.16 6.92 0.00	104.91 6.40 0.00	103.23 6.17 0.00	110.82 6.52 0.00	116.01 6.12 0.00	99.67 6.38 -2.85	99.97 3.03 -60.49	151.68 4.42 -97.16	157.00 11.28 -15.66	137.52 11.21 -0.67	113.49 9.62 -2.35	78.03 6.77 -0.18	61.83 5.46 -0.96	49.33 4.45 -2.72	61.13 5.10 -7.33	74.22 3.53 -35.51	155.91 6.10 -85.41	175.93 14.66 0.00	174.11 14.11 -5.48	157.63 10.56 -31.32	149.76 11.45 -6.27	121.26 5.59 -53.05	98.64 5.76 -24.83	97.75 4.33 -38.25
BURROWS___LYONSDAL 23803	94.29 0.05 0.00	98.47 -0.05 0.00	96.98 -0.08 0.00	104.37 0.07 0.00	112.01 2.12 0.00	92.40 1.86 -0.09	38.86 0.59 -1.82	53.71 0.93 -2.68	133.61 3.30 -0.26	129.74 4.11 0.00	105.03 3.44 -0.07	72.90 1.82 0.00	56.45 1.01 -0.03	42.85 0.63 -0.06	49.61 0.69 -0.22	36.95 0.63 -1.13	69.60 2.46 -2.75	168.91 7.64 0.00	161.78 7.27 0.00	121.08 4.99 -0.34	136.77 4.72 0.00	65.67 1.90 -1.15	69.47 1.07 -0.34	56.45 0.69 -0.60
CAITHNESS_CC_1 323624	101.88 7.64 0.00	105.70 7.19 0.00	103.84 6.78 0.00	111.99 7.69 0.00	116.85 6.95 0.00	104.99 7.43 -7.11	100.15 3.23 -60.47	151.23 4.00 -97.13	155.26 9.26 -15.94	135.36 8.88 -0.85	112.53 8.58 -2.43	77.20 5.92 -0.20	60.95 4.59 -0.96	48.44 3.48 -2.80	60.15 4.09 -7.37	73.54 2.83 -35.53	155.43 5.64 -85.39	174.08 12.81 0.00	172.22 12.21 -5.48	156.95 9.88 -31.32	149.30 10.98 -6.27	142.46 5.94 -73.90	126.28 6.15 -52.07	97.82 4.42 -38.24
CALPINE BETH_PAGE_GT4 24209	101.51 7.27 0.00	105.32 6.81 0.00	103.47 6.41 0.00	111.31 7.00 0.00	116.36 6.46 0.00	104.49 6.93 -7.11	99.80 2.88 -60.47	151.21 3.98 -97.13	155.54 9.54 -15.94	135.97 9.48 -0.85	112.61 8.66 -2.43	77.40 6.12 -0.20	61.28 4.92 -0.96	48.81 3.80 -2.85	60.53 4.45 -7.39	73.87 3.14 -35.55	155.39 5.60 -85.39	174.40 13.14 0.00	172.45 12.45 -5.48	156.87 9.80 -31.32	149.06 10.75 -6.27	142.15 5.62 -73.90	125.96 5.83 -52.07	97.61 4.21 -38.24
CALPINE_BETH_PAGE_GT_4 323586	101.51 7.27 0.00	105.33 6.81 0.00	103.47 6.41 0.00	111.30 7.00 0.00	116.36 6.46 0.00	104.49 6.93 -7.11	99.80 2.88 -60.47	151.21 3.98 -97.13	155.57 9.57 -15.94	135.98 9.49 -0.85	112.62 8.66 -2.43	77.40 6.13 -0.20	61.29 4.92 -0.96	48.82 3.81 -2.85	60.53 4.45 -7.39	73.87 3.14 -35.55	155.38 5.59 -85.39	174.39 13.13 0.00	172.46 12.46 -5.48	156.88 9.81 -31.32	149.06 10.74 -6.27	142.14 5.62 -73.90	126.01 5.88 -52.07	97.61 4.21 -38.24
CALPINE_BP_GT1 23823	101.51 7.27 0.00	105.33 6.81 0.00	103.47 6.41 0.00	111.30 7.00 0.00	116.36 6.46 0.00	104.49 6.93 -7.11	99.80 2.88 -60.47	151.21 3.98 -97.13	155.57 9.57 -15.94	135.98 9.49 -0.85	112.62 8.66 -2.43	77.40 6.13 -0.20	61.29 4.92 -0.96	48.82 3.81 -2.85	60.53 4.45 -7.39	73.87 3.14 -35.55	155.38 5.59 -85.39	174.39 13.13 0.00	172.46 12.46 -5.48	156.88 9.81 -31.32	149.06 10.74 -6.27	142.14 5.62 -73.90	126.01 5.88 -52.07	97.61 4.21 -38.24
CALSPAN___DRP 24200	86.40 -7.83 0.00	90.11 -8.41 0.00	87.82 -8.17 1.06	95.50 -8.80 0.00	101.23 -8.66 0.00	84.58 -5.97 -0.11	42.54 -2.53 -8.62	53.43 -3.93 -7.26	106.31 -9.45 14.29	116.05 -9.58 0.00	95.75 -6.12 -0.34	66.98 -4.12 -0.02	51.73 -3.83 -0.16	39.14 -3.32 -0.30	45.85 -3.99 -1.14	37.87 -3.12 -5.81	69.50 -5.92 -11.03	133.48 -16.37 11.41	86.66 -16.40 51.46	41.23 -12.35 62.17	39.95 -14.93 77.16	23.32 -6.75 32.55	27.12 -5.68 35.26	27.22 -4.31 23.62

CALVERTON___SOLAR 323806	102.46 8.22 0.00	106.29 7.77 0.00	104.41 7.35 0.00	112.79 8.49 0.00	117.74 7.84 0.00	105.76 8.20 -7.11	100.49 3.57 -60.47	151.53 4.30 -97.13	155.89 9.89 -15.94	135.67 9.19 -0.85	112.82 8.87 -2.43	77.33 6.06 -0.20	61.00 4.64 -0.96	48.45 3.49 -2.80	60.19 4.13 -7.37	73.52 2.81 -35.53	155.67 5.88 -85.39	174.68 13.42 0.00	172.91 12.91 -5.48	157.57 10.51 -31.32	150.03 11.72 -6.27	142.76 6.24 -73.90	126.61 6.48 -52.07	98.00 4.60 -38.24
CANDIGU_WT_PWR 323617	87.43 -6.81 0.00	90.99 -7.53 0.00	86.79 -8.41 1.86	95.25 -9.05 0.00	100.74 -9.15 0.00	83.95 -6.49 0.01	45.26 -2.55 -11.35	52.14 -3.87 -5.91	93.25 -9.17 27.63	118.12 -7.51 0.00	97.50 -4.48 -0.45	67.75 -3.35 -0.02	52.29 -3.33 -0.21	39.76 -2.80 -0.40	47.05 -3.17 -1.53	40.81 -2.12 -7.74	74.43 -3.42 -13.45	131.95 -9.38 19.93	5.66 -9.91 138.95	-64.28 -8.52 171.51	-79.36 -10.42 200.99	-43.76 -4.91 101.47	-13.82 -5.10 76.78	6.67 -4.30 44.19
CARR STREET_E_SYR 24060	91.79 -2.44 0.00	95.82 -2.70 0.00	94.36 -2.70 0.00	101.37 -2.93 0.00	106.93 -2.96 0.00	88.77 -1.94 -0.26	41.00 -0.57 -5.12	56.79 -0.87 -7.56	128.62 -2.18 -0.74	123.44 -2.19 0.00	100.15 -1.56 -0.18	69.81 -1.28 -0.01	54.37 -1.12 -0.09	41.48 -0.84 -0.17	48.35 -0.97 -0.63	37.83 -0.55 -3.19	71.13 -1.02 -7.74	158.43 -2.84 0.00	151.69 -2.83 0.00	114.53 -2.18 -0.96	129.21 -2.83 0.00	64.53 -1.33 -3.24	67.56 -1.45 -0.95	55.59 -1.25 -1.68
CARTHAGE___PAPER 23857	93.70 -0.54 0.00	97.84 -0.68 0.00	96.30 -0.75 0.00	103.71 -0.59 0.00	112.57 2.68 0.00	92.58 2.01 -0.13	39.47 0.46 -2.55	54.75 0.88 -3.77	133.95 3.52 -0.37	130.11 4.48 0.00	104.87 3.25 -0.09	72.49 1.40 0.00	55.90 0.46 -0.04	42.35 0.11 -0.08	49.16 0.16 -0.31	37.10 0.32 -1.59	71.15 2.89 -3.86	171.10 9.84 0.00	163.79 9.27 0.00	122.58 6.36 -0.48	138.03 5.98 0.00	66.51 2.27 -1.61	69.41 0.87 -0.47	56.49 0.49 -0.84
CASSADAGA_WT_PWR 323784	83.93 -10.31 0.00	87.70 -10.82 0.00	85.61 -10.28 1.17	93.78 -10.52 0.00	100.04 -9.86 0.00	83.88 -6.65 -0.09	42.82 -2.65 -9.01	53.95 -3.68 -7.54	106.71 -8.37 14.99	117.29 -8.34 0.00	97.82 -4.06 -0.35	68.60 -2.50 -0.02	52.65 -2.92 -0.17	39.82 -2.65 -0.32	47.19 -2.70 -1.20	39.22 -2.05 -6.09	71.22 -4.58 -11.40	127.01 -16.16 18.10	57.26 -17.98 79.27	32.21 -13.92 69.62	35.96 -16.98 79.11	22.69 -7.36 32.58	23.18 -7.04 37.84	23.99 -4.94 26.24
CE_DUNWOOD___DRP 24194	99.86 5.63 0.00	103.71 5.20 0.00	102.00 4.94 0.00	109.59 5.28 0.00	114.76 4.87 0.00	98.48 5.19 -2.84	99.29 2.52 -60.32	150.64 3.65 -96.90	154.86 9.22 -15.58	135.42 9.14 -0.65	111.79 7.93 -2.33	76.77 5.52 -0.18	60.82 4.46 -0.96	48.45 3.56 -2.73	60.15 4.14 -7.32	73.55 2.92 -35.44	154.70 5.07 -85.23	173.36 12.09 0.00	171.60 11.61 -5.47	155.80 8.79 -31.26	147.81 9.50 -6.26	120.24 4.68 -52.93	97.65 4.81 -24.77	96.90 3.56 -38.17
CE_MILLWOOD___DRP 24193	99.61 5.38 0.00	103.49 4.97 0.00	101.78 4.72 0.00	109.31 5.00 0.00	114.51 4.62 0.00	98.23 4.95 -2.83	99.00 2.42 -60.13	150.19 3.50 -96.59	153.40 8.84 -14.51	134.37 8.74 0.00	111.16 7.60 -2.03	76.46 5.27 -0.11	60.62 4.26 -0.95	47.35 3.38 -1.82	59.52 3.93 -6.90	72.95 2.79 -34.98	154.08 4.84 -84.84	172.80 11.54 0.00	171.11 11.14 -5.46	155.31 8.42 -31.15	147.38 9.10 -6.24	119.87 4.50 -52.74	97.41 4.67 -24.68	96.65 3.46 -38.03
CE_NYC2_DRP 24202	100.44 6.21 0.00	104.24 5.73 0.00	102.58 5.52 0.00	110.11 5.81 0.00	115.27 5.37 0.00	98.89 5.60 -2.85	99.69 2.74 -60.49	151.24 3.97 -97.17	164.37 10.07 -24.24	141.72 10.05 -6.03	114.99 8.68 -4.78	77.96 6.12 -0.76	61.40 5.03 -0.96	56.18 4.12 -9.91	64.04 4.71 -10.64	76.62 3.25 -38.18	155.91 5.50 -86.00	174.37 13.10 0.00	172.44 12.44 -5.49	156.42 9.35 -31.33	148.37 10.05 -6.28	120.62 4.94 -53.05	98.01 5.12 -24.83	97.31 3.89 -38.25
CE_NYC_DRP 24195	109.51 5.98 -9.29	116.70 5.48 -12.71	112.20 5.26 -9.88	118.74 5.58 -8.86	120.89 5.10 -5.89	98.83 5.54 -2.85	99.60 2.67 -60.48	151.15 3.90 -97.16	155.71 9.95 -15.69	136.28 9.95 -0.69	112.49 8.60 -2.36	77.33 6.07 -0.18	61.29 4.93 -0.96	48.94 4.04 -2.75	60.66 4.62 -7.34	73.89 3.18 -35.52	155.27 5.46 -85.41	174.25 12.98 0.00	172.48 12.48 -5.48	156.44 9.36 -31.32	148.39 10.07 -6.27	120.60 4.93 -53.04	97.91 5.02 -24.83	99.02 3.78 -40.08
CHAFFEE___LFGE 323603	87.34 -6.90 0.00	91.09 -7.43 0.00	88.68 -7.24 1.13	96.50 -7.80 0.00	102.24 -7.66 0.00	85.43 -5.12 -0.10	43.24 -2.16 -8.95	54.22 -3.40 -7.53	107.24 -8.01 14.81	117.40 -8.23 0.00	96.77 -5.11 -0.35	67.61 -3.48 -0.02	52.28 -3.29 -0.16	39.58 -2.89 -0.31	46.39 -3.49 -1.19	38.46 -2.76 -6.03	70.54 -5.24 -11.38	134.53 -14.57 12.17	88.22 -14.68 51.62	42.35 -11.09 62.31	40.76 -13.41 77.87	24.42 -6.03 32.17	26.22 -5.05 36.78	26.01 -3.90 25.25
CHATEAUG_35_KV_LOAD 355732	92.64 -1.60 0.00	97.25 -1.27 0.00	96.19 -0.87 0.00	104.36 0.06 0.00	110.32 0.43 0.00	89.08 -1.36 0.00	35.31 -1.15 0.00	48.55 -1.54 0.00	126.86 -3.19 0.00	121.47 -4.17 0.00	97.80 -3.73 0.00	68.57 -2.51 0.00	53.70 -1.71 0.00	40.90 -1.25 0.00	47.45 -1.24 0.00	34.47 -0.72 0.00	63.75 -0.65 0.00	160.44 -0.83 0.00	154.24 -0.28 0.00	115.49 -0.26 0.00	131.76 -0.28 0.00	62.32 -0.30 0.00	67.82 -0.24 0.00	55.32 0.15 0.00
CHATEAUG_WT_PWR 323614	92.17 -2.07 0.00	96.83 -1.69 0.00	95.81 -1.25 0.00	103.90 -0.40 0.00	109.95 0.05 0.00	88.80 -1.64 0.00	35.22 -1.23 0.00	48.38 -1.71 0.00	126.36 -3.69 0.00	121.08 -4.56 0.00	97.61 -3.92 0.00	68.53 -2.54 0.00	53.62 -1.78 0.00	40.83 -1.33 0.00	47.45 -1.25 0.00	34.45 -0.73 0.00	63.65 -0.75 0.00	160.08 -1.19 0.00	153.79 -0.72 0.00	115.13 -0.61 0.00	131.34 -0.70 0.00	62.12 -0.51 0.00	67.58 -0.48 0.00	55.16 -0.01 0.00
CHAT_HIGH_FALL_HYD 323578	92.64 -1.60 0.00	97.25 -1.27 0.00	96.19 -0.87 0.00	104.36 0.06 0.00	110.32 0.43 0.00	89.08 -1.36 0.00	35.31 -1.15 0.00	48.55 -1.54 0.00	126.86 -3.19 0.00	121.47 -4.17 0.00	97.80 -3.73 0.00	68.57 -2.51 0.00	53.70 -1.71 0.00	40.90 -1.25 0.00	47.45 -1.24 0.00	34.47 -0.72 0.00	63.75 -0.65 0.00	160.44 -0.83 0.00	154.24 -0.28 0.00	115.49 -0.26 0.00	131.76 -0.28 0.00	62.32 -0.30 0.00	67.82 -0.24 0.00	55.32 0.15 0.00
CHAUTAUQUA___LFGE 323629	85.19 -9.04 0.00	88.89 -9.63 0.00	86.67 -9.27 1.11	94.69 -9.61 0.00	100.56 -9.33 0.00	84.07 -6.47 -0.10	42.64 -2.59 -8.78	53.53 -3.90 -7.34	106.31 -9.10 14.64	116.52 -9.12 0.00	96.77 -5.10 -0.34	67.72 -3.38 -0.02	52.10 -3.46 -0.16	39.37 -3.10 -0.31	46.47 -3.39 -1.17	38.53 -2.58 -5.92	70.34 -5.23 -11.17	131.51 -16.24 13.52	77.27 -17.08 60.17	37.42 -13.09 65.24	37.42 -15.77 78.85	22.46 -7.08 33.09	25.14 -6.32 36.60	25.61 -4.72 24.83
CHERRYST_13_KV_LD 356241	100.46 6.23 0.00	104.25 5.73 0.00	102.58 5.52 0.00	110.11 5.81 0.00	115.30 5.40 0.00	99.09 5.80 -2.85	99.72 2.78 -60.48	151.33 4.07 -97.16	156.20 10.45 -15.69	136.78 10.45 -0.69	112.88 9.00 -2.36	77.61 6.35 -0.18	61.52 5.15 -0.96	49.11 4.20 -2.75	60.84 4.81 -7.34	74.02 3.32 -35.52	155.51 5.70 -85.41	174.90 13.63 0.00	173.02 13.02 -5.48	156.81 9.74 -31.32	148.80 10.48 -6.27	120.79 5.12 -53.04	98.11 5.23 -24.83	97.35 3.94 -38.25

CHESTROR_138KV_BK263 355645	98.67 4.43 0.00	102.59 4.07 0.00	100.93 3.87 0.00	108.43 4.13 0.00	113.67 3.78 0.00	97.22 4.13 -2.65	94.73 2.06 -56.21	143.36 2.97 -90.29	151.09 7.48 -13.55	132.97 7.33 0.00	109.77 6.34 -1.90	75.46 4.28 -0.10	59.76 3.46 -0.89	46.58 2.73 -1.70	58.33 3.19 -6.45	70.21 2.32 -32.71	147.84 4.11 -79.33	171.17 9.90 0.00	169.17 9.56 -5.09	152.06 7.22 -29.09	145.62 7.76 -5.82	115.76 3.84 -49.28	95.05 3.93 -23.05	93.59 2.92 -35.51
CH_MIDHUDSON___DRP 24192	100.24 6.00 0.00	104.12 5.61 0.00	102.44 5.38 0.00	110.03 5.73 0.00	115.38 5.49 0.00	98.92 5.58 -2.89	100.66 2.66 -61.55	152.89 3.82 -98.97	154.68 9.68 -14.95	135.07 9.43 0.00	111.69 8.09 -2.08	76.76 5.58 -0.11	60.83 4.45 -0.97	47.46 3.45 -1.86	59.80 4.06 -7.05	73.91 2.97 -35.75	156.40 5.29 -86.71	173.94 12.68 0.00	172.42 12.26 -5.65	157.15 9.28 -32.12	148.62 10.11 -6.46	121.69 4.92 -54.14	98.63 5.13 -25.44	98.22 3.83 -39.23
CH_MISC_IPPS 23765	100.49 6.26 0.00	104.42 5.90 0.00	102.69 5.63 0.00	110.32 6.02 0.00	115.68 5.79 0.00	99.15 5.87 -2.84	99.72 2.80 -60.47	151.33 4.03 -97.20	154.89 10.17 -14.66	135.52 9.89 0.00	111.95 8.38 -2.04	76.92 5.74 -0.11	60.98 4.61 -0.96	47.55 3.57 -1.82	59.82 4.20 -6.93	73.41 3.09 -35.13	155.17 5.57 -85.20	174.75 13.48 0.00	173.05 13.00 -5.54	157.08 9.83 -31.50	149.04 10.67 -6.33	120.94 5.17 -53.15	98.39 5.37 -24.95	97.63 4.00 -38.47
CH_RES_BVR_FALLS 23983	92.30 -1.94 0.00	96.73 -1.79 0.00	95.41 -1.65 0.00	102.88 -1.42 0.00	109.36 -0.53 0.00	89.64 -0.81 0.00	35.68 -0.77 0.00	49.01 -1.09 0.00	127.98 -2.07 0.00	123.50 -2.13 0.00	99.73 -1.79 0.00	69.82 -1.26 0.00	54.34 -1.06 0.00	41.27 -0.88 0.00	47.60 -1.09 0.00	34.39 -0.79 0.00	63.36 -1.04 0.00	159.41 -1.86 0.00	152.75 -1.77 0.00	114.35 -1.40 0.00	130.57 -1.48 0.00	61.73 -0.89 0.00	66.76 -1.31 0.00	53.94 -1.22 0.00
CH_RES_NIAGARA 23895	84.42 -9.81 0.00	88.08 -10.44 0.00	86.09 -10.06 0.91	93.38 -10.92 0.00	99.02 -10.87 0.00	82.36 -8.21 -0.12	40.96 -3.52 -8.03	51.82 -5.44 -7.16	104.14 -13.58 12.34	111.48 -14.16 0.00	91.82 -10.02 -0.31	64.35 -6.75 -0.02	49.78 -5.77 -0.15	37.62 -4.82 -0.28	43.96 -5.79 -1.06	36.02 -4.53 -5.36	66.24 -8.54 -10.38	128.51 -22.94 9.81	89.23 -22.33 42.96	48.00 -16.16 51.58	48.34 -19.09 64.61	27.69 -8.55 26.40	30.85 -7.49 29.72	29.61 -5.64 19.91
CH_RES_SYRACUSE 23985	92.62 -1.62 0.00	96.70 -1.82 0.00	95.20 -1.85 0.00	102.31 -1.99 0.00	107.92 -1.97 0.00	89.56 -1.18 -0.29	41.92 -0.26 -5.73	58.12 -0.43 -8.45	129.80 -1.08 -0.83	124.44 -1.19 0.00	100.95 -0.79 -0.21	70.35 -0.74 -0.01	54.82 -0.69 -0.10	41.82 -0.52 -0.18	48.82 -0.57 -0.70	38.50 -0.25 -3.57	72.63 -0.43 -8.66	159.88 -1.39 0.00	153.09 -1.43 0.00	115.76 -1.06 -1.07	130.51 -1.53 0.00	65.50 -0.74 -3.62	68.26 -0.87 -1.06	56.26 -0.78 -1.88
CLINTON_WT_PWR 323605	92.17 -2.07 0.00	96.83 -1.69 0.00	95.81 -1.25 0.00	103.90 -0.40 0.00	109.95 0.05 0.00	88.80 -1.64 0.00	35.22 -1.23 0.00	48.38 -1.71 0.00	126.36 -3.69 0.00	121.08 -4.56 0.00	97.61 -3.92 0.00	68.53 -2.54 0.00	53.62 -1.78 0.00	40.83 -1.33 0.00	47.45 -1.25 0.00	34.45 -0.73 0.00	63.65 -0.75 0.00	160.08 -1.19 0.00	153.79 -0.72 0.00	115.13 -0.61 0.00	131.34 -0.70 0.00	62.12 -0.51 0.00	67.58 -0.48 0.00	55.16 -0.01 0.00
CLINTON___LFGE 323618	93.86 -0.37 0.00	98.57 0.05 0.00	97.50 0.44 0.00	105.58 1.28 0.00	111.68 1.78 0.00	90.09 -0.36 0.00	35.82 -0.64 0.00	49.03 -1.07 0.00	128.26 -1.79 0.00	122.61 -3.03 0.00	98.74 -2.78 0.00	69.33 -1.75 0.00	54.29 -1.12 0.00	41.27 -0.88 0.00	48.11 -0.59 0.00	34.98 -0.20 0.00	64.77 0.37 0.00	162.94 1.67 0.00	156.91 2.39 0.00	117.47 1.72 0.00	133.90 1.85 0.00	63.21 0.58 0.00	68.78 0.72 0.00	56.25 1.08 0.00
COBBLENY_34_KV_TB1 80064	87.36 -6.88 0.00	91.10 -7.42 0.00	88.66 -7.27 1.13	96.50 -7.80 0.00	102.27 -7.63 0.00	85.44 -5.11 -0.10	43.23 -2.18 -8.95	54.27 -3.35 -7.53	107.25 -7.99 14.81	117.41 -8.23 0.00	96.78 -5.10 -0.35	67.62 -3.47 -0.02	52.31 -3.26 -0.16	39.58 -2.89 -0.31	46.39 -3.50 -1.19	38.48 -2.74 -6.03	70.49 -5.28 -11.38	134.51 -14.58 12.17	88.28 -14.62 51.62	42.43 -11.00 62.31	40.77 -13.40 77.87	24.41 -6.04 32.17	26.26 -5.02 36.78	26.13 -3.79 25.25
COFFEEN___115KV_TB3 355620	93.82 -0.41 0.00	97.83 -0.69 0.00	96.22 -0.83 0.00	103.62 -0.69 0.00	112.64 2.74 0.00	92.97 2.38 -0.15	40.11 0.73 -2.92	55.71 1.30 -4.31	135.01 4.53 -0.42	130.63 4.99 0.00	104.92 3.29 -0.11	72.34 1.26 -0.01	55.80 0.35 -0.05	42.26 0.01 -0.09	49.24 0.19 -0.36	37.43 0.42 -1.82	72.18 3.36 -4.42	172.60 11.33 0.00	165.21 10.69 0.00	123.74 7.44 -0.55	139.11 7.07 0.00	67.23 2.76 -1.85	69.73 1.12 -0.54	56.72 0.60 -0.96
COLDSPRG_115KV_BK1 355956	87.99 -6.25 0.00	91.78 -6.75 0.00	89.21 -6.58 1.27	97.57 -6.74 0.00	103.55 -6.34 0.00	86.51 -4.02 -0.08	44.19 -1.65 -9.39	55.73 -2.22 -7.85	109.70 -4.83 15.53	120.75 -4.89 0.00	99.88 -2.02 -0.37	70.12 -0.97 -0.02	54.16 -1.42 -0.17	41.06 -1.42 -0.33	48.46 -1.49 -1.25	40.32 -1.22 -6.35	73.40 -2.76 -11.77	140.90 -9.80 10.56	106.70 -10.58 37.23	48.20 -8.18 59.37	41.93 -10.60 79.51	26.34 -4.52 31.77	24.48 -3.78 39.80	23.85 -2.85 28.46
COLONIE_LFGE___ 323577	99.09 4.85 0.00	103.23 4.72 0.00	101.78 4.72 0.00	109.32 5.01 0.00	114.91 5.02 0.00	98.81 4.83 -3.53	130.66 2.15 -92.06	218.64 2.96 -165.58	177.89 7.64 -40.19	132.71 7.08 0.00	110.10 6.04 -2.53	75.18 3.97 -0.13	59.69 3.09 -1.19	46.61 2.20 -2.26	60.06 2.78 -8.59	80.86 2.12 -43.55	173.96 3.93 -105.64	170.34 9.07 0.00	184.08 8.97 -20.59	213.67 6.97 -90.95	163.32 7.73 -23.55	175.87 3.82 -109.42	142.30 4.22 -70.02	171.90 3.28 -113.45
COOPERNY_115KV_TB1 80082	97.36 3.13 0.00	101.37 2.86 0.00	99.77 2.71 0.00	107.19 2.88 0.00	112.51 2.62 0.00	95.54 2.94 -2.16	83.75 1.50 -45.80	125.87 2.16 -73.61	146.51 5.39 -11.07	131.00 5.37 0.00	107.76 4.68 -1.55	74.28 3.12 -0.08	58.64 2.51 -0.73	45.52 1.99 -1.38	56.25 2.31 -5.25	63.52 1.70 -26.64	132.02 3.02 -64.61	168.47 7.21 0.00	165.62 6.93 -4.17	144.79 5.25 -23.79	142.39 5.58 -4.77	105.63 2.78 -40.22	89.75 2.84 -18.84	86.27 2.08 -29.02
COPENHAGEN_WT_PWR 323753	91.56 -2.68 0.00	95.49 -3.03 0.00	93.96 -3.10 0.00	101.16 -3.14 0.00	110.62 0.72 0.00	91.21 0.61 -0.15	39.34 -0.13 -3.02	54.65 0.10 -4.46	132.30 1.81 -0.44	128.62 2.99 0.00	103.70 2.06 -0.11	71.58 0.50 -0.01	55.13 -0.33 -0.05	41.70 -0.55 -0.10	48.51 -0.56 -0.37	36.91 -0.15 -1.88	71.12 2.15 -4.57	169.58 8.32 0.00	162.34 7.83 0.00	121.62 5.30 -0.57	136.56 4.52 0.00	66.08 1.54 -1.91	68.25 -0.37 -0.56	55.50 -0.66 -0.99
CORNELL_____ 23752	94.42 0.18 0.00	98.58 0.07 0.00	101.86 -0.10 -4.90	104.19 -0.11 0.00	109.92 0.03 0.00	93.39 0.63 -2.32	56.04 0.54 -19.05	113.41 0.71 -62.60	214.36 1.95 -82.35	127.63 1.99 0.00	103.59 1.61 -0.46	71.73 0.63 -0.02	55.79 0.17 -0.21	42.67 0.10 -0.41	50.42 0.18 -1.54	43.36 0.34 -7.84	98.57 1.19 -32.98	217.05 3.48 -52.31	346.69 3.25 -188.92	365.86 2.25 -247.86	419.98 1.88 -286.06	219.07 0.74 -155.70	239.65 0.72 -170.88	198.65 0.34 -143.15

CORONA V_69_KV_TB1 355595	101.32 7.08 0.00	105.10 6.58 0.00	103.29 6.23 0.00	111.17 6.87 0.00	116.30 6.41 0.00	104.31 6.75 -7.11	99.87 2.95 -60.47	151.36 4.12 -97.13	156.02 10.01 -15.95	136.43 9.94 -0.85	112.95 8.99 -2.43	77.76 6.48 -0.20	61.60 5.23 -0.96	49.14 4.10 -2.88	60.88 4.78 -7.40	74.07 3.32 -35.56	155.46 5.67 -85.40	174.57 13.31 0.00	172.73 12.73 -5.48	156.94 9.87 -31.32	149.30 10.99 -6.27	142.16 5.64 -73.90	125.98 5.85 -52.07	97.68 4.28 -38.24
CORTLAND_115KV_TB3 80093	93.94 -0.30 0.00	98.10 -0.42 0.00	97.86 -0.52 -1.32	103.72 -0.58 0.00	109.41 -0.48 0.00	91.61 0.20 -0.96	48.87 0.29 -12.13	78.63 0.37 -28.16	154.79 1.05 -23.68	126.79 1.16 0.00	102.92 1.03 -0.37	71.42 0.32 -0.02	55.65 0.07 -0.17	42.53 0.05 -0.33	50.11 0.17 -1.25	41.77 0.25 -6.34	84.30 0.77 -19.13	177.35 2.02 -14.07	206.58 1.78 -50.28	186.02 1.18 -69.09	209.00 0.80 -76.16	110.32 0.33 -47.37	116.89 0.28 -48.56	97.69 0.04 -42.50
COXSACKIE__GT 23611	101.46 7.22 0.00	105.75 7.24 0.00	104.17 7.11 0.00	111.98 7.68 0.00	117.84 7.95 0.00	100.92 7.16 -3.32	115.38 3.23 -75.70	181.24 4.19 -126.95	164.88 11.12 -23.70	135.21 9.58 0.00	110.97 7.06 -2.38	74.96 3.76 -0.12	59.41 2.89 -1.12	46.37 2.09 -2.13	59.34 2.56 -8.08	78.18 2.00 -41.01	168.57 4.73 -99.45	174.95 13.68 0.00	178.31 13.22 -10.57	177.60 9.56 -52.29	154.57 10.44 -12.08	142.55 4.88 -75.05	114.23 5.35 -40.82	124.38 4.63 -64.59
CPV_VALLEY__CC1 323721	97.82 3.58 0.00	101.75 3.23 0.00	100.10 3.04 0.00	107.54 3.24 0.00	112.78 2.88 0.00	96.23 3.31 -2.47	90.63 1.71 -52.47	136.83 2.46 -84.27	148.88 6.19 -12.64	131.78 6.14 0.00	108.67 5.37 -1.77	74.81 3.64 -0.09	59.19 2.95 -0.83	46.09 2.35 -1.58	57.44 2.73 -6.02	67.70 1.98 -30.54	141.92 3.46 -74.06	169.50 8.23 0.00	167.23 7.97 -4.75	148.92 6.03 -27.14	143.91 6.43 -5.43	111.82 3.20 -45.99	92.83 3.26 -21.50	90.66 2.38 -33.11
CPV_VALLEY__CC2 323722	97.82 3.58 0.00	101.75 3.23 0.00	100.10 3.04 0.00	107.54 3.24 0.00	112.78 2.88 0.00	96.23 3.31 -2.47	90.63 1.71 -52.47	136.83 2.46 -84.27	148.88 6.19 -12.64	131.78 6.14 0.00	108.67 5.37 -1.77	74.81 3.64 -0.09	59.19 2.95 -0.83	46.09 2.35 -1.58	57.44 2.73 -6.02	67.70 1.98 -30.54	141.92 3.46 -74.06	169.50 8.23 0.00	167.23 7.97 -4.75	148.92 6.03 -27.14	143.91 6.43 -5.43	111.82 3.20 -45.99	92.83 3.26 -21.50	90.66 2.38 -33.11
CRESCENT__HYD 24018	99.09 4.85 0.00	103.23 4.72 0.00	101.78 4.72 0.00	109.32 5.01 0.00	114.91 5.02 0.00	98.81 4.83 -3.53	130.66 2.15 -92.06	218.64 2.96 -165.58	177.89 7.64 -40.19	132.71 7.08 0.00	110.10 6.04 -2.53	75.18 3.97 -0.13	59.69 3.09 -1.19	46.61 2.20 -2.26	60.06 2.78 -8.59	80.86 2.12 -43.55	173.96 3.93 -105.64	170.34 9.07 0.00	184.08 8.97 -20.59	213.67 6.97 -90.95	163.32 7.73 -23.55	175.87 3.82 -109.42	142.30 4.22 -70.02	171.90 3.28 -113.45
CRICKET__VALLEY_CC1 323756	99.63 5.40 0.00	103.40 4.88 0.00	101.81 4.75 0.00	109.30 5.00 0.00	114.60 4.70 0.00	98.33 4.90 -2.99	102.74 2.32 -63.96	156.59 3.35 -103.14	154.43 8.53 -15.84	133.93 8.30 0.00	111.07 7.40 -2.15	76.35 5.16 -0.11	60.54 4.12 -1.01	47.18 3.11 -1.92	59.68 3.70 -7.29	74.90 2.73 -36.98	158.78 4.69 -89.69	172.01 10.74 0.00	171.10 10.50 -6.08	157.89 8.04 -34.11	147.76 8.77 -6.95	123.66 4.29 -56.74	99.61 4.57 -26.98	100.25 3.40 -41.70
CRICKET__VALLEY_CC2 323757	99.63 5.40 0.00	103.40 4.88 0.00	101.81 4.75 0.00	109.30 5.00 0.00	114.60 4.70 0.00	98.33 4.90 -2.99	102.74 2.32 -63.96	156.59 3.35 -103.14	154.43 8.53 -15.84	133.93 8.30 0.00	111.07 7.40 -2.15	76.35 5.16 -0.11	60.54 4.12 -1.01	47.18 3.11 -1.92	59.68 3.70 -7.29	74.90 2.73 -36.98	158.78 4.69 -89.69	172.01 10.74 0.00	171.10 10.50 -6.08	157.89 8.04 -34.11	147.76 8.77 -6.95	123.66 4.29 -56.74	99.61 4.57 -26.98	100.25 3.40 -41.70
CRICKET__VALLEY_CC3 323758	99.63 5.40 0.00	103.40 4.88 0.00	101.81 4.75 0.00	109.30 5.00 0.00	114.60 4.70 0.00	98.33 4.90 -2.99	102.74 2.32 -63.96	156.59 3.35 -103.14	154.43 8.53 -15.84	133.93 8.30 0.00	111.07 7.40 -2.15	76.35 5.16 -0.11	60.54 4.12 -1.01	47.18 3.11 -1.92	59.68 3.70 -7.29	74.90 2.73 -36.98	158.78 4.69 -89.69	172.01 10.74 0.00	171.10 10.50 -6.08	157.89 8.04 -34.11	147.76 8.77 -6.95	123.66 4.29 -56.74	99.61 4.57 -26.98	100.25 3.40 -41.70
CRUCIBLE_METL_DRP 24180	92.62 -1.62 0.00	96.70 -1.82 0.00	95.21 -1.85 0.00	102.31 -1.99 0.00	107.92 -1.97 0.00	89.56 -1.18 -0.29	41.92 -0.26 -5.73	58.13 -0.42 -8.45	129.81 -1.07 -0.83	124.44 -1.19 0.00	100.96 -0.77 -0.21	70.34 -0.74 -0.01	54.81 -0.69 -0.10	41.82 -0.52 -0.18	48.82 -0.57 -0.70	38.50 -0.26 -3.57	72.63 -0.42 -8.66	159.88 -1.38 0.00	153.12 -1.40 0.00	115.79 -1.03 -1.07	130.51 -1.53 0.00	65.49 -0.75 -3.62	68.28 -0.84 -1.06	56.28 -0.76 -1.88
DAHOWA__HYDRO 323763	101.30 7.06 0.00	105.60 7.08 0.00	104.13 7.08 0.00	111.88 7.58 0.00	117.70 7.81 0.00	101.36 7.33 -3.58	136.17 3.32 -96.40	230.56 4.63 -175.84	186.62 11.97 -44.58	136.22 10.58 0.00	112.37 8.27 -2.57	76.39 5.18 -0.13	60.58 3.97 -1.21	47.25 2.80 -2.29	61.03 3.62 -8.71	82.40 3.00 -44.21	177.61 5.98 -107.23	176.01 14.74 0.00	192.21 14.43 -23.26	227.98 11.00 -101.24	170.84 12.20 -26.60	186.98 5.82 -118.54	152.04 6.19 -77.79	186.44 4.79 -126.49
DANC__LFGE 323619	91.39 -2.84 0.00	95.33 -3.19 0.00	93.82 -3.24 0.00	100.92 -3.38 0.00	108.87 -1.03 0.00	89.95 -0.68 -0.18	39.59 -0.42 -3.56	54.91 -0.44 -5.26	130.35 -0.22 -0.51	126.05 0.42 0.00	101.86 0.21 -0.13	70.54 -0.54 -0.01	54.57 -0.89 -0.06	41.40 -0.87 -0.12	48.19 -0.94 -0.44	36.96 -0.44 -2.22	70.48 0.69 -5.38	164.74 3.48 0.00	157.75 3.23 0.00	118.44 2.02 -0.67	133.31 1.27 0.00	65.11 0.23 -2.25	67.68 -1.05 -0.66	55.24 -1.09 -1.17
DANSKAMMER__1 23586	100.49 6.26 0.00	104.42 5.90 0.00	102.69 5.63 0.00	110.32 6.02 0.00	115.68 5.79 0.00	99.15 5.87 -2.84	99.72 2.80 -60.47	151.33 4.03 -97.20	154.89 10.17 -14.66	135.52 9.89 0.00	111.95 8.38 -2.04	76.92 5.74 -0.11	60.98 4.61 -0.96	47.55 3.57 -1.82	59.82 4.20 -6.93	73.41 3.09 -35.13	155.17 5.57 -85.20	174.75 13.48 0.00	173.05 13.00 -5.54	157.08 9.83 -31.50	149.04 10.67 -6.33	120.94 5.17 -53.15	98.39 5.37 -24.95	97.63 4.00 -38.47
DANSKAMMER__2 23589	100.49 6.26 0.00	104.42 5.90 0.00	102.69 5.63 0.00	110.32 6.02 0.00	115.68 5.79 0.00	99.15 5.87 -2.84	99.72 2.80 -60.47	151.33 4.03 -97.20	154.89 10.17 -14.66	135.52 9.89 0.00	111.95 8.38 -2.04	76.92 5.74 -0.11	60.98 4.61 -0.96	47.55 3.57 -1.82	59.82 4.20 -6.93	73.41 3.09 -35.13	155.17 5.57 -85.20	174.75 13.48 0.00	173.05 13.00 -5.54	157.08 9.83 -31.50	149.04 10.67 -6.33	120.94 5.17 -53.15	98.39 5.37 -24.95	97.63 4.00 -38.47
DANSKAMMER__3 23590	100.49 6.26 0.00	104.42 5.90 0.00	102.69 5.63 0.00	110.32 6.02 0.00	115.68 5.79 0.00	99.15 5.87 -2.84	99.72 2.80 -60.47	151.33 4.03 -97.20	154.89 10.17 -14.66	135.52 9.89 0.00	111.95 8.38 -2.04	76.92 5.74 -0.11	60.98 4.61 -0.96	47.55 3.57 -1.82	59.82 4.20 -6.93	73.41 3.09 -35.13	155.17 5.57 -85.20	174.75 13.48 0.00	173.05 13.00 -5.54	157.08 9.83 -31.50	149.04 10.67 -6.33	120.94 5.17 -53.15	98.39 5.37 -24.95	97.63 4.00 -38.47

DANSKAMMER___4 23591	100.49 6.26 0.00	104.42 5.90 0.00	102.69 5.63 0.00	110.32 6.02 0.00	115.68 5.79 0.00	99.15 5.87 -2.84	99.72 2.80 -60.47	151.33 4.03 -97.20	154.89 10.17 -14.66	135.52 9.89 0.00	111.95 8.38 -2.04	76.92 5.74 -0.11	60.98 4.61 -0.96	47.55 3.57 -1.82	59.82 4.20 -6.93	73.41 3.09 -35.13	155.17 5.57 -85.20	174.75 13.48 0.00	173.05 13.00 -5.54	157.08 9.83 -31.50	149.04 10.67 -6.33	120.94 5.17 -53.15	98.39 5.37 -24.95	97.63 4.00 -38.47
DANSKAMMER___DIESEL 23592	100.49 6.26 0.00	104.41 5.89 0.00	102.70 5.64 0.00	110.32 6.02 0.00	115.68 5.79 0.00	99.15 5.87 -2.84	99.71 2.80 -60.47	151.34 4.04 -97.20	154.90 10.18 -14.66	135.52 9.89 0.00	111.95 8.38 -2.04	76.92 5.74 -0.11	60.98 4.62 -0.96	47.54 3.56 -1.82	59.82 4.20 -6.93	73.40 3.09 -35.13	155.17 5.57 -85.20	174.75 13.48 0.00	173.06 13.01 -5.54	157.04 9.79 -31.50	149.03 10.66 -6.33	120.95 5.17 -53.15	98.36 5.35 -24.95	97.65 4.01 -38.47
DARBY___SOLAR 323810	100.66 6.43 0.00	104.92 6.41 0.00	103.48 6.42 0.00	111.18 6.88 0.00	116.96 7.06 0.00	100.65 6.64 -3.57	135.32 3.00 -95.87	228.87 4.18 -174.60	184.92 10.80 -44.06	135.15 9.52 0.00	111.57 7.48 -2.56	75.90 4.69 -0.13	60.19 3.59 -1.20	47.00 2.55 -2.29	60.70 3.31 -8.70	82.04 2.74 -44.12	176.82 5.41 -107.01	174.54 13.27 0.00	190.50 13.04 -22.94	225.71 9.94 -100.02	169.30 11.02 -26.24	185.35 5.27 -117.45	150.56 5.63 -76.87	184.48 4.37 -124.94
DASHVILLE___HYD 23610	99.12 4.88 0.00	103.02 4.51 0.00	101.36 4.30 0.00	108.86 4.56 0.00	114.17 4.27 0.00	97.87 4.50 -2.93	101.94 2.15 -63.34	156.12 3.15 -102.88	154.63 8.14 -16.43	133.77 8.14 0.00	110.50 6.87 -2.10	75.91 4.72 -0.11	60.13 3.73 -0.99	46.96 2.93 -1.88	59.21 3.38 -7.14	73.81 2.43 -36.20	156.61 4.41 -87.81	172.15 10.88 0.00	171.44 10.40 -6.53	159.03 7.70 -35.57	148.01 8.50 -7.47	124.09 4.09 -57.38	100.39 4.27 -28.06	101.89 3.13 -43.59
DEERFIELD_69_KV_DEERFIELD LD 355887	103.93 9.70 0.00	107.76 9.25 0.00	105.87 8.81 0.00	114.45 10.15 0.00	119.53 9.63 0.00	107.35 9.79 -7.11	101.16 4.24 -60.47	152.47 5.24 -97.13	158.04 12.04 -15.94	137.59 11.10 -0.85	114.32 10.36 -2.43	78.25 6.98 -0.20	61.72 5.36 -0.96	49.00 4.04 -2.80	60.82 4.76 -7.37	74.00 3.29 -35.53	156.55 6.77 -85.39	176.39 15.12 0.00	174.87 14.87 -5.48	159.66 12.59 -31.32	152.63 14.32 -6.27	143.99 7.47 -73.90	127.80 7.68 -52.07	98.75 5.35 -38.24
DELAWARE___LFGE 323621	96.69 2.45 0.00	100.94 2.42 0.00	99.37 2.31 0.00	106.78 2.48 0.00	112.31 2.41 0.00	94.13 2.46 -1.23	66.44 1.25 -28.74	101.15 1.75 -49.30	144.33 4.46 -9.81	130.00 4.37 0.00	106.34 3.93 -0.88	73.69 2.57 -0.05	57.75 1.93 -0.42	44.45 1.51 -0.79	53.57 1.87 -3.00	51.88 1.48 -15.21	104.16 2.85 -36.90	168.15 6.89 0.00	165.86 6.57 -4.77	143.17 4.81 -22.61	142.33 4.83 -5.45	95.45 2.29 -30.54	87.78 2.34 -17.38	83.94 1.69 -27.08
DERFIELD_115KV_TB7 355931	94.66 0.43 0.00	98.86 0.34 0.00	97.36 0.31 0.00	104.67 0.36 0.00	110.26 0.37 0.00	91.03 0.58 0.00	36.77 0.31 0.00	50.51 0.42 0.00	131.17 1.12 0.00	126.64 1.00 0.00	102.54 1.01 0.00	71.70 0.62 0.00	55.85 0.45 0.00	42.50 0.34 0.00	49.12 0.43 0.00	35.51 0.32 0.00	65.03 0.63 0.00	162.77 1.50 0.00	156.00 1.49 0.00	116.90 1.15 0.00	133.11 1.07 0.00	63.19 0.56 0.00	68.62 0.56 0.00	55.54 0.38 0.00
DOGLEVILLE___HYD 23807	96.83 2.59 0.00	101.10 2.58 0.00	99.50 2.44 0.00	106.91 2.61 0.00	111.86 1.96 0.00	93.12 2.68 0.00	38.70 2.24 0.00	53.29 3.20 0.00	138.08 8.02 0.00	130.69 5.06 0.00	104.89 3.36 0.00	72.69 1.61 0.00	56.57 1.17 0.00	42.90 0.74 0.00	50.17 1.48 0.00	36.62 1.44 0.00	68.90 4.50 0.00	174.32 13.05 0.00	167.64 13.12 0.00	125.59 9.84 0.00	142.24 10.20 0.00	67.37 4.74 0.00	72.93 4.87 0.00	58.81 3.65 0.00
DUNKIRK___115KV_TB_200 55889	85.34 -8.90 0.00	89.02 -9.50 0.00	86.81 -9.14 1.11	94.80 -9.51 0.00	100.66 -9.24 0.00	84.11 -6.43 -0.10	42.61 -2.59 -8.76	53.53 -3.88 -7.32	106.29 -9.16 14.61	116.50 -9.14 0.00	96.62 -5.25 -0.34	67.66 -3.43 -0.02	52.07 -3.50 -0.16	39.34 -3.12 -0.31	46.38 -3.48 -1.16	38.46 -2.63 -5.90	70.21 -5.33 -11.14	131.95 -16.24 13.08	79.25 -16.94 58.32	38.05 -12.88 64.81	37.57 -15.64 78.83	22.44 -7.05 33.14	25.39 -6.19 36.48	25.78 -4.69 24.70
DUNKIRK___1 23563	85.34 -8.90 0.00	89.02 -9.50 0.00	86.81 -9.14 1.11	94.80 -9.51 0.00	100.66 -9.24 0.00	84.11 -6.43 -0.10	42.61 -2.59 -8.76	53.53 -3.88 -7.32	106.29 -9.16 14.61	116.50 -9.14 0.00	96.62 -5.25 -0.34	67.66 -3.43 -0.02	52.07 -3.50 -0.16	39.34 -3.12 -0.31	46.38 -3.48 -1.16	38.46 -2.63 -5.90	70.21 -5.33 -11.14	131.95 -16.24 13.08	79.25 -16.94 58.32	38.05 -12.88 64.81	37.57 -15.64 78.83	22.44 -7.05 33.14	25.39 -6.19 36.48	25.78 -4.69 24.70
DUNKIRK___2 23564	85.34 -8.90 0.00	89.02 -9.50 0.00	86.81 -9.14 1.11	94.80 -9.51 0.00	100.66 -9.24 0.00	84.11 -6.43 -0.10	42.61 -2.59 -8.76	53.53 -3.88 -7.32	106.29 -9.16 14.61	116.50 -9.14 0.00	96.62 -5.25 -0.34	67.66 -3.43 -0.02	52.07 -3.50 -0.16	39.34 -3.12 -0.31	46.38 -3.48 -1.16	38.46 -2.63 -5.90	70.21 -5.33 -11.14	131.95 -16.24 13.08	79.25 -16.94 58.32	38.05 -12.88 64.81	37.57 -15.64 78.83	22.44 -7.05 33.14	25.39 -6.19 36.48	25.78 -4.69 24.70
DUNKIRK___3 23565	85.64 -8.59 0.00	89.34 -9.18 0.00	87.08 -8.90 1.08	94.98 -9.32 0.00	100.76 -9.13 0.00	84.19 -6.35 -0.10	42.46 -2.64 -8.65	53.36 -3.96 -7.22	106.19 -9.37 14.49	116.18 -9.45 0.00	96.23 -5.63 -0.34	67.35 -3.74 -0.02	51.90 -3.67 -0.16	39.24 -3.22 -0.30	46.16 -3.68 -1.15	38.20 -2.82 -5.83	69.86 -5.57 -11.04	132.50 -16.44 12.33	81.34 -16.92 56.26	38.25 -12.82 64.67	37.43 -15.51 79.10	22.03 -7.01 33.59	25.92 -6.07 36.07	26.41 -4.60 24.15
DUNKIRK___4 23566	85.64 -8.59 0.00	89.34 -9.18 0.00	87.08 -8.90 1.08	94.98 -9.32 0.00	100.76 -9.13 0.00	84.19 -6.35 -0.10	42.46 -2.64 -8.65	53.36 -3.96 -7.22	106.19 -9.37 14.49	116.18 -9.45 0.00	96.23 -5.63 -0.34	67.35 -3.74 -0.02	51.90 -3.67 -0.16	39.24 -3.22 -0.30	46.16 -3.68 -1.15	38.20 -2.82 -5.83	69.86 -5.57 -11.04	132.50 -16.44 12.33	81.34 -16.92 56.26	38.25 -12.82 64.67	37.43 -15.51 79.10	22.03 -7.01 33.59	25.92 -6.07 36.07	26.41 -4.60 24.15
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	100.12 5.88 0.00	103.94 5.43 0.00	102.26 5.21 0.00	109.86 5.56 0.00	115.06 5.17 0.00	98.74 5.45 -2.85	99.56 2.62 -60.49	151.04 3.78 -97.16	155.80 9.51 -16.23	136.10 9.44 -1.03	112.25 8.21 -2.51	77.02 5.72 -0.22	60.99 4.63 -0.96	49.07 3.71 -3.20	60.54 4.29 -7.55	73.89 3.02 -35.69	155.07 5.22 -85.45	173.72 12.45 0.00	171.96 11.96 -5.48	156.12 9.05 -31.33	148.10 9.79 -6.27	120.50 4.82 -53.05	97.84 4.96 -24.83	97.09 3.68 -38.25
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	99.51 5.27 0.00	103.41 4.89 0.00	101.71 4.65 0.00	109.26 4.96 0.00	114.55 4.66 0.00	98.11 4.90 -2.76	97.50 2.40 -58.65	147.85 3.48 -94.27	153.02 8.75 -14.21	134.18 8.55 0.00	110.79 7.29 -1.98	76.11 4.93 -0.10	60.31 3.98 -0.93	47.03 3.11 -1.77	59.05 3.64 -6.72	71.93 2.67 -34.08	151.85 4.80 -82.65	172.89 11.62 0.00	171.13 11.25 -5.37	154.75 8.47 -30.54	147.34 9.16 -6.14	118.64 4.47 -51.54	96.84 4.59 -24.19	95.86 3.41 -37.29

E179THST_138_KV_TB4_REV_LBMP_J 345001	100.10 5.87 0.00	103.87 5.36 0.00	102.30 5.25 0.00	109.79 5.48 0.00	114.96 5.06 0.00	98.72 5.43 -2.85	99.65 2.71 -60.49	151.14 3.88 -97.17	156.87 9.75 -17.06	136.85 9.67 -1.55	112.64 8.37 -2.75	77.25 5.89 -0.27	61.18 4.82 -0.96	49.98 3.93 -3.89	60.97 4.40 -7.87	74.24 3.11 -35.95	155.25 5.34 -85.51	174.03 12.76 0.00	172.26 12.25 -5.49	156.32 9.24 -31.33	148.27 9.95 -6.28	120.57 4.90 -53.05	97.92 5.03 -24.83	97.30 3.89 -38.25
E179THST_13_KV_LOAD 356214	100.52 6.28 0.00	104.29 5.78 0.00	102.70 5.64 0.00	110.19 5.89 0.00	115.40 5.50 0.00	99.10 5.80 -2.85	99.81 2.87 -60.49	151.39 4.12 -97.17	157.58 10.46 -17.06	137.49 10.31 -1.55	113.20 8.92 -2.75	77.61 6.26 -0.27	61.46 5.10 -0.96	50.19 4.15 -3.89	61.23 4.67 -7.87	74.43 3.30 -35.95	155.61 5.70 -85.51	174.95 13.68 0.00	173.14 13.13 -5.49	156.99 9.91 -31.33	148.97 10.66 -6.28	120.92 5.24 -53.05	98.26 5.37 -24.83	97.56 4.15 -38.25
EAST HAMPTON___GT 23717	104.75 10.52 0.00	108.59 10.07 0.00	106.70 9.64 0.00	115.37 11.07 0.00	120.49 10.60 0.00	108.17 10.61 -7.11	101.54 4.62 -60.47	152.99 5.76 -97.13	159.40 13.41 -15.94	138.75 12.27 -0.85	115.22 11.26 -2.43	78.81 7.54 -0.20	62.14 5.77 -0.96	49.37 4.41 -2.80	61.22 5.16 -7.37	74.33 3.61 -35.53	156.97 7.18 -85.39	176.43 15.16 0.00	175.57 15.57 -5.48	161.11 14.04 -31.32	154.51 16.19 -6.27	144.87 8.34 -73.90	128.79 8.66 -52.07	99.21 5.81 -38.24
EAST RIVER___6 23660	100.17 5.93 0.00	103.92 5.40 0.00	102.25 5.19 0.00	109.79 5.49 0.00	114.95 5.06 0.00	98.78 5.49 -2.85	99.61 2.67 -60.48	151.15 3.90 -97.16	155.78 10.03 -15.69	136.39 10.07 -0.69	112.58 8.69 -2.36	77.40 6.14 -0.18	61.36 5.00 -0.96	49.00 4.09 -2.75	60.70 4.67 -7.34	73.92 3.22 -35.52	155.34 5.53 -85.41	174.45 13.18 0.00	172.63 12.63 -5.48	156.54 9.46 -31.32	148.44 10.12 -6.27	120.62 4.96 -53.04	97.96 5.07 -24.83	97.17 3.76 -38.25
EAST RIVER___7 23524	100.17 5.93 0.00	103.92 5.40 0.00	102.25 5.19 0.00	109.79 5.49 0.00	114.95 5.06 0.00	98.78 5.49 -2.85	99.61 2.67 -60.48	151.15 3.90 -97.16	155.78 10.03 -15.69	136.39 10.07 -0.69	112.58 8.69 -2.36	77.40 6.14 -0.18	61.36 5.00 -0.96	49.00 4.09 -2.75	60.70 4.67 -7.34	73.92 3.22 -35.52	155.34 5.53 -85.41	174.45 13.18 0.00	172.63 12.63 -5.48	156.54 9.46 -31.32	148.44 10.12 -6.27	120.62 4.96 -53.04	97.96 5.07 -24.83	97.17 3.76 -38.25
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	99.86 5.63 0.00	103.71 5.20 0.00	102.00 4.94 0.00	109.59 5.28 0.00	114.76 4.87 0.00	98.48 5.19 -2.84	99.29 2.52 -60.32	150.64 3.65 -96.90	154.86 9.22 -15.58	135.42 9.14 -0.65	111.79 7.93 -2.33	76.77 5.52 -0.18	60.82 4.46 -0.96	48.45 3.56 -2.73	60.15 4.14 -7.32	73.55 2.92 -35.44	154.70 5.07 -85.23	173.36 12.09 0.00	171.60 11.61 -5.47	155.80 8.79 -31.26	147.81 9.50 -6.26	120.24 4.68 -52.93	97.65 4.81 -24.77	96.90 3.56 -38.17
EAST_HAMPTON___DIESEL 23722	104.73 10.49 0.00	108.59 10.07 0.00	106.66 9.60 0.00	115.31 11.01 0.00	120.46 10.57 0.00	108.15 10.59 -7.11	101.53 4.60 -60.47	152.98 5.75 -97.13	159.37 13.38 -15.94	138.72 12.24 -0.85	115.15 11.20 -2.43	78.78 7.50 -0.20	62.13 5.76 -0.96	49.35 4.39 -2.80	61.20 5.14 -7.37	74.32 3.60 -35.53	156.94 7.15 -85.39	176.38 15.11 0.00	175.41 15.41 -5.48	161.08 14.01 -31.32	154.52 16.21 -6.27	144.87 8.35 -73.90	128.80 8.67 -52.07	99.18 5.78 -38.24
EAST_POINT___SOLAR 323840	99.93 5.69 0.00	104.40 5.88 0.00	102.87 5.82 0.00	110.75 6.44 0.00	116.84 6.95 0.00	100.28 5.91 -3.92	142.47 2.87 -103.15	239.72 4.16 -185.46	185.29 9.83 -45.40	129.24 3.60 0.00	106.44 2.10 -2.81	72.54 1.32 -0.15	57.93 1.21 -1.32	45.92 1.25 -2.51	60.15 1.91 -9.55	85.48 1.84 -48.45	187.07 5.17 -117.50	176.89 15.62 0.00	192.87 15.31 -23.04	228.68 11.26 -101.68	170.52 12.13 -26.35	190.10 5.34 -122.14	152.08 5.49 -78.53	187.42 4.09 -128.17
EAST_PULASKI___ESR 323781	91.43 -2.80 0.00	95.34 -3.17 0.00	93.87 -3.19 0.00	100.88 -3.42 0.00	107.34 -2.55 0.00	88.81 -1.85 -0.21	39.84 -0.69 -4.08	55.16 -0.96 -6.02	128.42 -2.23 -0.59	123.55 -2.09 0.00	100.06 -1.62 -0.15	69.55 -1.54 -0.01	54.06 -1.42 -0.07	41.14 -1.15 -0.13	47.89 -1.30 -0.50	37.03 -0.70 -2.54	69.87 -0.70 -6.17	159.99 -1.28 0.00	153.20 -1.31 0.00	115.34 -1.18 -0.76	130.10 -1.95 0.00	64.14 -1.06 -2.58	67.11 -1.71 -0.76	54.99 -1.51 -1.34
EAST_RIVER___1 323558	100.21 5.98 0.00	103.99 5.47 0.00	102.33 5.27 0.00	109.88 5.57 0.00	115.00 5.10 0.00	98.83 5.54 -2.85	99.61 2.67 -60.48	151.15 3.89 -97.16	155.71 9.96 -15.69	136.28 9.95 -0.69	112.48 8.59 -2.36	77.32 6.07 -0.18	61.30 4.94 -0.96	48.95 4.05 -2.75	60.66 4.62 -7.34	73.89 3.18 -35.52	155.26 5.46 -85.41	174.25 12.99 0.00	172.50 12.50 -5.48	156.46 9.38 -31.32	148.40 10.09 -6.27	120.59 4.92 -53.04	97.96 5.08 -24.83	97.20 3.79 -38.25
EAST_RIVER___2 323559	100.17 5.93 0.00	103.92 5.40 0.00	102.25 5.19 0.00	109.79 5.49 0.00	114.95 5.06 0.00	98.78 5.49 -2.85	99.61 2.67 -60.48	151.15 3.90 -97.16	155.78 10.03 -15.69	136.39 10.07 -0.69	112.58 8.69 -2.36	77.40 6.14 -0.18	61.36 5.00 -0.96	49.00 4.09 -2.75	60.70 4.67 -7.34	73.92 3.22 -35.52	155.34 5.53 -85.41	174.45 13.18 0.00	172.63 12.63 -5.48	156.54 9.46 -31.32	148.44 10.12 -6.27	120.62 4.96 -53.04	97.96 5.07 -24.83	97.17 3.76 -38.25
EAST___DELAWARE_HYD 23607	97.58 3.34 0.00	101.42 2.91 0.00	99.74 2.68 0.00	107.18 2.87 0.00	112.48 2.59 0.00	96.19 3.14 -2.60	93.76 1.79 -55.52	143.36 3.76 -89.51	153.09 9.33 -13.71	134.37 8.74 0.00	110.65 7.26 -1.87	75.79 4.62 -0.10	60.01 3.73 -0.88	46.30 2.48 -1.67	57.32 2.30 -6.33	69.07 1.76 -32.12	145.80 3.49 -77.91	170.10 8.83 0.00	168.40 8.63 -5.25	151.80 6.52 -29.53	144.91 6.86 -6.01	115.15 3.32 -49.20	94.69 3.27 -23.36	93.55 2.31 -36.08
EIGHT_POINT___WT_PWR 323820	87.10 -7.13 0.00	90.29 -8.23 0.00	83.89 -10.67 2.50	92.59 -11.71 0.00	98.02 -11.87 0.00	81.66 -8.52 0.27	42.63 -3.43 -9.61	42.11 -5.28 2.70	75.40 -12.04 42.62	116.18 -9.45 0.00	96.69 -5.25 -0.42	67.65 -3.45 -0.02	51.78 -3.82 -0.20	39.23 -3.30 -0.37	45.84 -4.27 -1.42	39.61 -2.79 -7.22	70.90 -3.86 -10.37	125.06 -9.75 26.46	94.96 -10.14 49.42	44.90 -10.02 60.82	34.10 -12.50 85.44	31.50 -6.06 25.07	-3.99 -5.58 66.48	-8.73 -5.16 58.74
ELBRIDGE_115KV_TB2 80188	92.14 -2.09 0.00	96.20 -2.32 0.00	94.70 -2.36 0.00	101.76 -2.55 0.00	107.32 -2.58 0.00	89.02 -1.73 -0.31	42.04 -0.49 -6.08	58.35 -0.71 -8.96	129.08 -1.85 -0.88	123.70 -1.94 0.00	100.42 -1.33 -0.22	69.97 -1.12 -0.01	54.51 -1.00 -0.10	41.61 -0.75 -0.20	48.58 -0.86 -0.75	38.50 -0.47 -3.79	72.73 -0.84 -9.18	158.74 -2.53 0.00	151.97 -2.55 0.00	115.07 -1.82 -1.14	129.61 -2.43 0.00	65.30 -1.16 -3.83	67.96 -1.23 -1.13	56.09 -1.06 -1.99
ELEC_TRO_TEK 24086	101.09 6.85 0.00	104.88 6.36 0.00	103.07 6.01 0.00	110.90 6.60 0.00	115.99 6.09 0.00	104.07 6.51 -7.11	99.80 2.88 -60.47	151.27 4.04 -97.13	155.82 9.81 -15.95	136.24 9.75 -0.85	112.76 8.80 -2.43	77.51 6.23 -0.20	61.39 5.02 -0.96	48.97 3.93 -2.88	60.67 4.57 -7.40	73.96 3.22 -35.56	155.42 5.63 -85.40	174.54 13.27 0.00	172.58 12.58 -5.48	156.87 9.80 -31.32	149.10 10.79 -6.27	142.07 5.55 -73.90	125.85 5.72 -52.07	97.58 4.17 -38.24

ELLENBURG_WT_PWR 323604	92.17 -2.07 0.00	96.83 -1.69 0.00	95.81 -1.25 0.00	103.90 -0.40 0.00	109.95 0.05 0.00	88.80 -1.64 0.00	35.22 -1.23 0.00	48.38 -1.71 0.00	126.36 -3.69 0.00	121.08 -4.56 0.00	97.61 -3.92 0.00	68.53 -2.54 0.00	53.62 -1.78 0.00	40.83 -1.33 0.00	47.45 -1.25 0.00	34.45 -0.73 0.00	63.65 -0.75 0.00	160.08 -1.19 0.00	153.79 -0.72 0.00	115.13 -0.61 0.00	131.34 -0.70 0.00	62.12 -0.51 0.00	67.58 -0.48 0.00	55.16 -0.01 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	85.99 -8.25 0.00	89.70 -8.82 0.00	87.47 -8.57 1.02	95.05 -9.25 0.00	100.79 -9.10 0.00	84.17 -6.38 -0.11	42.17 -2.71 -8.42	53.00 -4.22 -7.13	105.96 -10.22 13.87	115.22 -10.42 0.00	95.06 -6.80 -0.33	66.50 -4.60 -0.02	51.39 -4.17 -0.15	38.87 -3.57 -0.29	45.51 -4.30 -1.12	37.50 -3.35 -5.66	68.82 -6.38 -10.80	132.45 -17.63 11.19	85.24 -17.64 51.64	41.16 -13.16 61.43	40.45 -15.80 75.79	23.30 -7.14 32.18	27.76 -6.08 34.21	27.85 -4.61 22.70
EMPIRE_CC_1 323656	97.97 3.73 0.00	102.04 3.52 0.00	100.59 3.53 0.00	108.04 3.75 0.00	113.51 3.61 0.00	97.46 3.66 -3.36	113.13 1.62 -75.06	176.66 2.07 -124.50	157.50 5.35 -22.09	131.12 5.48 0.00	109.23 5.30 -2.41	74.77 3.57 -0.12	59.36 2.82 -1.13	46.34 2.04 -2.15	59.38 2.52 -8.17	78.47 1.83 -41.44	168.08 3.16 -100.52	168.16 6.89 0.00	170.90 6.87 -9.52	169.56 5.35 -48.46	148.90 5.96 -10.89	137.85 3.05 -72.18	109.52 3.51 -37.95	117.63 2.75 -59.71
EMPIRE_CC_2 323658	97.97 3.73 0.00	102.04 3.52 0.00	100.59 3.53 0.00	108.04 3.75 0.00	113.51 3.61 0.00	97.46 3.66 -3.36	113.13 1.62 -75.06	176.66 2.07 -124.50	157.50 5.35 -22.09	131.12 5.48 0.00	109.23 5.30 -2.41	74.77 3.57 -0.12	59.36 2.82 -1.13	46.34 2.04 -2.15	59.38 2.52 -8.17	78.47 1.83 -41.44	168.08 3.16 -100.52	168.16 6.89 0.00	170.90 6.87 -9.52	169.56 5.35 -48.46	148.90 5.96 -10.89	137.85 3.05 -72.18	109.52 3.51 -37.95	117.63 2.75 -59.71
ENORWICH_115KV_TB1 80156	96.79 2.55 0.00	101.45 2.94 0.00	101.78 3.13 -1.59	106.72 2.42 0.00	112.40 2.50 0.00	94.63 2.76 -1.43	59.41 1.63 -21.32	97.89 2.16 -45.63	167.29 5.95 -31.29	131.22 5.59 0.00	106.63 4.47 -0.63	73.39 2.28 -0.03	56.52 0.82 -0.30	43.67 0.95 -0.56	52.86 2.03 -2.14	48.61 2.55 -10.87	101.62 6.31 -30.91	196.69 18.41 -17.01	237.10 17.59 -64.99	219.01 11.41 -91.85	238.59 9.96 -96.59	132.55 3.68 -66.24	135.41 3.57 -63.78	116.15 1.99 -58.99
ERIE_ST__34_KV_TB1-2 80199	87.61 -6.62 0.00	91.37 -7.15 0.00	89.00 -6.99 1.08	96.77 -7.54 0.00	102.52 -7.38 0.00	85.63 -4.92 -0.11	43.06 -2.16 -8.77	54.30 -3.24 -7.44	108.00 -7.67 14.39	117.71 -7.92 0.00	96.94 -4.93 -0.34	67.72 -3.38 -0.02	52.38 -3.18 -0.16	39.69 -2.77 -0.31	46.51 -3.34 -1.16	38.40 -2.69 -5.90	70.51 -5.11 -11.23	135.75 -14.04 11.48	90.81 -13.95 49.76	45.03 -10.43 60.28	43.88 -12.84 75.33	25.60 -5.74 31.29	28.25 -4.65 35.16	27.78 -3.53 23.85
ERIE_WT_PWR 323693	86.37 -7.86 0.00	90.11 -8.41 0.00	87.80 -8.20 1.06	95.46 -8.84 0.00	101.18 -8.71 0.00	84.58 -5.97 -0.11	42.55 -2.53 -8.62	53.40 -3.96 -7.26	106.33 -9.43 14.29	116.12 -9.52 0.00	95.78 -6.09 -0.34	67.01 -4.08 -0.02	51.75 -3.82 -0.16	39.16 -3.30 -0.30	45.86 -3.98 -1.14	37.86 -3.13 -5.81	69.56 -5.87 -11.03	133.58 -16.27 11.41	86.74 -16.31 51.46	41.13 -12.45 62.17	39.96 -14.92 77.16	23.32 -6.75 32.55	27.07 -5.73 35.26	27.11 -4.43 23.62
ESPRGFLD_115KV_TB1 80157	96.56 2.33 0.00	100.95 2.43 0.00	99.42 2.36 0.00	106.96 2.66 0.00	112.87 2.98 0.00	92.91 2.47 0.00	56.26 1.38 -18.43	103.98 2.07 -51.81	160.18 5.16 -24.96	129.52 3.89 0.00	104.65 3.12 0.00	73.14 2.07 0.00	56.76 1.36 0.00	43.29 1.14 0.00	50.22 1.53 0.00	36.51 1.32 0.00	67.74 3.34 0.00	171.16 9.90 0.00	181.02 9.49 -17.01	186.88 6.81 -64.32	158.34 6.84 -19.46	119.42 2.84 -53.95	117.99 2.74 -47.19	132.12 1.89 -75.07
ETNA_115_KV_TB1_REV_LBMP_C 345029	94.31 0.08 0.00	98.48 -0.03 0.00	100.80 -0.18 -3.92	104.09 -0.22 0.00	109.80 -0.09 0.00	92.92 0.50 -1.98	54.85 0.47 -17.93	105.19 0.62 -54.47	198.38 1.70 -66.62	127.38 1.74 0.00	103.37 1.39 -0.45	71.61 0.51 -0.02	55.70 0.08 -0.21	42.61 0.06 -0.40	50.37 0.14 -1.54	43.30 0.31 -7.81	95.63 1.11 -30.13	206.36 3.22 -41.88	309.18 3.00 -151.66	317.95 2.08 -200.12	363.22 1.66 -229.52	190.47 0.64 -127.21	206.69 0.60 -138.03	171.89 0.28 -116.45
ETNA____115KV_TB2 80207	94.31 0.08 0.00	98.48 -0.03 0.00	100.80 -0.18 -3.92	104.09 -0.22 0.00	109.80 -0.09 0.00	92.92 0.50 -1.98	54.85 0.47 -17.93	105.19 0.62 -54.47	198.38 1.70 -66.62	127.38 1.74 0.00	103.37 1.39 -0.45	71.61 0.51 -0.02	55.70 0.08 -0.21	42.61 0.06 -0.40	50.37 0.14 -1.54	43.30 0.31 -7.81	95.63 1.11 -30.13	206.36 3.22 -41.88	309.18 3.00 -151.66	317.95 2.08 -200.12	363.22 1.66 -229.52	190.47 0.64 -127.21	206.69 0.60 -138.03	171.89 0.28 -116.45
EUCLID____115KV_TB2 356179	91.56 -2.68 0.00	95.59 -2.92 0.00	94.15 -2.91 0.00	101.17 -3.14 0.00	106.70 -3.19 0.00	88.50 -2.18 -0.24	40.54 -0.69 -4.78	56.11 -1.03 -7.05	128.16 -2.58 -0.69	122.98 -2.66 0.00	99.81 -1.89 -0.17	69.58 -1.50 -0.01	54.20 -1.29 -0.08	41.34 -0.97 -0.15	48.16 -1.13 -0.59	37.49 -0.67 -2.98	70.37 -1.25 -7.22	157.87 -3.40 0.00	151.15 -3.37 0.00	114.10 -2.54 -0.90	128.80 -3.25 0.00	64.10 -1.54 -3.02	67.31 -1.64 -0.89	55.34 -1.39 -1.57
E_CANADA_CAP_HY 24051	97.59 3.35 0.00	102.06 3.54 0.00	100.59 3.53 0.00	108.28 3.98 0.00	114.38 4.48 0.00	98.08 3.56 -4.07	142.71 1.82 -104.44	238.02 2.73 -185.20	180.28 6.67 -43.55	129.45 3.81 0.00	107.00 2.55 -2.92	72.92 1.69 -0.15	57.95 1.17 -1.37	45.74 0.98 -2.61	59.96 1.35 -9.92	86.70 1.18 -50.33	190.01 3.54 -122.07	172.41 11.14 0.00	187.01 10.96 -21.54	220.32 8.00 -96.58	165.19 8.52 -24.63	185.53 3.61 -119.29	146.63 3.69 -74.88	180.16 2.70 -122.30
E_CANADA_MHWK_HY 24050	96.83 2.59 0.00	101.10 2.58 0.00	99.50 2.44 0.00	106.91 2.61 0.00	111.86 1.96 0.00	93.12 2.68 0.00	38.70 2.24 0.00	53.29 3.20 0.00	138.08 8.02 0.00	130.69 5.06 0.00	104.89 3.36 0.00	72.69 1.61 0.00	56.57 1.17 0.00	42.90 0.74 0.00	50.17 1.48 0.00	36.62 1.44 0.00	68.90 4.50 0.00	174.32 13.05 0.00	167.64 13.12 0.00	125.59 9.84 0.00	142.24 10.20 0.00	67.37 4.74 0.00	72.93 4.87 0.00	58.81 3.65 0.00
E_FISHKILL____LBMP 23776	99.42 5.18 0.00	103.30 4.79 0.00	101.64 4.58 0.00	109.17 4.86 0.00	114.40 4.51 0.00	98.12 4.77 -2.91	100.49 2.30 -61.73	152.56 3.31 -99.15	153.33 8.39 -14.88	133.89 8.25 0.00	110.82 7.21 -2.08	76.21 5.03 -0.11	60.41 4.03 -0.98	47.18 3.16 -1.86	59.47 3.69 -7.08	73.76 2.66 -35.92	156.12 4.61 -87.10	172.11 10.84 0.00	170.62 10.51 -5.59	155.65 7.95 -31.95	147.09 8.65 -6.39	121.02 4.27 -54.12	97.81 4.43 -25.32	97.48 3.31 -39.01
FALCON____SEABRD_CC1 323796	93.40 -0.83 0.00	98.11 -0.40 0.00	97.06 0.00 0.00	105.04 0.74 0.00	110.91 1.02 0.00	89.30 -1.15 0.00	35.45 -1.00 0.00	48.46 -1.64 0.00	126.71 -3.34 0.00	121.23 -4.41 0.00	97.79 -3.74 0.00	68.69 -2.39 0.00	53.84 -1.56 0.00	40.95 -1.21 0.00	47.74 -0.95 0.00	34.70 -0.49 0.00	64.17 -0.23 0.00	161.34 0.07 0.00	155.30 0.78 0.00	116.26 0.51 0.00	132.45 0.41 0.00	62.54 -0.09 0.00	68.03 -0.03 0.00	55.82 0.66 0.00

FALCON___SEABRD_CC2 323797	93.40 -0.83 0.00	98.11 -0.40 0.00	97.06 0.00 0.00	105.04 0.74 0.00	110.91 1.02 0.00	89.30 -1.15 0.00	35.45 -1.00 0.00	48.46 -1.64 0.00	126.71 -3.34 0.00	121.23 -4.41 0.00	97.79 -3.74 0.00	68.69 -2.39 0.00	53.84 -1.56 0.00	40.95 -1.21 0.00	47.74 -0.95 0.00	34.70 -0.49 0.00	64.17 -0.23 0.00	161.34 0.07 0.00	155.30 0.78 0.00	116.26 0.51 0.00	132.45 0.41 0.00	62.54 -0.09 0.00	68.03 -0.03 0.00	55.82 0.66 0.00
FAR ROCKAWAY___4 23548	102.15 7.91 0.00	105.93 7.41 0.00	104.10 7.04 0.00	112.03 7.73 0.00	117.24 7.35 0.00	105.12 7.56 -7.11	100.12 3.20 -60.47	151.69 4.46 -97.13	156.83 10.82 -15.95	137.18 10.69 -0.85	113.64 9.68 -2.43	78.40 7.12 -0.20	62.08 5.71 -0.96	49.51 4.47 -2.88	61.32 5.23 -7.40	74.41 3.66 -35.56	156.02 6.22 -85.40	175.80 14.53 0.00	173.85 13.85 -5.48	157.78 10.72 -31.32	150.28 11.96 -6.27	142.59 6.07 -73.90	126.46 6.33 -52.07	98.18 4.78 -38.24
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	100.28 6.04 0.00	104.07 5.56 0.00	102.40 5.34 0.00	109.95 5.65 0.00	115.08 5.18 0.00	98.86 5.57 -2.85	99.63 2.69 -60.49	151.18 3.93 -97.16	155.69 9.96 -15.66	136.29 9.98 -0.67	112.48 8.60 -2.35	77.33 6.07 -0.18	61.29 4.93 -0.96	48.92 4.04 -2.72	60.65 4.63 -7.33	73.88 3.18 -35.51	155.26 5.46 -85.41	174.26 13.00 0.00	172.51 12.51 -5.48	156.46 9.38 -31.32	148.40 10.09 -6.27	120.64 4.96 -53.05	97.96 5.07 -24.83	97.24 3.82 -38.25
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	100.34 6.10 0.00	104.11 5.60 0.00	102.45 5.39 0.00	109.99 5.69 0.00	115.16 5.27 0.00	98.94 5.64 -2.85	99.64 2.70 -60.49	151.20 3.94 -97.16	155.78 10.06 -15.66	136.35 10.04 -0.67	112.50 8.62 -2.35	77.34 6.08 -0.18	61.31 4.95 -0.96	48.94 4.06 -2.72	60.67 4.65 -7.33	73.90 3.20 -35.51	155.28 5.47 -85.41	174.36 13.10 0.00	172.56 12.56 -5.48	156.50 9.43 -31.32	148.50 10.18 -6.27	120.66 4.99 -53.05	97.99 5.10 -24.83	97.25 3.84 -38.25
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	100.24 6.00 0.00	104.00 5.48 0.00	102.35 5.30 0.00	109.90 5.60 0.00	115.05 5.16 0.00	98.84 5.55 -2.85	99.60 2.67 -60.49	151.14 3.89 -97.16	155.65 9.93 -15.66	136.22 9.91 -0.67	112.40 8.53 -2.35	77.28 6.02 -0.18	61.27 4.90 -0.96	48.90 4.02 -2.72	60.64 4.61 -7.33	73.86 3.17 -35.51	155.21 5.41 -85.41	174.17 12.91 0.00	172.41 12.41 -5.48	156.36 9.28 -31.32	148.32 10.01 -6.27	120.58 4.91 -53.05	97.91 5.02 -24.83	97.19 3.78 -38.25
FARRAGUT___LBMP 323566	100.18 5.94 0.00	103.96 5.44 0.00	102.29 5.23 0.00	109.79 5.49 0.00	114.96 5.06 0.00	98.76 5.47 -2.85	99.57 2.63 -60.49	151.09 3.84 -97.16	155.52 9.80 -15.66	136.09 9.78 -0.67	112.30 8.42 -2.35	77.20 5.94 -0.18	61.20 4.84 -0.96	48.86 3.98 -2.72	60.59 4.56 -7.33	73.83 3.13 -35.51	155.15 5.34 -85.41	174.02 12.75 0.00	172.25 12.25 -5.48	156.26 9.18 -31.32	148.21 9.89 -6.27	120.53 4.86 -53.05	97.85 4.97 -24.83	97.14 3.73 -38.25
FENNER___WINDPWR 24204	94.73 0.50 0.00	99.01 0.48 0.00	98.31 0.50 -0.75	104.87 0.57 0.00	110.85 0.95 0.00	92.38 1.34 -0.60	44.74 0.73 -7.56	67.19 0.98 -16.12	145.78 2.70 -13.03	128.09 2.46 0.00	103.87 2.10 -0.24	72.08 0.99 -0.01	56.10 0.58 -0.11	42.85 0.47 -0.22	50.25 0.73 -0.83	40.06 0.67 -4.20	78.47 1.75 -12.32	174.10 4.83 -8.00	187.00 4.49 -27.99	155.92 2.99 -37.18	177.41 2.75 -42.62	89.46 1.22 -25.62	95.42 1.07 -26.28	78.38 0.55 -22.66
FIBERTEK___ENERGY 23856	92.62 -1.62 0.00	96.70 -1.82 0.00	95.21 -1.85 0.00	102.31 -1.99 0.00	107.92 -1.97 0.00	89.56 -1.18 -0.29	41.92 -0.26 -5.73	58.13 -0.42 -8.45	129.81 -1.07 -0.83	124.44 -1.19 0.00	100.96 -0.77 -0.21	70.34 -0.74 -0.01	54.81 -0.69 -0.10	41.82 -0.52 -0.18	48.82 -0.57 -0.70	38.50 -0.26 -3.57	72.63 -0.42 -8.66	159.88 -1.38 0.00	153.12 -1.40 0.00	115.79 -1.03 -1.07	130.51 -1.53 0.00	65.49 -0.75 -3.62	68.28 -0.84 -1.06	56.28 -0.76 -1.88
FITZPATRICK____ 23598	90.40 -3.84 0.00	94.39 -4.13 0.00	92.99 -4.07 0.00	99.92 -4.38 0.00	105.36 -4.54 0.00	87.19 -3.43 -0.17	38.58 -1.24 -3.37	53.27 -1.79 -4.97	125.92 -4.62 -0.49	120.98 -4.66 0.00	98.10 -3.55 -0.12	68.50 -2.58 -0.01	53.35 -2.11 -0.06	40.69 -1.57 -0.11	47.25 -1.86 -0.41	36.09 -1.19 -2.10	67.20 -2.28 -5.09	155.27 -6.00 0.00	148.69 -5.82 0.00	112.03 -4.35 -0.63	126.82 -5.22 0.00	62.31 -2.44 -2.13	66.07 -2.62 -0.62	54.14 -2.13 -1.11
FLOWRFLD_69_KV_BK1 356044	102.40 8.17 0.00	106.24 7.72 0.00	104.39 7.32 0.00	112.38 8.07 0.00	117.29 7.39 0.00	105.35 7.79 -7.11	100.31 3.39 -60.47	151.61 4.38 -97.13	156.04 10.04 -15.94	136.53 10.04 -0.85	113.40 9.44 -2.43	77.85 6.57 -0.20	61.48 5.11 -0.96	48.84 3.88 -2.81	60.65 4.58 -7.37	73.97 3.25 -35.53	156.04 6.25 -85.39	175.56 14.29 0.00	173.58 13.58 -5.48	157.81 10.75 -31.32	150.34 12.02 -6.27	143.02 6.50 -73.90	126.82 6.70 -52.07	98.25 4.85 -38.24
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	100.77 6.53 0.00	104.69 6.17 0.00	102.97 5.91 0.00	110.60 6.30 0.00	115.97 6.08 0.00	99.44 6.14 -2.86	100.14 2.91 -60.78	151.99 4.19 -97.71	155.36 10.57 -14.73	135.89 10.25 0.00	112.29 8.71 -2.05	77.16 5.97 -0.11	61.15 4.78 -0.96	47.69 3.70 -1.83	60.01 4.35 -6.96	73.71 3.21 -35.32	155.84 5.78 -85.67	175.24 13.97 0.00	173.57 13.50 -5.56	157.57 10.17 -31.65	149.47 11.07 -6.36	121.41 5.37 -53.42	98.68 5.55 -25.07	97.97 4.16 -38.64
FORT ORANGE____ 23900	97.85 3.62 0.00	102.02 3.50 0.00	100.51 3.46 0.00	107.97 3.67 0.00	113.43 3.54 0.00	97.37 3.47 -3.46	119.57 1.54 -81.58	191.30 1.82 -139.39	162.68 4.46 -28.16	129.98 4.34 0.00	107.59 3.58 -2.48	73.44 2.23 -0.13	58.40 1.83 -1.17	45.64 1.27 -2.22	58.45 1.33 -8.42	78.84 0.92 -42.73	169.74 1.69 -103.65	165.32 4.05 0.00	171.73 4.05 -13.17	181.52 3.13 -62.65	150.47 3.37 -15.06	149.42 1.74 -85.05	118.87 2.13 -48.68	135.13 2.32 -77.65
FORT_DRUM_COGEN 23780	93.02 -1.22 0.00	97.02 -1.50 0.00	95.45 -1.61 0.00	102.78 -1.52 0.00	111.81 1.92 0.00	92.20 1.61 -0.14	39.61 0.35 -2.81	55.00 0.76 -4.14	133.73 3.27 -0.41	129.72 4.09 0.00	104.41 2.78 -0.10	72.09 1.01 -0.01	55.59 0.14 -0.05	42.08 -0.16 -0.09	48.95 -0.09 -0.35	37.12 0.19 -1.75	71.43 2.79 -4.24	170.97 9.71 0.00	163.67 9.15 0.00	122.56 6.29 -0.53	137.85 5.80 0.00	66.55 2.15 -1.77	69.12 0.53 -0.52	56.22 0.13 -0.92
FOX_HILLS___ESR 323835	64.41 5.96 35.79	66.77 5.43 37.17	61.88 5.19 40.36	60.85 5.45 48.90	62.45 4.99 52.43	58.76 5.28 36.97	69.45 2.62 -30.38	182.15 3.73 -128.32	183.95 9.37 -44.53	219.41 9.38 -84.39	-8.60 8.13 118.26	56.99 5.74 19.82	42.12 4.76 18.05	-499.98 3.92 546.05	44.30 4.56 8.95	53.78 3.14 -15.46	135.89 5.32 -66.17	154.19 12.69 19.77	149.36 12.10 17.26	139.16 9.08 -14.32	125.89 9.73 15.88	109.36 4.84 -41.89	90.59 4.91 -17.61	90.14 3.73 -31.24
FPL FAR_ROCK_GT1 24212	102.15 7.91 0.00	105.93 7.41 0.00	104.09 7.03 0.00	112.03 7.72 0.00	117.24 7.35 0.00	105.11 7.55 -7.11	100.12 3.20 -60.47	151.69 4.46 -97.13	156.82 10.81 -15.95	137.19 10.70 -0.85	113.64 9.68 -2.43	78.41 7.13 -0.20	62.08 5.72 -0.96	49.52 4.49 -2.88	61.32 5.23 -7.40	74.41 3.67 -35.56	156.01 6.22 -85.40	175.77 14.50 0.00	173.88 13.88 -5.48	157.79 10.72 -31.32	150.28 11.96 -6.27	142.59 6.06 -73.90	126.49 6.36 -52.07	98.19 4.78 -38.24

FPL FAR_ROCK_GT2 23815	102.15 7.91 0.00	105.93 7.41 0.00	104.09 7.03 0.00	112.03 7.72 0.00	117.24 7.35 0.00	105.11 7.55 -7.11	100.12 3.20 -60.47	151.69 4.46 -97.13	156.82 10.81 -15.95	137.19 10.70 -0.85	113.64 9.68 -2.43	78.41 7.13 -0.20	62.08 5.72 -0.96	49.52 4.49 -2.88	61.32 5.23 -7.40	74.41 3.67 -35.56	156.01 6.22 -85.40	175.77 14.50 0.00	173.88 13.88 -5.48	157.79 10.72 -31.32	150.28 11.96 -6.27	142.59 6.06 -73.90	126.49 6.36 -52.07	98.19 4.78 -38.24
FRANKLIN_FALL_HYD 24054	94.40 0.17 0.00	99.10 0.58 0.00	97.92 0.86 0.00	106.07 1.77 0.00	112.17 2.27 0.00	90.64 0.20 0.00	36.01 -0.44 0.00	49.52 -0.57 0.00	129.54 -0.52 0.00	124.61 -1.02 0.00	100.35 -1.18 0.00	70.43 -0.65 0.00	54.94 -0.46 0.00	41.78 -0.38 0.00	48.42 -0.27 0.00	35.06 -0.13 0.00	64.87 0.47 0.00	163.11 1.85 0.00	156.90 2.38 0.00	117.44 1.69 0.00	134.09 2.05 0.00	63.37 0.74 0.00	69.06 1.00 0.00	56.28 1.12 0.00
FREEPORT_EQUS_GT1 23764	101.35 7.11 0.00	105.13 6.62 0.00	103.26 6.20 0.00	111.13 6.83 0.00	116.23 6.34 0.00	104.68 7.12 -7.11	99.89 2.96 -60.47	151.36 4.13 -97.13	155.92 9.92 -15.95	136.31 9.83 -0.85	112.83 8.87 -2.43	77.58 6.31 -0.20	61.57 5.21 -0.96	49.09 4.07 -2.86	60.81 4.73 -7.39	74.04 3.30 -35.55	155.50 5.70 -85.40	174.81 13.54 0.00	172.92 12.92 -5.48	157.15 10.09 -31.32	149.45 11.14 -6.27	142.28 5.76 -73.90	126.14 6.01 -52.07	97.72 4.32 -38.24
FREEPORT___CT2 23818	101.35 7.11 0.00	105.13 6.62 0.00	103.26 6.20 0.00	111.13 6.83 0.00	116.23 6.34 0.00	104.68 7.12 -7.11	99.89 2.96 -60.47	151.36 4.13 -97.13	155.92 9.92 -15.95	136.31 9.83 -0.85	112.83 8.87 -2.43	77.58 6.31 -0.20	61.57 5.21 -0.96	49.09 4.07 -2.86	60.81 4.73 -7.39	74.04 3.30 -35.55	155.50 5.70 -85.40	174.81 13.54 0.00	172.92 12.92 -5.48	157.15 10.09 -31.32	149.45 11.14 -6.27	142.28 5.76 -73.90	126.14 6.01 -52.07	97.72 4.32 -38.24
FRESHKLS_33_KV_LOAD 356253	64.11 5.67 35.79	66.44 5.10 37.17	61.56 4.87 40.36	60.48 5.08 48.90	62.08 4.62 52.43	58.48 5.00 36.97	69.34 2.50 -30.38	181.99 3.57 -128.32	188.42 8.95 -49.42	222.04 8.95 -87.45	-7.56 7.79 116.87	57.10 5.51 19.49	41.91 4.55 18.05	-495.93 3.76 541.84	46.02 4.39 7.07	55.20 3.02 -16.99	136.04 5.13 -66.51	153.70 12.21 19.77	148.85 11.59 17.26	138.83 8.76 -14.32	125.50 9.34 15.88	109.19 4.67 -41.89	90.38 4.71 -17.61	89.99 3.58 -31.24
FULTON COGEN____ 23766	91.54 -2.70 0.00	95.52 -3.00 0.00	94.05 -3.01 0.00	101.06 -3.24 0.00	106.66 -3.23 0.00	88.41 -2.26 -0.23	40.22 -0.71 -4.48	55.66 -1.04 -6.60	128.01 -2.69 -0.65	122.69 -2.95 0.00	99.57 -2.12 -0.16	69.44 -1.64 -0.01	54.09 -1.39 -0.08	41.28 -1.02 -0.14	48.07 -1.18 -0.55	37.32 -0.65 -2.79	69.92 -1.25 -6.76	157.94 -3.33 0.00	151.30 -3.21 0.00	114.16 -2.43 -0.84	128.90 -3.15 0.00	63.95 -1.50 -2.83	67.19 -1.71 -0.83	55.18 -1.45 -1.47
FULTON___LFGE 323630	99.26 5.03 0.00	103.65 5.13 0.00	102.12 5.06 0.00	109.85 5.55 0.00	115.85 5.96 0.00	99.49 5.16 -3.88	141.75 2.47 -102.82	239.21 3.58 -185.53	184.61 8.69 -45.87	130.73 5.09 0.00	107.37 3.05 -2.79	73.08 1.86 -0.14	57.90 1.18 -1.31	45.54 0.89 -2.49	59.31 1.16 -9.46	84.46 1.30 -47.97	185.10 4.35 -116.35	174.51 13.25 0.00	190.88 12.95 -23.41	228.30 9.58 -102.96	169.19 10.36 -26.78	190.11 4.62 -122.86	152.29 4.78 -79.44	188.38 3.56 -129.65
G.F.CEMENT___DRP 24184	102.22 7.98 0.00	106.58 8.06 0.00	105.21 8.16 0.00	113.05 8.74 0.00	118.91 9.02 0.00	102.47 8.43 -3.59	137.63 3.86 -97.31	233.48 5.43 -177.95	189.61 14.08 -45.47	138.02 12.38 0.00	113.84 9.74 -2.58	77.28 6.07 -0.13	61.24 4.62 -1.21	47.69 3.23 -2.30	61.63 4.19 -8.75	83.02 3.47 -44.37	178.88 6.88 -107.60	178.48 17.22 0.00	195.26 16.96 -23.79	231.90 12.85 -103.31	173.61 14.35 -27.21	189.77 6.75 -120.40	154.54 7.12 -79.36	189.79 5.51 -129.12
GARDENVILLE___LBMP 24039	86.11 -8.12 0.00	89.80 -8.72 0.00	87.52 -8.47 1.06	95.19 -9.11 0.00	100.93 -8.97 0.00	84.31 -6.24 -0.10	42.35 -2.66 -8.56	53.11 -4.09 -7.10	105.71 -9.90 14.45	115.60 -10.03 0.00	95.42 -6.44 -0.34	66.74 -4.35 -0.02	51.55 -4.01 -0.16	38.99 -3.46 -0.30	45.69 -4.14 -1.14	37.74 -3.21 -5.77	69.23 -6.11 -10.95	132.69 -16.94 11.64	82.88 -16.98 54.66	37.90 -12.75 65.10	36.65 -15.37 80.03	21.28 -6.96 34.39	26.28 -5.89 35.89	26.95 -4.48 23.73
GARDNVLA_35_KV_LD 355827	86.52 -7.71 0.00	90.24 -8.28 0.00	87.92 -8.08 1.06	95.63 -8.67 0.00	101.35 -8.54 0.00	84.70 -5.85 -0.11	42.63 -2.47 -8.65	53.57 -3.84 -7.32	106.54 -9.28 14.23	116.26 -9.37 0.00	95.94 -5.93 -0.34	67.10 -3.99 -0.02	51.83 -3.73 -0.16	39.20 -3.25 -0.30	45.91 -3.93 -1.15	37.94 -3.06 -5.82	69.64 -5.83 -11.07	133.85 -16.09 11.33	88.31 -16.13 50.08	42.91 -12.14 60.70	41.70 -14.70 75.65	24.27 -6.67 31.69	27.47 -5.61 34.98	27.32 -4.25 23.59
GELCKHM___115KV_LOAD 80723	91.99 -2.25 0.00	96.02 -2.50 0.00	94.55 -2.51 0.00	101.60 -2.70 0.00	107.16 -2.73 0.00	88.93 -1.77 -0.26	41.06 -0.52 -5.12	56.87 -0.79 -7.56	128.80 -1.99 -0.74	123.58 -2.06 0.00	100.25 -1.46 -0.18	69.87 -1.21 -0.01	54.43 -1.06 -0.09	41.53 -0.79 -0.17	48.41 -0.92 -0.63	37.87 -0.51 -3.19	71.20 -0.94 -7.74	158.69 -2.58 0.00	151.92 -2.60 0.00	114.77 -1.94 -0.96	129.48 -2.57 0.00	64.63 -1.23 -3.24	67.69 -1.32 -0.95	55.72 -1.12 -1.68
GENERAL___MILLS 23808	86.40 -7.83 0.00	90.11 -8.41 0.00	87.82 -8.17 1.06	95.50 -8.80 0.00	101.23 -8.66 0.00	84.58 -5.97 -0.11	42.54 -2.53 -8.62	53.43 -3.93 -7.26	106.31 -9.45 14.29	116.05 -9.58 0.00	95.75 -6.12 -0.34	66.98 -4.12 -0.02	51.73 -3.83 -0.16	39.14 -3.32 -0.30	45.85 -3.99 -1.14	37.87 -3.12 -5.81	69.50 -5.92 -11.03	133.48 -16.37 11.41	86.66 -16.40 51.46	41.23 -12.35 62.17	39.95 -14.93 77.16	23.32 -6.75 32.55	27.12 -5.68 35.26	27.22 -4.31 23.62
GE_PLASTICS___DRP 24183	97.30 3.06 0.00	101.49 2.97 0.00	99.96 2.90 0.00	107.39 3.08 0.00	112.84 2.95 0.00	96.86 2.95 -3.46	117.20 1.33 -79.42	185.60 1.77 -133.74	159.96 4.47 -25.44	130.09 4.45 0.00	107.91 3.90 -2.48	73.80 2.59 -0.13	58.66 2.10 -1.16	45.89 1.51 -2.22	58.80 1.69 -8.42	79.09 1.19 -42.70	170.08 2.11 -103.57	166.00 4.73 0.00	170.62 4.63 -11.47	175.55 3.58 -56.21	149.06 3.89 -13.12	144.28 2.01 -79.64	114.20 2.31 -43.83	126.67 2.00 -69.50
GILBOA___1 23756	97.12 2.88 0.00	101.48 2.96 0.00	99.95 2.89 0.00	107.37 3.07 0.00	112.81 2.91 0.00	95.93 2.74 -2.75	95.28 1.30 -57.53	143.49 1.76 -91.63	147.57 4.44 -13.08	130.22 4.59 0.00	107.59 4.09 -1.97	73.93 2.75 -0.10	58.50 2.17 -0.93	45.56 1.65 -1.76	57.34 1.97 -6.68	70.55 1.45 -33.91	149.22 2.57 -82.25	166.78 5.51 0.00	164.52 5.33 -4.68	147.86 4.22 -27.88	141.87 4.47 -5.35	114.17 2.36 -49.19	92.76 2.52 -22.18	90.98 1.89 -33.92
GILBOA___2 23757	97.12 2.88 0.00	101.48 2.96 0.00	99.95 2.89 0.00	107.37 3.07 0.00	112.81 2.91 0.00	95.93 2.74 -2.75	95.28 1.30 -57.53	143.49 1.76 -91.63	147.57 4.44 -13.08	130.22 4.59 0.00	107.59 4.09 -1.97	73.93 2.75 -0.10	58.50 2.17 -0.93	45.56 1.65 -1.76	57.34 1.97 -6.68	70.55 1.45 -33.91	149.22 2.57 -82.25	166.78 5.51 0.00	164.52 5.33 -4.68	147.86 4.22 -27.88	141.87 4.47 -5.35	114.17 2.36 -49.19	92.76 2.52 -22.18	90.98 1.89 -33.92

GILBOA___3 23758	97.12 2.88 0.00	101.48 2.96 0.00	99.95 2.89 0.00	107.37 3.07 0.00	112.81 2.91 0.00	95.93 2.74 -2.75	95.28 1.30 -57.53	143.49 1.76 -91.63	147.57 4.44 -13.08	130.22 4.59 0.00	107.59 4.09 -1.97	73.93 2.75 -0.10	58.50 2.17 -0.93	45.56 1.65 -1.76	57.34 1.97 -6.68	70.55 1.45 -33.91	149.22 2.57 -82.25	166.78 5.51 0.00	164.52 5.33 -4.68	147.86 4.22 -27.88	141.87 4.47 -5.35	114.17 2.36 -49.19	92.76 2.52 -22.18	90.98 1.89 -33.92
GILBOA___4 23759	97.12 2.88 0.00	101.48 2.96 0.00	99.95 2.89 0.00	107.37 3.07 0.00	112.81 2.91 0.00	95.93 2.74 -2.75	95.28 1.30 -57.53	143.49 1.76 -91.63	147.57 4.44 -13.08	130.22 4.59 0.00	107.59 4.09 -1.97	73.93 2.75 -0.10	58.50 2.17 -0.93	45.56 1.65 -1.76	57.34 1.97 -6.68	70.55 1.45 -33.91	149.22 2.57 -82.25	166.78 5.51 0.00	164.52 5.33 -4.68	147.86 4.22 -27.88	141.87 4.47 -5.35	114.17 2.36 -49.19	92.76 2.52 -22.18	90.98 1.89 -33.92
GILBOA___ 23599	97.12 2.88 0.00	101.48 2.96 0.00	99.95 2.89 0.00	107.37 3.07 0.00	112.81 2.91 0.00	95.93 2.74 -2.75	95.28 1.30 -57.53	143.49 1.76 -91.63	147.57 4.44 -13.08	130.21 4.57 0.00	107.58 4.09 -1.97	73.93 2.75 -0.10	58.50 2.17 -0.93	45.56 1.64 -1.76	57.34 1.97 -6.68	70.55 1.45 -33.91	149.22 2.57 -82.25	166.83 5.56 0.00	164.53 5.33 -4.68	147.85 4.21 -27.88	141.87 4.47 -5.35	114.17 2.35 -49.19	92.76 2.51 -22.18	90.99 1.91 -33.92
GINNA___ 23603	86.39 -7.85 0.00	90.18 -8.34 0.00	88.37 -8.16 0.53	95.51 -8.80 0.00	101.03 -8.87 0.00	84.13 -6.47 -0.15	40.08 -2.43 -6.06	51.88 -3.60 -5.39	113.34 -9.07 7.65	116.20 -9.43 0.00	94.90 -6.86 -0.24	66.30 -4.79 -0.01	51.44 -4.08 -0.11	39.05 -3.32 -0.21	45.65 -3.86 -0.82	36.59 -2.73 -4.14	67.87 -5.04 -8.51	141.92 -13.63 5.71	121.21 -13.49 19.82	81.27 -10.08 24.40	89.48 -12.10 30.46	45.92 -5.64 11.06	45.84 -5.59 16.64	38.26 -4.48 12.42
GLEN PARK___ 23778	93.59 -0.64 0.00	97.60 -0.92 0.00	96.00 -1.06 0.00	103.35 -0.95 0.00	112.42 2.52 0.00	92.76 2.17 -0.15	39.99 0.63 -2.91	55.55 1.16 -4.29	134.68 4.20 -0.42	130.38 4.75 0.00	104.78 3.15 -0.10	72.26 1.17 -0.01	55.73 0.28 -0.05	42.19 -0.05 -0.09	49.15 0.10 -0.36	37.35 0.36 -1.81	72.01 3.21 -4.40	172.14 10.88 0.00	164.79 10.27 0.00	123.42 7.12 -0.55	138.79 6.75 0.00	67.06 2.59 -1.84	69.56 0.96 -0.54	56.59 0.47 -0.96
GLENDALE_27_KV_LOAD 356172	100.85 6.61 0.00	104.66 6.14 0.00	102.95 5.89 0.00	110.52 6.22 0.00	115.70 5.81 0.00	99.28 5.98 -2.85	99.85 2.91 -60.49	151.49 4.23 -97.17	168.30 10.72 -27.52	144.43 10.70 -8.09	116.45 9.21 -5.72	78.53 6.47 -0.98	61.67 5.31 -0.96	59.14 4.32 -12.66	65.55 4.96 -11.90	77.82 3.44 -39.20	156.47 5.84 -86.23	175.25 13.98 0.00	173.31 13.31 -5.49	157.04 9.97 -31.33	149.04 10.72 -6.28	120.94 5.26 -53.05	98.34 5.45 -24.83	97.55 4.14 -38.25
GLENWOOD_IC_1_G5 23712	101.55 7.31 0.00	105.35 6.83 0.00	103.52 6.46 0.00	111.34 7.04 0.00	116.49 6.59 0.00	104.49 6.93 -7.11	99.83 2.91 -60.47	151.33 4.10 -97.13	155.97 9.97 -15.95	136.42 9.93 -0.85	112.96 9.00 -2.43	77.59 6.32 -0.20	61.45 5.09 -0.96	49.01 3.97 -2.88	60.74 4.64 -7.40	74.02 3.28 -35.56	155.55 5.76 -85.40	174.46 13.20 0.00	172.51 12.51 -5.48	157.13 10.06 -31.32	149.42 11.11 -6.27	142.20 5.68 -73.90	125.98 5.86 -52.07	97.64 4.24 -38.24
GLENWOOD_IC_2_G1 23688	101.28 7.04 0.00	105.09 6.57 0.00	103.25 6.19 0.00	111.06 6.76 0.00	116.17 6.28 0.00	104.23 6.67 -7.11	99.84 2.92 -60.47	151.31 4.08 -97.13	155.99 9.98 -15.96	136.43 9.93 -0.86	112.95 8.99 -2.43	77.60 6.33 -0.20	61.44 5.08 -0.96	49.03 3.98 -2.89	60.73 4.63 -7.41	74.01 3.27 -35.56	155.54 5.74 -85.40	174.70 13.43 0.00	172.69 12.69 -5.48	157.08 10.02 -31.32	149.31 11.00 -6.27	142.16 5.64 -73.90	126.02 5.89 -52.07	97.68 4.28 -38.24
GLENWOOD_IC_3_G1 23689	101.28 7.04 0.00	105.09 6.57 0.00	103.25 6.19 0.00	111.06 6.76 0.00	116.17 6.28 0.00	104.23 6.67 -7.11	99.84 2.92 -60.47	151.31 4.08 -97.13	155.99 9.98 -15.96	136.43 9.93 -0.86	112.95 8.99 -2.43	77.60 6.33 -0.20	61.44 5.08 -0.96	49.03 3.98 -2.89	60.73 4.63 -7.41	74.01 3.27 -35.56	155.54 5.74 -85.40	174.70 13.43 0.00	172.69 12.69 -5.48	157.08 10.02 -31.32	149.31 11.00 -6.27	142.16 5.64 -73.90	126.02 5.89 -52.07	97.68 4.28 -38.24
GLENWOOD___4 23550	101.55 7.31 0.00	105.35 6.83 0.00	103.52 6.46 0.00	111.34 7.04 0.00	116.49 6.59 0.00	104.50 6.94 -7.11	99.88 2.96 -60.47	151.38 4.15 -97.13	156.14 10.13 -15.95	136.59 10.10 -0.85	113.06 9.10 -2.43	77.69 6.42 -0.20	61.52 5.16 -0.96	49.06 4.03 -2.88	60.80 4.71 -7.40	74.06 3.32 -35.56	155.64 5.85 -85.40	174.78 13.51 0.00	172.79 12.79 -5.48	157.26 10.20 -31.32	149.57 11.25 -6.27	142.27 5.75 -73.90	126.06 5.93 -52.07	97.72 4.32 -38.24
GLENWOOD___5 23614	101.55 7.31 0.00	105.35 6.83 0.00	103.52 6.46 0.00	111.34 7.04 0.00	116.49 6.59 0.00	104.50 6.94 -7.11	99.88 2.96 -60.47	151.38 4.15 -97.13	156.14 10.13 -15.95	136.59 10.10 -0.85	113.06 9.10 -2.43	77.69 6.42 -0.20	61.52 5.16 -0.96	49.06 4.03 -2.88	60.80 4.71 -7.40	74.06 3.32 -35.56	155.64 5.85 -85.40	174.78 13.51 0.00	172.79 12.79 -5.48	157.26 10.20 -31.32	149.57 11.25 -6.27	142.27 5.75 -73.90	126.06 5.93 -52.07	97.72 4.32 -38.24
GLOBAL GREEN_PORT_GT1 23814	104.73 10.49 0.00	108.59 10.07 0.00	106.66 9.60 0.00	115.29 10.98 0.00	120.46 10.56 0.00	108.15 10.59 -7.11	101.52 4.60 -60.47	152.98 5.74 -97.13	159.37 13.38 -15.94	138.76 12.27 -0.85	115.22 11.27 -2.43	78.81 7.54 -0.20	62.18 5.82 -0.96	49.38 4.42 -2.80	61.23 5.17 -7.37	74.33 3.62 -35.53	156.71 6.93 -85.39	175.23 13.96 0.00	176.06 16.06 -5.48	161.03 13.97 -31.32	154.31 15.99 -6.27	144.75 8.23 -73.90	128.66 8.53 -52.07	99.23 5.83 -38.24
GLOBE___DSASP 323697	84.32 -9.92 0.00	87.98 -10.54 0.00	85.99 -10.15 0.91	93.28 -11.02 0.00	98.91 -10.99 0.00	82.23 -8.33 -0.12	40.89 -3.59 -8.02	51.74 -5.52 -7.16	103.97 -13.78 12.30	111.29 -14.34 0.00	91.70 -10.14 -0.31	64.24 -6.86 -0.02	49.71 -5.84 -0.15	37.56 -4.87 -0.28	43.90 -5.85 -1.06	35.95 -4.59 -5.35	66.14 -8.63 -10.38	128.29 -23.19 9.78	89.19 -22.53 42.79	48.07 -16.30 51.38	48.44 -19.23 64.37	27.75 -8.61 26.28	30.89 -7.55 29.61	29.62 -5.70 19.84
GOETHSLN___LBMP 323567	53.45 5.34 46.12	53.42 4.81 49.91	51.43 4.64 50.27	51.41 4.88 57.78	51.46 4.39 62.83	33.19 4.93 62.19	-209.58 2.41 248.44	-3.54 3.53 57.17	-1153.88 8.98 1292.91	-506.40 8.99 641.03	-12.24 7.77 121.53	9.53 5.46 67.01	-43.82 4.47 103.70	-2188.60 3.72 2234.47	-148.46 4.25 201.40	60.31 2.89 -22.24	137.21 4.89 -67.92	153.08 11.59 19.77	148.42 11.17 17.26	138.05 8.37 -13.92	125.13 8.98 15.89	105.61 4.43 -38.55	77.74 4.49 -5.19	87.93 3.36 -29.40
GOLAH___69_KV_TB 1_2 80279	89.97 -4.26 0.00	93.80 -4.72 0.00	91.92 -4.53 0.60	99.40 -4.90 0.00	105.24 -4.66 0.00	87.73 -2.86 -0.15	41.69 -1.07 -6.31	53.59 -1.80 -5.30	117.18 -4.18 8.70	120.67 -4.97 0.00	98.54 -3.24 -0.25	68.74 -2.35 -0.01	53.22 -2.31 -0.12	40.32 -2.06 -0.23	47.20 -2.35 -0.86	37.85 -1.68 -4.34	70.13 -3.08 -8.82	146.36 -8.58 6.32	124.49 -8.67 21.35	82.47 -6.38 26.89	90.30 -8.06 33.69	46.37 -3.69 12.56	46.11 -3.07 18.88	38.54 -2.36 14.27

GOODYEAR_LAKE_HYD 323669	96.91 2.67 0.00	101.22 2.70 0.00	99.65 2.59 0.00	107.10 2.80 0.00	112.74 2.85 0.00	94.06 2.74 -0.88	63.88 1.43 -25.99	102.70 2.04 -50.56	149.65 5.20 -14.40	130.55 4.91 0.00	106.39 4.23 -0.63	73.90 2.79 -0.03	57.71 2.01 -0.30	44.32 1.60 -0.56	52.83 1.99 -2.14	47.69 1.63 -10.88	94.18 3.40 -26.38	170.07 8.80 0.00	171.35 8.39 -8.44	156.97 6.04 -35.18	147.72 6.03 -9.65	103.10 2.69 -37.78	97.09 2.65 -26.38	98.62 1.90 -41.56
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	93.04 -1.19 0.00	97.14 -1.38 0.00	94.93 -1.60 0.53	102.61 -1.69 0.00	108.09 -1.80 0.00	90.25 -0.93 -0.73	55.23 -0.26 -19.03	77.10 -0.43 -27.44	125.44 -0.99 3.62	125.17 -0.47 0.00	102.37 0.18 -0.65	70.95 -0.16 -0.03	55.37 -0.34 -0.31	42.45 -0.29 -0.58	50.76 -0.14 -2.22	46.37 -0.05 -11.24	90.12 -0.03 -25.75	155.16 -0.46 5.65	138.04 -0.77 15.70	100.68 -0.75 14.31	103.30 -1.46 27.29	64.73 -0.63 -2.73	58.50 -0.58 8.98	53.52 -0.64 1.00
GOUDEY___7 23579	93.04 -1.19 0.00	97.14 -1.38 0.00	94.93 -1.60 0.53	102.61 -1.69 0.00	108.09 -1.80 0.00	90.25 -0.93 -0.73	55.23 -0.26 -19.03	77.10 -0.43 -27.44	125.44 -0.99 3.62	125.17 -0.47 0.00	102.37 0.18 -0.65	70.95 -0.16 -0.03	55.37 -0.34 -0.31	42.45 -0.29 -0.58	50.76 -0.14 -2.22	46.37 -0.05 -11.24	90.12 -0.03 -25.75	155.16 -0.46 5.65	138.04 -0.77 15.70	100.68 -0.75 14.31	103.30 -1.46 27.29	64.73 -0.63 -2.73	58.50 -0.58 8.98	53.52 -0.64 1.00
GOUDEY___8 23580	93.04 -1.19 0.00	97.14 -1.38 0.00	94.93 -1.60 0.53	102.61 -1.69 0.00	108.09 -1.80 0.00	90.25 -0.93 -0.73	55.23 -0.26 -19.03	77.10 -0.43 -27.44	125.44 -0.99 3.62	125.17 -0.47 0.00	102.37 0.18 -0.65	70.95 -0.16 -0.03	55.37 -0.34 -0.31	42.45 -0.29 -0.58	50.76 -0.14 -2.22	46.37 -0.05 -11.24	90.12 -0.03 -25.75	155.16 -0.46 5.65	138.04 -0.77 15.70	100.68 -0.75 14.31	103.30 -1.46 27.29	64.73 -0.63 -2.73	58.50 -0.58 8.98	53.52 -0.64 1.00
GOWANUS_GT1_1 24077	101.70 6.45 -1.01	104.47 5.95 0.00	102.76 5.71 0.00	110.30 6.00 0.00	115.45 5.56 0.00	114.36 5.74 -18.17	378.57 2.81 -339.30	241.96 3.99 -187.88	656.53 10.06 -516.42	678.17 10.04 -542.49	127.81 8.69 -17.60	127.43 6.13 -50.22	147.08 5.06 -86.61	1686.39 4.16 -1640.08	265.61 4.81 -212.11	83.01 3.32 -44.50	156.80 5.66 -86.74	174.80 13.54 0.00	172.91 12.91 -5.49	157.16 9.70 -31.72	148.76 10.45 -6.28	120.81 5.13 -53.05	98.16 5.27 -24.83	97.40 3.99 -38.25
GOWANUS_GT1_2 24078	101.70 6.45 -1.01	104.47 5.95 0.00	102.76 5.71 0.00	110.30 6.00 0.00	115.45 5.56 0.00	114.36 5.74 -18.17	378.57 2.81 -339.30	241.96 3.99 -187.88	656.53 10.06 -516.42	678.17 10.04 -542.49	127.81 8.69 -17.60	127.43 6.13 -50.22	147.08 5.06 -86.61	1686.39 4.16 -1640.08	265.61 4.81 -212.11	83.01 3.32 -44.50	156.80 5.66 -86.74	174.80 13.54 0.00	172.91 12.91 -5.49	157.16 9.70 -31.72	148.76 10.45 -6.28	120.81 5.13 -53.05	98.16 5.27 -24.83	97.40 3.99 -38.25
GOWANUS_GT1_3 24079	101.70 6.45 -1.01	104.47 5.95 0.00	102.76 5.71 0.00	110.30 6.00 0.00	115.45 5.56 0.00	114.36 5.74 -18.17	378.57 2.81 -339.30	241.96 3.99 -187.88	656.53 10.06 -516.42	678.17 10.04 -542.49	127.81 8.69 -17.60	127.43 6.13 -50.22	147.08 5.06 -86.61	1686.39 4.16 -1640.08	265.61 4.81 -212.11	83.01 3.32 -44.50	156.80 5.66 -86.74	174.80 13.54 0.00	172.91 12.91 -5.49	157.16 9.70 -31.72	148.76 10.45 -6.28	120.81 5.13 -53.05	98.16 5.27 -24.83	97.40 3.99 -38.25
GOWANUS_GT1_4 24080	101.70 6.45 -1.01	104.47 5.95 0.00	102.76 5.71 0.00	110.30 6.00 0.00	115.45 5.56 0.00	114.36 5.74 -18.17	378.57 2.81 -339.30	241.96 3.99 -187.88	656.53 10.06 -516.42	678.17 10.04 -542.49	127.81 8.69 -17.60	127.43 6.13 -50.22	147.08 5.06 -86.61	1686.39 4.16 -1640.08	265.61 4.81 -212.11	83.01 3.32 -44.50	156.80 5.66 -86.74	174.80 13.54 0.00	172.91 12.91 -5.49	157.16 9.70 -31.72	148.76 10.45 -6.28	120.81 5.13 -53.05	98.16 5.27 -24.83	97.40 3.99 -38.25
GOWANUS_GT1_5 24084	101.70 6.45 -1.01	104.47 5.95 0.00	102.76 5.71 0.00	110.30 6.00 0.00	115.45 5.56 0.00	114.36 5.74 -18.17	378.57 2.81 -339.30	241.96 3.99 -187.88	656.53 10.06 -516.42	678.17 10.04 -542.49	127.81 8.69 -17.60	127.43 6.13 -50.22	147.08 5.06 -86.61	1686.39 4.16 -1640.08	265.61 4.81 -212.11	83.01 3.32 -44.50	156.80 5.66 -86.74	174.80 13.54 0.00	172.91 12.91 -5.49	157.16 9.70 -31.72	148.76 10.45 -6.28	120.81 5.13 -53.05	98.16 5.27 -24.83	97.40 3.99 -38.25
GOWANUS_GT1_6 24111	101.70 6.45 -1.01	104.47 5.95 0.00	102.76 5.71 0.00	110.30 6.00 0.00	115.45 5.56 0.00	114.36 5.74 -18.17	378.57 2.81 -339.30	241.96 3.99 -187.88	656.53 10.06 -516.42	678.17 10.04 -542.49	127.81 8.69 -17.60	127.43 6.13 -50.22	147.08 5.06 -86.61	1686.39 4.16 -1640.08	265.61 4.81 -212.11	83.01 3.32 -44.50	156.80 5.66 -86.74	174.80 13.54 0.00	172.91 12.91 -5.49	157.16 9.70 -31.72	148.76 10.45 -6.28	120.81 5.13 -53.05	98.16 5.27 -24.83	97.40 3.99 -38.25
GOWANUS_GT1_7 24112	101.70 6.45 -1.01	104.47 5.95 0.00	102.76 5.71 0.00	110.30 6.00 0.00	115.45 5.56 0.00	114.36 5.74 -18.17	378.57 2.81 -339.30	241.96 3.99 -187.88	656.53 10.06 -516.42	678.17 10.04 -542.49	127.81 8.69 -17.60	127.43 6.13 -50.22	147.08 5.06 -86.61	1686.39 4.16 -1640.08	265.61 4.81 -212.11	83.01 3.32 -44.50	156.80 5.66 -86.74	174.80 13.54 0.00	172.91 12.91 -5.49	157.16 9.70 -31.72	148.76 10.45 -6.28	120.81 5.13 -53.05	98.16 5.27 -24.83	97.40 3.99 -38.25
GOWANUS_GT1_8 24113	101.70 6.45 -1.01	104.47 5.95 0.00	102.76 5.71 0.00	110.30 6.00 0.00	115.45 5.56 0.00	114.36 5.74 -18.17	378.57 2.81 -339.30	241.96 3.99 -187.88	656.53 10.06 -516.42	678.17 10.04 -542.49	127.81 8.69 -17.60	127.43 6.13 -50.22	147.08 5.06 -86.61	1686.39 4.16 -1640.08	265.61 4.81 -212.11	83.01 3.32 -44.50	156.80 5.66 -86.74	174.80 13.54 0.00	172.91 12.91 -5.49	157.16 9.70 -31.72	148.76 10.45 -6.28	120.81 5.13 -53.05	98.16 5.27 -24.83	97.40 3.99 -38.25
GOWANUS_GT2_1 24114	101.70 6.45 -1.01	104.47 5.95 0.00	102.76 5.70 0.00	110.30 6.00 0.00	115.46 5.57 0.00	114.37 5.75 -18.17	378.57 2.81 -339.30	241.96 3.98 -187.88	681.86 10.08 -541.72	694.03 10.08 -558.31	135.00 8.69 -24.79	129.14 6.12 -51.94	147.08 5.06 -86.61	1708.93 4.17 -1662.59	275.36 4.82 -221.85	91.07 3.32 -52.56	158.65 5.66 -88.59	174.77 13.51 0.00	172.94 12.94 -5.49	157.19 9.72 -31.72	148.77 10.45 -6.28	120.79 5.12 -53.05	98.20 5.32 -24.83	97.41 4.00 -38.25
GOWANUS_GT2_2 24115	101.70 6.45 -1.01	104.47 5.95 0.00	102.76 5.70 0.00	110.30 6.00 0.00	115.46 5.57 0.00	114.37 5.75 -18.17	378.57 2.81 -339.30	241.96 3.98 -187.88	681.86 10.08 -541.72	694.03 10.08 -558.31	135.00 8.69 -24.79	129.14 6.12 -51.94	147.08 5.06 -86.61	1708.93 4.17 -1662.59	275.36 4.82 -221.85	91.07 3.32 -52.56	158.65 5.66 -88.59	174.77 13.51 0.00	172.94 12.94 -5.49	157.19 9.72 -31.72	148.77 10.45 -6.28	120.79 5.12 -53.05	98.20 5.32 -24.83	97.41 4.00 -38.25
GOWANUS_GT2_3 24116	101.70 6.45 -1.01	104.47 5.95 0.00	102.76 5.70 0.00	110.30 6.00 0.00	115.46 5.57 0.00	114.37 5.75 -18.17	378.57 2.81 -339.30	241.96 3.98 -187.88	681.86 10.08 -541.72	694.03 10.08 -558.31	135.00 8.69 -24.79	129.14 6.12 -51.94	147.08 5.06 -86.61	1708.93 4.17 -1662.59	275.36 4.82 -221.85	91.07 3.32 -52.56	158.65 5.66 -88.59	174.77 13.51 0.00	172.94 12.94 -5.49	157.19 9.72 -31.72	148.77 10.45 -6.28	120.79 5.12 -53.05	98.20 5.32 -24.83	97.41 4.00 -38.25

GOWANUS_GT2_4 24117	101.70 6.45 -1.01	104.47 5.95 0.00	102.76 5.70 0.00	110.30 6.00 0.00	115.46 5.57 0.00	114.37 5.75 -18.17	378.57 2.81 -339.30	241.96 3.98 -187.88	681.86 10.08 -541.72	694.03 10.08 -558.31	135.00 8.69 -24.79	129.14 6.12 -51.94	147.08 5.06 -86.61	1708.93 4.17 -1662.59	275.36 4.82 -221.85	91.07 3.32 -52.56	158.65 5.66 -88.59	174.77 13.51 0.00	172.94 12.94 -5.49	157.19 9.72 -31.72	148.77 10.45 -6.28	120.79 5.12 -53.05	98.20 5.32 -24.83	97.41 4.00 -38.25
GOWANUS_GT2_5 24118	101.70 6.45 -1.01	104.47 5.95 0.00	102.76 5.70 0.00	110.30 6.00 0.00	115.46 5.57 0.00	114.37 5.75 -18.17	378.57 2.81 -339.30	241.96 3.98 -187.88	681.86 10.08 -541.72	694.03 10.08 -558.31	135.00 8.69 -24.79	129.14 6.12 -51.94	147.08 5.06 -86.61	1708.93 4.17 -1662.59	275.36 4.82 -221.85	91.07 3.32 -52.56	158.65 5.66 -88.59	174.77 13.51 0.00	172.94 12.94 -5.49	157.19 9.72 -31.72	148.77 10.45 -6.28	120.79 5.12 -53.05	98.20 5.32 -24.83	97.41 4.00 -38.25
GOWANUS_GT2_6 24119	101.70 6.45 -1.01	104.47 5.95 0.00	102.76 5.70 0.00	110.30 6.00 0.00	115.46 5.57 0.00	114.37 5.75 -18.17	378.57 2.81 -339.30	241.96 3.98 -187.88	681.86 10.08 -541.72	694.03 10.08 -558.31	135.00 8.69 -24.79	129.14 6.12 -51.94	147.08 5.06 -86.61	1708.93 4.17 -1662.59	275.36 4.82 -221.85	91.07 3.32 -52.56	158.65 5.66 -88.59	174.77 13.51 0.00	172.94 12.94 -5.49	157.19 9.72 -31.72	148.77 10.45 -6.28	120.79 5.12 -53.05	98.20 5.32 -24.83	97.41 4.00 -38.25
GOWANUS_GT2_7 24120	101.70 6.45 -1.01	104.47 5.95 0.00	102.76 5.70 0.00	110.30 6.00 0.00	115.46 5.57 0.00	114.37 5.75 -18.17	378.57 2.81 -339.30	241.96 3.98 -187.88	681.86 10.08 -541.72	694.03 10.08 -558.31	135.00 8.69 -24.79	129.14 6.12 -51.94	147.08 5.06 -86.61	1708.93 4.17 -1662.59	275.36 4.82 -221.85	91.07 3.32 -52.56	158.65 5.66 -88.59	174.77 13.51 0.00	172.94 12.94 -5.49	157.19 9.72 -31.72	148.77 10.45 -6.28	120.79 5.12 -53.05	98.20 5.32 -24.83	97.41 4.00 -38.25
GOWANUS_GT2_8 24121	101.70 6.45 -1.01	104.47 5.95 0.00	102.76 5.70 0.00	110.30 6.00 0.00	115.46 5.57 0.00	114.37 5.75 -18.17	378.57 2.81 -339.30	241.96 3.98 -187.88	681.86 10.08 -541.72	694.03 10.08 -558.31	135.00 8.69 -24.79	129.14 6.12 -51.94	147.08 5.06 -86.61	1708.93 4.17 -1662.59	275.36 4.82 -221.85	91.07 3.32 -52.56	158.65 5.66 -88.59	174.77 13.51 0.00	172.94 12.94 -5.49	157.19 9.72 -31.72	148.77 10.45 -6.28	120.79 5.12 -53.05	98.20 5.32 -24.83	97.41 4.00 -38.25
GOWANUS_GT3_1 24122	101.70 6.45 -1.01	104.47 5.95 0.00	102.76 5.70 0.00	110.30 6.00 0.00	115.46 5.57 0.00	114.37 5.75 -18.17	378.57 2.81 -339.30	241.96 3.98 -187.88	656.56 10.08 -516.42	678.21 10.08 -542.49	127.82 8.69 -17.60	127.42 6.12 -50.22	147.08 5.06 -86.61	1686.41 4.17 -1640.08	265.62 4.82 -212.11	83.01 3.32 -44.50	156.80 5.66 -86.74	174.77 13.51 0.00	172.94 12.94 -5.49	157.19 9.72 -31.72	148.77 10.45 -6.28	120.79 5.12 -53.05	98.20 5.32 -24.83	97.41 4.00 -38.25
GOWANUS_GT3_2 24123	101.70 6.45 -1.01	104.47 5.95 0.00	102.76 5.70 0.00	110.30 6.00 0.00	115.46 5.57 0.00	114.37 5.75 -18.17	378.57 2.81 -339.30	241.96 3.98 -187.88	656.56 10.08 -516.42	678.21 10.08 -542.49	127.82 8.69 -17.60	127.42 6.12 -50.22	147.08 5.06 -86.61	1686.41 4.17 -1640.08	265.62 4.82 -212.11	83.01 3.32 -44.50	156.80 5.66 -86.74	174.77 13.51 0.00	172.94 12.94 -5.49	157.19 9.72 -31.72	148.77 10.45 -6.28	120.79 5.12 -53.05	98.20 5.32 -24.83	97.41 4.00 -38.25
GOWANUS_GT3_3 24124	101.70 6.45 -1.01	104.47 5.95 0.00	102.76 5.70 0.00	110.30 6.00 0.00	115.46 5.57 0.00	114.37 5.75 -18.17	378.57 2.81 -339.30	241.96 3.98 -187.88	656.56 10.08 -516.42	678.21 10.08 -542.49	127.82 8.69 -17.60	127.42 6.12 -50.22	147.08 5.06 -86.61	1686.41 4.17 -1640.08	265.62 4.82 -212.11	83.01 3.32 -44.50	156.80 5.66 -86.74	174.77 13.51 0.00	172.94 12.94 -5.49	157.19 9.72 -31.72	148.77 10.45 -6.28	120.79 5.12 -53.05	98.20 5.32 -24.83	97.41 4.00 -38.25
GOWANUS_GT3_4 24125	101.70 6.45 -1.01	104.47 5.95 0.00	102.76 5.70 0.00	110.30 6.00 0.00	115.46 5.57 0.00	114.37 5.75 -18.17	378.57 2.81 -339.30	241.96 3.98 -187.88	656.56 10.08 -516.42	678.21 10.08 -542.49	127.82 8.69 -17.60	127.42 6.12 -50.22	147.08 5.06 -86.61	1686.41 4.17 -1640.08	265.62 4.82 -212.11	83.01 3.32 -44.50	156.80 5.66 -86.74	174.77 13.51 0.00	172.94 12.94 -5.49	157.19 9.72 -31.72	148.77 10.45 -6.28	120.79 5.12 -53.05	98.20 5.32 -24.83	97.41 4.00 -38.25
GOWANUS_GT3_5 24126	101.70 6.45 -1.01	104.47 5.95 0.00	102.76 5.70 0.00	110.30 6.00 0.00	115.46 5.57 0.00	114.37 5.75 -18.17	378.57 2.81 -339.30	241.96 3.98 -187.88	656.56 10.08 -516.42	678.21 10.08 -542.49	127.82 8.69 -17.60	127.42 6.12 -50.22	147.08 5.06 -86.61	1686.41 4.17 -1640.08	265.62 4.82 -212.11	83.01 3.32 -44.50	156.80 5.66 -86.74	174.77 13.51 0.00	172.94 12.94 -5.49	157.19 9.72 -31.72	148.77 10.45 -6.28	120.79 5.12 -53.05	98.20 5.32 -24.83	97.41 4.00 -38.25
GOWANUS_GT3_6 24127	101.70 6.45 -1.01	104.47 5.95 0.00	102.76 5.70 0.00	110.30 6.00 0.00	115.46 5.57 0.00	114.37 5.75 -18.17	378.57 2.81 -339.30	241.96 3.98 -187.88	656.56 10.08 -516.42	678.21 10.08 -542.49	127.82 8.69 -17.60	127.42 6.12 -50.22	147.08 5.06 -86.61	1686.41 4.17 -1640.08	265.62 4.82 -212.11	83.01 3.32 -44.50	156.80 5.66 -86.74	174.77 13.51 0.00	172.94 12.94 -5.49	157.19 9.72 -31.72	148.77 10.45 -6.28	120.79 5.12 -53.05	98.20 5.32 -24.83	97.41 4.00 -38.25
GOWANUS_GT3_7 24128	101.70 6.45 -1.01	104.47 5.95 0.00	102.76 5.70 0.00	110.30 6.00 0.00	115.46 5.57 0.00	114.37 5.75 -18.17	378.57 2.81 -339.30	241.96 3.98 -187.88	656.56 10.08 -516.42	678.21 10.08 -542.49	127.82 8.69 -17.60	127.42 6.12 -50.22	147.08 5.06 -86.61	1686.41 4.17 -1640.08	265.62 4.82 -212.11	83.01 3.32 -44.50	156.80 5.66 -86.74	174.77 13.51 0.00	172.94 12.94 -5.49	157.19 9.72 -31.72	148.77 10.45 -6.28	120.79 5.12 -53.05	98.20 5.32 -24.83	97.41 4.00 -38.25
GOWANUS_GT3_8 24129	101.70 6.45 -1.01	104.47 5.95 0.00	102.76 5.70 0.00	110.30 6.00 0.00	115.46 5.57 0.00	114.37 5.75 -18.17	378.57 2.81 -339.30	241.96 3.98 -187.88	656.56 10.08 -516.42	678.21 10.08 -542.49	127.82 8.69 -17.60	127.42 6.12 -50.22	147.08 5.06 -86.61	1686.41 4.17 -1640.08	265.62 4.82 -212.11	83.01 3.32 -44.50	156.80 5.66 -86.74	174.77 13.51 0.00	172.94 12.94 -5.49	157.19 9.72 -31.72	148.77 10.45 -6.28	120.79 5.12 -53.05	98.20 5.32 -24.83	97.41 4.00 -38.25
GOWANUS_GT4_1 24130	101.70 6.45 -1.01	104.47 5.95 0.00	102.76 5.71 0.00	110.30 6.00 0.00	115.45 5.56 0.00	114.36 5.74 -18.17	378.57 2.81 -339.30	241.97 3.99 -187.88	681.83 10.06 -541.72	693.99 10.04 -558.31	135.00 8.69 -24.79	129.15 6.13 -51.94	147.08 5.06 -86.61	1708.91 4.16 -1662.59	275.35 4.81 -221.85	91.07 3.32 -52.56	158.65 5.66 -88.59	174.80 13.54 0.00	172.91 12.91 -5.49	157.16 9.70 -31.72	148.76 10.45 -6.28	120.81 5.13 -53.05	98.16 5.27 -24.83	97.40 3.99 -38.25
GOWANUS_GT4_2 24131	101.70 6.45 -1.01	104.47 5.95 0.00	102.76 5.71 0.00	110.30 6.00 0.00	115.45 5.56 0.00	114.36 5.74 -18.17	378.57 2.81 -339.30	241.97 3.99 -187.88	681.83 10.06 -541.72	693.99 10.04 -558.31	135.00 8.69 -24.79	129.15 6.13 -51.94	147.08 5.06 -86.61	1708.91 4.16 -1662.59	275.35 4.81 -221.85	91.07 3.32 -52.56	158.65 5.66 -88.59	174.80 13.54 0.00	172.91 12.91 -5.49	157.16 9.70 -31.72	148.76 10.45 -6.28	120.81 5.13 -53.05	98.16 5.27 -24.83	97.40 3.99 -38.25

GOWANUS_GT4_3 24132	101.70 6.45 -1.01	104.47 5.95 0.00	102.76 5.71 0.00	110.30 6.00 0.00	115.45 5.56 0.00	114.36 5.74 -18.17	378.57 2.81 -339.30	241.97 3.99 -187.88	681.83 10.06 -541.72	693.99 10.04 -558.31	135.00 8.69 -24.79	129.15 6.13 -51.94	147.08 5.06 -86.61	1708.91 4.16 -1662.59	275.35 4.81 -221.85	91.07 3.32 -52.56	158.65 5.66 -88.59	174.80 13.54 0.00	172.91 12.91 -5.49	157.16 9.70 -31.72	148.76 10.45 -6.28	120.81 5.13 -53.05	98.16 5.27 -24.83	97.40 3.99 -38.25
GOWANUS_GT4_4 24133	101.70 6.45 -1.01	104.47 5.95 0.00	102.76 5.71 0.00	110.30 6.00 0.00	115.45 5.56 0.00	114.36 5.74 -18.17	378.57 2.81 -339.30	241.97 3.99 -187.88	681.83 10.06 -541.72	693.99 10.04 -558.31	135.00 8.69 -24.79	129.15 6.13 -51.94	147.08 5.06 -86.61	1708.91 4.16 -1662.59	275.35 4.81 -221.85	91.07 3.32 -52.56	158.65 5.66 -88.59	174.80 13.54 0.00	172.91 12.91 -5.49	157.16 9.70 -31.72	148.76 10.45 -6.28	120.81 5.13 -53.05	98.16 5.27 -24.83	97.40 3.99 -38.25
GOWANUS_GT4_5 24134	101.70 6.45 -1.01	104.47 5.95 0.00	102.76 5.71 0.00	110.30 6.00 0.00	115.45 5.56 0.00	114.36 5.74 -18.17	378.57 2.81 -339.30	241.97 3.99 -187.88	681.83 10.06 -541.72	693.99 10.04 -558.31	135.00 8.69 -24.79	129.15 6.13 -51.94	147.08 5.06 -86.61	1708.91 4.16 -1662.59	275.35 4.81 -221.85	91.07 3.32 -52.56	158.65 5.66 -88.59	174.80 13.54 0.00	172.91 12.91 -5.49	157.16 9.70 -31.72	148.76 10.45 -6.28	120.81 5.13 -53.05	98.16 5.27 -24.83	97.40 3.99 -38.25
GOWANUS_GT4_6 24135	101.70 6.45 -1.01	104.47 5.95 0.00	102.76 5.71 0.00	110.30 6.00 0.00	115.45 5.56 0.00	114.36 5.74 -18.17	378.57 2.81 -339.30	241.97 3.99 -187.88	681.83 10.06 -541.72	693.99 10.04 -558.31	135.00 8.69 -24.79	129.15 6.13 -51.94	147.08 5.06 -86.61	1708.91 4.16 -1662.59	275.35 4.81 -221.85	91.07 3.32 -52.56	158.65 5.66 -88.59	174.80 13.54 0.00	172.91 12.91 -5.49	157.16 9.70 -31.72	148.76 10.45 -6.28	120.81 5.13 -53.05	98.16 5.27 -24.83	97.40 3.99 -38.25
GOWANUS_GT4_7 24136	101.70 6.45 -1.01	104.47 5.95 0.00	102.76 5.71 0.00	110.30 6.00 0.00	115.45 5.56 0.00	114.36 5.74 -18.17	378.57 2.81 -339.30	241.97 3.99 -187.88	681.83 10.06 -541.72	693.99 10.04 -558.31	135.00 8.69 -24.79	129.15 6.13 -51.94	147.08 5.06 -86.61	1708.91 4.16 -1662.59	275.35 4.81 -221.85	91.07 3.32 -52.56	158.65 5.66 -88.59	174.80 13.54 0.00	172.91 12.91 -5.49	157.16 9.70 -31.72	148.76 10.45 -6.28	120.81 5.13 -53.05	98.16 5.27 -24.83	97.40 3.99 -38.25
GOWANUS_GT4_8 24137	101.70 6.45 -1.01	104.47 5.95 0.00	102.76 5.71 0.00	110.30 6.00 0.00	115.45 5.56 0.00	114.36 5.74 -18.17	378.57 2.81 -339.30	241.97 3.99 -187.88	681.83 10.06 -541.72	693.99 10.04 -558.31	135.00 8.69 -24.79	129.15 6.13 -51.94	147.08 5.06 -86.61	1708.91 4.16 -1662.59	275.35 4.81 -221.85	91.07 3.32 -52.56	158.65 5.66 -88.59	174.80 13.54 0.00	172.91 12.91 -5.49	157.16 9.70 -31.72	148.76 10.45 -6.28	120.81 5.13 -53.05	98.16 5.27 -24.83	97.40 3.99 -38.25
GREENBSH_115KV_TB3 55895	97.26 3.03 0.00	101.41 2.89 0.00	99.90 2.84 0.00	107.33 3.03 0.00	112.77 2.88 0.00	96.80 2.88 -3.47	120.02 1.28 -82.29	192.71 1.68 -140.93	163.05 4.24 -28.75	129.91 4.27 0.00	107.75 3.73 -2.49	73.72 2.51 -0.13	58.64 2.06 -1.17	45.82 1.44 -2.23	58.67 1.52 -8.46	79.12 1.02 -42.91	170.18 1.70 -104.08	165.02 3.76 0.00	171.75 3.72 -13.52	182.66 2.90 -64.01	150.65 3.15 -15.46	150.63 1.66 -86.34	119.80 2.02 -49.72	136.51 1.96 -79.38
GREENIDGE_115KV_TB5 80291	91.19 -3.04 0.00	94.78 -3.74 0.00	89.99 -4.08 2.99	99.51 -4.79 0.00	105.32 -4.58 0.00	87.45 -2.53 0.47	44.44 -0.65 -8.64	43.11 -1.14 5.85	80.76 -2.97 46.32	122.01 -3.63 0.00	100.10 -1.83 -0.40	70.05 -1.05 -0.02	54.37 -1.22 -0.19	41.51 -1.00 -0.36	48.69 -1.36 -1.36	41.38 -0.70 -6.89	71.37 -1.19 -8.16	124.59 -4.68 31.99	57.43 -4.29 92.80	-2.05 -3.12 114.68	-16.83 -3.52 145.36	1.31 -1.71 59.61	-23.32 -1.51 89.88	-19.58 -1.46 73.28
GREENIDGE___3 23582	91.19 -3.04 0.00	94.78 -3.74 0.00	89.99 -4.08 2.99	99.51 -4.79 0.00	105.32 -4.58 0.00	87.45 -2.53 0.47	44.44 -0.65 -8.64	43.11 -1.14 5.85	80.76 -2.97 46.32	122.01 -3.63 0.00	100.10 -1.83 -0.40	70.05 -1.05 -0.02	54.37 -1.22 -0.19	41.51 -1.00 -0.36	48.69 -1.36 -1.36	41.38 -0.70 -6.89	71.37 -1.19 -8.16	124.59 -4.68 31.99	57.43 -4.29 92.80	-2.05 -3.12 114.68	-16.83 -3.52 145.36	1.31 -1.71 59.61	-23.32 -1.51 89.88	-19.58 -1.46 73.28
GREENIDGE___4 23583	91.19 -3.04 0.00	94.77 -3.75 0.00	89.98 -4.09 2.99	99.52 -4.78 0.00	105.32 -4.57 0.00	87.44 -2.54 0.47	44.44 -0.65 -8.64	43.09 -1.16 5.85	80.68 -3.05 46.32	122.01 -3.63 0.00	100.11 -1.81 -0.40	70.05 -1.05 -0.02	54.37 -1.22 -0.19	41.51 -1.00 -0.36	48.69 -1.37 -1.36	41.38 -0.70 -6.89	71.32 -1.24 -8.16	124.51 -4.76 31.99	57.35 -4.37 92.80	-2.25 -3.32 114.68	-16.90 -3.59 145.36	1.31 -1.72 59.61	-23.56 -1.74 89.88	-19.70 -1.58 73.28
GREENLWN_69_KV_BK 3 55738	101.36 7.12 0.00	105.24 6.72 0.00	103.40 6.35 0.00	111.21 6.91 0.00	116.22 6.33 0.00	104.31 6.75 -7.11	99.88 2.96 -60.47	151.29 4.06 -97.13	155.69 9.69 -15.94	136.17 9.69 -0.85	112.90 8.95 -2.43	77.59 6.31 -0.20	61.38 5.02 -0.96	48.87 3.89 -2.83	60.63 4.56 -7.38	73.93 3.21 -35.54	155.57 5.78 -85.39	174.79 13.52 0.00	172.81 12.81 -5.48	157.08 10.01 -31.32	149.33 11.02 -6.27	142.35 5.82 -73.90	126.22 6.09 -52.07	97.82 4.42 -38.24
GREENWD_138_KV_38B11_REV_LBMP_J 345004	101.70 6.45 -1.01	104.47 5.95 0.00	102.76 5.71 0.00	110.30 6.00 0.00	115.45 5.56 0.00	114.36 5.74 -18.17	378.57 2.81 -339.30	241.96 3.99 -187.88	656.53 10.06 -516.42	678.17 10.04 -542.49	127.81 8.69 -17.60	127.43 6.13 -50.22	147.08 5.06 -86.61	1686.39 4.16 -1640.08	265.61 4.81 -212.11	83.01 3.32 -44.50	156.80 5.66 -86.74	174.80 13.54 0.00	172.91 12.91 -5.49	157.16 9.70 -31.72	148.76 10.45 -6.28	120.81 5.13 -53.05	98.16 5.27 -24.83	97.40 3.99 -38.25
GRISSOM___SOLAR 323813	99.40 5.17 0.00	103.79 5.27 0.00	102.24 5.18 0.00	109.95 5.65 0.00	115.93 6.04 0.00	99.62 5.32 -3.85	141.48 2.50 -102.52	239.30 3.61 -185.59	185.06 8.71 -46.29	130.67 5.03 0.00	107.12 2.83 -2.76	72.98 1.76 -0.14	57.74 1.04 -1.30	45.33 0.70 -2.47	58.99 0.92 -9.37	83.93 1.20 -47.54	184.00 4.30 -115.30	174.27 13.01 0.00	190.96 12.69 -23.76	229.33 9.45 -104.14	169.43 10.21 -27.18	190.75 4.61 -123.51	153.15 4.80 -80.28	189.79 3.62 -131.01
GROVEVILLE___HYD 323602	100.77 6.53 0.00	104.69 6.17 0.00	102.97 5.91 0.00	110.60 6.30 0.00	115.97 6.08 0.00	99.44 6.14 -2.86	100.14 2.91 -60.78	151.99 4.19 -97.71	155.36 10.57 -14.73	135.89 10.25 0.00	112.29 8.71 -2.05	77.16 5.97 -0.11	61.15 4.78 -0.96	47.69 3.70 -1.83	60.01 4.35 -6.96	73.71 3.21 -35.32	155.84 5.78 -85.67	175.24 13.97 0.00	173.57 13.50 -5.56	157.57 10.17 -31.65	149.47 11.07 -6.36	121.41 5.37 -53.42	98.68 5.55 -25.07	97.97 4.16 -38.64
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	92.62 -1.62 0.00	96.70 -1.82 0.00	95.21 -1.85 0.00	102.31 -1.99 0.00	107.92 -1.97 0.00	89.56 -1.18 -0.29	41.92 -0.26 -5.73	58.13 -0.42 -8.45	129.81 -1.07 -0.83	124.44 -1.19 0.00	100.96 -0.77 -0.21	70.34 -0.74 -0.01	54.81 -0.69 -0.10	41.82 -0.52 -0.18	48.82 -0.57 -0.70	38.50 -0.26 -3.57	72.63 -0.42 -8.66	159.88 -1.38 0.00	153.12 -1.40 0.00	115.79 -1.03 -1.07	130.51 -1.53 0.00	65.49 -0.75 -3.62	68.28 -0.84 -1.06	56.28 -0.76 -1.88

HAMLTNNY_34_KV_TB 80303	92.71 -1.53 0.00	96.78 -1.74 0.00	95.27 -1.79 0.00	102.36 -1.95 0.00	108.00 -1.89 0.00	89.65 -1.10 -0.31	42.34 -0.21 -6.10	58.77 -0.33 -9.00	130.08 -0.86 -0.88	124.60 -1.04 0.00	101.16 -0.59 -0.22	70.47 -0.61 -0.01	54.86 -0.65 -0.10	41.86 -0.49 -0.20	48.91 -0.53 -0.75	38.74 -0.25 -3.80	73.26 -0.36 -9.22	159.91 -1.36 0.00	153.11 -1.41 0.00	115.92 -0.97 -1.14	130.53 -1.51 0.00	65.75 -0.73 -3.85	68.41 -0.78 -1.13	56.46 -0.71 -2.00
HAMPSHIRE___PAPER_HYD 323593	93.43 -0.80 0.00	97.85 -0.67 0.00	96.43 -0.63 0.00	103.87 -0.43 0.00	111.15 1.25 0.00	90.45 -0.07 -0.07	37.44 -0.45 -1.44	51.74 -0.48 -2.13	129.89 -0.37 -0.21	126.44 0.80 0.00	102.10 0.52 -0.05	71.06 -0.02 0.00	55.08 -0.35 -0.02	41.76 -0.44 -0.05	48.19 -0.68 -0.18	35.51 -0.57 -0.90	66.90 0.32 -2.18	163.86 2.59 0.00	156.96 2.44 0.00	117.46 1.45 -0.27	133.16 1.12 0.00	63.77 0.24 -0.91	68.07 -0.26 -0.27	55.54 -0.09 -0.47
HARDSCRABBLE_WT_PWR 323673	95.56 1.32 0.00	99.89 1.37 0.00	98.34 1.28 0.00	105.74 1.44 0.00	110.67 0.78 0.00	91.81 1.36 0.00	38.01 1.56 0.00	52.26 2.16 0.00	135.44 5.39 0.00	128.67 3.04 0.00	103.47 1.95 0.00	71.91 0.83 0.00	55.96 0.56 0.00	42.46 0.30 0.00	49.67 0.98 0.00	36.16 0.97 0.00	67.88 3.48 0.00	171.93 10.67 0.00	165.45 10.93 0.00	123.96 8.21 0.00	140.50 8.46 0.00	66.38 3.75 0.00	71.66 3.60 0.00	57.79 2.63 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	99.53 5.29 0.00	103.46 4.94 0.00	101.74 4.68 0.00	109.30 5.00 0.00	114.56 4.67 0.00	98.07 4.94 -2.68	95.74 2.45 -56.84	144.93 3.53 -91.30	152.67 8.91 -13.70	134.37 8.74 0.00	110.94 7.50 -1.92	76.31 5.13 -0.10	60.44 4.14 -0.90	47.12 3.25 -1.72	59.02 3.81 -6.52	71.04 2.78 -33.07	149.55 4.94 -80.22	173.21 11.94 0.00	171.14 11.48 -5.15	153.83 8.66 -29.42	147.27 9.34 -5.89	117.01 4.55 -49.84	96.05 4.68 -23.31	94.55 3.48 -35.91
HARSNRAD_115KV_TB1 81005	84.88 -9.36 0.00	88.50 -10.02 0.00	86.46 -9.70 0.89	93.78 -10.52 0.00	99.44 -10.45 0.00	83.13 -7.44 -0.12	41.04 -3.30 -7.89	51.96 -5.04 -6.90	105.21 -12.49 12.35	112.47 -13.16 0.00	92.61 -9.22 -0.31	64.81 -6.29 -0.02	50.10 -5.45 -0.14	37.87 -4.56 -0.27	44.27 -5.46 -1.04	36.20 -4.25 -5.26	66.28 -7.99 -9.88	125.64 -21.61 14.02	59.33 -21.27 73.92	24.07 -15.74 75.94	26.13 -18.50 87.41	18.64 -8.44 35.55	29.23 -7.12 31.71	30.38 -5.39 19.40
HARZA MOOSE___RIVER 24016	94.29 0.05 0.00	98.47 -0.05 0.00	96.98 -0.08 0.00	104.37 0.07 0.00	112.01 2.12 0.00	92.40 1.86 -0.09	38.86 0.59 -1.82	53.71 0.93 -2.68	133.61 3.30 -0.26	129.74 4.11 0.00	105.03 3.44 -0.07	72.90 1.82 0.00	56.45 1.01 -0.03	42.85 0.63 -0.06	49.61 0.69 -0.22	36.95 0.63 -1.13	69.60 2.46 -2.75	168.91 7.64 0.00	161.78 7.27 0.00	121.08 4.99 -0.34	136.77 4.72 0.00	65.67 1.90 -1.15	69.47 1.07 -0.34	56.45 0.69 -0.60
HDSNBRDG_115KV_BRDG_TB1 355580	91.91 -2.33 0.00	95.94 -2.58 0.00	94.46 -2.60 0.00	101.50 -2.81 0.00	107.04 -2.85 0.00	88.86 -1.85 -0.26	41.10 -0.54 -5.18	56.93 -0.81 -7.64	128.76 -2.05 -0.75	123.57 -2.07 0.00	100.26 -1.45 -0.19	69.89 -1.20 -0.01	54.44 -1.06 -0.09	41.53 -0.79 -0.17	48.42 -0.91 -0.64	37.90 -0.51 -3.23	71.28 -0.95 -7.83	158.62 -2.65 0.00	151.84 -2.67 0.00	114.68 -2.04 -0.97	129.34 -2.70 0.00	64.61 -1.28 -3.27	67.65 -1.37 -0.96	55.69 -1.18 -1.70
HELLGATE_13_KV_LD 55870	100.37 6.14 0.00	104.18 5.66 0.00	102.52 5.46 0.00	110.02 5.72 0.00	115.22 5.33 0.00	98.84 5.55 -2.85	99.67 2.72 -60.49	151.21 3.94 -97.17	164.18 9.99 -24.13	141.57 9.97 -5.97	114.91 8.63 -4.75	77.91 6.08 -0.75	61.38 5.01 -0.96	56.07 4.09 -9.82	63.97 4.68 -10.59	76.56 3.22 -38.15	155.83 5.43 -86.00	174.21 12.94 0.00	172.33 12.32 -5.49	156.34 9.26 -31.33	148.25 9.93 -6.28	120.57 4.90 -53.05	97.96 5.07 -24.83	97.28 3.86 -38.25
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	100.37 6.14 0.00	104.18 5.66 0.00	102.52 5.46 0.00	110.02 5.72 0.00	115.22 5.33 0.00	98.84 5.55 -2.85	99.67 2.72 -60.49	151.21 3.94 -97.17	164.18 9.99 -24.13	141.57 9.97 -5.97	114.91 8.63 -4.75	77.91 6.08 -0.75	61.38 5.01 -0.96	56.07 4.09 -9.82	63.97 4.68 -10.59	76.56 3.22 -38.15	155.83 5.43 -86.00	174.21 12.94 0.00	172.33 12.32 -5.49	156.34 9.26 -31.33	148.25 9.93 -6.28	120.57 4.90 -53.05	97.96 5.07 -24.83	97.28 3.86 -38.25
HEMPSTEAD____ 23647	101.18 6.95 0.00	104.99 6.47 0.00	103.16 6.10 0.00	110.98 6.68 0.00	116.06 6.17 0.00	104.23 6.67 -7.11	99.79 2.87 -60.47	151.24 4.01 -97.13	155.73 9.73 -15.95	136.15 9.66 -0.85	112.72 8.76 -2.43	77.47 6.19 -0.20	61.37 5.01 -0.96	48.93 3.90 -2.87	60.65 4.56 -7.40	73.94 3.20 -35.55	155.42 5.63 -85.40	174.44 13.17 0.00	172.49 12.49 -5.48	156.92 9.85 -31.32	149.17 10.85 -6.27	142.10 5.58 -73.90	125.94 5.81 -52.07	97.57 4.17 -38.24
HEWLETT_69_KV_BK3 55828	101.64 7.41 0.00	105.43 6.91 0.00	103.59 6.53 0.00	111.51 7.21 0.00	116.68 6.79 0.00	104.61 7.05 -7.11	99.96 3.04 -60.47	151.49 4.26 -97.13	156.34 10.33 -15.95	136.71 10.22 -0.85	113.20 9.25 -2.43	78.02 6.75 -0.20	61.78 5.42 -0.96	49.30 4.26 -2.88	61.06 4.96 -7.40	74.21 3.46 -35.56	155.67 5.88 -85.40	175.04 13.77 0.00	173.18 13.18 -5.48	157.25 10.18 -31.32	149.67 11.36 -6.27	142.32 5.79 -73.90	126.20 6.07 -52.07	97.91 4.51 -38.24
HICKLING___1 23621	90.40 -3.83 0.00	94.24 -4.28 0.00	89.45 -4.85 2.76	99.10 -5.20 0.00	104.58 -5.31 0.00	86.72 -3.49 0.23	47.39 -1.30 -12.24	49.68 -2.00 -1.58	83.74 -4.80 41.52	122.12 -3.51 0.00	100.31 -1.72 -0.51	69.58 -1.52 -0.03	54.03 -1.62 -0.24	41.23 -1.38 -0.46	49.04 -1.39 -1.74	43.05 -0.94 -8.81	76.23 -1.63 -13.47	126.95 -4.75 29.56	53.08 -5.26 96.17	-6.12 -4.47 117.40	-22.64 -5.75 148.93	-0.57 -2.66 60.54	-18.80 -2.56 84.30	-12.31 -2.31 65.16
HICKLING___2 23622	90.40 -3.83 0.00	94.24 -4.28 0.00	89.45 -4.85 2.76	99.10 -5.20 0.00	104.58 -5.31 0.00	86.72 -3.49 0.23	47.39 -1.30 -12.24	49.68 -2.00 -1.58	83.74 -4.80 41.52	122.12 -3.51 0.00	100.31 -1.72 -0.51	69.58 -1.52 -0.03	54.03 -1.62 -0.24	41.23 -1.38 -0.46	49.04 -1.39 -1.74	43.05 -0.94 -8.81	76.23 -1.63 -13.47	126.95 -4.75 29.56	53.08 -5.26 96.17	-6.12 -4.47 117.40	-22.64 -5.75 148.93	-0.57 -2.66 60.54	-18.80 -2.56 84.30	-12.31 -2.31 65.16
HIGH FALLS___HY 23754	100.41 6.17 0.00	104.32 5.81 0.00	102.54 5.48 0.00	110.15 5.85 0.00	115.55 5.65 0.00	99.05 5.75 -2.85	100.56 2.82 -61.28	153.69 4.34 -99.26	156.50 10.82 -15.62	135.79 10.15 0.00	111.96 8.39 -2.04	76.73 5.55 -0.11	60.79 4.43 -0.96	47.40 3.42 -1.83	59.59 3.96 -6.94	73.36 2.99 -35.18	155.36 5.64 -85.33	175.39 14.12 0.00	174.35 13.70 -6.13	159.86 10.36 -33.75	150.24 11.19 -7.01	123.08 5.38 -55.07	100.18 5.47 -26.65	100.47 3.99 -41.32
HIGH_RIVER___SOLAR 323847	98.22 3.98 0.00	102.52 4.00 0.00	100.98 3.93 0.00	108.57 4.27 0.00	114.33 4.43 0.00	98.25 4.08 -3.72	139.82 1.91 -101.46	238.59 2.68 -185.82	184.46 6.58 -47.83	130.03 4.39 0.00	107.21 3.02 -2.67	72.89 1.68 -0.14	57.87 1.22 -1.25	45.40 0.86 -2.39	58.91 1.16 -9.07	82.44 1.27 -45.98	179.30 3.37 -111.52	170.67 9.41 0.00	188.67 9.16 -25.00	231.02 6.91 -108.36	168.09 7.45 -28.59	191.98 3.48 -125.87	155.02 3.65 -83.30	193.80 2.77 -135.87

HILLBURN___GT 23639	99.28 5.04 0.00	103.17 4.65 0.00	101.46 4.41 0.00	108.98 4.67 0.00	114.16 4.26 0.00	97.82 4.66 -2.71	96.43 2.36 -57.62	146.06 3.41 -92.55	152.54 8.59 -13.89	134.19 8.56 0.00	110.86 7.39 -1.95	76.26 5.08 -0.10	60.42 4.10 -0.91	47.15 3.26 -1.74	59.09 3.79 -6.61	71.43 2.71 -33.52	150.44 4.73 -81.31	172.65 11.38 0.00	170.71 10.97 -5.22	153.87 8.30 -29.82	146.94 8.92 -5.97	117.54 4.40 -50.52	96.21 4.52 -23.63	94.90 3.33 -36.40
HILLSIDE_115KV_TB1 80332	89.90 -4.34 0.00	93.83 -4.69 0.00	89.30 -5.17 2.58	98.82 -5.49 0.00	104.14 -5.76 0.00	86.22 -4.08 0.15	47.85 -1.58 -12.99	51.72 -2.35 -3.97	85.74 -5.89 38.43	121.12 -4.51 0.00	99.36 -2.69 -0.53	68.87 -2.23 -0.03	53.65 -2.00 -0.25	41.02 -1.61 -0.47	48.93 -1.56 -1.80	43.16 -1.16 -9.12	76.93 -2.20 -14.74	127.44 -6.15 27.68	57.80 -6.58 90.14	1.04 -5.24 109.46	-14.29 -6.59 139.75	4.06 -3.00 55.57	-13.26 -2.96 78.36	-7.47 -2.62 60.01
HISHELDN_WT_PWR 323625	85.13 -9.10 0.00	88.66 -9.86 0.00	85.80 -9.96 1.29	93.57 -10.73 0.00	99.31 -10.59 0.00	83.04 -7.46 -0.06	42.46 -3.07 -9.07	51.62 -4.72 -6.25	100.14 -11.36 18.55	115.00 -10.64 0.00	95.02 -6.87 -0.36	66.30 -4.80 -0.02	51.13 -4.44 -0.17	38.71 -3.76 -0.32	45.40 -4.52 -1.23	38.10 -3.32 -6.24	69.89 -5.93 -11.42	131.32 -16.07 13.88	57.17 -16.42 80.92	3.74 -12.90 99.11	-1.98 -15.45 118.58	-0.67 -7.11 56.19	12.91 -6.56 48.59	19.88 -5.19 30.09
HOLTSVILLE_IC_1 23690	101.91 7.67 0.00	105.76 7.24 0.00	103.90 6.84 0.00	111.85 7.55 0.00	116.69 6.79 0.00	104.82 7.26 -7.11	100.06 3.14 -60.47	151.27 4.04 -97.13	155.47 9.47 -15.94	135.78 9.29 -0.85	112.84 8.89 -2.43	77.47 6.19 -0.20	61.21 4.84 -0.96	48.65 3.69 -2.80	60.39 4.32 -7.37	73.77 3.06 -35.53	155.58 5.79 -85.39	174.43 13.16 0.00	172.45 12.45 -5.48	157.07 10.01 -31.32	149.43 11.12 -6.27	142.53 6.01 -73.90	126.40 6.28 -52.07	97.94 4.53 -38.24
HOLTSVILLE_IC_10 23699	102.42 8.18 0.00	106.26 7.74 0.00	104.39 7.33 0.00	112.46 8.16 0.00	117.32 7.42 0.00	105.38 7.82 -7.11	100.31 3.39 -60.47	151.58 4.35 -97.13	156.17 10.17 -15.94	136.45 9.96 -0.85	113.36 9.41 -2.43	77.81 6.53 -0.20	61.45 5.09 -0.96	48.82 3.86 -2.81	60.59 4.53 -7.37	73.92 3.21 -35.53	155.98 6.19 -85.39	175.51 14.24 0.00	173.52 13.52 -5.48	157.85 10.78 -31.32	150.32 12.01 -6.27	142.95 6.43 -73.90	126.82 6.68 -52.07	98.25 4.85 -38.24
HOLTSVILLE_IC_2 23691	101.91 7.67 0.00	105.76 7.24 0.00	103.90 6.84 0.00	111.85 7.55 0.00	116.69 6.79 0.00	104.82 7.26 -7.11	100.06 3.14 -60.47	151.27 4.04 -97.13	155.47 9.47 -15.94	135.78 9.29 -0.85	112.84 8.89 -2.43	77.47 6.19 -0.20	61.21 4.84 -0.96	48.65 3.69 -2.80	60.39 4.32 -7.37	73.77 3.06 -35.53	155.58 5.79 -85.39	174.43 13.16 0.00	172.45 12.45 -5.48	157.07 10.01 -31.32	149.43 11.12 -6.27	142.53 6.01 -73.90	126.40 6.28 -52.07	97.94 4.53 -38.24
HOLTSVILLE_IC_3 23692	101.91 7.67 0.00	105.76 7.24 0.00	103.90 6.84 0.00	111.85 7.55 0.00	116.69 6.79 0.00	104.82 7.26 -7.11	100.06 3.14 -60.47	151.27 4.04 -97.13	155.47 9.47 -15.94	135.78 9.29 -0.85	112.84 8.89 -2.43	77.47 6.19 -0.20	61.21 4.84 -0.96	48.65 3.69 -2.80	60.39 4.32 -7.37	73.77 3.06 -35.53	155.58 5.79 -85.39	174.43 13.16 0.00	172.45 12.45 -5.48	157.07 10.01 -31.32	149.43 11.12 -6.27	142.53 6.01 -73.90	126.40 6.28 -52.07	97.94 4.53 -38.24
HOLTSVILLE_IC_4 23693	101.91 7.67 0.00	105.76 7.24 0.00	103.90 6.84 0.00	111.85 7.55 0.00	116.69 6.79 0.00	104.82 7.26 -7.11	100.06 3.14 -60.47	151.27 4.04 -97.13	155.47 9.47 -15.94	135.78 9.29 -0.85	112.84 8.89 -2.43	77.47 6.19 -0.20	61.21 4.84 -0.96	48.65 3.69 -2.80	60.39 4.32 -7.37	73.77 3.06 -35.53	155.58 5.79 -85.39	174.43 13.16 0.00	172.45 12.45 -5.48	157.07 10.01 -31.32	149.43 11.12 -6.27	142.53 6.01 -73.90	126.40 6.28 -52.07	97.94 4.53 -38.24
HOLTSVILLE_IC_5 23694	101.91 7.67 0.00	105.76 7.24 0.00	103.90 6.84 0.00	111.85 7.55 0.00	116.69 6.79 0.00	104.82 7.26 -7.11	100.06 3.14 -60.47	151.27 4.04 -97.13	155.47 9.47 -15.94	135.78 9.29 -0.85	112.84 8.89 -2.43	77.47 6.19 -0.20	61.21 4.84 -0.96	48.65 3.69 -2.80	60.39 4.32 -7.37	73.77 3.06 -35.53	155.58 5.79 -85.39	174.43 13.16 0.00	172.45 12.45 -5.48	157.07 10.01 -31.32	149.43 11.12 -6.27	142.53 6.01 -73.90	126.40 6.28 -52.07	97.94 4.53 -38.24
HOLTSVILLE_IC_6 23695	102.42 8.18 0.00	106.26 7.74 0.00	104.39 7.33 0.00	112.46 8.16 0.00	117.32 7.42 0.00	105.38 7.82 -7.11	100.31 3.39 -60.47	151.58 4.35 -97.13	156.17 10.17 -15.94	136.45 9.96 -0.85	113.36 9.41 -2.43	77.81 6.53 -0.20	61.45 5.09 -0.96	48.82 3.86 -2.81	60.59 4.53 -7.37	73.92 3.21 -35.53	155.98 6.19 -85.39	175.51 14.24 0.00	173.52 13.52 -5.48	157.85 10.78 -31.32	150.32 12.01 -6.27	142.95 6.43 -73.90	126.82 6.68 -52.07	98.25 4.85 -38.24
HOLTSVILLE_IC_7 23696	102.42 8.18 0.00	106.26 7.74 0.00	104.39 7.33 0.00	112.46 8.16 0.00	117.32 7.42 0.00	105.38 7.82 -7.11	100.31 3.39 -60.47	151.58 4.35 -97.13	156.17 10.17 -15.94	136.45 9.96 -0.85	113.36 9.41 -2.43	77.81 6.53 -0.20	61.45 5.09 -0.96	48.82 3.86 -2.81	60.59 4.53 -7.37	73.92 3.21 -35.53	155.98 6.19 -85.39	175.51 14.24 0.00	173.52 13.52 -5.48	157.85 10.78 -31.32	150.32 12.01 -6.27	142.95 6.43 -73.90	126.82 6.68 -52.07	98.25 4.85 -38.24
HOLTSVILLE_IC_8 23697	102.42 8.18 0.00	106.26 7.74 0.00	104.39 7.33 0.00	112.46 8.16 0.00	117.32 7.42 0.00	105.38 7.82 -7.11	100.31 3.39 -60.47	151.58 4.35 -97.13	156.17 10.17 -15.94	136.45 9.96 -0.85	113.36 9.41 -2.43	77.81 6.53 -0.20	61.45 5.09 -0.96	48.82 3.86 -2.81	60.59 4.53 -7.37	73.92 3.21 -35.53	155.98 6.19 -85.39	175.51 14.24 0.00	173.52 13.52 -5.48	157.85 10.78 -31.32	150.32 12.01 -6.27	142.95 6.43 -73.90	126.82 6.68 -52.07	98.25 4.85 -38.24
HOLTSVILLE_IC_9 23698	102.42 8.18 0.00	106.26 7.74 0.00	104.39 7.33 0.00	112.46 8.16 0.00	117.32 7.42 0.00	105.38 7.82 -7.11	100.31 3.39 -60.47	151.58 4.35 -97.13	156.17 10.17 -15.94	136.45 9.96 -0.85	113.36 9.41 -2.43	77.81 6.53 -0.20	61.45 5.09 -0.96	48.82 3.86 -2.81	60.59 4.53 -7.37	73.92 3.21 -35.53	155.98 6.19 -85.39	175.51 14.24 0.00	173.52 13.52 -5.48	157.85 10.78 -31.32	150.32 12.01 -6.27	142.95 6.43 -73.90	126.82 6.68 -52.07	98.25 4.85 -38.24
HOMER_HL_115KV_TB2 355744	88.33 -5.91 0.00	92.25 -6.27 0.00	89.39 -6.31 1.35	97.70 -6.60 0.00	103.37 -6.53 0.00	85.96 -4.55 -0.07	44.07 -2.09 -9.71	55.42 -2.80 -8.13	106.69 -6.34 17.03	119.42 -6.21 0.00	98.20 -3.71 -0.38	68.38 -2.72 -0.02	53.09 -2.49 -0.18	40.38 -2.11 -0.34	47.59 -2.40 -1.30	39.83 -1.94 -6.58	72.73 -3.76 -12.09	136.78 -11.26 13.23	97.42 -11.36 45.73	45.89 -8.68 61.17	41.02 -11.17 79.86	26.81 -4.76 31.06	22.50 -4.06 41.50	21.69 -3.09 30.39
HOWARD_WT_PWR 323690	86.92 -7.31 0.00	90.12 -8.40 0.00	83.65 -10.68 2.73	92.54 -11.76 0.00	98.03 -11.87 0.00	81.56 -8.54 0.34	42.58 -3.43 -9.55	40.78 -5.22 4.10	72.51 -11.75 45.80	116.44 -9.20 0.00	96.75 -5.20 -0.42	67.74 -3.36 -0.02	51.89 -3.72 -0.20	39.31 -3.22 -0.38	45.93 -4.21 -1.44	39.76 -2.75 -7.32	70.52 -3.84 -9.97	122.65 -9.68 28.94	82.99 -9.96 61.56	29.73 -9.91 76.11	16.47 -12.39 103.18	22.15 -6.09 34.39	-12.45 -5.45 75.06	-14.96 -5.12 65.00

HQ_GEN_CEDARS 23644	94.66 0.43 0.00	99.38 0.87 0.00	98.02 0.96 0.00	105.55 1.25 0.00	111.52 1.63 0.00	90.39 -0.05 0.00	35.94 -0.52 0.00	49.37 -0.73 0.00	128.45 -1.61 0.00	124.14 -1.50 0.00	99.72 -1.81 0.00	70.09 -0.99 0.00	54.67 -0.74 0.00	41.53 -0.62 0.00	47.91 -0.79 0.00	34.49 -0.70 0.00	63.44 -0.96 0.00	159.45 -1.82 0.00	152.78 -1.74 0.00	114.35 -1.39 0.00	131.04 -1.01 0.00	61.98 -0.65 0.00	67.58 -0.48 0.00	55.07 -0.09 0.00
HQ_GEN_CEDARS_PROXY 323590	94.66 0.43 0.00	99.38 0.86 0.00	98.02 0.96 0.00	105.55 1.25 0.00	111.52 1.63 0.00	90.40 -0.05 0.00	35.94 -0.52 0.00	49.39 -0.71 0.00	128.46 -1.60 0.00	124.13 -1.50 0.00	99.71 -1.81 0.00	70.09 -0.99 0.00	54.67 -0.74 0.00	41.53 -0.62 0.00	52.76 -0.79 -4.86	34.49 -0.70 0.00	63.44 -0.95 0.00	159.47 -1.80 0.00	152.78 -1.74 0.00	114.36 -1.39 0.00	131.03 -1.01 0.00	61.97 -0.66 0.00	67.58 -0.48 0.00	55.09 -0.08 0.00
HQ_GEN_IMPORT 323601	94.00 -0.23 0.00	98.65 0.14 0.00	97.27 0.21 0.00	104.58 0.28 0.00	110.36 0.46 0.00	89.83 -0.61 0.00	35.84 -0.61 0.00	49.31 -0.78 0.00	128.03 -2.02 0.00	123.78 -1.86 0.00	99.46 -2.07 0.00	69.89 -1.19 0.00	54.55 -0.85 0.00	46.32 -0.65 -4.81	49.72 -0.79 -1.82	30.15 -0.71 4.32	61.35 -1.22 1.83	158.83 -2.44 0.00	152.18 -2.34 0.00	113.91 -1.84 0.00	130.52 -1.52 0.00	61.76 -0.87 0.00	67.18 -0.88 0.00	54.66 -0.50 0.00
HQ_GEN_WHEEL 23651	94.00 -0.23 0.00	98.65 0.14 0.00	97.27 0.21 0.00	104.58 0.28 0.00	110.36 0.46 0.00	89.83 -0.61 0.00	35.84 -0.61 0.00	49.31 -0.78 0.00	128.03 -2.02 0.00	123.78 -1.86 0.00	99.46 -2.07 0.00	69.89 -1.19 0.00	54.55 -0.85 0.00	46.32 -0.65 -4.81	49.72 -0.79 -1.82	30.15 -0.71 4.32	61.35 -1.22 1.83	158.83 -2.44 0.00	152.18 -2.34 0.00	113.91 -1.84 0.00	130.52 -1.52 0.00	61.76 -0.87 0.00	67.18 -0.88 0.00	54.66 -0.50 0.00
HUDSON AVE_GT_3 23810	100.34 6.10 0.00	104.11 5.60 0.00	102.45 5.39 0.00	109.99 5.69 0.00	115.16 5.27 0.00	98.94 5.64 -2.85	99.64 2.71 -60.49	151.21 3.95 -97.16	155.82 10.06 -15.70	136.41 10.08 -0.69	112.53 8.64 -2.36	77.36 6.10 -0.18	61.33 4.97 -0.96	48.98 4.08 -2.75	60.70 4.66 -7.34	73.92 3.21 -35.52	155.30 5.49 -85.41	174.38 13.11 0.00	172.60 12.60 -5.48	156.55 9.48 -31.32	148.51 10.19 -6.27	120.67 5.00 -53.05	97.99 5.11 -24.83	97.25 3.84 -38.25
HUDSON AVE_GT_4 23540	100.34 6.10 0.00	104.11 5.60 0.00	102.45 5.39 0.00	109.99 5.69 0.00	115.16 5.27 0.00	98.94 5.64 -2.85	99.64 2.71 -60.49	151.21 3.95 -97.16	155.82 10.06 -15.70	136.41 10.08 -0.69	112.53 8.64 -2.36	77.36 6.10 -0.18	61.33 4.97 -0.96	48.98 4.08 -2.75	60.70 4.66 -7.34	73.92 3.21 -35.52	155.30 5.49 -85.41	174.38 13.11 0.00	172.60 12.60 -5.48	156.55 9.48 -31.32	148.51 10.19 -6.27	120.67 5.00 -53.05	97.99 5.11 -24.83	97.25 3.84 -38.25
HUDSON AVE_GT_5 23657	100.34 6.10 0.00	104.11 5.60 0.00	102.45 5.39 0.00	109.99 5.69 0.00	115.16 5.27 0.00	98.94 5.64 -2.85	99.64 2.71 -60.49	151.21 3.95 -97.16	155.82 10.06 -15.70	136.41 10.08 -0.69	112.53 8.64 -2.36	77.36 6.10 -0.18	61.33 4.97 -0.96	48.98 4.08 -2.75	60.70 4.66 -7.34	73.92 3.21 -35.52	155.30 5.49 -85.41	174.38 13.11 0.00	172.60 12.60 -5.48	156.55 9.48 -31.32	148.51 10.19 -6.27	120.67 5.00 -53.05	97.99 5.11 -24.83	97.25 3.84 -38.25
HUDSON_AVE_10 24168	100.11 5.87 0.00	103.89 5.38 0.00	102.24 5.18 0.00	109.78 5.48 0.00	114.93 5.04 0.00	98.75 5.46 -2.85	99.58 2.65 -60.49	151.10 3.85 -97.16	155.77 9.77 -15.94	136.19 9.71 -0.85	112.28 8.32 -2.43	77.15 5.88 -0.20	61.18 4.82 -0.96	49.07 3.99 -2.92	60.65 4.54 -7.42	73.90 3.13 -35.59	155.16 5.34 -85.42	174.02 12.75 0.00	172.26 12.26 -5.48	156.26 9.18 -31.32	148.16 9.85 -6.27	120.53 4.86 -53.05	97.83 4.94 -24.83	97.14 3.73 -38.25
HUDSON___115KV_TB 4 355613	99.39 5.16 0.00	103.58 5.06 0.00	102.03 4.97 0.00	109.64 5.34 0.00	115.29 5.40 0.00	98.87 5.02 -3.40	117.31 2.22 -78.64	185.93 2.88 -132.96	163.05 7.27 -25.72	132.35 6.71 0.00	109.05 5.08 -2.44	74.08 2.88 -0.13	58.80 2.25 -1.15	45.92 1.58 -2.18	58.75 1.78 -8.28	78.52 1.34 -41.99	169.23 3.00 -101.83	169.54 8.27 0.00	174.32 8.08 -11.73	178.72 6.00 -56.96	152.08 6.62 -13.41	145.55 3.20 -79.72	116.07 3.63 -44.37	128.96 3.32 -70.48
HUNTER MOUNT___DRP 323613	99.86 5.62 0.00	104.11 5.60 0.00	102.57 5.51 0.00	110.23 5.93 0.00	115.94 6.05 0.00	99.33 5.57 -3.32	114.61 2.46 -75.70	180.21 3.16 -126.95	161.97 8.21 -23.70	133.11 7.47 0.00	109.57 5.66 -2.38	74.38 3.18 -0.12	58.95 2.43 -1.12	46.00 1.72 -2.13	58.77 1.99 -8.08	77.70 1.52 -41.01	167.30 3.45 -99.45	170.96 9.70 0.00	174.50 9.42 -10.57	174.93 6.89 -52.29	151.76 7.63 -12.08	141.30 3.62 -75.05	112.99 4.11 -40.82	123.37 3.62 -64.59
HUNTINGTON_RES_REC 323705	101.96 7.72 0.00	105.82 7.30 0.00	103.97 6.91 0.00	111.86 7.56 0.00	116.82 6.92 0.00	104.90 7.34 -7.11	100.12 3.19 -60.47	151.46 4.23 -97.13	155.93 9.93 -15.94	136.37 9.89 -0.85	113.19 9.23 -2.43	77.78 6.50 -0.20	61.43 5.06 -0.96	48.86 3.89 -2.81	60.64 4.58 -7.37	73.97 3.25 -35.53	155.88 6.09 -85.39	175.39 14.13 0.00	173.42 13.41 -5.48	157.67 10.61 -31.32	150.04 11.72 -6.27	142.79 6.27 -73.90	126.69 6.57 -52.07	98.14 4.74 -38.24
HUNTLEY___63 23557	86.26 -7.97 0.00	90.01 -8.51 0.00	87.83 -8.28 0.95	95.29 -9.01 0.00	101.01 -8.89 0.00	84.27 -6.29 -0.12	41.80 -2.80 -8.15	52.84 -4.43 -7.17	106.34 -10.94 12.77	114.16 -11.48 0.00	93.94 -7.91 -0.32	65.70 -5.39 -0.02	50.79 -4.76 -0.15	38.40 -4.04 -0.28	44.92 -4.85 -1.07	36.87 -3.77 -5.46	67.84 -7.10 -10.54	132.17 -19.24 9.85	93.03 -18.92 42.56	49.71 -13.87 52.16	49.75 -16.55 65.74	28.03 -7.47 27.12	31.05 -6.19 30.82	29.70 -4.68 20.79
HUNTLEY___64 23558	86.26 -7.97 0.00	90.01 -8.51 0.00	87.83 -8.28 0.95	95.29 -9.01 0.00	101.01 -8.89 0.00	84.27 -6.29 -0.12	41.80 -2.80 -8.15	52.84 -4.43 -7.17	106.34 -10.94 12.77	114.16 -11.48 0.00	93.94 -7.91 -0.32	65.70 -5.39 -0.02	50.79 -4.76 -0.15	38.40 -4.04 -0.28	44.92 -4.85 -1.07	36.87 -3.77 -5.46	67.84 -7.10 -10.54	132.17 -19.24 9.85	93.03 -18.92 42.56	49.71 -13.87 52.16	49.75 -16.55 65.74	28.03 -7.47 27.12	31.05 -6.19 30.82	29.70 -4.68 20.79
HUNTLEY___65 23559	86.26 -7.97 0.00	90.01 -8.51 0.00	87.83 -8.28 0.95	95.29 -9.01 0.00	101.01 -8.89 0.00	84.27 -6.29 -0.12	41.80 -2.80 -8.15	52.84 -4.43 -7.17	106.34 -10.94 12.77	114.16 -11.48 0.00	93.94 -7.91 -0.32	65.70 -5.39 -0.02	50.79 -4.76 -0.15	38.40 -4.04 -0.28	44.92 -4.85 -1.07	36.87 -3.77 -5.46	67.84 -7.10 -10.54	132.17 -19.24 9.85	93.03 -18.92 42.56	49.71 -13.87 52.16	49.75 -16.55 65.74	28.03 -7.47 27.12	31.05 -6.19 30.82	29.70 -4.68 20.79
HUNTLEY___66 23560	86.26 -7.97 0.00	90.01 -8.51 0.00	87.83 -8.28 0.95	95.29 -9.01 0.00	101.01 -8.89 0.00	84.27 -6.29 -0.12	41.80 -2.80 -8.15	52.84 -4.43 -7.17	106.34 -10.94 12.77	114.16 -11.48 0.00	93.94 -7.91 -0.32	65.70 -5.39 -0.02	50.79 -4.76 -0.15	38.40 -4.04 -0.28	44.92 -4.85 -1.07	36.87 -3.77 -5.46	67.84 -7.10 -10.54	132.17 -19.24 9.85	93.03 -18.92 42.56	49.71 -13.87 52.16	49.75 -16.55 65.74	28.03 -7.47 27.12	31.05 -6.19 30.82	29.70 -4.68 20.79

HUNTLEY___67 23561	85.51 -8.72 0.00	89.17 -9.35 0.00	87.02 -9.05 0.99	94.52 -9.78 0.00	100.21 -9.68 0.00	83.69 -6.87 -0.11	41.81 -2.93 -8.29	52.66 -4.58 -7.13	105.55 -11.14 13.36	114.20 -11.43 0.00	94.21 -7.64 -0.32	65.92 -5.17 -0.02	50.97 -4.58 -0.15	38.54 -3.91 -0.29	45.09 -4.70 -1.10	37.09 -3.66 -5.56	68.10 -6.95 -10.65	131.33 -19.07 10.86	85.83 -19.00 49.69	42.90 -14.04 58.80	42.60 -16.80 72.64	24.54 -7.59 30.49	28.76 -6.54 32.76	28.47 -4.94 21.75
HUNTLEY___68 23562	85.51 -8.72 0.00	89.17 -9.35 0.00	87.02 -9.05 0.99	94.52 -9.78 0.00	100.21 -9.68 0.00	83.69 -6.87 -0.11	41.81 -2.93 -8.29	52.66 -4.58 -7.13	105.55 -11.14 13.36	114.20 -11.43 0.00	94.21 -7.64 -0.32	65.92 -5.17 -0.02	50.97 -4.58 -0.15	38.54 -3.91 -0.29	45.09 -4.70 -1.10	37.09 -3.66 -5.56	68.10 -6.95 -10.65	131.33 -19.07 10.86	85.83 -19.00 49.69	42.90 -14.04 58.80	42.60 -16.80 72.64	24.54 -7.59 30.49	28.76 -6.54 32.76	28.47 -4.94 21.75
HYLAND___LFGE 323620	93.04 -1.20 0.00	96.81 -1.70 0.00	93.17 -2.40 1.49	101.67 -2.63 0.00	107.83 -2.07 0.00	90.15 -0.27 0.02	45.10 0.14 -8.50	53.69 -0.02 -3.61	107.57 0.49 22.98	126.05 0.42 0.00	103.25 1.37 -0.35	71.55 0.45 -0.02	54.04 -1.53 -0.16	40.59 -1.88 -0.31	47.58 -2.31 -1.19	40.19 -1.04 -6.05	74.46 -0.35 -10.41	146.07 0.76 15.95	142.53 0.34 12.33	102.89 -0.18 12.67	103.61 -1.59 26.84	64.58 -0.73 -2.68	34.15 -0.38 33.54	21.40 -0.49 33.27
INDECK___CORINTH 23802	101.78 7.54 0.00	106.13 7.61 0.00	104.71 7.65 0.00	112.51 8.20 0.00	118.37 8.47 0.00	101.97 7.93 -3.60	138.16 3.64 -98.07	234.91 5.10 -179.72	189.52 13.24 -46.22	137.30 11.67 0.00	113.30 9.19 -2.58	76.91 5.69 -0.13	60.98 4.36 -1.21	47.55 3.09 -2.31	61.42 3.96 -8.77	82.95 3.27 -44.49	178.87 6.56 -107.91	177.65 16.38 0.00	194.81 16.05 -24.24	232.97 12.17 -105.05	173.37 13.61 -27.73	190.99 6.41 -121.96	155.41 6.67 -80.68	191.70 5.21 -131.33
INDECK___ILION 23567	95.70 1.47 0.00	99.93 1.42 0.00	98.42 1.36 0.00	105.76 1.46 0.00	111.10 1.20 0.00	92.05 1.61 0.00	38.59 2.13 0.00	53.70 3.60 0.00	139.15 9.10 0.00	131.77 6.13 0.00	105.63 4.11 0.00	73.26 2.18 0.00	56.98 1.58 0.00	43.20 1.04 0.00	50.52 1.83 0.00	36.91 1.72 0.00	69.47 5.07 0.00	175.86 14.59 0.00	169.14 14.62 0.00	126.63 10.88 0.00	143.43 11.38 0.00	67.92 5.29 0.00	73.49 5.43 0.00	59.23 4.07 0.00
INDECK___OLEAN 23982	88.33 -5.91 0.00	92.25 -6.27 0.00	89.38 -6.32 1.35	97.70 -6.61 0.00	103.33 -6.57 0.00	85.97 -4.54 -0.07	44.08 -2.08 -9.71	55.33 -2.90 -8.13	106.66 -6.37 17.03	119.41 -6.23 0.00	98.20 -3.71 -0.38	68.36 -2.73 -0.02	53.08 -2.50 -0.18	40.38 -2.12 -0.34	47.60 -2.39 -1.30	39.81 -1.95 -6.58	72.75 -3.73 -12.09	136.80 -11.24 13.23	97.34 -11.45 45.73	45.80 -8.77 61.17	41.00 -11.18 79.86	26.77 -4.79 31.06	22.39 -4.17 41.50	21.60 -3.17 30.39
INDECK___OSWEGO 23783	90.89 -3.35 0.00	94.86 -3.66 0.00	93.40 -3.66 0.00	100.35 -3.96 0.00	105.94 -3.96 0.00	87.41 -3.26 -0.22	39.54 -1.25 -4.34	54.68 -1.81 -6.39	126.03 -4.66 -0.63	120.92 -4.72 0.00	98.13 -3.56 -0.16	68.40 -2.69 -0.01	53.28 -2.20 -0.07	40.64 -1.66 -0.14	47.28 -1.94 -0.53	36.68 -1.20 -2.70	68.78 -2.17 -6.55	155.69 -5.58 0.00	149.13 -5.38 0.00	112.50 -4.06 -0.81	127.04 -5.01 0.00	62.99 -2.37 -2.74	66.14 -2.72 -0.80	54.34 -2.24 -1.42
INDECK___YERKES 23781	86.35 -7.89 0.00	90.11 -8.41 0.00	87.91 -8.20 0.95	95.35 -8.95 0.00	101.08 -8.81 0.00	84.34 -6.22 -0.12	41.82 -2.79 -8.15	52.78 -4.49 -7.17	106.30 -10.99 12.77	114.13 -11.51 0.00	93.91 -7.94 -0.32	65.68 -5.41 -0.02	50.76 -4.80 -0.15	38.37 -4.06 -0.28	44.91 -4.85 -1.07	36.84 -3.80 -5.46	67.85 -7.09 -10.54	132.12 -19.29 9.85	92.99 -18.96 42.56	49.55 -14.03 52.16	49.68 -16.61 65.74	28.05 -7.45 27.12	31.06 -6.18 30.82	29.59 -4.78 20.79
INDIAN POINT_GT_1 24139	99.56 5.33 0.00	103.39 4.87 0.00	101.70 4.64 0.00	109.26 4.96 0.00	114.40 4.51 0.00	98.13 4.86 -2.82	98.72 2.40 -59.87	149.74 3.47 -96.17	153.22 8.73 -14.44	134.30 8.66 0.00	111.08 7.53 -2.02	76.40 5.22 -0.10	60.56 4.20 -0.95	47.31 3.35 -1.81	59.45 3.89 -6.87	72.78 2.76 -34.83	153.68 4.81 -84.47	172.76 11.50 0.00	171.01 11.06 -5.43	155.15 8.39 -31.01	147.30 9.05 -6.21	119.61 4.48 -52.50	97.24 4.61 -24.57	96.43 3.41 -37.86
INDIAN POINT_GT_2 23659	99.56 5.33 0.00	103.39 4.87 0.00	101.70 4.64 0.00	109.26 4.96 0.00	114.40 4.51 0.00	98.13 4.86 -2.82	98.72 2.40 -59.87	149.74 3.47 -96.17	153.22 8.73 -14.44	134.30 8.66 0.00	111.08 7.53 -2.02	76.40 5.22 -0.10	60.56 4.20 -0.95	47.31 3.35 -1.81	59.45 3.89 -6.87	72.78 2.76 -34.83	153.68 4.81 -84.47	172.76 11.50 0.00	171.01 11.06 -5.43	155.15 8.39 -31.01	147.30 9.05 -6.21	119.61 4.48 -52.50	97.24 4.61 -24.57	96.43 3.41 -37.86
INDIAN POINT_GT_3 24019	99.56 5.33 0.00	103.39 4.87 0.00	101.70 4.64 0.00	109.26 4.96 0.00	114.40 4.51 0.00	98.13 4.86 -2.82	98.72 2.40 -59.87	149.74 3.47 -96.17	153.22 8.73 -14.44	134.30 8.66 0.00	111.08 7.53 -2.02	76.40 5.22 -0.10	60.56 4.20 -0.95	47.31 3.35 -1.81	59.45 3.89 -6.87	72.78 2.76 -34.83	153.68 4.81 -84.47	172.76 11.50 0.00	171.01 11.06 -5.43	155.15 8.39 -31.01	147.30 9.05 -6.21	119.61 4.48 -52.50	97.24 4.61 -24.57	96.43 3.41 -37.86
INDIAN POINT___2 23530	99.34 5.11 0.00	103.19 4.68 0.00	101.49 4.43 0.00	109.04 4.74 0.00	114.18 4.29 0.00	97.92 4.70 -2.78	97.84 2.34 -59.05	148.32 3.37 -94.85	152.80 8.51 -14.24	134.09 8.45 0.00	110.87 7.35 -2.00	76.26 5.08 -0.10	60.44 4.10 -0.94	47.22 3.28 -1.78	59.27 3.80 -6.77	72.24 2.70 -34.36	152.41 4.69 -83.32	172.47 11.20 0.00	170.66 10.79 -5.35	154.51 8.20 -30.57	146.96 8.80 -6.12	118.76 4.35 -51.78	96.78 4.49 -24.23	95.79 3.30 -37.32
INDIAN POINT___3 23531	99.36 5.13 0.00	103.22 4.70 0.00	101.51 4.45 0.00	109.06 4.76 0.00	114.24 4.34 0.00	98.00 4.73 -2.82	98.70 2.33 -59.91	149.71 3.38 -96.24	153.00 8.49 -14.45	134.06 8.43 0.00	110.88 7.33 -2.02	76.26 5.08 -0.10	60.45 4.10 -0.95	47.22 3.26 -1.81	59.36 3.79 -6.87	72.73 2.69 -34.85	153.61 4.69 -84.53	172.44 11.17 0.00	170.70 10.75 -5.44	154.94 8.15 -31.03	147.05 8.79 -6.22	119.52 4.36 -52.54	97.14 4.49 -24.59	96.37 3.32 -37.88
INGHAM_C_115KV_TB7 356103	96.83 2.59 0.00	101.10 2.58 0.00	99.50 2.44 0.00	106.91 2.61 0.00	111.86 1.96 0.00	93.12 2.68 0.00	38.70 2.25 0.00	53.29 3.20 0.00	138.07 8.02 0.00	130.69 5.06 0.00	104.89 3.36 0.00	72.69 1.61 0.00	56.57 1.17 0.00	42.90 0.74 0.00	50.17 1.48 0.00	36.62 1.44 0.00	68.90 4.50 0.00	174.30 13.03 0.00	167.64 13.13 0.00	125.59 9.84 0.00	142.24 10.19 0.00	67.37 4.74 0.00	72.95 4.88 0.00	58.81 3.65 0.00
IP CORINTH___1 23988	101.78 7.54 0.00	106.13 7.61 0.00	104.71 7.65 0.00	112.51 8.20 0.00	118.37 8.47 0.00	101.97 7.93 -3.60	138.16 3.64 -98.07	234.92 5.10 -179.72	189.51 13.24 -46.22	137.29 11.65 0.00	113.30 9.19 -2.58	76.91 5.70 -0.13	60.97 4.35 -1.21	47.55 3.09 -2.31	61.42 3.95 -8.77	82.95 3.27 -44.49	178.87 6.56 -107.91	177.66 16.39 0.00	194.81 16.05 -24.24	232.96 12.17 -105.05	173.36 13.59 -27.73	190.99 6.41 -121.96	155.41 6.67 -80.68	191.72 5.23 -131.33

IP___TICONDEROGA 23804	104.38 10.15 0.00	108.95 10.43 0.00	107.95 10.89 0.00	115.95 11.65 0.00	121.93 12.04 0.00	105.54 11.50 -3.60	139.50 5.46 -97.59	236.64 7.94 -178.60	196.49 20.68 -45.75	143.11 17.47 0.00	118.31 14.21 -2.58	79.63 8.42 -0.13	62.89 6.27 -1.21	48.58 4.12 -2.31	62.98 5.54 -8.75	84.27 4.67 -44.42	181.21 9.10 -107.72	185.34 24.08 0.00	202.39 23.92 -23.96	238.44 18.74 -103.95	180.68 21.23 -27.40	193.27 9.67 -120.97	158.07 10.17 -79.85	192.70 7.61 -129.93
ISLIP_RES_REC 323679	102.82 8.58 0.00	106.65 8.13 0.00	104.78 7.72 0.00	112.87 8.57 0.00	117.76 7.87 0.00	105.75 8.19 -7.11	100.48 3.56 -60.47	151.84 4.62 -97.13	156.83 10.83 -15.94	137.09 10.60 -0.85	113.86 9.91 -2.43	78.12 6.84 -0.20	61.75 5.39 -0.96	49.00 4.04 -2.81	60.82 4.76 -7.37	74.10 3.38 -35.53	156.36 6.58 -85.39	176.45 15.18 0.00	174.40 14.40 -5.48	158.52 11.46 -31.32	151.05 12.73 -6.27	143.28 6.76 -73.90	127.15 7.03 -52.07	98.50 5.09 -38.24
JAMAICA__27_KV_LOAD 355505	100.75 6.51 0.00	104.62 6.10 0.00	103.01 5.95 0.00	110.54 6.24 0.00	115.85 5.95 0.00	99.48 6.19 -2.85	99.95 3.01 -60.49	151.57 4.32 -97.16	156.95 10.87 -16.02	137.21 10.68 -0.89	112.94 8.96 -2.45	77.61 6.33 -0.20	61.62 5.25 -0.96	49.48 4.35 -2.98	61.08 4.94 -7.45	74.19 3.41 -35.61	155.70 5.88 -85.43	175.40 14.13 0.00	173.70 13.70 -5.48	157.32 10.25 -31.32	149.19 10.87 -6.27	121.08 5.41 -53.05	98.39 5.51 -24.83	97.66 4.25 -38.25
JANIS___SOLAR 323808	95.58 1.34 0.00	99.95 1.43 0.00	101.15 1.45 -2.64	105.44 1.14 0.00	111.21 1.32 0.00	93.87 1.75 -1.67	57.37 1.11 -19.80	101.15 1.44 -49.62	181.25 4.00 -47.19	129.35 3.71 0.00	104.39 2.31 -0.55	71.71 0.61 -0.03	55.51 -0.15 -0.26	42.75 0.10 -0.49	51.07 0.51 -1.87	45.73 1.05 -9.49	98.21 3.26 -30.56	199.78 10.31 -28.20	268.49 9.96 -104.01	262.85 6.51 -140.59	294.17 5.70 -156.43	158.44 2.13 -93.69	167.28 2.01 -97.21	141.12 1.09 -84.86
JARVIS____ 23743	94.66 0.43 0.00	98.86 0.34 0.00	97.37 0.31 0.00	104.67 0.36 0.00	110.26 0.37 0.00	91.02 0.58 0.00	36.77 0.31 0.00	50.50 0.41 0.00	131.17 1.12 0.00	126.63 1.00 0.00	102.54 1.01 0.00	71.70 0.62 0.00	55.85 0.44 0.00	42.50 0.34 0.00	49.12 0.43 0.00	35.51 0.32 0.00	65.03 0.63 0.00	162.76 1.50 0.00	156.00 1.48 0.00	116.90 1.15 0.00	133.11 1.06 0.00	63.19 0.56 0.00	68.62 0.56 0.00	55.54 0.38 0.00
JENNISON___1 23625	94.37 0.14 0.00	98.68 0.16 0.00	97.93 0.32 -0.55	104.38 0.08 0.00	109.77 -0.13 0.00	92.11 0.49 -1.18	59.85 0.55 -22.84	92.48 0.70 -41.68	147.62 2.07 -15.50	127.74 2.10 0.00	104.27 2.03 -0.71	71.84 0.73 -0.04	55.86 0.12 -0.33	43.04 0.25 -0.63	52.22 1.11 -2.41	49.07 1.65 -12.24	100.05 4.39 -31.26	179.14 11.98 -5.90	190.50 11.23 -24.76	164.09 6.77 -41.57	171.97 4.78 -35.14	101.85 1.50 -37.72	99.37 1.15 -30.16	88.91 0.48 -33.27
JENNISON___2 23626	94.37 0.14 0.00	98.68 0.16 0.00	97.93 0.32 -0.55	104.38 0.08 0.00	109.77 -0.13 0.00	92.11 0.49 -1.18	59.85 0.55 -22.84	92.48 0.70 -41.68	147.62 2.07 -15.50	127.74 2.10 0.00	104.27 2.03 -0.71	71.84 0.73 -0.04	55.86 0.12 -0.33	43.04 0.25 -0.63	52.22 1.11 -2.41	49.07 1.65 -12.24	100.05 4.39 -31.26	179.14 11.98 -5.90	190.50 11.23 -24.76	164.09 6.77 -41.57	171.97 4.78 -35.14	101.85 1.50 -37.72	99.37 1.15 -30.16	88.91 0.48 -33.27
JERICHO_RISE_WT_PWR 323719	92.16 -2.07 0.00	96.84 -1.68 0.00	95.81 -1.25 0.00	103.93 -0.37 0.00	109.96 0.07 0.00	88.76 -1.68 0.00	35.17 -1.28 0.00	48.35 -1.74 0.00	126.29 -3.77 0.00	121.07 -4.56 0.00	97.49 -4.04 0.00	68.45 -2.62 0.00	53.57 -1.83 0.00	40.78 -1.38 0.00	47.37 -1.32 0.00	34.38 -0.80 0.00	63.55 -0.85 0.00	159.84 -1.42 0.00	153.58 -0.94 0.00	114.97 -0.78 0.00	131.20 -0.84 0.00	62.05 -0.58 0.00	67.53 -0.53 0.00	55.11 -0.06 0.00
KATONAH___115KV_46KV_TB4 355592	100.75 6.52 0.00	104.65 6.13 0.00	102.93 5.88 0.00	110.58 6.27 0.00	115.90 6.00 0.00	99.50 6.17 -2.88	100.64 2.93 -61.26	152.73 4.21 -98.42	155.51 10.66 -14.79	136.04 10.40 0.00	112.51 8.92 -2.07	77.38 6.20 -0.11	61.32 4.95 -0.97	47.88 3.87 -1.85	60.19 4.48 -7.02	74.06 3.25 -35.63	156.55 5.75 -86.41	175.25 13.98 0.00	173.68 13.60 -5.57	157.74 10.23 -31.77	149.59 11.18 -6.37	121.80 5.43 -53.74	98.84 5.61 -25.17	98.09 4.15 -38.78
KCE_NY_1 323755	100.46 6.23 0.00	104.77 6.25 0.00	103.25 6.19 0.00	110.94 6.63 0.00	116.69 6.80 0.00	100.42 6.39 -3.59	136.51 2.85 -97.21	231.74 3.93 -177.72	185.72 10.29 -45.38	134.72 9.09 0.00	111.38 7.28 -2.57	75.89 4.68 -0.13	60.22 3.61 -1.21	47.05 2.59 -2.30	60.73 3.29 -8.74	82.23 2.69 -44.35	177.20 5.25 -107.56	174.04 12.78 0.00	190.56 12.31 -23.73	228.28 9.45 -103.08	169.57 10.39 -27.14	187.83 5.01 -120.19	152.61 5.36 -79.19	188.17 4.18 -128.83
KCE_NY_6_ESR 323823	86.37 -7.86 0.00	90.11 -8.41 0.00	87.80 -8.20 1.06	95.46 -8.84 0.00	101.18 -8.71 0.00	84.58 -5.97 -0.11	42.55 -2.53 -8.62	53.40 -3.96 -7.26	106.33 -9.43 14.29	116.12 -9.52 0.00	95.78 -6.09 -0.34	67.01 -4.08 -0.02	51.75 -3.82 -0.16	39.16 -3.30 -0.30	45.86 -3.98 -1.14	37.86 -3.13 -5.81	69.56 -5.87 -11.03	133.58 -16.27 11.41	86.74 -16.31 51.46	41.13 -12.45 62.17	39.96 -14.92 77.16	23.32 -6.75 32.55	27.07 -5.73 35.26	27.11 -4.43 23.62
KEDC_PORT_JEFF_GT2 24210	102.30 8.06 0.00	106.13 7.61 0.00	104.29 7.23 0.00	112.29 7.98 0.00	117.18 7.28 0.00	105.25 7.69 -7.11	100.26 3.34 -60.47	151.49 4.27 -97.13	155.68 9.68 -15.94	136.30 9.81 -0.85	113.24 9.28 -2.43	77.72 6.45 -0.20	61.38 5.01 -0.96	48.78 3.82 -2.81	60.55 4.49 -7.37	73.88 3.17 -35.53	155.88 6.09 -85.39	174.90 13.63 0.00	172.94 12.94 -5.48	157.42 10.35 -31.32	149.96 11.65 -6.27	142.88 6.36 -73.90	126.75 6.62 -52.07	98.18 4.78 -38.24
KEDC_PORT_JEFF_GT3 24211	102.30 8.06 0.00	106.13 7.61 0.00	104.29 7.23 0.00	112.29 7.98 0.00	117.18 7.28 0.00	105.25 7.69 -7.11	100.26 3.34 -60.47	151.49 4.27 -97.13	155.68 9.68 -15.94	136.30 9.81 -0.85	113.24 9.28 -2.43	77.72 6.45 -0.20	61.38 5.01 -0.96	48.78 3.82 -2.81	60.55 4.49 -7.37	73.88 3.17 -35.53	155.88 6.09 -85.39	174.90 13.63 0.00	172.94 12.94 -5.48	157.42 10.35 -31.32	149.96 11.65 -6.27	142.88 6.36 -73.90	126.75 6.62 -52.07	98.18 4.78 -38.24
KEDC_GLWD_GT4 24219	101.55 7.31 0.00	105.35 6.83 0.00	103.53 6.47 0.00	111.34 7.04 0.00	116.50 6.60 0.00	104.48 6.93 -7.11	99.84 2.91 -60.47	151.31 4.08 -97.13	155.99 9.98 -15.95	136.42 9.93 -0.85	112.96 9.00 -2.43	77.60 6.33 -0.20	61.45 5.08 -0.96	49.02 3.98 -2.88	60.74 4.64 -7.40	74.02 3.28 -35.56	155.55 5.75 -85.40	174.43 13.16 0.00	172.52 12.52 -5.48	157.15 10.09 -31.32	149.42 11.11 -6.27	142.20 5.68 -73.90	126.01 5.88 -52.07	97.67 4.26 -38.24
KEDC_GLWD_GT5 24220	101.55 7.31 0.00	105.35 6.83 0.00	103.53 6.47 0.00	111.34 7.04 0.00	116.50 6.60 0.00	104.48 6.93 -7.11	99.84 2.91 -60.47	151.31 4.08 -97.13	155.99 9.98 -15.95	136.42 9.93 -0.85	112.96 9.00 -2.43	77.60 6.33 -0.20	61.45 5.08 -0.96	49.02 3.98 -2.88	60.74 4.64 -7.40	74.02 3.28 -35.56	155.55 5.75 -85.40	174.43 13.16 0.00	172.52 12.52 -5.48	157.15 10.09 -31.32	149.42 11.11 -6.27	142.20 5.68 -73.90	126.01 5.88 -52.07	97.67 4.26 -38.24

KENSICO____ 23655	99.86 5.63 0.00	103.71 5.20 0.00	102.00 4.94 0.00	109.59 5.28 0.00	114.76 4.87 0.00	98.48 5.19 -2.84	99.29 2.52 -60.32	150.64 3.65 -96.90	154.86 9.22 -15.58	135.42 9.14 -0.65	111.79 7.93 -2.33	76.77 5.52 -0.18	60.82 4.46 -0.96	48.45 3.56 -2.73	60.15 4.14 -7.32	73.55 2.92 -35.44	154.70 5.07 -85.23	173.36 12.09 0.00	171.60 11.61 -5.47	155.80 8.79 -31.26	147.81 9.50 -6.26	120.24 4.68 -52.93	97.65 4.81 -24.77	96.90 3.56 -38.17
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	100.29 6.05 0.00	104.23 5.71 0.00	102.47 5.42 0.00	110.09 5.79 0.00	115.50 5.61 0.00	98.89 5.71 -2.73	97.74 2.77 -58.52	148.90 4.29 -94.51	155.42 10.73 -14.63	135.66 10.02 0.00	111.76 8.27 -1.96	76.57 5.40 -0.10	60.64 4.32 -0.92	47.17 3.27 -1.75	59.10 3.75 -6.65	71.78 2.84 -33.75	151.68 5.42 -81.86	174.96 13.69 0.00	173.48 13.30 -5.66	157.32 10.01 -31.56	149.33 10.81 -6.48	119.98 5.20 -52.15	98.33 5.31 -24.95	97.69 3.92 -38.60
KIAC_JFK_GT1 23816	100.42 6.18 0.00	104.25 5.74 0.00	102.65 5.59 0.00	110.17 5.87 0.00	115.44 5.54 0.00	99.15 5.86 -2.85	99.79 2.85 -60.49	151.36 4.10 -97.16	156.41 10.33 -16.02	136.72 10.19 -0.89	112.57 8.60 -2.45	77.36 6.08 -0.20	61.40 5.03 -0.96	49.34 4.20 -2.98	60.89 4.75 -7.45	74.06 3.27 -35.61	155.45 5.62 -85.43	174.75 13.48 0.00	173.00 13.00 -5.48	156.81 9.74 -31.32	148.65 10.33 -6.27	120.82 5.15 -53.05	98.11 5.23 -24.83	97.44 4.03 -38.25
KIAC_JFK_GT2 23817	100.42 6.18 0.00	104.25 5.74 0.00	102.65 5.59 0.00	110.17 5.87 0.00	115.44 5.54 0.00	99.15 5.86 -2.85	99.79 2.85 -60.49	151.36 4.10 -97.16	156.41 10.33 -16.02	136.72 10.19 -0.89	112.57 8.60 -2.45	77.36 6.08 -0.20	61.40 5.03 -0.96	49.34 4.20 -2.98	60.89 4.75 -7.45	74.06 3.27 -35.61	155.45 5.62 -85.43	174.75 13.48 0.00	173.00 13.00 -5.48	156.81 9.74 -31.32	148.65 10.33 -6.27	120.82 5.15 -53.05	98.11 5.23 -24.83	97.44 4.03 -38.25
KIAC_JFK____ 323774	100.42 6.18 0.00	104.25 5.73 0.00	102.64 5.58 0.00	110.17 5.86 0.00	115.44 5.54 0.00	99.16 5.86 -2.85	99.79 2.85 -60.49	151.35 4.09 -97.16	156.42 10.35 -16.02	136.72 10.19 -0.89	112.57 8.60 -2.45	77.36 6.07 -0.20	61.40 5.03 -0.96	49.35 4.22 -2.98	60.89 4.75 -7.45	74.06 3.27 -35.61	155.44 5.61 -85.43	174.74 13.48 0.00	173.04 13.04 -5.48	156.83 9.76 -31.32	148.67 10.36 -6.27	120.80 5.13 -53.05	98.13 5.24 -24.83	97.45 4.04 -38.25
KINTIGH____ 23543	86.48 -7.75 0.00	90.22 -8.30 0.00	88.28 -8.04 0.74	95.59 -8.71 0.00	101.28 -8.61 0.00	84.42 -6.15 -0.13	41.18 -2.56 -7.28	53.02 -4.06 -6.99	110.21 -9.90 9.94	115.39 -10.24 0.00	94.85 -6.96 -0.28	66.32 -4.77 -0.01	51.39 -4.15 -0.13	38.90 -3.50 -0.25	45.47 -4.17 -0.95	36.79 -3.21 -4.81	67.81 -6.11 -9.52	136.16 -17.00 8.11	103.35 -17.03 34.14	63.06 -12.52 40.16	66.20 -14.99 50.85	36.24 -6.77 19.62	38.66 -5.97 23.43	34.98 -4.50 15.69
KNTFSRNC_46_KV_46KV_LOAD 80397	93.86 -0.38 0.00	98.57 0.05 0.00	97.50 0.44 0.00	105.59 1.28 0.00	111.68 1.78 0.00	90.09 -0.36 0.00	35.82 -0.64 0.00	49.02 -1.08 0.00	128.24 -1.82 0.00	122.61 -3.03 0.00	98.74 -2.78 0.00	69.32 -1.76 0.00	54.29 -1.12 0.00	41.27 -0.88 0.00	48.11 -0.59 0.00	34.98 -0.20 0.00	64.77 0.37 0.00	162.91 1.65 0.00	156.91 2.40 0.00	117.47 1.72 0.00	133.89 1.85 0.00	63.22 0.59 0.00	68.78 0.72 0.00	56.23 1.07 0.00
LACHUTE__HYDRO 323717	104.38 10.15 0.00	108.95 10.43 0.00	107.95 10.89 0.00	115.95 11.64 0.00	121.94 12.04 0.00	105.54 11.50 -3.60	139.50 5.46 -97.59	236.63 7.93 -178.60	196.50 20.69 -45.75	143.11 17.47 0.00	118.31 14.21 -2.58	79.63 8.42 -0.13	62.89 6.27 -1.21	48.58 4.12 -2.31	62.98 5.54 -8.75	84.27 4.67 -44.42	181.21 9.10 -107.72	185.32 24.05 0.00	202.40 23.92 -23.96	238.44 18.74 -103.95	180.68 21.23 -27.40	193.27 9.67 -120.97	158.06 10.16 -79.85	192.70 7.60 -129.93
LAWRNCALV_115KV_TB1 80681	94.44 0.21 0.00	99.15 0.63 0.00	97.81 0.75 0.00	105.35 1.05 0.00	111.38 1.48 0.00	89.86 -0.59 0.00	35.70 -0.76 0.00	49.08 -1.02 0.00	127.93 -2.13 0.00	124.12 -1.52 0.00	99.88 -1.65 0.00	70.06 -1.01 0.00	54.59 -0.82 0.00	41.45 -0.70 0.00	47.74 -0.96 0.00	34.23 -0.96 0.00	63.17 -1.23 0.00	159.18 -2.08 0.00	152.58 -1.94 0.00	114.15 -1.59 0.00	130.62 -1.42 0.00	61.85 -0.78 0.00	67.54 -0.52 0.00	55.13 -0.04 0.00
LEDERLE____ 23769	99.53 5.29 0.00	103.39 4.87 0.00	101.68 4.62 0.00	109.23 4.93 0.00	114.40 4.51 0.00	98.08 4.89 -2.74	97.13 2.45 -58.22	147.17 3.55 -93.52	153.05 8.96 -14.04	134.51 8.87 0.00	111.17 7.67 -1.97	76.46 5.28 -0.10	60.58 4.25 -0.92	47.28 3.36 -1.76	59.29 3.92 -6.68	71.88 2.82 -33.88	151.48 4.93 -82.16	173.11 11.84 0.00	171.19 11.40 -5.28	154.50 8.61 -30.14	147.38 9.31 -6.03	118.24 4.56 -51.05	96.62 4.68 -23.88	95.43 3.48 -36.79
LIGHTRSE_115KV_TB6 355974	91.42 -2.82 0.00	95.35 -3.17 0.00	93.86 -3.20 0.00	100.90 -3.40 0.00	107.63 -2.27 0.00	89.09 -1.56 -0.20	39.83 -0.61 -3.99	55.19 -0.79 -5.88	128.97 -1.67 -0.58	124.20 -1.43 0.00	100.53 -1.15 -0.14	69.84 -1.25 -0.01	54.22 -1.25 -0.07	41.24 -1.04 -0.13	48.01 -1.17 -0.49	37.05 -0.62 -2.49	70.06 -0.36 -6.02	161.12 -0.15 0.00	154.26 -0.25 0.00	116.09 -0.41 -0.75	130.86 -1.19 0.00	64.39 -0.75 -2.52	67.33 -1.48 -0.74	55.13 -1.34 -1.31
LINDEN COGEN____ 23786	53.43 5.31 46.12	53.40 4.79 49.91	51.38 4.59 50.27	51.38 4.86 57.78	51.38 4.31 62.83	33.14 4.88 62.19	-209.60 2.39 248.44	-3.56 3.51 57.17	-1153.95 8.91 1292.91	-506.44 8.96 641.03	-12.27 7.74 121.53	9.51 5.44 67.01	-43.85 4.44 103.70	-2188.61 3.71 2234.47	-148.47 4.23 201.40	60.29 2.87 -22.24	137.19 4.87 -67.92	152.99 11.49 19.77	148.37 11.12 17.26	138.02 8.35 -13.92	125.08 8.92 15.89	105.57 4.40 -38.55	77.74 4.48 -5.19	87.91 3.34 -29.40
LINDHRST_69_KV_BK1 356055	102.29 8.05 0.00	106.10 7.58 0.00	104.20 7.14 0.00	112.06 7.76 0.00	117.13 7.23 0.00	105.21 7.65 -7.11	100.22 3.30 -60.47	151.73 4.50 -97.13	156.78 10.78 -15.94	137.17 10.68 -0.85	113.66 9.70 -2.43	78.13 6.86 -0.20	61.78 5.42 -0.96	49.11 4.12 -2.84	60.87 4.80 -7.38	74.17 3.44 -35.54	156.05 6.26 -85.39	175.81 14.54 0.00	173.82 13.82 -5.48	157.96 10.89 -31.32	150.43 12.12 -6.27	142.93 6.40 -73.90	126.84 6.71 -52.07	98.26 4.86 -38.24
LIPA_MISC_IPP 23656	102.11 7.87 0.00	105.91 7.39 0.00	104.06 7.00 0.00	112.38 8.07 0.00	117.23 7.33 0.00	105.35 7.79 -7.11	100.30 3.38 -60.47	151.34 4.11 -97.13	155.43 9.44 -15.94	135.38 8.89 -0.85	112.60 8.65 -2.43	77.22 5.95 -0.20	60.92 4.56 -0.96	48.40 3.44 -2.80	60.13 4.07 -7.37	73.49 2.78 -35.53	155.48 5.70 -85.39	174.28 13.01 0.00	172.51 12.51 -5.48	157.18 10.11 -31.32	149.58 11.26 -6.27	142.59 6.06 -73.90	126.35 6.22 -52.07	97.85 4.45 -38.24
LISF__SOLAR 323691	102.30 8.06 0.00	106.11 7.59 0.00	104.25 7.19 0.00	112.57 8.27 0.00	117.44 7.54 0.00	105.51 7.95 -7.11	100.38 3.46 -60.47	151.44 4.21 -97.13	155.70 9.71 -15.94	135.56 9.07 -0.85	112.72 8.76 -2.43	77.30 6.03 -0.20	60.99 4.63 -0.96	48.44 3.48 -2.80	60.19 4.13 -7.37	73.56 2.84 -35.53	155.63 5.85 -85.39	174.62 13.35 0.00	172.87 12.87 -5.48	157.47 10.40 -31.32	149.88 11.57 -6.27	142.70 6.18 -73.90	126.54 6.42 -52.07	97.98 4.57 -38.24

LITTLE FALLS___HYD 24013	96.83 2.59 0.00	101.10 2.58 0.00	99.50 2.44 0.00	106.91 2.61 0.00	111.86 1.96 0.00	93.12 2.68 0.00	38.70 2.25 0.00	53.29 3.20 0.00	138.07 8.02 0.00	130.69 5.06 0.00	104.89 3.36 0.00	72.69 1.61 0.00	56.57 1.17 0.00	42.90 0.74 0.00	50.17 1.48 0.00	36.62 1.44 0.00	68.90 4.50 0.00	174.30 13.03 0.00	167.64 13.13 0.00	125.59 9.84 0.00	142.24 10.19 0.00	67.37 4.74 0.00	72.95 4.88 0.00	58.81 3.65 0.00
LITTLRIV_115KV_TB1 356100	95.80 1.57 0.00	100.58 2.07 0.00	99.19 2.13 0.00	106.90 2.59 0.00	112.94 3.05 0.00	90.97 0.53 0.00	36.17 -0.28 0.00	49.74 -0.36 0.00	129.52 -0.54 0.00	125.37 -0.27 0.00	100.63 -0.90 0.00	70.56 -0.52 0.00	54.93 -0.47 0.00	41.69 -0.46 0.00	47.94 -0.76 0.00	34.41 -0.77 0.00	63.87 -0.53 0.00	161.20 -0.07 0.00	154.48 -0.04 0.00	115.57 -0.18 0.00	132.28 0.24 0.00	62.59 -0.04 0.00	68.38 0.31 0.00	55.82 0.65 0.00
LI_NEWBRDGE___DRP 323616	100.71 6.48 0.00	104.53 6.01 0.00	102.72 5.67 0.00	110.49 6.19 0.00	115.52 5.62 0.00	103.68 6.13 -7.11	99.63 2.71 -60.47	151.01 3.78 -97.13	155.12 9.12 -15.94	135.58 9.10 -0.85	112.28 8.32 -2.43	77.15 5.87 -0.20	61.09 4.73 -0.96	48.70 3.69 -2.86	60.38 4.29 -7.39	73.76 3.02 -35.55	155.13 5.33 -85.40	173.66 12.39 0.00	171.73 11.73 -5.48	156.28 9.21 -31.32	148.44 10.13 -6.27	141.83 5.31 -73.90	125.63 5.50 -52.07	97.38 3.98 -38.24
LOCKPORT_115KV_TB60_63_64 80432	85.40 -8.83 0.00	89.06 -9.46 0.00	87.04 -9.14 0.88	94.33 -9.97 0.00	100.03 -9.86 0.00	83.63 -6.94 -0.12	41.15 -3.13 -7.83	52.43 -4.77 -7.10	106.45 -11.84 11.77	113.00 -12.63 0.00	93.00 -8.83 -0.30	65.07 -6.02 -0.02	50.29 -5.26 -0.14	38.02 -4.41 -0.27	44.46 -5.27 -1.03	36.30 -4.11 -5.22	66.91 -7.72 -10.23	131.99 -20.91 8.37	100.49 -20.61 33.41	57.48 -15.24 43.03	58.27 -17.91 55.87	31.85 -8.13 22.64	33.60 -6.73 27.73	31.07 -5.08 19.02
LOCKPORT___CC1 323769	84.87 -9.37 0.00	88.50 -10.02 0.00	86.47 -9.69 0.89	93.75 -10.55 0.00	99.42 -10.47 0.00	83.13 -7.43 -0.12	41.06 -3.28 -7.89	51.92 -5.08 -6.90	105.21 -12.49 12.35	112.43 -13.21 0.00	92.60 -9.23 -0.31	64.80 -6.30 -0.02	50.08 -5.47 -0.14	37.86 -4.57 -0.27	44.28 -5.45 -1.04	36.18 -4.27 -5.26	66.33 -7.94 -9.88	125.69 -21.56 14.02	59.34 -21.25 73.92	24.02 -15.79 75.94	26.15 -18.48 87.41	18.69 -8.38 35.55	29.26 -7.08 31.71	30.29 -5.47 19.40
LOCKPORT___CC2 323770	84.87 -9.37 0.00	88.50 -10.02 0.00	86.47 -9.69 0.89	93.75 -10.55 0.00	99.42 -10.47 0.00	83.13 -7.43 -0.12	41.06 -3.28 -7.89	51.92 -5.08 -6.90	105.21 -12.49 12.35	112.43 -13.21 0.00	92.60 -9.23 -0.31	64.80 -6.30 -0.02	50.08 -5.47 -0.14	37.86 -4.57 -0.27	44.28 -5.45 -1.04	36.18 -4.27 -5.26	66.33 -7.94 -9.88	125.69 -21.56 14.02	59.34 -21.25 73.92	24.02 -15.79 75.94	26.15 -18.48 87.41	18.69 -8.38 35.55	29.26 -7.08 31.71	30.29 -5.47 19.40
LOCKPORT___CC3 323771	84.87 -9.37 0.00	88.50 -10.02 0.00	86.47 -9.69 0.89	93.75 -10.55 0.00	99.42 -10.47 0.00	83.13 -7.43 -0.12	41.06 -3.28 -7.89	51.92 -5.08 -6.90	105.21 -12.49 12.35	112.43 -13.21 0.00	92.60 -9.23 -0.31	64.80 -6.30 -0.02	50.08 -5.47 -0.14	37.86 -4.57 -0.27	44.28 -5.45 -1.04	36.18 -4.27 -5.26	66.33 -7.94 -9.88	125.69 -21.56 14.02	59.34 -21.25 73.92	24.02 -15.79 75.94	26.15 -18.48 87.41	18.69 -8.38 35.55	29.26 -7.08 31.71	30.29 -5.47 19.40
LONG_LAKE_PHOENIX 24014	91.54 -2.70 0.00	95.52 -3.00 0.00	94.05 -3.01 0.00	101.06 -3.24 0.00	106.66 -3.23 0.00	88.41 -2.26 -0.23	40.22 -0.71 -4.48	55.66 -1.04 -6.60	128.01 -2.69 -0.65	122.69 -2.95 0.00	99.57 -2.12 -0.16	69.44 -1.64 -0.01	54.09 -1.39 -0.08	41.28 -1.02 -0.14	48.07 -1.18 -0.55	37.32 -0.65 -2.79	69.92 -1.25 -6.76	157.94 -3.33 0.00	151.30 -3.21 0.00	114.16 -2.43 -0.84	128.90 -3.15 0.00	63.95 -1.50 -2.83	67.19 -1.71 -0.83	55.18 -1.45 -1.47
LOVETT___3 23632	99.05 4.81 0.00	102.90 4.38 0.00	101.21 4.15 0.00	108.72 4.41 0.00	113.85 3.96 0.00	97.61 4.41 -2.75	97.14 2.24 -58.45	147.23 3.25 -93.88	152.29 8.14 -14.09	133.74 8.10 0.00	110.55 7.05 -1.98	76.04 4.86 -0.10	60.26 3.93 -0.93	47.05 3.13 -1.76	59.04 3.64 -6.70	71.78 2.59 -34.01	151.38 4.50 -82.48	172.10 10.83 0.00	170.23 10.42 -5.30	153.89 7.88 -30.26	146.58 8.48 -6.06	118.07 4.19 -51.25	96.33 4.30 -23.97	95.26 3.16 -36.93
LOVETT___4 23642	99.05 4.81 0.00	102.90 4.38 0.00	101.21 4.15 0.00	108.72 4.41 0.00	113.85 3.96 0.00	97.61 4.41 -2.75	97.14 2.24 -58.45	147.23 3.25 -93.88	152.29 8.14 -14.09	133.74 8.10 0.00	110.55 7.05 -1.98	76.04 4.86 -0.10	60.26 3.93 -0.93	47.05 3.13 -1.76	59.04 3.64 -6.70	71.78 2.59 -34.01	151.38 4.50 -82.48	172.10 10.83 0.00	170.23 10.42 -5.30	153.89 7.88 -30.26	146.58 8.48 -6.06	118.07 4.19 -51.25	96.33 4.30 -23.97	95.26 3.16 -36.93
LOVETT___5 23593	99.05 4.81 0.00	102.90 4.38 0.00	101.21 4.15 0.00	108.72 4.41 0.00	113.85 3.96 0.00	97.61 4.41 -2.75	97.14 2.24 -58.45	147.23 3.25 -93.88	152.29 8.14 -14.09	133.74 8.10 0.00	110.55 7.05 -1.98	76.04 4.86 -0.10	60.26 3.93 -0.93	47.05 3.13 -1.76	59.04 3.64 -6.70	71.78 2.59 -34.01	151.38 4.50 -82.48	172.10 10.83 0.00	170.23 10.42 -5.30	153.89 7.88 -30.26	146.58 8.48 -6.06	118.07 4.19 -51.25	96.33 4.30 -23.97	95.26 3.16 -36.93
LOWER RAQUET___HYD 24057	94.38 0.15 0.00	99.07 0.55 0.00	97.73 0.67 0.00	105.29 0.99 0.00	111.34 1.44 0.00	89.69 -0.75 0.00	35.62 -0.83 0.00	49.02 -1.07 0.00	127.77 -2.29 0.00	124.12 -1.52 0.00	99.92 -1.61 0.00	70.09 -0.99 0.00	54.56 -0.84 0.00	41.42 -0.74 0.00	47.69 -1.01 0.00	34.14 -1.05 0.00	63.11 -1.29 0.00	159.12 -2.15 0.00	152.52 -2.00 0.00	114.09 -1.66 0.00	130.50 -1.54 0.00	61.80 -0.83 0.00	67.53 -0.54 0.00	55.17 0.01 0.00
LOWER___HUDSON 24059	99.09 4.85 0.00	103.23 4.72 0.00	101.78 4.72 0.00	109.32 5.01 0.00	114.91 5.02 0.00	98.81 4.83 -3.53	130.66 2.15 -92.06	218.64 2.96 -165.58	177.89 7.64 -40.19	132.71 7.08 0.00	110.10 6.04 -2.53	75.18 3.97 -0.13	59.69 3.09 -1.19	46.61 2.20 -2.26	60.06 2.78 -8.59	80.86 2.12 -43.55	173.96 3.93 -105.64	170.34 9.07 0.00	184.08 8.97 -20.59	213.67 6.97 -90.95	163.32 7.73 -23.55	175.87 3.82 -109.42	142.30 4.22 -70.02	171.90 3.28 -113.45
LOWVILLE_115KV_TB2 356335	92.77 -1.47 0.00	96.88 -1.64 0.00	95.44 -1.62 0.00	102.77 -1.53 0.00	111.49 1.59 0.00	91.76 1.22 -0.10	38.50 0.11 -1.94	53.28 0.33 -2.86	132.46 2.12 -0.28	129.30 3.67 0.00	104.73 3.14 -0.07	72.51 1.42 0.00	55.95 0.51 -0.03	42.38 0.16 -0.06	49.01 0.08 -0.24	36.58 0.19 -1.21	69.62 2.29 -2.93	169.31 8.04 0.00	162.12 7.61 0.00	121.19 5.08 -0.36	136.56 4.52 0.00	65.42 1.57 -1.22	68.68 0.25 -0.36	55.84 0.04 -0.64
LUTHERFT_115KV_GLOB_FND_222 355753	100.38 6.15 0.00	104.67 6.15 0.00	103.16 6.10 0.00	110.85 6.55 0.00	116.62 6.73 0.00	100.34 6.30 -3.59	136.49 2.83 -97.21	231.74 3.93 -177.72	185.56 10.13 -45.38	134.63 9.00 0.00	111.32 7.22 -2.57	75.85 4.64 -0.13	60.19 3.58 -1.21	47.02 2.57 -2.30	60.69 3.26 -8.74	82.17 2.64 -44.35	177.13 5.17 -107.56	173.91 12.64 0.00	190.54 12.29 -23.73	228.14 9.32 -103.08	169.53 10.34 -27.14	187.80 4.98 -120.19	152.56 5.31 -79.19	188.11 4.12 -128.83

LUTHERNY_35_KV_BK2 355980	100.46 6.23 0.00	104.77 6.25 0.00	103.25 6.19 0.00	110.93 6.63 0.00	116.69 6.80 0.00	100.43 6.39 -3.59	136.51 2.85 -97.21	231.75 3.94 -177.72	185.71 10.28 -45.38	134.72 9.09 0.00	111.38 7.28 -2.57	75.89 4.68 -0.13	60.22 3.61 -1.21	47.05 2.59 -2.30	60.73 3.29 -8.74	82.23 2.70 -44.35	177.21 5.25 -107.56	174.05 12.79 0.00	190.56 12.31 -23.73	228.20 9.37 -103.08	169.57 10.38 -27.14	187.83 5.02 -120.19	152.60 5.35 -79.19	188.17 4.18 -128.83
LWR___OSWEGATCHIE_HYD 23850	93.44 -0.80 0.00	97.85 -0.67 0.00	96.43 -0.63 0.00	103.87 -0.43 0.00	111.16 1.26 0.00	90.45 -0.07 -0.07	37.44 -0.45 -1.44	51.74 -0.48 -2.13	129.89 -0.38 -0.21	126.44 0.80 0.00	102.10 0.52 -0.05	71.06 -0.02 0.00	55.08 -0.35 -0.02	41.77 -0.43 -0.05	48.19 -0.68 -0.18	35.51 -0.57 -0.90	66.90 0.32 -2.18	163.84 2.57 0.00	156.96 2.45 0.00	117.47 1.44 -0.27	133.16 1.12 0.00	63.78 0.24 -0.91	68.07 -0.26 -0.27	55.53 -0.11 -0.47
LYONS_FALL_HYD 23570	94.29 0.06 0.00	98.47 -0.05 0.00	96.98 -0.08 0.00	104.37 0.07 0.00	112.01 2.12 0.00	92.40 1.86 -0.09	38.86 0.60 -1.82	53.71 0.93 -2.68	133.61 3.29 -0.26	129.74 4.11 0.00	105.03 3.43 -0.07	72.90 1.82 0.00	56.44 1.00 -0.03	42.85 0.63 -0.06	49.61 0.69 -0.22	36.95 0.63 -1.13	69.60 2.46 -2.75	168.91 7.64 0.00	161.78 7.27 0.00	121.05 4.96 -0.34	136.76 4.72 0.00	65.67 1.90 -1.15	69.46 1.06 -0.34	56.45 0.69 -0.60
MADISON___COUNTY_LFGE 323628	95.91 1.67 0.00	100.26 1.75 0.00	98.84 1.78 0.00	106.28 1.98 0.00	112.44 2.55 0.00	93.29 2.69 -0.16	40.95 1.29 -3.22	56.62 1.78 -4.75	135.30 4.78 -0.47	129.93 4.29 0.00	105.07 3.42 -0.12	72.98 1.89 -0.01	56.77 1.31 -0.06	43.25 0.99 -0.10	50.34 1.25 -0.39	38.26 1.07 -2.01	71.77 2.51 -4.86	168.04 6.77 0.00	160.90 6.38 0.00	120.84 4.49 -0.60	136.57 4.53 0.00	66.71 2.05 -2.03	70.57 1.91 -0.60	57.56 1.34 -1.06
MALONE___115KV_TB1 356076	94.40 0.17 0.00	99.10 0.58 0.00	97.92 0.86 0.00	106.07 1.77 0.00	112.17 2.27 0.00	90.64 0.20 0.00	36.01 -0.44 0.00	49.52 -0.57 0.00	129.54 -0.52 0.00	124.61 -1.02 0.00	100.35 -1.18 0.00	70.43 -0.65 0.00	54.94 -0.46 0.00	41.78 -0.38 0.00	48.42 -0.27 0.00	35.06 -0.13 0.00	64.87 0.47 0.00	163.11 1.85 0.00	156.90 2.38 0.00	117.44 1.69 0.00	134.09 2.05 0.00	63.37 0.74 0.00	69.06 1.00 0.00	56.28 1.12 0.00
MAPLEWOD_115KV_TB3 80458	98.50 4.27 0.00	102.64 4.13 0.00	101.14 4.08 0.00	108.66 4.36 0.00	114.20 4.31 0.00	98.16 4.20 -3.51	125.89 1.87 -87.56	206.77 2.53 -154.15	171.46 6.56 -34.84	131.89 6.25 0.00	109.49 5.45 -2.51	74.85 3.64 -0.13	59.49 2.91 -1.18	46.48 2.08 -2.25	59.71 2.48 -8.54	80.33 1.84 -43.30	172.77 3.35 -105.02	169.00 7.74 0.00	179.41 7.62 -17.28	199.92 5.83 -78.34	158.23 6.43 -19.76	164.47 3.19 -98.65	132.17 3.58 -60.52	155.63 2.94 -97.52
MAPLE_RIDGE_WT_1 323574	91.68 -2.56 0.00	95.95 -2.57 0.00	94.65 -2.41 0.00	102.19 -2.11 0.00	108.91 -0.99 0.00	89.70 -0.75 0.00	35.72 -0.73 0.00	49.04 -1.06 0.00	128.38 -1.67 0.00	123.90 -1.73 0.00	100.33 -1.19 0.00	70.06 -1.02 0.00	54.45 -0.95 0.00	41.34 -0.82 0.00	47.67 -1.02 0.00	34.47 -0.71 0.00	63.63 -0.77 0.00	160.15 -1.12 0.00	153.52 -0.99 0.00	114.89 -0.86 0.00	130.94 -1.10 0.00	61.91 -0.71 0.00	66.73 -1.33 0.00	53.70 -1.47 0.00
MAPLE_RIDGE_WT_2 323611	91.68 -2.56 0.00	95.95 -2.57 0.00	94.65 -2.41 0.00	102.19 -2.11 0.00	108.91 -0.99 0.00	89.70 -0.75 0.00	35.72 -0.73 0.00	49.04 -1.06 0.00	128.38 -1.67 0.00	123.90 -1.73 0.00	100.33 -1.19 0.00	70.06 -1.02 0.00	54.45 -0.95 0.00	41.34 -0.82 0.00	47.67 -1.02 0.00	34.47 -0.71 0.00	63.63 -0.77 0.00	160.15 -1.12 0.00	153.52 -0.99 0.00	114.89 -0.86 0.00	130.94 -1.10 0.00	61.91 -0.71 0.00	66.73 -1.33 0.00	53.70 -1.47 0.00
MARBLE_RIVER_WT_PWR 323696	92.16 -2.08 0.00	96.82 -1.70 0.00	95.77 -1.29 0.00	103.84 -0.46 0.00	109.86 -0.03 0.00	88.70 -1.74 0.00	35.19 -1.27 0.00	48.32 -1.77 0.00	126.27 -3.79 0.00	120.92 -4.71 0.00	97.50 -4.03 0.00	68.47 -2.61 0.00	53.59 -1.82 0.00	40.80 -1.36 0.00	47.44 -1.26 0.00	34.45 -0.74 0.00	63.65 -0.74 0.00	160.14 -1.12 0.00	153.85 -0.66 0.00	115.18 -0.56 0.00	131.38 -0.66 0.00	62.13 -0.50 0.00	67.63 -0.44 0.00	55.19 0.03 0.00
MARSHVLE_115KV_TB1 80742	98.07 3.84 0.00	102.55 4.03 0.00	101.05 3.99 0.00	108.76 4.46 0.00	114.86 4.97 0.00	98.54 4.06 -4.03	142.52 2.03 -104.05	238.39 3.01 -185.28	181.49 7.33 -44.11	129.73 4.09 0.00	107.12 2.70 -2.89	72.99 1.76 -0.15	57.99 1.23 -1.36	45.77 1.03 -2.58	59.93 1.43 -9.81	86.25 1.30 -49.76	188.96 3.89 -120.68	173.27 12.00 0.00	188.28 11.77 -21.99	222.51 8.64 -98.13	166.39 9.20 -25.15	186.75 3.97 -120.15	148.10 4.05 -75.99	182.23 2.98 -124.09
MARSH_HILL_WT_PWR 323713	87.10 -7.13 0.00	90.29 -8.23 0.00	83.89 -10.67 2.50	92.59 -11.71 0.00	98.02 -11.87 0.00	81.66 -8.52 0.27	42.63 -3.43 -9.61	42.11 -5.28 2.70	75.40 -12.04 42.62	116.18 -9.45 0.00	96.69 -5.25 -0.42	67.65 -3.45 -0.02	51.78 -3.82 -0.20	39.23 -3.30 -0.37	45.84 -4.27 -1.42	39.61 -2.79 -7.22	70.90 -3.86 -10.37	125.06 -9.75 26.46	94.96 -10.14 49.42	44.90 -10.02 60.82	34.09 -12.51 85.44	31.50 -6.06 25.07	-4.00 -5.58 66.48	-8.74 -5.16 58.75
MCINTYRE_115KV_TB2 80467	96.63 2.40 0.00	101.47 2.95 0.00	100.07 3.01 0.00	107.84 3.54 0.00	113.97 4.07 0.00	91.99 1.55 0.00	36.58 0.13 0.00	50.30 0.21 0.00	130.82 0.76 0.00	125.90 0.26 0.00	100.64 -0.89 0.00	70.61 -0.47 0.00	55.01 -0.40 0.00	41.76 -0.39 0.00	48.06 -0.64 0.00	34.57 -0.61 0.00	64.39 0.00 0.00	162.66 1.40 0.00	155.85 1.33 0.00	116.57 0.82 0.00	133.52 1.48 0.00	63.12 0.49 0.00	68.87 0.80 0.00	56.17 1.01 0.00
MECO_____69_KV_BK1 80468	100.21 5.97 0.00	104.63 6.11 0.00	103.05 5.99 0.00	110.88 6.58 0.00	116.95 7.05 0.00	100.48 6.16 -3.88	142.12 2.90 -102.77	239.81 4.17 -185.54	186.25 10.25 -45.94	132.34 6.71 0.00	108.66 4.35 -2.78	73.60 2.38 -0.14	58.24 1.53 -1.31	45.81 1.17 -2.49	59.56 1.43 -9.44	84.65 1.57 -47.90	185.64 5.07 -116.17	176.60 15.33 0.00	192.95 14.97 -23.48	230.00 11.08 -103.17	170.85 11.96 -26.85	190.98 5.38 -122.97	153.19 5.53 -79.59	189.23 4.18 -129.89
MENANDS___115KV_TB5 355628	98.01 3.78 0.00	102.15 3.63 0.00	100.66 3.60 0.00	108.12 3.82 0.00	113.62 3.72 0.00	97.60 3.66 -3.50	124.52 1.62 -86.45	203.64 2.16 -151.38	169.20 5.56 -33.58	131.13 5.50 0.00	108.93 4.89 -2.51	74.50 3.29 -0.13	59.24 2.66 -1.18	46.29 1.90 -2.24	59.43 2.22 -8.52	79.97 1.58 -43.21	171.94 2.75 -104.80	167.40 6.14 0.00	177.03 6.02 -16.49	195.79 4.67 -75.37	156.04 5.13 -18.86	161.37 2.65 -96.09	129.37 3.03 -58.28	151.49 2.57 -93.76
MG INDUSTRY___DRP 24185	97.65 3.41 0.00	101.90 3.39 0.00	100.43 3.37 0.00	107.91 3.61 0.00	113.45 3.56 0.00	97.29 3.42 -3.42	116.06 1.49 -78.12	183.09 1.95 -131.05	159.38 4.83 -24.50	130.19 4.56 0.00	107.86 3.87 -2.46	73.70 2.50 -0.13	58.50 1.94 -1.15	45.71 1.36 -2.19	58.58 1.55 -8.34	78.68 1.20 -42.30	169.29 2.30 -102.58	166.62 5.35 0.00	170.61 5.16 -10.93	173.78 3.98 -54.05	148.90 4.36 -12.50	142.37 2.23 -77.51	112.80 2.54 -42.19	124.16 2.22 -66.78

MID___OSWEGATCHIE_HYD 23849	93.44 -0.80 0.00	97.85 -0.67 0.00	96.43 -0.63 0.00	103.87 -0.43 0.00	111.16 1.26 0.00	90.45 -0.07 -0.07	37.44 -0.45 -1.44	51.74 -0.48 -2.13	129.89 -0.38 -0.21	126.44 0.80 0.00	102.10 0.52 -0.05	71.06 -0.02 0.00	55.08 -0.35 -0.02	41.77 -0.43 -0.05	48.19 -0.68 -0.18	35.51 -0.57 -0.90	66.90 0.32 -2.18	163.84 2.57 0.00	156.96 2.45 0.00	117.47 1.44 -0.27	133.16 1.12 0.00	63.78 0.24 -0.91	68.07 -0.26 -0.27	55.53 -0.11 -0.47
MID___RAQUETTE_HYD 23851	94.37 0.14 0.00	99.06 0.55 0.00	97.72 0.67 0.00	105.30 0.99 0.00	111.34 1.44 0.00	89.69 -0.75 0.00	35.62 -0.83 0.00	49.00 -1.10 0.00	127.76 -2.30 0.00	124.12 -1.52 0.00	99.92 -1.61 0.00	70.09 -0.99 0.00	54.56 -0.84 0.00	41.42 -0.74 0.00	47.68 -1.01 0.00	34.14 -1.05 0.00	63.12 -1.28 0.00	159.10 -2.17 0.00	152.52 -2.00 0.00	114.07 -1.67 0.00	130.50 -1.54 0.00	61.81 -0.82 0.00	67.52 -0.54 0.00	55.14 -0.02 0.00
MILLIKEN___1 23584	94.35 0.12 0.00	98.49 -0.02 0.00	100.10 -0.13 -3.17	104.14 -0.17 0.00	109.83 -0.07 0.00	92.61 0.51 -1.66	52.69 0.48 -15.76	96.80 0.66 -46.04	185.97 1.82 -54.10	127.40 1.76 0.00	103.33 1.39 -0.41	71.61 0.52 -0.02	55.75 0.15 -0.19	42.61 0.09 -0.37	50.24 0.16 -1.39	42.55 0.32 -7.05	91.63 1.10 -26.13	198.11 3.03 -33.81	280.02 2.80 -122.71	280.14 2.00 -162.40	319.28 1.63 -185.61	167.19 0.63 -103.94	180.67 0.60 -112.01	150.30 0.29 -94.85
MILLIKEN___2 23585	94.35 0.12 0.00	98.49 -0.02 0.00	100.10 -0.13 -3.17	104.14 -0.17 0.00	109.83 -0.07 0.00	92.61 0.51 -1.66	52.69 0.48 -15.76	96.80 0.66 -46.04	185.97 1.82 -54.10	127.40 1.76 0.00	103.33 1.39 -0.41	71.61 0.52 -0.02	55.75 0.15 -0.19	42.61 0.09 -0.37	50.24 0.16 -1.39	42.55 0.32 -7.05	91.63 1.10 -26.13	198.11 3.03 -33.81	280.02 2.80 -122.71	280.14 2.00 -162.40	319.28 1.63 -185.61	167.19 0.63 -103.94	180.67 0.60 -112.01	150.30 0.29 -94.85
MILLIKEN___DIESEL 23629	94.35 0.12 0.00	98.49 -0.02 0.00	100.10 -0.13 -3.17	104.14 -0.17 0.00	109.83 -0.07 0.00	92.61 0.51 -1.66	52.69 0.48 -15.76	96.80 0.66 -46.04	185.97 1.82 -54.10	127.40 1.76 0.00	103.33 1.39 -0.41	71.61 0.52 -0.02	55.75 0.15 -0.19	42.61 0.09 -0.37	50.24 0.16 -1.39	42.55 0.32 -7.05	91.63 1.10 -26.13	198.11 3.03 -33.81	280.02 2.80 -122.71	280.14 2.00 -162.40	319.28 1.63 -185.61	167.19 0.63 -103.94	180.67 0.60 -112.01	150.30 0.29 -94.85
MILLSEAT___LFGE 323607	87.97 -6.27 0.00	91.72 -6.80 0.00	89.67 -6.57 0.82	97.16 -7.15 0.00	103.01 -6.89 0.00	86.12 -4.45 -0.13	42.09 -1.95 -7.59	54.03 -3.11 -7.04	111.64 -7.41 11.01	117.03 -8.61 0.00	95.87 -5.95 -0.29	66.85 -4.25 -0.02	51.59 -3.95 -0.14	39.05 -3.37 -0.26	45.87 -3.82 -0.99	37.30 -2.93 -5.04	69.02 -5.32 -9.94	138.85 -14.46 7.95	108.98 -14.39 31.14	65.40 -10.73 39.62	67.49 -12.93 51.62	36.38 -5.83 20.42	37.76 -4.63 25.67	33.93 -3.60 17.64
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	99.61 5.38 0.00	103.49 4.97 0.00	101.78 4.72 0.00	109.31 5.00 0.00	114.51 4.62 0.00	98.23 4.95 -2.83	99.00 2.42 -60.13	150.19 3.50 -96.59	153.40 8.84 -14.51	134.37 8.74 0.00	111.16 7.60 -2.03	76.46 5.27 -0.11	60.62 4.26 -0.95	47.35 3.38 -1.82	59.52 3.93 -6.90	72.95 2.79 -34.98	154.08 4.84 -84.84	172.80 11.54 0.00	171.11 11.14 -5.46	155.31 8.42 -31.15	147.38 9.10 -6.24	119.87 4.50 -52.74	97.41 4.67 -24.68	96.65 3.46 -38.03
MILLWOOD_13_KV_LOAD 356217	99.74 5.50 0.00	103.60 5.09 0.00	101.89 4.83 0.00	109.45 5.15 0.00	114.65 4.75 0.00	98.36 5.08 -2.83	99.06 2.48 -60.13	150.27 3.58 -96.59	153.60 9.04 -14.51	134.57 8.93 0.00	111.30 7.74 -2.03	76.55 5.37 -0.11	60.69 4.33 -0.95	47.41 3.44 -1.82	59.59 4.00 -6.90	73.00 2.84 -34.98	154.19 4.95 -84.84	173.10 11.83 0.00	171.41 11.43 -5.46	155.53 8.63 -31.15	147.61 9.33 -6.24	119.99 4.62 -52.74	97.52 4.78 -24.68	96.74 3.55 -38.03
MODEL_CITY_ENERGY 24167	84.82 -9.41 0.00	88.46 -10.06 0.00	86.44 -9.71 0.91	93.73 -10.58 0.00	99.37 -10.53 0.00	83.09 -7.48 -0.12	41.00 -3.43 -7.98	52.01 -5.23 -7.14	104.96 -12.91 12.19	111.84 -13.80 0.00	92.17 -9.67 -0.31	64.54 -6.56 -0.02	49.87 -5.68 -0.14	37.71 -4.72 -0.28	44.09 -5.65 -1.05	36.04 -4.47 -5.33	66.43 -8.33 -10.36	129.56 -22.56 9.15	93.91 -22.31 38.29	51.62 -16.49 47.64	52.17 -19.14 60.73	29.21 -8.64 24.78	31.81 -7.17 29.08	29.94 -5.48 19.74
MODERN_LFGE___ 323580	84.82 -9.41 0.00	88.46 -10.06 0.00	86.44 -9.71 0.91	93.73 -10.58 0.00	99.37 -10.53 0.00	83.09 -7.48 -0.12	41.00 -3.43 -7.98	52.01 -5.23 -7.14	104.96 -12.91 12.19	111.84 -13.80 0.00	92.17 -9.67 -0.31	64.54 -6.56 -0.02	49.87 -5.68 -0.14	37.71 -4.72 -0.28	44.09 -5.65 -1.05	36.04 -4.47 -5.33	66.43 -8.33 -10.36	129.56 -22.56 9.15	93.91 -22.31 38.29	51.62 -16.49 47.64	52.17 -19.14 60.73	29.21 -8.64 24.78	31.81 -7.17 29.08	29.94 -5.48 19.74
MOHAWK_PAPER___DRP 24187	98.50 4.27 0.00	102.64 4.13 0.00	101.14 4.08 0.00	108.66 4.36 0.00	114.20 4.31 0.00	98.16 4.20 -3.51	125.89 1.87 -87.56	206.77 2.53 -154.15	171.46 6.56 -34.84	131.89 6.25 0.00	109.49 5.45 -2.51	74.85 3.64 -0.13	59.49 2.91 -1.18	46.48 2.08 -2.25	59.71 2.48 -8.54	80.33 1.84 -43.30	172.77 3.35 -105.02	169.00 7.74 0.00	179.41 7.62 -17.28	199.92 5.83 -78.34	158.23 6.43 -19.76	164.47 3.19 -98.65	132.17 3.58 -60.52	155.63 2.94 -97.52
MOHICAN___35_KV_115KV_LD 80490	102.22 7.98 0.00	106.58 8.06 0.00	105.21 8.16 0.00	113.05 8.74 0.00	118.91 9.02 0.00	102.47 8.43 -3.59	137.63 3.86 -97.31	233.48 5.43 -177.95	189.61 14.08 -45.47	138.02 12.38 0.00	113.84 9.74 -2.58	77.28 6.07 -0.13	61.24 4.62 -1.21	47.69 3.23 -2.30	61.63 4.19 -8.75	83.02 3.47 -44.37	178.88 6.88 -107.60	178.48 17.22 0.00	195.26 16.96 -23.79	231.90 12.85 -103.31	173.61 14.35 -27.21	189.77 6.75 -120.40	154.54 7.12 -79.36	189.79 5.51 -129.12
MONGAUP___HYD 23641	99.41 5.17 0.00	103.39 4.88 0.00	101.67 4.61 0.00	109.22 4.92 0.00	114.62 4.72 0.00	97.90 4.85 -2.60	93.80 2.08 -55.26	141.87 3.02 -88.76	150.81 7.44 -13.32	133.17 7.54 0.00	109.73 6.33 -1.87	74.56 3.39 -0.10	58.97 2.69 -0.88	46.16 2.34 -1.67	57.52 2.49 -6.34	69.15 1.81 -32.16	146.44 4.06 -77.99	171.59 10.32 0.00	169.68 10.16 -5.00	151.94 7.60 -28.60	145.93 8.17 -5.72	115.04 3.97 -48.45	95.25 4.53 -22.66	93.47 3.40 -34.90
MONTAUK___DIESEL 23721	104.75 10.52 0.00	108.59 10.07 0.00	106.69 9.63 0.00	115.37 11.06 0.00	120.49 10.59 0.00	108.19 10.63 -7.11	101.54 4.61 -60.47	153.00 5.78 -97.13	159.39 13.40 -15.94	138.74 12.26 -0.85	115.21 11.25 -2.43	78.81 7.54 -0.20	62.14 5.77 -0.96	49.36 4.40 -2.80	61.22 5.16 -7.37	74.32 3.61 -35.53	156.96 7.17 -85.39	176.44 15.17 0.00	175.60 15.60 -5.48	161.09 14.02 -31.32	154.51 16.20 -6.27	144.88 8.36 -73.90	128.74 8.61 -52.07	99.19 5.79 -38.24
MOONROAD_115KV_HARTFLD_TB1-2 355988	83.93 -10.31 0.00	87.71 -10.81 0.00	85.61 -10.27 1.17	93.77 -10.53 0.00	100.06 -9.83 0.00	83.88 -6.65 -0.09	42.81 -2.65 -9.01	54.00 -3.63 -7.54	106.72 -8.35 14.99	117.33 -8.31 0.00	97.83 -4.05 -0.35	68.60 -2.49 -0.02	52.66 -2.91 -0.17	39.82 -2.65 -0.32	47.19 -2.70 -1.20	39.24 -2.04 -6.09	71.19 -4.61 -11.40	126.97 -16.19 18.10	57.31 -17.93 79.27	32.30 -13.82 69.62	35.97 -16.96 79.11	22.64 -7.41 32.58	23.21 -7.00 37.84	23.71 -5.21 26.24

MORRIS_RIDGE___SOLAR 323848	86.37 -7.86 0.00	89.87 -8.65 0.00	86.10 -9.31 1.64	94.25 -10.05 0.00	99.87 -10.03 0.00	83.38 -7.07 0.00	43.90 -2.82 -10.27	51.41 -4.31 -5.62	95.48 -10.27 24.30	116.64 -8.99 0.00	96.25 -5.68 -0.40	66.92 -4.18 -0.02	51.48 -4.12 -0.19	39.03 -3.49 -0.36	45.99 -4.08 -1.38	39.42 -2.75 -6.98	72.12 -4.51 -12.23	131.60 -12.05 17.62	22.06 -12.51 119.95	-42.59 -10.34 148.00	-54.24 -12.52 173.76	-30.37 -5.86 87.14	-4.69 -5.75 67.00	11.58 -4.73 38.85
MORTIMER_115KV_TB3 55949	89.57 -4.66 0.00	93.42 -5.10 0.00	91.52 -4.94 0.59	98.96 -5.35 0.00	104.73 -5.17 0.00	87.21 -3.38 -0.15	41.46 -1.25 -6.26	53.35 -2.05 -5.30	116.67 -4.87 8.52	120.25 -5.38 0.00	98.30 -3.47 -0.25	68.66 -2.43 -0.01	53.23 -2.29 -0.12	40.36 -2.02 -0.22	47.18 -2.36 -0.85	37.79 -1.70 -4.30	69.94 -3.21 -8.75	146.02 -9.01 6.23	124.19 -9.15 21.18	82.46 -6.75 26.53	90.44 -8.42 33.19	46.46 -3.84 12.33	46.19 -3.37 18.49	38.59 -2.62 13.94
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	100.19 5.96 0.00	104.00 5.48 0.00	102.34 5.28 0.00	109.89 5.59 0.00	115.05 5.16 0.00	98.77 5.48 -2.85	99.59 2.65 -60.49	151.11 3.84 -97.17	155.73 9.74 -15.93	136.17 9.70 -0.84	112.34 8.39 -2.42	77.17 5.90 -0.20	61.16 4.79 -0.96	48.99 3.88 -2.95	60.59 4.47 -7.44	73.89 3.11 -35.60	155.17 5.33 -85.44	173.99 12.73 0.00	172.24 12.24 -5.49	156.26 9.18 -31.33	148.25 9.93 -6.28	120.55 4.87 -53.05	97.90 5.01 -24.83	97.20 3.78 -38.26
MUNSVILLE_WIND_PWR 323609	96.95 2.72 0.00	101.72 3.20 0.00	102.12 3.46 -1.59	106.83 2.53 0.00	112.51 2.62 0.00	94.73 2.86 -1.43	59.49 1.71 -21.32	97.93 2.20 -45.63	167.51 6.16 -31.29	131.46 5.83 0.00	106.93 4.77 -0.63	73.69 2.58 -0.03	56.64 0.94 -0.30	43.80 1.08 -0.56	53.19 2.35 -2.14	48.92 2.87 -10.87	102.26 6.94 -30.91	198.58 20.30 -17.01	238.91 19.40 -64.99	220.13 12.53 -91.85	239.62 10.99 -96.59	132.90 4.03 -66.24	135.73 3.90 -63.78	116.24 2.08 -58.99
N SALMON___HYD 24042	94.40 0.17 0.00	99.10 0.58 0.00	97.92 0.87 0.00	106.07 1.77 0.00	112.17 2.27 0.00	90.64 0.20 0.00	36.01 -0.44 0.00	49.55 -0.54 0.00	129.55 -0.50 0.00	124.61 -1.02 0.00	100.35 -1.18 0.00	70.43 -0.65 0.00	54.95 -0.46 0.00	41.77 -0.38 0.00	48.42 -0.27 0.00	35.06 -0.13 0.00	64.87 0.47 0.00	163.12 1.85 0.00	156.88 2.37 0.00	117.44 1.69 0.00	134.09 2.04 0.00	63.37 0.74 0.00	69.06 1.00 0.00	56.30 1.13 0.00
N.AKRON__115KV_KNAPP 355671	87.26 -6.98 0.00	90.99 -7.53 0.00	88.94 -7.28 0.84	96.38 -7.92 0.00	102.18 -7.71 0.00	85.45 -5.12 -0.12	41.85 -2.29 -7.69	53.59 -3.57 -7.06	110.04 -8.70 11.31	115.92 -9.72 0.00	95.15 -6.68 -0.30	66.44 -4.65 -0.02	51.31 -4.24 -0.14	38.80 -3.62 -0.27	45.49 -4.21 -1.01	37.04 -3.26 -5.11	68.41 -6.05 -10.06	136.64 -16.50 8.12	106.15 -16.32 32.04	62.70 -12.07 40.97	64.25 -14.48 53.30	34.76 -6.57 21.30	36.31 -5.26 26.49	33.02 -3.96 18.19
N.BELMOR_69_KV_BK1 55787	101.37 7.13 0.00	105.16 6.64 0.00	103.31 6.25 0.00	111.13 6.83 0.00	116.23 6.33 0.00	104.53 6.97 -7.11	99.87 2.96 -60.47	151.36 4.13 -97.13	155.93 9.93 -15.95	136.30 9.81 -0.85	112.84 8.88 -2.43	77.58 6.31 -0.20	61.48 5.12 -0.96	49.01 3.99 -2.86	60.75 4.66 -7.39	74.01 3.27 -35.55	155.52 5.72 -85.40	174.85 13.58 0.00	172.93 12.93 -5.48	157.16 10.09 -31.32	149.49 11.17 -6.27	142.27 5.75 -73.90	126.09 5.96 -52.07	97.70 4.30 -38.24
N.E_GEN_SANDY PD 24062	101.23 5.19 -1.80	101.93 4.85 1.44	101.87 4.81 0.00	109.39 5.09 0.00	114.74 4.92 0.08	100.99 4.91 -5.64	110.26 2.22 -71.59	171.94 3.11 -118.73	159.16 8.04 -21.06	133.31 7.68 0.00	110.69 6.87 -2.30	76.50 4.70 -0.72	61.46 3.71 -2.35	44.13 2.70 0.72	64.32 3.33 -12.30	88.37 2.45 -50.73	169.43 4.25 -100.78	158.12 9.52 12.66	173.00 9.41 -9.08	169.26 7.30 -46.21	150.50 8.07 -10.38	135.49 4.03 -68.83	117.31 4.45 -44.80	116.17 3.40 -57.61
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	99.19 4.95 0.00	103.05 4.54 0.00	101.32 4.26 0.00	108.86 4.55 0.00	114.01 4.12 0.00	97.75 4.56 -2.75	97.08 2.30 -58.33	147.11 3.33 -93.69	152.50 8.39 -14.06	133.97 8.33 0.00	110.72 7.22 -1.97	76.15 4.98 -0.10	60.36 4.03 -0.93	47.11 3.20 -1.76	59.11 3.72 -6.69	71.78 2.66 -33.94	151.33 4.63 -82.31	172.42 11.15 0.00	170.53 10.73 -5.29	154.05 8.11 -30.19	146.81 8.72 -6.05	118.08 4.31 -51.14	96.40 4.42 -23.92	95.29 3.27 -36.86
N.QUEENS_27_KV_LOAD 356247	100.32 6.09 0.00	104.10 5.58 0.00	102.43 5.37 0.00	109.90 5.60 0.00	115.13 5.23 0.00	98.91 5.62 -2.85	99.75 2.80 -60.49	151.34 4.08 -97.17	156.61 10.26 -16.30	136.87 10.17 -1.07	112.83 8.78 -2.53	77.49 6.19 -0.22	61.42 5.06 -0.96	49.56 4.17 -3.23	60.88 4.62 -7.57	74.14 3.25 -35.70	155.47 5.62 -85.46	174.70 13.44 0.00	172.95 12.95 -5.49	156.87 9.80 -31.33	148.86 10.55 -6.28	120.89 5.22 -53.05	98.16 5.27 -24.83	97.23 3.81 -38.25
N.TROY___115KV_TB1 355778	99.09 4.85 0.00	103.22 4.71 0.00	101.78 4.72 0.00	109.32 5.01 0.00	114.91 5.02 0.00	98.81 4.84 -3.53	130.66 2.15 -92.06	218.64 2.96 -165.58	177.89 7.64 -40.19	132.72 7.08 0.00	110.10 6.04 -2.53	75.18 3.97 -0.13	59.69 3.10 -1.19	46.61 2.20 -2.26	60.06 2.78 -8.59	80.86 2.12 -43.55	173.96 3.92 -105.64	170.37 9.10 0.00	184.08 8.98 -20.59	213.65 6.95 -90.95	163.29 7.70 -23.55	175.87 3.83 -109.42	142.29 4.21 -70.02	171.89 3.28 -113.45
NARROWS_GT1_1 24228	101.70 6.45 -1.01	104.47 5.95 0.00	102.76 5.70 0.00	110.30 6.00 0.00	115.46 5.57 0.00	114.37 5.75 -18.17	378.57 2.81 -339.30	241.96 3.98 -187.88	681.86 10.08 -541.72	694.03 10.08 -558.31	135.00 8.69 -24.79	129.14 6.12 -51.94	147.08 5.06 -86.61	1708.93 4.17 -1662.59	275.36 4.82 -221.85	91.07 3.32 -52.56	158.65 5.66 -88.59	174.77 13.51 0.00	172.94 12.94 -5.49	157.19 9.72 -31.72	148.77 10.45 -6.28	120.79 5.12 -53.05	98.20 5.32 -24.83	97.41 4.00 -38.25
NARROWS_GT1_2 24229	101.70 6.45 -1.01	104.47 5.95 0.00	102.76 5.70 0.00	110.30 6.00 0.00	115.46 5.57 0.00	114.37 5.75 -18.17	378.57 2.81 -339.30	241.96 3.98 -187.88	681.86 10.08 -541.72	694.03 10.08 -558.31	135.00 8.69 -24.79	129.14 6.12 -51.94	147.08 5.06 -86.61	1708.93 4.17 -1662.59	275.36 4.82 -221.85	91.07 3.32 -52.56	158.65 5.66 -88.59	174.77 13.51 0.00	172.94 12.94 -5.49	157.19 9.72 -31.72	148.77 10.45 -6.28	120.79 5.12 -53.05	98.20 5.32 -24.83	97.41 4.00 -38.25
NARROWS_GT1_3 24230	101.70 6.45 -1.01	104.47 5.95 0.00	102.76 5.70 0.00	110.30 6.00 0.00	115.46 5.57 0.00	114.37 5.75 -18.17	378.57 2.81 -339.30	241.96 3.98 -187.88	681.86 10.08 -541.72	694.03 10.08 -558.31	135.00 8.69 -24.79	129.14 6.12 -51.94	147.08 5.06 -86.61	1708.93 4.17 -1662.59	275.36 4.82 -221.85	91.07 3.32 -52.56	158.65 5.66 -88.59	174.77 13.51 0.00	172.94 12.94 -5.49	157.19 9.72 -31.72	148.77 10.45 -6.28	120.79 5.12 -53.05	98.20 5.32 -24.83	97.41 4.00 -38.25
NARROWS_GT1_4 24231	101.70 6.45 -1.01	104.47 5.95 0.00	102.76 5.70 0.00	110.30 6.00 0.00	115.46 5.57 0.00	114.37 5.75 -18.17	378.57 2.81 -339.30	241.96 3.98 -187.88	681.86 10.08 -541.72	694.03 10.08 -558.31	135.00 8.69 -24.79	129.14 6.12 -51.94	147.08 5.06 -86.61	1708.93 4.17 -1662.59	275.36 4.82 -221.85	91.07 3.32 -52.56	158.65 5.66 -88.59	174.77 13.51 0.00	172.94 12.94 -5.49	157.19 9.72 -31.72	148.77 10.45 -6.28	120.79 5.12 -53.05	98.20 5.32 -24.83	97.41 4.00 -38.25

NARROWS_GT1_5 24232	101.70 6.45 -1.01	104.47 5.95 0.00	102.76 5.70 0.00	110.30 6.00 0.00	115.46 5.57 0.00	114.37 5.75 -18.17	378.57 2.81 -339.30	241.96 3.98 -187.88	681.86 10.08 -541.72	694.03 10.08 -558.31	135.00 8.69 -24.79	129.14 6.12 -51.94	147.08 5.06 -86.61	1708.93 4.17 -1662.59	275.36 4.82 -221.85	91.07 3.32 -52.56	158.65 5.66 -88.59	174.77 13.51 0.00	172.94 12.94 -5.49	157.19 9.72 -31.72	148.77 10.45 -6.28	120.79 5.12 -53.05	98.20 5.32 -24.83	97.41 4.00 -38.25
NARROWS_GT1_6 24233	101.70 6.45 -1.01	104.47 5.95 0.00	102.76 5.70 0.00	110.30 6.00 0.00	115.46 5.57 0.00	114.37 5.75 -18.17	378.57 2.81 -339.30	241.96 3.98 -187.88	681.86 10.08 -541.72	694.03 10.08 -558.31	135.00 8.69 -24.79	129.14 6.12 -51.94	147.08 5.06 -86.61	1708.93 4.17 -1662.59	275.36 4.82 -221.85	91.07 3.32 -52.56	158.65 5.66 -88.59	174.77 13.51 0.00	172.94 12.94 -5.49	157.19 9.72 -31.72	148.77 10.45 -6.28	120.79 5.12 -53.05	98.20 5.32 -24.83	97.41 4.00 -38.25
NARROWS_GT1_7 24234	101.70 6.45 -1.01	104.47 5.95 0.00	102.76 5.70 0.00	110.30 6.00 0.00	115.46 5.57 0.00	114.37 5.75 -18.17	378.57 2.81 -339.30	241.96 3.98 -187.88	681.86 10.08 -541.72	694.03 10.08 -558.31	135.00 8.69 -24.79	129.14 6.12 -51.94	147.08 5.06 -86.61	1708.93 4.17 -1662.59	275.36 4.82 -221.85	91.07 3.32 -52.56	158.65 5.66 -88.59	174.77 13.51 0.00	172.94 12.94 -5.49	157.19 9.72 -31.72	148.77 10.45 -6.28	120.79 5.12 -53.05	98.20 5.32 -24.83	97.41 4.00 -38.25
NARROWS_GT1_8 24235	101.70 6.45 -1.01	104.47 5.95 0.00	102.76 5.70 0.00	110.30 6.00 0.00	115.46 5.57 0.00	114.37 5.75 -18.17	378.57 2.81 -339.30	241.96 3.98 -187.88	681.86 10.08 -541.72	694.03 10.08 -558.31	135.00 8.69 -24.79	129.14 6.12 -51.94	147.08 5.06 -86.61	1708.93 4.17 -1662.59	275.36 4.82 -221.85	91.07 3.32 -52.56	158.65 5.66 -88.59	174.77 13.51 0.00	172.94 12.94 -5.49	157.19 9.72 -31.72	148.77 10.45 -6.28	120.79 5.12 -53.05	98.20 5.32 -24.83	97.41 4.00 -38.25
NARROWS_GT2_1 24236	101.70 6.45 -1.01	104.47 5.95 0.00	102.76 5.70 0.00	110.30 6.00 0.00	115.46 5.57 0.00	114.37 5.75 -18.17	378.57 2.81 -339.30	241.96 3.98 -187.88	656.56 10.08 -516.42	678.21 10.08 -542.49	127.82 8.69 -17.60	127.42 6.12 -50.22	147.08 5.06 -86.61	1686.41 4.17 -1640.08	265.62 4.82 -212.11	83.01 3.32 -44.50	156.80 5.66 -86.74	174.77 13.51 0.00	172.94 12.94 -5.49	157.19 9.72 -31.72	148.77 10.45 -6.28	120.79 5.12 -53.05	98.20 5.32 -24.83	97.41 4.00 -38.25
NARROWS_GT2_2 24237	101.70 6.45 -1.01	104.47 5.95 0.00	102.76 5.70 0.00	110.30 6.00 0.00	115.46 5.57 0.00	114.37 5.75 -18.17	378.57 2.81 -339.30	241.96 3.98 -187.88	656.56 10.08 -516.42	678.21 10.08 -542.49	127.82 8.69 -17.60	127.42 6.12 -50.22	147.08 5.06 -86.61	1686.41 4.17 -1640.08	265.62 4.82 -212.11	83.01 3.32 -44.50	156.80 5.66 -86.74	174.77 13.51 0.00	172.94 12.94 -5.49	157.19 9.72 -31.72	148.77 10.45 -6.28	120.79 5.12 -53.05	98.20 5.32 -24.83	97.41 4.00 -38.25
NARROWS_GT2_3 24238	101.70 6.45 -1.01	104.47 5.95 0.00	102.76 5.70 0.00	110.30 6.00 0.00	115.46 5.57 0.00	114.37 5.75 -18.17	378.57 2.81 -339.30	241.96 3.98 -187.88	656.56 10.08 -516.42	678.21 10.08 -542.49	127.82 8.69 -17.60	127.42 6.12 -50.22	147.08 5.06 -86.61	1686.41 4.17 -1640.08	265.62 4.82 -212.11	83.01 3.32 -44.50	156.80 5.66 -86.74	174.77 13.51 0.00	172.94 12.94 -5.49	157.19 9.72 -31.72	148.77 10.45 -6.28	120.79 5.12 -53.05	98.20 5.32 -24.83	97.41 4.00 -38.25
NARROWS_GT2_4 24239	101.70 6.45 -1.01	104.47 5.95 0.00	102.76 5.70 0.00	110.30 6.00 0.00	115.46 5.57 0.00	114.37 5.75 -18.17	378.57 2.81 -339.30	241.96 3.98 -187.88	656.56 10.08 -516.42	678.21 10.08 -542.49	127.82 8.69 -17.60	127.42 6.12 -50.22	147.08 5.06 -86.61	1686.41 4.17 -1640.08	265.62 4.82 -212.11	83.01 3.32 -44.50	156.80 5.66 -86.74	174.77 13.51 0.00	172.94 12.94 -5.49	157.19 9.72 -31.72	148.77 10.45 -6.28	120.79 5.12 -53.05	98.20 5.32 -24.83	97.41 4.00 -38.25
NARROWS_GT2_5 24240	101.70 6.45 -1.01	104.47 5.95 0.00	102.76 5.70 0.00	110.30 6.00 0.00	115.46 5.57 0.00	114.37 5.75 -18.17	378.57 2.81 -339.30	241.96 3.98 -187.88	656.56 10.08 -516.42	678.21 10.08 -542.49	127.82 8.69 -17.60	127.42 6.12 -50.22	147.08 5.06 -86.61	1686.41 4.17 -1640.08	265.62 4.82 -212.11	83.01 3.32 -44.50	156.80 5.66 -86.74	174.77 13.51 0.00	172.94 12.94 -5.49	157.19 9.72 -31.72	148.77 10.45 -6.28	120.79 5.12 -53.05	98.20 5.32 -24.83	97.41 4.00 -38.25
NARROWS_GT2_6 24241	101.70 6.45 -1.01	104.47 5.95 0.00	102.76 5.70 0.00	110.30 6.00 0.00	115.46 5.57 0.00	114.37 5.75 -18.17	378.57 2.81 -339.30	241.96 3.98 -187.88	656.56 10.08 -516.42	678.21 10.08 -542.49	127.82 8.69 -17.60	127.42 6.12 -50.22	147.08 5.06 -86.61	1686.41 4.17 -1640.08	265.62 4.82 -212.11	83.01 3.32 -44.50	156.80 5.66 -86.74	174.77 13.51 0.00	172.94 12.94 -5.49	157.19 9.72 -31.72	148.77 10.45 -6.28	120.79 5.12 -53.05	98.20 5.32 -24.83	97.41 4.00 -38.25
NARROWS_GT2_7 24242	101.70 6.45 -1.01	104.47 5.95 0.00	102.76 5.70 0.00	110.30 6.00 0.00	115.46 5.57 0.00	114.37 5.75 -18.17	378.57 2.81 -339.30	241.96 3.98 -187.88	656.56 10.08 -516.42	678.21 10.08 -542.49	127.82 8.69 -17.60	127.42 6.12 -50.22	147.08 5.06 -86.61	1686.41 4.17 -1640.08	265.62 4.82 -212.11	83.01 3.32 -44.50	156.80 5.66 -86.74	174.77 13.51 0.00	172.94 12.94 -5.49	157.19 9.72 -31.72	148.77 10.45 -6.28	120.79 5.12 -53.05	98.20 5.32 -24.83	97.41 4.00 -38.25
NARROWS_GT2_8 24243	101.70 6.45 -1.01	104.47 5.95 0.00	102.76 5.70 0.00	110.30 6.00 0.00	115.46 5.57 0.00	114.37 5.75 -18.17	378.57 2.81 -339.30	241.96 3.98 -187.88	656.56 10.08 -516.42	678.21 10.08 -542.49	127.82 8.69 -17.60	127.42 6.12 -50.22	147.08 5.06 -86.61	1686.41 4.17 -1640.08	265.62 4.82 -212.11	83.01 3.32 -44.50	156.80 5.66 -86.74	174.77 13.51 0.00	172.94 12.94 -5.49	157.19 9.72 -31.72	148.77 10.45 -6.28	120.79 5.12 -53.05	98.20 5.32 -24.83	97.41 4.00 -38.25
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	99.86 5.62 0.00	104.11 5.60 0.00	102.57 5.51 0.00	110.23 5.93 0.00	115.94 6.05 0.00	99.33 5.57 -3.32	114.61 2.46 -75.70	180.21 3.16 -126.95	161.97 8.21 -23.70	133.11 7.47 0.00	109.57 5.66 -2.38	74.38 3.18 -0.12	58.95 2.43 -1.12	46.00 1.72 -2.13	58.77 1.99 -8.08	77.70 1.52 -41.01	167.30 3.45 -99.45	170.96 9.70 0.00	174.50 9.42 -10.57	174.93 6.89 -52.29	151.76 7.63 -12.08	141.30 3.62 -75.05	112.99 4.11 -40.82	123.37 3.62 -64.59
NCHELSEA_115KV_TR2 355582	100.62 6.38 0.00	104.52 6.00 0.00	102.82 5.76 0.00	110.43 6.13 0.00	115.80 5.91 0.00	99.28 5.98 -2.85	99.93 2.84 -60.64	151.67 4.10 -97.48	155.08 10.32 -14.70	135.66 10.02 0.00	112.11 8.53 -2.05	77.02 5.84 -0.11	61.03 4.67 -0.96	47.61 3.63 -1.83	59.89 4.25 -6.95	73.56 3.14 -35.23	155.50 5.65 -85.45	174.91 13.65 0.00	173.27 13.20 -5.55	157.30 9.96 -31.58	149.24 10.85 -6.35	121.18 5.25 -53.29	98.53 5.45 -25.02	97.80 4.07 -38.57
NEG CAPITAL___MECHNVIL 23645	100.50 6.27 0.00	104.75 6.23 0.00	103.25 6.19 0.00	110.92 6.62 0.00	116.66 6.77 0.00	100.37 6.36 -3.57	135.07 2.86 -95.77	228.40 3.95 -174.35	184.26 10.24 -43.96	134.84 9.20 0.00	111.52 7.43 -2.56	76.00 4.79 -0.13	60.33 3.72 -1.20	47.11 2.67 -2.29	60.76 3.37 -8.69	82.00 2.71 -44.11	176.64 5.27 -106.97	174.11 12.84 0.00	189.99 12.59 -22.88	225.05 9.52 -99.78	168.68 10.47 -26.17	184.91 5.04 -117.24	150.15 5.40 -76.69	183.98 4.18 -124.64

NEG CENTRAL_HIGH_ACRES 23767	88.84 -5.40 0.00	92.71 -5.80 0.00	90.96 -5.67 0.43	98.17 -6.14 0.00	103.83 -6.07 0.00	86.51 -4.13 -0.19	41.15 -1.50 -6.20	54.05 -2.33 -6.28	118.41 -5.67 5.97	119.48 -6.15 0.00	97.54 -4.23 -0.24	68.13 -2.96 -0.01	52.87 -2.65 -0.11	40.14 -2.23 -0.21	46.90 -2.61 -0.82	37.51 -1.84 -4.16	69.88 -3.37 -8.85	147.22 -9.45 4.60	129.11 -9.46 15.94	89.30 -7.04 19.41	98.87 -8.64 24.54	50.57 -3.98 8.08	51.10 -3.80 13.16	42.56 -3.04 9.57
NEG CENTRAL___DRP 24199	92.16 -2.08 0.00	96.07 -2.45 0.00	93.78 -2.61 0.68	101.35 -2.96 0.00	107.07 -2.83 0.00	89.08 -1.50 -0.14	43.09 -0.30 -6.94	56.27 -0.54 -6.72	119.16 -1.51 9.39	123.80 -1.84 0.00	100.90 -0.89 -0.27	70.35 -0.74 -0.01	54.75 -0.79 -0.12	41.73 -0.66 -0.24	48.78 -0.82 -0.90	39.36 -0.40 -4.57	72.99 -0.56 -9.15	151.77 -2.26 7.24	131.78 -2.19 20.54	90.72 -1.67 23.36	97.36 -2.21 32.47	52.51 -1.11 9.00	48.71 -1.04 18.31	40.46 -0.96 13.75
NEG CENTRAL___INDECK 23768	91.59 -2.65 0.00	95.35 -3.17 0.00	91.77 -3.80 1.49	100.13 -4.17 0.00	106.19 -3.70 0.00	88.67 -1.76 0.02	44.46 -0.51 -8.52	52.71 -0.99 -3.60	105.10 -1.91 23.04	123.92 -1.72 0.00	101.72 -0.16 -0.35	70.75 -0.34 -0.02	54.05 -1.52 -0.16	40.73 -1.74 -0.31	47.73 -2.16 -1.19	40.08 -1.17 -6.06	73.62 -1.19 -10.42	142.65 -2.62 16.00	139.16 -3.07 12.28	100.35 -2.78 12.61	100.82 -4.41 26.81	63.33 -2.04 -2.75	32.73 -1.72 33.61	20.26 -1.54 33.37
NEG CENTRAL___SENECA 23627	91.80 -2.43 0.00	95.59 -2.93 0.00	92.61 -3.17 1.28	100.68 -3.63 0.00	106.45 -3.44 0.00	88.67 -1.74 0.03	43.20 -0.37 -7.12	52.45 -0.70 -3.05	109.15 -1.82 19.08	123.40 -2.24 0.00	100.87 -0.95 -0.29	70.43 -0.66 -0.02	54.68 -0.86 -0.14	41.67 -0.75 -0.26	48.74 -0.95 -1.00	39.79 -0.47 -5.08	72.34 -0.71 -8.65	144.60 -2.97 13.70	111.02 -2.83 40.67	64.71 -2.14 48.90	65.65 -2.73 63.66	37.82 -1.35 23.46	29.44 -1.15 37.47	24.36 -1.16 29.64
NEG CENTRAL___STATE_STREET 24147	93.24 -1.00 0.00	97.32 -1.20 0.00	96.19 -1.24 -0.37	102.98 -1.32 0.00	108.61 -1.28 0.00	90.23 -0.70 -0.49	44.33 -0.04 -7.91	65.24 -0.02 -15.16	137.67 -0.04 -7.65	125.36 -0.28 0.00	101.70 -0.08 -0.26	70.77 -0.32 -0.01	55.12 -0.41 -0.12	42.06 -0.32 -0.23	49.21 -0.36 -0.88	39.54 -0.10 -4.46	76.33 0.06 -11.88	164.69 -0.55 -3.97	168.64 -0.58 -14.70	137.53 -0.13 -21.92	153.41 -0.60 -21.96	79.69 -0.36 -17.42	83.27 -0.36 -15.57	69.45 -0.40 -14.68
NEG MILLWOOD___DRP 24198	101.04 6.81 0.00	104.98 6.47 0.00	103.25 6.19 0.00	110.91 6.60 0.00	116.28 6.39 0.00	99.77 6.45 -2.88	100.66 3.05 -61.16	152.78 4.40 -98.29	155.97 11.11 -14.80	136.38 10.74 0.00	112.75 9.16 -2.06	77.52 6.33 -0.11	61.42 5.04 -0.97	47.92 3.92 -1.85	60.30 4.59 -7.01	74.09 3.35 -35.55	156.62 5.99 -86.23	175.88 14.61 0.00	174.26 14.17 -5.58	158.20 10.67 -31.79	150.07 11.65 -6.38	121.97 5.63 -53.71	99.06 5.82 -25.18	98.30 4.33 -38.81
NEG NORTH_FLCN_SEA 23793	93.40 -0.83 0.00	98.11 -0.41 0.00	97.06 0.00 0.00	105.04 0.74 0.00	110.91 1.01 0.00	89.30 -1.15 0.00	35.45 -1.00 0.00	48.44 -1.66 0.00	126.70 -3.35 0.00	121.22 -4.41 0.00	97.79 -3.74 0.00	68.69 -2.39 0.00	53.84 -1.56 0.00	40.95 -1.21 0.00	47.74 -0.95 0.00	34.70 -0.49 0.00	64.17 -0.23 0.00	161.32 0.05 0.00	155.28 0.76 0.00	116.26 0.51 0.00	132.45 0.41 0.00	62.55 -0.07 0.00	68.02 -0.04 0.00	55.80 0.64 0.00
NEG NORTH_KES_CHATEGAY 23792	92.64 -1.60 0.00	97.25 -1.27 0.00	96.19 -0.87 0.00	104.36 0.06 0.00	110.32 0.43 0.00	89.08 -1.36 0.00	35.31 -1.15 0.00	48.55 -1.54 0.00	126.86 -3.19 0.00	121.47 -4.17 0.00	97.80 -3.73 0.00	68.57 -2.51 0.00	53.70 -1.71 0.00	40.90 -1.25 0.00	47.45 -1.24 0.00	34.47 -0.72 0.00	63.75 -0.65 0.00	160.44 -0.83 0.00	154.24 -0.28 0.00	115.49 -0.26 0.00	131.76 -0.28 0.00	62.32 -0.30 0.00	67.82 -0.24 0.00	55.32 0.15 0.00
NEG NORTH___ALICE_FALLS 23915	93.86 -0.38 0.00	98.57 0.05 0.00	97.50 0.44 0.00	105.59 1.28 0.00	111.68 1.78 0.00	90.09 -0.36 0.00	35.82 -0.64 0.00	49.02 -1.08 0.00	128.24 -1.82 0.00	122.61 -3.03 0.00	98.74 -2.78 0.00	69.32 -1.76 0.00	54.29 -1.12 0.00	41.27 -0.88 0.00	48.11 -0.59 0.00	34.98 -0.20 0.00	64.77 0.37 0.00	162.91 1.65 0.00	156.91 2.40 0.00	117.47 1.72 0.00	133.89 1.85 0.00	63.22 0.59 0.00	68.78 0.72 0.00	56.23 1.07 0.00
NEG NORTH___LWR_SARANAC 23913	93.86 -0.38 0.00	98.57 0.05 0.00	97.50 0.44 0.00	105.59 1.28 0.00	111.68 1.78 0.00	90.09 -0.36 0.00	35.82 -0.64 0.00	49.02 -1.08 0.00	128.24 -1.82 0.00	122.61 -3.03 0.00	98.74 -2.78 0.00	69.32 -1.76 0.00	54.29 -1.12 0.00	41.27 -0.88 0.00	48.11 -0.59 0.00	34.98 -0.20 0.00	64.77 0.37 0.00	162.91 1.65 0.00	156.91 2.40 0.00	117.47 1.72 0.00	133.89 1.85 0.00	63.22 0.59 0.00	68.78 0.72 0.00	56.23 1.07 0.00
NEG NORTH___PLATTSBURG 23628	93.86 -0.37 0.00	98.57 0.05 0.00	97.50 0.44 0.00	105.58 1.28 0.00	111.68 1.78 0.00	90.09 -0.36 0.00	35.82 -0.64 0.00	49.03 -1.07 0.00	128.26 -1.79 0.00	122.61 -3.03 0.00	98.74 -2.78 0.00	69.33 -1.75 0.00	54.29 -1.12 0.00	41.27 -0.88 0.00	48.11 -0.59 0.00	34.98 -0.20 0.00	64.77 0.37 0.00	162.94 1.67 0.00	156.91 2.39 0.00	117.47 1.72 0.00	133.90 1.85 0.00	63.21 0.58 0.00	68.78 0.72 0.00	56.25 1.08 0.00
NEG WEST_LEA_LOCKPORT 23791	84.88 -9.36 0.00	88.50 -10.02 0.00	86.46 -9.70 0.89	93.78 -10.52 0.00	99.44 -10.45 0.00	83.13 -7.44 -0.12	41.04 -3.30 -7.89	51.96 -5.04 -6.90	105.21 -12.49 12.35	112.47 -13.16 0.00	92.61 -9.22 -0.31	64.81 -6.29 -0.02	50.10 -5.45 -0.14	37.87 -4.56 -0.27	44.27 -5.46 -1.04	36.20 -4.25 -5.26	66.28 -7.99 -9.88	125.64 -21.61 14.02	59.33 -21.27 73.92	24.07 -15.74 75.94	26.13 -18.50 87.41	18.64 -8.44 35.55	29.23 -7.12 31.71	30.38 -5.39 19.40
NEG WEST___LANCASTER 23811	87.52 -6.72 0.00	91.33 -7.20 0.00	88.85 -7.07 1.14	96.70 -7.60 0.00	102.40 -7.49 0.00	85.42 -5.13 -0.11	43.36 -2.28 -9.18	54.52 -3.33 -7.75	107.02 -7.87 15.16	117.54 -8.09 0.00	96.75 -5.13 -0.36	67.57 -3.53 -0.02	52.34 -3.23 -0.17	39.70 -2.78 -0.32	46.55 -3.36 -1.22	38.64 -2.73 -6.18	70.97 -5.14 -11.71	134.98 -14.01 12.28	89.44 -13.70 51.38	43.55 -10.23 61.97	41.80 -12.61 77.64	25.26 -5.60 31.76	26.56 -4.65 36.85	26.29 -3.53 25.35
NEG_PENN_ALLEGHNY 23528	93.30 -0.93 0.00	97.42 -1.09 0.00	95.25 -1.33 0.48	102.88 -1.43 0.00	108.39 -1.50 0.00	90.54 -0.65 -0.75	55.52 -0.12 -19.18	77.80 -0.25 -27.95	126.63 -0.49 2.93	125.66 0.02 0.00	102.75 0.57 -0.66	71.22 0.11 -0.03	55.57 -0.14 -0.31	42.59 -0.16 -0.59	50.93 0.01 -2.23	46.55 0.07 -11.30	90.61 0.20 -26.01	156.23 0.18 5.21	140.39 -0.15 13.98	103.07 -0.38 12.30	106.37 -0.95 24.72	66.20 -0.41 -3.99	60.03 -0.46 7.57	54.81 -0.54 -0.18
NEG___GEN_MONROE 24207	89.97 -4.26 0.00	93.80 -4.72 0.00	91.92 -4.53 0.60	99.40 -4.90 0.00	105.24 -4.66 0.00	87.73 -2.86 -0.15	41.69 -1.07 -6.31	53.59 -1.80 -5.30	117.18 -4.18 8.70	120.67 -4.97 0.00	98.54 -3.24 -0.25	68.74 -2.35 -0.01	53.22 -2.31 -0.12	40.32 -2.06 -0.23	47.20 -2.35 -0.86	37.85 -1.68 -4.34	70.13 -3.08 -8.82	146.36 -8.58 6.32	124.49 -8.67 21.35	82.47 -6.38 26.89	90.30 -8.06 33.69	46.37 -3.69 12.56	46.11 -3.07 18.88	38.54 -2.36 14.27

NEPA__ENERGY 23901	85.64 -8.59 0.00	89.34 -9.18 0.00	87.08 -8.90 1.08	94.98 -9.32 0.00	100.76 -9.13 0.00	84.19 -6.35 -0.10	42.46 -2.64 -8.65	53.36 -3.96 -7.22	106.19 -9.37 14.49	116.18 -9.45 0.00	96.23 -5.63 -0.34	67.35 -3.74 -0.02	51.90 -3.67 -0.16	39.24 -3.22 -0.30	46.16 -3.68 -1.15	38.20 -2.82 -5.83	69.86 -5.57 -11.04	132.50 -16.44 12.33	81.34 -16.92 56.26	38.25 -12.82 64.67	37.43 -15.51 79.10	22.03 -7.01 33.59	25.92 -6.07 36.07	26.41 -4.60 24.15
NEVERSINK__HYD 23608	98.46 4.23 0.00	102.36 3.84 0.00	100.65 3.60 0.00	108.17 3.86 0.00	113.53 3.64 0.00	97.03 4.00 -2.59	93.76 2.10 -55.21	142.97 3.88 -88.99	153.34 9.66 -13.62	134.70 9.06 0.00	110.89 7.51 -1.86	75.97 4.80 -0.10	60.13 3.86 -0.87	46.51 2.70 -1.66	57.74 2.75 -6.30	69.23 2.09 -31.95	145.96 4.08 -77.48	171.59 10.32 0.00	169.78 10.04 -5.22	152.67 7.58 -29.34	146.07 8.05 -5.97	115.44 3.90 -48.91	95.17 3.90 -23.21	93.84 2.82 -35.85
NEWKRMKL_115KV_TB1 55635	97.62 3.38 0.00	101.77 3.26 0.00	100.27 3.21 0.00	107.70 3.40 0.00	113.18 3.28 0.00	97.20 3.26 -3.50	123.27 1.44 -85.38	200.58 1.93 -148.55	167.19 4.95 -32.19	130.57 4.94 0.00	108.32 4.29 -2.51	74.12 2.91 -0.13	58.97 2.39 -1.18	46.09 1.69 -2.24	59.07 1.86 -8.52	79.70 1.31 -43.21	171.46 2.26 -104.81	166.31 5.05 0.00	175.08 4.93 -15.63	191.64 3.80 -72.09	154.01 4.09 -17.87	158.08 2.11 -93.34	126.37 2.49 -55.81	147.05 2.28 -89.60
NEWTON__FALLS_HYD 23847	93.44 -0.80 0.00	97.85 -0.67 0.00	96.43 -0.63 0.00	103.87 -0.43 0.00	111.16 1.26 0.00	90.45 -0.07 -0.07	37.44 -0.45 -1.44	51.74 -0.48 -2.13	129.89 -0.38 -0.21	126.44 0.80 0.00	102.10 0.52 -0.05	71.06 -0.02 0.00	55.08 -0.35 -0.02	41.77 -0.43 -0.05	48.19 -0.68 -0.18	35.51 -0.57 -0.90	66.90 0.32 -2.18	163.84 2.57 0.00	156.96 2.45 0.00	117.47 1.44 -0.27	133.16 1.12 0.00	63.78 0.24 -0.91	68.07 -0.26 -0.27	55.53 -0.11 -0.47
NGRID_A1_DSASP 323792	84.41 -9.82 0.00	88.07 -10.45 0.00	86.09 -10.06 0.91	93.37 -10.93 0.00	99.00 -10.89 0.00	82.36 -8.21 -0.12	40.97 -3.52 -8.03	51.80 -5.46 -7.16	104.15 -13.57 12.34	111.44 -14.20 0.00	91.82 -10.01 -0.31	64.33 -6.76 -0.02	49.76 -5.80 -0.15	37.60 -4.83 -0.28	43.96 -5.79 -1.06	36.01 -4.54 -5.36	66.29 -8.49 -10.38	128.56 -22.90 9.81	89.18 -22.38 42.96	47.82 -16.35 51.58	48.33 -19.10 64.61	27.73 -8.50 26.40	30.88 -7.46 29.72	29.51 -5.74 19.91
NGRID_A2_DSASP 323793	84.41 -9.82 0.00	88.07 -10.45 0.00	86.09 -10.06 0.91	93.37 -10.93 0.00	99.00 -10.89 0.00	82.36 -8.21 -0.12	40.97 -3.52 -8.03	51.80 -5.46 -7.16	104.15 -13.57 12.34	111.44 -14.20 0.00	91.82 -10.01 -0.31	64.33 -6.76 -0.02	49.76 -5.80 -0.15	37.60 -4.83 -0.28	43.96 -5.79 -1.06	36.01 -4.54 -5.36	66.29 -8.49 -10.38	128.56 -22.90 9.81	89.18 -22.38 42.96	47.82 -16.35 51.58	48.33 -19.10 64.61	27.73 -8.50 26.40	30.88 -7.46 29.72	29.51 -5.74 19.91
NGRID_A4_DSASP 323807	84.41 -9.82 0.00	88.07 -10.45 0.00	86.09 -10.06 0.91	93.37 -10.93 0.00	99.00 -10.89 0.00	82.36 -8.21 -0.12	40.97 -3.52 -8.03	51.80 -5.46 -7.16	104.15 -13.57 12.34	111.44 -14.20 0.00	91.82 -10.01 -0.31	64.33 -6.76 -0.02	49.76 -5.80 -0.15	37.60 -4.83 -0.28	43.96 -5.79 -1.06	36.01 -4.54 -5.36	66.29 -8.49 -10.38	128.56 -22.90 9.81	89.18 -22.38 42.96	47.82 -16.35 51.58	48.33 -19.10 64.61	27.73 -8.50 26.40	30.88 -7.46 29.72	29.51 -5.74 19.91
NIAGARA_115E_LBMP 323715	84.51 -9.73 0.00	88.12 -10.40 0.00	86.13 -10.01 0.92	93.39 -10.92 0.00	99.02 -10.88 0.00	82.79 -7.78 -0.12	40.88 -3.62 -8.05	51.79 -5.47 -7.16	104.09 -13.56 12.40	111.16 -14.47 0.00	91.65 -10.19 -0.31	64.22 -6.87 -0.02	49.64 -5.91 -0.15	37.52 -4.91 -0.28	43.86 -5.89 -1.06	35.88 -4.68 -5.38	66.08 -8.75 -10.42	128.10 -23.63 9.53	90.48 -23.37 40.67	48.60 -17.25 49.89	49.01 -19.93 63.10	27.83 -8.99 25.82	30.92 -7.40 29.74	29.41 -5.65 20.10
NIAGARA_115W_LBMP 323714	84.30 -9.93 0.00	87.97 -10.55 0.00	85.99 -10.15 0.91	93.26 -11.04 0.00	98.88 -11.01 0.00	82.22 -8.34 -0.12	40.90 -3.58 -8.02	51.72 -5.53 -7.16	103.99 -13.76 12.30	111.26 -14.38 0.00	91.68 -10.16 -0.31	64.21 -6.89 -0.02	49.69 -5.86 -0.15	37.55 -4.88 -0.28	43.90 -5.84 -1.06	35.94 -4.60 -5.35	66.18 -8.59 -10.38	128.36 -23.13 9.78	89.17 -22.55 42.79	47.91 -16.46 51.38	48.42 -19.24 64.37	27.78 -8.57 26.28	30.92 -7.53 29.61	29.53 -5.79 19.84
NIAGARA_230_LBMP 323716	84.77 -9.47 0.00	88.43 -10.09 0.00	86.45 -9.72 0.89	93.78 -10.53 0.00	99.38 -10.51 0.00	82.96 -7.61 -0.12	41.15 -3.24 -7.93	52.10 -5.14 -7.15	105.42 -12.64 12.00	112.60 -13.04 0.00	92.82 -9.02 -0.31	64.99 -6.10 -0.02	50.29 -5.26 -0.14	38.02 -4.41 -0.27	44.44 -5.29 -1.04	36.34 -4.14 -5.29	66.85 -7.81 -10.26	130.18 -21.30 9.79	90.10 -21.13 43.28	49.07 -15.52 51.15	49.98 -18.31 63.75	28.58 -8.21 25.83	31.98 -7.21 28.87	30.39 -5.53 19.24
NIAGARA__115KV_198_GIBSON 55903	84.32 -9.92 0.00	87.98 -10.54 0.00	85.99 -10.15 0.91	93.28 -11.02 0.00	98.91 -10.99 0.00	82.23 -8.33 -0.12	40.89 -3.59 -8.02	51.74 -5.52 -7.16	103.97 -13.78 12.30	111.29 -14.34 0.00	91.70 -10.14 -0.31	64.24 -6.86 -0.02	49.71 -5.84 -0.15	37.56 -4.87 -0.28	43.90 -5.85 -1.06	35.95 -4.59 -5.35	66.14 -8.63 -10.38	128.29 -23.19 9.78	89.19 -22.53 42.79	48.07 -16.30 51.38	48.44 -19.23 64.37	27.75 -8.61 26.28	30.89 -7.55 29.61	29.62 -5.70 19.84
NIAGARA____ 23760	84.77 -9.47 0.00	88.43 -10.09 0.00	86.43 -9.72 0.91	93.78 -10.53 0.00	99.38 -10.51 0.00	82.95 -7.61 -0.12	41.26 -3.24 -8.04	52.14 -5.14 -7.19	105.36 -12.64 12.06	112.60 -13.04 0.00	92.82 -9.02 -0.31	64.99 -6.10 -0.02	50.29 -5.26 -0.14	38.03 -4.41 -0.28	44.45 -5.29 -1.05	36.40 -4.14 -5.34	66.92 -7.81 -10.34	130.25 -21.30 9.71	91.00 -21.13 42.38	49.46 -15.52 50.76	50.14 -18.31 63.58	28.54 -8.21 25.88	31.72 -7.21 29.13	30.06 -5.53 19.57
NINE_MILE_1 23575	90.40 -3.84 0.00	94.38 -4.14 0.00	92.99 -4.07 0.00	99.92 -4.38 0.00	105.36 -4.54 0.00	87.19 -3.44 -0.17	38.69 -1.24 -3.47	53.42 -1.80 -5.12	125.94 -4.62 -0.50	120.97 -4.66 0.00	98.11 -3.55 -0.13	68.50 -2.58 -0.01	53.35 -2.11 -0.06	40.69 -1.58 -0.11	47.26 -1.86 -0.43	36.16 -1.19 -2.17	67.36 -2.29 -5.25	155.27 -6.00 0.00	148.68 -5.84 0.00	112.02 -4.38 -0.65	126.80 -5.24 0.00	62.37 -2.45 -2.20	66.08 -2.62 -0.65	54.18 -2.13 -1.14
NINE_MILE_2 23744	90.40 -3.84 0.00	94.38 -4.14 0.00	92.99 -4.07 0.00	99.92 -4.38 0.00	105.36 -4.54 0.00	87.19 -3.44 -0.17	38.68 -1.24 -3.47	53.40 -1.80 -5.11	125.94 -4.62 -0.50	120.98 -4.66 0.00	98.11 -3.55 -0.13	68.50 -2.58 -0.01	53.35 -2.11 -0.06	40.69 -1.57 -0.11	47.26 -1.86 -0.43	36.15 -1.19 -2.16	67.35 -2.29 -5.24	155.27 -6.00 0.00	148.69 -5.82 0.00	112.02 -4.38 -0.65	126.81 -5.23 0.00	62.36 -2.45 -2.19	66.08 -2.62 -0.64	54.17 -2.13 -1.14
NM_CAPITAL__DRP 24208	97.75 3.51 0.00	101.90 3.39 0.00	100.39 3.33 0.00	107.86 3.56 0.00	113.33 3.44 0.00	97.31 3.38 -3.49	122.63 1.49 -84.68	199.02 1.99 -146.93	166.72 5.14 -31.52	130.73 5.10 0.00	108.53 4.50 -2.50	74.25 3.05 -0.13	59.05 2.47 -1.18	46.14 1.75 -2.24	59.16 1.98 -8.49	79.67 1.40 -43.09	171.31 2.41 -104.51	166.64 5.37 0.00	174.98 5.24 -15.22	190.33 4.06 -70.52	153.91 4.45 -17.41	156.88 2.32 -91.93	125.40 2.71 -54.62	145.16 2.38 -87.62

NM_CENTRAL___DRP 24181	92.01 -2.23 0.00	96.04 -2.48 0.00	94.56 -2.50 0.00	101.63 -2.68 0.00	107.21 -2.69 0.00	88.99 -1.71 -0.25	40.96 -0.48 -4.99	56.72 -0.72 -7.35	128.97 -1.80 -0.72	123.74 -1.89 0.00	100.43 -1.28 -0.18	69.99 -1.10 -0.01	54.51 -0.98 -0.08	41.57 -0.74 -0.16	48.45 -0.85 -0.61	37.83 -0.45 -3.11	71.08 -0.85 -7.53	158.90 -2.36 0.00	152.10 -2.41 0.00	114.85 -1.83 -0.93	129.56 -2.49 0.00	64.61 -1.17 -3.15	67.70 -1.29 -0.92	55.69 -1.11 -1.64
NM_FRONTIER___DRP 24179	84.32 -9.92 0.00	87.98 -10.54 0.00	85.99 -10.15 0.91	93.28 -11.02 0.00	98.91 -10.99 0.00	82.23 -8.33 -0.12	40.89 -3.59 -8.02	51.74 -5.52 -7.16	103.97 -13.78 12.30	111.29 -14.34 0.00	91.70 -10.14 -0.31	64.24 -6.86 -0.02	49.71 -5.84 -0.15	37.56 -4.87 -0.28	43.90 -5.85 -1.06	35.95 -4.59 -5.35	66.14 -8.63 -10.38	128.29 -23.19 9.78	89.19 -22.53 42.79	48.07 -16.30 51.38	48.44 -19.23 64.37	27.75 -8.61 26.28	30.89 -7.55 29.61	29.62 -5.70 19.84
NM_ST_REGIS___HYD 24053	94.40 0.17 0.00	99.10 0.59 0.00	97.82 0.76 0.00	105.55 1.25 0.00	111.64 1.75 0.00	89.96 -0.48 0.00	35.72 -0.73 0.00	49.13 -0.97 0.00	128.23 -1.83 0.00	124.24 -1.39 0.00	100.02 -1.51 0.00	70.16 -0.92 0.00	54.64 -0.76 0.00	41.50 -0.65 0.00	47.86 -0.84 0.00	34.37 -0.82 0.00	63.59 -0.81 0.00	160.19 -1.07 0.00	153.73 -0.78 0.00	115.00 -0.75 0.00	131.51 -0.53 0.00	62.24 -0.39 0.00	67.95 -0.11 0.00	55.48 0.31 0.00
NORTHPORT___1 23551	101.38 7.14 0.00	105.28 6.76 0.00	103.43 6.37 0.00	111.22 6.92 0.00	116.08 6.18 0.00	104.38 6.82 -7.11	99.77 2.85 -60.47	151.08 3.85 -97.13	155.17 9.18 -15.94	135.68 9.20 -0.85	112.70 8.75 -2.43	77.43 6.16 -0.20	61.26 4.90 -0.96	48.68 3.75 -2.78	60.35 4.30 -7.36	73.75 3.04 -35.52	155.29 5.50 -85.39	173.74 12.47 0.00	171.55 11.55 -5.48	156.34 9.28 -31.32	148.63 10.31 -6.27	142.24 5.71 -73.90	126.22 6.10 -52.07	97.84 4.44 -38.24
NORTHPORT___2 23552	101.12 6.89 0.00	105.05 6.53 0.00	103.23 6.17 0.00	111.03 6.73 0.00	115.83 5.94 0.00	104.02 6.46 -7.11	99.63 2.71 -60.47	150.83 3.60 -97.13	154.56 8.56 -15.94	135.23 8.75 -0.85	112.56 8.60 -2.43	77.35 6.07 -0.20	61.21 4.84 -0.96	48.67 3.72 -2.79	60.35 4.30 -7.36	73.75 3.04 -35.52	155.29 5.50 -85.39	173.74 12.47 0.00	171.55 11.55 -5.48	156.34 9.28 -31.32	148.63 10.31 -6.27	142.24 5.71 -73.90	126.22 6.10 -52.07	97.84 4.44 -38.24
NORTHPORT___3 23553	101.16 6.92 0.00	105.09 6.58 0.00	103.27 6.21 0.00	111.07 6.77 0.00	115.99 6.10 0.00	104.12 6.56 -7.11	99.74 2.82 -60.47	151.01 3.78 -97.13	154.83 8.84 -15.94	135.42 8.94 -0.85	112.49 8.54 -2.43	77.34 6.06 -0.20	61.17 4.80 -0.96	48.68 3.71 -2.82	60.43 4.36 -7.37	73.78 3.06 -35.53	155.34 5.55 -85.39	173.96 12.69 0.00	171.87 11.87 -5.48	156.53 9.46 -31.32	148.71 10.40 -6.27	142.18 5.66 -73.90	126.16 6.03 -52.07	97.75 4.34 -38.24
NORTHPORT___4 23650	101.16 6.92 0.00	105.09 6.58 0.00	103.27 6.21 0.00	111.07 6.77 0.00	115.99 6.10 0.00	104.12 6.56 -7.11	99.74 2.82 -60.47	151.01 3.78 -97.13	154.83 8.84 -15.94	135.42 8.94 -0.85	112.49 8.54 -2.43	77.34 6.06 -0.20	61.17 4.80 -0.96	48.68 3.71 -2.82	60.43 4.36 -7.37	73.78 3.06 -35.53	155.34 5.55 -85.39	173.96 12.69 0.00	171.87 11.87 -5.48	156.53 9.46 -31.32	148.71 10.40 -6.27	142.18 5.66 -73.90	126.16 6.03 -52.07	97.75 4.34 -38.24
NORTHPORT___IC 23718	101.37 7.14 0.00	105.27 6.75 0.00	103.43 6.37 0.00	111.21 6.91 0.00	116.08 6.19 0.00	104.38 6.82 -7.11	99.77 2.85 -60.47	151.09 3.86 -97.13	155.15 9.15 -15.94	135.68 9.20 -0.85	112.70 8.75 -2.43	77.43 6.16 -0.20	61.26 4.90 -0.96	48.67 3.74 -2.78	60.35 4.30 -7.36	73.74 3.04 -35.52	155.29 5.50 -85.39	173.77 12.51 0.00	171.56 11.56 -5.48	156.32 9.25 -31.32	148.62 10.30 -6.27	142.24 5.71 -73.90	126.17 6.05 -52.07	97.82 4.41 -38.24
NORTH___COUNTRY_ESR 323785	92.16 -2.07 0.00	96.84 -1.68 0.00	95.81 -1.25 0.00	103.93 -0.37 0.00	109.96 0.07 0.00	88.76 -1.68 0.00	35.17 -1.28 0.00	48.35 -1.74 0.00	126.29 -3.77 0.00	121.07 -4.56 0.00	97.49 -4.04 0.00	68.45 -2.62 0.00	53.57 -1.83 0.00	40.78 -1.38 0.00	47.37 -1.32 0.00	34.38 -0.80 0.00	63.55 -0.85 0.00	159.84 -1.42 0.00	153.58 -0.94 0.00	114.97 -0.78 0.00	131.20 -0.84 0.00	62.05 -0.58 0.00	67.53 -0.53 0.00	55.11 -0.06 0.00
NPX_GEN_1385_PROXY 323591	101.17 6.94 0.00	105.20 6.68 0.00	103.45 6.39 0.00	110.76 6.46 0.00	115.54 5.64 0.00	104.82 7.26 -7.11	100.12 2.54 -61.13	162.09 3.25 -108.74	154.11 8.65 -15.40	135.68 9.20 -0.85	112.70 8.75 -2.43	77.43 6.16 -0.20	61.26 4.90 -0.96	48.64 3.73 -2.75	64.86 3.96 -12.21	73.45 2.75 -35.52	154.60 4.82 -85.39	172.86 11.60 0.00	170.94 10.94 -5.48	156.50 9.43 -31.32	148.59 10.28 -6.27	142.77 6.25 -73.90	127.21 7.08 -52.07	98.69 5.29 -38.24
NPX_GEN_CSC 323557	102.30 8.06 0.00	106.11 7.59 0.00	104.23 7.17 0.00	112.93 8.63 0.00	117.86 7.97 0.00	105.89 8.33 -7.11	100.53 3.61 -60.47	151.33 4.10 -97.13	155.34 9.34 -15.94	134.93 8.45 -0.85	112.41 8.45 -2.43	77.02 5.75 -0.20	60.66 4.29 -0.96	48.18 3.23 -2.80	64.74 3.82 -12.22	73.15 2.43 -35.53	155.30 5.51 -85.39	173.87 12.60 0.00	172.35 12.35 -5.48	157.22 10.15 -31.32	149.63 11.31 -6.27	142.58 6.05 -73.90	126.35 6.22 -52.07	97.82 4.41 -38.24
NSINS_S___GLNS_FALLS 23858	102.08 7.84 0.00	106.41 7.89 0.00	105.02 7.96 0.00	112.83 8.53 0.00	118.71 8.81 0.00	102.27 8.23 -3.60	137.83 3.78 -97.60	234.03 5.31 -178.63	189.59 13.78 -45.76	137.76 12.13 0.00	113.66 9.55 -2.58	77.14 5.93 -0.13	61.13 4.52 -1.21	47.64 3.18 -2.31	61.54 4.10 -8.76	83.00 3.40 -44.42	178.88 6.76 -107.72	178.20 16.93 0.00	195.09 16.61 -23.96	232.30 12.58 -103.97	173.52 14.07 -27.41	190.23 6.61 -120.99	154.87 6.95 -79.86	190.53 5.41 -129.96
NUCOR_STEEL___DRP 24197	93.24 -1.00 0.00	97.33 -1.19 0.00	96.27 -1.22 -0.43	103.01 -1.29 0.00	108.61 -1.28 0.00	90.17 -0.76 -0.49	43.71 -0.07 -7.32	63.67 -0.03 -13.60	137.74 -0.11 -7.80	125.23 -0.41 0.00	101.65 -0.13 -0.25	70.74 -0.35 -0.01	55.09 -0.43 -0.12	42.04 -0.34 -0.22	49.16 -0.37 -0.84	39.35 -0.11 -4.27	75.97 0.00 -11.57	165.12 -0.69 -4.54	169.66 -0.81 -15.95	137.15 -0.25 -21.66	155.50 -0.69 -24.16	78.67 -0.41 -16.45	83.13 -0.40 -15.47	68.59 -0.42 -13.85
NUMBER_THREE_WT_PWR 323818	92.52 -1.72 0.00	96.63 -1.89 0.00	95.18 -1.88 0.00	102.49 -1.81 0.00	111.29 1.40 0.00	91.57 1.03 -0.10	38.41 0.01 -1.95	53.17 0.19 -2.88	132.18 1.84 -0.28	129.12 3.49 0.00	104.61 3.01 -0.07	72.41 1.33 0.00	55.84 0.40 -0.03	42.30 0.08 -0.06	48.91 -0.03 -0.24	36.52 0.12 -1.22	69.55 2.20 -2.95	169.15 7.88 0.00	161.97 7.45 0.00	121.08 4.96 -0.36	136.39 4.35 0.00	65.33 1.47 -1.23	68.52 0.10 -0.36	55.73 -0.07 -0.64
NYISO_LBMP_REFERENCE 24008	94.24 0.00 0.00	98.52 0.00 0.00	97.06 0.00 0.00	104.30 0.00 0.00	109.89 0.00 0.00	90.45 0.00 0.00	36.45 0.00 0.00	50.10 0.00 0.00	130.05 0.00 0.00	125.64 0.00 0.00	101.53 0.00 0.00	71.08 0.00 0.00	55.40 0.00 0.00	42.15 0.00 0.00	48.69 0.00 0.00	35.19 0.00 0.00	64.40 0.00 0.00	161.27 0.00 0.00	154.52 0.00 0.00	115.75 0.00 0.00	132.04 0.00 0.00	62.63 0.00 0.00	68.06 0.00 0.00	55.16 0.00 0.00

NYPA_BRENTWD____GT 24164	102.38	106.27	104.39	112.32	117.26	105.31	100.14	151.55	156.26	136.95	113.72	78.15	61.83	49.08	60.86	74.16	156.18	174.76	172.76	157.75	150.28	143.06	127.03	98.43
	8.14	7.75	7.33	8.02	7.36	7.75	3.22	4.32	10.26	10.46	9.76	6.88	5.46	4.12	4.80	3.44	6.39	13.49	12.76	10.69	11.97	6.54	6.90	5.03
	0.00	0.00	0.00	0.00	0.00	-7.11	-60.47	-97.13	-15.94	-0.85	-2.43	-0.20	-0.96	-2.80	-7.37	-35.53	-85.39	0.00	-5.48	-31.32	-6.27	-73.90	-52.07	-38.24
NYPA_GOWANUS____GT5 24156	101.70	104.47	102.76	110.30	115.46	114.37	378.57	241.96	681.86	694.03	135.00	129.14	147.08	1708.93	275.36	91.07	158.65	174.77	172.94	157.19	148.77	120.79	98.20	97.41
	6.45	5.95	5.70	6.00	5.57	5.75	2.81	3.98	10.08	10.08	8.69	6.12	5.06	4.17	4.82	3.32	5.66	13.51	12.94	9.72	10.45	5.12	5.32	4.00
	-1.01	0.00	0.00	0.00	0.00	-18.17	-339.30	-187.88	-541.72	-558.31	-24.79	-51.94	-86.61	-1662.59	-221.85	-52.56	-88.59	0.00	-5.49	-31.72	-6.28	-53.05	-24.83	-38.25
NYPA_GOWANUS____GT6 24157	101.70	104.47	102.76	110.30	115.46	114.37	378.57	241.96	681.86	694.03	135.00	129.14	147.08	1708.93	275.36	91.07	158.65	174.77	172.94	157.19	148.77	120.79	98.20	97.41
	6.45	5.95	5.70	6.00	5.57	5.75	2.81	3.98	10.08	10.08	8.69	6.12	5.06	4.17	4.82	3.32	5.66	13.51	12.94	9.72	10.45	5.12	5.32	4.00
	-1.01	0.00	0.00	0.00	0.00	-18.17	-339.30	-187.88	-541.72	-558.31	-24.79	-51.94	-86.61	-1662.59	-221.85	-52.56	-88.59	0.00	-5.49	-31.72	-6.28	-53.05	-24.83	-38.25
NYPA_HARLEM__RVR__GT1 24160	100.14	103.92	102.29	109.75	114.94	98.74	99.67	151.19	156.98	136.99	112.79	77.34	61.27	50.04	61.01	74.27	155.33	174.27	172.55	156.58	148.53	120.72	98.09	97.18
	5.90	5.41	5.22	5.45	5.05	5.45	2.72	3.92	9.93	9.85	8.53	6.00	4.91	4.05	4.48	3.16	5.42	13.00	12.54	9.50	10.21	5.04	5.20	3.77
	0.00	0.00	0.00	0.00	0.00	-2.85	-60.49	-97.17	-16.99	-1.50	-2.72	-0.27	-0.96	-3.83	-7.84	-35.92	-85.51	0.00	-5.49	-31.33	-6.28	-53.05	-24.83	-38.25
NYPA_HARLEM__RVR__GT2 24161	100.14	103.92	102.29	109.75	114.94	98.74	99.67	151.19	156.98	136.99	112.79	77.34	61.27	50.04	61.01	74.27	155.33	174.27	172.55	156.58	148.53	120.72	98.09	97.18
	5.90	5.41	5.22	5.45	5.05	5.45	2.72	3.92	9.93	9.85	8.53	6.00	4.91	4.05	4.48	3.16	5.42	13.00	12.54	9.50	10.21	5.04	5.20	3.77
	0.00	0.00	0.00	0.00	0.00	-2.85	-60.49	-97.17	-16.99	-1.50	-2.72	-0.27	-0.96	-3.83	-7.84	-35.92	-85.51	0.00	-5.49	-31.33	-6.28	-53.05	-24.83	-38.25
NYPA_KENT____GT 24152	101.03	104.30	102.63	110.17	115.32	106.59	239.11	196.57	412.05	410.94	121.81	102.79	104.22	1039.66	184.68	80.23	156.39	174.51	172.66	156.78	148.52	120.68	98.10	97.34
	6.29	5.78	5.57	5.86	5.43	5.64	2.76	3.95	10.03	10.01	8.63	6.11	5.02	4.13	4.74	3.27	5.56	13.24	12.66	9.51	10.20	5.00	5.21	3.92
	-0.51	0.00	0.00	0.00	0.00	-10.51	-199.90	-142.53	-271.97	-275.29	-11.66	-25.60	-43.79	-993.37	-131.25	-41.77	-86.44	0.00	-5.49	-31.53	-6.28	-53.05	-24.83	-38.25
NYPA_POUCH1____GT 24155	64.41	66.79	61.88	60.85	62.46	58.75	69.45	182.14	183.97	219.42	-8.60	57.00	42.12	-499.95	44.30	53.78	135.88	154.19	149.38	139.21	125.94	109.36	90.65	90.15
	5.97	5.44	5.18	5.45	5.00	5.28	2.62	3.72	9.38	9.39	8.14	5.75	4.76	3.94	4.55	3.14	5.32	12.69	12.13	9.14	9.78	4.83	4.97	3.74
	35.79	37.17	40.36	48.90	52.43	36.97	-30.38	-128.32	-44.53	-84.39	118.26	19.82	18.05	546.05	8.95	-15.46	-66.16	19.77	17.26	-14.32	15.88	-41.89	-17.61	-31.24
NYPA_VERNON____GT2 24162	100.47	104.28	102.59	110.10	115.29	98.91	99.69	151.24	167.65	143.80	115.96	78.19	61.40	392.95	103.80	77.48	156.05	174.41	172.51	156.49	148.38	120.63	98.06	97.33
	6.23	5.76	5.53	5.80	5.39	5.61	2.75	3.97	10.07	10.08	8.71	6.13	5.04	4.15	4.72	3.27	5.52	13.14	12.51	9.41	10.07	4.96	5.17	3.91
	0.00	0.00	0.00	0.00	0.00	-2.85	-60.49	-97.17	-27.52	-8.09	-5.72	-0.98	-0.96	-346.65	-50.39	-39.03	-86.13	0.00	-5.49	-31.33	-6.28	-53.05	-24.83	-38.25
NYPA_VERNON____GT3 24163	100.47	104.28	102.59	110.10	115.29	98.91	99.69	151.24	167.65	143.80	115.96	78.19	61.40	392.95	103.80	77.48	156.05	174.41	172.51	156.49	148.38	120.63	98.06	97.33
	6.23	5.76	5.53	5.80	5.39	5.61	2.75	3.97	10.07	10.08	8.71	6.13	5.04	4.15	4.72	3.27	5.52	13.14	12.51	9.41	10.07	4.96	5.17	3.91
	0.00	0.00	0.00	0.00	0.00	-2.85	-60.49	-97.17	-27.52	-8.09	-5.72	-0.98	-0.96	-346.65	-50.39	-39.03	-86.13	0.00	-5.49	-31.33	-6.28	-53.05	-24.83	-38.25
NYPA__ASTORIA_CC1 323568	100.35	104.15	102.49	110.00	115.17	98.80	99.66	151.18	164.17	141.55	114.87	77.90	61.36	56.10	63.97	76.56	155.82	174.12	172.30	156.32	148.24	120.55	97.98	97.26
	6.12	5.64	5.43	5.70	5.28	5.51	2.71	3.91	9.94	9.93	8.58	6.06	4.99	4.10	4.67	3.22	5.42	12.85	12.30	9.24	9.92	4.87	5.09	3.84
	0.00	0.00	0.00	0.00	0.00	-2.85	-60.49	-97.17	-24.16	-5.99	-4.76	-0.76	-0.96	-9.85	-10.61	-38.16	-86.00	0.00	-5.49	-31.33	-6.28	-53.05	-24.83	-38.25
NYPA__ASTORIA_CC2 323569	100.35	104.15	102.49	110.00	115.17	98.80	99.66	151.18	164.17	141.55	114.87	77.90	61.36	56.10	63.97	76.56	155.82	174.12	172.30	156.32	148.24	120.55	97.98	97.26
	6.12	5.64	5.43	5.70	5.28	5.51	2.71	3.91	9.94	9.93	8.58	6.06	4.99	4.10	4.67	3.22	5.42	12.85	12.30	9.24	9.92	4.87	5.09	3.84
	0.00	0.00	0.00	0.00	0.00	-2.85	-60.49	-97.17	-24.16	-5.99	-4.76	-0.76	-0.96	-9.85	-10.61	-38.16	-86.00	0.00	-5.49	-31.33	-6.28	-53.05	-24.83	-38.25
NYPA__HOLTSVILL 23794	101.91	105.76	103.90	111.85	116.67	104.79	100.05	151.26	155.40	135.76	112.79	77.43	61.21	48.64	60.38	73.76	155.57	174.39	172.40	157.03	149.38	142.51	126.37	97.92
	7.67	7.24	6.84	7.55	6.78	7.23	3.13	4.03	9.40	9.27	8.84	6.15	4.84	3.68	4.32	3.04	5.78	13.12	12.40	9.96	11.06	5.99	6.24	4.52
	0.00	0.00	0.00	0.00	0.00	-7.11	-60.47	-97.13	-15.94	-0.85	-2.43	-0.20	-0.96	-2.80	-7.37	-35.53	-85.39	0.00	-5.48	-31.32	-6.27	-73.90	-52.07	-38.24
NYPA__HELLGATE_GT1 24158	100.14	103.92	102.29	109.75	114.94	98.74	99.67	151.19	156.98	136.99	112.79	77.34	61.27	50.04	61.01	74.27	155.33	174.27	172.55	156.58	148.53	120.72	98.09	97.18
	5.90	5.41	5.22	5.45	5.05	5.45	2.72	3.92	9.93	9.85	8.53	6.00	4.91	4.05	4.48	3.16	5.42	13.00	12.54	9.50	10.21	5.04	5.20	3.77
	0.00	0.00	0.00	0.00	0.00	-2.85	-60.49	-97.17	-16.99	-1.50	-2.72	-0.27	-0.96	-3.83	-7.84	-35.92	-85.51	0.00	-5.49	-31.33	-6.28	-53.05	-24.83	-38.25
NYPA__HELLGATE_GT2 24159	100.14	103.92	102.29	109.75	114.94	98.74	99.67	151.19	156.98	136.99	112.79	77.34	61.27	50.04	61.01	74.27	155.33	174.27	172.55	156.58	148.53	120.72	98.09	97.18
	5.90	5.41	5.22	5.45	5.05	5.45	2.72	3.92	9.93	9.85	8.53	6.00	4.91	4.05	4.48	3.16	5.42	13.00	12.54	9.50	10.21	5.04	5.20	3.77
	0.00	0.00	0.00	0.00	0.00	-2.85	-60.49	-97.17	-16.99	-1.50	-2.72	-0.27	-0.96	-3.83	-7.84	-35.92	-85.51	0.00	-5.49	-31.33	-6.28	-53.05	-24.83	-38.25
NYS_BARGE__HYD 23848	85.39	89.04	87.02	94.32	100.01	83.63	41.16	52.38	106.47	112.97	93.00	65.05	50.26	38.01	44.46	36.27	66.95	132.01	100.51	57.43	58.28	31.90	33.62	30.98
	-8.84	-9.48	-9.16	-9.98	-9.89	-6.93	-3.13	-4.82	-11.82	-12.66	-8.83	-6.04	-5.28	-4.42	-5.26	-4.14	-7.68	-20.89	-20.59	-15.28	-17.89	-8.08	-6.71	-5.16
	0.00	0.00	0.88	0.00	0.00	-0.12	-7.83	-7.10	11.77	0.00	-0.30	-0.02	-0.14	-0.27	-1.03	-5.22	-10.23	8.37	33.41	43.03	55.87	22.64	27.73	19.02

OAK ORCHARD___HYD 24046	89.57 -4.67 0.00	93.42 -5.10 0.00	91.52 -4.94 0.59	98.93 -5.37 0.00	104.70 -5.20 0.00	87.21 -3.38 -0.15	41.46 -1.24 -6.26	53.34 -2.06 -5.30	116.68 -4.86 8.52	120.24 -5.39 0.00	98.30 -3.48 -0.25	68.66 -2.43 -0.01	53.22 -2.30 -0.12	40.36 -2.02 -0.22	47.18 -2.36 -0.85	37.78 -1.71 -4.30	69.97 -3.18 -8.75	146.03 -9.01 6.23	124.20 -9.13 21.18	82.42 -6.79 26.53	90.43 -8.42 33.19	46.50 -3.80 12.33	46.21 -3.36 18.49	38.55 -2.67 13.94
OAKDALE___35_KV_LOAD 356122	92.94 -1.30 0.00	97.04 -1.48 0.00	94.72 -1.68 0.66	102.53 -1.77 0.00	108.01 -1.89 0.00	90.12 -1.01 -0.68	55.08 -0.29 -18.91	76.09 -0.46 -26.45	123.30 -1.08 5.67	125.04 -0.59 0.00	102.24 0.06 -0.65	70.87 -0.24 -0.03	55.34 -0.37 -0.31	42.43 -0.31 -0.58	50.72 -0.18 -2.21	46.33 -0.08 -11.22	89.56 -0.11 -25.27	153.32 -0.61 7.33	133.24 -0.93 20.35	93.19 -0.85 21.70	94.53 -1.57 35.94	60.32 -0.67 1.64	53.30 -0.64 14.12	49.36 -0.67 5.13
OCC_CHEM___DRP 24175	84.42 -9.81 0.00	88.08 -10.44 0.00	86.09 -10.06 0.91	93.38 -10.92 0.00	99.02 -10.87 0.00	82.36 -8.21 -0.12	40.96 -3.52 -8.03	51.82 -5.44 -7.16	104.14 -13.58 12.34	111.48 -14.16 0.00	91.82 -10.02 -0.31	64.35 -6.75 -0.02	49.78 -5.77 -0.15	37.62 -4.82 -0.28	43.96 -5.79 -1.06	36.02 -4.53 -5.36	66.24 -8.54 -10.38	128.51 -22.94 9.81	89.23 -22.33 42.96	48.00 -16.16 51.58	48.34 -19.09 64.61	27.69 -8.55 26.40	30.85 -7.49 29.72	29.61 -5.64 19.91
OH_GEN_PROXY 24063	84.93 -9.31 0.00	88.57 -9.95 0.00	86.57 -9.60 0.88	93.90 -10.40 0.00	99.51 -10.39 0.00	83.03 -7.54 -0.13	41.25 -3.18 -7.99	52.32 -5.02 -7.25	105.81 -12.30 11.95	112.97 -12.66 0.00	93.11 -8.72 -0.31	65.14 -5.96 -0.02	50.43 -5.12 -0.14	38.15 -4.28 -0.27	49.46 -5.14 -5.91	36.48 -4.03 -5.32	67.17 -7.57 -10.35	130.90 -20.66 9.71	92.07 -20.52 41.92	51.08 -15.09 49.57	52.11 -17.85 62.08	29.78 -8.02 24.83	32.53 -7.07 28.46	30.61 -5.45 19.10
OLIN_CORP_DRP 24177	84.59 -9.65 0.00	88.22 -10.29 0.00	86.19 -9.94 0.93	93.48 -10.82 0.00	99.14 -10.76 0.00	82.85 -7.71 -0.12	41.01 -3.54 -8.10	51.93 -5.34 -7.18	104.16 -13.34 12.55	111.47 -14.17 0.00	91.89 -9.95 -0.31	64.39 -6.70 -0.02	49.78 -5.78 -0.15	37.62 -4.81 -0.28	43.97 -5.79 -1.07	36.04 -4.56 -5.41	66.27 -8.61 -10.48	128.30 -23.23 9.73	89.68 -23.00 41.83	47.77 -16.90 51.08	47.96 -19.67 64.42	27.31 -8.91 26.41	30.51 -7.35 30.20	29.27 -5.52 20.37
OLIN_CORP_DSASP 323712	84.41 -9.82 0.00	88.07 -10.45 0.00	86.09 -10.06 0.91	93.37 -10.93 0.00	99.00 -10.89 0.00	82.36 -8.21 -0.12	40.97 -3.52 -8.03	51.80 -5.46 -7.16	104.15 -13.57 12.34	111.44 -14.20 0.00	91.82 -10.01 -0.31	64.33 -6.76 -0.02	49.76 -5.80 -0.15	37.60 -4.83 -0.28	43.96 -5.79 -1.06	36.01 -4.54 -5.36	66.29 -8.49 -10.38	128.56 -22.90 9.81	89.18 -22.38 42.96	47.82 -16.35 51.58	48.33 -19.10 64.61	27.73 -8.50 26.40	30.88 -7.46 29.72	29.51 -5.74 19.91
ONEIDA_HERK_LFGE 323681	95.14 0.90 0.00	99.35 0.83 0.00	97.85 0.79 0.00	105.27 0.96 0.00	112.33 2.44 0.00	92.77 2.25 -0.08	38.99 0.86 -1.68	53.84 1.27 -2.48	134.22 3.92 -0.24	129.98 4.35 0.00	105.17 3.59 -0.06	73.12 2.04 0.00	56.72 1.29 -0.03	43.10 0.89 -0.05	49.91 1.01 -0.21	37.10 0.87 -1.04	69.47 2.54 -2.54	168.69 7.43 0.00	161.54 7.03 0.00	121.00 4.94 -0.31	136.87 4.83 0.00	65.73 2.04 -1.06	69.87 1.49 -0.31	56.76 1.05 -0.55
ONEIDA___115KV_TB4 55905	95.91 1.67 0.00	100.26 1.75 0.00	98.84 1.78 0.00	106.28 1.98 0.00	112.44 2.55 0.00	93.29 2.69 -0.16	40.95 1.29 -3.22	56.62 1.78 -4.75	135.30 4.78 -0.47	129.93 4.29 0.00	105.07 3.42 -0.12	72.98 1.89 -0.01	56.77 1.31 -0.06	43.25 0.99 -0.10	50.34 1.25 -0.39	38.26 1.07 -2.01	71.77 2.51 -4.86	168.04 6.77 0.00	160.90 6.38 0.00	120.84 4.49 -0.60	136.57 4.53 0.00	66.71 2.05 -2.03	70.57 1.91 -0.60	57.56 1.34 -1.06
ONONDAGA_REF_OCCRA 23987	92.73 -1.51 0.00	96.79 -1.73 0.00	95.58 -1.78 -0.30	102.40 -1.90 0.00	108.02 -1.87 0.00	89.81 -1.05 -0.42	42.75 -0.20 -6.50	61.36 -0.32 -11.59	135.01 -0.79 -5.75	124.81 -0.83 0.00	101.22 -0.53 -0.22	70.49 -0.60 -0.01	54.93 -0.58 -0.10	41.91 -0.44 -0.20	48.95 -0.50 -0.76	38.82 -0.20 -3.84	74.30 -0.28 -10.19	163.59 -0.91 -3.23	164.88 -0.95 -11.31	130.63 -0.78 -15.65	147.97 -1.27 -17.20	74.52 -0.63 -12.52	78.59 -0.72 -11.25	64.76 -0.68 -10.28
ONONDAGA___COGEN 23986	92.62 -1.62 0.00	96.70 -1.82 0.00	95.21 -1.85 0.00	102.31 -1.99 0.00	107.92 -1.97 0.00	89.56 -1.18 -0.29	41.92 -0.26 -5.73	58.13 -0.42 -8.45	129.81 -1.07 -0.83	124.44 -1.19 0.00	100.96 -0.77 -0.21	70.34 -0.74 -0.01	54.81 -0.69 -0.10	41.82 -0.52 -0.18	48.82 -0.57 -0.70	38.50 -0.26 -3.57	72.63 -0.42 -8.66	159.88 -1.38 0.00	153.12 -1.40 0.00	115.79 -1.03 -1.07	130.51 -1.53 0.00	65.49 -0.75 -3.62	68.28 -0.84 -1.06	56.28 -0.76 -1.88
ONTARIO___LFGE 23819	91.81 -2.42 0.00	95.59 -2.93 0.00	92.60 -3.18 1.28	100.68 -3.62 0.00	106.46 -3.43 0.00	88.67 -1.75 0.03	43.20 -0.38 -7.12	52.42 -0.73 -3.05	109.08 -1.90 19.08	123.40 -2.24 0.00	100.89 -0.94 -0.29	70.43 -0.66 -0.02	54.69 -0.86 -0.14	41.67 -0.75 -0.26	48.74 -0.96 -1.00	39.79 -0.47 -5.08	72.32 -0.72 -8.65	144.59 -2.97 13.70	110.94 -2.90 40.67	64.57 -2.28 48.90	65.60 -2.78 63.66	37.82 -1.36 23.46	29.25 -1.35 37.47	24.27 -1.25 29.64
ORANGEVILLE_WT_PWR 323706	85.17 -9.07 0.00	88.64 -9.88 0.00	85.52 -10.15 1.39	93.37 -10.93 0.00	99.09 -10.81 0.00	82.89 -7.60 -0.05	42.67 -3.11 -9.32	51.27 -4.75 -5.92	98.32 -11.45 20.28	115.20 -10.44 0.00	95.18 -6.72 -0.37	66.36 -4.74 -0.02	51.14 -4.45 -0.18	38.73 -3.76 -0.33	45.48 -4.49 -1.27	38.41 -3.22 -6.45	70.43 -5.62 -11.65	131.16 -15.16 14.95	46.84 -15.56 92.12	-9.76 -12.37 113.14	-17.17 -14.80 134.41	-9.29 -6.85 65.07	7.63 -6.51 53.92	17.13 -5.20 32.83
ORANGEVILLE___ESR 323794	85.17 -9.07 0.00	88.64 -9.88 0.00	85.52 -10.15 1.39	93.37 -10.93 0.00	99.09 -10.81 0.00	82.89 -7.60 -0.05	42.67 -3.11 -9.32	51.27 -4.75 -5.92	98.32 -11.45 20.28	115.20 -10.44 0.00	95.18 -6.72 -0.37	66.36 -4.74 -0.02	51.14 -4.45 -0.18	38.73 -3.76 -0.33	45.48 -4.49 -1.27	38.41 -3.22 -6.45	70.43 -5.62 -11.65	131.16 -15.16 14.95	46.84 -15.56 92.12	-9.76 -12.37 113.14	-17.17 -14.80 134.41	-9.29 -6.85 65.07	7.63 -6.51 53.92	17.13 -5.20 32.83
OSWEGATCHIE___HYD 24044	93.43 -0.80 0.00	97.85 -0.67 0.00	96.43 -0.63 0.00	103.87 -0.43 0.00	111.15 1.25 0.00	90.45 -0.07 -0.07	37.44 -0.45 -1.44	51.74 -0.48 -2.13	129.89 -0.37 -0.21	126.44 0.80 0.00	102.10 0.52 -0.05	71.06 -0.02 0.00	55.08 -0.35 -0.02	41.76 -0.44 -0.05	48.19 -0.68 -0.18	35.51 -0.57 -0.90	66.90 0.32 -2.18	163.86 2.59 0.00	156.96 2.44 0.00	117.46 1.45 -0.27	133.16 1.12 0.00	63.77 0.24 -0.91	68.07 -0.26 -0.27	55.54 -0.09 -0.47
OSWEGO___5 23606	91.07 -3.16 0.00	95.11 -3.41 0.00	93.66 -3.40 0.00	100.65 -3.65 0.00	106.15 -3.74 0.00	87.89 -2.76 -0.20	39.50 -0.98 -4.02	54.60 -1.43 -5.93	126.97 -3.67 -0.58	121.91 -3.72 0.00	98.92 -2.75 -0.15	69.02 -2.06 -0.01	53.77 -1.70 -0.07	41.00 -1.28 -0.13	47.68 -1.51 -0.50	36.75 -0.94 -2.51	68.68 -1.80 -6.08	156.52 -4.75 0.00	149.89 -4.63 0.00	113.02 -3.48 -0.75	127.79 -4.25 0.00	63.16 -2.01 -2.54	66.67 -2.13 -0.75	54.74 -1.74 -1.32

OSWEGO___6 23613	91.07 -3.16 0.00	95.11 -3.41 0.00	93.66 -3.40 0.00	100.65 -3.65 0.00	106.15 -3.74 0.00	87.89 -2.76 -0.20	39.50 -0.98 -4.02	54.60 -1.43 -5.93	126.97 -3.67 -0.58	121.91 -3.72 0.00	98.92 -2.75 -0.15	69.02 -2.06 -0.01	53.77 -1.70 -0.07	41.00 -1.28 -0.13	47.68 -1.51 -0.50	36.75 -0.94 -2.51	68.68 -1.80 -6.08	156.52 -4.75 0.00	149.89 -4.63 0.00	113.02 -3.48 -0.75	127.79 -4.25 0.00	63.16 -2.01 -2.54	66.67 -2.13 -0.75	54.74 -1.74 -1.32
OUTOKUMPU-AB___DRP 24206	86.26 -7.97 0.00	90.01 -8.51 0.00	87.83 -8.28 0.95	95.29 -9.01 0.00	101.01 -8.89 0.00	84.27 -6.29 -0.12	41.80 -2.80 -8.15	52.84 -4.43 -7.17	106.34 -10.94 12.77	114.16 -11.48 0.00	93.94 -7.91 -0.32	65.70 -5.39 -0.02	50.79 -4.76 -0.15	38.40 -4.04 -0.28	44.92 -4.85 -1.07	36.87 -3.77 -5.46	67.84 -7.10 -10.54	132.17 -19.24 9.85	93.03 -18.92 42.56	49.71 -13.87 52.16	49.75 -16.55 65.74	28.03 -7.47 27.12	31.05 -6.19 30.82	29.70 -4.68 20.79
OXBOW___BTM 323836	85.51 -8.72 0.00	89.24 -9.28 0.00	87.14 -8.98 0.93	94.51 -9.79 0.00	100.21 -9.68 0.00	83.50 -7.07 -0.12	41.47 -3.08 -8.09	52.40 -4.86 -7.17	105.48 -12.02 12.56	112.82 -12.82 0.00	92.56 -9.28 -0.31	64.73 -6.37 -0.02	50.04 -5.51 -0.15	37.84 -4.60 -0.28	44.26 -5.50 -1.07	36.45 -4.15 -5.41	67.22 -7.64 -10.46	130.74 -20.68 9.84	91.40 -20.26 42.85	48.93 -14.87 51.95	49.27 -17.52 65.25	28.02 -7.82 26.79	31.12 -6.65 30.29	29.68 -5.13 20.36
OXBOW____ 24026	85.53 -8.71 0.00	89.23 -9.28 0.00	87.15 -8.97 0.93	94.53 -9.77 0.00	100.24 -9.66 0.00	83.49 -7.07 -0.12	41.46 -3.08 -8.09	52.43 -4.83 -7.17	105.46 -12.04 12.56	112.84 -12.80 0.00	92.58 -9.27 -0.31	64.76 -6.33 -0.02	50.07 -5.48 -0.15	37.85 -4.59 -0.28	44.26 -5.50 -1.07	36.47 -4.13 -5.41	67.18 -7.68 -10.46	130.69 -20.73 9.84	91.44 -20.22 42.85	49.05 -14.75 51.95	49.27 -17.52 65.25	27.97 -7.87 26.79	31.09 -6.68 30.29	29.76 -5.04 20.36
OXY_CHEM_DSASP 323612	84.42 -9.81 0.00	88.08 -10.44 0.00	86.09 -10.06 0.91	93.38 -10.92 0.00	99.02 -10.87 0.00	82.36 -8.21 -0.12	40.96 -3.52 -8.03	51.82 -5.44 -7.16	104.14 -13.58 12.34	111.48 -14.16 0.00	91.82 -10.02 -0.31	64.35 -6.75 -0.02	49.78 -5.77 -0.15	37.62 -4.82 -0.28	43.96 -5.79 -1.06	36.02 -4.53 -5.36	66.24 -8.54 -10.38	128.51 -22.94 9.81	89.23 -22.33 42.96	48.00 -16.16 51.58	48.34 -19.09 64.61	27.69 -8.55 26.40	30.85 -7.49 29.72	29.61 -5.64 19.91
OZONE_PARK_ESR 323760	101.11 6.87 0.00	104.88 6.36 0.00	103.17 6.11 0.00	110.73 6.43 0.00	115.94 6.05 0.00	99.62 6.33 -2.85	99.96 3.02 -60.49	151.68 4.42 -97.16	156.95 11.23 -15.66	137.50 11.19 -0.67	113.41 9.54 -2.35	77.97 6.72 -0.18	61.78 5.42 -0.96	49.29 4.41 -2.72	61.08 5.05 -7.33	74.21 3.51 -35.51	155.86 6.06 -85.41	175.90 14.64 0.00	174.11 14.11 -5.48	157.63 10.56 -31.32	149.76 11.45 -6.27	121.26 5.59 -53.05	98.62 5.74 -24.83	97.74 4.33 -38.25
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	84.42 -9.81 0.00	88.08 -10.44 0.00	86.09 -10.06 0.91	93.38 -10.92 0.00	99.02 -10.87 0.00	82.36 -8.21 -0.12	40.96 -3.52 -8.03	51.82 -5.44 -7.16	104.14 -13.58 12.34	111.48 -14.16 0.00	91.82 -10.02 -0.31	64.35 -6.75 -0.02	49.78 -5.77 -0.15	37.62 -4.82 -0.28	43.96 -5.79 -1.06	36.02 -4.53 -5.36	66.24 -8.54 -10.38	128.51 -22.94 9.81	89.23 -22.33 42.96	48.00 -16.16 51.58	48.34 -19.09 64.61	27.69 -8.55 26.40	30.85 -7.49 29.72	29.61 -5.64 19.91
PACKARD__115KV_DUPONT_184 80571	84.42 -9.81 0.00	88.08 -10.44 0.00	86.09 -10.06 0.91	93.38 -10.92 0.00	99.02 -10.87 0.00	82.36 -8.21 -0.12	40.96 -3.52 -8.03	51.82 -5.44 -7.16	104.14 -13.58 12.34	111.48 -14.16 0.00	91.82 -10.02 -0.31	64.35 -6.75 -0.02	49.78 -5.77 -0.15	37.62 -4.82 -0.28	43.96 -5.79 -1.06	36.02 -4.53 -5.36	66.24 -8.54 -10.38	128.51 -22.94 9.81	89.23 -22.33 42.96	48.00 -16.16 51.58	48.34 -19.09 64.61	27.69 -8.55 26.40	30.85 -7.49 29.72	29.61 -5.64 19.91
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	100.09 5.85 0.00	103.86 5.34 0.00	102.24 5.18 0.00	109.70 5.39 0.00	114.91 5.02 0.00	98.69 5.39 -2.85	99.63 2.68 -60.49	151.12 3.86 -97.17	156.83 9.72 -17.05	136.81 9.63 -1.54	112.61 8.34 -2.74	77.21 5.86 -0.27	61.17 4.81 -0.96	49.94 3.91 -3.88	60.93 4.38 -7.86	74.22 3.09 -35.94	155.23 5.32 -85.51	173.98 12.71 0.00	172.22 12.22 -5.49	156.29 9.22 -31.33	148.25 9.93 -6.28	120.55 4.87 -53.05	97.89 5.00 -24.83	97.26 3.84 -38.25
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	100.33 6.09 0.00	104.15 5.64 0.00	102.28 5.22 0.00	109.71 5.40 0.00	114.92 5.03 0.00	98.69 5.39 -2.85	99.63 2.69 -60.49	151.14 3.88 -97.17	157.28 10.18 -17.05	137.17 10.00 -1.54	112.82 8.55 -2.74	77.38 6.03 -0.27	61.20 4.84 -0.96	49.96 3.93 -3.88	60.99 4.43 -7.86	74.24 3.11 -35.94	155.23 5.32 -85.51	174.45 13.18 0.00	172.43 12.43 -5.49	156.42 9.34 -31.33	148.42 10.11 -6.28	120.66 4.98 -53.05	97.98 5.09 -24.83	97.46 4.04 -38.25
PATROON__115KV_TB1 80586	97.84 3.61 0.00	102.00 3.49 0.00	100.48 3.42 0.00	107.97 3.67 0.00	113.45 3.56 0.00	97.47 3.51 -3.51	125.07 1.56 -87.06	204.91 2.09 -152.72	169.55 5.40 -34.09	130.95 5.31 0.00	108.64 4.60 -2.52	74.33 3.12 -0.13	59.15 2.57 -1.18	46.23 1.82 -2.25	59.29 2.05 -8.55	80.00 1.46 -43.36	172.10 2.54 -105.16	167.01 5.75 0.00	176.90 5.59 -16.80	196.59 4.28 -76.56	155.92 4.66 -19.21	162.19 2.36 -97.20	129.98 2.74 -59.18	152.87 2.44 -95.26
PATTRSNVILLE__SOLAR 323815	98.11 3.88 0.00	102.36 3.84 0.00	100.83 3.77 0.00	108.37 4.07 0.00	114.10 4.21 0.00	98.07 3.92 -3.70	139.54 1.83 -101.25	238.52 2.56 -185.86	184.56 6.38 -48.12	130.55 4.92 0.00	107.90 3.72 -2.65	73.48 2.27 -0.14	58.34 1.69 -1.25	45.73 1.20 -2.37	59.22 1.52 -9.00	82.28 1.40 -45.69	178.52 3.32 -110.80	170.13 8.86 0.00	188.40 8.65 -25.24	231.40 6.49 -109.17	167.94 7.03 -28.86	192.27 3.32 -126.32	155.44 3.49 -83.88	194.61 2.65 -136.79
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	87.42 -6.82 0.00	91.20 -7.31 0.00	88.78 -7.19 1.09	96.57 -7.73 0.00	102.29 -7.61 0.00	85.40 -5.15 -0.11	43.06 -2.26 -8.87	54.24 -3.37 -7.52	107.47 -8.01 14.57	117.41 -8.22 0.00	96.67 -5.20 -0.35	67.53 -3.56 -0.02	52.25 -3.32 -0.16	39.59 -2.87 -0.31	46.40 -3.47 -1.18	38.37 -2.78 -5.97	70.47 -5.26 -11.34	135.20 -14.41 11.65	90.21 -14.25 50.06	44.48 -10.65 60.62	43.20 -13.03 75.81	25.42 -5.83 31.37	27.71 -4.80 35.55	27.32 -3.64 24.20
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	101.04 6.81 0.00	104.98 6.47 0.00	103.25 6.19 0.00	110.91 6.60 0.00	116.28 6.39 0.00	99.77 6.45 -2.88	100.66 3.05 -61.16	152.78 4.40 -98.29	155.97 11.11 -14.80	136.38 10.74 0.00	112.75 9.16 -2.06	77.52 6.33 -0.11	61.42 5.04 -0.97	47.92 3.92 -1.85	60.30 4.59 -7.01	74.09 3.35 -35.55	156.62 5.99 -86.23	175.88 14.61 0.00	174.26 14.17 -5.58	158.20 10.67 -31.79	150.07 11.65 -6.38	121.97 5.63 -53.71	99.06 5.82 -25.18	98.30 4.33 -38.81
PEEKSKILL____ 23653	99.56 5.32 0.00	103.39 4.87 0.00	101.70 4.64 0.00	109.26 4.96 0.00	114.40 4.51 0.00	98.13 4.86 -2.82	98.72 2.40 -59.87	149.73 3.46 -96.17	153.24 8.74 -14.44	134.30 8.66 0.00	111.08 7.53 -2.02	76.41 5.22 -0.10	60.56 4.21 -0.95	47.32 3.35 -1.81	59.45 3.89 -6.87	72.78 2.77 -34.83	153.67 4.81 -84.47	172.75 11.49 0.00	171.02 11.07 -5.43	155.13 8.38 -31.01	147.29 9.04 -6.21	119.60 4.47 -52.50	97.26 4.63 -24.57	96.43 3.41 -37.86

PGE MADISON___WINDPWR 24146	96.95 2.72 0.00	101.72 3.20 0.00	102.12 3.46 -1.59	106.83 2.53 0.00	112.51 2.62 0.00	94.73 2.86 -1.43	59.49 1.71 -21.32	97.93 2.20 -45.63	167.51 6.16 -31.29	131.46 5.83 0.00	106.93 4.77 -0.63	73.69 2.58 -0.03	56.64 0.94 -0.30	43.80 1.08 -0.56	53.19 2.35 -2.14	48.92 2.87 -10.87	102.26 6.94 -30.91	198.58 20.30 -17.01	238.91 19.40 -64.99	220.13 12.53 -91.85	239.62 10.99 -96.59	132.90 4.03 -66.24	135.73 3.90 -63.78	116.24 2.08 -58.99
PIERCEFIELD___HYD 23852	94.37 0.14 0.00	99.06 0.55 0.00	97.72 0.67 0.00	105.30 0.99 0.00	111.34 1.44 0.00	89.69 -0.75 0.00	35.62 -0.83 0.00	49.00 -1.10 0.00	127.76 -2.30 0.00	124.12 -1.52 0.00	99.92 -1.61 0.00	70.09 -0.99 0.00	54.56 -0.84 0.00	41.42 -0.74 0.00	47.68 -1.01 0.00	34.14 -1.05 0.00	63.12 -1.28 0.00	159.10 -2.17 0.00	152.52 -2.00 0.00	114.07 -1.67 0.00	130.50 -1.54 0.00	61.81 -0.82 0.00	67.52 -0.54 0.00	55.14 -0.02 0.00
PINELAWN_CC_1 323563	101.80 7.56 0.00	105.60 7.08 0.00	103.72 6.66 0.00	111.58 7.28 0.00	116.59 6.69 0.00	104.71 7.15 -7.11	100.02 3.10 -60.47	151.48 4.26 -97.13	156.16 10.16 -15.94	136.49 10.01 -0.85	113.10 9.14 -2.43	77.75 6.47 -0.20	61.52 5.16 -0.96	48.65 3.66 -2.84	60.22 4.15 -7.38	73.67 2.95 -35.54	155.08 5.30 -85.39	173.05 11.78 0.00	171.16 11.16 -5.48	155.96 8.89 -31.32	148.18 9.86 -6.27	142.11 5.59 -73.90	126.51 6.38 -52.07	98.01 4.61 -38.24
PJM_GEN_HTP_PROXY 323702	100.11 5.88 0.00	103.92 5.40 0.00	102.25 5.19 0.00	109.79 5.49 0.00	114.96 5.07 0.00	98.75 5.45 -2.85	99.57 2.63 -60.48	151.08 3.83 -97.15	155.69 9.76 -15.88	136.18 9.74 -0.81	112.35 8.41 -2.41	77.18 5.91 -0.19	61.17 4.80 -0.96	53.79 3.90 -7.73	62.39 4.47 -9.23	69.55 3.10 -31.26	153.31 5.33 -83.59	173.93 12.67 0.00	172.27 12.27 -5.48	156.30 9.23 -31.32	148.27 9.95 -6.27	120.53 4.87 -53.04	97.91 5.02 -24.82	97.15 3.74 -38.25
PJM_GEN_KEystone 24065	90.73 -0.93 2.58	94.56 -1.36 2.60	42.57 -1.52 52.98	48.92 -1.61 53.78	47.17 -1.97 60.76	47.09 -0.80 42.56	25.22 -1.61 9.62	65.47 -2.44 -17.81	-3.27 -5.87 127.47	5.31 -5.30 115.03	89.58 -3.25 8.70	53.04 -2.47 15.56	8.32 -2.07 45.01	-141.04 -1.68 181.51	26.63 -1.81 20.25	41.31 -1.50 -7.63	87.64 -2.98 -26.22	140.13 -8.66 12.47	105.20 -8.85 40.47	11.59 -6.69 97.47	19.38 -8.31 104.35	35.24 -3.61 23.78	31.31 -3.35 33.39	25.02 -2.71 27.43
PJM_GEN_NEPTUNE_PROXY 323594	100.66 6.42 0.00	104.46 5.94 0.00	102.66 5.60 0.00	110.41 6.11 0.00	115.46 5.57 0.00	101.62 6.05 -5.13	99.61 2.69 -60.47	150.96 3.74 -97.13	155.03 9.04 -15.94	135.51 9.03 -0.85	112.21 8.26 -2.43	77.11 5.83 -0.20	61.05 4.69 -0.96	53.49 3.67 -7.67	62.17 4.27 -9.21	69.41 3.00 -31.23	153.24 5.28 -83.57	173.54 12.28 0.00	171.64 11.64 -5.48	156.22 9.15 -31.32	148.39 10.07 -6.27	132.12 5.25 -64.24	113.01 5.49 -39.45	97.37 3.97 -38.24
PJM_GEN_VFT_PROXY 323633	53.43 5.31 46.12	53.40 4.79 49.91	51.38 4.59 50.27	51.38 4.86 57.78	51.38 4.31 62.83	33.14 4.88 62.19	-209.60 2.39 248.44	-3.56 3.51 57.17	-1153.95 8.91 1292.91	-506.44 8.96 641.03	-12.27 7.74 121.53	9.51 5.44 67.01	-43.85 4.44 103.70	-2183.80 3.71 2229.66	-146.66 4.23 199.58	55.97 2.87 -17.92	135.36 4.87 -66.09	152.99 11.49 19.77	148.37 11.12 17.26	138.02 8.35 -13.92	125.08 8.92 15.89	105.57 4.40 -38.55	77.74 4.48 -5.19	87.91 3.34 -29.40
PLATSBURG_115KV_PMLD1 355749	93.31 -0.92 0.00	98.04 -0.48 0.00	96.99 -0.07 0.00	105.06 0.76 0.00	111.01 1.11 0.00	89.48 -0.97 0.00	35.53 -0.92 0.00	48.58 -1.51 0.00	127.10 -2.96 0.00	121.56 -4.08 0.00	98.07 -3.46 0.00	68.88 -2.19 0.00	53.96 -1.44 0.00	41.05 -1.11 0.00	47.85 -0.85 0.00	34.77 -0.42 0.00	64.28 -0.12 0.00	161.62 0.36 0.00	155.58 1.06 0.00	116.46 0.71 0.00	132.72 0.68 0.00	62.70 0.07 0.00	68.22 0.15 0.00	55.80 0.64 0.00
PLEASANTVLY___LBMP 24000	99.41 5.17 0.00	103.31 4.79 0.00	101.65 4.59 0.00	109.18 4.87 0.00	114.42 4.53 0.00	98.18 4.77 -2.97	101.82 2.30 -63.07	154.75 3.31 -101.35	153.65 8.35 -15.25	133.87 8.23 0.00	110.86 7.20 -2.13	76.17 4.99 -0.11	60.41 4.01 -1.00	47.17 3.12 -1.90	59.58 3.66 -7.23	74.50 2.64 -36.67	157.92 4.57 -88.95	172.06 10.79 0.00	170.66 10.40 -5.74	156.41 7.92 -32.74	147.20 8.59 -6.57	122.23 4.24 -55.36	98.44 4.44 -25.94	98.45 3.31 -39.98
PLSNTVLE_13_KV_13.8KVDIST 80602	99.96 5.72 0.00	103.82 5.30 0.00	102.16 5.10 0.00	109.76 5.46 0.00	114.95 5.06 0.00	98.67 5.35 -2.87	99.96 2.57 -60.93	151.67 3.71 -97.87	155.13 9.33 -15.74	135.53 9.24 -0.66	111.91 8.02 -2.36	76.83 5.58 -0.18	60.87 4.50 -0.97	48.43 3.55 -2.72	60.25 4.18 -7.38	73.90 2.95 -35.76	155.54 5.11 -86.03	173.43 12.17 0.00	171.84 11.79 -5.52	156.22 8.92 -31.55	147.94 9.58 -6.32	120.77 4.72 -53.43	97.91 4.85 -25.00	97.34 3.66 -38.52
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	99.96 5.72 0.00	103.82 5.30 0.00	102.16 5.10 0.00	109.76 5.46 0.00	114.95 5.06 0.00	98.67 5.35 -2.87	99.96 2.57 -60.93	151.67 3.71 -97.87	155.13 9.33 -15.74	135.53 9.24 -0.66	111.91 8.02 -2.36	76.83 5.58 -0.18	60.87 4.50 -0.97	48.43 3.55 -2.72	60.25 4.18 -7.38	73.90 2.95 -35.76	155.54 5.11 -86.03	173.43 12.17 0.00	171.84 11.79 -5.52	156.22 8.92 -31.55	147.94 9.58 -6.32	120.77 4.72 -53.43	97.91 4.85 -25.00	97.34 3.66 -38.52
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	100.57 6.34 0.00	104.44 5.92 0.00	102.73 5.68 0.00	110.34 6.04 0.00	115.72 5.83 0.00	99.24 5.89 -2.91	101.23 2.79 -61.99	153.94 4.03 -99.81	155.43 10.18 -15.20	135.49 9.85 0.00	111.97 8.36 -2.09	76.92 5.74 -0.11	60.96 4.57 -0.98	47.55 3.53 -1.86	59.94 4.16 -7.08	74.19 3.08 -35.92	157.06 5.54 -87.13	174.68 13.41 0.00	173.29 12.99 -5.79	158.23 9.79 -32.69	149.33 10.67 -6.62	122.55 5.17 -54.75	99.31 5.37 -25.88	99.14 4.03 -39.95
POLETTI_____ 23519	99.86 5.62 0.00	103.58 5.07 0.00	101.93 4.87 0.00	109.39 5.09 0.00	114.46 4.57 0.00	98.40 5.11 -2.85	99.43 2.49 -60.49	150.93 3.67 -97.16	155.04 9.30 -15.68	135.65 9.33 -0.68	111.97 8.09 -2.35	77.08 5.82 -0.18	61.12 4.75 -0.96	48.80 3.91 -2.73	60.51 4.48 -7.34	73.76 3.06 -35.52	154.94 5.13 -85.41	173.46 12.20 0.00	171.70 11.70 -5.48	155.86 8.78 -31.32	147.74 9.43 -6.27	120.33 4.66 -53.05	97.62 4.73 -24.83	96.93 3.52 -38.25
POMONA___ESR 323819	99.19 4.95 0.00	103.07 4.55 0.00	101.32 4.27 0.00	108.85 4.55 0.00	114.01 4.12 0.00	97.75 4.56 -2.75	97.08 2.30 -58.33	147.11 3.32 -93.69	152.50 8.38 -14.06	133.97 8.33 0.00	110.73 7.23 -1.97	76.16 4.98 -0.10	60.36 4.03 -0.93	47.12 3.21 -1.76	59.11 3.73 -6.69	71.78 2.66 -33.94	151.34 4.63 -82.31	172.39 11.12 0.00	170.54 10.74 -5.29	154.06 8.12 -30.19	146.82 8.73 -6.05	118.07 4.31 -51.14	96.44 4.45 -23.92	95.29 3.27 -36.86
PORT_JEFF_3 23555	102.25 8.02 0.00	106.10 7.58 0.00	104.23 7.17 0.00	112.26 7.96 0.00	117.12 7.22 0.00	105.20 7.64 -7.11	100.23 3.31 -60.47	151.48 4.26 -97.13	155.81 9.81 -15.94	136.30 9.81 -0.85	113.22 9.27 -2.43	77.71 6.44 -0.20	61.40 5.04 -0.96	48.78 3.82 -2.80	60.56 4.50 -7.37	73.90 3.18 -35.53	155.87 6.09 -85.39	175.02 13.76 0.00	173.05 13.05 -5.48	157.50 10.44 -31.32	149.97 11.66 -6.27	142.84 6.31 -73.90	126.72 6.59 -52.07	98.16 4.75 -38.24

PORT_JEFF_4 23616	102.25 8.02 0.00	106.10 7.58 0.00	104.23 7.17 0.00	112.26 7.96 0.00	117.12 7.22 0.00	105.20 7.64 -7.11	100.23 3.31 -60.47	151.48 4.26 -97.13	155.81 9.81 -15.94	136.30 9.81 -0.85	113.22 9.27 -2.43	77.71 6.44 -0.20	61.40 5.04 -0.96	48.78 3.82 -2.80	60.56 4.50 -7.37	73.90 3.18 -35.53	155.87 6.09 -85.39	175.02 13.76 0.00	173.05 13.05 -5.48	157.50 10.44 -31.32	149.97 11.66 -6.27	142.84 6.31 -73.90	126.72 6.59 -52.07	98.16 4.75 -38.24
PORT_JEFF_IC 23713	102.30 8.06 0.00	106.13 7.61 0.00	104.29 7.23 0.00	112.29 7.99 0.00	117.18 7.28 0.00	105.26 7.70 -7.11	100.26 3.34 -60.47	151.50 4.27 -97.13	155.64 9.65 -15.94	136.28 9.80 -0.85	113.23 9.28 -2.43	77.71 6.44 -0.20	61.37 5.01 -0.96	48.77 3.81 -2.81	60.55 4.49 -7.37	73.88 3.16 -35.53	155.89 6.10 -85.39	174.90 13.63 0.00	172.96 12.96 -5.48	157.38 10.32 -31.32	149.93 11.62 -6.27	142.90 6.37 -73.90	126.69 6.56 -52.07	98.16 4.76 -38.24
PPL_PILGRIM_ST_GT1 24216	102.38 8.14 0.00	106.27 7.75 0.00	104.39 7.33 0.00	112.32 8.02 0.00	117.26 7.36 0.00	105.31 7.75 -7.11	100.14 3.22 -60.47	151.55 4.32 -97.13	156.26 10.26 -15.94	136.95 10.46 -0.85	113.72 9.76 -2.43	78.15 6.88 -0.20	61.83 5.46 -0.96	49.08 4.12 -2.80	60.86 4.80 -7.37	74.16 3.44 -35.53	156.18 6.39 -85.39	174.76 13.49 0.00	172.76 12.76 -5.48	157.75 10.69 -31.32	150.28 11.97 -6.27	143.06 6.54 -73.90	127.03 6.90 -52.07	98.43 5.03 -38.24
PPL_PILGRIM_ST_GT2 24217	102.38 8.14 0.00	106.27 7.75 0.00	104.39 7.33 0.00	112.32 8.02 0.00	117.26 7.36 0.00	105.31 7.75 -7.11	100.14 3.22 -60.47	151.55 4.32 -97.13	156.26 10.26 -15.94	136.95 10.46 -0.85	113.72 9.76 -2.43	78.15 6.88 -0.20	61.83 5.46 -0.96	49.08 4.12 -2.80	60.86 4.80 -7.37	74.16 3.44 -35.53	156.18 6.39 -85.39	174.76 13.49 0.00	172.76 12.76 -5.48	157.75 10.69 -31.32	150.28 11.97 -6.27	143.06 6.54 -73.90	127.03 6.90 -52.07	98.43 5.03 -38.24
PPL_SHRM_GT3 24213	102.39 8.16 0.00	106.21 7.69 0.00	104.34 7.28 0.00	112.99 8.69 0.00	117.88 7.98 0.00	105.91 8.35 -7.11	100.55 3.63 -60.47	151.41 4.18 -97.13	155.51 9.51 -15.94	135.09 8.60 -0.85	112.51 8.56 -2.43	77.10 5.83 -0.20	60.73 4.37 -0.96	48.23 3.27 -2.80	59.94 3.88 -7.37	73.22 2.51 -35.53	155.42 5.63 -85.39	174.24 12.97 0.00	172.67 12.66 -5.48	157.42 10.35 -31.32	149.83 11.51 -6.27	142.67 6.15 -73.90	126.46 6.33 -52.07	97.90 4.50 -38.24
PPL_SHRM_GT4 24214	102.39 8.16 0.00	106.21 7.69 0.00	104.34 7.28 0.00	112.99 8.69 0.00	117.88 7.98 0.00	105.91 8.35 -7.11	100.55 3.63 -60.47	151.41 4.18 -97.13	155.51 9.51 -15.94	135.09 8.60 -0.85	112.51 8.56 -2.43	77.10 5.83 -0.20	60.73 4.37 -0.96	48.23 3.27 -2.80	59.94 3.88 -7.37	73.22 2.51 -35.53	155.42 5.63 -85.39	174.24 12.97 0.00	172.67 12.66 -5.48	157.42 10.35 -31.32	149.83 11.51 -6.27	142.67 6.15 -73.90	126.46 6.33 -52.07	97.90 4.50 -38.24
PROJECT___ORANGE 1 24174	92.05 -2.19 0.00	96.10 -2.42 0.00	94.59 -2.47 0.00	101.65 -2.65 0.00	107.24 -2.65 0.00	89.01 -1.69 -0.25	41.05 -0.46 -5.06	56.85 -0.70 -7.45	129.04 -1.75 -0.73	123.83 -1.81 0.00	100.50 -1.22 -0.18	70.03 -1.06 -0.01	54.54 -0.95 -0.09	41.61 -0.71 -0.16	48.50 -0.81 -0.62	37.90 -0.44 -3.15	71.24 -0.80 -7.64	158.95 -2.31 0.00	152.19 -2.33 0.00	114.89 -1.81 -0.95	129.61 -2.43 0.00	64.65 -1.16 -3.19	67.75 -1.25 -0.94	55.74 -1.08 -1.66
PROJECT___ORANGE 2 24166	92.05 -2.19 0.00	96.10 -2.42 0.00	94.59 -2.47 0.00	101.65 -2.65 0.00	107.24 -2.65 0.00	89.01 -1.69 -0.25	41.05 -0.46 -5.06	56.85 -0.70 -7.45	129.04 -1.75 -0.73	123.83 -1.81 0.00	100.50 -1.22 -0.18	70.03 -1.06 -0.01	54.54 -0.95 -0.09	41.61 -0.71 -0.16	48.50 -0.81 -0.62	37.90 -0.44 -3.15	71.24 -0.80 -7.64	158.95 -2.31 0.00	152.19 -2.33 0.00	114.89 -1.81 -0.95	129.61 -2.43 0.00	64.65 -1.16 -3.19	67.75 -1.25 -0.94	55.74 -1.08 -1.66
PUCKETT___SOLAR 323809	93.84 -0.39 0.00	98.04 -0.48 0.00	96.49 -0.56 0.00	103.66 -0.64 0.00	109.16 -0.74 0.00	91.36 -0.02 -0.94	57.21 0.22 -20.53	83.98 0.20 -33.69	136.36 0.71 -5.60	126.60 0.96 0.00	103.31 1.11 -0.67	71.20 0.09 -0.03	55.32 -0.40 -0.32	42.51 -0.24 -0.60	51.04 0.06 -2.29	47.24 0.45 -11.60	94.13 1.59 -28.14	165.69 4.43 0.00	160.80 3.94 -2.35	130.35 2.24 -12.36	136.02 1.29 -2.68	82.19 0.36 -19.20	77.96 0.22 -9.67	70.07 -0.07 -14.98
PYRITES___HYD 24023	96.32 2.08 0.00	101.16 2.64 0.00	99.76 2.71 0.00	107.52 3.22 0.00	113.63 3.74 0.00	91.61 1.17 0.00	36.43 -0.02 0.00	50.11 0.02 0.00	130.40 0.35 0.00	125.96 0.32 0.00	100.96 -0.57 0.00	70.77 -0.31 0.00	55.10 -0.30 0.00	41.82 -0.34 0.00	48.08 -0.61 0.00	34.56 -0.63 0.00	64.25 -0.15 0.00	162.25 0.99 0.00	155.54 1.02 0.00	116.35 0.60 0.00	133.15 1.11 0.00	62.97 0.34 0.00	68.77 0.71 0.00	56.11 0.95 0.00
QUAKERRD_115KV_BK1 80622	88.35 -5.89 0.00	92.19 -6.33 0.00	90.35 -6.18 0.52	97.61 -6.69 0.00	103.25 -6.64 0.00	85.93 -4.67 -0.16	40.79 -1.74 -6.07	52.88 -2.67 -5.46	115.94 -6.60 7.52	118.66 -6.98 0.00	96.88 -4.88 -0.24	67.69 -3.40 -0.01	52.54 -2.97 -0.11	39.89 -2.48 -0.21	46.59 -2.92 -0.82	37.26 -2.07 -4.14	69.07 -3.88 -8.55	144.97 -10.67 5.63	124.37 -10.62 19.53	83.84 -7.88 24.03	92.43 -9.59 30.01	47.35 -4.44 10.84	47.45 -4.23 16.38	39.63 -3.33 12.21
QUEENSBRY_115KV_TB8 356137	102.28 8.05 0.00	106.65 8.13 0.00	105.27 8.21 0.00	113.12 8.82 0.00	118.97 9.07 0.00	102.54 8.50 -3.60	138.22 3.91 -97.85	234.83 5.51 -179.22	190.38 14.31 -46.01	138.27 12.63 0.00	114.07 9.96 -2.58	77.37 6.16 -0.13	61.31 4.69 -1.21	47.75 3.29 -2.31	61.70 4.24 -8.76	83.17 3.52 -44.46	179.23 7.01 -107.83	178.91 17.65 0.00	195.98 17.35 -24.11	233.40 13.10 -104.55	174.33 14.70 -27.58	191.01 6.87 -121.51	155.53 7.17 -80.30	191.43 5.57 -130.69
RAMAPO___LBMP 323565	98.90 4.67 0.00	102.80 4.28 0.00	101.11 4.05 0.00	108.62 4.32 0.00	113.74 3.85 0.00	97.51 4.32 -2.74	96.80 2.21 -58.14	146.68 3.20 -93.39	152.08 8.01 -14.01	133.59 7.95 0.00	110.41 6.91 -1.96	75.92 4.74 -0.10	60.17 3.85 -0.92	46.96 3.05 -1.76	58.91 3.55 -6.67	71.55 2.54 -33.83	150.86 4.42 -82.05	171.90 10.63 0.00	169.99 10.20 -5.27	153.54 7.70 -30.09	146.34 8.27 -6.02	117.71 4.11 -50.97	96.11 4.20 -23.84	95.00 3.11 -36.73
RANKINE____ 23646	86.40 -7.83 0.00	90.11 -8.41 0.00	87.82 -8.17 1.06	95.50 -8.80 0.00	101.23 -8.66 0.00	84.58 -5.97 -0.11	42.54 -2.53 -8.62	53.43 -3.93 -7.26	106.31 -9.45 14.29	116.05 -9.58 0.00	95.75 -6.12 -0.34	66.98 -4.12 -0.02	51.73 -3.83 -0.16	39.14 -3.32 -0.30	45.85 -3.99 -1.14	37.87 -3.12 -5.81	69.50 -5.92 -11.03	133.48 -16.37 11.41	86.66 -16.40 51.46	41.23 -12.35 62.17	39.95 -14.93 77.16	23.32 -6.75 32.55	27.12 -5.68 35.26	27.22 -4.31 23.62
RAVENSWOOD_GT2_1 24244	100.20 5.96 0.00	103.99 5.48 0.00	102.33 5.27 0.00	109.88 5.58 0.00	115.04 5.15 0.00	98.77 5.48 -2.85	99.59 2.65 -60.49	151.11 3.84 -97.17	155.80 9.78 -15.96	136.24 9.75 -0.86	112.37 8.41 -2.43	77.21 5.93 -0.20	61.19 4.83 -0.96	49.06 3.93 -2.97	60.65 4.51 -7.45	73.92 3.13 -35.61	155.18 5.34 -85.44	174.03 12.77 0.00	172.25 12.25 -5.49	156.26 9.18 -31.33	148.24 9.92 -6.28	120.55 4.87 -53.05	97.89 5.00 -24.83	97.20 3.78 -38.25

RAVENSWOOD_GT2_2 24245	100.20 5.96 0.00	103.99 5.48 0.00	102.33 5.27 0.00	109.88 5.58 0.00	115.04 5.15 0.00	98.77 5.48 -2.85	99.59 2.65 -60.49	151.11 3.84 -97.17	155.80 9.78 -15.96	136.24 9.75 -0.86	112.37 8.41 -2.43	77.21 5.93 -0.20	61.19 4.83 -0.96	49.06 3.93 -2.97	60.65 4.51 -7.45	73.92 3.13 -35.61	155.18 5.34 -85.44	174.03 12.77 0.00	172.25 12.25 -5.49	156.26 9.18 -31.33	148.24 9.92 -6.28	120.55 4.87 -53.05	97.89 5.00 -24.83	97.20 3.78 -38.25
RAVENSWOOD_GT2_3 24246	100.25 6.01 0.00	104.03 5.51 0.00	102.36 5.30 0.00	109.90 5.60 0.00	115.07 5.17 0.00	98.83 5.54 -2.85	99.61 2.67 -60.49	151.14 3.88 -97.17	155.84 9.82 -15.96	136.32 9.83 -0.86	112.44 8.48 -2.43	77.24 5.96 -0.20	61.22 4.86 -0.96	49.08 3.95 -2.97	60.69 4.55 -7.45	73.93 3.14 -35.61	155.23 5.39 -85.44	174.09 12.82 0.00	172.32 12.31 -5.49	156.34 9.27 -31.33	148.28 9.96 -6.28	120.57 4.90 -53.05	97.91 5.02 -24.83	97.24 3.82 -38.25
RAVENSWOOD_GT2_4 24247	100.25 6.01 0.00	104.03 5.51 0.00	102.36 5.30 0.00	109.90 5.60 0.00	115.07 5.17 0.00	98.83 5.54 -2.85	99.61 2.67 -60.49	151.14 3.88 -97.17	155.84 9.82 -15.96	136.32 9.83 -0.86	112.44 8.48 -2.43	77.24 5.96 -0.20	61.22 4.86 -0.96	49.08 3.95 -2.97	60.69 4.55 -7.45	73.93 3.14 -35.61	155.23 5.39 -85.44	174.09 12.82 0.00	172.32 12.31 -5.49	156.34 9.27 -31.33	148.28 9.96 -6.28	120.57 4.90 -53.05	97.91 5.02 -24.83	97.24 3.82 -38.25
RAVENSWOOD_GT3_1 24248	100.20 5.96 0.00	103.99 5.48 0.00	102.33 5.27 0.00	109.88 5.58 0.00	115.04 5.15 0.00	98.77 5.48 -2.85	99.60 2.65 -60.49	151.12 3.85 -97.17	155.81 9.79 -15.96	136.24 9.75 -0.86	112.37 8.41 -2.43	77.21 5.93 -0.20	61.19 4.83 -0.96	49.06 3.93 -2.97	60.65 4.51 -7.45	73.92 3.13 -35.61	155.18 5.34 -85.44	174.03 12.77 0.00	172.25 12.25 -5.49	156.26 9.18 -31.33	148.25 9.93 -6.28	120.55 4.87 -53.05	97.89 5.00 -24.83	97.20 3.78 -38.25
RAVENSWOOD_GT3_2 24249	100.20 5.96 0.00	103.99 5.48 0.00	102.33 5.27 0.00	109.88 5.58 0.00	115.04 5.15 0.00	98.77 5.48 -2.85	99.60 2.65 -60.49	151.12 3.85 -97.17	155.81 9.79 -15.96	136.24 9.75 -0.86	112.37 8.41 -2.43	77.21 5.93 -0.20	61.19 4.83 -0.96	49.06 3.93 -2.97	60.65 4.51 -7.45	73.92 3.13 -35.61	155.18 5.34 -85.44	174.03 12.77 0.00	172.25 12.25 -5.49	156.26 9.18 -31.33	148.25 9.93 -6.28	120.55 4.87 -53.05	97.89 5.00 -24.83	97.20 3.78 -38.25
RAVENSWOOD_GT3_3 24250	100.34 6.11 0.00	104.12 5.61 0.00	102.46 5.40 0.00	110.00 5.70 0.00	115.18 5.28 0.00	98.92 5.63 -2.85	99.65 2.71 -60.49	151.20 3.93 -97.17	156.00 9.98 -15.96	136.45 9.95 -0.86	112.56 8.60 -2.43	77.32 6.05 -0.20	61.28 4.91 -0.96	49.14 4.01 -2.97	60.74 4.60 -7.45	73.98 3.18 -35.61	155.29 5.46 -85.44	174.31 13.05 0.00	172.51 12.51 -5.49	156.48 9.40 -31.33	148.44 10.12 -6.28	120.65 4.97 -53.05	97.99 5.10 -24.83	97.30 3.88 -38.25
RAVENSWOOD_GT3_4 24251	100.34 6.11 0.00	104.12 5.61 0.00	102.46 5.40 0.00	110.00 5.70 0.00	115.18 5.28 0.00	98.92 5.63 -2.85	99.65 2.71 -60.49	151.20 3.93 -97.17	156.00 9.98 -15.96	136.45 9.95 -0.86	112.56 8.60 -2.43	77.32 6.05 -0.20	61.28 4.91 -0.96	49.14 4.01 -2.97	60.74 4.60 -7.45	73.98 3.18 -35.61	155.29 5.46 -85.44	174.31 13.05 0.00	172.51 12.51 -5.49	156.48 9.40 -31.33	148.44 10.12 -6.28	120.65 4.97 -53.05	97.99 5.10 -24.83	97.30 3.88 -38.25
RAVENSWOOD_GT_1 23729	100.46 6.23 0.00	104.28 5.76 0.00	102.59 5.53 0.00	110.11 5.81 0.00	115.29 5.39 0.00	98.91 5.61 -2.85	99.69 2.75 -60.49	151.25 3.98 -97.17	167.66 10.08 -27.52	143.80 10.08 -8.09	115.96 8.72 -5.72	78.19 6.13 -0.98	61.40 5.04 -0.96	392.94 4.13 -346.65	103.80 4.72 -50.39	77.49 3.27 -39.03	156.05 5.52 -86.13	174.42 13.16 0.00	172.50 12.50 -5.49	156.45 9.38 -31.33	148.38 10.07 -6.28	120.63 4.95 -53.05	98.01 5.12 -24.83	97.32 3.90 -38.25
RAVENSWOOD_GT_10 24258	100.19 5.96 0.00	103.99 5.48 0.00	102.32 5.26 0.00	109.88 5.58 0.00	115.04 5.15 0.00	98.76 5.47 -2.85	99.59 2.65 -60.49	151.11 3.84 -97.17	157.12 9.77 -17.29	137.07 9.75 -1.69	112.75 8.41 -2.81	77.30 5.93 -0.29	61.18 4.82 -0.96	88.71 3.93 -42.63	65.60 4.50 -12.40	74.31 3.13 -36.00	155.26 5.34 -85.52	174.02 12.75 0.00	172.25 12.25 -5.49	156.26 9.18 -31.33	148.24 9.92 -6.28	120.55 4.87 -53.05	97.89 5.00 -24.83	97.20 3.78 -38.25
RAVENSWOOD_GT_11 24259	100.19 5.96 0.00	103.99 5.48 0.00	102.32 5.26 0.00	109.88 5.58 0.00	115.04 5.15 0.00	98.76 5.47 -2.85	99.59 2.65 -60.49	151.11 3.84 -97.17	157.12 9.77 -17.29	137.07 9.75 -1.69	112.75 8.41 -2.81	77.30 5.93 -0.29	61.18 4.82 -0.96	88.71 3.93 -42.63	65.60 4.50 -12.40	74.31 3.13 -36.00	155.26 5.34 -85.52	174.02 12.75 0.00	172.25 12.25 -5.49	156.26 9.18 -31.33	148.24 9.92 -6.28	120.55 4.87 -53.05	97.89 5.00 -24.83	97.20 3.78 -38.25
RAVENSWOOD_GT_4 24252	100.13 5.89 0.00	103.93 5.42 0.00	102.25 5.20 0.00	109.79 5.49 0.00	114.96 5.06 0.00	98.76 5.47 -2.85	99.57 2.63 -60.49	151.09 3.83 -97.17	146.76 9.68 -7.02	130.60 9.69 4.73	109.79 8.36 0.11	76.54 5.87 0.41	61.13 4.77 -0.96	295.85 3.91 -249.79	86.47 4.46 -33.31	70.97 3.10 -32.69	154.46 5.32 -84.74	173.93 12.66 0.00	172.18 12.17 -5.49	156.24 9.16 -31.33	148.19 9.88 -6.28	120.53 4.85 -53.05	97.86 4.97 -24.83	97.19 3.77 -38.25
RAVENSWOOD_GT_5 24254	100.13 5.89 0.00	103.93 5.42 0.00	102.25 5.20 0.00	109.79 5.49 0.00	114.96 5.06 0.00	98.76 5.47 -2.85	99.57 2.63 -60.49	151.09 3.83 -97.17	146.76 9.68 -7.02	130.60 9.69 4.73	109.79 8.36 0.11	76.54 5.87 0.41	61.13 4.77 -0.96	295.85 3.91 -249.79	86.47 4.46 -33.31	70.97 3.10 -32.69	154.46 5.32 -84.74	173.93 12.66 0.00	172.18 12.17 -5.49	156.24 9.16 -31.33	148.19 9.88 -6.28	120.53 4.85 -53.05	97.86 4.97 -24.83	97.19 3.77 -38.25
RAVENSWOOD_GT_6 24253	100.13 5.89 0.00	103.93 5.42 0.00	102.25 5.20 0.00	109.79 5.49 0.00	114.96 5.06 0.00	98.76 5.47 -2.85	99.57 2.63 -60.49	151.09 3.83 -97.17	146.76 9.68 -7.02	130.60 9.69 4.73	109.79 8.36 0.11	76.54 5.87 0.41	61.13 4.77 -0.96	295.85 3.91 -249.79	86.47 4.46 -33.31	70.97 3.10 -32.69	154.46 5.32 -84.74	173.93 12.66 0.00	172.18 12.17 -5.49	156.24 9.16 -31.33	148.19 9.88 -6.28	120.53 4.85 -53.05	97.86 4.97 -24.83	97.19 3.77 -38.25
RAVENSWOOD_GT_7 24255	100.13 5.89 0.00	103.93 5.42 0.00	102.25 5.20 0.00	109.79 5.49 0.00	114.96 5.06 0.00	98.76 5.47 -2.85	99.57 2.63 -60.49	151.09 3.83 -97.17	146.76 9.68 -7.02	130.60 9.69 4.73	109.79 8.36 0.11	76.54 5.87 0.41	61.13 4.77 -0.96	295.85 3.91 -249.79	86.47 4.46 -33.31	70.97 3.10 -32.69	154.46 5.32 -84.74	173.93 12.66 0.00	172.18 12.17 -5.49	156.24 9.16 -31.33	148.19 9.88 -6.28	120.53 4.85 -53.05	97.86 4.97 -24.83	97.19 3.77 -38.25
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	100.19 5.96 0.00	103.99 5.48 0.00	102.32 5.26 0.00	109.88 5.58 0.00	115.04 5.15 0.00	98.76 5.47 -2.85	99.59 2.65 -60.49	151.11 3.84 -97.17	157.12 9.77 -17.29	137.07 9.75 -1.69	112.75 8.41 -2.81	77.30 5.93 -0.29	61.18 4.82 -0.96	88.71 3.93 -42.63	65.60 4.50 -12.40	74.31 3.13 -36.00	155.26 5.34 -85.52	174.02 12.75 0.00	172.25 12.25 -5.49	156.26 9.18 -31.33	148.24 9.92 -6.28	120.55 4.87 -53.05	97.89 5.00 -24.83	97.20 3.78 -38.25

RAVENSWOOD_GT_9 24257	100.19 5.96 0.00	103.99 5.48 0.00	102.32 5.26 0.00	109.88 5.58 0.00	115.04 5.15 0.00	98.76 5.47 -2.85	99.59 2.65 -60.49	151.11 3.84 -97.17	157.12 9.77 -17.29	137.07 9.75 -1.69	112.75 8.41 -2.81	77.30 5.93 -0.29	61.18 4.82 -0.96	88.71 3.93 -42.63	65.60 4.50 -12.40	74.31 3.13 -36.00	155.26 5.34 -85.52	174.02 12.75 0.00	172.25 12.25 -5.49	156.26 9.18 -31.33	148.24 9.92 -6.28	120.55 4.87 -53.05	97.89 5.00 -24.83	97.20 3.78 -38.25
RAVENSWOOD___1 23533	100.47 6.23 0.00	104.28 5.76 0.00	102.59 5.53 0.00	110.10 5.80 0.00	115.29 5.39 0.00	98.91 5.61 -2.85	99.69 2.75 -60.49	151.24 3.97 -97.17	167.65 10.07 -27.52	143.80 10.08 -8.09	115.96 8.71 -5.72	78.19 6.13 -0.98	61.40 5.04 -0.96	-269.96 4.11 316.22	27.40 4.71 26.00	77.82 3.26 -39.37	156.24 5.51 -86.33	174.41 13.14 0.00	172.51 12.51 -5.49	156.49 9.41 -31.33	148.38 10.07 -6.28	120.63 4.96 -53.05	98.06 5.17 -24.83	97.31 3.89 -38.25
RAVENSWOOD___2 23534	100.47 6.23 0.00	104.28 5.76 0.00	102.59 5.53 0.00	110.10 5.80 0.00	115.29 5.39 0.00	98.91 5.61 -2.85	99.69 2.75 -60.49	151.24 3.97 -97.17	167.65 10.07 -27.52	143.80 10.08 -8.09	115.96 8.71 -5.72	78.19 6.13 -0.98	61.40 5.04 -0.96	-269.96 4.11 316.22	27.40 4.71 26.00	77.82 3.26 -39.37	156.24 5.51 -86.33	174.41 13.14 0.00	172.51 12.51 -5.49	156.49 9.41 -31.33	148.38 10.07 -6.28	120.63 4.96 -53.05	98.06 5.17 -24.83	97.31 3.89 -38.25
RAVENSWOOD___3 23535	100.20 5.96 0.00	103.99 5.47 0.00	102.33 5.28 0.00	109.89 5.58 0.00	115.05 5.16 0.00	98.77 5.48 -2.85	99.60 2.65 -60.49	151.11 3.85 -97.17	155.80 9.78 -15.96	136.24 9.75 -0.86	112.38 8.43 -2.43	77.21 5.94 -0.20	61.20 4.83 -0.96	49.08 3.95 -2.97	60.66 4.52 -7.45	73.92 3.13 -35.61	155.18 5.35 -85.44	174.03 12.77 0.00	172.26 12.25 -5.49	156.31 9.23 -31.33	148.27 9.95 -6.28	120.55 4.88 -53.05	97.92 5.03 -24.83	97.21 3.80 -38.25
RAVENSWOOD___4 23820	100.47 6.23 0.00	104.28 5.76 0.00	102.59 5.53 0.00	110.10 5.80 0.00	115.29 5.39 0.00	98.91 5.61 -2.85	99.69 2.75 -60.49	151.24 3.97 -97.17	167.65 10.07 -27.52	143.80 10.08 -8.09	115.96 8.71 -5.72	78.19 6.13 -0.98	61.40 5.04 -0.96	-269.96 4.11 316.22	27.40 4.71 26.00	77.82 3.26 -39.37	156.24 5.51 -86.33	174.41 13.14 0.00	172.51 12.51 -5.49	156.49 9.41 -31.33	148.38 10.07 -6.28	120.63 4.96 -53.05	98.06 5.17 -24.83	97.31 3.89 -38.25
RCPL_TRUST___DRP 24196	100.24 6.00 0.00	104.02 5.51 0.00	102.34 5.29 0.00	109.90 5.60 0.00	115.09 5.20 0.00	98.93 5.64 -2.85	99.64 2.71 -60.48	151.19 3.95 -97.15	156.51 10.07 -16.38	136.83 10.08 -1.12	112.76 8.68 -2.55	77.42 6.11 -0.23	61.32 4.95 -0.96	49.55 4.00 -3.39	60.89 4.59 -7.61	74.10 3.17 -35.74	155.30 5.45 -85.45	174.24 12.97 0.00	172.70 12.69 -5.48	156.58 9.51 -31.32	148.56 10.24 -6.27	120.68 5.02 -53.04	98.04 5.16 -24.82	97.26 3.86 -38.25
RED___ROCHESTER 323720	90.26 -3.98 0.00	94.11 -4.41 0.00	92.22 -4.25 0.59	99.65 -4.65 0.00	105.46 -4.44 0.00	87.86 -2.73 -0.15	41.70 -0.97 -6.22	53.73 -1.66 -5.29	117.82 -3.81 8.43	121.23 -4.41 0.00	99.15 -2.62 -0.25	69.30 -1.79 -0.01	53.69 -1.84 -0.12	40.71 -1.67 -0.22	47.60 -1.94 -0.84	38.07 -1.39 -4.28	70.49 -2.61 -8.70	147.49 -7.58 6.20	125.61 -7.75 21.15	83.59 -5.73 26.43	91.77 -7.26 33.02	47.12 -3.25 12.26	46.92 -2.80 18.34	39.12 -2.23 13.81
REGAN___SOLAR 323812	99.96 5.72 0.00	104.35 5.83 0.00	102.79 5.73 0.00	110.57 6.27 0.00	116.60 6.70 0.00	100.19 5.89 -3.85	141.78 2.76 -102.57	239.64 3.96 -185.58	185.88 9.60 -46.22	131.46 5.82 0.00	107.75 3.46 -2.76	73.05 1.83 -0.14	57.72 1.02 -1.30	45.31 0.69 -2.47	58.96 0.88 -9.38	84.01 1.22 -47.61	184.56 4.69 -115.47	175.69 14.42 0.00	192.28 14.06 -23.71	230.15 10.45 -103.95	170.45 11.30 -27.11	191.14 5.11 -123.41	153.48 5.27 -80.15	189.95 3.99 -130.79
RENSSELAER___COGEN 23796	97.26 3.03 0.00	101.41 2.90 0.00	99.90 2.84 0.00	107.34 3.04 0.00	112.77 2.88 0.00	96.81 2.89 -3.47	120.02 1.28 -82.29	192.70 1.67 -140.93	163.04 4.23 -28.75	129.91 4.27 0.00	107.75 3.73 -2.49	73.71 2.51 -0.13	58.65 2.07 -1.17	45.82 1.44 -2.23	58.67 1.52 -8.46	79.12 1.02 -42.91	170.18 1.70 -104.08	165.02 3.76 0.00	171.75 3.71 -13.52	182.68 2.91 -64.01	150.64 3.14 -15.46	150.62 1.66 -86.34	119.81 2.03 -49.72	136.51 1.96 -79.38
REPUBLIC_115KV_BARTNBRK 55605	105.08 10.84 0.00	109.69 11.17 0.00	108.65 11.60 0.00	116.70 12.39 0.00	122.82 12.92 0.00	106.34 12.30 -3.60	139.85 5.81 -97.59	237.22 8.52 -178.60	197.99 22.18 -45.75	144.49 18.86 0.00	119.50 15.40 -2.58	80.26 9.05 -0.13	63.38 6.77 -1.21	48.95 4.49 -2.31	63.41 5.96 -8.75	84.62 5.03 -44.42	181.91 9.79 -107.72	187.12 25.85 0.00	203.97 25.50 -23.96	239.61 19.91 -103.95	181.99 22.54 -27.40	193.86 10.26 -120.97	158.68 10.77 -79.85	193.17 8.07 -129.93
REVERE_CPDR_DRP 24186	96.80 2.56 0.00	101.11 2.60 0.00	99.60 2.54 0.00	107.12 2.82 0.00	113.71 3.82 0.00	94.25 3.67 -0.14	40.85 1.66 -2.73	56.44 2.31 -4.03	136.78 6.33 -0.39	131.74 6.11 0.00	106.58 4.95 -0.10	73.98 2.90 -0.01	57.48 2.03 -0.05	43.75 1.50 -0.09	50.81 1.78 -0.34	38.39 1.50 -1.70	72.03 3.50 -4.13	170.84 9.58 0.00	163.55 9.03 0.00	122.73 6.47 -0.51	138.67 6.63 0.00	67.34 2.99 -1.73	71.28 2.72 -0.51	58.03 1.97 -0.90
REYNOLDS_115KV_TB3 80639	98.29 4.05 0.00	102.41 3.90 0.00	100.95 3.89 0.00	108.41 4.11 0.00	113.90 4.01 0.00	97.88 3.95 -3.48	124.08 1.73 -85.89	202.70 2.32 -150.28	169.29 6.00 -33.24	131.56 5.92 0.00	109.41 5.39 -2.50	74.83 3.62 -0.13	59.46 2.89 -1.17	46.46 2.07 -2.23	59.69 2.52 -8.48	80.02 1.83 -43.00	171.85 3.16 -104.29	168.30 7.04 0.00	177.75 6.93 -16.31	195.75 5.41 -74.59	156.68 5.98 -18.65	160.97 3.07 -95.27	129.22 3.47 -57.68	150.73 2.80 -92.77
RIVERBAY____ 323610	100.33 6.09 0.00	104.15 5.64 0.00	102.28 5.22 0.00	109.71 5.40 0.00	114.92 5.03 0.00	98.69 5.39 -2.85	99.63 2.69 -60.49	151.14 3.88 -97.17	157.28 10.18 -17.05	137.17 10.00 -1.54	112.82 8.55 -2.74	77.38 6.03 -0.27	61.20 4.84 -0.96	49.96 3.93 -3.88	60.99 4.43 -7.86	74.24 3.11 -35.94	155.23 5.32 -85.51	174.45 13.18 0.00	172.43 12.43 -5.49	156.42 9.34 -31.33	148.42 10.11 -6.28	120.66 4.98 -53.05	97.98 5.09 -24.83	97.46 4.04 -38.25
RIVERSIDE_115KV_TB3 55908	97.75 3.51 0.00	101.90 3.39 0.00	100.39 3.33 0.00	107.86 3.56 0.00	113.33 3.44 0.00	97.31 3.38 -3.49	122.63 1.49 -84.68	199.02 1.99 -146.93	166.72 5.14 -31.52	130.73 5.10 0.00	108.53 4.50 -2.50	74.25 3.05 -0.13	59.05 2.47 -1.18	46.14 1.75 -2.24	59.16 1.98 -8.49	79.67 1.40 -43.09	171.31 2.41 -104.51	166.64 5.37 0.00	174.98 5.24 -15.22	190.33 4.06 -70.52	153.91 4.45 -17.41	156.88 2.32 -91.93	125.40 2.71 -54.62	145.16 2.38 -87.62
ROARING___BROOK_WT_PWR 323790	91.68 -2.56 0.00	95.95 -2.57 0.00	94.65 -2.41 0.00	102.19 -2.11 0.00	108.91 -0.99 0.00	89.70 -0.75 0.00	35.72 -0.73 0.00	49.04 -1.06 0.00	128.38 -1.67 0.00	123.90 -1.73 0.00	100.33 -1.19 0.00	70.06 -1.02 0.00	54.45 -0.95 0.00	41.34 -0.82 0.00	47.67 -1.02 0.00	34.47 -0.71 0.00	63.63 -0.77 0.00	160.15 -1.12 0.00	153.52 -0.99 0.00	114.89 -0.86 0.00	130.94 -1.10 0.00	61.91 -0.71 0.00	66.73 -1.33 0.00	53.70 -1.47 0.00

ROCHESRG_115KV_T4 355643	89.14 -5.09 0.00	93.02 -5.50 0.00	91.14 -5.34 0.58	98.50 -5.80 0.00	104.24 -5.65 0.00	86.80 -3.79 -0.15	41.19 -1.44 -6.18	53.06 -2.33 -5.29	116.16 -5.61 8.29	119.61 -6.03 0.00	97.80 -3.98 -0.25	68.32 -2.77 -0.01	52.97 -2.55 -0.12	40.17 -2.20 -0.22	46.94 -2.59 -0.84	37.55 -1.88 -4.25	69.49 -3.56 -8.65	145.19 -9.94 6.13	121.84 -10.03 22.65	80.09 -7.42 28.25	88.01 -9.13 34.90	44.96 -4.16 13.51	45.81 -3.71 18.54	38.66 -2.85 13.64
ROCHESTER_9_IC 23652	89.73 -4.50 0.00	93.60 -4.92 0.00	91.70 -4.77 0.59	99.12 -5.18 0.00	104.90 -4.99 0.00	87.35 -3.24 -0.15	41.48 -1.19 -6.22	53.43 -1.96 -5.29	117.01 -4.61 8.43	120.50 -5.13 0.00	98.51 -3.27 -0.25	68.84 -2.25 -0.01	53.36 -2.16 -0.12	40.47 -1.91 -0.22	47.29 -2.25 -0.84	37.85 -1.62 -4.28	70.04 -3.06 -8.70	146.38 -8.69 6.20	124.55 -8.81 21.15	82.83 -6.50 26.43	90.86 -8.16 33.02	46.66 -3.71 12.26	46.49 -3.23 18.34	38.83 -2.51 13.81
ROCKVIEW_13_KV_LD 356306	100.38 6.15 0.00	104.20 5.69 0.00	102.53 5.47 0.00	110.13 5.82 0.00	115.37 5.48 0.00	99.02 5.72 -2.85	99.69 2.75 -60.49	151.21 3.96 -97.16	156.22 9.93 -16.23	136.56 9.89 -1.03	112.58 8.54 -2.51	77.27 5.97 -0.22	61.17 4.81 -0.96	49.21 3.85 -3.20	60.71 4.47 -7.55	74.02 3.14 -35.69	155.30 5.45 -85.45	174.34 13.07 0.00	172.56 12.56 -5.48	156.56 9.49 -31.33	148.57 10.25 -6.27	120.70 5.03 -53.05	98.06 5.18 -24.83	97.26 3.85 -38.25
ROME____115KV_TB2 80656	96.80 2.56 0.00	101.11 2.60 0.00	99.60 2.54 0.00	107.12 2.82 0.00	113.71 3.82 0.00	94.25 3.67 -0.14	40.85 1.66 -2.73	56.44 2.31 -4.03	136.78 6.33 -0.39	131.74 6.11 0.00	106.58 4.95 -0.10	73.98 2.90 -0.01	57.48 2.03 -0.05	43.75 1.50 -0.09	50.81 1.78 -0.34	38.39 1.50 -1.70	72.03 3.50 -4.13	170.84 9.58 0.00	163.55 9.03 0.00	122.73 6.47 -0.51	138.67 6.63 0.00	67.34 2.99 -1.73	71.28 2.72 -0.51	58.03 1.97 -0.90
ROSETON___1 23587	99.09 4.86 0.00	103.02 4.50 0.00	101.36 4.30 0.00	108.86 4.56 0.00	114.12 4.23 0.00	97.79 4.50 -2.85	99.04 2.19 -60.39	150.19 3.15 -96.94	152.52 7.97 -14.50	133.49 7.85 0.00	110.42 6.85 -2.04	75.93 4.74 -0.11	60.17 3.81 -0.96	46.97 2.99 -1.83	59.12 3.49 -6.93	72.87 2.51 -35.17	154.08 4.38 -85.30	171.61 10.34 0.00	169.96 10.01 -5.43	154.47 7.61 -31.11	146.47 8.22 -6.21	119.52 4.05 -52.85	96.96 4.24 -24.66	96.27 3.14 -37.97
ROSETON___2 23588	99.09 4.86 0.00	103.02 4.50 0.00	101.36 4.30 0.00	108.86 4.56 0.00	114.12 4.23 0.00	97.79 4.50 -2.85	99.04 2.19 -60.39	150.19 3.15 -96.94	152.52 7.97 -14.50	133.49 7.85 0.00	110.42 6.85 -2.04	75.93 4.74 -0.11	60.17 3.81 -0.96	46.97 2.99 -1.83	59.12 3.49 -6.93	72.87 2.51 -35.17	154.08 4.38 -85.30	171.61 10.34 0.00	169.96 10.01 -5.43	154.47 7.61 -31.11	146.47 8.22 -6.21	119.52 4.05 -52.85	96.96 4.24 -24.66	96.27 3.14 -37.97
ROTRRDAM_115KV_TB3 80664	97.73 3.49 0.00	101.93 3.41 0.00	100.43 3.37 0.00	107.89 3.59 0.00	113.51 3.61 0.00	97.57 3.48 -3.64	138.82 1.62 -100.75	238.31 2.25 -185.96	184.61 5.71 -48.85	130.70 5.06 0.00	108.33 4.19 -2.61	73.93 2.72 -0.14	58.72 2.09 -1.23	46.03 1.55 -2.33	59.47 1.92 -8.86	81.67 1.53 -44.95	176.44 3.03 -109.01	168.63 7.37 0.00	187.49 7.15 -25.83	232.35 5.44 -111.17	167.52 5.94 -29.54	192.96 2.89 -127.44	156.44 3.07 -85.31	196.61 2.35 -139.10
RUSSELL___1 23602	90.25 -3.99 0.00	94.11 -4.41 0.00	92.22 -4.25 0.59	99.68 -4.62 0.00	105.50 -4.40 0.00	87.87 -2.73 -0.15	41.70 -0.97 -6.22	53.74 -1.65 -5.29	117.82 -3.80 8.43	121.26 -4.38 0.00	99.15 -2.63 -0.25	69.30 -1.79 -0.01	53.70 -1.82 -0.12	40.71 -1.67 -0.22	47.59 -1.94 -0.84	38.08 -1.38 -4.28	70.47 -2.64 -8.70	147.49 -7.58 6.20	125.61 -7.75 21.15	83.63 -5.69 26.43	91.78 -7.24 33.02	47.08 -3.28 12.26	46.90 -2.82 18.34	39.16 -2.18 13.81
RUSSELL___2 23532	90.25 -3.99 0.00	94.11 -4.41 0.00	92.22 -4.25 0.59	99.68 -4.62 0.00	105.50 -4.40 0.00	87.87 -2.73 -0.15	41.70 -0.97 -6.22	53.74 -1.65 -5.29	117.82 -3.80 8.43	121.26 -4.38 0.00	99.15 -2.63 -0.25	69.30 -1.79 -0.01	53.70 -1.82 -0.12	40.71 -1.67 -0.22	47.59 -1.94 -0.84	38.08 -1.38 -4.28	70.47 -2.64 -8.70	147.49 -7.58 6.20	125.61 -7.75 21.15	83.63 -5.69 26.43	91.78 -7.24 33.02	47.08 -3.28 12.26	46.90 -2.82 18.34	39.16 -2.18 13.81
RUSSELL___3 23549	90.25 -3.99 0.00	94.11 -4.41 0.00	92.22 -4.25 0.59	99.68 -4.62 0.00	105.50 -4.40 0.00	87.87 -2.73 -0.15	41.70 -0.97 -6.22	53.74 -1.65 -5.29	117.82 -3.80 8.43	121.26 -4.38 0.00	99.15 -2.63 -0.25	69.30 -1.79 -0.01	53.70 -1.82 -0.12	40.71 -1.67 -0.22	47.59 -1.94 -0.84	38.08 -1.38 -4.28	70.47 -2.64 -8.70	147.49 -7.58 6.20	125.61 -7.75 21.15	83.63 -5.69 26.43	91.78 -7.24 33.02	47.08 -3.28 12.26	46.90 -2.82 18.34	39.16 -2.18 13.81
RUSSELL___4 23556	90.25 -3.99 0.00	94.11 -4.41 0.00	92.22 -4.25 0.59	99.68 -4.62 0.00	105.50 -4.40 0.00	87.87 -2.73 -0.15	41.70 -0.97 -6.22	53.74 -1.65 -5.29	117.82 -3.80 8.43	121.26 -4.38 0.00	99.15 -2.63 -0.25	69.30 -1.79 -0.01	53.70 -1.82 -0.12	40.71 -1.67 -0.22	47.59 -1.94 -0.84	38.08 -1.38 -4.28	70.47 -2.64 -8.70	147.49 -7.58 6.20	125.61 -7.75 21.15	83.63 -5.69 26.43	91.78 -7.24 33.02	47.08 -3.28 12.26	46.90 -2.82 18.34	39.16 -2.18 13.81
RUSSELL___STATION 23914	90.25 -3.99 0.00	94.11 -4.41 0.00	92.22 -4.25 0.59	99.68 -4.62 0.00	105.50 -4.40 0.00	87.87 -2.73 -0.15	41.70 -0.97 -6.22	53.74 -1.65 -5.29	117.82 -3.80 8.43	121.26 -4.38 0.00	99.15 -2.63 -0.25	69.30 -1.79 -0.01	53.70 -1.82 -0.12	40.71 -1.67 -0.22	47.59 -1.94 -0.84	38.08 -1.38 -4.28	70.47 -2.64 -8.70	147.49 -7.58 6.20	125.61 -7.75 21.15	83.63 -5.69 26.43	91.78 -7.24 33.02	47.08 -3.28 12.26	46.90 -2.82 18.34	39.16 -2.18 13.81
S SALMON___HYD 24043	91.42 -2.82 0.00	95.34 -3.17 0.00	93.87 -3.19 0.00	100.91 -3.40 0.00	107.63 -2.27 0.00	89.09 -1.56 -0.20	39.83 -0.61 -3.99	55.18 -0.80 -5.88	128.97 -1.66 -0.58	124.21 -1.43 0.00	100.52 -1.16 -0.14	69.84 -1.25 -0.01	54.22 -1.25 -0.07	41.24 -1.04 -0.13	48.02 -1.17 -0.49	37.05 -0.62 -2.49	70.06 -0.36 -6.02	161.12 -0.15 0.00	154.26 -0.25 0.00	116.08 -0.42 -0.75	130.85 -1.19 0.00	64.39 -0.76 -2.52	67.31 -1.49 -0.74	55.12 -1.35 -1.31
S.PERRY___115KV_TB1 80734	91.60 -2.64 0.00	95.36 -3.16 0.00	91.77 -3.80 1.49	100.12 -4.18 0.00	106.19 -3.70 0.00	88.66 -1.76 0.02	44.44 -0.52 -8.52	52.73 -0.97 -3.60	105.21 -1.80 23.04	123.92 -1.72 0.00	101.73 -0.15 -0.35	70.77 -0.32 -0.02	54.06 -1.51 -0.16	40.73 -1.74 -0.31	47.72 -2.16 -1.19	40.08 -1.16 -6.06	73.61 -1.21 -10.42	142.70 -2.57 16.00	139.25 -2.99 12.28	100.49 -2.64 12.61	100.83 -4.40 26.81	63.34 -2.04 -2.75	32.99 -1.46 33.61	20.42 -1.38 33.37
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	85.77 -8.47 0.00	89.43 -9.09 0.00	87.27 -8.80 0.99	94.81 -9.49 0.00	100.50 -9.40 0.00	83.92 -6.64 -0.11	41.92 -2.82 -8.29	52.80 -4.43 -7.13	105.93 -10.78 13.35	114.58 -11.06 0.00	94.49 -7.35 -0.32	66.13 -4.96 -0.02	51.13 -4.42 -0.15	38.66 -3.78 -0.29	45.23 -4.56 -1.10	37.18 -3.56 -5.56	68.26 -6.78 -10.65	131.81 -18.60 10.85	86.36 -18.53 49.63	43.33 -13.70 58.72	43.09 -16.40 72.54	24.79 -7.41 30.44	29.00 -6.34 32.72	28.64 -4.80 21.73

SAWYER___23_KV_LOAD 55526	85.77 -8.47 0.00	89.43 -9.09 0.00	87.27 -8.80 0.99	94.81 -9.49 0.00	100.50 -9.40 0.00	83.92 -6.64 -0.11	41.92 -2.82 -8.29	52.80 -4.43 -7.13	105.93 -10.78 13.35	114.58 -11.06 0.00	94.49 -7.35 -0.32	66.13 -4.96 -0.02	51.13 -4.42 -0.15	38.66 -3.78 -0.29	45.23 -4.56 -1.10	37.18 -3.56 -5.56	68.26 -6.78 -10.65	131.81 -18.60 10.85	86.36 -18.53 49.63	43.33 -13.70 58.72	43.09 -16.40 72.54	24.79 -7.41 30.44	29.00 -6.34 32.72	28.64 -4.80 21.73
SELKIRK___I 23801	97.65 3.41 0.00	101.91 3.39 0.00	100.43 3.37 0.00	107.90 3.61 0.00	113.45 3.56 0.00	97.29 3.42 -3.42	116.06 1.49 -78.12	183.09 1.94 -131.05	159.38 4.82 -24.50	130.19 4.55 0.00	107.86 3.87 -2.46	73.70 2.50 -0.13	58.50 1.94 -1.15	45.72 1.37 -2.19	58.58 1.55 -8.34	78.68 1.20 -42.30	169.29 2.31 -102.58	166.62 5.35 0.00	170.62 5.17 -10.93	173.78 3.98 -54.05	148.89 4.35 -12.50	142.36 2.22 -77.51	112.80 2.54 -42.19	124.17 2.23 -66.78
SELKIRK___II 23799	97.29 3.06 0.00	101.49 2.97 0.00	99.96 2.90 0.00	107.39 3.08 0.00	112.84 2.94 0.00	96.86 2.95 -3.46	117.20 1.33 -79.42	185.59 1.76 -133.74	159.96 4.47 -25.44	130.09 4.45 0.00	107.91 3.90 -2.48	73.80 2.59 -0.13	58.67 2.10 -1.16	45.89 1.51 -2.22	58.80 1.69 -8.42	79.08 1.19 -42.70	170.08 2.10 -103.57	165.99 4.73 0.00	170.60 4.61 -11.47	175.57 3.61 -56.21	149.05 3.89 -13.12	144.27 2.00 -79.64	114.19 2.30 -43.83	126.67 2.00 -69.50
SENECA OSWGO___HYD 24041	91.54 -2.70 0.00	95.52 -2.99 0.00	94.05 -3.01 0.00	101.06 -3.24 0.00	106.65 -3.24 0.00	88.41 -2.26 -0.23	40.22 -0.71 -4.48	55.65 -1.05 -6.60	127.98 -2.72 -0.65	122.69 -2.94 0.00	99.57 -2.12 -0.16	69.44 -1.64 -0.01	54.09 -1.39 -0.08	41.28 -1.02 -0.14	48.07 -1.18 -0.55	37.32 -0.66 -2.79	69.91 -1.25 -6.76	157.94 -3.33 0.00	151.28 -3.24 0.00	114.11 -2.48 -0.84	128.88 -3.16 0.00	63.96 -1.49 -2.83	67.18 -1.71 -0.83	55.16 -1.47 -1.47
SENECA___115KV_TB3 355854	86.59 -7.64 0.00	90.30 -8.22 0.00	87.97 -8.03 1.06	95.68 -8.62 0.00	101.41 -8.48 0.00	84.75 -5.80 -0.11	42.61 -2.46 -8.62	53.53 -3.83 -7.26	106.58 -9.18 14.29	116.30 -9.33 0.00	95.95 -5.91 -0.34	67.12 -3.97 -0.02	51.85 -3.71 -0.16	39.22 -3.23 -0.30	45.95 -3.89 -1.14	37.95 -3.05 -5.81	69.63 -5.80 -11.03	133.82 -16.04 11.41	86.96 -16.09 51.46	41.46 -12.12 62.17	40.22 -14.66 77.16	23.44 -6.63 32.55	27.23 -5.57 35.26	27.31 -4.23 23.62
SENECA___ENERGY 23797	91.74 -2.50 0.00	95.65 -2.87 0.00	93.86 -2.99 0.21	100.91 -3.39 0.00	106.57 -3.33 0.00	88.81 -1.93 -0.30	43.37 -0.46 -7.37	59.83 -0.76 -10.49	126.07 -2.22 1.77	123.22 -2.42 0.00	100.51 -1.28 -0.26	70.06 -1.03 -0.01	54.55 -0.98 -0.12	41.59 -0.80 -0.23	48.60 -0.99 -0.89	39.16 -0.55 -4.52	73.88 -0.89 -10.37	155.99 -3.05 2.23	147.36 -3.06 4.10	111.10 -2.39 2.26	121.85 -2.98 7.21	64.56 -1.45 -3.39	63.61 -1.49 2.97	52.88 -1.27 1.01
SHOEMAKER___GT 23640	98.45 4.22 0.00	102.42 3.90 0.00	100.76 3.70 0.00	108.24 3.93 0.00	113.54 3.65 0.00	97.00 3.95 -2.60	93.66 1.95 -55.26	141.65 2.80 -88.76	150.40 7.03 -13.32	132.47 6.83 0.00	109.26 5.87 -1.87	75.03 3.85 -0.10	59.38 3.10 -0.88	46.28 2.46 -1.67	57.87 2.84 -6.34	69.44 2.09 -32.16	146.22 3.83 -77.99	170.61 9.35 0.00	168.61 9.09 -5.00	151.21 6.87 -28.60	145.11 7.34 -5.72	114.68 3.60 -48.45	94.47 3.75 -22.66	92.83 2.77 -34.90
SHOEMAKR_138KV_BK 111 55601	98.38 4.14 0.00	102.34 3.83 0.00	100.69 3.63 0.00	108.18 3.88 0.00	113.47 3.57 0.00	96.90 3.87 -2.59	93.27 1.93 -54.89	141.04 2.78 -88.16	150.24 6.96 -13.22	132.45 6.82 0.00	109.25 5.87 -1.86	75.09 3.92 -0.10	59.41 3.13 -0.87	46.30 2.49 -1.66	57.87 2.89 -6.30	69.24 2.12 -31.94	145.69 3.83 -77.46	170.55 9.28 0.00	168.45 8.97 -4.97	150.91 6.76 -28.40	145.00 7.27 -5.68	114.34 3.59 -48.12	94.26 3.70 -22.50	92.55 2.73 -34.66
SHOREHAM_IC_1 23715	102.39 8.16 0.00	106.21 7.69 0.00	104.34 7.28 0.00	112.99 8.69 0.00	117.88 7.98 0.00	105.91 8.35 -7.11	100.55 3.63 -60.47	151.41 4.18 -97.13	155.51 9.51 -15.94	135.09 8.60 -0.85	112.51 8.56 -2.43	77.10 5.83 -0.20	60.73 4.37 -0.96	48.23 3.27 -2.80	59.94 3.88 -7.37	73.22 2.51 -35.53	155.42 5.63 -85.39	174.24 12.97 0.00	172.67 12.66 -5.48	157.42 10.35 -31.32	149.83 11.51 -6.27	142.67 6.15 -73.90	126.46 6.33 -52.07	97.90 4.50 -38.24
SHOREHAM_IC_2 23716	102.39 8.16 0.00	106.21 7.69 0.00	104.34 7.28 0.00	112.99 8.69 0.00	117.88 7.98 0.00	105.91 8.35 -7.11	100.55 3.63 -60.47	151.41 4.18 -97.13	155.51 9.51 -15.94	135.09 8.60 -0.85	112.51 8.56 -2.43	77.10 5.83 -0.20	60.73 4.37 -0.96	48.23 3.27 -2.80	59.94 3.88 -7.37	73.22 2.51 -35.53	155.42 5.63 -85.39	174.24 12.97 0.00	172.67 12.66 -5.48	157.42 10.35 -31.32	149.83 11.51 -6.27	142.67 6.15 -73.90	126.46 6.33 -52.07	97.90 4.50 -38.24
SISSONVILLE____ 23735	94.37 0.14 0.00	99.06 0.55 0.00	97.72 0.67 0.00	105.30 0.99 0.00	111.34 1.44 0.00	89.69 -0.75 0.00	35.62 -0.83 0.00	49.00 -1.10 0.00	127.76 -2.30 0.00	124.12 -1.52 0.00	99.92 -1.61 0.00	70.09 -0.99 0.00	54.56 -0.84 0.00	41.42 -0.74 0.00	47.68 -1.01 0.00	34.14 -1.05 0.00	63.12 -1.28 0.00	159.10 -2.17 0.00	152.52 -2.00 0.00	114.07 -1.67 0.00	130.50 -1.54 0.00	61.81 -0.82 0.00	67.52 -0.54 0.00	55.14 -0.02 0.00
SITHE_IND_GS1 24169	90.31 -3.93 0.00	94.29 -4.23 0.00	92.89 -4.17 0.00	99.82 -4.48 0.00	105.25 -4.64 0.00	87.11 -3.51 -0.18	38.69 -1.27 -3.51	53.43 -1.84 -5.17	125.82 -4.75 -0.51	120.85 -4.78 0.00	98.02 -3.64 -0.13	68.43 -2.65 -0.01	53.29 -2.17 -0.06	40.65 -1.62 -0.11	47.22 -1.91 -0.43	36.15 -1.22 -2.18	67.35 -2.34 -5.30	155.10 -6.16 0.00	148.54 -5.98 0.00	111.91 -4.49 -0.66	126.67 -5.37 0.00	62.33 -2.51 -2.21	66.02 -2.69 -0.65	54.14 -2.18 -1.15
SITHE_IND_GS2 24170	90.31 -3.93 0.00	94.29 -4.23 0.00	92.89 -4.17 0.00	99.82 -4.48 0.00	105.25 -4.64 0.00	87.11 -3.51 -0.18	38.69 -1.27 -3.51	53.43 -1.84 -5.17	125.82 -4.75 -0.51	120.85 -4.78 0.00	98.02 -3.64 -0.13	68.43 -2.65 -0.01	53.29 -2.17 -0.06	40.65 -1.62 -0.11	47.22 -1.91 -0.43	36.15 -1.22 -2.18	67.35 -2.34 -5.30	155.10 -6.16 0.00	148.54 -5.98 0.00	111.91 -4.49 -0.66	126.67 -5.37 0.00	62.33 -2.51 -2.21	66.02 -2.69 -0.65	54.14 -2.18 -1.15
SITHE_IND_GS3 24171	90.31 -3.93 0.00	94.29 -4.23 0.00	92.89 -4.17 0.00	99.82 -4.48 0.00	105.25 -4.64 0.00	87.11 -3.51 -0.18	38.69 -1.27 -3.51	53.43 -1.84 -5.17	125.82 -4.75 -0.51	120.85 -4.78 0.00	98.02 -3.64 -0.13	68.43 -2.65 -0.01	53.29 -2.17 -0.06	40.65 -1.62 -0.11	47.22 -1.91 -0.43	36.15 -1.22 -2.18	67.35 -2.34 -5.30	155.10 -6.16 0.00	148.54 -5.98 0.00	111.91 -4.49 -0.66	126.67 -5.37 0.00	62.33 -2.51 -2.21	66.02 -2.69 -0.65	54.14 -2.18 -1.15
SITHE_IND_GS4 24172	90.31 -3.93 0.00	94.29 -4.23 0.00	92.89 -4.17 0.00	99.82 -4.48 0.00	105.25 -4.64 0.00	87.11 -3.51 -0.18	38.69 -1.27 -3.51	53.43 -1.84 -5.17	125.82 -4.75 -0.51	120.85 -4.78 0.00	98.02 -3.64 -0.13	68.43 -2.65 -0.01	53.29 -2.17 -0.06	40.65 -1.62 -0.11	47.22 -1.91 -0.43	36.15 -1.22 -2.18	67.35 -2.34 -5.30	155.10 -6.16 0.00	148.54 -5.98 0.00	111.91 -4.49 -0.66	126.67 -5.37 0.00	62.33 -2.51 -2.21	66.02 -2.69 -0.65	54.14 -2.18 -1.15

SITHE___BATAVIA 24024	89.35 -4.89 0.00	93.16 -5.36 0.00	91.11 -5.17 0.78	98.64 -5.66 0.00	104.60 -5.30 0.00	87.44 -3.14 -0.13	42.52 -1.34 -7.41	54.84 -2.25 -6.99	114.46 -5.15 10.45	119.21 -6.43 0.00	97.46 -4.35 -0.28	67.87 -3.23 -0.01	52.34 -3.20 -0.13	39.64 -2.77 -0.25	46.60 -3.06 -0.97	37.81 -2.29 -4.91	70.05 -4.08 -9.73	142.44 -11.18 7.65	113.83 -11.21 29.47	70.24 -8.39 37.11	73.17 -10.36 48.51	39.19 -4.65 18.79	40.33 -3.58 24.16	35.76 -2.77 16.62
SITHE___INDEPEND 23800	90.30 -3.93 0.00	94.29 -4.23 0.00	92.88 -4.17 0.00	99.82 -4.49 0.00	105.25 -4.65 0.00	87.12 -3.50 -0.18	38.69 -1.27 -3.51	53.43 -1.83 -5.17	125.81 -4.75 -0.51	120.85 -4.78 0.00	98.01 -3.64 -0.13	68.43 -2.65 -0.01	53.30 -2.17 -0.06	40.66 -1.61 -0.11	47.22 -1.90 -0.43	36.15 -1.22 -2.18	67.35 -2.35 -5.30	155.10 -6.16 0.00	148.54 -5.98 0.00	111.93 -4.48 -0.66	126.67 -5.37 0.00	62.33 -2.51 -2.21	66.04 -2.67 -0.65	54.15 -2.17 -1.15
SITHE___MASSENA 23902	94.69 0.46 0.00	99.41 0.89 0.00	98.04 0.98 0.00	105.56 1.25 0.00	111.54 1.65 0.00	90.48 0.03 0.00	35.98 -0.47 0.00	49.45 -0.65 0.00	128.59 -1.47 0.00	124.18 -1.46 0.00	99.74 -1.79 0.00	70.11 -0.97 0.00	54.69 -0.72 0.00	41.56 -0.59 0.00	47.94 -0.75 0.00	34.54 -0.64 0.00	63.49 -0.91 0.00	159.59 -1.68 0.00	152.87 -1.65 0.00	114.44 -1.31 0.00	131.13 -0.92 0.00	62.01 -0.61 0.00	67.60 -0.46 0.00	55.09 -0.07 0.00
SITHE___OGDNSBRG 24021	96.38 2.14 0.00	101.18 2.66 0.00	99.79 2.73 0.00	107.52 3.22 0.00	113.62 3.72 0.00	91.77 1.32 0.00	36.51 0.06 0.00	50.20 0.11 0.00	130.52 0.46 0.00	125.66 0.02 0.00	100.53 -1.00 0.00	70.55 -0.53 0.00	54.97 -0.44 0.00	41.73 -0.42 0.00	48.04 -0.65 0.00	34.57 -0.62 0.00	64.28 -0.12 0.00	162.31 1.05 0.00	155.51 0.99 0.00	116.30 0.55 0.00	133.24 1.20 0.00	62.99 0.36 0.00	68.70 0.63 0.00	56.03 0.87 0.00
SITHE___STERLING 23777	95.90 1.67 0.00	100.27 1.75 0.00	98.84 1.78 0.00	106.28 1.98 0.00	112.44 2.54 0.00	93.29 2.69 -0.16	40.95 1.28 -3.22	56.62 1.78 -4.75	135.30 4.78 -0.47	129.93 4.29 0.00	105.07 3.42 -0.12	72.98 1.90 -0.01	56.77 1.31 -0.06	43.25 0.99 -0.10	50.34 1.25 -0.39	38.26 1.07 -2.01	71.77 2.51 -4.86	168.03 6.77 0.00	160.89 6.37 0.00	120.82 4.47 -0.60	136.57 4.53 0.00	66.71 2.05 -2.03	70.56 1.90 -0.60	57.53 1.31 -1.06
SLEIGHT__34_KV_TB1 80719	90.68 -3.55 0.00	94.58 -3.94 0.00	92.87 -3.88 0.31	100.10 -4.20 0.00	105.84 -4.05 0.00	88.11 -2.57 -0.23	42.00 -0.80 -6.35	56.10 -1.28 -7.28	122.83 -3.13 4.09	122.16 -3.48 0.00	99.51 -2.26 -0.24	69.44 -1.65 -0.01	53.94 -1.58 -0.11	40.94 -1.43 -0.22	47.84 -1.68 -0.82	38.23 -1.13 -4.17	71.61 -2.01 -9.23	152.02 -5.89 3.35	136.97 -5.96 11.58	97.56 -4.38 13.80	108.54 -5.61 17.89	55.26 -2.64 4.73	56.36 -2.46 9.25	46.84 -1.95 6.37
SOUTH CAIRO___GT 23612	101.34 7.11 0.00	105.62 7.10 0.00	104.06 7.00 0.00	111.83 7.53 0.00	117.67 7.77 0.00	100.79 7.02 -3.32	115.31 3.15 -75.70	181.12 4.08 -126.95	164.36 10.60 -23.70	135.01 9.37 0.00	110.80 6.89 -2.38	74.90 3.70 -0.12	59.33 2.81 -1.12	46.30 2.01 -2.13	59.21 2.43 -8.08	78.09 1.90 -41.01	168.34 4.49 -99.45	174.25 12.99 0.00	177.76 12.68 -10.57	177.25 9.21 -52.29	154.29 10.16 -12.08	142.45 4.77 -75.05	114.16 5.28 -40.82	124.31 4.56 -64.59
SOUTH HAMPTN___IC 23720	103.46 9.23 0.00	107.29 8.77 0.00	105.39 8.33 0.00	113.94 9.63 0.00	118.95 9.06 0.00	106.84 9.28 -7.11	100.95 4.03 -60.47	152.14 4.91 -97.13	157.35 11.36 -15.94	136.92 10.43 -0.85	113.85 9.89 -2.43	77.96 6.69 -0.20	61.46 5.10 -0.96	48.81 3.85 -2.80	60.61 4.55 -7.37	73.83 3.12 -35.53	156.29 6.50 -85.39	175.94 14.67 0.00	174.23 14.23 -5.48	158.92 11.86 -31.32	151.66 13.35 -6.27	143.52 6.99 -73.90	127.38 7.25 -52.07	98.48 5.08 -38.24
SOUTHDOW_115KV_TB1 355954	87.07 -7.16 0.00	90.83 -7.69 0.00	88.41 -7.42 1.24	96.72 -7.59 0.00	102.80 -7.09 0.00	86.01 -4.51 -0.08	43.93 -1.77 -9.25	55.42 -2.42 -7.74	109.41 -5.32 15.33	120.21 -5.43 0.00	99.69 -2.21 -0.36	70.28 -0.82 -0.02	54.17 -1.41 -0.17	41.04 -1.44 -0.33	48.44 -1.48 -1.23	40.24 -1.20 -6.25	73.16 -2.87 -11.64	141.27 -10.53 9.46	109.19 -11.61 33.71	48.18 -8.94 58.62	41.20 -11.48 79.36	25.65 -4.92 32.06	24.74 -4.23 39.09	24.36 -3.14 27.66
SOUTHOLD_69_KV_BK 2 55809	104.74 10.50 0.00	108.59 10.07 0.00	106.66 9.61 0.00	115.29 10.98 0.00	120.45 10.55 0.00	108.15 10.59 -7.11	101.52 4.60 -60.47	152.98 5.76 -97.13	159.34 13.35 -15.94	138.74 12.26 -0.85	115.22 11.27 -2.43	78.82 7.54 -0.20	62.18 5.82 -0.96	49.37 4.41 -2.80	61.23 5.17 -7.37	74.33 3.62 -35.53	156.69 6.90 -85.39	175.25 13.98 0.00	176.07 16.07 -5.48	161.02 13.96 -31.32	154.29 15.98 -6.27	144.76 8.23 -73.90	128.61 8.48 -52.07	99.21 5.81 -38.24
SOUTHOLD___IC 23719	104.73 10.49 0.00	108.59 10.07 0.00	106.66 9.60 0.00	115.29 10.98 0.00	120.46 10.56 0.00	108.15 10.59 -7.11	101.52 4.60 -60.47	152.98 5.74 -97.13	159.37 13.38 -15.94	138.76 12.27 -0.85	115.22 11.27 -2.43	78.81 7.54 -0.20	62.18 5.82 -0.96	49.38 4.42 -2.80	61.23 5.17 -7.37	74.33 3.62 -35.53	156.71 6.93 -85.39	175.23 13.96 0.00	176.06 16.06 -5.48	161.03 13.97 -31.32	154.31 15.99 -6.27	144.75 8.23 -73.90	128.66 8.53 -52.07	99.23 5.83 -38.24
SOUTH_FORK_WT_PWR 323839	104.73 10.49 0.00	108.59 10.07 0.00	106.66 9.60 0.00	115.31 11.01 0.00	120.46 10.57 0.00	108.15 10.59 -7.11	101.53 4.60 -60.47	152.98 5.75 -97.13	159.37 13.38 -15.94	138.72 12.24 -0.85	115.15 11.20 -2.43	78.78 7.50 -0.20	62.13 5.76 -0.96	49.35 4.39 -2.80	61.20 5.14 -7.37	74.32 3.60 -35.53	156.94 7.15 -85.39	176.38 15.11 0.00	175.41 15.41 -5.48	161.08 14.01 -31.32	154.52 16.21 -6.27	144.87 8.35 -73.90	128.80 8.67 -52.07	99.18 5.78 -38.24
SPIERFLS_115KV_TB 1 80737	101.78 7.54 0.00	106.13 7.61 0.00	104.71 7.65 0.00	112.51 8.20 0.00	118.37 8.47 0.00	101.97 7.93 -3.60	138.16 3.64 -98.07	234.92 5.10 -179.72	189.51 13.24 -46.22	137.29 11.65 0.00	113.30 9.19 -2.58	76.91 5.70 -0.13	60.97 4.35 -1.21	47.55 3.09 -2.31	61.42 3.95 -8.77	82.95 3.27 -44.49	178.87 6.56 -107.91	177.66 16.39 0.00	194.81 16.05 -24.24	232.96 12.17 -105.05	173.36 13.59 -27.73	190.99 6.41 -121.96	155.41 6.67 -80.68	191.72 5.23 -131.33
ST LAWRENCE____ 23600	93.66 -0.57 0.00	98.33 -0.18 0.00	96.97 -0.08 0.00	104.38 0.08 0.00	110.28 0.38 0.00	89.58 -0.86 0.00	35.66 -0.79 0.00	49.04 -1.06 0.00	127.42 -2.63 0.00	122.97 -2.67 0.00	98.80 -2.72 0.00	69.47 -1.61 0.00	54.22 -1.19 0.00	41.22 -0.93 0.00	47.58 -1.11 0.00	34.31 -0.87 0.00	62.97 -1.43 0.00	158.20 -3.06 0.00	151.59 -2.93 0.00	113.50 -2.25 0.00	129.96 -2.08 0.00	61.47 -1.15 0.00	66.93 -1.14 0.00	54.50 -0.66 0.00
STATE_CA_115KV_115_LB 55624	97.84 3.61 0.00	102.00 3.49 0.00	100.48 3.42 0.00	107.97 3.67 0.00	113.44 3.55 0.00	97.47 3.51 -3.51	125.39 1.56 -87.38	205.69 2.09 -153.50	169.90 5.40 -34.44	130.95 5.31 0.00	108.67 4.62 -2.52	74.35 3.14 -0.13	59.15 2.57 -1.18	46.23 1.82 -2.25	59.30 2.06 -8.55	80.03 1.46 -43.39	172.18 2.54 -105.24	167.03 5.76 0.00	177.12 5.59 -17.02	197.41 4.28 -77.39	156.17 4.67 -19.46	162.90 2.36 -97.92	130.61 2.74 -59.80	153.92 2.44 -96.31

STATE_ST_34_KV_LOAD 55959	93.24 -1.00 0.00	97.32 -1.20 0.00	96.19 -1.24 -0.37	102.98 -1.32 0.00	108.61 -1.28 0.00	90.23 -0.70 -0.49	44.33 -0.04 -7.91	65.24 -0.02 -15.16	137.67 -0.04 -7.65	125.36 -0.28 0.00	101.70 -0.08 -0.26	70.77 -0.32 -0.01	55.12 -0.41 -0.12	42.06 -0.32 -0.23	49.21 -0.36 -0.88	39.54 -0.10 -4.46	76.33 0.06 -11.88	164.69 -0.55 -3.97	168.64 -0.58 -14.70	137.53 -0.13 -21.92	153.41 -0.60 -21.96	79.69 -0.36 -17.42	83.27 -0.36 -15.57	69.45 -0.40 -14.68
STATION_5_MISC_HYD 23604	89.72 -4.52 0.00	93.59 -4.93 0.00	91.69 -4.78 0.59	99.13 -5.17 0.00	104.89 -5.01 0.00	87.35 -3.24 -0.15	41.49 -1.18 -6.22	53.42 -1.96 -5.29	117.02 -4.60 8.43	120.48 -5.16 0.00	98.51 -3.26 -0.25	68.83 -2.26 -0.01	53.34 -2.18 -0.12	40.46 -1.92 -0.22	47.28 -2.25 -0.84	37.84 -1.63 -4.28	70.06 -3.04 -8.70	146.38 -8.69 6.20	124.54 -8.83 21.15	82.77 -6.55 26.43	90.87 -8.15 33.02	46.70 -3.67 12.26	46.50 -3.23 18.34	38.79 -2.56 13.81
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	91.33 -2.91 0.00	95.22 -3.30 0.00	93.19 -3.29 0.58	100.70 -3.60 0.00	106.56 -3.33 0.00	88.76 -1.83 -0.15	42.19 -0.50 -6.23	54.48 -0.90 -5.29	119.48 -2.09 8.48	123.04 -2.60 0.00	100.43 -1.35 -0.25	70.08 -1.01 -0.01	54.40 -1.13 -0.12	41.32 -1.05 -0.22	48.27 -1.27 -0.84	38.66 -0.81 -4.28	71.65 -1.47 -8.72	150.43 -4.60 6.24	128.12 -4.71 21.69	85.44 -3.57 26.73	94.09 -4.65 33.29	48.11 -2.19 12.33	47.90 -1.91 18.25	39.91 -1.55 13.70
STA_56_34_KV_BUS2_REV_LBMP_B 345033	89.44 -4.80 0.00	93.30 -5.22 0.00	91.39 -5.09 0.57	98.81 -5.49 0.00	104.56 -5.34 0.00	87.06 -3.53 -0.15	41.33 -1.30 -6.18	53.32 -2.08 -5.30	116.83 -4.97 8.25	120.20 -5.44 0.00	98.23 -3.54 -0.25	68.63 -2.46 -0.01	53.22 -2.30 -0.12	40.38 -2.00 -0.22	47.17 -2.35 -0.84	37.74 -1.68 -4.24	69.89 -3.16 -8.65	146.28 -8.92 6.07	124.78 -9.02 20.71	83.26 -6.64 25.84	91.42 -8.31 32.31	46.87 -3.82 11.94	46.70 -3.44 17.92	39.01 -2.68 13.48
STA_56__34_KV_BUS2 355983	89.44 -4.80 0.00	93.30 -5.22 0.00	91.39 -5.09 0.57	98.81 -5.49 0.00	104.56 -5.34 0.00	87.06 -3.53 -0.15	41.33 -1.30 -6.18	53.32 -2.08 -5.30	116.83 -4.97 8.25	120.20 -5.44 0.00	98.23 -3.54 -0.25	68.63 -2.46 -0.01	53.22 -2.30 -0.12	40.38 -2.00 -0.22	47.17 -2.35 -0.84	37.74 -1.68 -4.24	69.89 -3.16 -8.65	146.28 -8.92 6.07	124.78 -9.02 20.71	83.26 -6.64 25.84	91.42 -8.31 32.31	46.87 -3.82 11.94	46.70 -3.44 17.92	39.01 -2.68 13.48
STA_67__115KV_BK2 355882	89.51 -4.72 0.00	93.36 -5.16 0.00	91.46 -5.02 0.58	98.89 -5.42 0.00	104.65 -5.24 0.00	87.14 -3.45 -0.15	41.38 -1.29 -6.22	53.29 -2.10 -5.29	116.65 -5.00 8.41	120.15 -5.49 0.00	98.21 -3.56 -0.25	68.63 -2.46 -0.01	53.20 -2.32 -0.12	40.34 -2.03 -0.22	47.14 -2.39 -0.84	37.74 -1.72 -4.27	69.82 -3.27 -8.70	145.90 -9.18 6.19	124.08 -9.30 21.13	82.52 -6.84 26.39	90.55 -8.53 32.97	46.49 -3.90 12.24	46.32 -3.44 18.30	38.73 -2.64 13.78
STA_7__115KV_9TRANS 80674	90.25 -3.99 0.00	94.11 -4.41 0.00	92.22 -4.25 0.59	99.68 -4.62 0.00	105.50 -4.40 0.00	87.87 -2.73 -0.15	41.70 -0.97 -6.22	53.74 -1.65 -5.29	117.82 -3.80 8.43	121.26 -4.38 0.00	99.15 -2.63 -0.25	69.30 -1.79 -0.01	53.70 -1.82 -0.12	40.71 -1.67 -0.22	47.59 -1.94 -0.84	38.08 -1.38 -4.28	70.47 -2.64 -8.70	147.49 -7.58 6.20	125.61 -7.75 21.15	83.63 -5.69 26.43	91.78 -7.24 33.02	47.08 -3.28 12.26	46.90 -2.82 18.34	39.16 -2.18 13.81
STA_82__115KV_TB1 80780	89.52 -4.72 0.00	93.41 -5.11 0.00	91.50 -4.97 0.59	98.91 -5.39 0.00	104.68 -5.21 0.00	87.17 -3.42 -0.15	41.43 -1.27 -6.25	53.30 -2.08 -5.29	116.62 -4.91 8.53	120.20 -5.44 0.00	98.25 -3.52 -0.25	68.65 -2.45 -0.01	53.22 -2.30 -0.12	40.35 -2.03 -0.22	47.17 -2.37 -0.85	37.77 -1.72 -4.30	69.91 -3.23 -8.74	145.92 -9.11 6.24	124.02 -9.24 21.25	82.35 -6.80 26.60	90.33 -8.45 33.25	46.41 -3.85 12.37	46.14 -3.41 18.51	38.58 -2.63 13.96
STEEL__WIND 323596	86.37 -7.86 0.00	90.11 -8.41 0.00	87.80 -8.20 1.06	95.46 -8.84 0.00	101.18 -8.71 0.00	84.58 -5.97 -0.11	42.55 -2.53 -8.62	53.40 -3.96 -7.26	106.33 -9.43 14.29	116.12 -9.52 0.00	95.78 -6.09 -0.34	67.01 -4.08 -0.02	51.75 -3.82 -0.16	39.16 -3.30 -0.30	45.86 -3.98 -1.14	37.86 -3.13 -5.81	69.56 -5.87 -11.03	133.58 -16.27 11.41	86.74 -16.31 51.46	41.13 -12.45 62.17	39.96 -14.92 77.16	23.32 -6.75 32.55	27.07 -5.73 35.26	27.11 -4.43 23.62
STEPHTWN_115KV_BK_2 55603	98.54 4.30 0.00	102.58 4.06 0.00	100.98 3.92 0.00	108.71 4.41 0.00	114.23 4.34 0.00	97.81 3.89 -3.47	120.60 1.86 -82.29	193.54 2.51 -140.93	165.23 6.43 -28.75	131.77 6.13 0.00	109.15 5.13 -2.49	74.60 3.39 -0.13	59.36 2.79 -1.17	46.28 1.90 -2.23	59.38 2.23 -8.46	79.74 1.65 -42.91	171.40 2.92 -104.08	168.09 6.82 0.00	174.62 6.58 -13.52	184.89 5.13 -64.01	153.02 5.52 -15.46	151.75 2.78 -86.34	120.98 3.20 -49.72	137.40 2.86 -79.38
STEUBEN_REC_LFGE 323667	87.78 -6.46 0.00	91.06 -7.46 0.00	84.23 -9.41 3.42	93.95 -10.35 0.00	99.56 -10.33 0.00	82.62 -7.27 0.55	42.98 -2.86 -9.39	37.48 -4.32 8.29	65.47 -9.26 55.32	117.89 -7.74 0.00	97.77 -4.20 -0.44	68.41 -2.70 -0.02	52.48 -3.13 -0.21	39.78 -2.77 -0.40	46.52 -3.68 -1.51	40.44 -2.38 -7.64	69.84 -3.32 -8.76	116.47 -8.42 36.37	47.98 -8.56 97.98	14.59 -8.38 121.97	-35.30 -10.93 156.41	-5.01 -5.30 62.34	-36.53 -3.79 100.80	-32.73 -4.15 83.75
STILLWATER__SOLAR 323814	100.34 6.11 0.00	104.62 6.10 0.00	103.15 6.09 0.00	110.83 6.53 0.00	116.56 6.67 0.00	100.29 6.27 -3.58	135.85 2.82 -96.57	230.23 3.91 -176.23	184.94 10.13 -44.75	134.54 8.90 0.00	111.20 7.10 -2.57	75.76 4.55 -0.13	60.11 3.50 -1.21	46.95 2.50 -2.30	60.61 3.20 -8.72	82.03 2.61 -44.24	176.85 5.15 -107.30	173.79 12.52 0.00	190.11 12.23 -23.36	226.68 9.31 -101.62	169.08 10.32 -26.71	186.46 4.95 -118.89	151.45 5.31 -78.08	186.25 4.11 -126.98
STONY__BROOK 24151	102.29 8.05 0.00	106.11 7.59 0.00	104.25 7.19 0.00	112.27 7.97 0.00	117.16 7.26 0.00	105.23 7.67 -7.11	100.26 3.34 -60.47	151.52 4.29 -97.13	155.87 9.87 -15.94	136.37 9.89 -0.85	113.27 9.31 -2.43	77.76 6.49 -0.20	61.41 5.04 -0.96	48.80 3.83 -2.81	60.58 4.52 -7.37	73.92 3.20 -35.53	155.95 6.16 -85.39	175.26 13.99 0.00	173.29 13.29 -5.48	157.65 10.59 -31.32	150.16 11.84 -6.27	142.94 6.42 -73.90	126.80 6.67 -52.07	98.21 4.80 -38.24
STURGEON_POOL_HYD 23609	99.38 5.14 0.00	103.29 4.77 0.00	101.58 4.53 0.00	109.11 4.81 0.00	114.41 4.52 0.00	98.10 4.74 -2.92	101.73 2.28 -63.00	155.68 3.37 -102.21	154.87 8.59 -16.23	134.15 8.52 0.00	110.88 7.26 -2.09	76.20 5.02 -0.11	60.38 4.00 -0.98	47.16 3.13 -1.87	59.47 3.66 -7.11	73.91 2.65 -36.07	156.61 4.73 -87.48	172.74 11.47 0.00	171.96 11.02 -6.42	159.15 8.28 -35.11	148.38 9.00 -7.34	123.90 4.38 -56.89	100.30 4.54 -27.71	101.49 3.31 -43.01
ST_LAW_115_BK7_LBMP 345037	93.73 -0.51 0.00	98.41 -0.11 0.00	97.05 -0.01 0.00	104.47 0.17 0.00	110.37 0.47 0.00	89.61 -0.83 0.00	35.64 -0.81 0.00	49.00 -1.10 0.00	127.32 -2.73 0.00	122.91 -2.73 0.00	98.72 -2.81 0.00	69.43 -1.65 0.00	54.19 -1.22 0.00	41.19 -0.96 0.00	47.54 -1.16 0.00	34.26 -0.92 0.00	62.88 -1.52 0.00	158.06 -3.21 0.00	151.39 -3.13 0.00	113.35 -2.40 0.00	129.86 -2.18 0.00	61.41 -1.22 0.00	66.89 -1.17 0.00	54.49 -0.68 0.00

ST_LAW_115_BK8_LBMP 345038	93.73 -0.51 0.00	98.41 -0.11 0.00	97.05 -0.01 0.00	104.47 0.17 0.00	110.37 0.47 0.00	89.61 -0.83 0.00	35.64 -0.81 0.00	49.00 -1.10 0.00	127.32 -2.73 0.00	122.91 -2.73 0.00	98.72 -2.81 0.00	69.43 -1.65 0.00	54.19 -1.22 0.00	41.19 -0.96 0.00	47.54 -1.16 0.00	34.26 -0.92 0.00	62.88 -1.52 0.00	158.06 -3.21 0.00	151.39 -3.13 0.00	113.35 -2.40 0.00	129.86 -2.18 0.00	61.41 -1.22 0.00	66.89 -1.17 0.00	54.49 -0.68 0.00
ST_LAW_230_BK5_LBMP 345035	93.66 -0.57 0.00	98.33 -0.18 0.00	96.97 -0.08 0.00	104.38 0.08 0.00	110.28 0.38 0.00	89.58 -0.86 0.00	35.66 -0.79 0.00	49.04 -1.06 0.00	127.42 -2.63 0.00	122.97 -2.67 0.00	98.80 -2.72 0.00	69.47 -1.61 0.00	54.22 -1.19 0.00	41.22 -0.93 0.00	47.58 -1.11 0.00	34.31 -0.87 0.00	62.97 -1.43 0.00	158.20 -3.06 0.00	151.59 -2.93 0.00	113.50 -2.25 0.00	129.96 -2.08 0.00	61.47 -1.15 0.00	66.93 -1.14 0.00	54.50 -0.66 0.00
ST_LAW_230_BK6_LBMP 345036	93.66 -0.57 0.00	98.33 -0.18 0.00	96.97 -0.08 0.00	104.38 0.08 0.00	110.28 0.38 0.00	89.58 -0.86 0.00	35.66 -0.79 0.00	49.04 -1.06 0.00	127.42 -2.63 0.00	122.97 -2.67 0.00	98.80 -2.72 0.00	69.47 -1.61 0.00	54.22 -1.19 0.00	41.22 -0.93 0.00	47.58 -1.11 0.00	34.31 -0.87 0.00	62.97 -1.43 0.00	158.20 -3.06 0.00	151.59 -2.93 0.00	113.50 -2.25 0.00	129.96 -2.08 0.00	61.47 -1.15 0.00	66.93 -1.14 0.00	54.50 -0.66 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	98.78 4.54 0.00	102.70 4.18 0.00	101.05 3.99 0.00	108.54 4.24 0.00	113.77 3.88 0.00	97.34 4.23 -2.66	95.08 2.13 -56.50	143.91 3.06 -90.75	151.37 7.69 -13.62	133.22 7.59 0.00	110.01 6.58 -1.91	75.67 4.49 -0.10	59.93 3.63 -0.90	46.73 2.87 -1.71	58.52 3.35 -6.48	70.49 2.43 -32.88	148.40 4.27 -79.73	171.49 10.23 0.00	169.49 9.86 -5.12	152.45 7.46 -29.25	145.90 8.01 -5.85	116.13 3.97 -49.54	95.29 4.06 -23.17	93.85 2.99 -35.69
SWANROAD_115KV_TB1 355699	84.62 -9.62 0.00	88.25 -10.27 0.00	86.23 -9.91 0.91	93.53 -10.77 0.00	99.17 -10.72 0.00	82.92 -7.65 -0.12	40.90 -3.57 -8.02	51.93 -5.32 -7.15	104.42 -13.33 12.31	111.41 -14.23 0.00	91.81 -10.02 -0.31	64.34 -6.75 -0.02	49.72 -5.83 -0.15	37.58 -4.86 -0.28	43.91 -5.84 -1.06	35.94 -4.60 -5.35	66.14 -8.65 -10.40	128.58 -23.33 9.36	91.83 -23.06 39.62	49.87 -16.98 48.90	50.26 -19.72 62.06	28.34 -8.93 25.36	31.27 -7.34 29.45	29.72 -5.51 19.94
SYNERGY___BIOGAS 323694	89.35 -4.89 0.00	93.16 -5.36 0.00	91.11 -5.17 0.78	98.64 -5.66 0.00	104.60 -5.30 0.00	87.44 -3.14 -0.13	42.52 -1.34 -7.41	54.84 -2.25 -6.99	114.46 -5.15 10.45	119.21 -6.43 0.00	97.46 -4.35 -0.28	67.87 -3.23 -0.01	52.34 -3.20 -0.13	39.64 -2.77 -0.25	46.60 -3.06 -0.97	37.81 -2.29 -4.91	70.05 -4.08 -9.73	142.44 -11.18 7.65	113.83 -11.21 29.47	70.24 -8.39 37.11	73.17 -10.36 48.51	39.19 -4.65 18.79	40.33 -3.58 24.16	35.76 -2.77 16.62
SYRACUSE___ENERGY_ST1 323597	92.62 -1.62 0.00	96.70 -1.82 0.00	95.21 -1.85 0.00	102.31 -1.99 0.00	107.92 -1.97 0.00	89.56 -1.18 -0.29	41.92 -0.26 -5.73	58.13 -0.42 -8.45	129.81 -1.07 -0.83	124.44 -1.19 0.00	100.96 -0.77 -0.21	70.34 -0.74 -0.01	54.81 -0.69 -0.10	41.82 -0.52 -0.18	48.82 -0.57 -0.70	38.50 -0.26 -3.57	72.63 -0.42 -8.66	159.88 -1.38 0.00	153.12 -1.40 0.00	115.79 -1.03 -1.07	130.51 -1.53 0.00	65.49 -0.75 -3.62	68.28 -0.84 -1.06	56.28 -0.76 -1.88
SYRACUSE___ENERGY_ST2 323598	92.62 -1.62 0.00	96.70 -1.82 0.00	95.21 -1.85 0.00	102.31 -1.99 0.00	107.92 -1.97 0.00	89.56 -1.18 -0.29	41.92 -0.26 -5.73	58.13 -0.42 -8.45	129.81 -1.07 -0.83	124.44 -1.19 0.00	100.96 -0.77 -0.21	70.34 -0.74 -0.01	54.81 -0.69 -0.10	41.82 -0.52 -0.18	48.82 -0.57 -0.70	38.50 -0.26 -3.57	72.63 -0.42 -8.66	159.88 -1.38 0.00	153.12 -1.40 0.00	115.79 -1.03 -1.07	130.51 -1.53 0.00	65.49 -0.75 -3.62	68.28 -0.84 -1.06	56.28 -0.76 -1.88
SYRACUSE___POWER 24017	92.62 -1.62 0.00	96.66 -1.86 0.00	95.41 -1.90 -0.25	102.26 -2.04 0.00	107.88 -2.02 0.00	89.68 -1.16 -0.39	42.46 -0.25 -6.25	60.60 -0.40 -10.90	134.02 -0.97 -4.93	124.58 -1.05 0.00	101.07 -0.67 -0.22	70.39 -0.70 -0.01	54.86 -0.65 -0.10	41.84 -0.50 -0.19	48.87 -0.56 -0.73	38.66 -0.25 -3.72	73.76 -0.39 -9.75	162.83 -1.14 -2.71	162.79 -1.21 -9.48	128.06 -0.95 -13.27	144.95 -1.50 -14.40	72.90 -0.72 -11.00	76.80 -0.83 -9.57	63.29 -0.75 -8.88
TALLMAN___138KV_BK151 55660	99.12 4.89 0.00	102.99 4.47 0.00	101.29 4.23 0.00	108.80 4.50 0.00	113.94 4.05 0.00	97.68 4.50 -2.73	96.75 2.29 -58.01	146.60 3.32 -93.18	152.36 8.32 -13.98	133.93 8.29 0.00	110.67 7.19 -1.96	76.12 4.95 -0.10	60.33 4.00 -0.92	47.08 3.18 -1.75	59.05 3.70 -6.65	71.58 2.64 -33.75	150.86 4.60 -81.86	172.33 11.06 0.00	170.40 10.63 -5.25	153.81 8.03 -30.03	146.70 8.65 -6.01	117.76 4.27 -50.86	96.22 4.37 -23.79	95.03 3.21 -36.65
TEALLAVE_115KV_TB7 355573	92.01 -2.23 0.00	96.04 -2.48 0.00	94.56 -2.50 0.00	101.63 -2.68 0.00	107.21 -2.69 0.00	88.99 -1.71 -0.25	40.96 -0.48 -4.99	56.72 -0.72 -7.35	128.97 -1.80 -0.72	123.74 -1.89 0.00	100.43 -1.28 -0.18	69.99 -1.10 -0.01	54.51 -0.98 -0.08	41.57 -0.74 -0.16	48.45 -0.85 -0.61	37.83 -0.45 -3.11	71.08 -0.85 -7.53	158.90 -2.36 0.00	152.10 -2.41 0.00	114.85 -1.83 -0.93	129.56 -2.49 0.00	64.61 -1.17 -3.15	67.70 -1.29 -0.92	55.69 -1.11 -1.64
TELGRAPH_34_KV_EAST 80808	86.82 -7.42 0.00	90.57 -7.95 0.00	88.54 -7.68 0.84	95.92 -8.38 0.00	101.71 -8.18 0.00	85.01 -5.56 -0.12	41.62 -2.49 -7.66	53.31 -3.84 -7.06	109.41 -9.42 11.23	115.31 -10.33 0.00	94.73 -7.09 -0.30	66.23 -4.86 -0.02	51.18 -4.37 -0.14	38.70 -3.72 -0.26	45.31 -4.39 -1.01	36.88 -3.40 -5.10	68.06 -6.37 -10.03	135.77 -17.42 8.08	105.48 -17.23 31.81	62.40 -12.72 40.63	64.01 -15.15 52.88	34.68 -6.87 21.08	36.19 -5.60 26.28	32.89 -4.23 18.05
TEMPLE___115KV_TB 2 55572	92.05 -2.19 0.00	96.10 -2.42 0.00	94.59 -2.47 0.00	101.65 -2.65 0.00	107.24 -2.65 0.00	89.01 -1.69 -0.25	41.05 -0.46 -5.06	56.85 -0.70 -7.45	129.04 -1.75 -0.73	123.83 -1.81 0.00	100.50 -1.22 -0.18	70.03 -1.06 -0.01	54.54 -0.95 -0.09	41.61 -0.71 -0.16	48.50 -0.81 -0.62	37.90 -0.44 -3.15	71.24 -0.80 -7.64	158.95 -2.31 0.00	152.19 -2.33 0.00	114.89 -1.81 -0.95	129.61 -2.43 0.00	64.65 -1.16 -3.19	67.75 -1.25 -0.94	55.74 -1.08 -1.66
TIANA____69_KV_BK 1 55817	103.19 8.95 0.00	107.01 8.49 0.00	105.13 8.07 0.00	113.63 9.32 0.00	118.62 8.73 0.00	106.56 9.00 -7.11	100.83 3.91 -60.47	151.99 4.76 -97.13	156.94 10.95 -15.94	136.56 10.08 -0.85	113.55 9.59 -2.43	77.78 6.51 -0.20	61.33 4.97 -0.96	48.70 3.74 -2.80	60.49 4.43 -7.37	73.74 3.03 -35.53	156.13 6.35 -85.39	175.75 14.48 0.00	174.01 14.01 -5.48	158.52 11.46 -31.32	151.18 12.87 -6.27	143.32 6.79 -73.90	127.09 6.96 -52.07	98.34 4.94 -38.24
TILDEN___115KV_TB1 80814	92.62 -1.62 0.00	96.66 -1.86 0.00	95.41 -1.90 -0.25	102.26 -2.04 0.00	107.88 -2.02 0.00	89.68 -1.16 -0.39	42.46 -0.25 -6.25	60.60 -0.40 -10.90	134.02 -0.97 -4.93	124.58 -1.05 0.00	101.07 -0.67 -0.22	70.39 -0.70 -0.01	54.86 -0.65 -0.10	41.84 -0.50 -0.19	48.87 -0.56 -0.73	38.66 -0.25 -3.72	73.76 -0.39 -9.75	162.83 -1.14 -2.71	162.79 -1.21 -9.48	128.06 -0.95 -13.27	144.95 -1.50 -14.40	72.90 -0.72 -11.00	76.80 -0.83 -9.57	63.29 -0.75 -8.88

TRIGEN___CC 323695	101.09 6.85 0.00	104.88 6.36 0.00	103.07 6.01 0.00	110.90 6.60 0.00	115.99 6.09 0.00	104.07 6.51 -7.11	99.80 2.88 -60.47	151.27 4.04 -97.13	155.82 9.81 -15.95	136.24 9.75 -0.85	112.76 8.80 -2.43	77.51 6.23 -0.20	61.39 5.02 -0.96	48.97 3.93 -2.88	60.67 4.57 -7.40	73.96 3.22 -35.56	155.42 5.63 -85.40	174.54 13.27 0.00	172.58 12.58 -5.48	156.87 9.80 -31.32	149.10 10.79 -6.27	142.07 5.55 -73.90	125.85 5.72 -52.07	97.58 4.17 -38.24
TRINITY___115KV___4 BK 55933	97.53 3.29 0.00	101.68 3.17 0.00	100.18 3.12 0.00	107.63 3.33 0.00	113.11 3.21 0.00	97.11 3.18 -3.48	121.11 1.40 -83.25	195.27 1.86 -143.32	164.65 4.76 -29.83	130.38 4.75 0.00	108.22 4.19 -2.50	74.05 2.84 -0.13	58.90 2.32 -1.17	46.02 1.63 -2.23	58.99 1.81 -8.48	79.45 1.26 -43.00	170.84 2.14 -104.30	165.99 4.72 0.00	173.37 4.67 -14.18	185.92 3.62 -66.55	152.21 3.95 -16.22	153.24 2.08 -88.54	122.16 2.46 -51.63	139.97 2.22 -82.59
UNION___PROCESSING_DRP 323587	89.57 -4.66 0.00	93.42 -5.10 0.00	91.52 -4.94 0.59	98.96 -5.35 0.00	104.73 -5.17 0.00	87.21 -3.38 -0.15	41.46 -1.25 -6.26	53.35 -2.05 -5.30	116.67 -4.87 8.52	120.25 -5.38 0.00	98.30 -3.47 -0.25	68.66 -2.43 -0.01	53.23 -2.29 -0.12	40.36 -2.02 -0.22	47.18 -2.36 -0.85	37.79 -1.70 -4.30	69.94 -3.21 -8.75	146.02 -9.01 6.23	124.19 -9.15 21.18	82.46 -6.75 26.53	90.44 -8.42 33.19	46.46 -3.84 12.33	46.19 -3.37 18.49	38.59 -2.62 13.94
UPPER HUDSON___HYD 24058	101.78 7.54 0.00	106.13 7.61 0.00	104.71 7.65 0.00	112.51 8.20 0.00	118.37 8.47 0.00	101.97 7.93 -3.60	138.16 3.64 -98.07	234.91 5.10 -179.72	189.52 13.24 -46.22	137.30 11.67 0.00	113.30 9.19 -2.58	76.91 5.69 -0.13	60.98 4.36 -1.21	47.55 3.09 -2.31	61.42 3.96 -8.77	82.95 3.27 -44.49	178.87 6.56 -107.91	177.65 16.38 0.00	194.81 16.05 -24.24	232.97 12.17 -105.05	173.37 13.61 -27.73	190.99 6.41 -121.96	155.41 6.67 -80.68	191.70 5.21 -131.33
UPPER RAQUET___HYD 24056	94.38 0.15 0.00	99.07 0.55 0.00	97.73 0.67 0.00	105.29 0.99 0.00	111.34 1.44 0.00	89.69 -0.75 0.00	35.62 -0.83 0.00	49.02 -1.07 0.00	127.77 -2.29 0.00	124.12 -1.52 0.00	99.92 -1.61 0.00	70.09 -0.99 0.00	54.56 -0.84 0.00	41.42 -0.74 0.00	47.69 -1.01 0.00	34.14 -1.05 0.00	63.11 -1.29 0.00	159.12 -2.15 0.00	152.52 -2.00 0.00	114.09 -1.66 0.00	130.50 -1.54 0.00	61.80 -0.83 0.00	67.53 -0.54 0.00	55.17 0.01 0.00
VALLEY44_115KV_TB2 355964	88.41 -5.83 0.00	92.34 -6.18 0.00	89.59 -6.18 1.29	97.81 -6.49 0.00	103.45 -6.45 0.00	86.05 -4.48 -0.09	44.03 -2.08 -9.66	55.36 -2.84 -8.11	106.53 -6.56 16.96	119.19 -6.45 0.00	98.04 -3.87 -0.38	68.25 -2.84 -0.02	53.03 -2.56 -0.18	40.33 -2.16 -0.34	47.51 -2.47 -1.29	39.68 -2.04 -6.53	72.60 -3.94 -12.14	136.67 -11.58 13.01	94.88 -11.68 47.95	45.24 -8.83 61.68	41.35 -11.27 79.42	26.46 -4.83 31.34	23.88 -4.08 40.10	23.29 -3.08 28.79
VALLEY___115KV_TB 1-4 80826	95.63 1.40 0.00	99.97 1.45 0.00	98.40 1.34 0.00	105.82 1.52 0.00	110.92 1.02 0.00	91.94 1.50 0.00	37.85 1.40 0.00	52.00 1.91 0.00	134.83 4.77 0.00	128.60 2.96 0.00	103.59 2.07 0.00	72.10 1.02 0.00	56.14 0.73 0.00	42.62 0.46 0.00	49.71 1.01 0.00	36.11 0.92 0.00	67.42 3.03 0.00	170.27 9.00 0.00	163.69 9.17 0.00	122.59 6.85 0.00	139.11 7.07 0.00	65.76 3.14 0.00	71.13 3.07 0.00	57.41 2.24 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	99.53 5.29 0.00	103.89 5.38 0.00	102.22 5.16 0.00	109.91 5.61 0.00	115.62 5.73 0.00	97.04 5.37 -1.23	67.63 2.44 -28.74	102.79 3.40 -49.30	148.60 8.73 -9.81	134.23 8.60 0.00	109.82 7.41 -0.88	76.14 5.01 -0.05	59.61 3.79 -0.42	45.83 2.89 -0.79	55.17 3.48 -3.00	53.13 2.73 -15.21	106.43 5.13 -36.90	173.74 12.47 0.00	171.23 11.94 -4.77	147.26 8.90 -22.61	146.97 9.47 -5.45	97.64 4.47 -30.54	90.06 4.62 -17.38	85.85 3.60 -27.08
VISCHER___FERRY HYD 24020	99.09 4.85 0.00	103.23 4.72 0.00	101.78 4.72 0.00	109.32 5.01 0.00	114.91 5.02 0.00	98.81 4.83 -3.53	130.66 2.15 -92.06	218.64 2.96 -165.58	177.89 7.64 -40.19	132.71 7.08 0.00	110.10 6.04 -2.53	75.18 3.97 -0.13	59.69 3.09 -1.19	46.61 2.20 -2.26	60.06 2.78 -8.59	80.86 2.12 -43.55	173.96 3.93 -105.64	170.34 9.07 0.00	184.08 8.97 -20.59	213.67 6.97 -90.95	163.32 7.73 -23.55	175.87 3.82 -109.42	142.30 4.22 -70.02	171.90 3.28 -113.45
V_A_10_SYNC_DSASP 323832	86.47 -7.76 0.00	90.22 -8.30 0.00	88.27 -8.04 0.74	95.60 -8.70 0.00	101.26 -8.63 0.00	84.43 -6.15 -0.13	41.18 -2.55 -7.28	53.01 -4.07 -6.99	110.22 -9.89 9.94	115.37 -10.26 0.00	94.85 -6.96 -0.28	66.31 -4.78 -0.01	51.37 -4.17 -0.13	38.90 -3.51 -0.25	45.47 -4.17 -0.95	36.78 -3.22 -4.81	67.85 -6.08 -9.52	136.18 -16.98 8.11	103.31 -17.06 34.14	63.01 -12.57 40.16	66.21 -14.98 50.85	36.27 -6.73 19.62	38.68 -5.95 23.43	34.92 -4.56 15.69
V_CMM_10_SYNC_DSASP 323787	94.20 -0.04 0.00	98.90 0.37 0.00	97.53 0.47 0.00	104.98 0.68 0.00	110.94 1.05 0.00	90.08 -0.37 0.00	35.83 -0.62 0.00	49.26 -0.84 0.00	127.86 -2.20 0.00	123.40 -2.24 0.00	99.13 -2.40 0.00	69.69 -1.39 0.00	54.40 -1.01 0.00	41.36 -0.80 0.00	47.72 -0.97 0.00	34.41 -0.78 0.00	63.14 -1.26 0.00	158.63 -2.63 0.00	151.64 -2.88 0.00	113.50 -2.25 0.00	130.04 -2.00 0.00	61.51 -1.12 0.00	67.02 -1.04 0.00	54.66 -0.50 0.00
V_CMP_10_SYNC_DSASP 323788	93.32 -0.92 0.00	98.04 -0.48 0.00	96.99 -0.07 0.00	105.06 0.75 0.00	111.01 1.12 0.00	89.48 -0.97 0.00	35.53 -0.92 0.00	48.61 -1.49 0.00	127.10 -2.95 0.00	121.57 -4.06 0.00	98.07 -3.46 0.00	68.88 -2.19 0.00	53.96 -1.44 0.00	41.04 -1.11 0.00	47.85 -0.85 0.00	34.77 -0.42 0.00	64.28 -0.12 0.00	161.64 0.37 0.00	155.58 1.06 0.00	116.46 0.71 0.00	132.73 0.68 0.00	62.69 0.07 0.00	68.21 0.15 0.00	55.82 0.65 0.00
V_D_10_SYNC_DSASP 323841	94.69 0.46 0.00	99.40 0.88 0.00	98.04 0.98 0.00	105.55 1.25 0.00	111.54 1.65 0.00	90.48 0.03 0.00	35.98 -0.47 0.00	49.45 -0.65 0.00	128.59 -1.47 0.00	124.18 -1.46 0.00	99.74 -1.78 0.00	70.11 -0.97 0.00	54.69 -0.72 0.00	41.56 -0.59 0.00	47.95 -0.74 0.00	34.56 -0.63 0.00	63.50 -0.90 0.00	159.59 -1.68 0.00	152.87 -1.65 0.00	114.44 -1.31 0.00	131.13 -0.92 0.00	62.01 -0.61 0.00	67.60 -0.46 0.00	55.09 -0.07 0.00
V_E_10_SYNC_DSASP 323830	96.95 2.72 0.00	101.72 3.20 0.00	102.12 3.46 -1.59	106.83 2.53 0.00	112.51 2.62 0.00	94.73 2.86 -1.43	59.49 1.71 -21.32	97.93 2.20 -45.63	167.51 6.16 -31.29	131.46 5.83 0.00	106.93 4.77 -0.63	73.69 2.58 -0.03	56.64 0.94 -0.30	43.80 1.08 -0.56	53.19 2.35 -2.14	48.92 2.87 -10.87	102.26 6.94 -30.91	198.58 20.30 -17.01	238.91 19.40 -64.99	220.13 12.53 -91.85	239.62 10.99 -96.59	132.90 4.03 -66.24	135.73 3.90 -63.78	116.24 2.08 -58.99
V_F_30_NSYNC___DSASP 323816	100.39 6.15 0.00	104.67 6.15 0.00	103.16 6.10 0.00	110.85 6.55 0.00	116.62 6.73 0.00	100.33 6.30 -3.59	136.49 2.83 -97.21	231.73 3.92 -177.72	185.56 10.13 -45.38	134.63 9.00 0.00	111.32 7.22 -2.57	75.85 4.63 -0.13	60.19 3.58 -1.21	47.03 2.57 -2.30	60.69 3.25 -8.74	82.17 2.64 -44.35	177.13 5.17 -107.56	173.91 12.64 0.00	190.55 12.29 -23.73	228.17 9.35 -103.08	169.53 10.34 -27.14	187.78 4.97 -120.19	152.57 5.32 -79.19	188.12 4.12 -128.83

V_F_30_SYNC_DSASP 323786	97.84 3.61 0.00	102.00 3.49 0.00	100.48 3.42 0.00	107.97 3.67 0.00	113.45 3.56 0.00	97.47 3.51 -3.51	125.07 1.56 -87.06	204.91 2.09 -152.72	169.55 5.40 -34.09	130.95 5.31 0.00	108.64 4.60 -2.52	74.33 3.12 -0.13	59.15 2.57 -1.18	46.23 1.82 -2.25	59.29 2.05 -8.55	80.00 1.46 -43.36	172.10 2.54 -105.16	167.01 5.75 0.00	176.90 5.59 -16.80	196.59 4.28 -76.56	155.92 4.66 -19.21	162.19 2.36 -97.20	129.98 2.74 -59.18	152.87 2.44 -95.26
V_XM_10_SYNC_DSASP 323789	93.32 -0.92 0.00	98.04 -0.48 0.00	96.99 -0.07 0.00	105.06 0.75 0.00	111.01 1.12 0.00	89.48 -0.97 0.00	35.53 -0.92 0.00	48.61 -1.49 0.00	127.10 -2.95 0.00	121.57 -4.06 0.00	98.07 -3.46 0.00	68.88 -2.19 0.00	53.96 -1.44 0.00	41.04 -1.11 0.00	47.85 -0.85 0.00	34.77 -0.42 0.00	64.28 -0.12 0.00	161.64 0.37 0.00	155.58 1.06 0.00	116.46 0.71 0.00	132.73 0.68 0.00	62.69 0.07 0.00	68.21 0.15 0.00	55.82 0.65 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	99.44 5.20 0.00	103.29 4.78 0.00	101.59 4.54 0.00	109.14 4.84 0.00	114.29 4.40 0.00	98.01 4.82 -2.75	97.21 2.41 -58.35	147.32 3.49 -93.73	152.92 8.79 -14.07	134.37 8.73 0.00	111.06 7.56 -1.97	76.38 5.20 -0.10	60.53 4.20 -0.93	47.24 3.32 -1.76	59.26 3.88 -6.69	71.91 2.78 -33.95	151.60 4.86 -82.34	172.93 11.66 0.00	171.03 11.23 -5.29	154.41 8.46 -30.20	147.25 9.15 -6.05	118.29 4.50 -51.16	96.61 4.61 -23.93	95.46 3.43 -36.87
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	100.24 6.00 0.00	104.02 5.51 0.00	102.34 5.29 0.00	109.90 5.60 0.00	115.09 5.20 0.00	98.93 5.64 -2.85	99.64 2.71 -60.48	151.19 3.95 -97.15	156.50 10.07 -16.37	136.83 10.08 -1.12	112.76 8.68 -2.55	77.42 6.11 -0.23	61.32 4.95 -0.96	49.54 4.00 -3.39	60.89 4.59 -7.61	74.09 3.17 -35.74	155.30 5.45 -85.45	174.24 12.97 0.00	172.70 12.69 -5.48	156.58 9.51 -31.32	148.56 10.24 -6.27	120.68 5.02 -53.04	98.04 5.16 -24.82	97.26 3.86 -38.25
W50THST__13_KV_LOAD 356117	100.61 6.37 0.00	104.39 5.88 0.00	102.73 5.68 0.00	110.31 6.01 0.00	115.56 5.66 0.00	99.41 6.12 -2.85	99.87 2.94 -60.48	151.54 4.30 -97.15	158.51 11.02 -17.44	138.45 11.04 -1.78	113.86 9.48 -2.85	78.03 6.65 -0.30	61.78 5.41 -0.96	50.87 4.32 -4.39	61.64 4.93 -8.02	74.68 3.41 -36.08	155.77 5.83 -85.53	175.19 13.92 0.00	173.84 13.84 -5.48	157.39 10.32 -31.32	149.47 11.16 -6.27	121.08 5.41 -53.04	98.48 5.60 -24.82	97.61 4.20 -38.25
WADING RIVER_IC_1 23522	102.31 8.08 0.00	106.12 7.60 0.00	104.25 7.19 0.00	112.98 8.68 0.00	117.90 8.00 0.00	105.94 8.38 -7.11	100.56 3.63 -60.47	151.33 4.11 -97.13	155.34 9.34 -15.94	134.92 8.43 -0.85	112.40 8.45 -2.43	77.01 5.73 -0.20	60.64 4.27 -0.96	48.17 3.21 -2.80	59.87 3.80 -7.37	73.14 2.42 -35.53	155.30 5.51 -85.39	173.83 12.56 0.00	172.35 12.35 -5.48	157.23 10.16 -31.32	149.64 11.32 -6.27	142.58 6.05 -73.90	126.35 6.22 -52.07	97.81 4.41 -38.24
WADING RIVER_IC_2 23547	102.31 8.08 0.00	106.12 7.60 0.00	104.25 7.19 0.00	112.98 8.68 0.00	117.90 8.00 0.00	105.94 8.38 -7.11	100.56 3.63 -60.47	151.33 4.11 -97.13	155.34 9.34 -15.94	134.92 8.43 -0.85	112.40 8.45 -2.43	77.01 5.73 -0.20	60.64 4.27 -0.96	48.17 3.21 -2.80	59.87 3.80 -7.37	73.14 2.42 -35.53	155.30 5.51 -85.39	173.83 12.56 0.00	172.35 12.35 -5.48	157.23 10.16 -31.32	149.64 11.32 -6.27	142.58 6.05 -73.90	126.35 6.22 -52.07	97.81 4.41 -38.24
WADING RIVER_IC_3 23601	102.31 8.08 0.00	106.12 7.60 0.00	104.25 7.19 0.00	112.98 8.68 0.00	117.90 8.00 0.00	105.94 8.38 -7.11	100.56 3.63 -60.47	151.33 4.11 -97.13	155.34 9.34 -15.94	134.92 8.43 -0.85	112.40 8.45 -2.43	77.01 5.73 -0.20	60.64 4.27 -0.96	48.17 3.21 -2.80	59.87 3.80 -7.37	73.14 2.42 -35.53	155.30 5.51 -85.39	173.83 12.56 0.00	172.35 12.35 -5.48	157.23 10.16 -31.32	149.64 11.32 -6.27	142.58 6.05 -73.90	126.35 6.22 -52.07	97.81 4.41 -38.24
WALDENNY_12_KV_BK2 80841	86.65 -7.59 0.00	90.37 -8.15 0.00	88.05 -7.96 1.05	95.77 -8.53 0.00	101.48 -8.42 0.00	84.84 -5.71 -0.11	42.56 -2.46 -8.56	53.53 -3.82 -7.25	106.78 -9.20 14.07	116.21 -9.42 0.00	95.89 -5.97 -0.33	67.07 -4.02 -0.02	51.82 -3.75 -0.16	39.20 -3.25 -0.30	45.90 -3.93 -1.14	37.86 -3.08 -5.76	69.51 -5.85 -10.96	133.88 -16.23 11.15	88.31 -16.31 49.89	43.05 -12.21 60.49	42.01 -14.74 75.29	24.27 -6.68 31.68	27.92 -5.54 34.60	27.75 -4.19 23.22
WALDEN__HYDRO 24148	99.57 5.34 0.00	103.48 4.97 0.00	101.77 4.71 0.00	109.33 5.02 0.00	114.64 4.74 0.00	98.16 4.96 -2.76	97.52 2.42 -58.65	147.89 3.52 -94.27	153.15 8.88 -14.21	134.26 8.63 0.00	110.88 7.38 -1.98	76.14 4.96 -0.10	60.32 3.99 -0.93	47.04 3.11 -1.77	59.06 3.65 -6.72	71.94 2.68 -34.08	151.90 4.85 -82.65	173.05 11.78 0.00	171.28 11.40 -5.37	154.89 8.61 -30.54	147.50 9.32 -6.14	118.70 4.53 -51.54	96.90 4.66 -24.19	95.91 3.46 -37.29
WARRENSBURG____ 23737	101.78 7.54 0.00	106.13 7.61 0.00	104.71 7.65 0.00	112.51 8.20 0.00	118.37 8.47 0.00	101.97 7.93 -3.60	138.16 3.64 -98.07	234.91 5.10 -179.72	189.52 13.24 -46.22	137.30 11.67 0.00	113.30 9.19 -2.58	76.91 5.69 -0.13	60.98 4.36 -1.21	47.55 3.09 -2.31	61.42 3.96 -8.77	82.95 3.27 -44.49	178.87 6.56 -107.91	177.65 16.38 0.00	194.81 16.05 -24.24	232.97 12.17 -105.05	173.37 13.61 -27.73	190.99 6.41 -121.96	155.41 6.67 -80.68	191.70 5.21 -131.33
WATERSIDE____6 8 9 23538	100.46 6.23 0.00	104.28 5.76 0.00	102.59 5.53 0.00	110.11 5.81 0.00	115.29 5.39 0.00	98.91 5.61 -2.85	99.69 2.75 -60.49	151.25 3.98 -97.17	167.66 10.08 -27.52	143.80 10.08 -8.09	115.96 8.72 -5.72	78.19 6.13 -0.98	61.40 5.04 -0.96	-269.98 4.09 316.22	27.40 4.71 26.00	77.82 3.26 -39.37	156.24 5.51 -86.33	174.42 13.16 0.00	172.50 12.50 -5.49	156.45 9.38 -31.33	148.38 10.07 -6.28	120.63 4.95 -53.05	98.01 5.12 -24.83	97.29 3.88 -38.25
WATKINRD_115KV_LN8_ILLION 55919	95.70 1.47 0.00	99.93 1.42 0.00	98.42 1.36 0.00	105.76 1.46 0.00	111.10 1.20 0.00	92.05 1.61 0.00	38.59 2.13 0.00	53.70 3.60 0.00	139.15 9.10 0.00	131.77 6.13 0.00	105.63 4.11 0.00	73.26 2.18 0.00	56.98 1.58 0.00	43.20 1.04 0.00	50.52 1.83 0.00	36.91 1.72 0.00	69.47 5.07 0.00	175.86 14.59 0.00	169.14 14.62 0.00	126.63 10.88 0.00	143.43 11.38 0.00	67.92 5.29 0.00	73.49 5.43 0.00	59.23 4.07 0.00
WATSON__69_KV_BK 1 55734	103.01 8.78 0.00	106.84 8.32 0.00	104.97 7.90 0.00	112.95 8.65 0.00	117.94 8.04 0.00	105.92 8.36 -7.11	100.49 3.57 -60.47	151.99 4.76 -97.13	157.32 11.33 -15.94	137.76 11.27 -0.85	114.29 10.33 -2.43	78.52 7.24 -0.20	62.08 5.72 -0.96	49.25 4.28 -2.81	61.07 5.00 -7.37	74.32 3.60 -35.53	156.59 6.80 -85.39	176.77 15.50 0.00	174.66 14.66 -5.48	158.80 11.73 -31.32	151.43 13.12 -6.27	143.49 6.96 -73.90	127.41 7.28 -52.07	98.72 5.32 -38.24
WDELAWARE__HYD 323627	97.68 3.44 0.00	101.52 3.00 0.00	99.83 2.77 0.00	107.27 2.97 0.00	112.59 2.70 0.00	96.27 3.23 -2.60	93.73 1.81 -55.47	143.25 3.74 -89.42	153.06 9.31 -13.69	134.35 8.72 0.00	110.62 7.23 -1.86	75.77 4.60 -0.10	60.00 3.72 -0.87	46.30 2.48 -1.67	57.36 2.34 -6.33	69.07 1.80 -32.09	145.78 3.55 -77.84	170.23 8.96 0.00	168.55 8.79 -5.25	151.87 6.63 -29.50	145.03 6.98 -6.00	115.15 3.37 -49.15	94.72 3.33 -23.33	93.56 2.35 -36.04

WEST BABYLON___IC 23714	102.62 8.38 0.00	106.46 7.94 0.00	104.58 7.52 0.00	112.47 8.17 0.00	117.50 7.60 0.00	105.55 7.99 -7.11	100.35 3.43 -60.47	151.88 4.66 -97.13	157.07 11.07 -15.94	137.46 10.98 -0.85	113.93 9.98 -2.43	78.34 7.06 -0.20	61.94 5.57 -0.96	49.15 4.16 -2.83	60.93 4.85 -7.38	74.21 3.49 -35.54	156.21 6.42 -85.39	176.04 14.77 0.00	173.99 13.99 -5.48	158.19 11.13 -31.32	150.72 12.40 -6.27	143.14 6.62 -73.90	127.11 6.98 -52.07	98.49 5.08 -38.24
WEST CANADA___HYD 24049	94.66 0.43 0.00	98.86 0.34 0.00	97.37 0.31 0.00	104.67 0.36 0.00	110.26 0.37 0.00	91.02 0.58 0.00	36.77 0.31 0.00	50.50 0.41 0.00	131.17 1.12 0.00	126.63 1.00 0.00	102.54 1.01 0.00	71.70 0.62 0.00	55.85 0.44 0.00	42.50 0.34 0.00	49.12 0.43 0.00	35.51 0.32 0.00	65.03 0.63 0.00	162.76 1.50 0.00	156.00 1.48 0.00	116.90 1.15 0.00	133.11 1.06 0.00	63.19 0.56 0.00	68.62 0.56 0.00	55.54 0.38 0.00
WESTERN_NY_WIND 24143	89.16 -5.08 0.00	92.97 -5.55 0.00	90.90 -5.36 0.80	98.43 -5.88 0.00	104.38 -5.52 0.00	87.26 -3.32 -0.13	42.51 -1.43 -7.49	54.78 -2.33 -7.01	113.89 -5.47 10.69	118.93 -6.71 0.00	97.26 -4.56 -0.29	67.73 -3.37 -0.02	52.25 -3.30 -0.14	39.56 -2.85 -0.26	46.51 -3.17 -0.98	37.79 -2.36 -4.97	69.93 -4.29 -9.82	141.82 -11.67 7.78	112.65 -11.66 30.21	68.84 -8.69 38.22	71.42 -10.74 49.88	38.27 -4.85 19.51	39.50 -3.74 24.82	35.27 -2.82 17.07
WESTOVER___LESR 323668	93.04 -1.19 0.00	97.14 -1.38 0.00	94.93 -1.60 0.53	102.61 -1.69 0.00	108.09 -1.80 0.00	90.25 -0.93 -0.73	55.23 -0.26 -19.03	77.10 -0.43 -27.44	125.44 -0.99 3.62	125.17 -0.47 0.00	102.37 0.18 -0.65	70.95 -0.16 -0.03	55.37 -0.34 -0.31	42.45 -0.29 -0.58	50.76 -0.14 -2.22	46.37 -0.05 -11.24	90.12 -0.03 -25.75	155.16 -0.46 5.65	138.04 -0.77 15.70	100.68 -0.75 14.31	103.30 -1.46 27.29	64.73 -0.63 -2.73	58.50 -0.58 8.98	53.52 -0.64 1.00
WETHRSFD_WT_PWR 323626	85.23 -9.00 0.00	88.69 -9.83 0.00	85.49 -10.15 1.42	93.38 -10.93 0.00	99.09 -10.81 0.00	82.88 -7.60 -0.04	42.74 -3.10 -9.38	51.21 -4.73 -5.84	97.91 -11.41 20.74	115.28 -10.36 0.00	95.28 -6.62 -0.38	66.39 -4.70 -0.02	51.15 -4.43 -0.18	38.75 -3.75 -0.34	45.52 -4.46 -1.28	38.51 -3.18 -6.50	70.59 -5.52 -11.71	131.15 -14.88 15.23	44.19 -15.26 95.07	-13.28 -12.20 116.83	-21.16 -14.62 138.58	-11.56 -6.78 67.41	6.27 -6.47 55.32	16.43 -5.17 33.56
WHAVSTOR_138KV_BK127 55557	98.99 4.75 0.00	102.86 4.34 0.00	101.12 4.07 0.00	108.65 4.34 0.00	113.79 3.90 0.00	97.55 4.36 -2.75	97.08 2.22 -58.41	147.13 3.21 -93.82	152.20 8.06 -14.08	133.67 8.03 0.00	110.48 6.98 -1.97	75.98 4.80 -0.10	60.23 3.90 -0.93	47.02 3.10 -1.76	59.00 3.61 -6.70	71.74 2.57 -33.98	151.30 4.48 -82.42	171.97 10.71 0.00	170.11 10.30 -5.29	153.76 7.77 -30.24	146.48 8.38 -6.05	117.98 4.14 -51.21	96.28 4.26 -23.96	95.22 3.14 -36.91
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	98.99 4.75 0.00	102.86 4.34 0.00	101.12 4.07 0.00	108.65 4.34 0.00	113.79 3.90 0.00	97.55 4.36 -2.75	97.08 2.22 -58.41	147.13 3.21 -93.82	152.20 8.06 -14.08	133.67 8.03 0.00	110.48 6.98 -1.97	75.98 4.80 -0.10	60.23 3.90 -0.93	47.02 3.10 -1.76	59.00 3.61 -6.70	71.74 2.57 -33.98	151.30 4.48 -82.42	171.97 10.71 0.00	170.11 10.30 -5.29	153.76 7.77 -30.24	146.48 8.38 -6.05	117.98 4.14 -51.21	96.28 4.26 -23.96	95.22 3.14 -36.91
WHITEHAL_115KV_TB1 80871	102.86 8.62 0.00	107.33 8.81 0.00	106.40 9.34 0.00	114.32 10.01 0.00	120.04 10.15 0.00	103.82 9.78 -3.60	138.76 4.72 -97.59	235.47 6.77 -178.60	193.53 17.73 -45.75	140.93 15.29 0.00	116.48 12.38 -2.58	78.74 7.53 -0.13	62.15 5.54 -1.21	48.02 3.56 -2.31	62.33 4.88 -8.75	83.77 4.17 -44.42	180.11 8.00 -107.72	181.56 20.29 0.00	199.04 20.57 -23.96	235.94 16.24 -103.95	177.96 18.51 -27.40	192.05 8.45 -120.97	156.82 8.92 -79.85	191.73 6.63 -129.93
WHITEPLN_13_KV_LOAD 356215	100.85 6.62 0.00	104.71 6.19 0.00	102.93 5.88 0.00	110.62 6.32 0.00	115.87 5.97 0.00	99.46 6.18 -2.84	99.74 2.97 -60.32	151.26 4.27 -96.90	156.47 10.83 -15.58	136.99 10.71 -0.65	113.03 9.17 -2.33	77.70 6.45 -0.18	61.49 5.13 -0.96	48.96 4.07 -2.73	60.75 4.73 -7.32	73.99 3.37 -35.44	155.56 5.93 -85.23	175.63 14.36 0.00	173.76 13.77 -5.47	157.34 10.34 -31.26	149.51 11.21 -6.26	121.00 5.45 -52.93	98.43 5.59 -24.77	97.51 4.17 -38.17
WM_FLOYD_69_KV_BK2 356380	102.51 8.27 0.00	106.30 7.79 0.00	104.44 7.38 0.00	112.74 8.44 0.00	117.63 7.74 0.00	105.68 8.12 -7.11	100.45 3.53 -60.47	151.59 4.36 -97.13	155.99 9.99 -15.94	135.92 9.44 -0.85	112.99 9.04 -2.43	77.50 6.23 -0.20	61.13 4.77 -0.96	48.53 3.57 -2.80	60.32 4.25 -7.37	73.67 2.95 -35.53	155.81 6.02 -85.39	175.14 13.87 0.00	173.32 13.32 -5.48	157.79 10.72 -31.32	150.26 11.94 -6.27	142.89 6.36 -73.90	126.66 6.53 -52.07	98.10 4.70 -38.24
WOODARD___115KV_TB2 355635	91.93 -2.31 0.00	96.00 -2.52 0.00	94.52 -2.54 0.00	101.57 -2.73 0.00	107.15 -2.74 0.00	88.88 -1.82 -0.26	41.01 -0.53 -5.09	56.81 -0.79 -7.50	128.79 -2.00 -0.73	123.56 -2.08 0.00	100.24 -1.48 -0.18	69.87 -1.22 -0.01	54.43 -1.06 -0.09	41.54 -0.78 -0.16	48.40 -0.91 -0.62	37.85 -0.50 -3.17	71.15 -0.94 -7.69	158.70 -2.56 0.00	151.92 -2.60 0.00	114.75 -1.95 -0.95	129.47 -2.58 0.00	64.61 -1.23 -3.21	67.65 -1.36 -0.94	55.67 -1.17 -1.67
YORK___WARBASSE 23770	101.70 6.45 -1.01	104.47 5.95 0.00	102.76 5.71 0.00	110.30 6.00 0.00	115.45 5.56 0.00	114.36 5.74 -18.17	378.57 2.81 -339.30	241.96 3.99 -187.88	656.53 10.06 -516.42	678.17 10.04 -542.49	127.81 8.69 -17.60	127.43 6.13 -50.22	147.08 5.06 -86.61	1686.39 4.16 -1640.08	265.61 4.81 -212.11	83.01 3.32 -44.50	156.80 5.66 -86.74	174.80 13.54 0.00	172.91 12.91 -5.49	157.16 9.70 -31.72	148.76 10.45 -6.28	120.81 5.13 -53.05	98.16 5.27 -24.83	97.40 3.99 -38.25