

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

01/11/2025

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	102.86	113.30	114.56	84.42	96.69	85.15	89.30	92.61	127.14	134.50	153.62	226.19	126.61	56.70	54.57	52.42	63.50	99.98	119.91	98.76	78.12	80.10	92.73	89.32
24138	7.10	7.32	6.64	4.85	5.84	5.64	6.25	6.80	9.65	10.43	11.37	16.18	9.43	4.51	4.16	4.05	5.28	8.65	10.47	8.75	6.84	6.67	7.12	6.40
	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
74TH STREET_GT_1	102.85	113.42	114.70	84.55	96.87	85.28	89.44	92.88	127.53	134.90	154.02	226.79	126.96	56.85	54.72	52.56	63.70	100.25	120.24	99.03	78.33	80.30	92.99	89.58
24260	7.09	7.45	6.78	4.97	6.02	5.76	6.39	7.06	10.04	10.83	11.78	16.77	9.78	4.66	4.32	4.19	5.48	8.92	10.81	9.02	7.04	6.88	7.37	6.66
	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
74TH STREET_GT_2	102.85	113.42	114.70	84.55	96.87	85.28	89.44	92.88	127.53	134.90	154.02	226.79	126.96	56.85	54.72	52.56	63.70	100.25	120.24	99.03	78.33	80.30	92.99	89.58
24261	7.09	7.45	6.78	4.97	6.02	5.76	6.39	7.06	10.04	10.83	11.78	16.77	9.78	4.66	4.32	4.19	5.48	8.92	10.81	9.02	7.04	6.88	7.37	6.66
	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
ADK HUDSON___FALLS	102.62	113.41	115.02	84.65	96.97	85.20	89.30	92.92	127.63	135.04	154.72	227.44	127.12	56.66	54.71	52.47	63.37	99.59	119.12	97.71	77.24	79.32	91.93	88.68
24011	6.87	7.43	7.10	5.07	6.12	5.68	6.25	7.10	10.14	10.97	12.47	17.42	9.93	4.47	4.31	4.11	5.14	8.26	9.69	7.70	5.96	5.90	6.31	5.76
	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
ADK RESOURCE___RCVRY	103.12	113.94	115.45	84.99	97.48	85.65	89.85	93.71	128.68	136.20	156.22	229.53	128.25	57.15	55.20	52.95	63.94	100.48	120.10	98.48	77.78	79.87	92.50	89.12
23798	7.36	7.97	7.53	5.42	6.63	6.13	6.80	7.90	11.19	12.13	13.97	19.50	11.06	4.96	4.79	4.58	5.72	9.15	10.66	8.47	6.50	6.44	6.89	6.20
	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
ADK S GLENS___FALLS	102.62	113.41	115.02	84.65	96.97	85.20	89.30	92.92	127.63	135.04	154.72	227.44	127.12	56.66	54.71	52.47	63.37	99.59	119.12	97.71	77.24	79.32	91.93	88.68
24028	6.87	7.43	7.10	5.07	6.12	5.68	6.25	7.10	10.14	10.97	12.47	17.42	9.93	4.47	4.31	4.11	5.14	8.26	9.69	7.70	5.96	5.90	6.31	5.76
	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
ADK_NYS___DAM	101.93	112.97	114.65	84.27	96.43	84.66	88.65	91.61	125.64	132.77	152.27	223.27	125.21	55.91	53.93	51.72	62.36	98.01	117.60	96.52	76.45	78.66	91.26	88.19
23527	6.17	7.00	6.73	4.69	5.58	5.14	5.60	5.79	8.15	8.69	10.02	13.25	8.02	3.72	3.52	3.36	4.14	6.69	8.17	6.52	5.17	5.23	5.64	5.26
	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
AIR_PRODUCTS___DRP	99.40	109.92	111.63	82.14	93.93	82.34	86.06	89.05	122.11	129.04	147.68	217.22	121.60	54.21	52.08	49.58	59.72	93.44	111.89	92.01	73.15	75.58	88.21	85.85
24190	3.64	3.95	3.71	2.56	3.08	2.82	3.01	3.24	4.62	4.97	5.43	7.21	4.42	2.02	1.67	1.21	1.50	2.11	2.45	2.01	1.87	2.15	2.59	2.92
	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
AKWESSNE_115KV_BK	94.91	105.25	107.80	79.99	91.09	79.37	82.65	85.06	115.90	122.23	140.48	208.10	115.85	51.46	49.80	47.79	57.40	89.83	107.40	88.51	70.40	72.89	85.48	82.90
355683	-0.85	-0.72	-0.12	0.41	0.24	-0.15	-0.40	-0.76	-1.58	-1.84	-1.77	-1.92	-1.34	-0.74	-0.61	-0.57	-0.83	-1.49	-2.04	-1.49	-0.88	-0.54	-0.14	-0.02
	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	100.63	111.24	113.09	83.17	95.05	83.28	86.99	90.02	123.46	130.40	149.18	219.47	122.80	54.78	52.76	50.43	60.77	95.24	114.05	93.72	74.35	76.72	89.29	86.78
323833	4.87	5.27	5.17	3.59	4.20	3.76	3.94	4.21	5.97	6.33	6.94	9.44	5.61	2.58	2.35	2.07	2.55	3.91	4.61	3.72	3.07	3.29	3.68	3.86
	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_2_SOLAR	100.56	111.22	113.03	83.13	95.04	83.25	86.96	89.98	123.40	130.32	149.14	219.36	122.75	54.75	52.76	50.42	60.75	95.20	114.01	93.69	74.34	76.69	89.25	86.75
323834	4.81	5.25	5.11	3.55	4.19	3.74	3.91	4.17	5.91	6.25	6.89	9.34	5.56	2.56	2.35	2.05	2.53	3.87	4.58	3.68	3.06	3.27	3.63	3.82
	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	99.40	109.92	111.63	82.14	93.93	82.34	86.06	89.05	122.11	129.04	147.68	217.22	121.60	54.21	52.08	49.58	59.72	93.44	111.89	92.01	73.15	75.58	88.21	85.85
23571	3.64	3.95	3.71	2.56	3.08	2.82	3.01	3.24	4.62	4.97	5.43	7.21	4.42	2.02	1.67	1.21	1.50	2.11	2.45	2.01	1.87	2.15	2.59	2.92
	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___2 23572	99.40 3.64 0.00	109.92 3.95 0.00	111.63 3.71 0.00	82.14 2.56 0.00	93.93 3.08 0.00	82.34 2.82 0.00	86.06 3.01 0.00	89.05 3.24 0.00	122.11 4.62 0.00	129.04 4.97 0.00	147.68 5.43 0.00	217.22 7.21 0.00	121.60 4.42 0.00	54.21 2.02 0.00	52.08 1.67 0.00	49.58 1.21 0.00	59.72 1.50 0.00	93.44 2.11 0.00	111.89 2.45 0.00	92.01 2.01 0.00	73.15 1.87 0.00	75.58 2.15 0.00	88.21 2.59 0.00	85.85 2.92 0.00
ALBANY___3 23573	99.40 3.64 0.00	109.92 3.95 0.00	111.63 3.71 0.00	82.14 2.56 0.00	93.93 3.08 0.00	82.34 2.82 0.00	86.06 3.01 0.00	89.05 3.24 0.00	122.11 4.62 0.00	129.04 4.97 0.00	147.68 5.43 0.00	217.22 7.21 0.00	121.60 4.42 0.00	54.21 2.02 0.00	52.08 1.67 0.00	49.58 1.21 0.00	59.72 1.50 0.00	93.44 2.11 0.00	111.89 2.45 0.00	92.01 2.01 0.00	73.15 1.87 0.00	75.58 2.15 0.00	88.21 2.59 0.00	85.85 2.92 0.00
ALBANY___4 23574	99.40 3.64 0.00	109.92 3.95 0.00	111.63 3.71 0.00	82.14 2.56 0.00	93.93 3.08 0.00	82.34 2.82 0.00	86.06 3.01 0.00	89.05 3.24 0.00	122.11 4.62 0.00	129.04 4.97 0.00	147.68 5.43 0.00	217.22 7.21 0.00	121.60 4.42 0.00	54.21 2.02 0.00	52.08 1.67 0.00	49.58 1.21 0.00	59.72 1.50 0.00	93.44 2.11 0.00	111.89 2.45 0.00	92.01 2.01 0.00	73.15 1.87 0.00	75.58 2.15 0.00	88.21 2.59 0.00	85.85 2.92 0.00
ALBANY___LFGE 323615	100.08 4.32 0.00	110.63 4.66 0.00	112.37 4.45 0.00	82.66 3.09 0.00	94.56 3.71 0.00	82.89 3.37 0.00	86.68 3.63 0.00	89.69 3.88 0.00	123.03 5.54 0.00	130.03 5.96 0.00	148.86 6.62 0.00	218.93 8.92 0.00	122.56 5.37 0.00	54.64 2.44 0.00	52.57 2.16 0.00	50.11 1.75 0.00	60.38 2.16 0.00	94.55 3.22 0.00	113.25 3.81 0.00	93.13 3.13 0.00	73.98 2.70 0.00	76.34 2.91 0.00	88.96 3.35 0.00	86.46 3.54 0.00
ALCOA_PA_115KV_PL-6C 55860	95.72 -0.03 0.00	106.16 0.19 0.00	108.80 0.88 0.00	80.41 0.83 0.00	91.52 0.67 0.00	79.66 0.15 0.00	82.88 -0.17 0.00	85.17 -0.65 0.00	116.50 -0.98 0.00	122.90 -1.17 0.00	141.20 -1.05 0.00	209.04 -0.98 0.00	116.36 -0.82 0.00	51.70 -0.49 0.00	50.01 -0.39 0.00	48.03 -0.34 0.00	57.71 -0.51 0.00	90.35 -0.97 0.00	107.99 -1.44 0.00	89.04 -0.96 0.00	70.57 -0.71 0.00	73.08 -0.34 0.00	85.78 0.16 0.00	83.23 0.31 0.00
ALCOA_RYNLDS___DRP 24188	95.72 -0.03 0.00	106.16 0.19 0.00	108.80 0.88 0.00	80.41 0.83 0.00	91.52 0.67 0.00	79.66 0.15 0.00	82.88 -0.17 0.00	85.17 -0.65 0.00	116.50 -0.98 0.00	122.90 -1.17 0.00	141.20 -1.05 0.00	209.04 -0.98 0.00	116.36 -0.82 0.00	51.70 -0.49 0.00	50.01 -0.39 0.00	48.03 -0.34 0.00	57.71 -0.51 0.00	90.35 -0.97 0.00	107.99 -1.44 0.00	89.04 -0.96 0.00	70.57 -0.71 0.00	73.08 -0.34 0.00	85.78 0.16 0.00	83.23 0.31 0.00
ALCOA___DSASP 323711	95.72 -0.03 0.00	106.16 0.19 0.00	108.80 0.88 0.00	80.41 0.83 0.00	91.52 0.67 0.00	79.66 0.15 0.00	82.88 -0.17 0.00	85.17 -0.65 0.00	116.50 -0.99 0.00	122.90 -1.17 0.00	141.19 -1.05 0.00	209.04 -0.98 0.00	116.37 -0.82 0.00	51.70 -0.49 0.00	50.02 -0.39 0.00	48.03 -0.34 0.00	57.71 -0.51 0.00	90.35 -0.98 0.00	107.98 -1.45 0.00	89.04 -0.96 0.00	70.57 -0.71 0.00	73.09 -0.34 0.00	85.78 0.16 0.00	83.23 0.31 0.00
ALLEGHENY___COGEN 23514	97.33 1.57 0.00	107.39 1.42 0.00	109.77 1.85 0.00	81.01 1.43 0.00	92.30 1.45 0.00	80.65 1.14 0.00	83.96 0.91 0.00	86.28 0.47 0.00	117.45 -0.04 0.00	123.80 -0.27 0.00	142.05 -0.20 0.00	207.59 -2.43 0.00	114.29 -2.90 0.00	50.76 -1.43 0.00	49.26 -1.15 0.00	47.73 -0.64 0.00	57.63 -0.59 0.00	100.20 -0.73 -9.60	154.61 -0.83 -46.00	89.15 -1.52 -0.67	70.00 -1.28 0.00	72.08 -1.34 0.00	84.09 -1.52 0.00	81.81 -1.11 0.00
ALTAMONT_115KV_TB 2 55880	99.24 3.48 0.00	109.72 3.74 0.00	111.47 3.55 0.00	82.06 2.48 0.00	93.84 2.99 0.00	82.26 2.75 0.00	86.01 2.96 0.00	88.99 3.18 0.00	122.06 4.58 0.00	128.95 4.88 0.00	147.64 5.39 0.00	217.24 7.23 0.00	121.54 4.35 0.00	54.21 2.01 0.00	52.23 1.82 0.00	49.99 1.62 0.00	60.25 2.02 0.00	94.48 3.15 0.00	113.27 3.83 0.00	93.13 3.13 0.00	73.81 2.53 0.00	76.01 2.59 0.00	88.46 2.85 0.00	85.73 2.81 0.00
ALTONA_WT_PWR 323606	97.06 1.31 0.00	107.79 1.82 0.00	110.16 2.24 0.00	81.33 1.76 0.00	92.51 1.66 0.00	80.60 1.09 0.00	83.80 0.75 0.00	86.32 0.51 0.00	118.17 0.69 0.00	124.82 0.75 0.00	143.55 1.30 0.00	211.62 1.60 0.00	117.94 0.76 0.00	52.41 0.22 0.00	50.58 0.17 0.00	48.47 0.11 0.00	58.32 0.10 0.00	91.09 -0.23 0.00	108.11 -1.33 0.00	89.06 -0.95 0.00	70.29 -1.00 0.00	72.48 -0.95 0.00	85.12 -0.50 0.00	82.34 -0.58 0.00
AMERICAN_REF_FUEL 24010	85.52 -8.34 1.89	96.47 -9.50 0.00	89.32 -9.45 9.15	72.23 -6.46 0.88	83.16 -7.69 0.00	71.92 -7.59 0.00	74.31 -8.74 0.00	73.12 -10.39 2.30	101.80 -15.68 0.00	107.44 -16.63 0.00	124.00 -18.25 0.00	182.01 -28.01 0.00	100.65 -16.54 0.00	44.76 -7.44 0.00	43.26 -7.15 0.00	41.79 -6.58 0.00	50.21 -8.01 0.00	77.07 -12.12 2.13	85.28 -13.98 10.17	76.86 -13.00 0.15	60.74 -10.55 0.00	63.07 -10.36 0.00	74.37 -11.24 0.00	73.02 -9.90 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	90.15 -3.34 2.26	101.92 -4.05 0.00	94.08 -2.92 10.92	76.44 -2.09 1.05	87.79 -3.06 0.00	75.99 -3.53 0.00	78.81 -4.24 0.00	77.98 -5.09 2.75	109.09 -8.40 0.00	115.09 -8.99 0.00	133.16 -9.09 0.00	194.92 -15.10 0.00	107.68 -9.50 0.00	47.58 -4.61 0.00	45.84 -4.57 0.00	44.41 -3.96 0.00	53.42 -4.80 0.00	81.92 -7.21 2.20	90.26 -8.63 10.54	81.98 -7.87 0.15	65.13 -6.15 0.00	67.23 -6.20 0.00	78.68 -6.94 0.00	77.12 -5.80 0.00
ARTHUR KILL_GT_1 23520	102.92 7.16 0.00	113.66 7.69 0.00	114.93 7.01 0.00	85.01 5.43 -0.01	97.50 6.64 -0.01	85.78 6.26 -0.01	89.15 6.09 0.00	100.53 6.83 -7.88	132.81 9.72 -5.60	143.38 10.28 -9.03	153.13 10.88 0.00	225.23 15.20 0.00	126.10 8.90 -0.01	71.32 4.56 -14.58	70.97 4.16 -16.40	71.06 4.05 -18.65	75.09 5.40 -11.47	131.62 8.83 -31.46	172.84 10.72 -52.69	162.41 8.98 -63.42	123.45 6.99 -45.17	105.46 6.81 -25.22	99.68 7.16 -6.90	89.51 6.34 -0.25
ARTHUR_KILL_2 23512	102.63 6.87 0.00	113.32 7.35 0.00	114.59 6.67 0.00	84.77 5.19 -0.01	97.18 6.32 -0.01	85.52 5.99 -0.01	88.88 5.82 0.00	100.26 6.56 -7.88	132.41 9.32 -5.60	142.97 9.87 -9.03	152.68 10.43 0.00	224.57 14.55 0.00	125.75 8.55 -0.01	71.16 4.39 -14.58	70.83 4.02 -16.40	70.90 3.89 -18.65	74.89 5.19 -11.47	131.26 8.47 -31.46	172.46 10.33 -52.69	162.08 8.65 -63.42	123.21 6.75 -45.17	105.18 6.53 -25.22	99.39 6.86 -6.90	89.25 6.08 -0.25
ARTHUR_KILL_3 23513	101.57 5.81 0.00	112.02 6.05 0.00	113.27 5.35 0.00	83.48 3.90 0.00	95.60 4.75 0.00	84.21 4.69 0.00	88.43 5.38 0.00	100.13 6.02 -8.29	131.95 8.57 -5.89	142.83 9.25 -9.51	152.23 9.98 0.00	224.12 14.10 0.00	125.51 8.31 -0.01	71.52 3.99 -15.34	71.34 3.67 -17.26	71.54 3.55 -19.62	74.99 4.69 -12.08	132.18 7.74 -33.11	140.22 9.40 -21.38	125.77 7.89 -27.87	111.69 6.13 -34.28	105.91 5.95 -26.54	99.25 6.37 -7.27	88.87 5.69 -0.26

ARTHUR_KILL_COGEN 323718	102.92 7.16 0.00	113.66 7.69 0.00	114.93 7.01 0.00	85.01 5.43 -0.01	97.50 6.64 -0.01	85.78 6.26 -0.01	89.15 6.09 0.00	100.53 6.83 -7.88	132.81 9.72 -5.60	143.38 10.28 -9.03	153.13 10.88 0.00	225.23 15.20 0.00	126.10 8.90 -0.01	71.32 4.56 -14.58	70.97 4.16 -16.40	71.06 4.05 -18.65	75.09 5.40 -11.47	131.62 8.83 -31.46	172.84 10.72 -52.69	162.41 8.98 -63.42	123.45 6.99 -45.17	105.46 6.81 -25.22	99.68 7.16 -6.90	89.51 6.34 -0.25
ASHOKAN____ 23654	105.41 9.66 0.00	116.32 10.35 0.00	117.84 9.92 0.00	86.79 7.22 0.00	99.32 8.47 0.00	87.03 7.52 0.00	91.24 8.19 0.00	95.05 9.24 0.00	130.89 13.40 0.00	138.61 14.54 0.00	158.75 16.50 0.00	233.44 23.42 0.00	130.32 13.14 0.00	58.21 6.02 0.00	56.06 5.65 0.00	53.72 5.35 0.00	65.10 6.88 0.00	102.52 11.20 0.00	123.01 13.58 0.00	100.93 10.93 0.00	79.77 8.49 0.00	81.79 8.37 0.00	94.77 9.16 0.00	91.57 8.65 0.00
ASTORIA_EAST_ENERGY_CC1 323581	102.05 6.29 0.00	112.55 6.58 0.00	113.84 5.92 0.00	83.94 4.35 -0.01	96.13 5.27 -0.01	84.64 5.12 -0.01	88.70 5.65 0.00	92.10 6.28 0.00	126.48 9.00 0.00	133.69 9.61 0.00	152.51 10.27 0.00	224.90 14.34 -0.54	125.57 8.39 0.00	56.32 4.13 0.00	54.11 3.70 0.00	51.98 3.62 0.00	63.01 4.79 0.00	99.20 7.87 0.00	119.02 9.58 0.00	98.05 8.05 0.00	77.58 6.29 0.00	79.57 6.14 -0.01	92.22 6.60 0.00	88.92 5.99 0.00
ASTORIA_EAST_ENERGY_CC2 323582	102.05 6.29 0.00	112.55 6.58 0.00	113.84 5.92 0.00	83.94 4.35 -0.01	96.13 5.27 -0.01	84.64 5.12 -0.01	88.70 5.65 0.00	92.10 6.28 0.00	126.48 9.00 0.00	133.69 9.61 0.00	152.51 10.27 0.00	224.90 14.34 -0.54	125.57 8.39 0.00	56.33 4.14 0.00	54.11 3.70 0.00	51.98 3.62 0.00	63.01 4.79 0.00	99.20 7.87 0.00	119.02 9.58 0.00	98.05 8.05 0.00	77.58 6.29 0.00	79.57 6.14 -0.01	92.22 6.60 0.00	88.92 5.99 0.00
ASTORIA_GT2_1 24094	102.08 6.32 0.00	112.59 6.62 0.00	113.91 5.99 0.00	83.98 4.40 -0.01	96.18 5.32 -0.01	84.65 5.13 -0.01	88.73 5.67 0.00	92.15 6.33 0.00	126.54 9.05 0.00	133.77 9.69 0.00	152.61 10.36 0.00	225.00 14.43 -0.54	125.66 8.47 0.00	56.27 4.08 0.00	54.14 3.73 0.00	52.01 3.64 0.00	63.06 4.84 0.00	99.26 7.93 0.00	119.10 9.67 0.00	98.11 8.11 0.00	77.61 6.33 0.00	79.61 6.18 -0.01	92.26 6.64 0.00	88.95 6.02 0.00
ASTORIA_GT2_2 24095	102.08 6.32 0.00	112.59 6.62 0.00	113.91 5.99 0.00	83.98 4.40 -0.01	96.18 5.32 -0.01	84.65 5.13 -0.01	88.73 5.67 0.00	92.15 6.33 0.00	126.54 9.05 0.00	133.77 9.69 0.00	152.61 10.36 0.00	225.00 14.43 -0.54	125.66 8.47 0.00	56.27 4.08 0.00	54.14 3.73 0.00	52.01 3.64 0.00	63.06 4.84 0.00	99.26 7.93 0.00	119.10 9.67 0.00	98.11 8.11 0.00	77.61 6.33 0.00	79.61 6.18 -0.01	92.26 6.64 0.00	88.95 6.02 0.00
ASTORIA_GT2_3 24096	102.08 6.32 0.00	112.59 6.62 0.00	113.91 5.99 0.00	83.98 4.40 -0.01	96.18 5.32 -0.01	84.65 5.13 -0.01	88.73 5.67 0.00	92.15 6.33 0.00	126.54 9.05 0.00	133.77 9.69 0.00	152.61 10.36 0.00	225.00 14.43 -0.54	125.66 8.47 0.00	56.27 4.08 0.00	54.14 3.73 0.00	52.01 3.64 0.00	63.06 4.84 0.00	99.26 7.93 0.00	119.10 9.67 0.00	98.11 8.11 0.00	77.61 6.33 0.00	79.61 6.18 -0.01	92.26 6.64 0.00	88.95 6.02 0.00
ASTORIA_GT2_4 24097	102.08 6.32 0.00	112.59 6.62 0.00	113.91 5.99 0.00	83.98 4.40 -0.01	96.18 5.32 -0.01	84.65 5.13 -0.01	88.73 5.67 0.00	92.15 6.33 0.00	126.54 9.05 0.00	133.77 9.69 0.00	152.61 10.36 0.00	225.00 14.43 -0.54	125.66 8.47 0.00	56.27 4.08 0.00	54.14 3.73 0.00	52.01 3.64 0.00	63.06 4.84 0.00	99.26 7.93 0.00	119.10 9.67 0.00	98.11 8.11 0.00	77.61 6.33 0.00	79.61 6.18 -0.01	92.26 6.64 0.00	88.95 6.02 0.00
ASTORIA_GT3_1 24098	102.08 6.32 0.00	112.59 6.62 0.00	113.91 5.99 0.00	83.98 4.40 -0.01	96.18 5.32 -0.01	84.65 5.13 -0.01	88.73 5.67 0.00	92.15 6.33 0.00	126.54 9.05 0.00	133.77 9.69 0.00	152.61 10.36 0.00	225.00 14.43 -0.54	125.66 8.47 0.00	56.27 4.08 0.00	54.14 3.73 0.00	52.01 3.64 0.00	63.06 4.84 0.00	99.26 7.93 0.00	119.10 9.67 0.00	98.11 8.11 0.00	77.61 6.33 0.00	79.61 6.18 -0.01	92.26 6.64 0.00	88.95 6.02 0.00
ASTORIA_GT3_2 24099	102.08 6.32 0.00	112.59 6.62 0.00	113.91 5.99 0.00	83.98 4.40 -0.01	96.18 5.32 -0.01	84.65 5.13 -0.01	88.73 5.67 0.00	92.15 6.33 0.00	126.54 9.05 0.00	133.77 9.69 0.00	152.61 10.36 0.00	225.00 14.43 -0.54	125.66 8.47 0.00	56.27 4.08 0.00	54.14 3.73 0.00	52.01 3.64 0.00	63.06 4.84 0.00	99.26 7.93 0.00	119.10 9.67 0.00	98.11 8.11 0.00	77.61 6.33 0.00	79.61 6.18 -0.01	92.26 6.64 0.00	88.95 6.02 0.00
ASTORIA_GT3_3 24100	102.08 6.32 0.00	112.59 6.62 0.00	113.91 5.99 0.00	83.98 4.40 -0.01	96.18 5.32 -0.01	84.65 5.13 -0.01	88.73 5.67 0.00	92.15 6.33 0.00	126.54 9.05 0.00	133.77 9.69 0.00	152.61 10.36 0.00	225.00 14.43 -0.54	125.66 8.47 0.00	56.27 4.08 0.00	54.14 3.73 0.00	52.01 3.64 0.00	63.06 4.84 0.00	99.26 7.93 0.00	119.10 9.67 0.00	98.11 8.11 0.00	77.61 6.33 0.00	79.61 6.18 -0.01	92.26 6.64 0.00	88.95 6.02 0.00
ASTORIA_GT3_4 24101	102.08 6.32 0.00	112.59 6.62 0.00	113.91 5.99 0.00	83.98 4.40 -0.01	96.18 5.32 -0.01	84.65 5.13 -0.01	88.73 5.67 0.00	92.15 6.33 0.00	126.54 9.05 0.00	133.77 9.69 0.00	152.61 10.36 0.00	225.00 14.43 -0.54	125.66 8.47 0.00	56.27 4.08 0.00	54.14 3.73 0.00	52.01 3.64 0.00	63.06 4.84 0.00	99.26 7.93 0.00	119.10 9.67 0.00	98.11 8.11 0.00	77.61 6.33 0.00	79.61 6.18 -0.01	92.26 6.64 0.00	88.95 6.02 0.00
ASTORIA_GT4_1 24102	102.08 6.32 0.00	112.59 6.62 0.00	113.91 5.99 0.00	83.98 4.40 -0.01	96.18 5.32 -0.01	84.65 5.13 -0.01	88.73 5.67 0.00	92.15 6.33 0.00	126.54 9.05 0.00	133.77 9.69 0.00	152.61 10.36 0.00	225.00 14.43 -0.54	125.66 8.47 0.00	56.27 4.08 0.00	54.14 3.73 0.00	52.01 3.64 0.00	63.06 4.84 0.00	99.26 7.93 0.00	119.10 9.67 0.00	98.11 8.11 0.00	77.61 6.33 0.00	79.61 6.18 -0.01	92.26 6.64 0.00	88.95 6.02 0.00
ASTORIA_GT4_2 24103	102.08 6.32 0.00	112.59 6.62 0.00	113.91 5.99 0.00	83.98 4.40 -0.01	96.18 5.32 -0.01	84.65 5.13 -0.01	88.73 5.67 0.00	92.15 6.33 0.00	126.54 9.05 0.00	133.77 9.69 0.00	152.61 10.36 0.00	225.00 14.43 -0.54	125.66 8.47 0.00	56.27 4.08 0.00	54.14 3.73 0.00	52.01 3.64 0.00	63.06 4.84 0.00	99.26 7.93 0.00	119.10 9.67 0.00	98.11 8.11 0.00	77.61 6.33 0.00	79.61 6.18 -0.01	92.26 6.64 0.00	88.95 6.02 0.00
ASTORIA_GT4_3 24104	102.08 6.32 0.00	112.59 6.62 0.00	113.91 5.99 0.00	83.98 4.40 -0.01	96.18 5.32 -0.01	84.65 5.13 -0.01	88.73 5.67 0.00	92.15 6.33 0.00	126.54 9.05 0.00	133.77 9.69 0.00	152.61 10.36 0.00	225.00 14.43 -0.54	125.66 8.47 0.00	56.27 4.08 0.00	54.14 3.73 0.00	52.01 3.64 0.00	63.06 4.84 0.00	99.26 7.93 0.00	119.10 9.67 0.00	98.11 8.11 0.00	77.61 6.33 0.00	79.61 6.18 -0.01	92.26 6.64 0.00	88.95 6.02 0.00

ASTORIA_GT4_4 24105	102.08 6.32 0.00	112.59 6.62 0.00	113.91 5.99 0.00	83.98 4.40 -0.01	96.18 5.32 -0.01	84.65 5.13 -0.01	88.73 5.67 0.00	92.15 6.33 0.00	126.54 9.05 0.00	133.77 9.69 0.00	152.61 10.36 0.00	225.00 14.43 -0.54	125.66 8.47 0.00	56.27 4.08 0.00	54.14 3.73 0.00	52.01 3.64 0.00	63.06 4.84 0.00	99.26 7.93 0.00	119.10 9.67 0.00	98.11 8.11 0.00	77.61 6.33 0.00	79.61 6.18 -0.01	92.26 6.64 0.00	88.95 6.02 0.00
ASTORIA_GT_1 23523	102.28 6.52 0.00	112.80 6.83 0.00	114.11 6.19 0.00	84.13 4.55 -0.01	96.33 5.47 -0.01	84.80 5.27 -0.01	88.89 5.84 0.00	92.31 6.50 0.00	126.78 9.29 0.00	134.04 9.97 0.00	152.89 10.65 0.00	225.47 14.91 -0.54	125.92 8.74 0.00	56.45 4.26 0.00	54.24 3.83 0.00	52.11 3.74 0.00	63.18 4.96 0.00	99.44 8.11 0.00	119.33 9.89 0.00	98.30 8.30 0.00	77.75 6.47 0.00	79.76 6.33 -0.01	92.44 6.82 0.00	89.10 6.18 0.00
ASTORIA_GT_10 24110	102.48 6.72 0.00	113.03 7.06 0.00	114.34 6.42 0.00	84.33 4.75 -0.01	96.57 5.71 -0.01	85.03 5.50 -0.01	89.09 6.04 0.00	92.60 6.78 0.00	127.17 9.69 0.00	134.47 10.40 0.00	153.54 11.29 0.00	225.93 15.91 0.00	126.47 9.29 0.00	56.68 4.49 0.00	54.54 4.13 0.00	52.39 4.02 0.00	63.49 5.27 0.00	99.94 8.61 0.00	119.90 10.46 0.00	98.74 8.74 0.00	78.12 6.83 0.00	80.10 6.67 -0.01	92.73 7.11 0.00	89.31 6.39 0.00
ASTORIA_GT_11 24225	102.48 6.72 0.00	113.03 7.06 0.00	114.34 6.42 0.00	84.33 4.75 -0.01	96.57 5.71 -0.01	85.03 5.50 -0.01	89.09 6.04 0.00	92.60 6.78 0.00	127.17 9.69 0.00	134.47 10.40 0.00	153.54 11.29 0.00	225.93 15.91 0.00	126.47 9.29 0.00	56.68 4.49 0.00	54.54 4.13 0.00	52.39 4.02 0.00	63.49 5.27 0.00	99.94 8.61 0.00	119.90 10.46 0.00	98.74 8.74 0.00	78.12 6.83 0.00	80.10 6.67 -0.01	92.73 7.11 0.00	89.31 6.39 0.00
ASTORIA_GT_12 24226	102.48 6.72 0.00	113.03 7.06 0.00	114.34 6.42 0.00	84.33 4.75 -0.01	96.57 5.71 -0.01	85.03 5.50 -0.01	89.09 6.04 0.00	92.60 6.78 0.00	127.17 9.69 0.00	134.47 10.40 0.00	153.54 11.29 0.00	225.93 15.91 0.00	126.47 9.29 0.00	56.68 4.49 0.00	54.54 4.13 0.00	52.39 4.02 0.00	63.49 5.27 0.00	99.94 8.61 0.00	119.90 10.46 0.00	98.74 8.74 0.00	78.12 6.83 0.00	80.10 6.67 -0.01	92.73 7.11 0.00	89.31 6.39 0.00
ASTORIA_GT_13 24227	102.48 6.72 0.00	113.03 7.06 0.00	114.34 6.42 0.00	84.33 4.75 -0.01	96.57 5.71 -0.01	85.03 5.50 -0.01	89.09 6.04 0.00	92.60 6.78 0.00	127.17 9.69 0.00	134.47 10.40 0.00	153.54 11.29 0.00	225.93 15.91 0.00	126.47 9.29 0.00	56.68 4.49 0.00	54.54 4.13 0.00	52.39 4.02 0.00	63.49 5.27 0.00	99.94 8.61 0.00	119.90 10.46 0.00	98.74 8.74 0.00	78.12 6.83 0.00	80.10 6.67 -0.01	92.73 7.11 0.00	89.31 6.39 0.00
ASTORIA_GT_5 24106	102.28 6.52 0.00	112.80 6.83 0.00	114.12 6.19 0.00	84.13 4.55 -0.01	96.33 5.47 -0.01	84.80 5.27 -0.01	88.89 5.84 0.00	92.32 6.50 0.00	126.77 9.29 0.00	134.04 9.96 0.00	152.91 10.67 0.00	225.47 14.91 -0.54	125.92 8.74 0.00	56.38 4.19 0.00	54.24 3.84 0.00	52.12 3.75 0.00	63.18 4.96 0.00	99.45 8.12 0.00	119.36 9.92 0.00	98.30 8.30 0.00	77.76 6.47 0.00	79.76 6.33 -0.01	92.44 6.82 0.00	89.10 6.17 0.00
ASTORIA_GT_7 24107	102.28 6.52 0.00	112.80 6.83 0.00	114.12 6.19 0.00	84.13 4.55 -0.01	96.33 5.47 -0.01	84.80 5.27 -0.01	88.89 5.84 0.00	92.32 6.50 0.00	126.77 9.29 0.00	134.04 9.96 0.00	152.91 10.67 0.00	225.47 14.91 -0.54	125.92 8.74 0.00	56.38 4.19 0.00	54.24 3.84 0.00	52.12 3.75 0.00	63.18 4.96 0.00	99.45 8.12 0.00	119.36 9.92 0.00	98.30 8.30 0.00	77.76 6.47 0.00	79.76 6.33 -0.01	92.44 6.82 0.00	89.10 6.17 0.00
ASTORIA_GT_8 24108	102.28 6.52 0.00	112.80 6.83 0.00	114.12 6.19 0.00	84.13 4.55 -0.01	96.33 5.47 -0.01	84.80 5.27 -0.01	88.89 5.84 0.00	92.32 6.50 0.00	126.77 9.29 0.00	134.04 9.96 0.00	152.91 10.67 0.00	225.47 14.91 -0.54	125.92 8.74 0.00	56.38 4.19 0.00	54.24 3.84 0.00	52.12 3.75 0.00	63.18 4.96 0.00	99.45 8.12 0.00	119.36 9.92 0.00	98.30 8.30 0.00	77.76 6.47 0.00	79.76 6.33 -0.01	92.44 6.82 0.00	89.10 6.17 0.00
ASTORIA___2 24149	102.08 6.32 0.00	112.60 6.62 0.00	113.90 5.98 0.00	83.98 4.39 -0.01	96.18 5.32 -0.01	84.66 5.13 -0.01	88.73 5.67 0.00	92.15 6.34 0.00	126.54 9.05 0.00	133.77 9.70 0.00	152.60 10.35 0.00	225.00 14.43 -0.54	125.66 8.47 0.00	56.35 4.16 0.00	54.14 3.73 0.00	52.01 3.64 0.00	63.06 4.84 0.00	99.25 7.92 0.00	119.08 9.64 0.00	98.11 8.11 0.00	77.61 6.33 0.00	79.61 6.18 -0.01	92.26 6.64 0.00	88.94 6.02 0.00
ASTORIA___3 23516	102.48 6.72 0.00	113.02 7.05 0.00	114.34 6.42 0.00	84.32 4.74 -0.01	96.58 5.72 -0.01	85.03 5.50 -0.01	89.09 6.03 0.00	92.60 6.78 0.00	127.18 9.70 0.00	134.48 10.41 0.00	153.51 11.27 0.00	225.92 15.90 0.00	126.48 9.30 0.00	56.71 4.52 0.00	54.53 4.13 0.00	52.39 4.02 0.00	63.49 5.27 0.00	99.93 8.60 0.00	119.86 10.42 0.00	98.74 8.74 0.00	78.12 6.84 0.00	80.10 6.67 -0.01	92.73 7.11 0.00	89.31 6.39 0.00
ASTORIA___4 23517	102.48 6.72 0.00	113.03 7.06 0.00	114.34 6.42 0.00	84.33 4.75 -0.01	96.57 5.71 -0.01	85.03 5.50 -0.01	89.09 6.04 0.00	92.60 6.78 0.00	127.17 9.69 0.00	134.47 10.40 0.00	153.54 11.29 0.00	225.93 15.91 0.00	126.47 9.29 0.00	56.68 4.49 0.00	54.54 4.13 0.00	52.39 4.02 0.00	63.49 5.27 0.00	99.94 8.61 0.00	119.90 10.46 0.00	98.74 8.74 0.00	78.12 6.83 0.00	80.10 6.67 -0.01	92.73 7.11 0.00	89.31 6.39 0.00
ASTORIA___5 23518	102.48 6.72 0.00	113.02 7.05 0.00	114.34 6.42 0.00	84.32 4.74 -0.01	96.58 5.72 -0.01	85.03 5.50 -0.01	89.09 6.03 0.00	92.60 6.78 0.00	127.18 9.70 0.00	134.48 10.41 0.00	153.51 11.27 0.00	225.92 15.90 0.00	126.48 9.30 0.00	56.71 4.52 0.00	54.53 4.13 0.00	52.39 4.02 0.00	63.49 5.27 0.00	99.93 8.60 0.00	119.86 10.42 0.00	98.74 8.74 0.00	78.12 6.84 0.00	80.10 6.67 -0.01	92.73 7.11 0.00	89.31 6.39 0.00
AST_ENERGY_2_CC3 323677	101.70 5.94 0.00	112.15 6.18 0.00	113.39 5.47 0.00	83.63 4.06 0.00	95.80 4.94 0.00	84.37 4.85 0.00	88.49 5.44 0.00	91.93 6.12 0.00	126.24 8.75 0.00	133.50 9.42 0.00	152.39 10.14 0.00	224.32 14.30 0.00	125.64 8.45 0.00	56.29 4.10 0.00	54.16 3.75 0.00	52.00 3.64 0.00	63.02 4.80 0.00	99.21 7.89 0.00	118.99 9.56 0.00	98.04 8.04 0.00	77.56 6.28 0.00	79.52 6.09 0.00	92.08 6.47 0.00	88.69 5.77 0.00
AST_ENERGY_2_CC4 323678	101.70 5.94 0.00	112.15 6.18 0.00	113.39 5.47 0.00	83.63 4.06 0.00	95.80 4.94 0.00	84.37 4.85 0.00	88.49 5.44 0.00	91.93 6.12 0.00	126.24 8.75 0.00	133.50 9.42 0.00	152.39 10.14 0.00	224.32 14.30 0.00	125.64 8.45 0.00	56.29 4.10 0.00	54.16 3.75 0.00	52.00 3.64 0.00	63.02 4.80 0.00	99.21 7.89 0.00	118.99 9.56 0.00	98.04 8.04 0.00	77.56 6.28 0.00	79.52 6.09 0.00	92.08 6.47 0.00	88.69 5.77 0.00

ATHENS_STG_1 23668	99.72 3.97 0.00	110.20 4.23 0.00	111.77 3.85 0.00	82.32 2.74 0.00	94.15 3.30 0.00	82.66 3.15 0.00	86.47 3.42 0.00	89.55 3.73 0.00	122.84 5.35 0.00	129.78 5.71 0.00	148.47 6.22 0.00	218.58 8.56 0.00	122.26 5.08 0.00	54.57 2.38 0.00	52.56 2.15 0.00	50.38 2.01 0.00	60.78 2.56 0.00	95.39 4.06 0.00	114.43 5.00 0.00	94.15 4.14 0.00	74.56 3.28 0.00	76.63 3.21 0.00	89.03 3.42 0.00	86.08 3.16 0.00
ATHENS_STG_2 23670	99.72 3.97 0.00	110.20 4.23 0.00	111.77 3.85 0.00	82.32 2.74 0.00	94.15 3.30 0.00	82.66 3.15 0.00	86.47 3.42 0.00	89.55 3.73 0.00	122.84 5.35 0.00	129.78 5.71 0.00	148.47 6.22 0.00	218.58 8.56 0.00	122.26 5.08 0.00	54.57 2.38 0.00	52.56 2.15 0.00	50.38 2.01 0.00	60.78 2.56 0.00	95.39 4.06 0.00	114.43 5.00 0.00	94.15 4.14 0.00	74.56 3.28 0.00	76.63 3.21 0.00	89.03 3.42 0.00	86.08 3.16 0.00
ATHENS_STG_3 23677	99.72 3.97 0.00	110.20 4.23 0.00	111.77 3.85 0.00	82.32 2.74 0.00	94.15 3.30 0.00	82.66 3.15 0.00	86.47 3.42 0.00	89.55 3.73 0.00	122.84 5.35 0.00	129.78 5.71 0.00	148.47 6.22 0.00	218.58 8.56 0.00	122.26 5.08 0.00	54.57 2.38 0.00	52.56 2.15 0.00	50.38 2.01 0.00	60.78 2.56 0.00	95.39 4.06 0.00	114.43 5.00 0.00	94.15 4.14 0.00	74.56 3.28 0.00	76.63 3.21 0.00	89.03 3.42 0.00	86.08 3.16 0.00
AUBURN___LFGE 323710	96.00 0.24 0.00	106.08 0.11 0.00	108.48 0.56 0.00	80.00 0.43 0.00	91.34 0.49 0.00	79.80 0.29 0.00	83.30 0.25 0.00	86.34 0.52 0.00	118.09 0.60 0.00	124.72 0.65 0.00	142.85 0.60 0.00	210.52 0.49 0.00	117.17 -0.02 0.00	52.16 -0.03 0.00	50.38 -0.03 0.00	48.52 0.16 0.00	58.52 0.31 0.00	91.95 0.62 0.00	110.22 0.78 0.00	90.48 0.48 0.00	71.49 0.20 0.00	73.47 0.05 0.00	85.41 -0.20 0.00	82.68 -0.23 0.00
BABYLON_RES_REC 323704	103.86 8.10 0.00	114.62 8.64 0.00	116.16 8.24 0.00	85.92 6.34 0.00	98.42 7.56 0.00	86.81 7.29 0.00	91.05 8.00 0.00	94.53 8.72 0.00	128.61 11.12 0.00	135.53 11.46 0.00	153.86 11.61 0.00	223.21 14.77 1.58	127.32 10.13 0.00	57.53 5.34 0.00	55.45 5.04 0.00	53.34 4.97 0.00	64.69 6.46 0.00	101.29 9.96 0.00	121.44 12.00 0.00	100.77 10.61 -0.15	79.56 8.28 0.00	81.35 7.92 0.00	94.18 8.57 0.00	90.50 7.58 0.00
BABYLON__69_KV_BK2 356345	104.86 9.10 0.00	115.69 9.72 0.00	117.34 9.42 0.00	86.82 7.25 0.00	99.48 8.63 0.00	87.77 8.25 0.00	92.07 9.02 0.00	95.59 9.78 0.00	129.94 12.46 0.00	136.76 12.69 0.00	155.11 12.86 1.55	225.16 16.69 0.00	128.60 11.42 0.00	58.10 5.91 0.00	56.06 5.65 0.00	53.90 5.54 0.00	65.44 7.22 0.00	102.46 11.13 0.00	122.80 13.37 0.00	102.00 11.85 -0.15	80.50 9.21 0.00	82.27 8.85 0.00	95.25 9.63 0.00	91.50 8.57 0.00
BALL_HILL_WT_PWR 323825	89.58 -4.22 1.96	100.91 -5.06 0.00	94.17 -4.28 9.46	75.60 -3.07 0.91	86.91 -3.94 0.00	75.31 -4.20 0.00	77.97 -5.08 0.00	77.18 -6.25 2.38	107.68 -9.80 0.00	113.68 -10.39 0.00	131.35 -10.90 0.00	192.66 -17.36 0.00	106.33 -10.85 0.00	47.22 -4.97 0.00	45.52 -4.88 0.00	44.01 -4.35 0.00	52.94 -5.28 0.00	80.30 -8.06 2.96	85.62 -9.62 14.18	80.98 -8.82 0.21	64.24 -7.04 0.00	66.43 -7.00 0.00	77.96 -7.66 0.00	76.44 -6.49 0.00
BARON_WINDS___WT_PWR 323822	95.52 -2.02 -1.79	103.66 -2.31 0.00	114.41 -2.14 -8.63	79.04 -1.36 -0.83	89.03 -1.82 0.00	77.85 -1.67 0.00	80.92 -2.13 0.00	85.36 -2.63 -2.17	112.83 -4.66 0.00	118.78 -5.29 0.00	136.28 -5.97 0.00	200.33 -9.69 0.00	110.49 -6.69 0.00	49.04 -3.16 0.00	47.43 -2.98 0.00	45.78 -2.59 0.00	55.08 -3.14 0.00	70.15 -5.60 15.57	28.29 -6.55 74.60	83.11 -5.81 1.08	66.74 -4.54 0.00	68.73 -4.70 0.00	80.31 -5.31 0.00	78.24 -4.68 0.00
BARRETT_IC_1 23704	102.92 7.15 0.00	113.55 7.57 0.00	114.98 7.06 0.00	84.99 5.41 0.00	97.29 6.44 0.00	85.72 6.21 0.00	89.86 6.81 0.00	93.25 7.44 0.00	127.21 9.72 0.00	134.19 10.11 0.00	152.29 10.04 14.32	207.77 12.06 0.00	125.89 8.70 0.00	56.84 4.64 0.00	54.68 4.27 0.00	52.57 4.20 0.00	63.62 5.40 0.00	99.71 8.38 0.00	119.54 10.11 0.00	99.08 8.92 -0.15	78.23 6.95 0.00	80.08 6.65 0.00	92.84 7.23 0.00	89.36 6.44 0.00
BARRETT_IC_10 23701	102.92 7.15 0.00	113.55 7.57 0.00	114.98 7.06 0.00	84.99 5.41 0.00	97.29 6.44 0.00	85.72 6.21 0.00	89.86 6.81 0.00	93.25 7.44 0.00	127.21 9.72 0.00	134.19 10.11 0.00	152.29 10.04 0.00	170.63 12.06 51.46	125.89 8.70 0.00	56.84 4.64 0.00	54.68 4.27 0.00	52.57 4.20 0.00	63.62 5.40 0.00	99.71 8.38 0.00	119.54 10.11 0.00	99.08 8.92 -0.15	78.23 6.95 0.00	80.08 6.65 0.00	92.84 7.23 0.00	89.36 6.44 0.00
BARRETT_IC_11 23702	102.92 7.15 0.00	113.55 7.57 0.00	114.98 7.06 0.00	84.99 5.41 0.00	97.29 6.44 0.00	85.72 6.21 0.00	89.86 6.81 0.00	93.25 7.44 0.00	127.21 9.72 0.00	134.19 10.11 0.00	152.29 10.04 51.46	170.63 12.06 0.00	125.89 8.70 0.00	56.84 4.64 0.00	54.68 4.27 0.00	52.57 4.20 0.00	63.62 5.40 0.00	99.71 8.38 0.00	119.54 10.11 0.00	99.08 8.92 -0.15	78.23 6.95 0.00	80.08 6.65 0.00	92.84 7.23 0.00	89.36 6.44 0.00
BARRETT_IC_12 23703	102.92 7.15 0.00	113.55 7.57 0.00	114.98 7.06 0.00	84.99 5.41 0.00	97.29 6.44 0.00	85.72 6.21 0.00	89.86 6.81 0.00	93.25 7.44 0.00	127.21 9.72 0.00	134.19 10.11 0.00	152.29 10.04 51.46	170.63 12.06 0.00	125.89 8.70 0.00	56.84 4.64 0.00	54.68 4.27 0.00	52.57 4.20 0.00	63.62 5.40 0.00	99.71 8.38 0.00	119.54 10.11 0.00	99.08 8.92 -0.15	78.23 6.95 0.00	80.08 6.65 0.00	92.84 7.23 0.00	89.36 6.44 0.00
BARRETT_IC_2 23705	102.92 7.15 0.00	113.55 7.57 0.00	114.98 7.06 0.00	84.99 5.41 0.00	97.29 6.44 0.00	85.72 6.21 0.00	89.86 6.81 0.00	93.25 7.44 0.00	127.21 9.72 0.00	134.19 10.11 0.00	152.29 10.04 14.32	207.77 12.06 0.00	125.89 8.70 0.00	56.84 4.64 0.00	54.68 4.27 0.00	52.57 4.20 0.00	63.62 5.40 0.00	99.71 8.38 0.00	119.54 10.11 0.00	99.08 8.92 -0.15	78.23 6.95 0.00	80.08 6.65 0.00	92.84 7.23 0.00	89.36 6.44 0.00
BARRETT_IC_3 23706	102.92 7.15 0.00	113.55 7.57 0.00	114.98 7.06 0.00	84.99 5.41 0.00	97.29 6.44 0.00	85.72 6.21 0.00	89.86 6.81 0.00	93.25 7.44 0.00	127.21 9.72 0.00	134.19 10.11 0.00	152.29 10.04 14.32	207.77 12.06 0.00	125.89 8.70 0.00	56.84 4.64 0.00	54.68 4.27 0.00	52.57 4.20 0.00	63.62 5.40 0.00	99.71 8.38 0.00	119.54 10.11 0.00	99.08 8.92 -0.15	78.23 6.95 0.00	80.08 6.65 0.00	92.84 7.23 0.00	89.36 6.44 0.00
BARRETT_IC_4 23707	102.92 7.15 0.00	113.55 7.57 0.00	114.98 7.06 0.00	84.99 5.41 0.00	97.29 6.44 0.00	85.72 6.21 0.00	89.86 6.81 0.00	93.25 7.44 0.00	127.21 9.72 0.00	134.19 10.11 0.00	152.29 10.04 0.00	207.77 12.06 0.00	125.89 8.70 0.00	56.84 4.64 0.00	54.68 4.27 0.00	52.57 4.20 0.00	63.62 5.40 0.00	99.71 8.38 0.00	119.54 10.11 0.00	99.08 8.92 -0.15	78.23 6.95 0.00	80.08 6.65 0.00	92.84 7.23 0.00	89.36 6.44 0.00

BARRETT_IC_5 23708	102.92 7.15 0.00	113.55 7.57 0.00	114.98 7.06 0.00	84.99 5.41 0.00	97.29 6.44 0.00	85.72 6.21 0.00	89.86 6.81 0.00	93.25 7.44 0.00	127.21 9.72 0.00	134.19 10.11 0.00	152.29 10.04 0.00	207.77 12.06 14.32	125.89 8.70 0.00	56.84 4.64 0.00	54.68 4.27 0.00	52.57 4.20 0.00	63.62 5.40 0.00	99.71 8.38 0.00	119.54 10.11 0.00	99.08 8.92 -0.15	78.23 6.95 0.00	80.08 6.65 0.00	92.84 7.23 0.00	89.36 6.44 0.00
BARRETT_IC_6 23709	102.92 7.15 0.00	113.55 7.57 0.00	114.98 7.06 0.00	84.99 5.41 0.00	97.29 6.44 0.00	85.72 6.21 0.00	89.86 6.81 0.00	93.25 7.44 0.00	127.21 9.72 0.00	134.19 10.11 0.00	152.29 10.04 0.00	207.77 12.06 14.32	125.89 8.70 0.00	56.84 4.64 0.00	54.68 4.27 0.00	52.57 4.20 0.00	63.62 5.40 0.00	99.71 8.38 0.00	119.54 10.11 0.00	99.08 8.92 -0.15	78.23 6.95 0.00	80.08 6.65 0.00	92.84 7.23 0.00	89.36 6.44 0.00
BARRETT_IC_7 23710	102.91 7.16 0.00	113.55 7.57 0.00	115.00 7.08 0.00	84.99 5.41 0.00	97.29 6.44 0.00	85.73 6.21 0.00	89.86 6.81 0.00	93.25 7.44 0.00	127.20 9.72 0.00	134.19 10.12 0.00	152.31 10.06 0.00	207.89 12.19 14.32	125.88 8.69 0.00	56.83 4.64 0.00	54.68 4.27 0.00	52.57 4.20 0.00	63.63 5.41 0.00	99.70 8.37 0.00	119.55 10.12 0.00	99.08 8.92 -0.15	78.23 6.95 0.00	80.07 6.65 0.00	92.84 7.22 0.00	89.36 6.44 0.00
BARRETT_IC_8 23711	102.92 7.15 0.00	113.55 7.57 0.00	114.98 7.06 0.00	84.99 5.41 0.00	97.29 6.44 0.00	85.72 6.21 0.00	89.86 6.81 0.00	93.25 7.44 0.00	127.21 9.72 0.00	134.19 10.11 0.00	152.29 10.04 0.00	207.77 12.06 14.32	125.89 8.70 0.00	56.84 4.64 0.00	54.68 4.27 0.00	52.57 4.20 0.00	63.62 5.40 0.00	99.71 8.38 0.00	119.54 10.11 0.00	99.08 8.92 -0.15	78.23 6.95 0.00	80.08 6.65 0.00	92.84 7.23 0.00	89.36 6.44 0.00
BARRETT_IC_9 23700	102.92 7.15 0.00	113.55 7.57 0.00	114.98 7.06 0.00	84.99 5.41 0.00	97.29 6.44 0.00	85.72 6.21 0.00	89.86 6.81 0.00	93.25 7.44 0.00	127.21 9.72 0.00	134.19 10.11 0.00	152.29 10.04 0.00	170.63 12.06 51.46	125.89 8.70 0.00	56.84 4.64 0.00	54.68 4.27 0.00	52.57 4.20 0.00	63.62 5.40 0.00	99.71 8.38 0.00	119.54 10.11 0.00	99.08 8.92 -0.15	78.23 6.95 0.00	80.08 6.65 0.00	92.84 7.23 0.00	89.36 6.44 0.00
BARRETT___1 23545	102.92 7.15 0.00	113.55 7.57 0.00	114.98 7.06 0.00	84.99 5.41 0.00	97.29 6.44 0.00	85.72 6.21 0.00	89.86 6.81 0.00	93.25 7.44 0.00	127.21 9.72 0.00	134.19 10.11 0.00	152.29 10.04 0.00	207.77 12.06 14.32	125.89 8.70 0.00	56.84 4.64 0.00	54.68 4.27 0.00	52.57 4.20 0.00	63.62 5.40 0.00	99.71 8.38 0.00	119.54 10.11 0.00	99.08 8.92 -0.15	78.23 6.95 0.00	80.08 6.65 0.00	92.84 7.23 0.00	89.36 6.44 0.00
BARRETT___2 23546	102.92 7.15 0.00	113.55 7.57 0.00	114.98 7.06 0.00	84.99 5.41 0.00	97.29 6.44 0.00	85.72 6.21 0.00	89.86 6.81 0.00	93.25 7.44 0.00	127.21 9.72 0.00	134.19 10.11 0.00	152.29 10.04 0.00	170.63 12.06 51.46	125.89 8.70 0.00	56.84 4.64 0.00	54.68 4.27 0.00	52.57 4.20 0.00	63.62 5.40 0.00	99.71 8.38 0.00	119.54 10.11 0.00	99.08 8.92 -0.15	78.23 6.95 0.00	80.08 6.65 0.00	92.84 7.23 0.00	89.36 6.44 0.00
BATAVIA__115KV_TB1 55881	92.07 -3.69 0.00	101.47 -4.50 0.00	103.75 -4.17 0.00	76.76 -2.82 0.00	87.35 -3.50 0.00	75.83 -3.69 0.00	78.65 -4.40 0.00	80.34 -5.47 0.00	109.04 -8.44 0.00	115.24 -8.83 0.00	132.75 -9.50 0.00	194.60 -15.42 0.00	107.71 -9.48 0.00	47.92 -4.27 0.00	46.30 -4.11 0.00	44.81 -3.56 0.00	53.98 -4.24 0.00	83.63 -6.24 1.46	95.01 -7.47 6.95	82.81 -7.09 0.10	65.45 -5.83 0.00	67.85 -5.58 0.00	79.50 -6.12 0.00	77.67 -5.26 0.00
BAYONEEC___CTG1 323682	102.00 6.24 0.00	112.49 6.52 0.00	113.79 5.87 0.00	83.87 4.30 0.00	96.06 5.21 0.00	84.60 5.08 0.00	88.74 5.69 0.00	92.16 6.35 0.00	126.53 9.05 0.00	133.80 9.73 0.00	152.77 10.52 0.00	224.93 14.90 0.00	125.93 8.74 0.00	56.41 4.22 0.00	54.28 3.88 0.00	52.12 3.75 0.00	63.17 4.95 0.00	99.43 8.11 0.00	119.28 9.84 0.00	98.25 8.25 0.00	77.71 6.42 0.00	79.66 6.24 0.00	92.31 6.70 0.00	88.92 6.00 0.00
BAYONEEC___CTG10 323750	102.00 6.24 0.00	112.49 6.52 0.00	113.79 5.87 0.00	83.87 4.30 0.00	96.06 5.21 0.00	84.60 5.08 0.00	88.74 5.69 0.00	92.16 6.35 0.00	126.53 9.05 0.00	133.80 9.73 0.00	152.77 10.52 0.00	224.93 14.90 0.00	125.93 8.74 0.00	56.41 4.22 0.00	54.28 3.88 0.00	52.12 3.75 0.00	63.17 4.95 0.00	99.43 8.11 0.00	119.28 9.84 0.00	98.25 8.25 0.00	77.71 6.42 0.00	79.66 6.24 0.00	92.31 6.70 0.00	88.92 6.00 0.00
BAYONEEC___CTG2 323683	102.00 6.24 0.00	112.49 6.52 0.00	113.79 5.87 0.00	83.87 4.30 0.00	96.06 5.21 0.00	84.60 5.08 0.00	88.74 5.69 0.00	92.16 6.35 0.00	126.53 9.05 0.00	133.80 9.73 0.00	152.77 10.52 0.00	224.93 14.90 0.00	125.93 8.74 0.00	56.41 4.22 0.00	54.28 3.88 0.00	52.12 3.75 0.00	63.17 4.95 0.00	99.43 8.11 0.00	119.28 9.84 0.00	98.25 8.25 0.00	77.71 6.42 0.00	79.66 6.24 0.00	92.31 6.70 0.00	88.92 6.00 0.00
BAYONEEC___CTG3 323684	102.00 6.24 0.00	112.49 6.52 0.00	113.79 5.87 0.00	83.87 4.30 0.00	96.06 5.21 0.00	84.60 5.08 0.00	88.74 5.69 0.00	92.16 6.35 0.00	126.53 9.05 0.00	133.80 9.73 0.00	152.77 10.52 0.00	224.93 14.90 0.00	125.93 8.74 0.00	56.41 4.22 0.00	54.28 3.88 0.00	52.12 3.75 0.00	63.17 4.95 0.00	99.43 8.11 0.00	119.28 9.84 0.00	98.25 8.25 0.00	77.71 6.42 0.00	79.66 6.24 0.00	92.31 6.70 0.00	88.92 6.00 0.00
BAYONEEC___CTG4 323685	102.00 6.24 0.00	112.49 6.52 0.00	113.79 5.87 0.00	83.87 4.30 0.00	96.06 5.21 0.00	84.60 5.08 0.00	88.74 5.69 0.00	92.16 6.35 0.00	126.53 9.05 0.00	133.80 9.73 0.00	152.77 10.52 0.00	224.93 14.90 0.00	125.93 8.74 0.00	56.41 4.22 0.00	54.28 3.88 0.00	52.12 3.75 0.00	63.17 4.95 0.00	99.43 8.11 0.00	119.28 9.84 0.00	98.25 8.25 0.00	77.71 6.42 0.00	79.66 6.24 0.00	92.31 6.70 0.00	88.92 6.00 0.00
BAYONEEC___CTG5 323686	102.00 6.24 0.00	112.49 6.52 0.00	113.79 5.87 0.00	83.87 4.30 0.00	96.06 5.21 0.00	84.60 5.08 0.00	88.74 5.69 0.00	92.16 6.35 0.00	126.53 9.05 0.00	133.80 9.73 0.00	152.77 10.52 0.00	224.93 14.90 0.00	125.93 8.74 0.00	56.41 4.22 0.00	54.28 3.88 0.00	52.12 3.75 0.00	63.17 4.95 0.00	99.43 8.11 0.00	119.28 9.84 0.00	98.25 8.25 0.00	77.71 6.42 0.00	79.66 6.24 0.00	92.31 6.70 0.00	88.92 6.00 0.00
BAYONEEC___CTG6 323687	102.00 6.24 0.00	112.49 6.52 0.00	113.79 5.87 0.00	83.87 4.30 0.00	96.06 5.21 0.00	84.60 5.08 0.00	88.74 5.69 0.00	92.16 6.35 0.00	126.53 9.05 0.00	133.80 9.73 0.00	152.77 10.52 0.00	224.93 14.90 0.00	125.93 8.74 0.00	56.41 4.22 0.00	54.28 3.88 0.00	52.12 3.75 0.00	63.17 4.95 0.00	99.43 8.11 0.00	119.28 9.84 0.00	98.25 8.25 0.00	77.71 6.42 0.00	79.66 6.24 0.00	92.31 6.70 0.00	88.92 6.00 0.00

BAYONEEC___CTG7 323688	102.00 6.24 0.00	112.49 6.52 0.00	113.79 5.87 0.00	83.87 4.30 0.00	96.06 5.21 0.00	84.60 5.08 0.00	88.74 5.69 0.00	92.16 6.35 0.00	126.53 9.05 0.00	133.80 9.73 0.00	152.77 10.52 0.00	224.93 14.90 0.00	125.93 8.74 0.00	56.41 4.22 0.00	54.28 3.88 0.00	52.12 3.75 0.00	63.17 4.95 0.00	99.43 8.11 0.00	119.28 9.84 0.00	98.25 8.25 0.00	77.71 6.42 0.00	79.66 6.24 0.00	92.31 6.70 0.00	88.92 6.00 0.00
BAYONEEC___CTG8 323689	102.00 6.24 0.00	112.49 6.52 0.00	113.79 5.87 0.00	83.87 4.30 0.00	96.06 5.21 0.00	84.60 5.08 0.00	88.74 5.69 0.00	92.16 6.35 0.00	126.53 9.05 0.00	133.80 9.73 0.00	152.77 10.52 0.00	224.93 14.90 0.00	125.93 8.74 0.00	56.41 4.22 0.00	54.28 3.88 0.00	52.12 3.75 0.00	63.17 4.95 0.00	99.43 8.11 0.00	119.28 9.84 0.00	98.25 8.25 0.00	77.71 6.42 0.00	79.66 6.24 0.00	92.31 6.70 0.00	88.92 6.00 0.00
BAYONEEC___CTG9 323749	102.00 6.24 0.00	112.49 6.52 0.00	113.79 5.87 0.00	83.87 4.30 0.00	96.06 5.21 0.00	84.60 5.08 0.00	88.74 5.69 0.00	92.16 6.35 0.00	126.53 9.05 0.00	133.80 9.73 0.00	152.77 10.52 0.00	224.93 14.90 0.00	125.93 8.74 0.00	56.41 4.22 0.00	54.28 3.88 0.00	52.12 3.75 0.00	63.17 4.95 0.00	99.43 8.11 0.00	119.28 9.84 0.00	98.25 8.25 0.00	77.71 6.42 0.00	79.66 6.24 0.00	92.31 6.70 0.00	88.92 6.00 0.00
BEACON___LESR 323632	101.05 5.29 0.00	111.65 5.68 0.00	113.35 5.43 0.00	83.28 3.70 0.00	95.37 4.52 0.00	83.57 4.06 0.00	87.46 4.41 0.00	90.59 4.77 0.00	124.41 6.92 0.00	131.53 7.46 0.00	150.51 8.26 0.00	221.40 11.37 0.00	123.90 6.72 0.00	55.17 2.97 0.00	53.08 2.67 0.00	50.69 2.32 0.00	61.11 2.88 0.00	95.82 4.50 0.00	114.84 5.41 0.00	94.29 4.28 0.00	74.85 3.57 0.00	77.22 3.79 0.00	89.91 4.30 0.00	87.34 4.42 0.00
BEAVER RIVER___HYD 24048	97.78 2.03 0.00	108.13 2.16 0.00	110.28 2.36 0.00	81.40 1.82 0.00	92.89 2.04 0.00	81.16 1.65 0.00	84.62 1.57 0.00	87.46 1.64 0.00	119.81 2.33 0.00	126.50 2.43 0.00	144.70 2.45 0.00	213.79 3.77 0.00	118.94 1.75 0.00	52.77 0.58 0.00	50.86 0.45 0.00	48.78 0.42 0.00	58.91 0.69 0.00	93.18 1.85 0.00	111.36 1.92 0.00	91.37 1.37 0.00	72.09 0.81 0.00	74.39 0.97 0.00	86.26 0.65 0.00	83.62 0.69 0.00
BEEBEE_GT_13 23619	92.16 -3.60 0.00	101.71 -4.26 0.00	104.00 -3.92 0.00	76.74 -2.84 0.00	87.43 -3.42 0.00	76.19 -3.33 0.00	79.20 -3.85 0.00	81.26 -4.56 0.00	110.70 -6.79 0.00	117.04 -7.03 0.00	134.66 -7.59 0.00	197.91 -12.10 0.00	109.78 -7.41 0.00	48.92 -3.28 0.00	47.30 -3.11 0.00	45.61 -2.75 0.00	54.93 -3.30 0.00	86.37 -4.96 0.00	103.38 -6.06 0.00	84.48 -5.52 0.00	66.69 -4.59 0.00	68.84 -4.58 0.00	80.47 -5.14 0.00	78.35 -4.57 0.00
BENSHRST_27_KV_BENSHRST_1 355998	103.58 7.82 0.00	114.28 8.31 0.00	115.56 7.64 0.00	85.29 5.71 -0.01	97.73 6.87 -0.01	86.03 6.51 -0.01	89.91 6.86 0.00	101.37 7.68 -7.88	134.04 10.95 -5.60	144.84 11.74 -9.03	154.98 12.73 0.00	228.06 18.04 0.00	127.65 10.45 -0.01	71.85 5.08 -14.58	71.52 4.71 -16.40	71.59 4.58 -18.65	75.69 6.00 -11.47	132.58 9.76 -31.50	198.85 11.90 -77.51	229.31 9.90 -129.41	124.20 7.74 -45.17	106.20 7.56 -25.22	100.62 8.10 -6.90	90.46 7.29 -0.25
BETHLEHEM___GRP 23843	99.40 3.64 0.00	109.92 3.95 0.00	111.63 3.71 0.00	82.14 2.56 0.00	93.93 3.08 0.00	82.34 2.82 0.00	86.06 3.01 0.00	89.05 3.24 0.00	122.11 4.62 0.00	129.04 4.97 0.00	147.68 5.43 0.00	217.22 7.21 0.00	121.60 4.42 0.00	54.21 2.02 0.00	52.08 1.67 0.00	49.58 1.21 0.00	59.72 1.50 0.00	93.44 2.11 0.00	111.89 2.45 0.00	92.01 2.01 0.00	73.15 1.87 0.00	75.58 2.15 0.00	88.21 2.59 0.00	85.85 2.92 0.00
BETHLEHEM___GS1 323560	99.40 3.64 0.00	109.92 3.95 0.00	111.63 3.71 0.00	82.13 2.56 0.00	93.93 3.08 0.00	82.34 2.82 0.00	86.06 3.01 0.00	89.06 3.24 0.00	122.11 4.62 0.00	129.05 4.98 0.00	147.69 5.44 0.00	217.21 7.19 0.00	121.61 4.42 0.00	54.21 2.02 0.00	52.08 1.67 0.00	49.58 1.21 0.00	59.71 1.49 0.00	93.44 2.11 0.00	111.88 2.45 0.00	92.04 2.03 0.00	73.15 1.87 0.00	75.59 2.16 0.00	88.21 2.59 0.00	85.85 2.93 0.00
BETHLEHEM___GS2 323561	99.40 3.64 0.00	109.92 3.95 0.00	111.63 3.71 0.00	82.13 2.56 0.00	93.93 3.08 0.00	82.34 2.82 0.00	86.06 3.01 0.00	89.06 3.24 0.00	122.11 4.62 0.00	129.05 4.98 0.00	147.69 5.44 0.00	217.21 7.19 0.00	121.61 4.42 0.00	54.21 2.02 0.00	52.08 1.67 0.00	49.58 1.21 0.00	59.71 1.49 0.00	93.44 2.11 0.00	111.88 2.45 0.00	92.04 2.03 0.00	73.15 1.87 0.00	75.59 2.16 0.00	88.21 2.59 0.00	85.85 2.93 0.00
BETHLEHEM___GS3 323562	99.40 3.64 0.00	109.92 3.95 0.00	111.63 3.71 0.00	82.13 2.56 0.00	93.93 3.08 0.00	82.34 2.82 0.00	86.06 3.01 0.00	89.06 3.24 0.00	122.11 4.62 0.00	129.05 4.98 0.00	147.69 5.44 0.00	217.21 7.19 0.00	121.61 4.42 0.00	54.21 2.02 0.00	52.08 1.67 0.00	49.58 1.21 0.00	59.71 1.49 0.00	93.44 2.11 0.00	111.88 2.45 0.00	92.04 2.03 0.00	73.15 1.87 0.00	75.59 2.16 0.00	88.21 2.59 0.00	85.85 2.93 0.00
BETHLEHEM___STEEL 23779	91.22 -4.54 0.00	100.53 -5.44 0.00	103.22 -4.70 0.00	76.18 -3.40 0.00	86.57 -4.27 0.00	75.03 -4.49 0.00	77.65 -5.41 0.00	79.09 -6.73 0.00	107.09 -10.40 0.00	113.13 -10.94 0.00	130.61 -11.64 0.00	191.66 -18.36 0.00	105.92 -11.27 0.00	47.13 -5.06 0.00	45.46 -4.95 0.00	43.89 -4.48 0.00	52.77 -5.45 0.00	80.13 -8.44 2.75	86.00 -10.25 13.19	80.72 -9.10 0.19	63.92 -7.36 0.00	66.28 -7.15 0.00	77.78 -7.83 0.00	76.22 -6.71 0.00
BETHLHEM_115KV_TB1 79974	99.34 3.58 0.00	109.86 3.89 0.00	111.58 3.66 0.00	82.09 2.51 0.00	93.87 3.02 0.00	82.30 2.78 0.00	86.04 2.99 0.00	89.01 3.20 0.00	122.08 4.59 0.00	128.97 4.90 0.00	147.61 5.36 0.00	217.14 7.12 0.00	121.57 4.39 0.00	54.20 2.01 0.00	52.12 1.71 0.00	49.66 1.30 0.00	59.82 1.60 0.00	93.63 2.30 0.00	112.16 2.73 0.00	92.25 2.25 0.00	73.28 2.00 0.00	75.65 2.23 0.00	88.24 2.62 0.00	85.80 2.88 0.00
BETHPAGE_CC_5 323564	103.27 7.51 0.00	113.96 7.99 0.00	115.53 7.61 0.00	85.43 5.86 0.00	97.83 6.98 0.00	86.23 6.72 0.00	90.39 7.34 0.00	93.73 7.92 0.00	127.56 10.07 0.00	134.56 10.49 0.00	152.77 10.52 0.00	221.70 13.30 1.62	126.38 9.19 0.00	57.07 4.88 0.00	54.98 4.57 0.00	52.85 4.48 0.00	64.07 5.85 0.00	100.35 9.02 0.00	120.29 10.86 0.00	99.77 9.62 -0.15	78.80 7.51 0.00	80.63 7.21 0.00	93.53 7.91 0.00	89.90 6.97 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	91.75 -4.00 0.00	101.12 -4.85 0.00	103.81 -4.11 0.00	76.59 -2.98 0.00	87.05 -3.81 0.00	75.49 -4.03 0.00	78.13 -4.92 0.00	79.60 -6.21 0.00	107.83 -9.66 0.00	113.92 -10.15 0.00	131.54 -10.71 0.00	193.02 -17.00 0.00	106.66 -10.52 0.00	47.48 -4.72 0.00	45.80 -4.61 0.00	44.21 -4.16 0.00	53.14 -5.08 0.00	80.84 -7.90 2.58	87.50 -9.57 12.36	81.34 -8.49 0.18	64.40 -6.89 0.00	66.73 -6.70 0.00	78.27 -7.34 0.00	76.67 -6.25 0.00

BINGHAMTON___COGEN 23790	96.19 0.43 0.00	106.33 0.36 0.00	108.14 0.22 0.00	79.83 0.26 0.00	91.09 0.24 0.00	79.82 0.30 0.00	83.27 0.22 0.00	86.07 0.26 0.00	117.56 0.07 0.00	124.19 0.11 0.00	142.42 0.17 0.00	210.33 0.31 0.00	116.93 -0.26 0.00	52.02 -0.17 0.00	50.22 -0.18 0.00	48.31 -0.06 0.00	58.27 0.05 0.00	91.35 0.02 0.00	109.68 0.24 0.00	90.10 0.10 0.00	71.14 -0.14 0.00	73.08 -0.35 0.00	85.04 -0.58 0.00	82.41 -0.51 0.00
BIXINCNT_115KV_LOAD 355685	94.46 -1.30 0.00	104.13 -1.84 0.00	106.87 -1.05 0.00	78.72 -0.86 0.00	89.49 -1.36 0.00	77.79 -1.72 0.00	80.55 -2.50 0.00	82.12 -3.69 0.00	111.34 -6.14 0.00	117.57 -6.50 0.00	135.88 -6.37 0.00	199.12 -10.91 0.00	109.75 -7.44 0.00	48.87 -3.33 0.00	47.02 -3.38 0.00	45.20 -3.17 0.00	54.21 -4.01 0.00	83.01 -6.65 1.67	94.08 -7.36 8.00	83.75 -6.13 0.12	66.43 -4.85 0.00	68.63 -4.80 0.00	80.30 -5.32 0.00	78.55 -4.37 0.00
BLACK RIVER___HYD 24047	98.25 2.49 0.00	108.57 2.60 0.00	110.71 2.79 0.00	81.71 2.13 0.00	93.30 2.45 0.00	81.60 2.09 0.00	85.23 2.18 0.00	88.31 2.49 0.00	120.95 3.47 0.00	127.73 3.66 0.00	146.06 3.81 0.00	215.81 5.79 0.00	119.99 2.81 0.00	53.22 1.02 0.00	51.26 0.85 0.00	49.12 0.75 0.00	59.45 1.23 0.00	94.40 3.08 0.00	112.68 3.24 0.00	92.35 2.35 0.00	72.82 1.54 0.00	74.88 1.45 0.00	86.46 0.84 0.00	83.74 0.82 0.00
BLACKRVR_115KV_TB2 79977	98.25 2.49 0.00	108.57 2.60 0.00	110.71 2.79 0.00	81.71 2.13 0.00	93.30 2.45 0.00	81.60 2.09 0.00	85.23 2.18 0.00	88.31 2.50 0.00	120.95 3.47 0.00	127.73 3.66 0.00	146.06 3.81 0.00	215.81 5.79 0.00	120.00 2.81 0.00	53.22 1.03 0.00	51.26 0.85 0.00	49.11 0.75 0.00	59.45 1.23 0.00	94.39 3.06 0.00	112.66 3.22 0.00	92.36 2.35 0.00	72.82 1.54 0.00	74.89 1.47 0.00	86.46 0.84 0.00	83.74 0.82 0.00
BLISS_WT_PWR 323608	91.87 -1.18 2.71	104.28 -1.69 0.00	93.93 -0.92 13.07	77.56 -0.76 1.25	89.61 -1.24 0.00	77.89 -1.62 0.00	80.67 -2.39 0.00	78.94 -3.58 3.29	111.55 -5.94 0.00	117.78 -6.29 0.00	136.10 -6.15 0.00	199.36 -10.66 0.00	109.69 -7.50 0.00	48.83 -3.36 0.00	46.97 -3.44 0.00	45.10 -3.27 0.00	54.07 -4.15 0.00	82.80 -6.86 1.67	94.28 -7.15 8.00	83.74 -6.15 0.12	66.48 -4.81 0.00	68.57 -4.85 0.00	80.34 -5.27 0.00	78.57 -4.35 0.00
BLUESTONE___WT_PWR 323821	102.43 6.66 0.00	113.22 7.24 0.00	114.87 6.95 0.00	84.62 5.04 0.00	96.93 6.08 0.00	85.16 5.64 0.00	89.07 6.02 0.00	92.49 6.68 0.00	126.61 9.13 0.00	133.78 9.71 0.00	152.79 10.54 0.00	223.90 13.88 0.00	121.84 4.65 0.00	53.63 1.44 0.00	51.21 0.81 0.00	49.15 0.78 0.00	60.18 1.96 0.00	94.27 2.94 0.00	112.17 2.74 0.00	94.10 4.10 0.00	75.44 4.16 0.00	77.38 3.95 0.00	89.58 3.96 0.00	85.49 2.57 0.00
BLUE_CIRC_CHEM_DRP 24182	99.68 3.92 0.00	110.22 4.25 0.00	112.05 4.13 0.00	82.45 2.87 0.00	94.22 3.37 0.00	82.58 3.06 0.00	86.27 3.22 0.00	89.25 3.43 0.00	122.33 4.85 0.00	129.20 5.13 0.00	147.86 5.61 0.00	217.59 7.57 0.00	121.75 4.57 0.00	54.30 2.10 0.00	52.31 1.90 0.00	49.99 1.62 0.00	60.19 1.97 0.00	94.29 2.97 0.00	112.95 3.52 0.00	92.86 2.86 0.00	73.68 2.40 0.00	75.99 2.57 0.00	88.51 2.90 0.00	85.98 3.06 0.00
BOC_GAS_DRP 24189	98.89 3.13 0.00	109.35 3.38 0.00	111.06 3.14 0.00	81.75 2.18 0.00	93.48 2.63 0.00	81.97 2.46 0.00	85.68 2.63 0.00	88.64 2.82 0.00	121.54 4.06 0.00	128.40 4.32 0.00	146.99 4.74 0.00	216.39 6.36 0.00	121.06 3.87 0.00	53.99 1.80 0.00	52.01 1.61 0.00	49.74 1.37 0.00	59.94 1.72 0.00	93.94 2.62 0.00	112.63 3.20 0.00	92.61 2.60 0.00	73.45 2.17 0.00	75.68 2.25 0.00	88.10 2.48 0.00	85.42 2.50 0.00
BOONVILLE_115KV_TB1 79983	98.84 3.08 0.00	109.30 3.34 0.00	111.27 3.35 0.00	82.04 2.47 0.00	93.71 2.86 0.00	82.08 2.57 0.00	85.76 2.71 0.00	88.81 2.99 0.00	121.78 4.29 0.00	128.64 4.57 0.00	147.18 4.93 0.00	217.37 7.35 0.00	121.04 3.85 0.00	53.83 1.63 0.00	51.92 1.52 0.00	49.85 1.49 0.00	60.12 1.90 0.00	94.60 3.27 0.00	113.28 3.84 0.00	92.98 2.98 0.00	73.46 2.18 0.00	75.59 2.17 0.00	87.73 2.11 0.00	84.92 2.00 0.00
BORALEX_4TH_BRANCH 23824	101.93 6.17 0.00	112.97 7.00 0.00	114.64 6.72 0.00	84.27 4.69 0.00	96.43 5.58 0.00	84.65 5.14 0.00	88.65 5.60 0.00	91.60 5.79 0.00	125.65 8.16 0.00	132.76 8.69 0.00	152.27 10.02 0.00	223.27 13.25 0.00	125.20 8.01 0.00	55.90 3.71 0.00	53.93 3.53 0.00	51.73 3.36 0.00	62.36 4.14 0.00	98.01 6.68 0.00	117.61 8.17 0.00	96.52 6.52 0.00	76.45 5.17 0.00	78.64 5.21 0.00	91.26 5.64 0.00	88.18 5.26 0.00
BOWLINE___1 23526	100.73 4.98 0.00	111.13 5.15 0.00	112.41 4.49 0.00	82.85 3.28 0.00	94.87 4.02 0.00	83.51 3.99 0.00	87.54 4.49 0.00	90.82 5.01 0.00	124.66 7.18 0.00	131.72 7.65 0.00	150.41 8.16 0.00	221.52 11.50 0.00	123.95 6.77 0.00	55.46 3.26 0.00	53.40 2.99 0.00	51.26 2.89 0.00	62.12 3.90 0.00	97.79 6.46 0.00	117.30 7.86 0.00	96.64 6.64 0.00	76.43 5.15 0.00	78.37 4.95 0.00	90.79 5.18 0.00	87.57 4.64 0.00
BOWLINE___2 23595	100.73 4.98 0.00	111.14 5.17 0.00	112.44 4.52 0.00	82.85 3.28 0.00	94.88 4.03 0.00	83.51 3.99 0.00	87.55 4.50 0.00	90.84 5.03 0.00	124.67 7.19 0.00	131.75 7.68 0.00	150.41 8.16 0.00	221.53 11.51 0.00	123.96 6.77 0.00	55.46 3.27 0.00	53.40 2.99 0.00	51.26 2.89 0.00	62.12 3.90 0.00	97.79 6.46 0.00	117.32 7.88 0.00	96.64 6.64 0.00	76.43 5.15 0.00	78.37 4.95 0.00	90.84 5.23 0.00	87.57 4.65 0.00
BRADY___115KV_TB2 356060	96.73 0.98 0.00	107.28 1.31 0.00	109.93 2.01 0.00	81.30 1.72 0.00	92.49 1.65 0.00	80.41 0.90 0.00	83.54 0.49 0.00	85.75 -0.06 0.00	117.27 -0.22 0.00	123.43 -0.64 0.00	141.44 -0.81 0.00	209.38 -0.64 0.00	116.53 -0.65 0.00	51.73 -0.47 0.00	49.98 -0.43 0.00	48.13 -0.24 0.00	58.05 -0.17 0.00	91.10 -0.23 0.00	108.82 -0.61 0.00	89.71 -0.29 0.00	71.08 -0.20 0.00	73.75 0.33 0.00	86.65 1.03 0.00	84.13 1.21 0.00
BRANSCOMB___SOLAR 323811	101.60 5.84 0.00	112.31 6.34 0.00	113.98 6.06 0.00	83.87 4.29 0.00	96.00 5.15 0.00	84.28 4.77 0.00	88.27 5.21 0.00	91.50 5.69 0.00	125.66 8.17 0.00	132.85 8.78 0.00	152.16 9.91 0.00	223.66 13.64 0.00	125.12 7.93 0.00	55.78 3.59 0.00	53.84 3.43 0.00	51.63 3.27 0.00	62.31 4.09 0.00	97.90 6.57 0.00	117.28 7.84 0.00	96.24 6.24 0.00	76.15 4.87 0.00	78.31 4.88 0.00	90.85 5.24 0.00	87.78 4.85 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	104.44 8.69 0.00	115.09 9.12 0.00	116.98 9.06 0.00	86.63 7.05 0.00	99.26 8.41 0.00	87.56 8.05 0.00	91.87 8.82 0.00	95.38 9.57 0.00	129.45 11.96 0.00	135.85 11.78 0.00	153.66 11.41 0.00	223.24 14.53 1.31	127.86 10.67 0.00	57.81 5.62 0.00	55.78 5.38 0.00	53.63 5.26 0.00	65.08 6.86 0.00	101.78 10.45 0.00	122.01 12.57 0.00	101.39 11.23 -0.15	80.04 8.75 0.00	81.79 8.37 0.00	94.85 9.23 0.00	91.08 8.16 0.00

BRISTLHL_115KV_TB1 79998	92.95 -2.81 0.00	102.85 -3.12 0.00	104.76 -3.16 0.00	77.26 -2.31 0.00	88.21 -2.64 0.00	77.27 -2.24 0.00	80.69 -2.36 0.00	83.40 -2.42 0.00	114.15 -3.34 0.00	120.53 -3.54 0.00	138.23 -4.02 0.00	203.83 -6.19 0.00	113.63 -3.55 0.00	50.63 -1.56 0.00	48.89 -1.52 0.00	46.98 -1.39 0.00	56.59 -1.63 0.00	88.94 -2.39 0.00	106.57 -2.86 0.00	87.46 -2.54 0.00	69.18 -2.11 0.00	71.17 -2.25 0.00	82.82 -2.80 0.00	80.21 -2.72 0.00
BROOKHAVEN___DRP 24191	104.06 8.31 0.00	115.20 9.23 0.00	116.76 8.84 0.00	86.48 6.91 0.00	99.38 8.53 0.00	87.76 8.25 0.00	92.15 9.10 0.00	95.52 9.70 0.00	128.99 11.50 0.00	135.97 11.89 0.00	154.37 12.12 0.00	223.27 14.61 1.36	127.41 10.22 0.00	57.57 5.38 0.00	55.60 5.19 0.00	53.45 5.08 0.00	65.07 6.85 0.00	101.31 9.98 0.00	121.38 11.94 0.00	101.68 11.53 -0.15	80.22 8.93 0.00	81.95 8.52 0.00	94.73 9.11 0.00	91.01 8.09 0.00
BROOKLYN_NAVY_YARD 23515	101.81 6.05 0.00	112.27 6.30 0.00	113.54 5.62 0.00	83.78 4.20 0.00	95.95 5.10 0.00	84.47 4.96 0.00	88.64 5.59 0.00	92.02 6.21 0.00	126.36 8.88 0.00	133.67 9.59 0.00	152.52 10.27 0.00	225.40 14.55 -0.83	125.80 8.62 0.00	56.37 4.17 0.00	54.23 3.82 0.00	52.07 3.70 0.00	63.11 4.89 0.00	99.40 8.07 0.00	119.25 9.82 0.00	98.22 8.22 0.00	77.69 6.41 0.00	79.68 6.26 0.00	92.33 6.72 0.00	88.94 6.02 0.00
BROOKLYN___ARMY_DRP 323595	103.05 7.29 0.00	113.67 7.70 0.00	114.99 7.07 0.00	84.89 5.31 -0.01	97.24 6.39 -0.01	85.58 6.06 -0.01	89.46 6.40 0.00	100.88 7.19 -7.88	133.35 10.26 -5.60	144.09 10.98 -9.03	154.07 11.82 0.00	226.76 16.74 0.00	126.93 9.73 -0.01	71.53 4.76 -14.58	71.22 4.41 -16.40	71.29 4.27 -18.65	75.32 5.62 -11.47	131.98 9.19 -31.47	177.78 11.15 -57.20	174.72 9.31 -75.41	123.72 7.26 -45.17	105.74 7.10 -25.22	100.08 7.56 -6.90	89.96 6.79 -0.25
BROOKVLE_69_KV_TB1 55790	103.42 7.67 0.00	114.12 8.15 0.00	115.49 7.57 0.00	85.27 5.69 0.00	97.63 6.77 0.00	86.02 6.51 0.00	90.20 7.14 0.00	93.70 7.89 0.00	128.09 10.60 0.00	135.22 11.15 0.00	153.64 11.39 0.00	224.49 15.25 0.78	126.85 9.66 0.00	57.11 4.92 0.00	54.98 4.58 0.00	52.80 4.43 0.00	63.98 5.76 0.00	100.44 9.11 0.00	120.45 11.02 0.00	99.63 9.48 -0.15	78.68 7.40 0.00	80.60 7.17 0.00	93.53 7.91 0.00	90.06 7.13 0.00
BROOME_2_LFGE 323671	96.63 0.43 -0.44	106.33 0.36 0.00	110.27 0.23 -2.12	80.04 0.26 -0.20	91.10 0.25 0.00	79.82 0.31 0.00	83.27 0.22 0.00	86.60 0.25 -0.53	117.56 0.07 0.00	124.19 0.11 0.00	142.43 0.18 0.00	210.36 0.34 0.00	116.92 -0.27 0.00	52.02 -0.17 0.00	50.22 -0.19 0.00	48.31 -0.06 0.00	58.27 0.05 0.00	91.35 0.02 0.00	109.68 0.24 0.00	90.09 0.09 0.00	71.15 -0.13 0.00	73.07 -0.36 0.00	85.03 -0.58 0.00	82.41 -0.51 0.00
BROOME___LFGE 323600	96.63 0.43 -0.44	106.33 0.36 0.00	110.27 0.23 -2.12	80.04 0.26 -0.20	91.10 0.25 0.00	79.82 0.31 0.00	83.27 0.22 0.00	86.60 0.25 -0.53	117.56 0.07 0.00	124.19 0.11 0.00	142.43 0.18 0.00	210.36 0.34 0.00	116.92 -0.27 0.00	52.02 -0.17 0.00	50.22 -0.19 0.00	48.31 -0.06 0.00	58.27 0.05 0.00	91.35 0.02 0.00	109.68 0.24 0.00	90.09 0.09 0.00	71.15 -0.13 0.00	73.07 -0.36 0.00	85.03 -0.58 0.00	82.41 -0.51 0.00
BROWNFLS_115KV_TB_3_5 80003	96.55 0.79 0.00	106.87 0.90 0.00	109.23 1.31 0.00	80.66 1.09 0.00	91.95 1.10 0.00	80.04 0.53 0.00	83.10 0.06 0.00	85.37 -0.44 0.00	116.88 -0.61 0.00	123.31 -0.76 0.00	141.23 -1.02 0.00	208.83 -1.19 0.00	116.19 -1.00 0.00	51.56 -0.64 0.00	49.75 -0.66 0.00	47.76 -0.61 0.00	57.56 -0.66 0.00	90.73 -0.60 0.00	108.39 -1.04 0.00	89.13 -0.88 0.00	70.44 -0.84 0.00	73.17 -0.25 0.00	85.53 -0.09 0.00	83.07 0.15 0.00
BROWNSV1_27_KV_LOAD 356125	103.13 7.37 0.00	113.74 7.77 0.00	114.99 7.07 0.00	84.77 5.19 0.00	97.07 6.22 0.00	85.48 5.97 0.00	89.68 6.62 0.00	93.14 7.33 0.00	127.92 10.43 0.00	135.32 11.25 0.00	154.54 12.29 0.00	227.54 17.51 0.00	127.42 10.24 0.00	57.06 4.87 0.00	54.92 4.51 0.00	52.74 4.37 0.00	63.94 5.72 0.00	100.67 9.34 0.00	120.78 11.35 0.00	99.45 9.45 0.00	78.63 7.35 0.00	80.62 7.19 0.00	93.37 7.76 0.00	89.94 7.02 0.00
BURROWS___LYONSDAL 23803	98.68 2.91 0.00	109.12 3.15 0.00	111.14 3.23 0.00	81.96 2.38 0.00	93.57 2.72 0.00	81.94 2.43 0.00	85.58 2.53 0.00	88.62 2.80 0.00	121.46 3.97 0.00	128.30 4.23 0.00	146.75 4.50 0.00	216.75 6.73 0.00	120.67 3.49 0.00	53.65 1.45 0.00	51.71 1.31 0.00	49.65 1.28 0.00	59.87 1.65 0.00	94.36 3.03 0.00	112.93 3.50 0.00	92.69 2.68 0.00	73.19 1.91 0.00	75.35 1.93 0.00	87.41 1.79 0.00	84.63 1.70 0.00
CAITHNESS_CC_1 323624	103.89 8.12 0.00	114.90 8.93 0.00	116.45 8.53 0.00	86.25 6.67 0.00	99.06 8.20 0.00	87.45 7.93 0.00	91.78 8.73 0.00	95.15 9.33 0.00	128.75 11.26 0.00	135.67 11.60 0.00	154.04 11.79 0.00	222.79 14.12 1.36	127.23 10.05 0.00	57.52 5.32 0.00	55.50 5.10 0.00	53.37 5.00 0.00	64.90 6.68 0.00	101.20 9.87 0.00	121.23 11.79 0.00	101.32 11.17 -0.15	79.95 8.67 0.00	81.67 8.25 0.00	94.46 8.84 0.00	90.76 7.84 0.00
CALPINE BETH_PAGE_GT4 24209	103.27 7.52 0.00	113.95 7.98 0.00	115.52 7.60 0.00	85.42 5.85 0.00	97.78 6.93 0.00	86.18 6.67 0.00	90.35 7.30 0.00	93.58 7.77 0.00	127.41 9.92 0.00	134.39 10.32 0.00	152.66 10.41 0.00	221.67 13.31 1.66	126.29 9.10 0.00	57.00 4.81 0.00	54.92 4.51 0.00	52.80 4.43 0.00	63.99 5.77 0.00	100.23 8.90 0.00	120.19 10.75 0.00	99.65 9.49 -0.15	78.71 7.42 0.00	80.56 7.14 0.00	93.54 7.93 0.00	89.94 7.02 0.00
CALPINE_BETH_PAGE_GT_4 323586	103.28 7.52 0.00	113.98 8.01 0.00	115.50 7.58 0.00	85.42 5.84 0.00	97.78 6.93 0.00	86.18 6.67 0.00	90.35 7.30 0.00	93.58 7.77 0.00	127.41 9.92 0.00	134.39 10.32 0.00	152.64 10.40 0.00	221.57 13.20 1.66	126.29 9.10 0.00	57.02 4.83 0.00	54.92 4.51 0.00	52.80 4.43 0.00	63.99 5.77 0.00	100.23 8.91 0.00	120.16 10.72 0.00	99.65 9.49 -0.15	78.71 7.42 0.00	80.56 7.13 0.00	93.54 7.93 0.00	89.94 7.02 0.00
CALPINE_BP_GT1 23823	103.28 7.52 0.00	113.98 8.01 0.00	115.50 7.58 0.00	85.42 5.84 0.00	97.78 6.93 0.00	86.18 6.67 0.00	90.35 7.30 0.00	93.58 7.77 0.00	127.41 9.92 0.00	134.39 10.32 0.00	152.64 10.40 0.00	221.57 13.20 1.66	126.29 9.10 0.00	57.02 4.83 0.00	54.92 4.51 0.00	52.80 4.43 0.00	63.99 5.77 0.00	100.23 8.91 0.00	120.16 10.72 0.00	99.65 9.49 -0.15	78.71 7.42 0.00	80.56 7.13 0.00	93.54 7.93 0.00	89.94 7.02 0.00
CALSPAN___DRP 24200	91.22 -4.54 0.00	100.53 -5.44 0.00	103.22 -4.70 0.00	76.18 -3.40 0.00	86.57 -4.27 0.00	75.03 -4.49 0.00	77.65 -5.41 0.00	79.09 -6.73 0.00	107.09 -10.40 0.00	113.13 -10.94 0.00	130.61 -11.64 0.00	191.66 -18.36 0.00	105.92 -11.27 0.00	47.13 -5.06 0.00	45.46 -4.95 0.00	43.89 -4.48 0.00	52.77 -5.45 0.00	80.13 -8.44 2.75	86.00 -10.25 13.19	80.72 -9.10 0.19	63.92 -7.36 0.00	66.28 -7.15 0.00	77.78 -7.83 0.00	76.22 -6.71 0.00

CALVERTON___SOLAR 323806	104.33 8.57 0.00	115.57 9.60 0.00	117.13 9.21 0.00	86.76 7.19 0.00	99.77 8.92 0.00	88.12 8.61 0.00	92.54 9.49 0.00	95.91 10.10 0.00	129.37 11.89 0.00	136.38 12.31 0.00	154.88 12.63 0.00	223.56 14.90 1.36	127.71 10.52 0.00	57.72 5.52 0.00	55.71 5.30 0.00	53.57 5.21 0.00	65.25 7.02 0.00	101.47 10.15 0.00	121.51 12.07 0.00	101.99 11.83 -0.15	80.44 9.16 0.00	82.17 8.75 0.00	94.98 9.36 0.00	91.23 8.31 0.00
CANDIGU_WT_PWR 323617	95.52 -2.02 -1.79	103.66 -2.31 0.00	114.41 -2.14 -8.63	79.04 -1.36 -0.83	89.03 -1.82 0.00	77.85 -1.67 0.00	80.92 -2.13 0.00	85.36 -2.63 -2.17	112.83 -4.66 0.00	118.78 -5.29 0.00	136.28 -5.97 0.00	200.33 -9.69 0.00	110.49 -6.69 0.00	49.04 -3.16 0.00	47.43 -2.98 0.00	45.78 -2.59 0.00	55.08 -3.14 0.00	70.15 -5.60 15.57	28.29 -6.55 74.60	83.11 -5.81 1.08	66.74 -4.54 0.00	68.73 -4.70 0.00	80.31 -5.31 0.00	78.24 -4.68 0.00
CARR STREET_E_SYR 24060	94.16 -1.60 0.00	104.07 -1.90 0.00	105.97 -1.95 0.00	78.16 -1.42 0.00	89.22 -1.63 0.00	78.15 -1.36 0.00	81.61 -1.44 0.00	84.35 -1.46 0.00	115.41 -2.08 0.00	121.94 -2.13 0.00	139.78 -2.47 0.00	206.15 -3.87 0.00	114.80 -2.38 0.00	51.15 -1.04 0.00	49.40 -1.01 0.00	47.50 -0.87 0.00	57.23 -0.99 0.00	89.87 -1.46 0.00	107.76 -1.67 0.00	88.45 -1.55 0.00	69.92 -1.37 0.00	71.89 -1.54 0.00	83.68 -1.94 0.00	81.04 -1.88 0.00
CARTHAGE___PAPER 23857	98.78 3.03 0.00	109.17 3.20 0.00	111.34 3.42 0.00	82.19 2.61 0.00	93.82 2.97 0.00	82.00 2.49 0.00	85.57 2.52 0.00	88.53 2.72 0.00	121.30 3.82 0.00	128.08 4.01 0.00	146.40 4.15 0.00	216.46 6.44 0.00	120.35 3.16 0.00	53.37 1.17 0.00	51.45 1.04 0.00	49.33 0.97 0.00	59.64 1.42 0.00	94.52 3.19 0.00	112.85 3.41 0.00	92.58 2.58 0.00	73.00 1.72 0.00	75.21 1.79 0.00	87.05 1.43 0.00	84.36 1.44 0.00
CASSADAGA_WT_PWR 323784	91.07 -2.37 2.32	103.11 -2.86 0.00	94.91 -1.79 11.22	77.20 -1.30 1.08	88.74 -2.11 0.00	76.88 -2.64 0.00	79.72 -3.33 0.00	78.90 -4.09 2.82	110.52 -6.96 0.00	116.49 -7.58 0.00	134.87 -7.38 0.00	197.60 -12.42 0.00	109.16 -8.03 0.00	48.28 -3.91 0.00	46.52 -3.89 0.00	45.06 -3.31 0.00	54.18 -4.05 0.00	83.20 -6.09 2.04	92.36 -7.31 9.77	83.12 -6.74 0.14	66.06 -5.23 0.00	68.11 -5.32 0.00	79.67 -5.95 0.00	78.08 -4.84 0.00
CE_DUNWOOD___DRP 24194	101.87 6.11 0.00	112.37 6.40 0.00	113.67 5.75 0.00	83.78 4.21 0.00	95.91 5.06 0.00	84.43 4.92 0.00	88.52 5.46 0.00	91.86 6.05 0.00	126.06 8.58 0.00	133.25 9.18 0.00	152.19 9.94 0.00	224.05 14.03 0.00	125.43 8.24 0.00	56.12 3.93 0.00	54.06 3.65 0.00	51.90 3.53 0.00	62.89 4.67 0.00	98.93 7.60 0.00	118.71 9.28 0.00	97.77 7.76 0.00	77.34 6.06 0.00	79.30 5.87 0.00	91.88 6.27 0.00	88.56 5.64 0.00
CE_MILLWOOD___DRP 24193	101.65 5.89 0.00	112.13 6.16 0.00	113.43 5.52 0.00	83.58 4.00 0.00	95.72 4.87 0.00	84.23 4.71 0.00	88.30 5.25 0.00	91.65 5.84 0.00	125.76 8.27 0.00	132.94 8.87 0.00	151.83 9.58 0.00	223.50 13.48 0.00	125.12 7.93 0.00	55.99 3.80 0.00	53.91 3.51 0.00	51.76 3.40 0.00	62.71 4.49 0.00	98.69 7.36 0.00	118.38 8.95 0.00	97.50 7.50 0.00	77.13 5.85 0.00	79.09 5.67 0.00	91.65 6.04 0.00	88.35 5.43 0.00
CE_NYC2_DRP 24202	102.51 6.75 0.00	113.06 7.09 0.00	114.37 6.45 0.00	84.35 4.77 -0.01	96.61 5.75 -0.01	85.06 5.54 -0.01	89.13 6.08 0.00	92.64 6.82 0.00	127.23 9.74 0.00	134.53 10.46 0.00	153.60 11.35 0.00	226.03 16.01 0.00	126.52 9.34 0.00	56.69 4.50 0.00	54.56 4.15 0.00	52.41 4.04 0.00	63.51 5.30 0.00	99.97 8.65 0.00	119.92 10.48 0.00	98.77 8.77 0.00	78.13 6.84 0.00	80.11 6.68 -0.01	92.78 7.16 0.00	89.35 6.43 0.00
CE_NYC_DRP 24195	102.17 6.42 0.00	112.64 6.67 0.00	113.91 5.99 0.00	83.97 4.40 0.00	96.17 5.32 0.00	84.70 5.19 0.00	88.84 5.79 0.00	92.27 6.46 0.00	126.68 9.19 0.00	133.95 9.88 0.00	152.97 10.72 0.00	225.21 15.19 0.00	126.11 8.93 0.00	56.49 4.29 0.00	54.37 3.97 0.00	52.21 3.85 0.00	63.27 5.05 0.00	99.61 8.28 0.00	119.47 10.03 0.00	98.40 8.39 0.00	77.83 6.55 0.00	79.80 6.37 0.00	92.41 6.80 0.00	89.03 6.10 0.00
CHAFFEE___LFGE 323603	89.63 -3.75 2.38	101.39 -4.58 0.00	92.63 -3.80 11.49	75.72 -2.75 1.10	87.32 -3.53 0.00	75.75 -3.76 0.00	78.42 -4.64 0.00	77.04 -5.88 2.89	108.24 -9.24 0.00	114.31 -9.76 0.00	132.01 -10.24 0.00	193.87 -16.15 0.00	107.10 -10.08 0.00	47.63 -4.56 0.00	45.96 -4.45 0.00	44.38 -3.99 0.00	53.39 -4.83 0.00	81.71 -7.41 2.21	90.10 -8.77 10.57	81.72 -8.13 0.15	64.64 -6.64 0.00	66.87 -6.56 0.00	78.52 -7.10 0.00	77.02 -5.90 0.00
CHATEAUG_35_KV_LOAD 355732	96.37 0.62 0.00	107.04 1.07 0.00	109.51 1.59 0.00	80.94 1.37 0.00	92.04 1.19 0.00	80.18 0.66 0.00	83.48 0.43 0.00	85.93 0.12 0.00	117.66 0.17 0.00	124.24 0.17 0.00	142.88 0.63 0.00	210.78 0.76 0.00	117.52 0.33 0.00	52.18 -0.01 0.00	50.40 -0.01 0.00	48.37 0.01 0.00	58.12 -0.10 0.00	90.81 -0.51 0.00	107.82 -1.61 0.00	88.87 -1.14 0.00	70.21 -1.07 0.00	72.49 -0.94 0.00	85.12 -0.50 0.00	82.39 -0.53 0.00
CHATEAUG_WT_PWR 323614	96.44 0.68 0.00	107.13 1.16 0.00	109.51 1.59 0.00	80.86 1.28 0.00	92.02 1.17 0.00	80.20 0.69 0.00	83.42 0.37 0.00	85.93 0.12 0.00	117.60 0.12 0.00	124.18 0.11 0.00	142.82 0.57 0.00	210.69 0.67 0.00	117.41 0.22 0.00	52.15 -0.04 0.00	50.36 -0.05 0.00	48.28 -0.09 0.00	58.04 -0.18 0.00	90.65 -0.67 0.00	107.59 -1.84 0.00	88.62 -1.38 0.00	70.00 -1.28 0.00	72.21 -1.22 0.00	84.84 -0.78 0.00	82.08 -0.84 0.00
CHAT_HIGH_FALL_HYD 323578	96.37 0.62 0.00	107.04 1.07 0.00	109.51 1.59 0.00	80.94 1.37 0.00	92.04 1.19 0.00	80.18 0.66 0.00	83.48 0.43 0.00	85.93 0.12 0.00	117.66 0.17 0.00	124.24 0.17 0.00	142.88 0.63 0.00	210.78 0.76 0.00	117.52 0.33 0.00	52.18 -0.01 0.00	50.40 -0.01 0.00	48.37 0.01 0.00	58.12 -0.10 0.00	90.81 -0.51 0.00	107.82 -1.61 0.00	88.87 -1.14 0.00	70.21 -1.07 0.00	72.49 -0.94 0.00	85.12 -0.50 0.00	82.39 -0.53 0.00
CHAUTAUQUA___LFGE 323629	90.15 -3.48 2.12	101.75 -4.22 0.00	94.41 -3.28 10.23	76.24 -2.35 0.98	87.60 -3.25 0.00	75.90 -3.61 0.00	78.65 -4.41 0.00	77.86 -5.38 2.57	108.87 -8.62 0.00	114.89 -9.19 0.00	132.88 -9.37 0.00	194.72 -15.30 0.00	107.50 -9.69 0.00	47.60 -4.59 0.00	45.89 -4.52 0.00	44.40 -3.97 0.00	53.41 -4.80 0.00	81.51 -7.24 2.57	88.49 -8.66 12.29	81.88 -7.95 0.18	64.97 -6.31 0.00	67.11 -6.32 0.00	78.65 -6.96 0.00	77.09 -5.83 0.00
CHERRYST_13_KV_LD 356241	102.43 6.67 0.00	112.91 6.94 0.00	114.24 6.32 0.00	84.19 4.62 0.00	96.43 5.57 0.00	84.92 5.41 0.00	89.09 6.04 0.00	92.53 6.71 0.00	127.03 9.54 0.00	134.36 10.28 0.00	153.41 11.16 0.00	225.86 15.83 0.00	126.50 9.31 0.00	56.64 4.45 0.00	54.54 4.13 0.00	52.37 4.01 0.00	63.47 5.25 0.00	99.90 8.57 0.00	119.81 10.37 0.00	98.67 8.67 0.00	78.05 6.77 0.00	80.02 6.59 0.00	92.67 7.05 0.00	89.25 6.33 0.00

CHESTROR_138KV_BK263 355645	100.81 5.06 0.00	111.23 5.26 0.00	112.58 4.66 0.00	82.99 3.42 0.00	94.98 4.13 0.00	83.51 3.99 0.00	87.46 4.41 0.00	90.73 4.91 0.00	124.49 7.00 0.00	131.57 7.50 0.00	150.37 8.12 0.00	221.52 11.50 0.00	123.84 6.65 0.00	55.34 3.15 0.00	53.35 2.94 0.00	51.22 2.85 0.00	62.01 3.80 0.00	97.58 6.25 0.00	117.08 7.65 0.00	96.39 6.38 0.00	76.23 4.94 0.00	78.21 4.79 0.00	90.69 5.07 0.00	87.46 4.54 0.00
CH_MIDHUDSON___DRP 24192	102.39 6.63 0.00	112.94 6.97 0.00	114.28 6.36 0.00	84.20 4.63 0.00	96.37 5.52 0.00	84.78 5.27 0.00	88.84 5.79 0.00	92.23 6.41 0.00	126.64 9.15 0.00	133.90 9.83 0.00	153.05 10.80 0.00	225.38 15.36 0.00	126.09 8.91 0.00	56.40 4.21 0.00	54.32 3.91 0.00	52.15 3.79 0.00	63.15 4.93 0.00	99.35 8.02 0.00	119.20 9.76 0.00	98.13 8.12 0.00	77.62 6.33 0.00	79.58 6.15 0.00	92.24 6.62 0.00	88.92 5.99 0.00
CH_MISC_IPPS 23765	102.92 7.17 0.00	113.53 7.56 0.00	114.84 6.92 0.00	84.66 5.08 0.00	96.89 6.04 0.00	85.25 5.74 0.00	89.31 6.25 0.00	92.77 6.96 0.00	127.40 9.91 0.00	134.72 10.64 0.00	153.99 11.74 0.00	226.79 16.76 0.00	126.82 9.64 0.00	56.72 4.53 0.00	54.64 4.23 0.00	52.47 4.11 0.00	63.56 5.34 0.00	100.07 8.74 0.00	120.03 10.59 0.00	98.80 8.80 0.00	78.12 6.84 0.00	80.07 6.64 0.00	92.78 7.16 0.00	89.42 6.50 0.00
CH_RES_BVR_FALLS 23983	95.20 -0.56 0.00	105.49 -0.48 0.00	107.73 -0.19 0.00	79.54 -0.03 0.00	90.67 -0.18 0.00	79.16 -0.36 0.00	82.52 -0.53 0.00	85.13 -0.69 0.00	116.44 -1.04 0.00	122.91 -1.16 0.00	141.14 -1.11 0.00	208.81 -1.21 0.00	116.35 -0.84 0.00	51.72 -0.47 0.00	49.99 -0.41 0.00	47.93 -0.43 0.00	57.59 -0.63 0.00	90.23 -1.10 0.00	108.04 -1.40 0.00	89.01 -0.99 0.00	70.53 -0.75 0.00	72.79 -0.64 0.00	85.12 -0.49 0.00	82.52 -0.40 0.00
CH_RES_NIAGARA 23895	87.07 -8.68 0.00	96.01 -9.96 0.00	98.58 -9.34 0.00	72.87 -6.70 0.00	82.78 -8.07 0.00	71.56 -7.96 0.00	73.89 -9.16 0.00	74.99 -10.83 0.00	101.46 -16.02 0.00	107.34 -16.73 0.00	123.91 -18.34 0.00	181.78 -28.24 0.00	100.56 -16.63 0.00	44.73 -7.46 0.00	43.21 -7.20 0.00	41.76 -6.61 0.00	50.16 -8.06 0.00	76.75 -12.48 2.10	84.38 -15.02 10.04	76.69 -13.17 0.15	60.64 -10.64 0.00	63.06 -10.37 0.00	74.27 -11.35 0.00	72.91 -10.01 0.00
CH_RES_SYRACUSE 23985	95.21 -0.54 0.00	105.24 -0.73 0.00	107.25 -0.67 0.00	79.10 -0.48 0.00	90.31 -0.54 0.00	79.06 -0.45 0.00	82.58 -0.47 0.00	85.37 -0.44 0.00	116.82 -0.67 0.00	123.42 -0.65 0.00	141.47 -0.77 0.00	208.66 -1.36 0.00	116.22 -0.97 0.00	51.78 -0.41 0.00	50.02 -0.39 0.00	48.10 -0.26 0.00	57.96 -0.26 0.00	91.05 -0.28 0.00	109.16 -0.28 0.00	89.59 -0.41 0.00	70.82 -0.46 0.00	72.82 -0.61 0.00	84.69 -0.92 0.00	82.02 -0.90 0.00
CLINTON_WT_PWR 323605	96.44 0.68 0.00	107.13 1.16 0.00	109.51 1.59 0.00	80.86 1.28 0.00	92.02 1.17 0.00	80.20 0.69 0.00	83.42 0.37 0.00	85.93 0.12 0.00	117.60 0.12 0.00	124.18 0.11 0.00	142.82 0.57 0.00	210.69 0.67 0.00	117.41 0.22 0.00	52.15 -0.04 0.00	50.36 -0.05 0.00	48.28 -0.09 0.00	58.04 -0.18 0.00	90.65 -0.67 0.00	107.59 -1.84 0.00	88.62 -1.38 0.00	70.00 -1.28 0.00	72.21 -1.22 0.00	84.84 -0.78 0.00	82.08 -0.84 0.00
CLINTON___LFGE 323618	98.34 2.58 0.00	109.13 3.16 0.00	111.66 3.74 0.00	82.34 2.76 0.00	93.59 2.74 0.00	81.51 2.00 0.00	84.74 1.69 0.00	87.20 1.39 0.00	119.53 2.05 0.00	126.32 2.25 0.00	145.37 3.12 0.00	214.11 4.09 0.00	119.35 2.17 0.00	53.06 0.86 0.00	51.23 0.82 0.00	49.10 0.74 0.00	59.15 0.93 0.00	92.43 1.11 0.00	109.65 0.21 0.00	90.39 0.39 0.00	71.23 -0.05 0.00	73.39 -0.03 0.00	86.10 0.49 0.00	83.25 0.32 0.00
COBBLENY_34_KV_TB1 80064	92.01 -3.75 0.00	101.39 -4.58 0.00	104.11 -3.80 0.00	76.83 -2.75 0.00	87.32 -3.53 0.00	75.76 -3.75 0.00	78.40 -4.65 0.00	79.94 -5.87 0.00	108.21 -9.28 0.00	114.30 -9.77 0.00	131.98 -10.27 0.00	193.77 -16.25 0.00	107.10 -10.09 0.00	47.64 -4.55 0.00	45.96 -4.45 0.00	44.37 -4.00 0.00	53.36 -4.86 0.00	81.64 -7.48 2.21	89.81 -9.05 10.57	81.73 -8.12 0.15	64.65 -6.63 0.00	66.98 -6.44 0.00	78.53 -7.08 0.00	77.03 -5.89 0.00
COFFEEN___115KV_TB3 355620	98.78 3.02 0.00	109.12 3.14 0.00	111.25 3.33 0.00	82.10 2.53 0.00	93.75 2.90 0.00	82.03 2.51 0.00	85.72 2.67 0.00	88.87 3.06 0.00	121.78 4.29 0.00	128.59 4.52 0.00	147.05 4.80 0.00	217.24 7.22 0.00	120.80 3.61 0.00	53.54 1.35 0.00	51.56 1.15 0.00	49.43 1.07 0.00	59.90 1.68 0.00	95.15 3.82 0.00	113.58 4.15 0.00	93.07 3.07 0.00	73.36 2.08 0.00	75.42 1.99 0.00	87.02 1.41 0.00	84.24 1.32 0.00
COLDSPRG_115KV_BK1 355956	95.19 -0.57 0.00	105.03 -0.94 0.00	107.81 -0.11 0.00	79.46 -0.12 0.00	90.25 -0.60 0.00	78.44 -1.07 0.00	81.25 -1.80 0.00	82.99 -2.82 0.00	112.61 -4.88 0.00	118.87 -5.20 0.00	137.60 -4.65 0.00	202.21 -7.81 0.00	111.95 -5.24 0.00	49.73 -2.46 0.00	47.97 -2.43 0.00	46.37 -1.99 0.00	55.73 -2.50 0.00	86.03 -4.09 1.21	98.51 -5.13 5.80	85.25 -4.67 0.08	67.47 -3.81 0.00	69.56 -3.86 0.00	81.38 -4.24 0.00	79.68 -3.24 0.00
COLONIE_LFGE___ 323577	100.43 4.68 0.00	111.09 5.12 0.00	112.80 4.89 0.00	82.95 3.37 0.00	94.90 4.05 0.00	83.26 3.74 0.00	87.13 4.08 0.00	90.11 4.29 0.00	123.67 6.18 0.00	130.66 6.59 0.00	149.71 7.46 0.00	220.01 9.99 0.00	123.22 6.03 0.00	54.98 2.79 0.00	53.02 2.61 0.00	50.78 2.41 0.00	61.22 2.99 0.00	96.12 4.79 0.00	115.19 5.75 0.00	94.62 4.62 0.00	74.98 3.70 0.00	77.19 3.77 0.00	89.66 4.04 0.00	86.78 3.86 0.00
COOPERNY_115KV_TB1 80082	99.45 3.69 0.00	109.83 3.85 0.00	111.28 3.37 0.00	82.10 2.52 0.00	93.89 3.04 0.00	82.40 2.88 0.00	86.23 3.18 0.00	89.37 3.55 0.00	122.53 5.05 0.00	129.51 5.43 0.00	148.10 5.85 0.00	218.33 8.31 0.00	121.96 4.78 0.00	54.45 2.26 0.00	52.50 2.09 0.00	50.42 2.05 0.00	60.96 2.75 0.00	95.84 4.51 0.00	115.00 5.56 0.00	94.63 4.63 0.00	74.86 3.58 0.00	76.83 3.41 0.00	89.20 3.59 0.00	86.10 3.18 0.00
COPENHAGEN_WT_PWR 323753	97.76 2.01 0.00	108.03 2.06 0.00	110.17 2.24 0.00	81.29 1.72 0.00	92.82 1.97 0.00	81.17 1.65 0.00	84.77 1.72 0.00	87.84 2.03 0.00	120.30 2.82 0.00	127.01 2.94 0.00	145.33 3.08 0.00	214.73 4.71 0.00	119.41 2.22 0.00	52.96 0.76 0.00	51.00 0.60 0.00	48.82 0.45 0.00	59.05 0.82 0.00	93.79 2.47 0.00	111.90 2.47 0.00	91.73 1.72 0.00	72.33 1.05 0.00	74.36 0.93 0.00	85.77 0.16 0.00	83.18 0.26 0.00
CORNELL_____ 23752	97.91 2.15 0.00	108.21 2.24 0.00	110.12 2.20 0.00	81.28 1.70 0.00	92.77 1.92 0.00	81.29 1.77 0.00	84.91 1.86 0.00	87.93 2.11 0.00	120.30 2.82 0.00	127.08 3.01 0.00	145.60 3.35 0.00	214.66 4.64 0.00	119.24 2.05 0.00	53.03 0.84 0.00	51.17 0.76 0.00	49.27 0.91 0.00	59.50 1.28 0.00	93.42 2.10 0.00	112.10 2.67 0.00	92.07 2.07 0.00	72.76 1.47 0.00	74.68 1.25 0.00	86.75 1.13 0.00	83.96 1.04 0.00

CORONA__69_KV_TB1 355595	103.49 7.73 0.00	114.12 8.15 0.00	115.62 7.70 0.00	85.39 5.81 0.00	97.76 6.91 0.00	86.16 6.64 0.00	90.29 7.24 0.00	93.67 7.85 0.00	128.05 10.56 0.00	135.08 11.01 0.00	153.71 11.46 0.00	226.50 14.86 -1.62	127.15 9.96 0.00	57.23 5.03 0.00	55.10 4.69 0.00	52.99 4.62 0.00	64.20 5.97 0.00	100.69 9.36 0.00	120.72 11.29 0.00	99.98 9.82 -0.15	78.96 7.67 0.00	80.81 7.38 0.00	93.56 7.94 0.00	90.04 7.12 0.00
CORTLAND__115KV_TB3 80093	96.94 1.18 0.00	107.15 1.18 0.00	108.99 1.07 0.00	80.43 0.86 0.00	91.80 0.95 0.00	80.47 0.96 0.00	84.05 1.00 0.00	86.97 1.16 0.00	119.00 1.52 0.00	125.72 1.65 0.00	144.00 1.75 0.00	212.51 2.50 0.00	118.22 1.03 0.00	52.62 0.43 0.00	50.79 0.38 0.00	48.87 0.51 0.00	58.96 0.74 0.00	92.49 1.16 0.00	110.96 1.53 0.00	91.11 1.11 0.00	71.98 0.69 0.00	73.93 0.51 0.00	85.94 0.33 0.00	83.21 0.29 0.00
COXSACKIE__GT 23611	104.57 8.82 0.00	115.50 9.53 0.00	117.36 9.44 0.00	86.31 6.73 0.00	98.65 7.80 0.00	86.38 6.86 0.00	90.21 7.16 0.00	93.78 7.97 0.00	129.15 11.67 0.00	136.58 12.51 0.00	156.60 14.35 0.00	230.00 19.97 0.00	128.44 11.25 0.00	57.23 5.04 0.00	55.13 4.72 0.00	52.68 4.31 0.00	63.59 5.37 0.00	99.87 8.54 0.00	119.55 10.11 0.00	97.83 7.83 0.00	77.50 6.21 0.00	79.85 6.42 0.00	92.80 7.18 0.00	90.24 7.31 0.00
CPV_VALLEY__CC1 323721	99.98 4.23 0.00	110.37 4.40 0.00	111.70 3.78 0.00	82.43 2.85 0.00	94.29 3.44 0.00	82.77 3.26 0.00	86.66 3.61 0.00	89.88 4.07 0.00	123.30 5.82 0.00	130.31 6.24 0.00	148.95 6.71 0.00	219.57 9.54 0.00	122.76 5.58 0.00	54.84 2.65 0.00	52.85 2.44 0.00	50.74 2.38 0.00	61.40 3.17 0.00	96.59 5.26 0.00	115.86 6.42 0.00	95.40 5.39 0.00	75.46 4.18 0.00	77.42 3.99 0.00	89.80 4.18 0.00	86.64 3.72 0.00
CPV_VALLEY__CC2 323722	99.98 4.23 0.00	110.37 4.40 0.00	111.70 3.78 0.00	82.43 2.85 0.00	94.29 3.44 0.00	82.77 3.26 0.00	86.66 3.61 0.00	89.88 4.07 0.00	123.30 5.82 0.00	130.31 6.24 0.00	148.95 6.71 0.00	219.57 9.54 0.00	122.76 5.58 0.00	54.84 2.65 0.00	52.85 2.44 0.00	50.74 2.38 0.00	61.40 3.17 0.00	96.59 5.26 0.00	115.86 6.42 0.00	95.40 5.39 0.00	75.46 4.18 0.00	77.42 3.99 0.00	89.80 4.18 0.00	86.64 3.72 0.00
CRESCENT__HYD 24018	100.43 4.68 0.00	111.09 5.12 0.00	112.80 4.89 0.00	82.95 3.37 0.00	94.90 4.05 0.00	83.26 3.74 0.00	87.13 4.08 0.00	90.11 4.29 0.00	123.67 6.18 0.00	130.66 6.59 0.00	149.71 7.46 0.00	220.01 9.99 0.00	123.22 6.03 0.00	54.98 2.79 0.00	53.02 2.61 0.00	50.78 2.41 0.00	61.22 2.99 0.00	96.12 4.79 0.00	115.19 5.75 0.00	94.62 4.62 0.00	74.98 3.70 0.00	77.19 3.77 0.00	89.66 4.04 0.00	86.78 3.86 0.00
CRICKET__VALLEY_CC1 323756	101.66 5.90 0.00	112.17 6.20 0.00	113.45 5.53 0.00	83.55 3.98 0.00	95.61 4.76 0.00	84.09 4.58 0.00	88.08 5.03 0.00	91.40 5.59 0.00	125.42 7.93 0.00	132.61 8.54 0.00	151.58 9.33 0.00	223.22 13.20 0.00	125.05 7.86 0.00	55.92 3.73 0.00	53.85 3.44 0.00	51.70 3.33 0.00	62.50 4.28 0.00	98.22 6.89 0.00	117.79 8.36 0.00	97.03 7.03 0.00	76.79 5.51 0.00	78.82 5.40 0.00	91.42 5.81 0.00	88.21 5.29 0.00
CRICKET__VALLEY_CC2 323757	101.66 5.90 0.00	112.17 6.20 0.00	113.45 5.53 0.00	83.55 3.98 0.00	95.61 4.76 0.00	84.09 4.58 0.00	88.08 5.03 0.00	91.40 5.59 0.00	125.42 7.93 0.00	132.61 8.54 0.00	151.58 9.33 0.00	223.22 13.20 0.00	125.05 7.86 0.00	55.92 3.73 0.00	53.85 3.44 0.00	51.70 3.33 0.00	62.50 4.28 0.00	98.22 6.89 0.00	117.79 8.36 0.00	97.03 7.03 0.00	76.79 5.51 0.00	78.82 5.40 0.00	91.42 5.81 0.00	88.21 5.29 0.00
CRICKET__VALLEY_CC3 323758	101.66 5.90 0.00	112.17 6.20 0.00	113.45 5.53 0.00	83.55 3.98 0.00	95.61 4.76 0.00	84.09 4.58 0.00	88.08 5.03 0.00	91.40 5.59 0.00	125.42 7.93 0.00	132.61 8.54 0.00	151.58 9.33 0.00	223.22 13.20 0.00	125.05 7.86 0.00	55.92 3.73 0.00	53.85 3.44 0.00	51.70 3.33 0.00	62.50 4.28 0.00	98.22 6.89 0.00	117.79 8.36 0.00	97.03 7.03 0.00	76.79 5.51 0.00	78.82 5.40 0.00	91.42 5.81 0.00	88.21 5.29 0.00
CRUCIBLE__METL_DRP 24180	95.21 -0.55 0.00	105.23 -0.74 0.00	107.24 -0.67 0.00	79.10 -0.48 0.00	90.31 -0.55 0.00	79.05 -0.46 0.00	82.59 -0.46 0.00	85.37 -0.45 0.00	116.81 -0.67 0.00	123.42 -0.65 0.00	141.47 -0.78 0.00	208.62 -1.40 0.00	116.22 -0.96 0.00	51.78 -0.41 0.00	50.02 -0.39 0.00	48.10 -0.27 0.00	57.96 -0.27 0.00	91.04 -0.29 0.00	109.16 -0.28 0.00	89.59 -0.41 0.00	70.82 -0.46 0.00	72.83 -0.59 0.00	84.69 -0.92 0.00	82.02 -0.90 0.00
DAHOWA__HYDRO 323763	102.02 6.26 0.00	112.74 6.77 0.00	114.42 6.50 0.00	84.20 4.62 0.00	96.38 5.53 0.00	84.63 5.11 0.00	88.67 5.62 0.00	92.01 6.20 0.00	126.39 8.91 0.00	133.71 9.64 0.00	153.10 10.85 0.00	225.07 15.05 0.00	125.87 8.69 0.00	56.12 3.92 0.00	54.17 3.76 0.00	51.94 3.58 0.00	62.70 4.48 0.00	98.52 7.20 0.00	118.00 8.57 0.00	96.81 6.80 0.00	76.56 5.28 0.00	78.70 5.27 0.00	91.26 5.65 0.00	88.13 5.20 0.00
DANC__LFGE 323619	95.99 0.23 0.00	106.15 0.18 0.00	108.20 0.28 0.00	79.81 0.24 0.00	91.12 0.27 0.00	79.70 0.18 0.00	83.19 0.14 0.00	86.15 0.34 0.00	117.97 0.48 0.00	124.60 0.53 0.00	142.76 0.51 0.00	210.88 0.86 0.00	117.37 0.18 0.00	52.14 -0.06 0.00	50.26 -0.15 0.00	48.18 -0.19 0.00	58.12 -0.10 0.00	91.95 0.63 0.00	109.89 0.46 0.00	90.14 0.13 0.00	71.19 -0.09 0.00	73.25 -0.18 0.00	84.77 -0.84 0.00	82.14 -0.78 0.00
DANSKAMMER__1 23586	102.92 7.17 0.00	113.53 7.56 0.00	114.84 6.92 0.00	84.66 5.08 0.00	96.89 6.04 0.00	85.25 5.74 0.00	89.31 6.25 0.00	92.77 6.96 0.00	127.40 9.91 0.00	134.72 10.64 0.00	153.99 11.74 0.00	226.79 16.76 0.00	126.82 9.64 0.00	56.72 4.53 0.00	54.64 4.23 0.00	52.47 4.11 0.00	63.56 5.34 0.00	100.07 8.74 0.00	120.03 10.59 0.00	98.80 8.80 0.00	78.12 6.84 0.00	80.07 6.64 0.00	92.78 7.16 0.00	89.42 6.50 0.00
DANSKAMMER__2 23589	102.92 7.17 0.00	113.53 7.56 0.00	114.84 6.92 0.00	84.66 5.08 0.00	96.89 6.04 0.00	85.25 5.74 0.00	89.31 6.25 0.00	92.77 6.96 0.00	127.40 9.91 0.00	134.72 10.64 0.00	153.99 11.74 0.00	226.79 16.76 0.00	126.82 9.64 0.00	56.72 4.53 0.00	54.64 4.23 0.00	52.47 4.11 0.00	63.56 5.34 0.00	100.07 8.74 0.00	120.03 10.59 0.00	98.80 8.80 0.00	78.12 6.84 0.00	80.07 6.64 0.00	92.78 7.16 0.00	89.42 6.50 0.00
DANSKAMMER__3 23590	102.92 7.17 0.00	113.53 7.56 0.00	114.84 6.92 0.00	84.66 5.08 0.00	96.89 6.04 0.00	85.25 5.74 0.00	89.31 6.25 0.00	92.77 6.96 0.00	127.40 9.91 0.00	134.72 10.64 0.00	153.99 11.74 0.00	226.79 16.76 0.00	126.82 9.64 0.00	56.72 4.53 0.00	54.64 4.23 0.00	52.47 4.11 0.00	63.56 5.34 0.00	100.07 8.74 0.00	120.03 10.59 0.00	98.80 8.80 0.00	78.12 6.84 0.00	80.07 6.64 0.00	92.78 7.16 0.00	89.42 6.50 0.00

DANSKAMMER___4 23591	102.92 7.17 0.00	113.53 7.56 0.00	114.84 6.92 0.00	84.66 5.08 0.00	96.89 6.04 0.00	85.25 5.74 0.00	89.31 6.25 0.00	92.77 6.96 0.00	127.40 9.91 0.00	134.72 10.64 0.00	153.99 11.74 0.00	226.79 16.76 0.00	126.82 9.64 0.00	56.72 4.53 0.00	54.64 4.23 0.00	52.47 4.11 0.00	63.56 5.34 0.00	100.07 8.74 0.00	120.03 10.59 0.00	98.80 8.80 0.00	78.12 6.84 0.00	80.07 6.64 0.00	92.78 7.16 0.00	89.42 6.50 0.00
DANSKAMMER___DIESEL 23592	102.92 7.17 0.00	113.53 7.55 0.00	114.85 6.93 0.00	84.66 5.08 0.00	96.88 6.03 0.00	85.25 5.73 0.00	89.30 6.25 0.00	92.78 6.96 0.00	127.40 9.92 0.00	134.72 10.65 0.00	154.00 11.76 0.00	226.75 16.73 0.00	126.82 9.64 0.00	56.71 4.52 0.00	54.64 4.23 0.00	52.47 4.11 0.00	63.56 5.34 0.00	100.06 8.74 0.00	120.05 10.61 0.00	98.80 8.80 0.00	78.12 6.84 0.00	80.07 6.64 0.00	92.78 7.17 0.00	89.42 6.50 0.00
DARBY___SOLAR 323810	101.63 5.87 0.00	112.32 6.35 0.00	114.00 6.08 0.00	83.90 4.32 0.00	96.02 5.17 0.00	84.31 4.79 0.00	88.31 5.26 0.00	91.58 5.76 0.00	125.74 8.25 0.00	132.97 8.90 0.00	152.31 10.06 0.00	223.86 13.84 0.00	125.23 8.04 0.00	55.84 3.64 0.00	53.89 3.48 0.00	51.68 3.31 0.00	62.37 4.15 0.00	97.98 6.65 0.00	117.35 7.92 0.00	96.31 6.31 0.00	76.20 4.92 0.00	78.34 4.92 0.00	90.89 5.27 0.00	87.81 4.89 0.00
DASHVILLE___HYD 23610	104.95 9.20 0.00	115.66 9.69 0.00	116.95 9.03 0.00	86.21 6.63 0.00	98.69 7.84 0.00	86.80 7.29 0.00	91.04 7.99 0.00	94.75 8.94 0.00	130.29 12.81 0.00	137.90 13.83 0.00	157.73 15.48 0.00	232.26 22.24 0.00	129.79 12.60 0.00	58.03 5.84 0.00	55.91 5.50 0.00	53.74 5.37 0.00	65.18 6.96 0.00	102.79 11.46 0.00	123.34 13.90 0.00	101.40 11.39 0.00	80.08 8.80 0.00	81.98 8.56 0.00	94.86 9.25 0.00	91.34 8.41 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	106.00 10.24 0.00	117.49 11.52 0.00	119.10 11.18 0.00	88.21 8.64 0.00	101.16 10.31 0.00	89.49 9.97 0.00	94.19 11.14 0.00	97.64 11.82 0.00	131.68 14.19 0.00	138.83 14.76 0.00	157.67 15.43 0.00	227.13 18.46 1.36	129.58 12.39 0.00	58.43 6.23 0.00	56.47 6.06 0.00	54.30 5.93 0.00	65.85 7.64 0.00	101.89 10.56 0.00	121.66 12.23 0.00	102.20 12.04 -0.15	80.56 9.28 0.00	82.26 8.83 0.00	95.02 9.40 0.00	91.22 8.30 0.00
DELAWARE___LFGE 323621	99.43 3.67 0.00	109.85 3.88 0.00	111.58 3.66 0.00	82.27 2.69 0.00	94.03 3.18 0.00	82.47 2.96 0.00	86.20 3.15 0.00	89.33 3.51 0.00	122.37 4.88 0.00	129.23 5.16 0.00	147.92 5.67 0.00	218.10 8.08 0.00	121.48 4.29 0.00	54.12 1.93 0.00	52.19 1.78 0.00	50.15 1.78 0.00	60.56 2.34 0.00	95.08 3.75 0.00	114.01 4.58 0.00	93.87 3.86 0.00	74.29 3.01 0.00	76.27 2.84 0.00	88.58 2.96 0.00	85.55 2.63 0.00
DERFIELD_115KV_TB7 355931	96.46 0.71 0.00	106.71 0.74 0.00	108.51 0.59 0.00	79.97 0.40 0.00	91.39 0.54 0.00	80.07 0.56 0.00	83.66 0.61 0.00	86.45 0.64 0.00	118.43 0.94 0.00	125.10 1.03 0.00	143.39 1.14 0.00	211.54 1.52 0.00	118.12 0.94 0.00	52.62 0.42 0.00	50.80 0.39 0.00	48.71 0.34 0.00	58.63 0.41 0.00	92.00 0.67 0.00	110.31 0.88 0.00	90.71 0.71 0.00	71.82 0.54 0.00	73.91 0.49 0.00	86.15 0.53 0.00	83.42 0.50 0.00
DOGLEVILLE___HYD 23807	99.45 3.69 0.00	110.12 4.15 0.00	111.28 3.36 0.00	81.96 2.38 0.00	93.88 3.03 0.00	82.60 3.09 0.00	86.57 3.52 0.00	89.98 4.17 0.00	123.55 6.06 0.00	130.70 6.63 0.00	149.09 6.84 0.00	218.55 8.53 0.00	121.86 4.67 0.00	54.38 2.19 0.00	52.36 1.96 0.00	50.10 1.73 0.00	60.70 2.48 0.00	95.29 3.96 0.00	114.25 4.81 0.00	94.07 4.06 0.00	74.57 3.28 0.00	76.39 2.96 0.00	88.80 3.19 0.00	85.71 2.79 0.00
DUNKIRK___115KV_TB_200 55889	92.13 -3.63 0.00	101.59 -4.38 0.00	104.44 -3.48 0.00	77.06 -2.52 0.00	87.47 -3.39 0.00	75.78 -3.73 0.00	78.51 -4.54 0.00	80.26 -5.56 0.00	108.60 -8.88 0.00	114.66 -9.41 0.00	132.58 -9.66 0.00	194.23 -15.79 0.00	107.26 -9.92 0.00	47.53 -4.66 0.00	45.82 -4.59 0.00	44.31 -4.06 0.00	53.31 -4.91 0.00	81.24 -7.47 2.62	87.79 -9.11 12.53	81.72 -8.10 0.18	64.83 -6.45 0.00	67.09 -6.34 0.00	78.54 -7.08 0.00	76.96 -5.96 0.00
DUNKIRK___1 23563	92.13 -3.63 0.00	101.59 -4.38 0.00	104.44 -3.48 0.00	77.06 -2.52 0.00	87.47 -3.39 0.00	75.78 -3.73 0.00	78.51 -4.54 0.00	80.26 -5.56 0.00	108.60 -8.88 0.00	114.66 -9.41 0.00	132.58 -9.66 0.00	194.23 -15.79 0.00	107.26 -9.92 0.00	47.53 -4.66 0.00	45.82 -4.59 0.00	44.31 -4.06 0.00	53.31 -4.91 0.00	81.24 -7.47 2.62	87.79 -9.11 12.53	81.72 -8.10 0.18	64.83 -6.45 0.00	67.09 -6.34 0.00	78.54 -7.08 0.00	76.96 -5.96 0.00
DUNKIRK___2 23564	92.13 -3.63 0.00	101.59 -4.38 0.00	104.44 -3.48 0.00	77.06 -2.52 0.00	87.47 -3.39 0.00	75.78 -3.73 0.00	78.51 -4.54 0.00	80.26 -5.56 0.00	108.60 -8.88 0.00	114.66 -9.41 0.00	132.58 -9.66 0.00	194.23 -15.79 0.00	107.26 -9.92 0.00	47.53 -4.66 0.00	45.82 -4.59 0.00	44.31 -4.06 0.00	53.31 -4.91 0.00	81.24 -7.47 2.62	87.79 -9.11 12.53	81.72 -8.10 0.18	64.83 -6.45 0.00	67.09 -6.34 0.00	78.54 -7.08 0.00	76.96 -5.96 0.00
DUNKIRK___3 23565	91.81 -3.95 0.00	101.20 -4.77 0.00	103.96 -3.97 0.00	76.74 -2.84 0.00	87.14 -3.71 0.00	75.52 -3.99 0.00	78.20 -4.84 0.00	79.82 -5.99 0.00	108.05 -9.44 0.00	114.08 -9.99 0.00	131.84 -10.41 0.00	193.25 -16.77 0.00	106.77 -10.41 0.00	47.38 -4.81 0.00	45.68 -4.73 0.00	44.16 -4.20 0.00	53.13 -5.10 0.00	80.61 -7.83 2.89	86.08 -9.53 13.82	81.32 -8.49 0.20	64.50 -6.78 0.00	66.79 -6.64 0.00	78.23 -7.38 0.00	76.68 -6.24 0.00
DUNKIRK___4 23566	91.81 -3.95 0.00	101.20 -4.77 0.00	103.96 -3.97 0.00	76.74 -2.84 0.00	87.14 -3.71 0.00	75.52 -3.99 0.00	78.20 -4.84 0.00	79.82 -5.99 0.00	108.05 -9.44 0.00	114.08 -9.99 0.00	131.84 -10.41 0.00	193.25 -16.77 0.00	106.77 -10.41 0.00	47.38 -4.81 0.00	45.68 -4.73 0.00	44.16 -4.20 0.00	53.13 -5.10 0.00	80.61 -7.83 2.89	86.08 -9.53 13.82	81.32 -8.49 0.20	64.50 -6.78 0.00	66.79 -6.64 0.00	78.23 -7.38 0.00	76.68 -6.24 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	102.13 6.37 0.00	112.62 6.65 0.00	113.93 6.01 0.00	83.96 4.38 0.00	96.13 5.28 0.00	84.62 5.11 0.00	88.72 5.67 0.00	92.08 6.27 0.00	126.36 8.88 0.00	133.59 9.52 0.00	152.55 10.30 0.00	224.55 14.53 0.00	125.73 8.54 0.00	56.28 4.09 0.00	54.19 3.78 0.00	52.04 3.67 0.00	63.04 4.82 0.00	99.20 7.88 0.00	119.03 9.60 0.00	98.04 8.03 0.00	77.55 6.27 0.00	79.51 6.08 0.00	92.13 6.52 0.00	88.81 5.88 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	102.01 6.25 0.00	112.52 6.55 0.00	113.83 5.91 0.00	83.90 4.33 0.00	96.05 5.20 0.00	84.46 4.95 0.00	88.51 5.46 0.00	91.89 6.08 0.00	126.15 8.66 0.00	133.37 9.30 0.00	152.48 10.24 0.00	224.61 14.59 0.00	125.56 8.38 0.00	56.13 3.93 0.00	54.07 3.67 0.00	51.94 3.58 0.00	62.92 4.70 0.00	99.08 7.75 0.00	118.91 9.47 0.00	97.85 7.84 0.00	77.36 6.08 0.00	79.32 5.90 0.00	91.90 6.29 0.00	88.58 5.66 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	102.14 6.38 0.00	112.67 6.70 0.00	113.99 6.07 0.00	84.10 4.52 -0.01	96.27 5.42 -0.01	84.77 5.25 -0.01	88.87 5.82 0.00	92.33 6.52 0.00	126.76 9.28 0.00	134.01 9.93 0.00	152.92 10.68 0.00	225.00 14.98 0.00	125.96 8.78 0.00	56.44 4.25 0.00	54.31 3.90 0.00	52.18 3.81 0.00	63.25 5.02 0.00	99.53 8.20 0.00	119.40 9.97 0.00	98.34 8.34 0.00	77.82 6.54 0.00	79.77 6.34 -0.01	92.39 6.77 0.00	89.03 6.11 0.00
E179THST_13_KV_LOAD 356214	102.62 6.86 0.00	113.15 7.18 0.00	114.46 6.54 0.00	84.43 4.85 -0.01	96.66 5.81 -0.01	85.11 5.59 -0.01	89.21 6.15 0.00	92.69 6.88 0.00	127.31 9.82 0.00	134.60 10.53 0.00	153.67 11.42 0.00	226.09 16.07 0.00	126.59 9.40 0.00	56.71 4.51 0.00	54.57 4.16 0.00	52.43 4.06 0.00	63.57 5.34 0.00	100.02 8.70 0.00	120.02 10.58 0.00	98.85 8.84 0.00	78.18 6.90 0.00	80.14 6.71 -0.01	92.84 7.23 0.00	89.44 6.51 0.00
EAST HAMPTON___GT 23717	107.29 11.53 0.00	118.86 12.89 0.00	120.50 12.58 0.00	89.28 9.71 0.00	101.93 11.08 0.00	90.31 10.80 0.00	95.33 12.28 0.00	98.82 13.00 0.00	133.38 15.90 0.00	140.70 16.62 0.00	159.86 17.61 0.00	228.93 20.27 1.36	130.76 13.58 0.00	58.85 6.65 0.00	56.91 6.51 0.00	54.72 6.36 0.00	65.87 7.65 0.00	101.22 9.89 0.00	120.43 11.00 0.00	101.12 10.97 -0.15	79.68 8.40 0.00	81.36 7.93 0.00	93.90 8.28 0.00	90.09 7.17 0.00
EAST RIVER___6 23660	102.10 6.34 0.00	112.58 6.61 0.00	113.85 5.93 0.00	83.92 4.35 0.00	96.14 5.29 0.00	84.69 5.18 0.00	88.84 5.79 0.00	92.24 6.42 0.00	126.66 9.17 0.00	133.92 9.85 0.00	152.88 10.64 0.00	225.06 15.04 0.00	126.15 8.96 0.00	56.56 4.37 0.00	54.43 4.03 0.00	52.26 3.90 0.00	63.35 5.13 0.00	99.67 8.34 0.00	119.41 9.98 0.00	98.47 8.47 0.00	77.90 6.62 0.00	79.85 6.42 0.00	92.43 6.81 0.00	89.03 6.11 0.00
EAST RIVER___7 23524	102.10 6.34 0.00	112.58 6.61 0.00	113.85 5.93 0.00	83.92 4.35 0.00	96.14 5.29 0.00	84.69 5.18 0.00	88.84 5.79 0.00	92.24 6.42 0.00	126.66 9.17 0.00	133.92 9.85 0.00	152.88 10.64 0.00	225.06 15.04 0.00	126.15 8.96 0.00	56.56 4.37 0.00	54.43 4.03 0.00	52.26 3.90 0.00	63.35 5.13 0.00	99.67 8.34 0.00	119.41 9.98 0.00	98.47 8.47 0.00	77.90 6.62 0.00	79.85 6.42 0.00	92.43 6.81 0.00	89.03 6.11 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	101.87 6.11 0.00	112.37 6.40 0.00	113.67 5.75 0.00	83.78 4.21 0.00	95.91 5.06 0.00	84.43 4.92 0.00	88.52 5.46 0.00	91.86 6.05 0.00	126.06 8.58 0.00	133.25 9.18 0.00	152.19 9.94 0.00	224.05 14.03 0.00	125.43 8.24 0.00	56.12 3.93 0.00	54.06 3.65 0.00	51.90 3.53 0.00	62.89 4.67 0.00	98.93 7.60 0.00	118.71 9.28 0.00	97.77 7.76 0.00	77.34 6.06 0.00	79.30 5.87 0.00	91.88 6.27 0.00	88.56 5.64 0.00
EAST_HAMPTON___DIESEL 23722	107.30 11.54 0.00	118.87 12.90 0.00	120.55 12.63 0.00	89.31 9.74 0.00	101.90 11.05 0.00	90.30 10.78 0.00	95.37 12.32 0.00	98.85 13.04 0.00	133.40 15.92 0.00	140.73 16.66 0.00	159.91 17.66 0.00	229.00 20.33 1.36	130.74 13.55 0.00	58.81 6.62 0.00	56.89 6.49 0.00	54.69 6.33 0.00	65.77 7.55 0.00	101.00 9.67 0.00	120.09 10.66 0.00	100.85 10.70 -0.15	79.47 8.18 0.00	81.14 7.71 0.00	93.63 8.02 0.00	89.83 6.91 0.00
EAST_POINT___SOLAR 323840	102.98 7.22 0.00	113.53 7.56 0.00	115.75 7.83 0.00	85.32 5.75 0.00	97.36 6.51 0.00	85.36 5.84 0.00	89.28 6.22 0.00	92.69 6.88 0.00	126.88 9.40 0.00	133.59 9.52 0.00	150.71 8.46 0.00	221.64 11.62 0.00	123.45 6.26 0.00	55.30 3.11 0.00	53.68 3.28 0.00	51.90 3.53 0.00	62.89 4.67 0.00	99.07 7.75 0.00	118.56 9.12 0.00	97.69 7.69 0.00	77.24 5.96 0.00	79.20 5.78 0.00	92.02 6.40 0.00	88.55 5.62 0.00
EAST_PULASKI___ESR 323781	94.09 -1.67 0.00	104.17 -1.80 0.00	106.28 -1.64 0.00	78.39 -1.19 0.00	89.49 -1.37 0.00	78.29 -1.23 0.00	81.69 -1.36 0.00	84.56 -1.26 0.00	115.76 -1.73 0.00	122.29 -1.78 0.00	140.28 -1.97 0.00	207.06 -2.96 0.00	115.31 -1.88 0.00	51.33 -0.86 0.00	49.55 -0.86 0.00	47.55 -0.81 0.00	57.25 -0.98 0.00	90.21 -1.11 0.00	107.97 -1.46 0.00	88.65 -1.35 0.00	70.11 -1.18 0.00	72.14 -1.28 0.00	83.77 -1.85 0.00	81.14 -1.78 0.00
EAST_RIVER___1 323558	102.18 6.41 0.00	112.65 6.68 0.00	113.91 5.99 0.00	83.97 4.39 0.00	96.17 5.32 0.00	84.70 5.19 0.00	88.84 5.79 0.00	92.27 6.46 0.00	126.68 9.19 0.00	133.95 9.88 0.00	152.95 10.71 0.00	225.17 15.15 0.00	126.12 8.93 0.00	56.50 4.31 0.00	54.38 3.97 0.00	52.21 3.85 0.00	63.27 5.05 0.00	99.61 8.28 0.00	119.42 9.99 0.00	98.39 8.39 0.00	77.83 6.55 0.00	79.80 6.37 0.00	92.41 6.79 0.00	89.03 6.10 0.00
EAST_RIVER___2 323559	102.10 6.34 0.00	112.58 6.61 0.00	113.85 5.93 0.00	83.92 4.35 0.00	96.14 5.29 0.00	84.69 5.18 0.00	88.84 5.79 0.00	92.24 6.42 0.00	126.66 9.17 0.00	133.92 9.85 0.00	152.88 10.64 0.00	225.06 15.04 0.00	126.15 8.96 0.00	56.56 4.37 0.00	54.43 4.03 0.00	52.26 3.90 0.00	63.35 5.13 0.00	99.67 8.34 0.00	119.41 9.98 0.00	98.47 8.47 0.00	77.90 6.62 0.00	79.85 6.42 0.00	92.43 6.81 0.00	89.03 6.11 0.00
EAST___DELAWARE_HYD 23607	101.06 5.30 0.00	111.31 5.34 0.00	112.56 4.65 0.00	83.00 3.42 0.00	95.05 4.20 0.00	83.59 4.08 0.00	87.57 4.52 0.00	91.04 5.22 0.00	125.07 7.59 0.00	132.35 8.28 0.00	151.38 9.13 0.00	222.97 12.95 0.00	124.52 7.34 0.00	55.63 3.43 0.00	53.59 3.18 0.00	51.52 3.15 0.00	62.46 4.24 0.00	98.51 7.19 0.00	118.23 8.79 0.00	97.23 7.22 0.00	76.83 5.55 0.00	78.70 5.28 0.00	91.12 5.51 0.00	87.73 4.81 0.00
EIGHT_POINT___WT_PWR 323820	95.55 -0.63 -0.42	105.12 -0.85 0.00	109.45 -0.51 -2.04	79.58 -0.19 -0.20	90.36 -0.49 0.00	79.09 -0.42 0.00	82.26 -0.79 0.00	85.02 -1.31 -0.51	114.25 -3.24 0.00	119.84 -4.23 0.00	137.21 -5.04 0.00	200.58 -9.44 0.00	110.16 -7.03 0.00	48.73 -3.46 0.00	47.16 -3.25 0.00	45.57 -2.80 0.00	54.82 -3.40 0.00	94.86 -5.99 -9.53	147.70 -7.37 -45.64	83.75 -6.91 -0.66	66.26 -5.02 0.00	68.52 -4.91 0.00	80.11 -5.51 0.00	78.10 -4.82 0.00
ELBRIDGE_115KV_TB2 80188	95.04 -0.72 0.00	105.02 -0.95 0.00	107.09 -0.82 0.00	78.97 -0.61 0.00	90.18 -0.67 0.00	78.91 -0.61 0.00	82.38 -0.67 0.00	85.25 -0.57 0.00	116.60 -0.89 0.00	123.18 -0.89 0.00	141.16 -1.09 0.00	208.14 -1.88 0.00	115.89 -1.30 0.00	51.61 -0.58 0.00	49.86 -0.55 0.00	47.95 -0.42 0.00	57.81 -0.41 0.00	90.77 -0.56 0.00	108.86 -0.58 0.00	89.35 -0.65 0.00	70.61 -0.67 0.00	72.61 -0.81 0.00	84.47 -1.14 0.00	81.81 -1.11 0.00
ELEC_TRO_TEK 24086	103.03 7.27 0.00	113.68 7.70 0.00	115.10 7.18 0.00	85.04 5.46 0.00	97.34 6.49 0.00	85.77 6.25 0.00	89.94 6.89 0.00	93.37 7.55 0.00	127.44 9.95 0.00	134.57 10.49 0.00	153.10 10.85 0.00	223.86 14.14 0.31	126.58 9.40 0.00	57.00 4.80 0.00	54.88 4.47 0.00	52.75 4.38 0.00	63.91 5.69 0.00	100.21 8.88 0.00	120.19 10.75 0.00	99.51 9.36 -0.15	78.59 7.31 0.00	80.43 7.01 0.00	93.15 7.53 0.00	89.64 6.72 0.00

ELLENBURG_WT_PWR 323604	96.44 0.68 0.00	107.13 1.16 0.00	109.51 1.59 0.00	80.86 1.28 0.00	92.02 1.17 0.00	80.20 0.69 0.00	83.42 0.37 0.00	85.93 0.12 0.00	117.60 0.12 0.00	124.18 0.11 0.00	142.82 0.57 0.00	210.69 0.67 0.00	117.41 0.22 0.00	52.15 -0.04 0.00	50.36 -0.05 0.00	48.28 -0.09 0.00	58.04 -0.18 0.00	90.65 -0.67 0.00	107.59 -1.84 0.00	88.62 -1.38 0.00	70.00 -1.28 0.00	72.21 -1.22 0.00	84.84 -0.78 0.00	82.08 -0.84 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	90.37 -5.39 0.00	99.59 -6.38 0.00	102.27 -5.65 0.00	75.50 -4.08 0.00	85.79 -5.06 0.00	74.35 -5.17 0.00	76.89 -6.16 0.00	78.32 -7.50 0.00	106.02 -11.46 0.00	112.00 -12.08 0.00	129.29 -12.96 0.00	189.74 -20.28 0.00	104.87 -12.32 0.00	46.63 -5.56 0.00	45.01 -5.40 0.00	43.47 -4.90 0.00	52.26 -5.96 0.00	79.22 -9.20 2.90	84.36 -11.17 13.90	79.92 -9.88 0.20	63.28 -8.00 0.00	65.66 -7.77 0.00	77.08 -8.53 0.00	75.58 -7.35 0.00
EMPIRE_CC_1 323656	99.66 3.91 0.00	110.25 4.28 0.00	111.92 4.00 0.00	82.24 2.66 0.00	94.11 3.26 0.00	82.51 3.00 0.00	86.28 3.23 0.00	89.23 3.41 0.00	122.45 4.97 0.00	129.22 5.15 0.00	147.90 5.65 0.00	217.10 7.08 0.00	121.83 4.64 0.00	54.40 2.21 0.00	52.51 2.10 0.00	50.23 1.86 0.00	60.38 2.16 0.00	94.72 3.39 0.00	113.40 3.96 0.00	93.33 3.33 0.00	74.18 2.90 0.00	76.43 3.01 0.00	88.65 3.03 0.00	86.08 3.16 0.00
EMPIRE_CC_2 323658	99.66 3.91 0.00	110.25 4.28 0.00	111.92 4.00 0.00	82.24 2.66 0.00	94.11 3.26 0.00	82.51 3.00 0.00	86.28 3.23 0.00	89.23 3.41 0.00	122.45 4.97 0.00	129.22 5.15 0.00	147.90 5.65 0.00	217.10 7.08 0.00	121.83 4.64 0.00	54.40 2.21 0.00	52.51 2.10 0.00	50.23 1.86 0.00	60.38 2.16 0.00	94.72 3.39 0.00	113.40 3.96 0.00	93.33 3.33 0.00	74.18 2.90 0.00	76.43 3.01 0.00	88.65 3.03 0.00	86.08 3.16 0.00
ENORWICH_115KV_TB1 80156	105.10 9.34 0.00	116.06 10.09 0.00	117.92 10.00 0.00	87.03 7.45 0.00	99.47 8.62 0.00	87.38 7.87 0.00	91.50 8.45 0.00	95.19 9.38 0.00	130.41 12.92 0.00	137.82 13.75 0.00	157.46 15.21 0.00	231.43 21.41 0.00	126.97 9.79 0.00	56.09 3.90 0.00	53.52 3.12 0.00	51.35 2.98 0.00	62.59 4.37 0.00	98.78 7.45 0.00	118.49 9.06 0.00	98.45 8.45 0.00	78.25 6.97 0.00	80.07 6.64 0.00	92.30 6.68 0.00	88.57 5.64 0.00
ERIE_ST__34_KV_TB1-2 80199	92.57 -3.19 0.00	102.07 -3.90 0.00	104.75 -3.17 0.00	77.26 -2.32 0.00	87.80 -3.05 0.00	76.22 -3.30 0.00	78.86 -4.19 0.00	80.35 -5.47 0.00	108.88 -8.61 0.00	115.05 -9.02 0.00	132.86 -9.39 0.00	195.16 -14.86 0.00	107.94 -9.24 0.00	48.07 -4.12 0.00	46.40 -4.01 0.00	44.80 -3.57 0.00	53.87 -4.35 0.00	82.11 -6.81 2.41	89.57 -8.35 11.51	82.38 -7.46 0.17	65.14 -6.14 0.00	67.46 -5.97 0.00	79.12 -6.49 0.00	77.49 -5.43 0.00
ERIE_WT_PWR 323693	89.25 -4.45 2.06	100.57 -5.40 0.00	93.35 -4.61 9.96	75.24 -3.38 0.95	86.67 -4.18 0.00	75.08 -4.43 0.00	77.75 -5.30 0.00	76.67 -6.64 2.50	107.22 -10.27 0.00	113.21 -10.87 0.00	130.71 -11.53 0.00	191.91 -18.11 0.00	105.96 -11.22 0.00	47.18 -5.01 0.00	45.50 -4.91 0.00	43.90 -4.47 0.00	52.81 -5.41 0.00	80.19 -8.38 2.75	86.29 -9.96 13.19	80.72 -9.09 0.19	63.93 -7.35 0.00	66.17 -7.25 0.00	77.75 -7.86 0.00	76.21 -6.71 0.00
ESPRGFLD_115KV_TB1 80157	100.41 4.65 0.00	110.72 4.75 0.00	112.90 4.99 0.00	83.29 3.71 0.00	95.05 4.19 0.00	83.23 3.72 0.00	86.98 3.92 0.00	90.14 4.33 0.00	123.27 5.78 0.00	130.12 6.05 0.00	148.70 6.46 0.00	219.70 9.68 0.00	122.03 4.84 0.00	54.26 2.07 0.00	52.43 2.02 0.00	50.55 2.18 0.00	61.01 2.79 0.00	95.97 4.64 0.00	114.90 5.46 0.00	94.71 4.71 0.00	74.92 3.63 0.00	76.82 3.39 0.00	89.34 3.73 0.00	86.10 3.17 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	97.72 1.96 0.00	108.01 2.04 0.00	109.93 2.00 0.00	81.13 1.55 0.00	92.60 1.75 0.00	81.13 1.62 0.00	84.75 1.69 0.00	87.75 1.94 0.00	120.07 2.58 0.00	126.83 2.76 0.00	145.28 3.03 0.00	214.18 4.16 0.00	119.01 1.82 0.00	52.93 0.74 0.00	51.07 0.66 0.00	49.15 0.79 0.00	59.36 1.14 0.00	93.21 1.88 0.00	111.86 2.42 0.00	91.89 1.88 0.00	72.60 1.32 0.00	74.53 1.11 0.00	86.58 0.96 0.00	83.80 0.88 0.00
ETNA____115KV_TB2 80207	97.72 1.96 0.00	108.01 2.04 0.00	109.93 2.00 0.00	81.13 1.55 0.00	92.60 1.75 0.00	81.13 1.62 0.00	84.75 1.69 0.00	87.75 1.94 0.00	120.07 2.58 0.00	126.83 2.76 0.00	145.28 3.03 0.00	214.18 4.16 0.00	119.01 1.82 0.00	52.93 0.74 0.00	51.07 0.66 0.00	49.15 0.79 0.00	59.36 1.14 0.00	93.21 1.88 0.00	111.86 2.42 0.00	91.89 1.88 0.00	72.60 1.32 0.00	74.53 1.11 0.00	86.58 0.96 0.00	83.80 0.88 0.00
EUCLID____115KV_TB2 356179	93.75 -2.01 0.00	103.64 -2.34 0.00	105.52 -2.40 0.00	77.83 -1.75 0.00	88.85 -2.00 0.00	77.78 -1.73 0.00	81.23 -1.82 0.00	83.96 -1.85 0.00	114.86 -2.62 0.00	121.36 -2.71 0.00	139.14 -3.11 0.00	205.20 -4.82 0.00	114.34 -2.85 0.00	50.93 -1.26 0.00	49.19 -1.21 0.00	47.28 -1.09 0.00	56.95 -1.27 0.00	89.44 -1.89 0.00	107.21 -2.22 0.00	88.01 -2.00 0.00	69.59 -1.69 0.00	71.60 -1.83 0.00	83.36 -2.26 0.00	80.74 -2.18 0.00
E_CANADA_CAP_HY 24051	101.01 5.25 0.00	111.38 5.41 0.00	113.76 5.84 0.00	83.84 4.27 0.00	95.65 4.80 0.00	83.70 4.19 0.00	87.42 4.37 0.00	90.54 4.72 0.00	123.82 6.34 0.00	130.59 6.52 0.00	148.91 6.66 0.00	219.74 9.72 0.00	122.27 5.08 0.00	54.44 2.25 0.00	52.69 2.29 0.00	50.82 2.45 0.00	61.31 3.09 0.00	96.38 5.06 0.00	115.30 5.86 0.00	95.10 5.10 0.00	75.25 3.97 0.00	77.25 3.83 0.00	90.01 4.39 0.00	86.73 3.81 0.00
E_CANADA_MHWK_HY 24050	99.45 3.69 0.00	110.12 4.15 0.00	111.28 3.36 0.00	81.96 2.38 0.00	93.88 3.03 0.00	82.60 3.09 0.00	86.57 3.52 0.00	89.98 4.17 0.00	123.55 6.06 0.00	130.70 6.63 0.00	149.09 6.84 0.00	218.55 8.53 0.00	121.86 4.67 0.00	54.38 2.19 0.00	52.36 1.96 0.00	50.10 1.73 0.00	60.70 2.48 0.00	95.29 3.96 0.00	114.25 4.81 0.00	94.07 4.06 0.00	74.57 3.28 0.00	76.39 2.96 0.00	88.80 3.19 0.00	85.71 2.79 0.00
E_FISHKILL____LBMP 23776	101.51 5.75 0.00	112.01 6.04 0.00	113.33 5.42 0.00	83.50 3.93 0.00	95.60 4.75 0.00	84.10 4.58 0.00	88.12 5.06 0.00	91.44 5.62 0.00	125.46 7.98 0.00	132.62 8.55 0.00	151.54 9.29 0.00	223.11 13.09 0.00	124.89 7.70 0.00	55.86 3.67 0.00	53.81 3.40 0.00	51.65 3.28 0.00	62.51 4.29 0.00	98.31 6.99 0.00	117.95 8.51 0.00	97.13 7.12 0.00	76.85 5.57 0.00	78.84 5.41 0.00	91.39 5.78 0.00	88.14 5.22 0.00
FALCON____SEABRD_CC1 323796	97.88 2.12 0.00	108.68 2.71 0.00	111.03 3.11 0.00	81.92 2.35 0.00	93.11 2.26 0.00	81.01 1.50 0.00	84.16 1.11 0.00	86.68 0.87 0.00	118.70 1.22 0.00	125.46 1.39 0.00	144.30 2.05 0.00	212.54 2.53 0.00	118.47 1.29 0.00	52.67 0.48 0.00	50.82 0.41 0.00	48.67 0.30 0.00	58.62 0.40 0.00	91.62 0.29 0.00	108.64 -0.79 0.00	89.55 -0.45 0.00	70.62 -0.66 0.00	72.77 -0.66 0.00	85.41 -0.21 0.00	82.61 -0.31 0.00

FALCON___SEABRD_CC2 323797	97.88 2.12 0.00	108.68 2.71 0.00	111.03 3.11 0.00	81.92 2.35 0.00	93.11 2.26 0.00	81.01 1.50 0.00	84.16 1.11 0.00	86.68 0.87 0.00	118.70 1.22 0.00	125.46 1.39 0.00	144.30 2.05 0.00	212.54 2.53 0.00	118.47 1.29 0.00	52.67 0.48 0.00	50.82 0.41 0.00	48.67 0.30 0.00	58.62 0.40 0.00	91.62 0.29 0.00	108.64 -0.79 0.00	89.55 -0.45 0.00	70.62 -0.66 0.00	72.77 -0.66 0.00	85.41 -0.21 0.00	82.61 -0.31 0.00
FAR ROCKAWAY___4 23548	104.10 8.35 0.00	114.75 8.77 0.00	116.54 8.62 0.00	86.07 6.49 0.00	98.55 7.70 0.00	86.87 7.36 0.00	90.96 7.91 0.00	94.26 8.44 0.00	129.13 11.64 0.00	135.92 11.84 0.00	154.56 12.31 0.00	228.08 16.09 -1.98	128.18 11.00 0.00	57.66 5.46 0.00	55.45 5.04 0.00	53.45 5.08 0.00	64.77 6.55 0.00	101.48 10.15 0.00	121.59 12.15 0.00	100.87 10.72 -0.15	79.65 8.37 0.00	81.50 8.07 0.00	94.34 8.73 0.00	90.79 7.86 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	102.23 6.47 0.00	112.75 6.78 0.00	114.02 6.10 0.00	84.05 4.47 0.00	96.26 5.41 0.00	84.76 5.25 0.00	88.91 5.87 0.00	92.36 6.54 0.00	126.78 9.29 0.00	134.08 10.00 0.00	153.11 10.86 0.00	225.40 15.38 0.00	126.22 9.04 0.00	56.52 4.33 0.00	54.39 3.99 0.00	52.24 3.88 0.00	63.31 5.09 0.00	99.66 8.33 0.00	119.56 10.12 0.00	98.48 8.47 0.00	77.88 6.60 0.00	79.85 6.43 0.00	92.49 6.87 0.00	89.10 6.18 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	102.28 6.52 0.00	112.80 6.83 0.00	114.08 6.16 0.00	84.10 4.52 0.00	96.31 5.46 0.00	84.81 5.30 0.00	88.98 5.93 0.00	92.37 6.56 0.00	126.85 9.37 0.00	134.15 10.08 0.00	153.17 10.92 0.00	225.55 15.53 0.00	126.26 9.08 0.00	56.54 4.35 0.00	54.43 4.03 0.00	52.27 3.90 0.00	63.35 5.13 0.00	99.72 8.39 0.00	119.64 10.21 0.00	98.52 8.52 0.00	77.92 6.64 0.00	79.88 6.46 0.00	92.54 6.93 0.00	89.15 6.23 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	102.18 6.42 0.00	112.69 6.72 0.00	113.97 6.05 0.00	84.02 4.44 0.00	96.22 5.37 0.00	84.73 5.22 0.00	88.89 5.84 0.00	92.29 6.47 0.00	126.72 9.24 0.00	134.02 9.94 0.00	153.01 10.76 0.00	225.27 15.25 0.00	126.14 8.96 0.00	56.49 4.29 0.00	54.37 3.97 0.00	52.21 3.85 0.00	63.27 5.05 0.00	99.62 8.29 0.00	119.48 10.04 0.00	98.41 8.41 0.00	77.84 6.55 0.00	79.81 6.38 0.00	92.44 6.83 0.00	89.07 6.14 0.00
FARRAGUT___LBMP 323566	102.09 6.33 0.00	112.60 6.63 0.00	113.90 5.98 0.00	83.96 4.38 0.00	96.15 5.30 0.00	84.66 5.15 0.00	88.81 5.76 0.00	92.23 6.41 0.00	126.64 9.15 0.00	133.90 9.83 0.00	152.88 10.63 0.00	225.11 15.09 0.00	126.03 8.84 0.00	56.43 4.24 0.00	54.33 3.92 0.00	52.17 3.80 0.00	63.23 5.01 0.00	99.52 8.20 0.00	119.38 9.94 0.00	98.32 8.32 0.00	77.77 6.49 0.00	79.74 6.31 0.00	92.37 6.76 0.00	88.99 6.06 0.00
FENNER___WINDPWR 24204	97.97 2.21 0.00	108.43 2.45 0.00	110.31 2.39 0.00	81.34 1.77 0.00	92.94 2.09 0.00	81.47 1.96 0.00	85.15 2.10 0.00	88.13 2.32 0.00	120.72 3.24 0.00	127.53 3.46 0.00	145.87 3.62 0.00	215.39 5.38 0.00	119.82 2.63 0.00	53.34 1.14 0.00	51.45 1.04 0.00	49.49 1.13 0.00	59.65 1.43 0.00	93.55 2.22 0.00	112.22 2.79 0.00	92.18 2.17 0.00	72.84 1.56 0.00	74.83 1.41 0.00	87.01 1.39 0.00	84.19 1.27 0.00
FIBERTEK___ENERGY 23856	95.21 -0.55 0.00	105.23 -0.74 0.00	107.24 -0.67 0.00	79.10 -0.48 0.00	90.31 -0.55 0.00	79.05 -0.46 0.00	82.59 -0.46 0.00	85.37 -0.45 0.00	116.81 -0.67 0.00	123.42 -0.65 0.00	141.47 -0.78 0.00	208.62 -1.40 0.00	116.22 -0.96 0.00	51.78 -0.41 0.00	50.02 -0.39 0.00	48.10 -0.27 0.00	57.96 -0.27 0.00	91.04 -0.29 0.00	109.16 -0.28 0.00	89.59 -0.41 0.00	70.82 -0.46 0.00	72.83 -0.59 0.00	84.69 -0.92 0.00	82.02 -0.90 0.00
FITZPATRICK____ 23598	92.09 -3.66 0.00	101.86 -4.11 0.00	103.76 -4.16 0.00	76.50 -3.08 0.00	87.37 -3.48 0.00	76.48 -3.04 0.00	79.84 -3.21 0.00	82.49 -3.32 0.00	112.89 -4.59 0.00	119.24 -4.83 0.00	136.71 -5.54 0.00	201.59 -8.43 0.00	112.40 -4.79 0.00	50.07 -2.12 0.00	48.35 -2.05 0.00	46.46 -1.91 0.00	55.94 -2.28 0.00	87.83 -3.49 0.00	105.26 -4.17 0.00	86.45 -3.55 0.00	68.39 -2.89 0.00	70.41 -3.01 0.00	82.04 -3.57 0.00	79.47 -3.45 0.00
FLOWRFLD_69_KV_BK1 356044	104.46 8.70 0.00	115.39 9.42 0.00	116.96 9.04 0.00	86.56 6.98 0.00	99.31 8.46 0.00	87.67 8.16 0.00	92.00 8.94 0.00	95.48 9.67 0.00	129.47 11.98 0.00	136.49 12.42 0.00	155.04 12.79 0.00	224.74 16.07 1.35	128.22 11.03 0.00	57.94 5.75 0.00	55.92 5.51 0.00	53.75 5.38 0.00	65.31 7.08 0.00	102.06 10.73 0.00	122.31 12.88 0.00	101.89 11.73 -0.15	80.42 9.14 0.00	82.14 8.72 0.00	94.95 9.33 0.00	91.16 8.24 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	103.10 7.34 0.00	113.69 7.71 0.00	115.04 7.12 0.00	84.76 5.18 0.00	97.03 6.18 0.00	85.36 5.85 0.00	89.45 6.40 0.00	92.91 7.09 0.00	127.58 10.09 0.00	134.92 10.85 0.00	154.24 11.99 0.00	227.16 17.14 0.00	127.03 9.85 0.00	56.82 4.63 0.00	54.73 4.32 0.00	52.57 4.20 0.00	63.67 5.45 0.00	100.25 8.92 0.00	120.25 10.81 0.00	98.97 8.96 0.00	78.25 6.97 0.00	80.21 6.78 0.00	92.93 7.31 0.00	89.57 6.65 0.00
FORT ORANGE____ 23900	100.38 4.62 0.00	110.95 4.98 0.00	112.70 4.78 0.00	82.91 3.34 0.00	94.79 3.94 0.00	82.87 3.35 0.00	86.35 3.30 0.00	89.38 3.57 0.00	122.66 5.18 0.00	129.64 5.57 0.00	148.36 6.11 0.00	218.16 8.14 0.00	122.16 4.97 0.00	54.46 2.27 0.00	52.38 1.97 0.00	49.94 1.57 0.00	60.11 1.89 0.00	94.17 2.85 0.00	112.77 3.34 0.00	92.70 2.69 0.00	73.63 2.35 0.00	76.08 2.65 0.00	88.64 3.03 0.00	86.63 3.71 0.00
FORT_DRUM_COGEN 23780	98.23 2.47 0.00	108.55 2.57 0.00	110.67 2.75 0.00	81.68 2.10 0.00	93.25 2.39 0.00	81.56 2.05 0.00	85.18 2.13 0.00	88.26 2.45 0.00	120.89 3.41 0.00	127.64 3.57 0.00	146.00 3.75 0.00	215.69 5.68 0.00	119.95 2.77 0.00	53.18 0.99 0.00	51.22 0.82 0.00	49.09 0.72 0.00	59.41 1.19 0.00	94.31 2.99 0.00	112.57 3.13 0.00	92.29 2.29 0.00	72.76 1.48 0.00	74.85 1.43 0.00	86.44 0.83 0.00	83.74 0.82 0.00
FOX_HILLS___ESR 323835	102.91 7.15 0.00	113.59 7.62 0.00	114.89 6.96 0.00	84.89 5.31 -0.01	97.27 6.42 -0.01	85.64 6.11 -0.01	89.25 6.20 0.00	100.62 6.92 -7.88	132.98 9.90 -5.60	143.65 10.55 -9.03	153.50 11.25 0.00	225.89 15.87 0.00	126.43 9.23 -0.01	71.38 4.61 -14.58	71.07 4.26 -16.40	71.14 4.12 -18.65	75.17 5.47 -11.47	131.71 8.92 -31.46	172.71 10.85 -52.42	161.77 9.06 -62.71	123.52 7.06 -45.17	105.54 6.89 -25.22	99.82 7.29 -6.90	89.67 6.50 -0.25
FPL FAR_ROCK_GT1 24212	104.11 8.35 0.00	114.74 8.77 0.00	116.52 8.59 0.00	86.07 6.49 0.00	98.55 7.70 0.00	86.87 7.36 0.00	90.96 7.91 0.00	94.26 8.44 0.00	129.12 11.63 0.00	135.90 11.83 0.00	154.55 12.30 0.00	227.99 16.00 -1.98	128.19 11.00 0.00	57.67 5.48 0.00	55.45 5.04 0.00	53.45 5.09 0.00	64.77 6.55 0.00	101.47 10.15 0.00	121.57 12.14 0.00	100.88 10.73 -0.15	79.65 8.36 0.00	81.49 8.07 0.00	94.35 8.73 0.00	90.78 7.86 0.00

FPL_FAR_ROCK_GT2 23815	104.11 8.35 0.00	114.74 8.77 0.00	116.52 8.59 0.00	86.07 6.49 0.00	98.55 7.70 0.00	86.87 7.36 0.00	90.96 7.91 0.00	94.26 8.44 0.00	129.12 11.63 0.00	135.90 11.83 0.00	154.55 12.30 0.00	227.99 16.00 -1.98	128.19 11.00 0.00	57.67 5.48 0.00	55.45 5.04 0.00	53.45 5.09 0.00	64.77 6.55 0.00	101.47 10.15 0.00	121.57 12.14 0.00	100.88 10.73 -0.15	79.65 8.36 0.00	81.49 8.07 0.00	94.35 8.73 0.00	90.78 7.86 0.00
FRANKLIN_FALL_HYD 24054	97.69 1.93 0.00	108.36 2.39 0.00	111.12 3.20 0.00	82.04 2.46 0.00	93.27 2.42 0.00	81.18 1.67 0.00	84.43 1.38 0.00	86.62 0.81 0.00	118.88 1.40 0.00	125.57 1.50 0.00	144.44 2.19 0.00	213.02 3.00 0.00	118.74 1.56 0.00	52.69 0.50 0.00	50.91 0.51 0.00	48.87 0.51 0.00	58.80 0.58 0.00	91.96 0.63 0.00	109.44 0.01 0.00	90.20 0.20 0.00	71.19 -0.09 0.00	73.68 0.26 0.00	86.54 0.92 0.00	83.78 0.85 0.00
FREEPORT_EQUS_GT1 23764	103.30 7.54 0.00	113.93 7.95 0.00	115.54 7.62 0.00	85.56 5.98 0.00	97.76 6.90 0.00	86.09 6.58 0.00	90.30 7.25 0.00	94.02 8.21 0.00	127.84 10.35 0.00	134.90 10.83 0.00	153.24 10.99 0.00	221.63 14.08 2.46	126.75 9.57 0.00	57.35 5.16 0.00	55.21 4.80 0.00	53.09 4.73 0.00	64.37 6.14 0.00	100.61 9.28 0.00	120.62 11.18 0.00	100.13 9.98 -0.15	79.15 7.87 0.00	80.98 7.55 0.00	93.82 8.21 0.00	90.24 7.31 0.00
FREEPORT___CT2 23818	103.30 7.54 0.00	113.93 7.95 0.00	115.54 7.62 0.00	85.56 5.98 0.00	97.76 6.90 0.00	86.09 6.58 0.00	90.30 7.25 0.00	94.02 8.21 0.00	127.84 10.35 0.00	134.90 10.83 0.00	153.24 10.99 0.00	221.63 14.08 2.46	126.75 9.57 0.00	57.35 5.16 0.00	55.21 4.80 0.00	53.09 4.73 0.00	64.37 6.14 0.00	100.61 9.28 0.00	120.62 11.18 0.00	100.13 9.98 -0.15	79.15 7.87 0.00	80.98 7.55 0.00	93.82 8.21 0.00	90.24 7.31 0.00
FRESHKLS_33_KV_LOAD 356253	102.92 7.16 0.00	113.66 7.69 0.00	114.93 7.01 0.00	85.01 5.43 -0.01	97.49 6.64 -0.01	85.78 6.26 -0.01	89.14 6.09 0.00	100.53 6.84 -7.88	132.81 9.72 -5.60	143.38 10.28 -9.03	153.14 10.89 0.00	225.23 15.20 0.00	126.10 8.90 -0.01	71.29 4.53 -14.58	70.98 4.17 -16.40	71.06 4.05 -18.65	75.09 5.40 -11.47	131.61 8.82 -31.46	172.88 10.76 -52.69	162.40 8.97 -63.42	123.44 6.99 -45.17	105.45 6.81 -25.22	99.68 7.16 -6.90	89.51 6.34 -0.25
FULTON COGEN____ 23766	92.95 -2.81 0.00	102.85 -3.12 0.00	104.76 -3.16 0.00	77.26 -2.31 0.00	88.21 -2.64 0.00	77.27 -2.24 0.00	80.69 -2.36 0.00	83.40 -2.42 0.00	114.15 -3.34 0.00	120.53 -3.54 0.00	138.23 -4.02 0.00	203.83 -6.19 0.00	113.63 -3.55 0.00	50.63 -1.56 0.00	48.89 -1.52 0.00	46.98 -1.39 0.00	56.59 -1.63 0.00	88.94 -2.39 0.00	106.57 -2.86 0.00	87.46 -2.54 0.00	69.18 -2.11 0.00	71.17 -2.25 0.00	82.82 -2.80 0.00	80.21 -2.72 0.00
FULTON___LFGE 323630	101.93 6.17 0.00	112.45 6.48 0.00	114.58 6.66 0.00	84.41 4.84 0.00	96.35 5.51 0.00	84.45 4.94 0.00	88.30 5.25 0.00	91.64 5.82 0.00	125.41 7.92 0.00	132.31 8.24 0.00	150.44 8.19 0.00	221.45 11.43 0.00	123.09 5.91 0.00	54.92 2.73 0.00	53.21 2.81 0.00	51.31 2.95 0.00	62.12 3.91 0.00	97.78 6.45 0.00	117.03 7.59 0.00	96.45 6.45 0.00	76.30 5.01 0.00	78.32 4.89 0.00	91.04 5.42 0.00	87.64 4.72 0.00
G.F.CEMENT___DRP 24184	102.62 6.87 0.00	113.41 7.43 0.00	115.02 7.10 0.00	84.65 5.07 0.00	96.97 6.12 0.00	85.20 5.68 0.00	89.30 6.25 0.00	92.92 7.10 0.00	127.63 10.14 0.00	135.04 10.97 0.00	154.72 12.47 0.00	227.44 17.42 0.00	127.12 9.93 0.00	56.66 4.47 0.00	54.71 4.31 0.00	52.47 4.11 0.00	63.37 5.14 0.00	99.59 8.26 0.00	119.12 9.69 0.00	97.71 7.70 0.00	77.24 5.96 0.00	79.32 5.90 0.00	91.93 6.31 0.00	88.68 5.76 0.00
GARDENVILLE___LBMP 24039	90.93 -4.83 0.00	100.23 -5.75 0.00	102.84 -5.08 0.00	75.93 -3.64 0.00	86.31 -4.54 0.00	74.80 -4.71 0.00	77.40 -5.66 0.00	78.84 -6.97 0.00	106.75 -10.73 0.00	112.74 -11.33 0.00	130.17 -12.08 0.00	191.00 -19.02 0.00	105.56 -11.62 0.00	46.95 -5.24 0.00	45.30 -5.11 0.00	43.74 -4.63 0.00	52.59 -5.63 0.00	79.38 -8.72 3.22	83.45 -10.57 15.42	80.39 -9.39 0.22	63.70 -7.58 0.00	66.07 -7.36 0.00	77.55 -8.07 0.00	75.99 -6.93 0.00
GARDNVLA_35_KV_LD 355827	91.33 -4.43 0.00	100.65 -5.32 0.00	103.36 -4.56 0.00	76.26 -3.32 0.00	86.67 -4.18 0.00	75.12 -4.39 0.00	77.74 -5.31 0.00	79.21 -6.61 0.00	107.26 -10.22 0.00	113.30 -10.77 0.00	130.84 -11.40 0.00	191.97 -18.05 0.00	106.08 -11.11 0.00	47.20 -4.99 0.00	45.53 -4.88 0.00	43.95 -4.41 0.00	52.87 -5.35 0.00	80.45 -8.30 2.58	87.00 -10.08 12.35	80.88 -8.94 0.18	64.04 -7.24 0.00	66.38 -7.05 0.00	77.88 -7.74 0.00	76.32 -6.61 0.00
GELCKHM___115KV_LOAD 80723	94.31 -1.45 0.00	104.23 -1.75 0.00	106.16 -1.76 0.00	78.30 -1.28 0.00	89.39 -1.45 0.00	78.26 -1.26 0.00	81.73 -1.32 0.00	84.48 -1.34 0.00	115.59 -1.90 0.00	122.13 -1.95 0.00	140.01 -2.24 0.00	206.46 -3.56 0.00	115.04 -2.15 0.00	51.24 -0.95 0.00	49.50 -0.91 0.00	47.58 -0.79 0.00	57.33 -0.90 0.00	90.04 -1.29 0.00	107.95 -1.48 0.00	88.62 -1.38 0.00	70.05 -1.23 0.00	72.07 -1.36 0.00	83.86 -1.75 0.00	81.22 -1.71 0.00
GENERAL___MILLS 23808	91.22 -4.54 0.00	100.53 -5.44 0.00	103.22 -4.70 0.00	76.18 -3.40 0.00	86.57 -4.27 0.00	75.03 -4.49 0.00	77.65 -5.41 0.00	79.09 -6.73 0.00	107.09 -10.40 0.00	113.13 -10.94 0.00	130.61 -11.64 0.00	191.66 -18.36 0.00	105.92 -11.27 0.00	47.13 -5.06 0.00	45.46 -4.95 0.00	43.89 -4.48 0.00	52.77 -5.45 0.00	80.13 -8.44 2.75	86.00 -10.25 13.19	80.72 -9.10 0.19	63.92 -7.36 0.00	66.28 -7.15 0.00	77.78 -7.83 0.00	76.22 -6.71 0.00
GE_PLASTICS___DRP 24183	99.37 3.61 0.00	109.88 3.91 0.00	111.62 3.70 0.00	82.14 2.56 0.00	93.93 3.08 0.00	82.33 2.82 0.00	86.05 3.00 0.00	89.02 3.21 0.00	122.11 4.62 0.00	129.01 4.94 0.00	147.67 5.42 0.00	217.28 7.26 0.00	121.59 4.40 0.00	54.22 2.03 0.00	52.21 1.80 0.00	49.87 1.51 0.00	60.08 1.86 0.00	94.14 2.81 0.00	112.82 3.38 0.00	92.77 2.77 0.00	73.61 2.33 0.00	75.88 2.46 0.00	88.40 2.78 0.00	85.82 2.90 0.00
GILBOA___1 23756	98.93 3.17 0.00	109.34 3.37 0.00	110.99 3.08 0.00	81.76 2.18 0.00	93.49 2.64 0.00	82.02 2.50 0.00	85.73 2.67 0.00	88.70 2.88 0.00	121.70 4.22 0.00	128.56 4.49 0.00	147.19 4.94 0.00	216.75 6.74 0.00	121.17 3.98 0.00	54.04 1.84 0.00	52.10 1.69 0.00	49.94 1.58 0.00	60.25 2.02 0.00	94.41 3.08 0.00	113.37 3.94 0.00	93.26 3.25 0.00	73.85 2.57 0.00	75.95 2.52 0.00	88.28 2.66 0.00	85.40 2.48 0.00
GILBOA___2 23757	98.93 3.17 0.00	109.34 3.37 0.00	110.99 3.08 0.00	81.76 2.18 0.00	93.49 2.64 0.00	82.02 2.50 0.00	85.73 2.67 0.00	88.70 2.88 0.00	121.70 4.22 0.00	128.56 4.49 0.00	147.19 4.94 0.00	216.75 6.74 0.00	121.17 3.98 0.00	54.04 1.84 0.00	52.10 1.69 0.00	49.94 1.58 0.00	60.25 2.02 0.00	94.41 3.08 0.00	113.37 3.94 0.00	93.26 3.25 0.00	73.85 2.57 0.00	75.95 2.52 0.00	88.28 2.66 0.00	85.40 2.48 0.00

GILBOA___3 23758	98.93 3.17 0.00	109.34 3.37 0.00	110.99 3.08 0.00	81.76 2.18 0.00	93.49 2.64 0.00	82.02 2.50 0.00	85.73 2.67 0.00	88.70 2.88 0.00	121.70 4.22 0.00	128.56 4.49 0.00	147.19 4.94 0.00	216.75 6.74 0.00	121.17 3.98 0.00	54.04 1.84 0.00	52.10 1.69 0.00	49.94 1.58 0.00	60.25 2.02 0.00	94.41 3.08 0.00	113.37 3.94 0.00	93.26 3.25 0.00	73.85 2.57 0.00	75.95 2.52 0.00	88.28 2.66 0.00	85.40 2.48 0.00
GILBOA___4 23759	98.93 3.17 0.00	109.34 3.37 0.00	110.99 3.08 0.00	81.76 2.18 0.00	93.49 2.64 0.00	82.02 2.50 0.00	85.73 2.67 0.00	88.70 2.88 0.00	121.70 4.22 0.00	128.56 4.49 0.00	147.19 4.94 0.00	216.75 6.74 0.00	121.17 3.98 0.00	54.04 1.84 0.00	52.10 1.69 0.00	49.94 1.58 0.00	60.25 2.02 0.00	94.41 3.08 0.00	113.37 3.94 0.00	93.26 3.25 0.00	73.85 2.57 0.00	75.95 2.52 0.00	88.28 2.66 0.00	85.40 2.48 0.00
GILBOA___ 23599	98.93 3.18 0.00	109.34 3.37 0.00	110.98 3.06 0.00	81.76 2.19 0.00	93.49 2.64 0.00	82.02 2.50 0.00	85.73 2.68 0.00	88.70 2.88 0.00	121.71 4.22 0.00	128.56 4.49 0.00	147.19 4.94 0.00	216.75 6.73 0.00	121.17 3.98 0.00	54.03 1.84 0.00	52.10 1.69 0.00	49.95 1.58 0.00	60.25 2.03 0.00	94.41 3.09 0.00	113.38 3.95 0.00	93.26 3.26 0.00	73.85 2.57 0.00	75.94 2.51 0.00	88.29 2.67 0.00	85.40 2.48 0.00
GINNA___ 23603	87.84 -7.20 0.72	97.82 -8.15 0.00	96.52 -7.94 3.46	73.42 -5.82 0.33	84.06 -6.79 0.00	73.37 -6.14 0.00	76.38 -6.67 0.00	77.66 -7.28 0.87	107.07 -10.42 0.00	113.20 -10.87 0.00	130.12 -12.12 0.00	191.40 -18.62 0.00	106.27 -10.91 0.00	47.35 -4.84 0.00	45.79 -4.61 0.00	44.14 -4.22 0.00	53.14 -5.08 0.00	83.53 -7.80 0.00	99.99 -9.44 0.00	81.68 -8.33 0.00	64.52 -6.76 0.00	66.47 -6.96 0.00	77.65 -7.97 0.00	75.51 -7.41 0.00
GLEN PARK___ 23778	98.58 2.82 0.00	108.90 2.93 0.00	111.04 3.12 0.00	81.94 2.36 0.00	93.57 2.72 0.00	81.86 2.35 0.00	85.52 2.47 0.00	88.69 2.88 0.00	121.50 4.02 0.00	128.27 4.20 0.00	146.72 4.47 0.00	216.71 6.69 0.00	120.51 3.32 0.00	53.42 1.23 0.00	51.44 1.04 0.00	49.31 0.95 0.00	59.74 1.52 0.00	94.90 3.57 0.00	113.28 3.84 0.00	92.83 2.83 0.00	73.17 1.89 0.00	75.22 1.80 0.00	86.81 1.20 0.00	84.05 1.13 0.00
GLENDALE_27_KV_LOAD 356172	102.94 7.19 0.00	113.54 7.57 0.00	114.82 6.90 0.00	84.67 5.09 -0.01	96.97 6.11 -0.01	85.39 5.87 -0.01	89.49 6.44 0.00	93.01 7.19 0.00	127.76 10.27 0.00	135.11 11.04 0.00	154.28 12.03 0.00	227.06 17.05 0.00	127.08 9.89 0.00	56.95 4.76 0.00	54.80 4.39 0.00	52.63 4.26 0.00	63.81 5.58 0.00	100.43 9.10 0.00	121.03 11.04 -0.55	100.71 9.22 -1.48	78.48 7.20 0.00	80.48 7.05 -0.01	93.17 7.56 0.00	89.72 6.80 0.00
GLENWOOD_IC_1_G5 23712	103.01 7.25 0.00	113.63 7.66 0.00	115.01 7.09 0.00	84.87 5.30 0.00	97.19 6.34 0.00	85.61 6.10 0.00	89.77 6.73 0.00	93.20 7.38 0.00	127.52 10.04 0.00	134.64 10.57 0.00	152.66 10.41 0.00	223.37 13.93 0.59	126.02 8.83 0.00	56.76 4.57 0.00	54.62 4.21 0.00	52.38 4.02 0.00	63.48 5.26 0.00	99.68 8.35 0.00	119.55 10.12 0.00	98.83 8.68 -0.15	78.05 6.77 0.00	80.01 6.59 0.00	93.10 7.49 0.00	89.64 6.72 0.00
GLENWOOD_IC_2_G1 23688	102.52 6.76 0.00	113.14 7.17 0.00	114.49 6.57 0.00	84.46 4.89 0.00	96.70 5.85 0.00	85.15 5.63 0.00	89.28 6.23 0.00	92.69 6.87 0.00	126.92 9.43 0.00	134.08 10.00 0.00	152.89 10.64 0.00	224.60 14.58 0.00	126.21 9.02 0.00	56.65 4.46 0.00	54.54 4.13 0.00	52.38 4.01 0.00	63.45 5.23 0.00	99.70 8.38 0.00	119.59 10.15 0.00	98.81 8.66 -0.15	78.03 6.75 0.00	79.96 6.54 0.00	92.61 7.00 0.00	89.22 6.30 0.00
GLENWOOD_IC_3_G1 23689	102.52 6.76 0.00	113.14 7.17 0.00	114.49 6.57 0.00	84.46 4.89 0.00	96.70 5.85 0.00	85.15 5.63 0.00	89.28 6.23 0.00	92.69 6.87 0.00	126.92 9.43 0.00	134.08 10.00 0.00	152.89 10.64 0.00	224.60 14.58 0.00	126.21 9.02 0.00	56.65 4.46 0.00	54.54 4.13 0.00	52.38 4.01 0.00	63.45 5.23 0.00	99.70 8.38 0.00	119.59 10.15 0.00	98.81 8.66 -0.15	78.03 6.75 0.00	79.96 6.54 0.00	92.61 7.00 0.00	89.22 6.30 0.00
GLENWOOD___4 23550	103.01 7.25 0.00	113.63 7.66 0.00	115.01 7.09 0.00	84.87 5.30 0.00	97.19 6.34 0.00	85.61 6.10 0.00	89.77 6.73 0.00	93.20 7.38 0.00	127.52 10.04 0.00	134.66 10.59 0.00	153.00 10.75 0.00	223.91 14.48 0.59	126.30 9.11 0.00	56.83 4.64 0.00	54.72 4.31 0.00	52.50 4.13 0.00	63.62 5.39 0.00	99.92 8.59 0.00	119.84 10.41 0.00	99.07 8.91 -0.15	78.24 6.96 0.00	80.16 6.74 0.00	93.10 7.49 0.00	89.64 6.72 0.00
GLENWOOD___5 23614	103.01 7.25 0.00	113.63 7.66 0.00	115.01 7.09 0.00	84.87 5.30 0.00	97.19 6.34 0.00	85.61 6.10 0.00	89.77 6.73 0.00	93.20 7.38 0.00	127.52 10.04 0.00	134.66 10.59 0.00	153.00 10.75 0.00	223.91 14.48 0.59	126.30 9.11 0.00	56.83 4.64 0.00	54.72 4.31 0.00	52.50 4.13 0.00	63.62 5.39 0.00	99.92 8.59 0.00	119.84 10.41 0.00	99.07 8.91 -0.15	78.24 6.96 0.00	80.16 6.74 0.00	93.10 7.49 0.00	89.64 6.72 0.00
GLOBAL GREEN_PORT_GT1 23814	107.12 11.36 0.00	118.65 12.68 0.00	120.28 12.36 0.00	89.11 9.53 0.00	101.98 11.13 0.00	90.26 10.75 0.00	95.18 12.12 0.00	98.67 12.86 0.00	133.20 15.72 0.00	140.47 16.40 0.00	159.66 17.41 0.00	228.13 19.47 1.36	130.87 13.68 0.00	58.94 6.75 0.00	56.98 6.57 0.00	54.80 6.44 0.00	66.23 8.01 0.00	102.14 10.82 0.00	121.74 12.31 0.00	102.17 12.02 -0.15	80.53 9.24 0.00	82.21 8.78 0.00	94.91 9.30 0.00	91.09 8.17 0.00
GLOBE___DSASP 323697	86.92 -8.84 0.00	95.83 -10.14 0.00	98.40 -9.52 0.00	72.74 -6.84 0.00	82.62 -8.23 0.00	71.42 -8.09 0.00	73.76 -9.29 0.00	74.82 -10.99 0.00	101.25 -16.24 0.00	107.17 -16.90 0.00	123.69 -18.56 0.00	181.44 -28.58 0.00	100.40 -16.79 0.00	44.65 -7.54 0.00	43.14 -7.26 0.00	41.67 -6.70 0.00	50.06 -8.16 0.00	76.62 -12.62 2.08	84.28 -15.18 9.98	76.53 -13.32 0.14	60.52 -10.76 0.00	62.96 -10.47 0.00	74.12 -11.50 0.00	72.78 -10.14 0.00
GOETHSLN___LBMP 323567	101.59 5.83 0.00	112.04 6.07 0.00	113.27 5.35 0.00	83.49 3.92 0.00	95.61 4.76 0.00	84.22 4.71 0.00	88.43 5.38 0.00	91.84 6.02 0.00	126.06 8.58 0.00	133.31 9.24 0.00	152.21 9.97 0.00	224.15 14.13 0.00	125.48 8.30 0.00	56.17 3.97 0.00	54.08 3.67 0.00	51.91 3.54 0.00	62.91 4.69 0.00	99.07 7.74 0.00	118.88 9.45 0.00	97.90 7.90 0.00	77.42 6.13 0.00	79.37 5.95 0.00	91.99 6.37 0.00	88.61 5.69 0.00
GOLAH___69_KV_TB 1_2 80279	92.51 -3.25 0.00	102.06 -3.91 0.00	104.35 -3.57 0.00	77.02 -2.55 0.00	87.74 -3.11 0.00	76.41 -3.10 0.00	79.39 -3.66 0.00	81.40 -4.41 0.00	110.85 -6.64 0.00	117.16 -6.91 0.00	134.75 -7.50 0.00	197.83 -12.19 0.00	109.71 -7.47 0.00	48.88 -3.31 0.00	47.27 -3.14 0.00	45.63 -2.73 0.00	54.96 -3.26 0.00	86.49 -4.84 0.00	103.53 -5.91 -0.01	84.54 -5.46 0.00	66.72 -4.57 0.00	68.91 -4.51 0.00	80.59 -5.02 0.00	78.49 -4.43 0.00

GOODYEAR_LAKE_HYD 323669	100.15 4.39 0.00	110.61 4.64 0.00	112.45 4.53 0.00	82.94 3.37 0.00	94.76 3.91 0.00	83.08 3.56 0.00	86.88 3.83 0.00	90.08 4.26 0.00	123.32 5.83 0.00	130.23 6.16 0.00	148.99 6.74 0.00	219.84 9.82 0.00	122.28 5.09 0.00	54.41 2.22 0.00	52.49 2.08 0.00	50.50 2.13 0.00	61.02 2.80 0.00	95.93 4.61 0.00	114.95 5.52 0.00	94.65 4.65 0.00	74.88 3.60 0.00	76.81 3.38 0.00	89.18 3.57 0.00	86.04 3.12 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	96.21 0.45 0.00	106.36 0.39 0.00	108.16 0.24 0.00	79.86 0.29 0.00	91.10 0.25 0.00	79.83 0.31 0.00	83.27 0.22 0.00	86.07 0.26 0.00	117.54 0.05 0.00	124.13 0.06 0.00	142.41 0.17 0.00	210.42 0.40 0.00	116.93 -0.26 0.00	52.00 -0.19 0.00	50.21 -0.20 0.00	48.31 -0.05 0.00	58.27 0.05 0.00	91.31 -0.01 0.00	109.65 0.21 0.00	90.08 0.08 0.00	71.12 -0.16 0.00	73.02 -0.40 0.00	85.00 -0.62 0.00	82.39 -0.53 0.00
GOUDEY___7 23579	96.21 0.45 0.00	106.36 0.39 0.00	108.16 0.24 0.00	79.86 0.29 0.00	91.10 0.25 0.00	79.83 0.31 0.00	83.27 0.22 0.00	86.07 0.26 0.00	117.54 0.05 0.00	124.13 0.06 0.00	142.41 0.17 0.00	210.42 0.40 0.00	116.93 -0.26 0.00	52.00 -0.19 0.00	50.21 -0.20 0.00	48.31 -0.05 0.00	58.27 0.05 0.00	91.31 -0.01 0.00	109.65 0.21 0.00	90.08 0.08 0.00	71.12 -0.16 0.00	73.02 -0.40 0.00	85.00 -0.62 0.00	82.39 -0.53 0.00
GOUDEY___8 23580	96.21 0.45 0.00	106.36 0.39 0.00	108.16 0.24 0.00	79.86 0.29 0.00	91.10 0.25 0.00	79.83 0.31 0.00	83.27 0.22 0.00	86.07 0.26 0.00	117.54 0.05 0.00	124.13 0.06 0.00	142.41 0.17 0.00	210.42 0.40 0.00	116.93 -0.26 0.00	52.00 -0.19 0.00	50.21 -0.20 0.00	48.31 -0.05 0.00	58.27 0.05 0.00	91.31 -0.01 0.00	109.65 0.21 0.00	90.08 0.08 0.00	71.12 -0.16 0.00	73.02 -0.40 0.00	85.00 -0.62 0.00	82.39 -0.53 0.00
GOWANUS_GT1_1 24077	103.05 7.29 0.00	113.67 7.70 0.00	114.99 7.07 0.00	84.89 5.31 -0.01	97.24 6.39 -0.01	85.58 6.06 -0.01	89.46 6.40 0.00	100.88 7.19 -7.88	133.35 10.26 -5.60	144.09 10.98 -9.03	154.07 11.82 0.00	226.76 16.74 0.00	126.93 9.73 -0.01	71.53 4.76 -14.58	71.22 4.41 -16.40	71.29 4.27 -18.65	75.32 5.62 -11.47	131.98 9.19 -31.47	177.78 11.15 -57.20	174.72 9.31 -75.41	123.72 7.26 -45.17	105.74 7.10 -25.22	100.08 7.56 -6.90	89.96 6.79 -0.25
GOWANUS_GT1_2 24078	103.05 7.29 0.00	113.67 7.70 0.00	114.99 7.07 0.00	84.89 5.31 -0.01	97.24 6.39 -0.01	85.58 6.06 -0.01	89.46 6.40 0.00	100.88 7.19 -7.88	133.35 10.26 -5.60	144.09 10.98 -9.03	154.07 11.82 0.00	226.76 16.74 0.00	126.93 9.73 -0.01	71.53 4.76 -14.58	71.22 4.41 -16.40	71.29 4.27 -18.65	75.32 5.62 -11.47	131.98 9.19 -31.47	177.78 11.15 -57.20	174.72 9.31 -75.41	123.72 7.26 -45.17	105.74 7.10 -25.22	100.08 7.56 -6.90	89.96 6.79 -0.25
GOWANUS_GT1_3 24079	103.05 7.29 0.00	113.67 7.70 0.00	114.99 7.07 0.00	84.89 5.31 -0.01	97.24 6.39 -0.01	85.58 6.06 -0.01	89.46 6.40 0.00	100.88 7.19 -7.88	133.35 10.26 -5.60	144.09 10.98 -9.03	154.07 11.82 0.00	226.76 16.74 0.00	126.93 9.73 -0.01	71.53 4.76 -14.58	71.22 4.41 -16.40	71.29 4.27 -18.65	75.32 5.62 -11.47	131.98 9.19 -31.47	177.78 11.15 -57.20	174.72 9.31 -75.41	123.72 7.26 -45.17	105.74 7.10 -25.22	100.08 7.56 -6.90	89.96 6.79 -0.25
GOWANUS_GT1_4 24080	103.05 7.29 0.00	113.67 7.70 0.00	114.99 7.07 0.00	84.89 5.31 -0.01	97.24 6.39 -0.01	85.58 6.06 -0.01	89.46 6.40 0.00	100.88 7.19 -7.88	133.35 10.26 -5.60	144.09 10.98 -9.03	154.07 11.82 0.00	226.76 16.74 0.00	126.93 9.73 -0.01	71.53 4.76 -14.58	71.22 4.41 -16.40	71.29 4.27 -18.65	75.32 5.62 -11.47	131.98 9.19 -31.47	177.78 11.15 -57.20	174.72 9.31 -75.41	123.72 7.26 -45.17	105.74 7.10 -25.22	100.08 7.56 -6.90	89.96 6.79 -0.25
GOWANUS_GT1_5 24084	103.05 7.29 0.00	113.67 7.70 0.00	114.99 7.07 0.00	84.89 5.31 -0.01	97.24 6.39 -0.01	85.58 6.06 -0.01	89.46 6.40 0.00	100.88 7.19 -7.88	133.35 10.26 -5.60	144.09 10.98 -9.03	154.07 11.82 0.00	226.76 16.74 0.00	126.93 9.73 -0.01	71.53 4.76 -14.58	71.22 4.41 -16.40	71.29 4.27 -18.65	75.32 5.62 -11.47	131.98 9.19 -31.47	177.78 11.15 -57.20	174.72 9.31 -75.41	123.72 7.26 -45.17	105.74 7.10 -25.22	100.08 7.56 -6.90	89.96 6.79 -0.25
GOWANUS_GT1_6 24111	103.05 7.29 0.00	113.67 7.70 0.00	114.99 7.07 0.00	84.89 5.31 -0.01	97.24 6.39 -0.01	85.58 6.06 -0.01	89.46 6.40 0.00	100.88 7.19 -7.88	133.35 10.26 -5.60	144.09 10.98 -9.03	154.07 11.82 0.00	226.76 16.74 0.00	126.93 9.73 -0.01	71.53 4.76 -14.58	71.22 4.41 -16.40	71.29 4.27 -18.65	75.32 5.62 -11.47	131.98 9.19 -31.47	177.78 11.15 -57.20	174.72 9.31 -75.41	123.72 7.26 -45.17	105.74 7.10 -25.22	100.08 7.56 -6.90	89.96 6.79 -0.25
GOWANUS_GT1_7 24112	103.05 7.29 0.00	113.67 7.70 0.00	114.99 7.07 0.00	84.89 5.31 -0.01	97.24 6.39 -0.01	85.58 6.06 -0.01	89.46 6.40 0.00	100.88 7.19 -7.88	133.35 10.26 -5.60	144.09 10.98 -9.03	154.07 11.82 0.00	226.76 16.74 0.00	126.93 9.73 -0.01	71.53 4.76 -14.58	71.22 4.41 -16.40	71.29 4.27 -18.65	75.32 5.62 -11.47	131.98 9.19 -31.47	177.78 11.15 -57.20	174.72 9.31 -75.41	123.72 7.26 -45.17	105.74 7.10 -25.22	100.08 7.56 -6.90	89.96 6.79 -0.25
GOWANUS_GT1_8 24113	103.05 7.29 0.00	113.67 7.70 0.00	114.99 7.07 0.00	84.89 5.31 -0.01	97.24 6.39 -0.01	85.58 6.06 -0.01	89.46 6.40 0.00	100.88 7.19 -7.88	133.35 10.26 -5.60	144.09 10.98 -9.03	154.07 11.82 0.00	226.76 16.74 0.00	126.93 9.73 -0.01	71.53 4.76 -14.58	71.22 4.41 -16.40	71.29 4.27 -18.65	75.32 5.62 -11.47	131.98 9.19 -31.47	177.78 11.15 -57.20	174.72 9.31 -75.41	123.72 7.26 -45.17	105.74 7.10 -25.22	100.08 7.56 -6.90	89.96 6.79 -0.25
GOWANUS_GT2_1 24114	103.05 7.28 0.00	113.67 7.70 0.00	114.99 7.07 0.00	84.89 5.31 -0.01	97.24 6.39 -0.01	85.58 6.06 -0.01	89.46 6.40 0.00	100.88 7.19 -7.88	133.35 10.26 -5.60	144.08 10.98 -9.03	154.05 11.80 0.00	226.73 16.71 0.00	126.92 9.72 -0.01	71.55 4.78 -14.58	71.22 4.40 -16.40	71.28 4.27 -18.65	75.31 5.62 -11.47	132.03 9.18 -31.53	217.93 11.13 -97.36	281.51 9.31 -182.20	123.72 7.26 -45.17	105.74 7.09 -25.22	100.08 7.56 -6.90	89.96 6.79 -0.25
GOWANUS_GT2_2 24115	103.05 7.28 0.00	113.67 7.70 0.00	114.99 7.07 0.00	84.89 5.31 -0.01	97.24 6.39 -0.01	85.58 6.06 -0.01	89.46 6.40 0.00	100.88 7.19 -7.88	133.35 10.26 -5.60	144.08 10.98 -9.03	154.05 11.80 0.00	226.73 16.71 0.00	126.92 9.72 -0.01	71.55 4.78 -14.58	71.22 4.40 -16.40	71.28 4.27 -18.65	75.31 5.62 -11.47	132.03 9.18 -31.53	217.93 11.13 -97.36	281.51 9.31 -182.20	123.72 7.26 -45.17	105.74 7.09 -25.22	100.08 7.56 -6.90	89.96 6.79 -0.25
GOWANUS_GT2_3 24116	103.05 7.28 0.00	113.67 7.70 0.00	114.99 7.07 0.00	84.89 5.31 -0.01	97.24 6.39 -0.01	85.58 6.06 -0.01	89.46 6.40 0.00	100.88 7.19 -7.88	133.35 10.26 -5.60	144.08 10.98 -9.03	154.05 11.80 0.00	226.73 16.71 0.00	126.92 9.72 -0.01	71.55 4.78 -14.58	71.22 4.40 -16.40	71.28 4.27 -18.65	75.31 5.62 -11.47	132.03 9.18 -31.53	217.93 11.13 -97.36	281.51 9.31 -182.20	123.72 7.26 -45.17	105.74 7.09 -25.22	100.08 7.56 -6.90	89.96 6.79 -0.25

GOWANUS_GT2_4 24117	103.05 7.28 0.00	113.67 7.70 0.00	114.99 7.07 0.00	84.89 5.31 -0.01	97.24 6.39 -0.01	85.58 6.06 -0.01	89.46 6.40 0.00	100.88 7.19 -7.88	133.35 10.26 -5.60	144.08 10.98 -9.03	154.05 11.80 0.00	226.73 16.71 0.00	126.92 9.72 -0.01	71.55 4.78 -14.58	71.22 4.40 -16.40	71.28 4.27 -18.65	75.31 5.62 -11.47	132.03 9.18 -31.53	217.93 11.13 -97.36	281.51 9.31 -182.20	123.72 7.26 -45.17	105.74 7.09 -25.22	100.08 7.56 -6.90	89.96 6.79 -0.25
GOWANUS_GT2_5 24118	103.05 7.28 0.00	113.67 7.70 0.00	114.99 7.07 0.00	84.89 5.31 -0.01	97.24 6.39 -0.01	85.58 6.06 -0.01	89.46 6.40 0.00	100.88 7.19 -7.88	133.35 10.26 -5.60	144.08 10.98 -9.03	154.05 11.80 0.00	226.73 16.71 0.00	126.92 9.72 -0.01	71.55 4.78 -14.58	71.22 4.40 -16.40	71.28 4.27 -18.65	75.31 5.62 -11.47	132.03 9.18 -31.53	217.93 11.13 -97.36	281.51 9.31 -182.20	123.72 7.26 -45.17	105.74 7.09 -25.22	100.08 7.56 -6.90	89.96 6.79 -0.25
GOWANUS_GT2_6 24119	103.05 7.28 0.00	113.67 7.70 0.00	114.99 7.07 0.00	84.89 5.31 -0.01	97.24 6.39 -0.01	85.58 6.06 -0.01	89.46 6.40 0.00	100.88 7.19 -7.88	133.35 10.26 -5.60	144.08 10.98 -9.03	154.05 11.80 0.00	226.73 16.71 0.00	126.92 9.72 -0.01	71.55 4.78 -14.58	71.22 4.40 -16.40	71.28 4.27 -18.65	75.31 5.62 -11.47	132.03 9.18 -31.53	217.93 11.13 -97.36	281.51 9.31 -182.20	123.72 7.26 -45.17	105.74 7.09 -25.22	100.08 7.56 -6.90	89.96 6.79 -0.25
GOWANUS_GT2_7 24120	103.05 7.28 0.00	113.67 7.70 0.00	114.99 7.07 0.00	84.89 5.31 -0.01	97.24 6.39 -0.01	85.58 6.06 -0.01	89.46 6.40 0.00	100.88 7.19 -7.88	133.35 10.26 -5.60	144.08 10.98 -9.03	154.05 11.80 0.00	226.73 16.71 0.00	126.92 9.72 -0.01	71.55 4.78 -14.58	71.22 4.40 -16.40	71.28 4.27 -18.65	75.31 5.62 -11.47	132.03 9.18 -31.53	217.93 11.13 -97.36	281.51 9.31 -182.20	123.72 7.26 -45.17	105.74 7.09 -25.22	100.08 7.56 -6.90	89.96 6.79 -0.25
GOWANUS_GT2_8 24121	103.05 7.28 0.00	113.67 7.70 0.00	114.99 7.07 0.00	84.89 5.31 -0.01	97.24 6.39 -0.01	85.58 6.06 -0.01	89.46 6.40 0.00	100.88 7.19 -7.88	133.35 10.26 -5.60	144.08 10.98 -9.03	154.05 11.80 0.00	226.73 16.71 0.00	126.92 9.72 -0.01	71.55 4.78 -14.58	71.22 4.40 -16.40	71.28 4.27 -18.65	75.31 5.62 -11.47	132.03 9.18 -31.53	217.93 11.13 -97.36	281.51 9.31 -182.20	123.72 7.26 -45.17	105.74 7.09 -25.22	100.08 7.56 -6.90	89.96 6.79 -0.25
GOWANUS_GT3_1 24122	103.05 7.28 0.00	113.67 7.70 0.00	114.99 7.07 0.00	84.89 5.31 -0.01	97.24 6.39 -0.01	85.58 6.06 -0.01	89.46 6.40 0.00	100.88 7.19 -7.88	133.35 10.26 -5.60	144.08 10.98 -9.03	154.05 11.80 0.00	226.73 16.71 0.00	126.92 9.72 -0.01	71.55 4.78 -14.58	71.22 4.40 -16.40	71.28 4.27 -18.65	75.31 5.62 -11.47	131.97 9.18 -31.47	177.76 11.13 -57.20	174.72 9.31 -75.41	123.72 7.26 -45.17	105.74 7.09 -25.22	100.08 7.56 -6.90	89.96 6.79 -0.25
GOWANUS_GT3_2 24123	103.05 7.28 0.00	113.67 7.70 0.00	114.99 7.07 0.00	84.89 5.31 -0.01	97.24 6.39 -0.01	85.58 6.06 -0.01	89.46 6.40 0.00	100.88 7.19 -7.88	133.35 10.26 -5.60	144.08 10.98 -9.03	154.05 11.80 0.00	226.73 16.71 0.00	126.92 9.72 -0.01	71.55 4.78 -14.58	71.22 4.40 -16.40	71.28 4.27 -18.65	75.31 5.62 -11.47	131.97 9.18 -31.47	177.76 11.13 -57.20	174.72 9.31 -75.41	123.72 7.26 -45.17	105.74 7.09 -25.22	100.08 7.56 -6.90	89.96 6.79 -0.25
GOWANUS_GT3_3 24124	103.05 7.28 0.00	113.67 7.70 0.00	114.99 7.07 0.00	84.89 5.31 -0.01	97.24 6.39 -0.01	85.58 6.06 -0.01	89.46 6.40 0.00	100.88 7.19 -7.88	133.35 10.26 -5.60	144.08 10.98 -9.03	154.05 11.80 0.00	226.73 16.71 0.00	126.92 9.72 -0.01	71.55 4.78 -14.58	71.22 4.40 -16.40	71.28 4.27 -18.65	75.31 5.62 -11.47	131.97 9.18 -31.47	177.76 11.13 -57.20	174.72 9.31 -75.41	123.72 7.26 -45.17	105.74 7.09 -25.22	100.08 7.56 -6.90	89.96 6.79 -0.25
GOWANUS_GT3_4 24125	103.05 7.28 0.00	113.67 7.70 0.00	114.99 7.07 0.00	84.89 5.31 -0.01	97.24 6.39 -0.01	85.58 6.06 -0.01	89.46 6.40 0.00	100.88 7.19 -7.88	133.35 10.26 -5.60	144.08 10.98 -9.03	154.05 11.80 0.00	226.73 16.71 0.00	126.92 9.72 -0.01	71.55 4.78 -14.58	71.22 4.40 -16.40	71.28 4.27 -18.65	75.31 5.62 -11.47	131.97 9.18 -31.47	177.76 11.13 -57.20	174.72 9.31 -75.41	123.72 7.26 -45.17	105.74 7.09 -25.22	100.08 7.56 -6.90	89.96 6.79 -0.25
GOWANUS_GT3_5 24126	103.05 7.28 0.00	113.67 7.70 0.00	114.99 7.07 0.00	84.89 5.31 -0.01	97.24 6.39 -0.01	85.58 6.06 -0.01	89.46 6.40 0.00	100.88 7.19 -7.88	133.35 10.26 -5.60	144.08 10.98 -9.03	154.05 11.80 0.00	226.73 16.71 0.00	126.92 9.72 -0.01	71.55 4.78 -14.58	71.22 4.40 -16.40	71.28 4.27 -18.65	75.31 5.62 -11.47	131.97 9.18 -31.47	177.76 11.13 -57.20	174.72 9.31 -75.41	123.72 7.26 -45.17	105.74 7.09 -25.22	100.08 7.56 -6.90	89.96 6.79 -0.25
GOWANUS_GT3_6 24127	103.05 7.28 0.00	113.67 7.70 0.00	114.99 7.07 0.00	84.89 5.31 -0.01	97.24 6.39 -0.01	85.58 6.06 -0.01	89.46 6.40 0.00	100.88 7.19 -7.88	133.35 10.26 -5.60	144.08 10.98 -9.03	154.05 11.80 0.00	226.73 16.71 0.00	126.92 9.72 -0.01	71.55 4.78 -14.58	71.22 4.40 -16.40	71.28 4.27 -18.65	75.31 5.62 -11.47	131.97 9.18 -31.47	177.76 11.13 -57.20	174.72 9.31 -75.41	123.72 7.26 -45.17	105.74 7.09 -25.22	100.08 7.56 -6.90	89.96 6.79 -0.25
GOWANUS_GT3_7 24128	103.05 7.28 0.00	113.67 7.70 0.00	114.99 7.07 0.00	84.89 5.31 -0.01	97.24 6.39 -0.01	85.58 6.06 -0.01	89.46 6.40 0.00	100.88 7.19 -7.88	133.35 10.26 -5.60	144.08 10.98 -9.03	154.05 11.80 0.00	226.73 16.71 0.00	126.92 9.72 -0.01	71.55 4.78 -14.58	71.22 4.40 -16.40	71.28 4.27 -18.65	75.31 5.62 -11.47	131.97 9.18 -31.47	177.76 11.13 -57.20	174.72 9.31 -75.41	123.72 7.26 -45.17	105.74 7.09 -25.22	100.08 7.56 -6.90	89.96 6.79 -0.25
GOWANUS_GT3_8 24129	103.05 7.28 0.00	113.67 7.70 0.00	114.99 7.07 0.00	84.89 5.31 -0.01	97.24 6.39 -0.01	85.58 6.06 -0.01	89.46 6.40 0.00	100.88 7.19 -7.88	133.35 10.26 -5.60	144.08 10.98 -9.03	154.05 11.80 0.00	226.73 16.71 0.00	126.92 9.72 -0.01	71.55 4.78 -14.58	71.22 4.40 -16.40	71.28 4.27 -18.65	75.31 5.62 -11.47	131.97 9.18 -31.47	177.76 11.13 -57.20	174.72 9.31 -75.41	123.72 7.26 -45.17	105.74 7.09 -25.22	100.08 7.56 -6.90	89.96 6.79 -0.25
GOWANUS_GT4_1 24130	103.05 7.29 0.00	113.67 7.70 0.00	114.99 7.07 0.00	84.89 5.31 -0.01	97.24 6.39 -0.01	85.58 6.06 -0.01	89.46 6.40 0.00	100.88 7.19 -7.88	133.35 10.26 -5.60	144.09 10.98 -9.03	154.07 11.82 0.00	226.76 16.74 0.00	126.93 9.73 -0.01	71.53 4.76 -14.58	71.22 4.41 -16.40	71.29 4.27 -18.65	75.32 5.62 -11.47	132.04 9.19 -31.53	217.94 11.15 -97.36	281.51 9.31 -182.20	123.72 7.26 -45.17	105.74 7.10 -25.22	100.08 7.56 -6.90	89.96 6.79 -0.25
GOWANUS_GT4_2 24131	103.05 7.29 0.00	113.67 7.70 0.00	114.99 7.07 0.00	84.89 5.31 -0.01	97.24 6.39 -0.01	85.58 6.06 -0.01	89.46 6.40 0.00	100.88 7.19 -7.88	133.35 10.26 -5.60	144.09 10.98 -9.03	154.07 11.82 0.00	226.76 16.74 0.00	126.93 9.73 -0.01	71.53 4.76 -14.58	71.22 4.41 -16.40	71.29 4.27 -18.65	75.32 5.62 -11.47	132.04 9.19 -31.53	217.94 11.15 -97.36	281.51 9.31 -182.20	123.72 7.26 -45.17	105.74 7.10 -25.22	100.08 7.56 -6.90	89.96 6.79 -0.25

GOWANUS_GT4_3 24132	103.05 7.29 0.00	113.67 7.70 0.00	114.99 7.07 0.00	84.89 5.31 -0.01	97.24 6.39 -0.01	85.58 6.06 -0.01	89.46 6.40 0.00	100.88 7.19 -7.88	133.35 10.26 -5.60	144.09 10.98 -9.03	154.07 11.82 0.00	226.76 16.74 0.00	126.93 9.73 -0.01	71.53 4.76 -14.58	71.22 4.41 -16.40	71.29 4.27 -18.65	75.32 5.62 -11.47	132.04 9.19 -31.53	217.94 11.15 -97.36	281.51 9.31 -182.20	123.72 7.26 -45.17	105.74 7.10 -25.22	100.08 7.56 -6.90	89.96 6.79 -0.25
GOWANUS_GT4_4 24133	103.05 7.29 0.00	113.67 7.70 0.00	114.99 7.07 0.00	84.89 5.31 -0.01	97.24 6.39 -0.01	85.58 6.06 -0.01	89.46 6.40 0.00	100.88 7.19 -7.88	133.35 10.26 -5.60	144.09 10.98 -9.03	154.07 11.82 0.00	226.76 16.74 0.00	126.93 9.73 -0.01	71.53 4.76 -14.58	71.22 4.41 -16.40	71.29 4.27 -18.65	75.32 5.62 -11.47	132.04 9.19 -31.53	217.94 11.15 -97.36	281.51 9.31 -182.20	123.72 7.26 -45.17	105.74 7.10 -25.22	100.08 7.56 -6.90	89.96 6.79 -0.25
GOWANUS_GT4_5 24134	103.05 7.29 0.00	113.67 7.70 0.00	114.99 7.07 0.00	84.89 5.31 -0.01	97.24 6.39 -0.01	85.58 6.06 -0.01	89.46 6.40 0.00	100.88 7.19 -7.88	133.35 10.26 -5.60	144.09 10.98 -9.03	154.07 11.82 0.00	226.76 16.74 0.00	126.93 9.73 -0.01	71.53 4.76 -14.58	71.22 4.41 -16.40	71.29 4.27 -18.65	75.32 5.62 -11.47	132.04 9.19 -31.53	217.94 11.15 -97.36	281.51 9.31 -182.20	123.72 7.26 -45.17	105.74 7.10 -25.22	100.08 7.56 -6.90	89.96 6.79 -0.25
GOWANUS_GT4_6 24135	103.05 7.29 0.00	113.67 7.70 0.00	114.99 7.07 0.00	84.89 5.31 -0.01	97.24 6.39 -0.01	85.58 6.06 -0.01	89.46 6.40 0.00	100.88 7.19 -7.88	133.35 10.26 -5.60	144.09 10.98 -9.03	154.07 11.82 0.00	226.76 16.74 0.00	126.93 9.73 -0.01	71.53 4.76 -14.58	71.22 4.41 -16.40	71.29 4.27 -18.65	75.32 5.62 -11.47	132.04 9.19 -31.53	217.94 11.15 -97.36	281.51 9.31 -182.20	123.72 7.26 -45.17	105.74 7.10 -25.22	100.08 7.56 -6.90	89.96 6.79 -0.25
GOWANUS_GT4_7 24136	103.05 7.29 0.00	113.67 7.70 0.00	114.99 7.07 0.00	84.89 5.31 -0.01	97.24 6.39 -0.01	85.58 6.06 -0.01	89.46 6.40 0.00	100.88 7.19 -7.88	133.35 10.26 -5.60	144.09 10.98 -9.03	154.07 11.82 0.00	226.76 16.74 0.00	126.93 9.73 -0.01	71.53 4.76 -14.58	71.22 4.41 -16.40	71.29 4.27 -18.65	75.32 5.62 -11.47	132.04 9.19 -31.53	217.94 11.15 -97.36	281.51 9.31 -182.20	123.72 7.26 -45.17	105.74 7.10 -25.22	100.08 7.56 -6.90	89.96 6.79 -0.25
GOWANUS_GT4_8 24137	103.05 7.29 0.00	113.67 7.70 0.00	114.99 7.07 0.00	84.89 5.31 -0.01	97.24 6.39 -0.01	85.58 6.06 -0.01	89.46 6.40 0.00	100.88 7.19 -7.88	133.35 10.26 -5.60	144.09 10.98 -9.03	154.07 11.82 0.00	226.76 16.74 0.00	126.93 9.73 -0.01	71.53 4.76 -14.58	71.22 4.41 -16.40	71.29 4.27 -18.65	75.32 5.62 -11.47	132.04 9.19 -31.53	217.94 11.15 -97.36	281.51 9.31 -182.20	123.72 7.26 -45.17	105.74 7.10 -25.22	100.08 7.56 -6.90	89.96 6.79 -0.25
GREENBSH_115KV_TB3 55895	99.65 3.89 0.00	110.20 4.22 0.00	111.92 4.00 0.00	82.32 2.75 0.00	94.15 3.29 0.00	82.52 3.01 0.00	86.22 3.17 0.00	89.21 3.40 0.00	122.39 4.91 0.00	129.29 5.22 0.00	148.00 5.75 0.00	217.69 7.67 0.00	121.89 4.71 0.00	54.33 2.14 0.00	52.26 1.85 0.00	49.81 1.44 0.00	59.98 1.75 0.00	93.90 2.58 0.00	112.46 3.03 0.00	92.48 2.47 0.00	73.49 2.20 0.00	75.87 2.45 0.00	88.45 2.84 0.00	86.05 3.13 0.00
GREENDGE_115KV_TB5 80291	93.66 -2.10 0.00	103.25 -2.72 0.00	105.60 -2.31 0.00	78.00 -1.58 0.00	89.18 -1.66 0.00	78.65 -0.87 0.00	81.93 -1.12 0.00	84.47 -1.35 0.00	114.64 -2.84 0.00	121.01 -3.06 0.00	138.64 -3.61 0.00	203.26 -6.76 0.00	113.42 -3.77 0.00	50.55 -1.64 0.00	48.95 -1.46 0.00	47.28 -1.09 0.00	56.81 -1.41 0.00	93.26 -2.45 -4.39	127.33 -3.15 -21.04	87.16 -3.15 -0.30	69.01 -2.27 0.00	70.94 -2.49 0.00	82.44 -3.18 0.00	79.83 -3.09 0.00
GREENIDGE___3 23582	93.66 -2.10 0.00	103.25 -2.72 0.00	105.60 -2.31 0.00	78.00 -1.58 0.00	89.18 -1.66 0.00	78.65 -0.87 0.00	81.93 -1.12 0.00	84.47 -1.35 0.00	114.64 -2.84 0.00	121.01 -3.06 0.00	138.64 -3.61 0.00	203.26 -6.76 0.00	113.42 -3.77 0.00	50.55 -1.64 0.00	48.95 -1.46 0.00	47.28 -1.09 0.00	56.81 -1.41 0.00	93.26 -2.45 -4.39	127.33 -3.15 -21.04	87.16 -3.15 -0.30	69.01 -2.27 0.00	70.94 -2.49 0.00	82.44 -3.18 0.00	79.83 -3.09 0.00
GREENIDGE___4 23583	94.72 -2.11 -1.07	103.25 -2.72 0.00	110.76 -2.33 -5.17	78.49 -1.58 -0.50	89.16 -1.69 0.00	78.65 -0.87 0.00	81.93 -1.12 0.00	85.76 -1.36 -1.30	114.64 -2.85 0.00	121.01 -3.06 0.00	138.66 -3.59 0.00	203.29 -6.73 0.00	113.42 -3.77 0.00	50.55 -1.65 0.00	48.95 -1.46 0.00	47.28 -1.09 0.00	56.82 -1.40 0.00	93.28 -2.44 -4.39	127.36 -3.12 -21.04	87.14 -3.17 -0.30	69.01 -2.27 0.00	70.91 -2.52 0.00	82.44 -3.18 0.00	79.83 -3.09 0.00
GREENLWN_69_KV_BK 3 55738	103.54 7.78 0.00	114.30 8.33 0.00	115.87 7.95 0.00	85.68 6.10 0.00	98.15 7.30 0.00	86.58 7.06 0.00	90.73 7.68 0.00	94.18 8.37 0.00	128.12 10.63 0.00	135.10 11.03 0.00	153.30 11.05 0.00	222.57 13.88 1.34	126.86 9.67 0.00	57.40 5.21 0.00	55.36 4.95 0.00	53.20 4.84 0.00	64.36 6.14 0.00	100.63 9.30 0.00	120.66 11.22 0.00	100.12 9.97 -0.15	79.12 7.84 0.00	80.92 7.49 0.00	93.60 7.99 0.00	89.96 7.04 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	103.05 7.29 0.00	113.67 7.70 0.00	114.99 7.07 0.00	84.89 5.31 -0.01	97.24 6.39 -0.01	85.58 6.06 -0.01	89.46 6.40 0.00	100.88 7.19 -7.88	133.35 10.26 -5.60	144.09 10.98 -9.03	154.07 11.82 0.00	226.76 16.74 0.00	126.93 9.73 -0.01	71.53 4.76 -14.58	71.22 4.41 -16.40	71.29 4.27 -18.65	75.32 5.62 -11.47	131.98 9.19 -31.47	177.78 11.15 -57.20	174.72 9.31 -75.41	123.72 7.26 -45.17	105.74 7.10 -25.22	100.08 7.56 -6.90	89.96 6.79 -0.25
GRISSOM___SOLAR 323813	101.87 6.12 0.00	112.42 6.45 0.00	114.44 6.52 0.00	84.29 4.72 0.00	96.27 5.42 0.00	84.38 4.86 0.00	88.26 5.21 0.00	91.57 5.76 0.00	125.40 7.91 0.00	132.27 8.20 0.00	150.27 8.02 0.00	220.94 10.92 0.00	122.79 5.61 0.00	54.82 2.63 0.00	53.13 2.72 0.00	51.24 2.87 0.00	62.10 3.88 0.00	97.75 6.42 0.00	117.00 7.57 0.00	96.36 6.35 0.00	76.24 4.95 0.00	78.29 4.87 0.00	90.96 5.34 0.00	87.64 4.72 0.00
GROVEVILLE___HYD 323602	103.10 7.34 0.00	113.69 7.71 0.00	115.04 7.12 0.00	84.76 5.18 0.00	97.03 6.18 0.00	85.36 5.85 0.00	89.45 6.40 0.00	92.91 7.09 0.00	127.58 10.09 0.00	134.92 10.85 0.00	154.24 11.99 0.00	227.16 17.14 0.00	127.03 9.85 0.00	56.82 4.63 0.00	54.73 4.32 0.00	52.57 4.20 0.00	63.67 5.45 0.00	100.25 8.92 0.00	120.25 10.81 0.00	98.97 8.96 0.00	78.25 6.97 0.00	80.21 6.78 0.00	92.93 7.31 0.00	89.57 6.65 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	95.21 -0.55 0.00	105.23 -0.74 0.00	107.24 -0.67 0.00	79.10 -0.48 0.00	90.31 -0.55 0.00	79.05 -0.46 0.00	82.59 -0.46 0.00	85.37 -0.45 0.00	116.81 -0.67 0.00	123.42 -0.65 0.00	141.47 -0.78 0.00	208.62 -1.40 0.00	116.22 -0.96 0.00	51.78 -0.41 0.00	50.02 -0.39 0.00	48.10 -0.27 0.00	57.96 -0.27 0.00	91.04 -0.29 0.00	109.16 -0.28 0.00	89.59 -0.41 0.00	70.82 -0.46 0.00	72.83 -0.59 0.00	84.69 -0.92 0.00	82.02 -0.90 0.00

HAMLTNNY_34_KV_TB 80303	95.54 -0.22 0.00	105.56 -0.41 0.00	107.65 -0.27 0.00	79.38 -0.19 0.00	90.63 -0.22 0.00	79.32 -0.20 0.00	82.84 -0.21 0.00	85.68 -0.13 0.00	117.24 -0.25 0.00	123.90 -0.17 0.00	142.02 -0.23 0.00	209.28 -0.73 0.00	116.53 -0.66 0.00	51.89 -0.30 0.00	50.14 -0.26 0.00	48.24 -0.13 0.00	58.14 -0.09 0.00	91.32 0.00 0.00	109.49 0.05 0.00	89.86 -0.14 0.00	70.99 -0.30 0.00	73.02 -0.40 0.00	84.89 -0.72 0.00	82.20 -0.72 0.00
HAMPSHIRE___PAPER_HYD 323593	96.54 0.79 0.00	106.87 0.90 0.00	109.23 1.31 0.00	80.66 1.08 0.00	91.95 1.10 0.00	80.05 0.53 0.00	83.10 0.06 0.00	85.37 -0.44 0.00	116.88 -0.61 0.00	123.31 -0.76 0.00	141.24 -1.01 0.00	208.83 -1.19 0.00	116.18 -1.00 0.00	51.56 -0.63 0.00	49.74 -0.66 0.00	47.76 -0.61 0.00	57.57 -0.66 0.00	90.73 -0.60 0.00	108.39 -1.05 0.00	89.13 -0.88 0.00	70.44 -0.84 0.00	73.17 -0.25 0.00	85.53 -0.09 0.00	83.07 0.15 0.00
HARDSCRABBLE_WT_PWR 323673	99.03 3.27 0.00	109.60 3.63 0.00	110.91 2.99 0.00	81.68 2.11 0.00	93.55 2.70 0.00	82.22 2.70 0.00	86.11 3.06 0.00	89.42 3.60 0.00	122.71 5.23 0.00	129.76 5.69 0.00	148.18 5.93 0.00	217.57 7.56 0.00	121.29 4.10 0.00	54.03 1.84 0.00	51.96 1.56 0.00	49.69 1.33 0.00	60.05 1.83 0.00	94.16 2.83 0.00	112.83 3.39 0.00	93.06 3.06 0.00	73.86 2.58 0.00	75.66 2.23 0.00	88.17 2.56 0.00	85.10 2.18 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	101.45 5.69 0.00	111.94 5.96 0.00	113.24 5.33 0.00	83.48 3.91 0.00	95.58 4.73 0.00	84.06 4.55 0.00	88.07 5.02 0.00	91.41 5.59 0.00	125.43 7.95 0.00	132.61 8.54 0.00	151.56 9.31 0.00	223.31 13.29 0.00	124.87 7.68 0.00	55.81 3.62 0.00	53.76 3.36 0.00	51.64 3.27 0.00	62.55 4.33 0.00	98.49 7.16 0.00	118.18 8.74 0.00	97.29 7.29 0.00	76.93 5.64 0.00	78.87 5.44 0.00	91.41 5.80 0.00	88.13 5.21 0.00
HARSNRAD_115KV_TB1 81005	88.34 -7.42 0.00	97.45 -8.52 0.00	99.73 -8.19 0.00	73.86 -5.72 0.00	83.97 -6.88 0.00	72.67 -6.84 0.00	75.10 -7.95 0.00	76.32 -9.49 0.00	103.22 -14.27 0.00	109.05 -15.02 0.00	125.86 -16.39 0.00	184.53 -25.49 0.00	102.05 -15.13 0.00	45.39 -6.81 0.00	43.84 -6.57 0.00	42.35 -6.02 0.00	50.91 -7.31 0.00	78.08 -11.16 2.08	86.14 -13.33 9.97	77.92 -11.94 0.14	61.80 -9.48 0.00	64.44 -8.99 0.00	75.84 -9.78 0.00	74.38 -8.54 0.00
HARZA MOOSE___RIVER 24016	98.68 2.91 0.00	109.12 3.15 0.00	111.14 3.23 0.00	81.96 2.38 0.00	93.57 2.72 0.00	81.94 2.43 0.00	85.58 2.53 0.00	88.62 2.80 0.00	121.46 3.97 0.00	128.30 4.23 0.00	146.75 4.50 0.00	216.75 6.73 0.00	120.67 3.49 0.00	53.65 1.45 0.00	51.71 1.31 0.00	49.65 1.28 0.00	59.87 1.65 0.00	94.36 3.03 0.00	112.93 3.50 0.00	92.69 2.68 0.00	73.19 1.91 0.00	75.35 1.93 0.00	87.41 1.79 0.00	84.63 1.70 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	94.31 -1.45 0.00	104.21 -1.76 0.00	106.11 -1.81 0.00	78.25 -1.33 0.00	89.34 -1.51 0.00	78.25 -1.27 0.00	81.72 -1.33 0.00	84.48 -1.34 0.00	115.54 -1.95 0.00	122.07 -2.00 0.00	140.00 -2.25 0.00	206.44 -3.58 0.00	114.96 -2.22 0.00	51.22 -0.97 0.00	49.47 -0.94 0.00	47.57 -0.80 0.00	57.30 -0.92 0.00	89.98 -1.34 0.00	107.88 -1.55 0.00	88.56 -1.44 0.00	70.01 -1.28 0.00	72.01 -1.42 0.00	83.78 -1.83 0.00	81.16 -1.77 0.00
HELLGATE_13_KV_LD 55870	102.49 6.73 0.00	113.04 7.07 0.00	114.36 6.44 0.00	84.35 4.77 -0.01	96.61 5.75 -0.01	85.03 5.51 -0.01	89.12 6.06 0.00	92.61 6.79 0.00	127.21 9.72 0.00	134.52 10.45 0.00	153.58 11.33 0.00	226.02 15.99 0.00	126.52 9.33 0.00	56.69 4.50 0.00	54.55 4.14 0.00	52.40 4.03 0.00	63.51 5.30 0.00	99.96 8.64 0.00	119.92 10.48 0.00	98.77 8.76 0.00	78.13 6.84 0.00	80.10 6.67 -0.01	92.77 7.16 0.00	89.34 6.41 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	102.49 6.73 0.00	113.04 7.07 0.00	114.36 6.44 0.00	84.35 4.77 -0.01	96.61 5.75 -0.01	85.03 5.51 -0.01	89.12 6.06 0.00	92.61 6.79 0.00	127.21 9.72 0.00	134.52 10.45 0.00	153.58 11.33 0.00	226.02 15.99 0.00	126.52 9.33 0.00	56.69 4.50 0.00	54.55 4.14 0.00	52.40 4.03 0.00	63.51 5.30 0.00	99.96 8.64 0.00	119.92 10.48 0.00	98.77 8.76 0.00	78.13 6.84 0.00	80.10 6.67 -0.01	92.77 7.16 0.00	89.34 6.41 0.00
HEMPSTEAD____ 23647	102.84 7.08 0.00	113.46 7.49 0.00	114.91 6.98 0.00	84.93 5.35 0.00	97.20 6.35 0.00	85.64 6.12 0.00	89.82 6.76 0.00	93.28 7.46 0.00	127.25 9.76 0.00	134.32 10.25 0.00	152.62 10.37 0.00	222.38 13.45 1.09	126.16 8.98 0.00	56.89 4.69 0.00	54.78 4.37 0.00	52.63 4.27 0.00	63.79 5.57 0.00	99.99 8.67 0.00	119.88 10.44 0.00	99.30 9.15 -0.15	78.44 7.15 0.00	80.29 6.86 0.00	93.10 7.49 0.00	89.57 6.64 0.00
HEWLETT_69_KV_BK3 55828	103.77 8.02 0.00	114.39 8.42 0.00	116.04 8.12 0.00	85.70 6.13 0.00	98.12 7.27 0.00	86.48 6.97 0.00	90.60 7.55 0.00	93.94 8.12 0.00	128.52 11.04 0.00	135.45 11.38 0.00	154.07 11.82 0.00	227.32 15.32 -1.98	127.60 10.41 0.00	57.42 5.23 0.00	55.24 4.83 0.00	53.20 4.83 0.00	64.45 6.23 0.00	101.04 9.71 0.00	121.08 11.65 0.00	100.38 10.23 -0.15	79.26 7.98 0.00	81.11 7.69 0.00	93.90 8.29 0.00	90.37 7.44 0.00
HICKLING___1 23621	94.95 -0.81 0.00	104.99 -0.98 0.00	106.89 -1.03 0.00	79.06 -0.52 0.00	90.04 -0.81 0.00	78.94 -0.57 0.00	82.16 -0.89 0.00	84.78 -1.04 0.00	115.16 -2.32 0.00	121.45 -2.62 0.00	139.50 -2.75 0.00	206.03 -3.98 0.00	114.02 -3.17 0.00	50.59 -1.61 0.00	48.95 -1.46 0.00	47.23 -1.14 0.00	56.87 -1.35 0.00	90.40 -2.52 -1.59	114.35 -2.68 -7.59	87.58 -2.54 -0.11	68.99 -2.29 0.00	70.87 -2.55 0.00	82.60 -3.01 0.00	80.30 -2.63 0.00
HICKLING___2 23622	94.95 -0.81 0.00	104.99 -0.98 0.00	106.89 -1.03 0.00	79.06 -0.52 0.00	90.04 -0.81 0.00	78.94 -0.57 0.00	82.16 -0.89 0.00	84.78 -1.04 0.00	115.16 -2.32 0.00	121.45 -2.62 0.00	139.50 -2.75 0.00	206.03 -3.98 0.00	114.02 -3.17 0.00	50.59 -1.61 0.00	48.95 -1.46 0.00	47.23 -1.14 0.00	56.87 -1.35 0.00	90.40 -2.52 -1.59	114.35 -2.68 -7.59	87.58 -2.54 -0.11	68.99 -2.29 0.00	70.87 -2.55 0.00	82.60 -3.01 0.00	80.30 -2.63 0.00
HIGH FALLS___HY 23754	104.60 8.84 0.00	115.22 9.25 0.00	116.42 8.50 0.00	85.86 6.28 0.00	98.32 7.47 0.00	86.60 7.08 0.00	90.77 7.72 0.00	94.45 8.64 0.00	129.85 12.37 0.00	137.45 13.37 0.00	157.17 14.93 0.00	231.60 21.57 0.00	129.31 12.12 0.00	57.80 5.61 0.00	55.70 5.30 0.00	53.60 5.23 0.00	65.07 6.85 0.00	102.76 11.43 0.00	123.36 13.93 0.00	101.45 11.44 0.00	80.06 8.78 0.00	81.91 8.48 0.00	94.73 9.11 0.00	91.08 8.16 0.00
HIGH_RIVER___SOLAR 323847	100.20 4.44 0.00	110.66 4.69 0.00	112.55 4.63 0.00	82.92 3.34 0.00	94.76 3.91 0.00	83.07 3.56 0.00	86.87 3.82 0.00	89.96 4.15 0.00	123.35 5.87 0.00	130.23 6.16 0.00	148.86 6.61 0.00	219.15 9.13 0.00	122.24 5.05 0.00	54.48 2.29 0.00	52.68 2.27 0.00	50.61 2.24 0.00	61.13 2.91 0.00	96.05 4.72 0.00	115.07 5.63 0.00	94.63 4.63 0.00	74.90 3.62 0.00	76.98 3.55 0.00	89.49 3.88 0.00	86.45 3.53 0.00

HILLBURN___GT 23639	101.14 5.38 0.00	111.54 5.57 0.00	112.81 4.89 0.00	83.14 3.56 0.00	95.22 4.38 0.00	83.82 4.31 0.00	87.88 4.83 0.00	91.17 5.35 0.00	125.14 7.66 0.00	132.25 8.18 0.00	151.08 8.83 0.00	222.45 12.42 0.00	124.46 7.28 0.00	55.68 3.49 0.00	53.60 3.19 0.00	51.47 3.10 0.00	62.38 4.15 0.00	98.25 6.92 0.00	117.86 8.43 0.00	97.09 7.08 0.00	76.77 5.49 0.00	78.70 5.27 0.00	91.21 5.59 0.00	87.93 5.01 0.00
HILLSIDE_115KV_TB1 80332	93.90 -1.85 0.00	103.86 -2.11 0.00	105.63 -2.29 0.00	78.14 -1.43 0.00	89.01 -1.84 0.00	78.07 -1.44 0.00	81.26 -1.79 0.00	83.98 -1.84 0.00	114.18 -3.31 0.00	120.50 -3.57 0.00	138.45 -3.80 0.00	204.96 -5.06 0.00	113.46 -3.73 0.00	50.36 -1.83 0.00	48.73 -1.68 0.00	46.95 -1.41 0.00	56.59 -1.63 0.00	89.83 -2.91 -1.41	113.17 -3.02 -6.75	87.38 -2.72 -0.10	68.72 -2.56 0.00	70.53 -2.90 0.00	82.16 -3.46 0.00	79.83 -3.09 0.00
HISHELDN_WT_PWR 323625	90.44 -4.49 0.83	100.68 -5.29 0.00	99.15 -4.76 4.01	75.88 -3.31 0.38	86.67 -4.18 0.00	75.33 -4.19 0.00	78.04 -5.02 0.00	78.66 -6.14 1.01	107.88 -9.61 0.00	113.78 -10.30 0.00	131.02 -11.23 0.00	192.10 -17.92 0.00	106.00 -11.19 0.00	47.12 -5.07 0.00	45.44 -4.97 0.00	43.83 -4.54 0.00	52.72 -5.50 0.00	75.32 -8.63 7.38	64.01 -10.09 35.34	80.31 -9.18 0.51	64.03 -7.25 0.00	66.28 -7.14 0.00	77.78 -7.83 0.00	76.10 -6.83 0.00
HOLTSVILLE_IC_1 23690	103.97 8.21 0.00	114.87 8.90 0.00	116.46 8.54 0.00	86.23 6.66 0.00	98.89 8.04 0.00	87.28 7.76 0.00	91.57 8.52 0.00	94.99 9.17 0.00	128.83 11.35 0.00	135.73 11.66 0.00	154.11 11.86 0.00	223.26 14.60 1.36	127.43 10.24 0.00	57.62 5.43 0.00	55.60 5.19 0.00	53.45 5.08 0.00	64.90 6.67 0.00	101.37 10.04 0.00	121.47 12.03 0.00	101.20 11.04 -0.15	79.86 8.58 0.00	81.60 8.18 0.00	94.41 8.79 0.00	90.70 7.78 0.00
HOLTSVILLE_IC_10 23699	104.46 8.70 0.00	115.43 9.46 0.00	117.02 9.10 0.00	86.63 7.05 0.00	99.40 8.55 0.00	87.74 8.22 0.00	92.07 9.02 0.00	95.51 9.69 0.00	129.47 11.98 0.00	136.46 12.39 0.00	155.00 12.75 0.00	224.52 15.84 1.35	128.14 10.96 0.00	57.91 5.71 0.00	55.90 5.49 0.00	53.73 5.36 0.00	65.30 7.08 0.00	102.00 10.67 0.00	122.22 12.78 0.00	101.91 11.76 -0.15	80.42 9.14 0.00	82.15 8.73 0.00	94.98 9.37 0.00	91.21 8.29 0.00
HOLTSVILLE_IC_2 23691	103.97 8.21 0.00	114.87 8.90 0.00	116.46 8.54 0.00	86.23 6.66 0.00	98.89 8.04 0.00	87.28 7.76 0.00	91.57 8.52 0.00	94.99 9.17 0.00	128.83 11.35 0.00	135.73 11.66 0.00	154.11 11.86 0.00	223.26 14.60 1.36	127.43 10.24 0.00	57.62 5.43 0.00	55.60 5.19 0.00	53.45 5.08 0.00	64.90 6.67 0.00	101.37 10.04 0.00	121.47 12.03 0.00	101.20 11.04 -0.15	79.86 8.58 0.00	81.60 8.18 0.00	94.41 8.79 0.00	90.70 7.78 0.00
HOLTSVILLE_IC_3 23692	103.97 8.21 0.00	114.87 8.90 0.00	116.46 8.54 0.00	86.23 6.66 0.00	98.89 8.04 0.00	87.28 7.76 0.00	91.57 8.52 0.00	94.99 9.17 0.00	128.83 11.35 0.00	135.73 11.66 0.00	154.11 11.86 0.00	223.26 14.60 1.36	127.43 10.24 0.00	57.62 5.43 0.00	55.60 5.19 0.00	53.45 5.08 0.00	64.90 6.67 0.00	101.37 10.04 0.00	121.47 12.03 0.00	101.20 11.04 -0.15	79.86 8.58 0.00	81.60 8.18 0.00	94.41 8.79 0.00	90.70 7.78 0.00
HOLTSVILLE_IC_4 23693	103.97 8.21 0.00	114.87 8.90 0.00	116.46 8.54 0.00	86.23 6.66 0.00	98.89 8.04 0.00	87.28 7.76 0.00	91.57 8.52 0.00	94.99 9.17 0.00	128.83 11.35 0.00	135.73 11.66 0.00	154.11 11.86 0.00	223.26 14.60 1.36	127.43 10.24 0.00	57.62 5.43 0.00	55.60 5.19 0.00	53.45 5.08 0.00	64.90 6.67 0.00	101.37 10.04 0.00	121.47 12.03 0.00	101.20 11.04 -0.15	79.86 8.58 0.00	81.60 8.18 0.00	94.41 8.79 0.00	90.70 7.78 0.00
HOLTSVILLE_IC_5 23694	103.97 8.21 0.00	114.87 8.90 0.00	116.46 8.54 0.00	86.23 6.66 0.00	98.89 8.04 0.00	87.28 7.76 0.00	91.57 8.52 0.00	94.99 9.17 0.00	128.83 11.35 0.00	135.73 11.66 0.00	154.11 11.86 0.00	223.26 14.60 1.36	127.43 10.24 0.00	57.62 5.43 0.00	55.60 5.19 0.00	53.45 5.08 0.00	64.90 6.67 0.00	101.37 10.04 0.00	121.47 12.03 0.00	101.20 11.04 -0.15	79.86 8.58 0.00	81.60 8.18 0.00	94.41 8.79 0.00	90.70 7.78 0.00
HOLTSVILLE_IC_6 23695	104.46 8.70 0.00	115.43 9.46 0.00	117.02 9.10 0.00	86.63 7.05 0.00	99.40 8.55 0.00	87.74 8.22 0.00	92.07 9.02 0.00	95.51 9.69 0.00	129.47 11.98 0.00	136.46 12.39 0.00	155.00 12.75 0.00	224.52 15.84 1.35	128.14 10.96 0.00	57.91 5.71 0.00	55.90 5.49 0.00	53.73 5.36 0.00	65.30 7.08 0.00	102.00 10.67 0.00	122.22 12.78 0.00	101.91 11.76 -0.15	80.42 9.14 0.00	82.15 8.73 0.00	94.98 9.37 0.00	91.21 8.29 0.00
HOLTSVILLE_IC_7 23696	104.46 8.70 0.00	115.43 9.46 0.00	117.02 9.10 0.00	86.63 7.05 0.00	99.40 8.55 0.00	87.74 8.22 0.00	92.07 9.02 0.00	95.51 9.69 0.00	129.47 11.98 0.00	136.46 12.39 0.00	155.00 12.75 0.00	224.52 15.84 1.35	128.14 10.96 0.00	57.91 5.71 0.00	55.90 5.49 0.00	53.73 5.36 0.00	65.30 7.08 0.00	102.00 10.67 0.00	122.22 12.78 0.00	101.91 11.76 -0.15	80.42 9.14 0.00	82.15 8.73 0.00	94.98 9.37 0.00	91.21 8.29 0.00
HOLTSVILLE_IC_8 23697	104.46 8.70 0.00	115.43 9.46 0.00	117.02 9.10 0.00	86.63 7.05 0.00	99.40 8.55 0.00	87.74 8.22 0.00	92.07 9.02 0.00	95.51 9.69 0.00	129.47 11.98 0.00	136.46 12.39 0.00	155.00 12.75 0.00	224.52 15.84 1.35	128.14 10.96 0.00	57.91 5.71 0.00	55.90 5.49 0.00	53.73 5.36 0.00	65.30 7.08 0.00	102.00 10.67 0.00	122.22 12.78 0.00	101.91 11.76 -0.15	80.42 9.14 0.00	82.15 8.73 0.00	94.98 9.37 0.00	91.21 8.29 0.00
HOLTSVILLE_IC_9 23698	104.46 8.70 0.00	115.43 9.46 0.00	117.02 9.10 0.00	86.63 7.05 0.00	99.40 8.55 0.00	87.74 8.22 0.00	92.07 9.02 0.00	95.51 9.69 0.00	129.47 11.98 0.00	136.46 12.39 0.00	155.00 12.75 0.00	224.52 15.84 1.35	128.14 10.96 0.00	57.91 5.71 0.00	55.90 5.49 0.00	53.73 5.36 0.00	65.30 7.08 0.00	102.00 10.67 0.00	122.22 12.78 0.00	101.91 11.76 -0.15	80.42 9.14 0.00	82.15 8.73 0.00	94.98 9.37 0.00	91.21 8.29 0.00
HOMER_HL_115KV_TB2 355744	94.65 -1.10 0.00	104.49 -1.48 0.00	107.11 -0.81 0.00	78.90 -0.67 0.00	89.75 -1.10 0.00	78.14 -1.37 0.00	80.74 -2.32 0.00	82.11 -3.71 0.00	111.55 -5.93 0.00	117.66 -6.41 0.00	136.30 -5.95 0.00	200.91 -9.11 0.00	111.48 -5.71 0.00	49.73 -2.47 0.00	48.04 -2.37 0.00	46.39 -1.98 0.00	55.66 -2.56 0.00	86.06 -4.78 0.49	101.13 -5.97 2.34	84.80 -5.17 0.03	66.98 -4.30 0.00	68.98 -4.45 0.00	80.91 -4.70 0.00	79.25 -3.67 0.00
HOWARD_WT_PWR 323690	95.84 -0.50 -0.59	105.24 -0.73 0.00	110.37 -0.39 -2.85	79.74 -0.11 -0.27	90.48 -0.37 0.00	79.19 -0.32 0.00	82.35 -0.70 0.00	85.28 -1.25 -0.72	114.35 -3.14 0.00	119.94 -4.14 0.00	137.31 -4.94 0.00	200.73 -9.29 0.00	110.28 -6.91 0.00	48.79 -3.40 0.00	47.24 -3.17 0.00	45.63 -2.74 0.00	54.90 -3.33 0.00	94.23 -5.90 -8.80	144.26 -7.34 -42.16	83.76 -6.85 -0.61	66.30 -4.98 0.00	68.56 -4.87 0.00	80.16 -5.46 0.00	78.16 -4.75 0.00

HQ_GEN_CEDARS 23644	95.72 -0.04 0.00	106.15 0.18 0.00	108.80 0.87 0.00	80.42 0.85 0.00	91.52 0.67 0.00	79.62 0.10 0.00	82.78 -0.27 0.00	84.99 -0.82 0.00	116.29 -1.20 0.00	122.65 -1.42 0.00	140.91 -1.34 0.00	208.61 -1.41 0.00	116.13 -1.06 0.00	51.58 -0.61 0.00	49.90 -0.51 0.00	47.92 -0.45 0.00	57.57 -0.65 0.00	90.17 -1.16 0.00	107.74 -1.69 0.00	88.83 -1.18 0.00	70.42 -0.87 0.00	73.01 -0.41 0.00	85.73 0.11 0.00	83.22 0.29 0.00
HQ_GEN_CEDARS_PROXY 323590	95.72 -0.04 0.00	106.15 0.18 0.00	108.80 0.88 0.00	80.42 0.85 0.00	91.52 0.67 0.00	79.62 0.10 0.00	82.78 -0.27 0.00	85.00 -0.82 0.00	116.28 -1.21 0.00	122.66 -1.41 0.00	140.91 -1.34 0.00	208.61 -1.41 0.00	116.13 -1.06 0.00	51.58 -0.61 0.00	49.90 -0.51 0.00	47.92 -0.45 0.00	57.57 -0.65 0.00	90.16 -1.17 0.00	107.74 -1.70 0.00	88.83 -1.17 0.00	70.42 -0.87 0.00	73.01 -0.41 0.00	85.73 0.11 0.00	83.22 0.29 0.00
HQ_GEN_IMPORT 323601	94.88 -0.88 0.00	105.19 -0.78 0.00	107.51 -0.41 0.00	79.38 -0.20 0.00	90.45 -0.40 0.00	78.93 -0.58 0.00	82.31 -0.74 0.00	84.86 -0.95 0.00	116.06 -1.43 0.00	122.47 -1.61 0.00	140.69 -1.56 0.00	208.43 -1.59 0.00	116.13 -1.05 0.00	51.61 -0.58 0.00	49.95 -0.46 0.00	47.93 -0.44 0.00	57.54 -0.68 0.00	98.16 -1.20 -8.03	107.84 -1.60 0.00	88.80 -1.20 0.00	70.40 -0.88 0.00	72.74 -0.69 0.00	85.17 -0.45 0.00	82.61 -0.31 0.00
HQ_GEN_WHEEL 23651	94.88 -0.88 0.00	105.19 -0.78 0.00	107.51 -0.41 0.00	79.38 -0.20 0.00	90.45 -0.40 0.00	78.93 -0.58 0.00	82.31 -0.74 0.00	84.86 -0.95 0.00	116.06 -1.43 0.00	122.47 -1.61 0.00	140.69 -1.56 0.00	208.43 -1.59 0.00	116.13 -1.05 0.00	51.61 -0.58 0.00	49.95 -0.46 0.00	47.93 -0.44 0.00	57.54 -0.68 0.00	98.16 -1.20 -8.03	107.84 -1.60 0.00	88.80 -1.20 0.00	70.40 -0.88 0.00	72.74 -0.69 0.00	85.17 -0.45 0.00	82.61 -0.31 0.00
HUDSON AVE_GT_3 23810	102.30 6.54 0.00	112.79 6.81 0.00	114.04 6.12 0.00	84.07 4.49 0.00	96.29 5.44 0.00	84.78 5.27 0.00	88.95 5.90 0.00	92.37 6.55 0.00	126.83 9.35 0.00	134.14 10.07 0.00	153.17 10.92 0.00	225.55 15.53 0.00	126.28 9.09 0.00	56.54 4.35 0.00	54.43 4.03 0.00	52.27 3.90 0.00	63.34 5.12 0.00	99.71 8.38 0.00	119.64 10.21 0.00	98.52 8.52 0.00	77.92 6.64 0.00	79.89 6.47 0.00	92.54 6.93 0.00	89.15 6.23 0.00
HUDSON AVE_GT_4 23540	102.30 6.54 0.00	112.79 6.81 0.00	114.04 6.12 0.00	84.07 4.49 0.00	96.29 5.44 0.00	84.78 5.27 0.00	88.95 5.90 0.00	92.37 6.55 0.00	126.83 9.35 0.00	134.14 10.07 0.00	153.17 10.92 0.00	225.55 15.53 0.00	126.28 9.09 0.00	56.54 4.35 0.00	54.43 4.03 0.00	52.27 3.90 0.00	63.34 5.12 0.00	99.71 8.38 0.00	119.64 10.21 0.00	98.52 8.52 0.00	77.92 6.64 0.00	79.89 6.47 0.00	92.54 6.93 0.00	89.15 6.23 0.00
HUDSON AVE_GT_5 23657	102.30 6.54 0.00	112.79 6.81 0.00	114.04 6.12 0.00	84.07 4.49 0.00	96.29 5.44 0.00	84.78 5.27 0.00	88.95 5.90 0.00	92.37 6.55 0.00	126.83 9.35 0.00	134.14 10.07 0.00	153.17 10.92 0.00	225.55 15.53 0.00	126.28 9.09 0.00	56.54 4.35 0.00	54.43 4.03 0.00	52.27 3.90 0.00	63.34 5.12 0.00	99.71 8.38 0.00	119.64 10.21 0.00	98.52 8.52 0.00	77.92 6.64 0.00	79.89 6.47 0.00	92.54 6.93 0.00	89.15 6.23 0.00
HUDSON_AVE_10 24168	101.80 6.04 0.00	112.27 6.30 0.00	113.55 5.63 0.00	83.78 4.20 0.00	95.95 5.10 0.00	84.47 4.95 0.00	88.64 5.59 0.00	92.02 6.21 0.00	126.36 8.88 0.00	133.66 9.59 0.00	152.54 10.29 0.00	225.44 14.59 -0.83	125.81 8.62 0.00	56.36 4.17 0.00	54.23 3.82 0.00	52.07 3.70 0.00	63.11 4.89 0.00	99.40 8.07 0.00	119.27 9.83 0.00	98.22 8.22 0.00	77.69 6.41 0.00	79.68 6.26 0.00	92.33 6.72 0.00	88.94 6.02 0.00
HUDSON___115KV_TB 4 355613	102.24 6.48 0.00	112.96 6.99 0.00	114.78 6.86 0.00	84.42 4.84 0.00	96.50 5.65 0.00	84.48 4.97 0.00	88.14 5.09 0.00	91.40 5.58 0.00	125.53 8.05 0.00	132.69 8.62 0.00	151.98 9.73 0.00	223.40 13.38 0.00	124.90 7.71 0.00	55.67 3.48 0.00	53.59 3.18 0.00	51.16 2.79 0.00	61.68 3.46 0.00	96.77 5.45 0.00	115.87 6.43 0.00	95.11 5.11 0.00	75.45 4.17 0.00	77.85 4.42 0.00	90.57 4.95 0.00	88.22 5.30 0.00
HUNTER MOUNT___DRP 323613	102.93 7.17 0.00	113.75 7.77 0.00	115.59 7.68 0.00	85.02 5.44 0.00	97.17 6.32 0.00	85.06 5.55 0.00	88.83 5.78 0.00	92.16 6.35 0.00	126.67 9.19 0.00	133.91 9.84 0.00	153.44 11.20 0.00	225.47 15.45 0.00	126.02 8.84 0.00	56.16 3.97 0.00	54.07 3.67 0.00	51.63 3.27 0.00	62.26 4.04 0.00	97.69 6.36 0.00	116.97 7.53 0.00	95.94 5.93 0.00	76.08 4.80 0.00	78.43 5.01 0.00	91.25 5.63 0.00	88.81 5.88 0.00
HUNTINGTON_RES_REC 323705	103.92 8.17 0.00	114.74 8.77 0.00	116.29 8.37 0.00	86.07 6.49 0.00	98.64 7.79 0.00	87.06 7.55 0.00	91.30 8.25 0.00	94.76 8.94 0.00	128.72 11.23 0.00	135.73 11.66 0.00	154.02 11.77 0.00	223.30 14.63 1.35	127.43 10.24 0.00	57.66 5.47 0.00	55.61 5.20 0.00	53.45 5.08 0.00	64.80 6.58 0.00	101.33 10.00 0.00	121.44 12.01 0.00	100.96 10.81 -0.15	79.72 8.44 0.00	81.48 8.06 0.00	94.22 8.61 0.00	90.48 7.56 0.00
HUNTLEY___63 23557	89.69 -6.07 0.00	98.90 -7.07 0.00	101.34 -6.58 0.00	74.93 -4.65 0.00	85.13 -5.72 0.00	73.69 -5.82 0.00	76.21 -6.84 0.00	77.52 -8.29 0.00	104.97 -12.51 0.00	110.92 -13.15 0.00	127.99 -14.25 0.00	187.74 -22.28 0.00	103.83 -13.35 0.00	46.17 -6.02 0.00	44.58 -5.83 0.00	43.06 -5.31 0.00	51.79 -6.44 0.00	79.20 -9.87 2.25	86.86 -11.82 10.76	79.26 -10.59 0.16	62.71 -8.58 0.00	65.18 -8.25 0.00	76.62 -9.00 0.00	75.07 -7.85 0.00
HUNTLEY___64 23558	89.69 -6.07 0.00	98.90 -7.07 0.00	101.34 -6.58 0.00	74.93 -4.65 0.00	85.13 -5.72 0.00	73.69 -5.82 0.00	76.21 -6.84 0.00	77.52 -8.29 0.00	104.97 -12.51 0.00	110.92 -13.15 0.00	127.99 -14.25 0.00	187.74 -22.28 0.00	103.83 -13.35 0.00	46.17 -6.02 0.00	44.58 -5.83 0.00	43.06 -5.31 0.00	51.79 -6.44 0.00	79.20 -9.87 2.25	86.86 -11.82 10.76	79.26 -10.59 0.16	62.71 -8.58 0.00	65.18 -8.25 0.00	76.62 -9.00 0.00	75.07 -7.85 0.00
HUNTLEY___65 23559	89.69 -6.07 0.00	98.90 -7.07 0.00	101.34 -6.58 0.00	74.93 -4.65 0.00	85.13 -5.72 0.00	73.69 -5.82 0.00	76.21 -6.84 0.00	77.52 -8.29 0.00	104.97 -12.51 0.00	110.92 -13.15 0.00	127.99 -14.25 0.00	187.74 -22.28 0.00	103.83 -13.35 0.00	46.17 -6.02 0.00	44.58 -5.83 0.00	43.06 -5.31 0.00	51.79 -6.44 0.00	79.20 -9.87 2.25	86.86 -11.82 10.76	79.26 -10.59 0.16	62.71 -8.58 0.00	65.18 -8.25 0.00	76.62 -9.00 0.00	75.07 -7.85 0.00
HUNTLEY___66 23560	89.69 -6.07 0.00	98.90 -7.07 0.00	101.34 -6.58 0.00	74.93 -4.65 0.00	85.13 -5.72 0.00	73.69 -5.82 0.00	76.21 -6.84 0.00	77.52 -8.29 0.00	104.97 -12.51 0.00	110.92 -13.15 0.00	127.99 -14.25 0.00	187.74 -22.28 0.00	103.83 -13.35 0.00	46.17 -6.02 0.00	44.58 -5.83 0.00	43.06 -5.31 0.00	51.79 -6.44 0.00	79.20 -9.87 2.25	86.86 -11.82 10.76	79.26 -10.59 0.16	62.71 -8.58 0.00	65.18 -8.25 0.00	76.62 -9.00 0.00	75.07 -7.85 0.00

HUNTLEY___67 23561	89.43 -6.33 0.00	98.62 -7.36 0.00	101.23 -6.69 0.00	74.74 -4.83 0.00	84.93 -5.92 0.00	73.57 -5.94 0.00	76.05 -7.00 0.00	77.40 -8.41 0.00	104.73 -12.75 0.00	110.72 -13.35 0.00	127.84 -14.41 0.00	187.50 -22.52 0.00	103.67 -13.51 0.00	46.12 -6.08 0.00	44.52 -5.89 0.00	42.99 -5.38 0.00	51.67 -6.54 0.00	78.57 -10.12 2.64	84.49 -12.28 12.66	79.02 -10.80 0.18	62.55 -8.73 0.00	64.92 -8.50 0.00	76.28 -9.33 0.00	74.81 -8.11 0.00
HUNTLEY___68 23562	89.43 -6.33 0.00	98.62 -7.36 0.00	101.23 -6.69 0.00	74.74 -4.83 0.00	84.93 -5.92 0.00	73.57 -5.94 0.00	76.05 -7.00 0.00	77.40 -8.41 0.00	104.73 -12.75 0.00	110.72 -13.35 0.00	127.84 -14.41 0.00	187.50 -22.52 0.00	103.67 -13.51 0.00	46.12 -6.08 0.00	44.52 -5.89 0.00	42.99 -5.38 0.00	51.67 -6.54 0.00	78.57 -10.12 2.64	84.49 -12.28 12.66	79.02 -10.80 0.18	62.55 -8.73 0.00	64.92 -8.50 0.00	76.28 -9.33 0.00	74.81 -8.11 0.00
HYLAND___LFGE 323620	97.87 2.11 0.00	107.97 2.00 0.00	110.32 2.39 0.00	81.40 1.83 0.00	92.77 1.92 0.00	81.09 1.58 0.00	84.42 1.37 0.00	86.79 0.97 0.00	118.14 0.66 0.00	124.45 0.38 0.00	142.79 0.54 0.00	208.47 -1.55 0.00	114.72 -2.47 0.00	50.93 -1.26 0.00	49.46 -0.95 0.00	47.97 -0.40 0.00	57.96 -0.26 0.00	100.76 -0.17 -9.60	155.32 -0.13 -46.00	89.73 -0.95 -0.67	70.44 -0.84 0.00	72.51 -0.91 0.00	84.54 -1.08 0.00	82.27 -0.65 0.00
INDECK___CORINTH 23802	102.21 6.45 0.00	112.95 6.98 0.00	114.56 6.63 0.00	84.32 4.75 0.00	96.59 5.74 0.00	84.83 5.31 0.00	88.92 5.87 0.00	92.48 6.67 0.00	127.04 9.55 0.00	134.42 10.35 0.00	153.90 11.65 0.00	226.33 16.31 0.00	126.48 9.29 0.00	56.37 4.18 0.00	54.43 4.02 0.00	52.21 3.84 0.00	63.05 4.83 0.00	99.09 7.76 0.00	118.55 9.12 0.00	97.25 7.25 0.00	76.88 5.59 0.00	78.96 5.53 0.00	91.49 5.88 0.00	88.29 5.37 0.00
INDECK___ILION 23567	97.85 2.09 0.00	108.29 2.32 0.00	109.86 1.94 0.00	80.95 1.37 0.00	92.60 1.75 0.00	81.25 1.73 0.00	85.01 1.96 0.00	88.13 2.32 0.00	120.85 3.36 0.00	127.73 3.66 0.00	146.09 3.84 0.00	214.97 4.95 0.00	119.91 2.73 0.00	53.50 1.30 0.00	51.58 1.17 0.00	49.43 1.06 0.00	59.67 1.45 0.00	93.64 2.31 0.00	112.26 2.83 0.00	92.37 2.37 0.00	73.15 1.87 0.00	75.14 1.72 0.00	87.46 1.84 0.00	84.53 1.61 0.00
INDECK___OLEAN 23982	91.72 -1.10 2.93	104.49 -1.48 0.00	92.95 -0.83 14.15	77.55 -0.67 1.36	89.76 -1.10 0.00	78.14 -1.37 0.00	80.75 -2.30 0.00	78.53 -3.72 3.56	111.57 -5.91 0.00	117.67 -6.40 0.00	136.29 -5.96 0.00	201.05 -8.97 0.00	111.47 -5.72 0.00	49.72 -2.47 0.00	48.05 -2.36 0.00	46.39 -1.97 0.00	55.66 -2.56 0.00	86.16 -4.68 0.49	101.48 -5.62 2.34	84.80 -5.17 0.03	66.97 -4.32 0.00	68.88 -4.54 0.00	80.91 -4.71 0.00	79.25 -3.67 0.00
INDECK___OSWEGO 23783	91.83 -3.93 0.00	101.98 -3.99 0.00	104.29 -3.63 0.00	76.88 -2.70 0.00	87.79 -3.06 0.00	76.89 -2.63 0.00	80.27 -2.78 0.00	83.02 -2.80 0.00	113.63 -3.86 0.00	120.03 -4.04 0.00	137.62 -4.63 0.00	202.99 -7.03 0.00	113.17 -4.02 0.00	50.41 -1.78 0.00	48.68 -1.73 0.00	46.74 -1.62 0.00	56.30 -1.92 0.00	88.49 -2.84 0.00	106.04 -3.40 0.00	87.07 -2.93 0.00	68.88 -2.41 0.00	70.88 -2.54 0.00	82.47 -3.14 0.00	79.87 -3.05 0.00
INDECK___YERKES 23781	87.91 -5.97 1.88	99.00 -6.97 0.00	92.36 -6.48 9.08	74.11 -4.60 0.87	85.20 -5.65 0.00	73.75 -5.76 0.00	76.27 -6.78 0.00	75.32 -8.21 2.28	105.08 -12.40 0.00	111.02 -13.05 0.00	128.12 -14.13 0.00	188.01 -22.01 0.00	103.92 -13.27 0.00	46.20 -5.99 0.00	44.62 -5.78 0.00	43.10 -5.26 0.00	51.83 -6.39 0.00	79.34 -9.74 2.25	87.15 -11.52 10.76	79.32 -10.52 0.16	62.75 -8.53 0.00	65.11 -8.31 0.00	76.66 -8.95 0.00	75.12 -7.80 0.00
INDIAN POINT_GT_1 24139	101.53 5.77 0.00	111.97 5.99 0.00	113.27 5.36 0.00	83.48 3.91 0.00	95.59 4.74 0.00	84.14 4.62 0.00	88.21 5.16 0.00	91.52 5.71 0.00	125.60 8.12 0.00	132.74 8.67 0.00	151.64 9.39 0.00	223.24 13.22 0.00	124.95 7.77 0.00	55.91 3.72 0.00	53.83 3.42 0.00	51.69 3.33 0.00	62.62 4.40 0.00	98.57 7.25 0.00	118.28 8.84 0.00	97.41 7.40 0.00	77.05 5.77 0.00	79.00 5.57 0.00	91.55 5.94 0.00	88.24 5.32 0.00
INDIAN POINT_GT_2 23659	101.53 5.77 0.00	111.97 5.99 0.00	113.27 5.36 0.00	83.48 3.91 0.00	95.59 4.74 0.00	84.14 4.62 0.00	88.21 5.16 0.00	91.52 5.71 0.00	125.60 8.12 0.00	132.74 8.67 0.00	151.64 9.39 0.00	223.24 13.22 0.00	124.95 7.77 0.00	55.91 3.72 0.00	53.83 3.42 0.00	51.69 3.33 0.00	62.62 4.40 0.00	98.57 7.25 0.00	118.28 8.84 0.00	97.41 7.40 0.00	77.05 5.77 0.00	79.00 5.57 0.00	91.55 5.94 0.00	88.24 5.32 0.00
INDIAN POINT_GT_3 24019	101.53 5.77 0.00	111.97 5.99 0.00	113.27 5.36 0.00	83.48 3.91 0.00	95.59 4.74 0.00	84.14 4.62 0.00	88.21 5.16 0.00	91.52 5.71 0.00	125.60 8.12 0.00	132.74 8.67 0.00	151.64 9.39 0.00	223.24 13.22 0.00	124.95 7.77 0.00	55.91 3.72 0.00	53.83 3.42 0.00	51.69 3.33 0.00	62.62 4.40 0.00	98.57 7.25 0.00	118.28 8.84 0.00	97.41 7.40 0.00	77.05 5.77 0.00	79.00 5.57 0.00	91.55 5.94 0.00	88.24 5.32 0.00
INDIAN POINT___2 23530	101.26 5.50 0.00	111.72 5.75 0.00	113.00 5.08 0.00	83.26 3.68 0.00	95.35 4.50 0.00	83.95 4.44 0.00	87.98 4.93 0.00	91.32 5.51 0.00	125.29 7.80 0.00	132.42 8.35 0.00	151.25 9.00 0.00	222.66 12.64 0.00	124.64 7.45 0.00	55.76 3.57 0.00	53.69 3.28 0.00	51.55 3.18 0.00	62.46 4.24 0.00	98.34 7.01 0.00	117.95 8.51 0.00	97.16 7.16 0.00	76.85 5.57 0.00	78.78 5.36 0.00	91.31 5.69 0.00	88.03 5.11 0.00
INDIAN POINT___3 23531	101.34 5.58 0.00	111.76 5.79 0.00	113.09 5.17 0.00	83.33 3.75 0.00	95.42 4.57 0.00	83.98 4.47 0.00	88.04 4.99 0.00	91.35 5.53 0.00	125.36 7.87 0.00	132.49 8.42 0.00	151.33 9.08 0.00	222.82 12.80 0.00	124.70 7.51 0.00	55.80 3.61 0.00	53.73 3.32 0.00	51.59 3.22 0.00	62.49 4.27 0.00	98.34 7.02 0.00	118.01 8.57 0.00	97.17 7.17 0.00	76.86 5.58 0.00	78.81 5.39 0.00	91.36 5.74 0.00	88.07 5.15 0.00
INGHAM_C_115KV_TB7 356103	99.45 3.69 0.00	110.12 4.15 0.00	111.28 3.36 0.00	81.96 2.38 0.00	93.88 3.03 0.00	82.60 3.09 0.00	86.57 3.52 0.00	89.98 4.17 0.00	123.55 6.07 0.00	130.70 6.63 0.00	149.09 6.84 0.00	218.54 8.52 0.00	121.86 4.67 0.00	54.38 2.19 0.00	52.36 1.96 0.00	50.10 1.73 0.00	60.70 2.48 0.00	95.28 3.96 0.00	114.24 4.81 0.00	94.07 4.07 0.00	74.57 3.28 0.00	76.39 2.96 0.00	88.80 3.19 0.00	85.71 2.79 0.00
IP CORINTH___1 23988	102.21 6.45 0.00	112.96 6.98 0.00	114.55 6.63 0.00	84.32 4.75 0.00	96.58 5.73 0.00	84.83 5.31 0.00	88.92 5.87 0.00	92.48 6.67 0.00	127.04 9.56 0.00	134.42 10.35 0.00	153.90 11.65 0.00	226.33 16.31 0.00	126.47 9.28 0.00	56.37 4.18 0.00	54.43 4.02 0.00	52.21 3.84 0.00	63.04 4.82 0.00	99.09 7.76 0.00	118.56 9.12 0.00	97.25 7.24 0.00	76.88 5.59 0.00	78.94 5.52 0.00	91.50 5.88 0.00	88.28 5.36 0.00

IP___TICONDEROGA 23804	105.12 9.36 0.00	116.11 10.14 0.00	117.35 9.43 0.00	86.39 6.82 0.00	99.44 8.59 0.00	87.40 7.88 0.00	91.91 8.86 0.00	96.61 10.80 0.00	132.68 15.19 0.00	140.51 16.43 0.00	161.56 19.31 0.00	236.74 26.72 0.00	132.04 14.85 0.00	58.81 6.61 0.00	56.86 6.45 0.00	54.61 6.25 0.00	66.01 7.79 0.00	103.68 12.35 0.00	123.75 14.31 0.00	101.30 11.30 0.00	79.91 8.63 0.00	81.92 8.49 0.00	94.73 9.11 0.00	90.97 8.05 0.00
ISLIP_RES_REC 323679	104.83 9.08 0.00	115.82 9.85 0.00	117.39 9.47 0.00	86.92 7.34 0.00	99.71 8.86 0.00	88.04 8.53 0.00	92.40 9.35 0.00	95.90 10.09 0.00	130.02 12.54 0.00	137.06 12.99 0.00	155.65 13.40 0.00	225.49 16.80 1.34	128.73 11.54 0.00	58.15 5.95 0.00	56.12 5.71 0.00	53.96 5.59 0.00	65.59 7.37 0.00	102.49 11.17 0.00	122.83 13.39 0.00	102.41 12.25 -0.15	80.77 9.48 0.00	82.49 9.06 0.00	95.34 9.72 0.00	91.57 8.65 0.00
JAMAICA__27_KV_LOAD 355505	102.10 6.34 0.00	112.44 6.47 0.00	113.71 5.79 0.00	84.10 4.53 0.00	96.31 5.46 0.00	84.77 5.26 0.00	88.98 5.93 0.00	92.28 6.46 0.00	126.80 9.31 0.00	134.19 10.12 0.00	152.86 10.61 0.00	226.27 15.23 -1.01	126.35 9.16 0.00	56.61 4.42 0.00	54.41 4.00 0.00	52.24 3.88 0.00	63.34 5.12 0.00	99.94 8.61 0.00	119.99 10.55 0.00	98.79 8.79 0.00	78.18 6.89 0.00	80.18 6.76 0.00	93.05 7.43 0.00	89.61 6.69 0.00
JANIS___SOLAR 323808	101.46 5.70 0.00	112.04 6.06 0.00	113.97 6.05 0.00	84.12 4.55 0.00	96.07 5.22 0.00	84.28 4.77 0.00	88.14 5.09 0.00	91.48 5.66 0.00	125.27 7.78 0.00	132.32 8.25 0.00	151.35 9.10 0.00	222.49 12.47 0.00	122.91 5.73 0.00	54.52 2.33 0.00	52.35 1.95 0.00	50.35 1.98 0.00	61.11 2.89 0.00	96.22 4.89 0.00	115.44 6.00 0.00	95.26 5.26 0.00	75.47 4.19 0.00	77.32 3.90 0.00	89.51 3.89 0.00	86.29 3.36 0.00
JARVIS____ 23743	96.46 0.71 0.00	106.71 0.74 0.00	108.52 0.60 0.00	79.98 0.40 0.00	91.39 0.54 0.00	80.07 0.56 0.00	83.66 0.61 0.00	86.45 0.64 0.00	118.42 0.94 0.00	125.08 1.01 0.00	143.38 1.13 0.00	211.54 1.53 0.00	118.12 0.93 0.00	52.61 0.42 0.00	50.80 0.39 0.00	48.71 0.34 0.00	58.63 0.41 0.00	92.00 0.68 0.00	110.31 0.87 0.00	90.71 0.70 0.00	71.82 0.54 0.00	73.92 0.49 0.00	86.15 0.54 0.00	83.42 0.50 0.00
JENNISON___1 23625	101.88 6.12 0.00	112.56 6.59 0.00	114.30 6.37 0.00	84.27 4.70 0.00	96.42 5.57 0.00	84.66 5.15 0.00	88.52 5.47 0.00	91.91 6.10 0.00	125.80 8.32 0.00	132.96 8.89 0.00	151.99 9.75 0.00	223.41 13.38 0.00	122.56 5.37 0.00	54.18 1.99 0.00	51.92 1.51 0.00	49.86 1.49 0.00	60.72 2.50 0.00	95.31 3.98 0.00	113.90 4.46 0.00	94.74 4.73 0.00	75.46 4.18 0.00	77.38 3.96 0.00	89.57 3.95 0.00	85.94 3.02 0.00
JENNISON___2 23626	101.88 6.12 0.00	112.56 6.59 0.00	114.30 6.37 0.00	84.27 4.70 0.00	96.42 5.57 0.00	84.66 5.15 0.00	88.52 5.47 0.00	91.91 6.10 0.00	125.80 8.32 0.00	132.96 8.89 0.00	151.99 9.75 0.00	223.41 13.38 0.00	122.56 5.37 0.00	54.18 1.99 0.00	51.92 1.51 0.00	49.86 1.49 0.00	60.72 2.50 0.00	95.31 3.98 0.00	113.90 4.46 0.00	94.74 4.73 0.00	75.46 4.18 0.00	77.38 3.96 0.00	89.57 3.95 0.00	85.94 3.02 0.00
JERICHO_RISE_WT_PWR 323719	96.03 0.28 0.00	106.68 0.71 0.00	109.13 1.21 0.00	80.65 1.08 0.00	91.74 0.89 0.00	79.93 0.41 0.00	83.16 0.11 0.00	85.64 -0.17 0.00	117.25 -0.24 0.00	123.79 -0.28 0.00	142.36 0.11 0.00	210.18 0.16 0.00	117.14 -0.04 0.00	52.01 -0.18 0.00	50.24 -0.16 0.00	48.20 -0.17 0.00	57.89 -0.33 0.00	90.41 -0.92 0.00	107.34 -2.09 0.00	88.47 -1.54 0.00	69.91 -1.37 0.00	72.19 -1.23 0.00	84.83 -0.79 0.00	82.12 -0.80 0.00
KATONAH___115KV_46KV_TB4 355592	102.56 6.81 0.00	113.11 7.14 0.00	114.44 6.52 0.00	84.33 4.75 0.00	96.53 5.68 0.00	84.99 5.47 0.00	89.11 6.06 0.00	92.53 6.71 0.00	127.00 9.51 0.00	134.28 10.21 0.00	153.44 11.19 0.00	225.85 15.82 0.00	126.41 9.22 0.00	56.55 4.36 0.00	54.47 4.06 0.00	52.31 3.94 0.00	63.37 5.14 0.00	99.74 8.42 0.00	119.67 10.24 0.00	98.52 8.51 0.00	77.91 6.63 0.00	79.88 6.45 0.00	92.55 6.93 0.00	89.21 6.28 0.00
KCE_NY_1 323755	101.59 5.83 0.00	112.28 6.31 0.00	113.96 6.04 0.00	83.88 4.31 0.00	95.98 5.13 0.00	84.32 4.80 0.00	88.27 5.22 0.00	91.40 5.58 0.00	125.62 8.13 0.00	132.86 8.79 0.00	152.18 9.93 0.00	223.90 13.88 0.00	125.20 8.01 0.00	55.73 3.54 0.00	53.76 3.36 0.00	51.64 3.27 0.00	62.29 4.07 0.00	97.93 6.61 0.00	117.35 7.92 0.00	96.25 6.25 0.00	76.16 4.88 0.00	78.27 4.85 0.00	90.84 5.22 0.00	87.75 4.83 0.00
KCE_NY_6_ESR 323823	89.25 -4.45 2.06	100.57 -5.40 0.00	93.35 -4.61 9.96	75.24 -3.38 0.95	86.67 -4.18 0.00	75.08 -4.43 0.00	77.75 -5.30 0.00	76.67 -6.64 2.50	107.22 -10.27 0.00	113.21 -10.87 0.00	130.71 -11.53 0.00	191.91 -18.11 0.00	105.96 -11.22 0.00	47.18 -5.01 0.00	45.50 -4.91 0.00	43.90 -4.47 0.00	52.81 -5.41 0.00	80.19 -8.38 2.75	86.29 -9.96 13.19	80.72 -9.09 0.19	63.93 -7.35 0.00	66.17 -7.25 0.00	77.75 -7.86 0.00	76.21 -6.71 0.00
KEDC_PORT_JEFF_GT2 24210	104.36 8.60 0.00	115.32 9.35 0.00	116.85 8.93 0.00	86.53 6.95 0.00	99.27 8.42 0.00	87.65 8.13 0.00	91.96 8.91 0.00	95.40 9.58 0.00	129.35 11.86 0.00	136.34 12.27 0.00	154.87 12.62 0.00	224.34 15.67 1.35	128.06 10.87 0.00	57.87 5.68 0.00	55.85 5.44 0.00	53.69 5.32 0.00	65.24 7.02 0.00	101.91 10.58 0.00	122.09 12.65 0.00	101.78 11.63 -0.15	80.33 9.05 0.00	82.06 8.63 0.00	94.88 9.26 0.00	91.12 8.19 0.00
KEDC_PORT_JEFF_GT3 24211	104.36 8.60 0.00	115.32 9.35 0.00	116.85 8.93 0.00	86.53 6.95 0.00	99.27 8.42 0.00	87.65 8.13 0.00	91.96 8.91 0.00	95.40 9.58 0.00	129.35 11.86 0.00	136.34 12.27 0.00	154.87 12.62 0.00	224.34 15.67 1.35	128.06 10.87 0.00	57.87 5.68 0.00	55.85 5.44 0.00	53.69 5.32 0.00	65.24 7.02 0.00	101.91 10.58 0.00	122.09 12.65 0.00	101.78 11.63 -0.15	80.33 9.05 0.00	82.06 8.63 0.00	94.88 9.26 0.00	91.12 8.19 0.00
KEDC_GLWD_GT4 24219	103.01 7.25 0.00	113.63 7.66 0.00	115.02 7.09 0.00	84.87 5.30 0.00	97.19 6.34 0.00	85.61 6.10 0.00	89.77 6.72 0.00	93.19 7.38 0.00	127.52 10.03 0.00	134.64 10.57 0.00	152.64 10.40 0.00	223.33 13.90 0.59	126.02 8.83 0.00	56.76 4.57 0.00	54.62 4.21 0.00	52.38 4.01 0.00	63.48 5.26 0.00	99.67 8.35 0.00	119.53 10.10 0.00	98.83 8.68 -0.15	78.05 6.77 0.00	80.02 6.59 0.00	93.10 7.49 0.00	89.65 6.72 0.00
KEDC_GLWD_GT5 24220	103.01 7.25 0.00	113.63 7.66 0.00	115.02 7.09 0.00	84.87 5.30 0.00	97.19 6.34 0.00	85.61 6.10 0.00	89.77 6.72 0.00	93.19 7.38 0.00	127.52 10.03 0.00	134.64 10.57 0.00	152.64 10.40 0.00	223.33 13.90 0.59	126.02 8.83 0.00	56.76 4.57 0.00	54.62 4.21 0.00	52.38 4.01 0.00	63.48 5.26 0.00	99.67 8.35 0.00	119.53 10.10 0.00	98.83 8.68 -0.15	78.05 6.77 0.00	80.02 6.59 0.00	93.10 7.49 0.00	89.65 6.72 0.00

KENSICO____ 23655	101.87 6.11 0.00	112.37 6.40 0.00	113.67 5.75 0.00	83.78 4.21 0.00	95.91 5.06 0.00	84.43 4.92 0.00	88.52 5.46 0.00	91.86 6.05 0.00	126.06 8.58 0.00	133.25 9.18 0.00	152.19 9.94 0.00	224.05 14.03 0.00	125.43 8.24 0.00	56.12 3.93 0.00	54.06 3.65 0.00	51.90 3.53 0.00	62.89 4.67 0.00	98.93 7.60 0.00	118.71 9.28 0.00	97.77 7.76 0.00	77.34 6.06 0.00	79.30 5.87 0.00	91.88 6.27 0.00	88.56 5.64 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	104.06 8.31 0.00	114.66 8.69 0.00	115.92 8.01 0.00	85.47 5.89 0.00	97.86 7.01 0.00	86.12 6.60 0.00	90.27 7.22 0.00	93.88 8.06 0.00	129.03 11.54 0.00	136.54 12.46 0.00	156.17 13.92 0.00	229.98 19.96 0.00	128.43 11.24 0.00	57.40 5.20 0.00	55.31 4.91 0.00	53.19 4.82 0.00	64.53 6.31 0.00	101.81 10.48 0.00	122.23 12.79 0.00	100.49 10.49 0.00	79.36 8.08 0.00	81.25 7.83 0.00	94.03 8.42 0.00	90.51 7.59 0.00
KIAC_JFK_GT1 23816	101.07 5.31 0.00	111.33 5.36 0.00	112.73 4.81 0.00	83.39 3.81 0.00	95.50 4.65 0.00	83.95 4.43 0.00	88.11 5.06 0.00	91.39 5.58 0.00	125.57 8.08 0.00	132.88 8.81 0.00	151.34 9.09 0.00	224.03 12.99 -1.01	125.11 7.93 0.00	56.06 3.86 0.00	53.89 3.49 0.00	51.74 3.37 0.00	62.72 4.50 0.00	98.96 7.63 0.00	118.81 9.38 0.00	97.83 7.82 0.00	77.40 6.12 0.00	79.39 5.96 0.00	92.13 6.51 0.00	88.74 5.82 0.00
KIAC_JFK_GT2 23817	101.07 5.31 0.00	111.33 5.36 0.00	112.73 4.81 0.00	83.39 3.81 0.00	95.50 4.65 0.00	83.95 4.43 0.00	88.11 5.06 0.00	91.39 5.58 0.00	125.57 8.08 0.00	132.88 8.81 0.00	151.34 9.09 0.00	224.03 12.99 -1.01	125.11 7.93 0.00	56.06 3.86 0.00	53.89 3.49 0.00	51.74 3.37 0.00	62.72 4.50 0.00	98.96 7.63 0.00	118.81 9.38 0.00	97.83 7.82 0.00	77.40 6.12 0.00	79.39 5.96 0.00	92.13 6.51 0.00	88.74 5.82 0.00
KIAC_JFK____ 323774	101.06 5.31 0.00	111.33 5.35 0.00	112.73 4.81 0.00	83.39 3.81 0.00	95.50 4.65 0.00	83.95 4.43 0.00	88.11 5.06 0.00	91.39 5.58 0.00	125.58 8.09 0.00	132.89 8.81 0.00	151.33 9.08 0.00	223.99 12.96 -1.01	125.12 7.93 0.00	56.08 3.89 0.00	53.89 3.48 0.00	51.74 3.38 0.00	62.73 4.50 0.00	98.95 7.62 0.00	118.78 9.35 0.00	97.83 7.82 0.00	77.40 6.12 0.00	79.38 5.96 0.00	92.13 6.51 0.00	88.74 5.82 0.00
KINTIGH____ 23543	89.32 -6.44 0.00	98.56 -7.41 0.00	101.00 -6.92 0.00	74.59 -4.99 0.00	84.84 -6.01 0.00	73.64 -5.88 0.00	76.22 -6.83 0.00	77.75 -8.06 0.00	105.51 -11.97 0.00	111.53 -12.54 0.00	128.61 -13.64 0.00	188.92 -21.10 0.00	104.64 -12.54 0.00	46.58 -5.61 0.00	45.01 -5.40 0.00	43.42 -4.94 0.00	52.21 -9.32 0.00	80.69 -9.32 1.32	91.82 -11.29 6.32	80.01 -9.90 0.09	63.22 -8.07 0.00	65.49 -7.93 0.00	76.89 -8.72 0.00	75.22 -7.70 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	98.34 2.59 0.00	109.12 3.15 0.00	111.65 3.74 0.00	82.34 2.76 0.00	93.59 2.74 0.00	81.51 2.00 0.00	84.74 1.69 0.00	87.20 1.38 0.00	119.53 2.05 0.00	126.32 2.25 0.00	145.37 3.12 0.00	214.08 4.06 0.00	119.35 2.17 0.00	53.06 0.86 0.00	51.23 0.82 0.00	49.10 0.74 0.00	59.15 0.93 0.00	92.44 1.11 0.00	109.64 0.21 0.00	90.39 0.39 0.00	71.23 -0.05 0.00	73.39 -0.04 0.00	86.10 0.48 0.00	83.24 0.32 0.00
LACHUTE____HYDRO 323717	105.12 9.36 0.00	116.12 10.14 0.00	117.35 9.43 0.00	86.39 6.81 0.00	99.43 8.58 0.00	87.40 7.89 0.00	91.91 8.86 0.00	96.61 10.79 0.00	132.68 15.20 0.00	140.51 16.43 0.00	161.57 19.32 0.00	236.74 26.72 0.00	132.04 14.85 0.00	58.81 6.61 0.00	56.86 6.45 0.00	54.61 6.24 0.00	66.01 7.79 0.00	103.68 12.35 0.00	123.76 14.33 0.00	101.30 11.30 0.00	79.91 8.63 0.00	81.92 8.49 0.00	94.73 9.11 0.00	90.98 8.05 0.00
LAWRNCV_115KV_TB1 80681	95.78 0.03 0.00	106.21 0.24 0.00	108.88 0.96 0.00	80.49 0.91 0.00	91.58 0.73 0.00	79.48 -0.04 0.00	82.29 -0.76 0.00	84.12 -1.69 0.00	115.09 -2.40 0.00	121.36 -2.71 0.00	139.31 -2.94 0.00	206.21 -3.81 0.00	114.79 -2.40 0.00	50.94 -1.25 0.00	49.25 -1.16 0.00	47.31 -1.05 0.00	56.87 -1.35 0.00	89.19 -2.13 0.00	106.51 -2.92 0.00	87.82 -2.19 0.00	69.58 -1.70 0.00	72.58 -0.85 0.00	85.47 -0.15 0.00	83.11 0.19 0.00
LEDERLE____ 23769	101.35 5.60 0.00	111.78 5.81 0.00	113.07 5.15 0.00	83.31 3.74 0.00	95.41 4.56 0.00	83.98 4.47 0.00	88.06 5.01 0.00	91.41 5.60 0.00	125.43 7.94 0.00	132.58 8.51 0.00	151.42 9.17 0.00	222.99 12.97 0.00	124.74 7.55 0.00	55.79 3.60 0.00	53.73 3.32 0.00	51.58 3.22 0.00	62.52 4.30 0.00	98.45 7.13 0.00	118.17 8.73 0.00	97.31 7.30 0.00	76.94 5.66 0.00	78.87 5.44 0.00	91.39 5.78 0.00	88.10 5.18 0.00
LIGHTHSE_115KV_TB6 355974	94.74 -1.02 0.00	104.76 -1.21 0.00	106.81 -1.11 0.00	78.78 -0.80 0.00	89.93 -0.92 0.00	78.64 -0.88 0.00	82.05 -1.00 0.00	84.91 -0.90 0.00	116.26 -1.23 0.00	122.83 -1.24 0.00	140.93 -1.32 0.00	208.13 -1.89 0.00	115.90 -1.29 0.00	51.54 -0.65 0.00	49.74 -0.67 0.00	47.73 -0.64 0.00	57.45 -0.77 0.00	90.61 -0.71 0.00	108.45 -0.99 0.00	89.01 -1.00 0.00	70.39 -0.89 0.00	72.46 -0.96 0.00	84.08 -1.54 0.00	81.46 -1.46 0.00
LINDEN COGEN____ 23786	101.52 5.76 0.00	111.98 6.00 0.00	113.25 5.33 0.00	83.43 3.86 0.00	95.57 4.72 0.00	84.20 4.68 0.00	88.38 5.33 0.00	91.78 5.97 0.00	126.03 8.54 0.00	133.26 9.19 0.00	152.13 9.88 0.00	224.03 14.01 0.00	125.41 8.22 0.00	56.16 3.97 0.00	54.03 3.62 0.00	51.88 3.52 0.00	62.89 4.67 0.00	99.04 7.71 0.00	118.77 9.34 0.00	97.86 7.85 0.00	77.40 6.12 0.00	79.34 5.92 0.00	91.91 6.30 0.00	88.60 5.67 0.00
LINDHRST_69_KV_BK1 356055	104.30 8.55 0.00	115.11 9.14 0.00	116.67 8.75 0.00	86.31 6.73 0.00	98.86 8.02 0.00	87.16 7.65 0.00	91.44 8.39 0.00	94.93 9.12 0.00	129.14 11.65 0.00	136.10 12.03 0.00	154.53 12.28 0.00	224.31 15.95 1.66	127.98 10.79 0.00	57.79 5.60 0.00	55.74 5.33 0.00	53.60 5.23 0.00	65.01 6.79 0.00	101.81 10.48 0.00	122.03 12.59 0.00	101.30 11.15 -0.15	79.95 8.67 0.00	81.77 8.34 0.00	94.70 9.08 0.00	91.00 8.08 0.00
LIPA_MISC_IPP 23656	104.06 8.31 0.00	115.20 9.23 0.00	116.76 8.84 0.00	86.48 6.91 0.00	99.38 8.53 0.00	87.76 8.25 0.00	92.15 9.10 0.00	95.52 9.70 0.00	128.99 11.50 0.00	135.97 11.89 0.00	154.37 12.12 0.00	223.27 14.61 1.36	127.41 10.22 0.00	57.57 5.38 0.00	55.60 5.19 0.00	53.45 5.08 0.00	65.07 6.85 0.00	101.31 9.98 0.00	121.38 11.94 0.00	101.68 11.53 -0.15	80.22 8.93 0.00	81.95 8.52 0.00	94.73 9.11 0.00	91.01 8.09 0.00
LISF____SOLAR 323691	104.23 8.47 0.00	115.39 9.42 0.00	116.97 9.05 0.00	86.62 7.04 0.00	99.56 8.71 0.00	87.93 8.42 0.00	92.32 9.27 0.00	95.68 9.87 0.00	129.22 11.73 0.00	136.22 12.14 0.00	154.68 12.43 0.00	223.57 14.90 1.36	127.65 10.47 0.00	57.70 5.50 0.00	55.70 5.29 0.00	53.55 5.19 0.00	65.20 6.99 0.00	101.57 10.24 0.00	121.66 12.23 0.00	101.93 11.77 -0.15	80.42 9.14 0.00	82.11 8.68 0.00	94.91 9.30 0.00	91.21 8.29 0.00

LITTLE FALLS___HYD 24013	99.45 3.69 0.00	110.12 4.15 0.00	111.28 3.36 0.00	81.96 2.38 0.00	93.88 3.03 0.00	82.60 3.09 0.00	86.57 3.52 0.00	89.98 4.17 0.00	123.55 6.07 0.00	130.70 6.63 0.00	149.09 6.84 0.00	218.54 8.52 0.00	121.86 4.67 0.00	54.38 2.19 0.00	52.36 1.96 0.00	50.10 1.73 0.00	60.70 2.48 0.00	95.28 3.96 0.00	114.24 4.81 0.00	94.07 4.07 0.00	74.57 3.28 0.00	76.39 2.96 0.00	88.80 3.19 0.00	85.71 2.79 0.00
LITTLRIV_115KV_TB1 356100	96.95 1.19 0.00	107.48 1.51 0.00	110.19 2.26 0.00	81.48 1.91 0.00	92.69 1.84 0.00	80.38 0.87 0.00	83.18 0.13 0.00	85.06 -0.75 0.00	116.35 -1.14 0.00	122.45 -1.62 0.00	140.22 -2.03 0.00	207.81 -2.21 0.00	115.62 -1.57 0.00	51.27 -0.92 0.00	49.52 -0.89 0.00	47.73 -0.64 0.00	57.52 -0.70 0.00	90.36 -0.97 0.00	107.85 -1.58 0.00	88.90 -1.10 0.00	70.45 -0.84 0.00	73.43 0.00 0.00	86.53 0.92 0.00	84.19 1.27 0.00
LI_NEWBRDGE___DRP 323616	102.85 7.09 0.00	113.48 7.51 0.00	114.96 7.04 0.00	84.96 5.39 0.00	97.30 6.45 0.00	85.77 6.25 0.00	89.92 6.87 0.00	93.32 7.51 0.00	127.25 9.76 0.00	134.26 10.19 0.00	152.59 10.34 0.00	221.53 13.21 1.69	126.21 9.02 0.00	56.91 4.72 0.00	54.83 4.42 0.00	52.71 4.34 0.00	63.85 5.62 0.00	100.03 8.70 0.00	119.94 10.50 0.00	99.41 9.26 -0.15	78.51 7.23 0.00	80.33 6.91 0.00	93.02 7.41 0.00	89.50 6.57 0.00
LOCKPORT_115KV_TB60_63_64 80432	88.62 -7.13 0.00	97.76 -8.21 0.00	99.94 -7.98 0.00	74.06 -5.52 0.00	84.24 -6.61 0.00	72.91 -6.61 0.00	75.36 -7.70 0.00	76.58 -9.23 0.00	103.55 -13.94 0.00	109.36 -14.71 0.00	126.20 -16.05 0.00	185.09 -24.93 0.00	102.38 -14.81 0.00	45.53 -6.67 0.00	43.98 -6.43 0.00	42.49 -5.88 0.00	51.09 -7.13 0.00	78.56 -10.84 1.93	87.33 -12.89 9.21	78.22 -11.65 0.13	61.97 -9.31 0.00	64.52 -8.91 0.00	75.89 -9.72 0.00	74.43 -8.49 0.00
LOCKPORT___CC1 323769	86.65 -7.43 1.68	97.46 -8.52 0.00	91.59 -8.21 8.12	73.09 -5.71 0.78	83.97 -6.88 0.00	72.67 -6.84 0.00	75.11 -7.95 0.00	74.29 -9.49 2.04	103.23 -14.26 0.00	109.03 -15.04 0.00	125.85 -16.40 0.00	184.65 -25.37 0.00	102.04 -15.14 0.00	45.38 -6.81 0.00	43.85 -6.56 0.00	42.35 -6.02 0.00	50.92 -7.30 0.00	78.16 -11.08 2.08	86.49 -12.97 9.97	77.92 -11.93 0.14	61.79 -9.49 0.00	64.31 -9.11 0.00	75.83 -9.78 0.00	74.38 -8.54 0.00
LOCKPORT___CC2 323770	86.65 -7.43 1.68	97.46 -8.52 0.00	91.59 -8.21 8.12	73.09 -5.71 0.78	83.97 -6.88 0.00	72.67 -6.84 0.00	75.11 -7.95 0.00	74.29 -9.49 2.04	103.23 -14.26 0.00	109.03 -15.04 0.00	125.85 -16.40 0.00	184.65 -25.37 0.00	102.04 -15.14 0.00	45.38 -6.81 0.00	43.85 -6.56 0.00	42.35 -6.02 0.00	50.92 -7.30 0.00	78.16 -11.08 2.08	86.49 -12.97 9.97	77.92 -11.93 0.14	61.79 -9.49 0.00	64.31 -9.11 0.00	75.83 -9.78 0.00	74.38 -8.54 0.00
LOCKPORT___CC3 323771	86.65 -7.43 1.68	97.46 -8.52 0.00	91.59 -8.21 8.12	73.09 -5.71 0.78	83.97 -6.88 0.00	72.67 -6.84 0.00	75.11 -7.95 0.00	74.29 -9.49 2.04	103.23 -14.26 0.00	109.03 -15.04 0.00	125.85 -16.40 0.00	184.65 -25.37 0.00	102.04 -15.14 0.00	45.38 -6.81 0.00	43.85 -6.56 0.00	42.35 -6.02 0.00	50.92 -7.30 0.00	78.16 -11.08 2.08	86.49 -12.97 9.97	77.92 -11.93 0.14	61.79 -9.49 0.00	64.31 -9.11 0.00	75.83 -9.78 0.00	74.38 -8.54 0.00
LONG_LAKE_PHOENIX 24014	92.95 -2.81 0.00	102.85 -3.12 0.00	104.76 -3.16 0.00	77.26 -2.31 0.00	88.21 -2.64 0.00	77.27 -2.24 0.00	80.69 -2.36 0.00	83.40 -2.42 0.00	114.15 -3.34 0.00	120.53 -3.54 0.00	138.23 -4.02 0.00	203.83 -6.19 0.00	113.63 -3.55 0.00	50.63 -1.56 0.00	48.89 -1.52 0.00	46.98 -1.39 0.00	56.59 -1.63 0.00	88.94 -2.39 0.00	106.57 -2.86 0.00	87.46 -2.54 0.00	69.18 -2.11 0.00	71.17 -2.25 0.00	82.82 -2.80 0.00	80.21 -2.72 0.00
LOVETT___3 23632	100.80 5.04 0.00	111.20 5.23 0.00	112.46 4.54 0.00	82.86 3.29 0.00	94.91 4.06 0.00	83.55 4.04 0.00	87.59 4.54 0.00	90.90 5.08 0.00	124.74 7.25 0.00	131.84 7.76 0.00	150.54 8.29 0.00	221.64 11.62 0.00	124.05 6.87 0.00	55.49 3.30 0.00	53.43 3.02 0.00	51.30 2.93 0.00	62.16 3.94 0.00	97.88 6.55 0.00	117.42 7.98 0.00	96.73 6.72 0.00	76.49 5.21 0.00	78.41 4.98 0.00	90.88 5.26 0.00	87.62 4.70 0.00
LOVETT___4 23642	100.80 5.04 0.00	111.20 5.23 0.00	112.46 4.54 0.00	82.86 3.29 0.00	94.91 4.06 0.00	83.55 4.04 0.00	87.59 4.54 0.00	90.90 5.08 0.00	124.74 7.25 0.00	131.84 7.76 0.00	150.54 8.29 0.00	221.64 11.62 0.00	124.05 6.87 0.00	55.49 3.30 0.00	53.43 3.02 0.00	51.30 2.93 0.00	62.16 3.94 0.00	97.88 6.55 0.00	117.42 7.98 0.00	96.73 6.72 0.00	76.49 5.21 0.00	78.41 4.98 0.00	90.88 5.26 0.00	87.62 4.70 0.00
LOVETT___5 23593	100.80 5.04 0.00	111.20 5.23 0.00	112.46 4.54 0.00	82.86 3.29 0.00	94.91 4.06 0.00	83.55 4.04 0.00	87.59 4.54 0.00	90.90 5.08 0.00	124.74 7.25 0.00	131.84 7.76 0.00	150.54 8.29 0.00	221.64 11.62 0.00	124.05 6.87 0.00	55.49 3.30 0.00	53.43 3.02 0.00	51.30 2.93 0.00	62.16 3.94 0.00	97.88 6.55 0.00	117.42 7.98 0.00	96.73 6.72 0.00	76.49 5.21 0.00	78.41 4.98 0.00	90.88 5.26 0.00	87.62 4.70 0.00
LOWER RAQUET___HYD 24057	95.82 0.06 0.00	106.23 0.26 0.00	108.91 0.99 0.00	80.51 0.94 0.00	91.59 0.74 0.00	79.42 -0.09 0.00	82.14 -0.91 0.00	83.85 -1.97 0.00	114.73 -2.76 0.00	120.96 -3.11 0.00	138.78 -3.47 0.00	205.49 -4.53 0.00	114.37 -2.82 0.00	50.75 -1.44 0.00	49.05 -1.36 0.00	47.13 -1.24 0.00	56.65 -1.57 0.00	88.90 -2.42 0.00	106.11 -3.32 0.00	87.48 -2.52 0.00	69.32 -1.96 0.00	72.44 -0.99 0.00	85.39 -0.22 0.00	83.07 0.15 0.00
LOWER___HUDSON 24059	100.43 4.68 0.00	111.09 5.12 0.00	112.80 4.89 0.00	82.95 3.37 0.00	94.90 4.05 0.00	83.26 3.74 0.00	87.13 4.08 0.00	90.11 4.29 0.00	123.67 6.18 0.00	130.66 6.59 0.00	149.71 7.46 0.00	220.01 9.99 0.00	123.22 6.03 0.00	54.98 2.79 0.00	53.02 2.61 0.00	50.78 2.41 0.00	61.22 2.99 0.00	96.12 4.79 0.00	115.19 5.75 0.00	94.62 4.62 0.00	74.98 3.70 0.00	77.19 3.77 0.00	89.66 4.04 0.00	86.78 3.86 0.00
LOWVILLE_115KV_TB2 356335	98.57 2.81 0.00	108.99 3.01 0.00	111.06 3.14 0.00	81.95 2.38 0.00	93.57 2.72 0.00	81.84 2.33 0.00	85.42 2.37 0.00	88.38 2.57 0.00	121.12 3.63 0.00	127.87 3.80 0.00	146.26 4.01 0.00	216.03 6.01 0.00	120.21 3.03 0.00	53.36 1.17 0.00	51.41 1.01 0.00	49.30 0.94 0.00	59.52 1.30 0.00	94.06 2.74 0.00	112.51 3.07 0.00	92.31 2.30 0.00	72.79 1.51 0.00	75.06 1.64 0.00	86.92 1.31 0.00	84.24 1.32 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	101.56 5.81 0.00	112.27 6.30 0.00	113.99 6.07 0.00	83.89 4.32 0.00	95.99 5.15 0.00	84.27 4.76 0.00	88.24 5.19 0.00	91.41 5.60 0.00	125.56 8.07 0.00	132.76 8.68 0.00	152.07 9.82 0.00	223.69 13.67 0.00	125.08 7.90 0.00	55.74 3.55 0.00	53.79 3.39 0.00	51.61 3.24 0.00	62.26 4.04 0.00	97.85 6.52 0.00	117.22 7.78 0.00	96.21 6.20 0.00	76.14 4.86 0.00	78.25 4.82 0.00	90.82 5.20 0.00	87.78 4.85 0.00

LUTHERNY_35_KV_BK2 355980	101.58 5.83 0.00	112.28 6.31 0.00	113.96 6.04 0.00	83.89 4.31 0.00	95.98 5.13 0.00	84.32 4.80 0.00	88.27 5.22 0.00	91.40 5.59 0.00	125.61 8.12 0.00	132.86 8.79 0.00	152.17 9.92 0.00	223.88 13.86 0.00	125.20 8.01 0.00	55.73 3.54 0.00	53.76 3.36 0.00	51.64 3.27 0.00	62.29 4.07 0.00	97.93 6.61 0.00	117.34 7.91 0.00	96.26 6.26 0.00	76.16 4.88 0.00	78.26 4.84 0.00	90.84 5.22 0.00	87.75 4.83 0.00
LWR___OSWEGATCHIE_HYD 23850	96.55 0.79 0.00	106.87 0.90 0.00	109.23 1.31 0.00	80.66 1.09 0.00	91.95 1.10 0.00	80.04 0.53 0.00	83.10 0.06 0.00	85.37 -0.44 0.00	116.88 -0.61 0.00	123.31 -0.76 0.00	141.23 -1.02 0.00	208.83 -1.19 0.00	116.19 -1.00 0.00	51.56 -0.64 0.00	49.75 -0.66 0.00	47.76 -0.61 0.00	57.56 -0.66 0.00	90.73 -0.60 0.00	108.39 -1.04 0.00	89.13 -0.88 0.00	70.44 -0.84 0.00	73.17 -0.25 0.00	85.53 -0.09 0.00	83.07 0.15 0.00
LYONS_FALL_HYD 23570	98.67 2.92 0.00	109.12 3.15 0.00	111.14 3.22 0.00	81.96 2.38 0.00	93.57 2.72 0.00	81.94 2.43 0.00	85.58 2.53 0.00	88.62 2.80 0.00	121.46 3.98 0.00	128.30 4.23 0.00	146.75 4.51 0.00	216.75 6.73 0.00	120.67 3.49 0.00	53.64 1.45 0.00	51.72 1.31 0.00	49.65 1.28 0.00	59.87 1.65 0.00	94.36 3.04 0.00	112.94 3.51 0.00	92.69 2.68 0.00	73.19 1.90 0.00	75.34 1.92 0.00	87.41 1.79 0.00	84.63 1.70 0.00
MADISON___COUNTY_LFGE 323628	98.88 3.12 0.00	109.47 3.50 0.00	111.38 3.46 0.00	82.13 2.55 0.00	93.85 3.00 0.00	82.30 2.79 0.00	86.07 3.02 0.00	89.15 3.34 0.00	122.18 4.69 0.00	129.08 5.01 0.00	147.46 5.21 0.00	217.85 7.83 0.00	121.28 4.10 0.00	54.02 1.83 0.00	52.13 1.72 0.00	50.14 1.77 0.00	60.45 2.22 0.00	94.71 3.38 0.00	113.51 4.07 0.00	93.15 3.15 0.00	73.61 2.32 0.00	75.65 2.22 0.00	87.88 2.26 0.00	85.01 2.08 0.00
MALONE___115KV_TB1 356076	97.69 1.93 0.00	108.36 2.39 0.00	111.12 3.20 0.00	82.04 2.46 0.00	93.27 2.42 0.00	81.18 1.67 0.00	84.43 1.38 0.00	86.62 0.81 0.00	118.88 1.40 0.00	125.57 1.50 0.00	144.44 2.19 0.00	213.02 3.00 0.00	118.74 1.56 0.00	52.69 0.50 0.00	50.91 0.51 0.00	48.87 0.51 0.00	58.80 0.58 0.00	91.96 0.63 0.00	109.44 0.01 0.00	90.20 0.20 0.00	71.19 -0.09 0.00	73.68 0.26 0.00	86.54 0.92 0.00	83.78 0.85 0.00
MAPLEWOD_115KV_TB3 80458	100.32 4.56 0.00	110.91 4.94 0.00	112.64 4.72 0.00	82.85 3.28 0.00	94.75 3.90 0.00	83.09 3.57 0.00	86.88 3.83 0.00	89.90 4.09 0.00	123.37 5.89 0.00	130.38 6.31 0.00	149.29 7.05 0.00	219.52 9.50 0.00	122.91 5.72 0.00	54.82 2.63 0.00	52.82 2.41 0.00	50.47 2.10 0.00	60.80 2.58 0.00	95.33 4.00 0.00	114.21 4.78 0.00	93.87 3.87 0.00	74.51 3.23 0.00	76.78 3.36 0.00	89.34 3.73 0.00	86.68 3.76 0.00
MAPLE_RIDGE_WT_1 323574	95.46 -0.29 0.00	105.76 -0.21 0.00	107.88 -0.04 0.00	79.62 0.05 0.00	90.79 -0.06 0.00	79.34 -0.18 0.00	82.77 -0.28 0.00	85.42 -0.39 0.00	116.89 -0.60 0.00	123.45 -0.62 0.00	141.66 -0.59 0.00	209.34 -0.68 0.00	116.71 -0.47 0.00	51.91 -0.28 0.00	50.13 -0.27 0.00	48.04 -0.33 0.00	57.75 -0.48 0.00	90.53 -0.80 0.00	108.47 -0.96 0.00	89.40 -0.60 0.00	70.81 -0.48 0.00	73.02 -0.40 0.00	85.26 -0.36 0.00	82.61 -0.31 0.00
MAPLE_RIDGE_WT_2 323611	95.46 -0.29 0.00	105.76 -0.21 0.00	107.88 -0.04 0.00	79.62 0.05 0.00	90.79 -0.06 0.00	79.34 -0.18 0.00	82.77 -0.28 0.00	85.42 -0.39 0.00	116.89 -0.60 0.00	123.45 -0.62 0.00	141.66 -0.59 0.00	209.34 -0.68 0.00	116.71 -0.47 0.00	51.91 -0.28 0.00	50.13 -0.27 0.00	48.04 -0.33 0.00	57.75 -0.48 0.00	90.53 -0.80 0.00	108.47 -0.96 0.00	89.40 -0.60 0.00	70.81 -0.48 0.00	73.02 -0.40 0.00	85.26 -0.36 0.00	82.61 -0.31 0.00
MARBLE_RIVER_WT_PWR 323696	96.27 0.51 0.00	106.94 0.97 0.00	109.33 1.41 0.00	80.74 1.16 0.00	91.88 1.03 0.00	80.07 0.56 0.00	83.30 0.25 0.00	85.83 0.01 0.00	117.46 -0.03 0.00	124.01 -0.06 0.00	142.59 0.34 0.00	210.42 0.39 0.00	117.26 0.08 0.00	52.08 -0.11 0.00	50.28 -0.13 0.00	48.23 -0.14 0.00	57.97 -0.25 0.00	90.54 -0.78 0.00	107.49 -1.94 0.00	88.56 -1.44 0.00	69.93 -1.35 0.00	72.19 -1.23 0.00	84.78 -0.83 0.00	82.05 -0.87 0.00
MARSHVLE_115KV_TB1 80742	101.39 5.63 0.00	111.77 5.80 0.00	114.10 6.18 0.00	84.12 4.54 0.00	95.94 5.09 0.00	83.99 4.48 0.00	87.76 4.71 0.00	90.94 5.12 0.00	124.37 6.88 0.00	131.19 7.12 0.00	149.40 7.16 0.00	220.39 10.37 0.00	122.60 5.41 0.00	54.63 2.43 0.00	52.89 2.48 0.00	51.03 2.67 0.00	61.60 3.38 0.00	96.87 5.54 0.00	115.90 6.47 0.00	95.58 5.57 0.00	75.63 4.35 0.00	77.64 4.21 0.00	90.38 4.77 0.00	87.06 4.14 0.00
MARSH_HILL_WT_PWR 323713	95.55 -0.63 -0.42	105.12 -0.85 0.00	109.46 -0.51 -2.05	79.58 -0.19 -0.20	90.36 -0.49 0.00	79.09 -0.42 0.00	82.26 -0.79 0.00	85.03 -1.31 -0.51	114.25 -3.24 0.00	119.84 -4.23 0.00	137.21 -5.04 0.00	200.58 -9.44 0.00	110.16 -7.03 0.00	48.73 -3.46 0.00	47.16 -3.25 0.00	45.57 -2.80 0.00	54.82 -3.40 0.00	94.86 -5.99 -9.53	147.71 -7.38 -45.65	83.75 -6.91 -0.66	66.26 -5.02 0.00	68.52 -4.91 0.00	80.11 -5.51 0.00	78.10 -4.82 0.00
MCINTYRE_115KV_TB2 80467	97.47 1.71 0.00	108.10 2.13 0.00	110.83 2.91 0.00	82.00 2.42 0.00	93.28 2.43 0.00	80.99 1.48 0.00	83.99 0.94 0.00	86.09 0.28 0.00	117.69 0.21 0.00	123.68 -0.39 0.00	141.44 -0.81 0.00	209.70 -0.32 0.00	116.68 -0.51 0.00	51.74 -0.46 0.00	49.92 -0.49 0.00	48.22 -0.15 0.00	58.24 0.02 0.00	91.53 0.21 0.00	109.28 -0.16 0.00	90.10 0.10 0.00	71.38 0.10 0.00	74.23 0.81 0.00	87.33 1.72 0.00	84.85 1.93 0.00
MECO_____69_KV_BK1 80468	102.90 7.15 0.00	113.51 7.54 0.00	115.58 7.66 0.00	85.16 5.58 0.00	97.25 6.40 0.00	85.23 5.72 0.00	89.15 6.09 0.00	92.52 6.70 0.00	126.81 9.32 0.00	133.93 9.86 0.00	152.52 10.27 0.00	224.37 14.35 0.00	124.72 7.53 0.00	55.59 3.40 0.00	53.87 3.46 0.00	51.90 3.53 0.00	62.90 4.68 0.00	99.04 7.71 0.00	118.53 9.09 0.00	97.56 7.55 0.00	77.16 5.87 0.00	79.14 5.72 0.00	91.95 6.33 0.00	88.59 5.67 0.00
MENANDS___115KV_TB5 355628	99.99 4.23 0.00	110.58 4.61 0.00	112.28 4.36 0.00	82.58 3.00 0.00	94.47 3.62 0.00	82.82 3.31 0.00	86.61 3.56 0.00	89.59 3.78 0.00	122.90 5.42 0.00	129.84 5.77 0.00	148.67 6.42 0.00	218.57 8.55 0.00	122.44 5.25 0.00	54.61 2.41 0.00	52.58 2.17 0.00	50.17 1.80 0.00	60.43 2.20 0.00	94.70 3.37 0.00	113.41 3.97 0.00	93.24 3.24 0.00	74.04 2.76 0.00	76.37 2.95 0.00	88.93 3.32 0.00	86.38 3.45 0.00
MG INDUSTRY___DRP 24185	99.68 3.92 0.00	110.22 4.25 0.00	112.05 4.13 0.00	82.45 2.87 0.00	94.22 3.37 0.00	82.58 3.06 0.00	86.27 3.22 0.00	89.25 3.43 0.00	122.33 4.85 0.00	129.20 5.13 0.00	147.86 5.61 0.00	217.59 7.57 0.00	121.75 4.57 0.00	54.30 2.10 0.00	52.31 1.90 0.00	49.99 1.62 0.00	60.19 1.97 0.00	94.29 2.97 0.00	112.95 3.52 0.00	92.86 2.86 0.00	73.68 2.40 0.00	75.99 2.57 0.00	88.51 2.90 0.00	85.98 3.06 0.00

MID___OSWEGATCHIE_HYD 23849	96.55 0.79 0.00	106.87 0.90 0.00	109.23 1.31 0.00	80.66 1.09 0.00	91.95 1.10 0.00	80.04 0.53 0.00	83.10 0.06 0.00	85.37 -0.44 0.00	116.88 -0.61 0.00	123.31 -0.76 0.00	141.23 -1.02 0.00	208.83 -1.19 0.00	116.19 -1.00 0.00	51.56 -0.64 0.00	49.75 -0.66 0.00	47.76 -0.61 0.00	57.56 -0.66 0.00	90.73 -0.60 0.00	108.39 -1.04 0.00	89.13 -0.88 0.00	70.44 -0.84 0.00	73.17 -0.25 0.00	85.53 -0.09 0.00	83.07 0.15 0.00
MID___RAQUETTE_HYD 23851	95.82 0.06 0.00	106.23 0.26 0.00	108.91 0.99 0.00	80.51 0.94 0.00	91.59 0.74 0.00	79.42 -0.09 0.00	82.14 -0.91 0.00	83.85 -1.97 0.00	114.73 -2.76 0.00	120.96 -3.11 0.00	138.78 -3.47 0.00	205.49 -4.54 0.00	114.37 -2.82 0.00	50.75 -1.45 0.00	49.05 -1.36 0.00	47.12 -1.25 0.00	56.65 -1.57 0.00	88.90 -2.42 0.00	106.11 -3.32 0.00	87.48 -2.53 0.00	69.32 -1.96 0.00	72.44 -0.99 0.00	85.39 -0.22 0.00	83.07 0.15 0.00
MILLIKEN___1 23584	97.71 1.95 0.00	107.91 1.94 0.00	109.97 2.05 0.00	81.15 1.58 0.00	92.62 1.77 0.00	81.09 1.58 0.00	84.73 1.68 0.00	87.76 1.95 0.00	120.08 2.59 0.00	126.86 2.79 0.00	145.35 3.10 0.00	214.21 4.19 0.00	119.03 1.85 0.00	52.95 0.76 0.00	51.10 0.69 0.00	49.21 0.84 0.00	59.41 1.19 0.00	93.30 1.97 0.00	111.93 2.50 0.00	91.94 1.94 0.00	72.64 1.36 0.00	74.56 1.14 0.00	86.63 1.01 0.00	83.84 0.91 0.00
MILLIKEN___2 23585	97.71 1.95 0.00	107.91 1.94 0.00	109.97 2.05 0.00	81.15 1.58 0.00	92.62 1.77 0.00	81.09 1.58 0.00	84.73 1.68 0.00	87.76 1.95 0.00	120.08 2.59 0.00	126.86 2.79 0.00	145.35 3.10 0.00	214.21 4.19 0.00	119.03 1.85 0.00	52.95 0.76 0.00	51.10 0.69 0.00	49.21 0.84 0.00	59.41 1.19 0.00	93.30 1.97 0.00	111.93 2.50 0.00	91.94 1.94 0.00	72.64 1.36 0.00	74.56 1.14 0.00	86.63 1.01 0.00	83.84 0.91 0.00
MILLIKEN___DIESEL 23629	97.71 1.95 0.00	107.91 1.94 0.00	109.97 2.05 0.00	81.15 1.58 0.00	92.62 1.77 0.00	81.09 1.58 0.00	84.73 1.68 0.00	87.76 1.95 0.00	120.08 2.59 0.00	126.86 2.79 0.00	145.35 3.10 0.00	214.21 4.19 0.00	119.03 1.85 0.00	52.95 0.76 0.00	51.10 0.69 0.00	49.21 0.84 0.00	59.41 1.19 0.00	93.30 1.97 0.00	111.93 2.50 0.00	91.94 1.94 0.00	72.64 1.36 0.00	74.56 1.14 0.00	86.63 1.01 0.00	83.84 0.91 0.00
MILLSEAT___LFGE 323607	89.46 -4.77 1.53	100.31 -5.66 0.00	95.17 -5.39 7.36	75.21 -3.66 0.71	86.37 -4.48 0.00	74.92 -4.60 0.00	77.61 -5.44 0.00	77.31 -6.65 1.85	107.33 -10.16 0.00	113.39 -10.68 0.00	130.72 -11.53 0.00	191.66 -18.36 0.00	106.03 -11.16 0.00	47.16 -5.03 0.00	45.57 -4.83 0.00	44.09 -4.28 0.00	53.09 -5.13 0.00	82.15 -7.59 1.59	93.04 -8.79 7.61	81.38 -8.51 0.11	64.37 -6.92 0.00	66.69 -6.73 0.00	78.35 -7.27 0.00	76.64 -6.28 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	101.65 5.89 0.00	112.13 6.16 0.00	113.43 5.52 0.00	83.58 4.00 0.00	95.72 4.87 0.00	84.23 4.71 0.00	88.30 5.25 0.00	91.65 5.84 0.00	125.76 8.27 0.00	132.94 8.87 0.00	151.83 9.58 0.00	223.50 13.48 0.00	125.12 7.93 0.00	55.99 3.80 0.00	53.91 3.51 0.00	51.76 3.40 0.00	62.71 4.49 0.00	98.69 7.36 0.00	118.38 8.95 0.00	97.50 7.50 0.00	77.13 5.85 0.00	79.09 5.67 0.00	91.65 6.04 0.00	88.35 5.43 0.00
MILLWOOD_13_KV_LOAD 356217	101.79 6.03 0.00	112.26 6.29 0.00	113.60 5.68 0.00	83.70 4.13 0.00	95.84 4.99 0.00	84.36 4.84 0.00	88.45 5.40 0.00	91.78 5.96 0.00	125.94 8.46 0.00	133.13 9.05 0.00	152.06 9.81 0.00	223.87 13.85 0.00	125.32 8.14 0.00	56.07 3.87 0.00	53.98 3.58 0.00	51.84 3.48 0.00	62.80 4.58 0.00	98.85 7.52 0.00	118.60 9.17 0.00	97.68 7.67 0.00	77.27 5.98 0.00	79.22 5.79 0.00	91.80 6.18 0.00	88.48 5.56 0.00
MODEL_CITY_ENERGY 24167	85.95 -8.01 1.80	96.84 -9.13 0.00	90.19 -9.04 8.68	72.54 -6.20 0.83	83.47 -7.38 0.00	72.19 -7.32 0.00	74.62 -8.43 0.00	73.57 -10.06 2.18	102.31 -15.18 0.00	107.99 -16.08 0.00	124.62 -17.63 0.00	182.90 -27.12 0.00	101.14 -16.04 0.00	44.98 -7.21 0.00	43.46 -6.95 0.00	41.99 -6.38 0.00	50.47 -7.75 0.00	77.59 -11.70 2.04	86.19 -13.52 9.72	77.26 -12.61 0.14	61.10 -10.19 0.00	63.47 -9.95 0.00	74.83 -10.79 0.00	73.43 -9.49 0.00
MODERN_LFGE___ 323580	85.95 -8.01 1.80	96.84 -9.13 0.00	90.19 -9.04 8.68	72.54 -6.20 0.83	83.47 -7.38 0.00	72.19 -7.32 0.00	74.62 -8.43 0.00	73.57 -10.06 2.18	102.31 -15.18 0.00	107.99 -16.08 0.00	124.62 -17.63 0.00	182.90 -27.12 0.00	101.14 -16.04 0.00	44.98 -7.21 0.00	43.46 -6.95 0.00	41.99 -6.38 0.00	50.47 -7.75 0.00	77.59 -11.70 2.04	86.19 -13.52 9.72	77.26 -12.61 0.14	61.10 -10.19 0.00	63.47 -9.95 0.00	74.83 -10.79 0.00	73.43 -9.49 0.00
MOHAWK_PAPER___DRP 24187	100.32 4.56 0.00	110.91 4.94 0.00	112.64 4.72 0.00	82.85 3.28 0.00	94.75 3.90 0.00	83.09 3.57 0.00	86.88 3.83 0.00	89.90 4.09 0.00	123.37 5.89 0.00	130.38 6.31 0.00	149.29 7.05 0.00	219.52 9.50 0.00	122.91 5.72 0.00	54.82 2.63 0.00	52.82 2.41 0.00	50.47 2.10 0.00	60.80 2.58 0.00	95.33 4.00 0.00	114.21 4.78 0.00	93.87 3.87 0.00	74.51 3.23 0.00	76.78 3.36 0.00	89.34 3.73 0.00	86.68 3.76 0.00
MOHICAN___35_KV_115KV_LD 80490	102.62 6.87 0.00	113.41 7.43 0.00	115.02 7.10 0.00	84.65 5.07 0.00	96.97 6.12 0.00	85.20 5.68 0.00	89.30 6.25 0.00	92.92 7.10 0.00	127.63 10.14 0.00	135.04 10.97 0.00	154.72 12.47 0.00	227.44 17.42 0.00	127.12 9.93 0.00	56.66 4.47 0.00	54.71 4.31 0.00	52.47 4.11 0.00	63.37 5.14 0.00	99.59 8.26 0.00	119.12 9.69 0.00	97.71 7.70 0.00	77.24 5.96 0.00	79.32 5.90 0.00	91.93 6.31 0.00	88.68 5.76 0.00
MONGAUP___HYD 23641	102.57 6.82 0.00	113.29 7.32 0.00	114.67 6.75 0.00	84.52 4.95 0.00	96.70 5.85 0.00	84.96 5.45 0.00	88.93 5.88 0.00	91.88 6.07 0.00	126.12 8.64 0.00	133.07 9.00 0.00	152.24 9.99 0.00	225.00 14.98 0.00	124.99 7.80 0.00	55.87 3.68 0.00	54.05 3.65 0.00	51.90 3.53 0.00	62.72 4.50 0.00	98.02 6.69 0.00	117.74 8.30 0.00	97.55 7.54 0.00	77.25 5.96 0.00	79.62 6.20 0.00	92.39 6.78 0.00	89.08 6.16 0.00
MONTAUK___DIESEL 23721	107.29 11.53 0.00	118.87 12.90 0.00	120.52 12.60 0.00	89.29 9.71 0.00	101.94 11.08 0.00	90.31 10.80 0.00	95.33 12.28 0.00	98.82 13.00 0.00	133.39 15.90 0.00	140.71 16.64 0.00	159.81 17.56 0.00	229.33 20.66 1.36	130.77 13.58 0.00	58.84 6.64 0.00	56.91 6.50 0.00	54.72 6.35 0.00	65.87 7.65 0.00	101.22 9.89 0.00	120.45 11.01 0.00	101.12 10.97 -0.15	79.68 8.40 0.00	81.36 7.93 0.00	93.90 8.28 0.00	90.09 7.17 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	93.40 -2.36 0.00	103.11 -2.86 0.00	106.14 -1.78 0.00	78.27 -1.30 0.00	88.75 -2.10 0.00	76.87 -2.65 0.00	79.71 -3.34 0.00	81.74 -4.08 0.00	110.51 -6.97 0.00	116.47 -7.60 0.00	134.90 -7.35 0.00	197.57 -12.44 0.00	109.18 -8.01 0.00	48.29 -3.90 0.00	46.51 -3.90 0.00	45.05 -3.32 0.00	54.16 -4.07 0.00	83.13 -6.15 2.04	92.09 -7.57 9.77	83.13 -6.73 0.14	66.06 -5.23 0.00	68.21 -5.22 0.00	79.68 -5.94 0.00	78.09 -4.84 0.00

MORRIS_RIDGE___SOLAR 323848	93.43 -2.84 -0.51	102.60 -3.37 0.00	107.36 -3.03 -2.46	77.80 -2.01 -0.24	88.21 -2.64 0.00	76.97 -2.54 0.00	79.92 -3.13 0.00	82.54 -3.89 -0.62	111.00 -6.49 0.00	116.84 -7.23 0.00	134.20 -8.05 0.00	196.79 -13.23 0.00	108.41 -8.77 0.00	48.17 -4.02 0.00	46.57 -3.84 0.00	44.95 -3.42 0.00	54.10 -4.13 0.00	71.34 -6.86 13.13	38.54 -7.98 62.92	81.86 -7.23 0.91	65.65 -5.64 0.00	67.77 -5.66 0.00	79.31 -6.30 0.00	77.39 -5.54 0.00
MORTIMER_115KV_TB3 55949	92.02 -3.74 0.00	101.55 -4.42 0.00	103.85 -4.07 0.00	76.63 -2.94 0.00	87.30 -3.55 0.00	76.07 -3.44 0.00	79.05 -4.00 0.00	81.14 -4.67 0.00	110.50 -6.98 0.00	116.84 -7.23 0.00	134.41 -7.84 0.00	197.54 -12.48 0.00	109.58 -7.60 0.00	48.83 -3.37 0.00	47.20 -3.21 0.00	45.52 -2.85 0.00	54.82 -3.40 0.00	86.19 -5.14 0.00	103.14 -6.30 0.00	84.30 -5.70 0.00	66.55 -4.73 0.00	68.70 -4.72 0.00	80.33 -5.29 0.00	78.20 -4.72 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	102.22 6.46 0.00	112.71 6.74 0.00	114.02 6.10 0.00	84.05 4.47 0.00	96.24 5.39 0.00	84.73 5.22 0.00	88.84 5.79 0.00	92.27 6.46 0.00	126.65 9.16 0.00	133.90 9.83 0.00	152.91 10.66 0.00	225.09 15.07 0.00	126.03 8.84 0.00	56.43 4.24 0.00	54.33 3.92 0.00	52.17 3.80 0.00	63.21 4.98 0.00	99.47 8.14 0.00	119.35 9.92 0.00	98.30 8.29 0.00	77.76 6.48 0.00	79.71 6.29 0.00	92.35 6.73 0.00	88.99 6.06 0.00
MUNSVILLE_WIND_PWR 323609	105.99 10.24 0.00	117.01 11.04 0.00	118.91 10.99 0.00	87.75 8.18 0.00	100.32 9.47 0.00	88.15 8.63 0.00	92.31 9.26 0.00	96.07 10.26 0.00	131.69 14.20 0.00	139.17 15.10 0.00	158.99 16.75 0.00	233.65 23.64 0.00	128.06 10.87 0.00	56.49 4.30 0.00	53.78 3.37 0.00	51.53 3.16 0.00	62.88 4.66 0.00	99.38 8.05 0.00	119.36 9.92 0.00	99.28 9.27 0.00	78.97 7.69 0.00	80.75 7.33 0.00	92.94 7.32 0.00	89.11 6.19 0.00
N SALMON___HYD 24042	97.69 1.93 0.00	108.36 2.39 0.00	111.12 3.20 0.00	82.04 2.46 0.00	93.26 2.42 0.00	81.18 1.67 0.00	84.43 1.38 0.00	86.62 0.81 0.00	118.88 1.39 0.00	125.57 1.50 0.00	144.44 2.19 0.00	213.04 3.02 0.00	118.74 1.56 0.00	52.69 0.50 0.00	50.91 0.51 0.00	48.87 0.51 0.00	58.80 0.58 0.00	91.95 0.63 0.00	109.43 0.00 0.00	90.20 0.20 0.00	71.19 -0.09 0.00	73.68 0.26 0.00	86.54 0.93 0.00	83.78 0.86 0.00
N.AKRON__115KV_KNAPP 355671	90.33 -5.43 0.00	99.60 -6.37 0.00	101.81 -6.11 0.00	75.39 -4.19 0.00	85.79 -5.06 0.00	74.32 -5.19 0.00	76.97 -6.08 0.00	78.40 -7.41 0.00	106.22 -11.27 0.00	112.20 -11.87 0.00	129.42 -12.82 0.00	189.74 -20.28 0.00	104.96 -12.22 0.00	46.68 -5.51 0.00	45.11 -5.30 0.00	43.61 -4.75 0.00	52.48 -5.74 0.00	80.94 -8.66 1.72	90.91 -10.28 8.24	80.38 -9.50 0.12	63.62 -7.66 0.00	66.10 -7.32 0.00	77.61 -8.00 0.00	75.99 -6.93 0.00
N.BELMOR_69_KV_BK1 55787	103.28 7.53 0.00	113.91 7.93 0.00	115.46 7.54 0.00	85.43 5.85 0.00	97.68 6.83 0.00	86.05 6.54 0.00	90.25 7.20 0.00	93.85 8.03 0.00	127.75 10.27 0.00	134.85 10.77 0.00	153.24 10.99 1.64	222.57 14.19 0.00	126.70 9.52 0.00	57.24 5.04 0.00	55.12 4.71 0.00	52.99 4.62 0.00	64.24 6.01 0.00	100.55 9.22 0.00	120.56 11.12 0.00	100.00 9.85 -0.15	79.00 7.72 0.00	80.84 7.42 0.00	93.66 8.04 0.00	90.11 7.19 0.00
N.E_GEN_SANDY PD 24062	99.63 5.44 1.57	111.82 5.85 0.00	113.34 5.43 0.00	83.37 3.80 0.00	95.42 4.56 0.00	83.81 4.30 0.00	87.48 4.71 0.28	88.97 5.04 1.88	124.66 7.18 0.00	131.70 7.63 0.00	150.78 8.53 0.00	221.51 11.49 0.00	126.93 7.06 -2.69	87.45 3.31 -31.95	79.09 3.10 -25.58	87.62 2.92 -36.33	80.95 3.70 -19.02	112.49 5.95 -15.21	128.97 7.21 -12.32	102.80 5.92 -6.87	76.27 4.73 -0.26	78.57 4.73 -0.41	91.67 5.07 -0.98	87.66 4.74 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	101.00 5.24 0.00	111.42 5.45 0.00	112.69 4.76 0.00	83.05 3.47 0.00	95.11 4.26 0.00	83.74 4.22 0.00	87.79 4.74 0.00	91.07 5.26 0.00	125.00 7.52 0.00	132.09 8.02 0.00	150.85 8.60 0.00	222.19 12.17 0.00	124.31 7.12 0.00	55.60 3.41 0.00	53.54 3.13 0.00	51.40 3.04 0.00	62.31 4.09 0.00	98.10 6.77 0.00	117.73 8.29 0.00	96.95 6.95 0.00	76.67 5.39 0.00	78.60 5.17 0.00	91.10 5.48 0.00	87.82 4.90 0.00
N.QUEENS_27_KV_LOAD 356247	102.28 6.52 0.00	112.80 6.83 0.00	114.12 6.19 0.00	84.13 4.55 -0.01	96.33 5.47 -0.01	84.80 5.27 -0.01	88.89 5.84 0.00	92.32 6.50 0.00	126.77 9.29 0.00	134.04 9.96 0.00	152.91 10.67 0.00	225.47 14.91 -0.54	125.92 8.74 0.00	56.38 4.19 0.00	54.24 3.84 0.00	52.12 3.75 0.00	63.18 4.96 0.00	99.45 8.12 0.00	119.36 9.92 0.00	98.30 8.30 0.00	77.76 6.47 0.00	79.76 6.33 -0.01	92.44 6.82 0.00	89.10 6.17 0.00
N.TROY___115KV_TB1 355778	100.44 4.68 0.00	111.09 5.12 0.00	112.80 4.88 0.00	82.95 3.37 0.00	94.90 4.05 0.00	83.26 3.74 0.00	87.13 4.08 0.00	90.11 4.29 0.00	123.67 6.18 0.00	130.67 6.60 0.00	149.72 7.47 0.00	220.01 9.99 0.00	123.22 6.04 0.00	54.98 2.79 0.00	53.02 2.61 0.00	50.77 2.41 0.00	61.22 3.00 0.00	96.12 4.79 0.00	115.19 5.75 0.00	94.62 4.62 0.00	74.99 3.71 0.00	77.19 3.76 0.00	89.65 4.03 0.00	86.78 3.86 0.00
NARROWS_GT1_1 24228	103.05 7.28 0.00	113.67 7.70 0.00	114.99 7.07 0.00	84.89 5.31 -0.01	97.24 6.39 -0.01	85.58 6.06 -0.01	89.46 6.40 0.00	100.88 7.19 -7.88	133.35 10.26 -5.60	144.08 10.98 -9.03	154.05 11.80 0.00	226.73 16.71 0.00	126.92 9.72 -0.01	71.55 4.78 -14.58	71.22 4.40 -16.40	71.28 4.27 -18.65	75.31 5.62 -11.47	132.03 9.18 -31.53	217.93 11.13 -97.36	281.51 9.31 -182.20	123.72 7.26 -45.17	105.74 7.09 -25.22	100.08 7.56 -6.90	89.96 6.79 -0.25
NARROWS_GT1_2 24229	103.05 7.28 0.00	113.67 7.70 0.00	114.99 7.07 0.00	84.89 5.31 -0.01	97.24 6.39 -0.01	85.58 6.06 -0.01	89.46 6.40 0.00	100.88 7.19 -7.88	133.35 10.26 -5.60	144.08 10.98 -9.03	154.05 11.80 0.00	226.73 16.71 0.00	126.92 9.72 -0.01	71.55 4.78 -14.58	71.22 4.40 -16.40	71.28 4.27 -18.65	75.31 5.62 -11.47	132.03 9.18 -31.53	217.93 11.13 -97.36	281.51 9.31 -182.20	123.72 7.26 -45.17	105.74 7.09 -25.22	100.08 7.56 -6.90	89.96 6.79 -0.25
NARROWS_GT1_3 24230	103.05 7.28 0.00	113.67 7.70 0.00	114.99 7.07 0.00	84.89 5.31 -0.01	97.24 6.39 -0.01	85.58 6.06 -0.01	89.46 6.40 0.00	100.88 7.19 -7.88	133.35 10.26 -5.60	144.08 10.98 -9.03	154.05 11.80 0.00	226.73 16.71 0.00	126.92 9.72 -0.01	71.55 4.78 -14.58	71.22 4.40 -16.40	71.28 4.27 -18.65	75.31 5.62 -11.47	132.03 9.18 -31.53	217.93 11.13 -97.36	281.51 9.31 -182.20	123.72 7.26 -45.17	105.74 7.09 -25.22	100.08 7.56 -6.90	89.96 6.79 -0.25
NARROWS_GT1_4 24231	103.05 7.28 0.00	113.67 7.70 0.00	114.99 7.07 0.00	84.89 5.31 -0.01	97.24 6.39 -0.01	85.58 6.06 -0.01	89.46 6.40 0.00	100.88 7.19 -7.88	133.35 10.26 -5.60	144.08 10.98 -9.03	154.05 11.80 0.00	226.73 16.71 0.00	126.92 9.72 -0.01	71.55 4.78 -14.58	71.22 4.40 -16.40	71.28 4.27 -18.65	75.31 5.62 -11.47	132.03 9.18 -31.53	217.93 11.13 -97.36	281.51 9.31 -182.20	123.72 7.26 -45.17	105.74 7.09 -25.22	100.08 7.56 -6.90	89.96 6.79 -0.25

NARROWS_GT1_5 24232	103.05 7.28 0.00	113.67 7.70 0.00	114.99 7.07 0.00	84.89 5.31 -0.01	97.24 6.39 -0.01	85.58 6.06 -0.01	89.46 6.40 0.00	100.88 7.19 -7.88	133.35 10.26 -5.60	144.08 10.98 -9.03	154.05 11.80 0.00	226.73 16.71 0.00	126.92 9.72 -0.01	71.55 4.78 -14.58	71.22 4.40 -16.40	71.28 4.27 -18.65	75.31 5.62 -11.47	132.03 9.18 -31.53	217.93 11.13 -97.36	281.51 9.31 -182.20	123.72 7.26 -45.17	105.74 7.09 -25.22	100.08 7.56 -6.90	89.96 6.79 -0.25
NARROWS_GT1_6 24233	103.05 7.28 0.00	113.67 7.70 0.00	114.99 7.07 0.00	84.89 5.31 -0.01	97.24 6.39 -0.01	85.58 6.06 -0.01	89.46 6.40 0.00	100.88 7.19 -7.88	133.35 10.26 -5.60	144.08 10.98 -9.03	154.05 11.80 0.00	226.73 16.71 0.00	126.92 9.72 -0.01	71.55 4.78 -14.58	71.22 4.40 -16.40	71.28 4.27 -18.65	75.31 5.62 -11.47	132.03 9.18 -31.53	217.93 11.13 -97.36	281.51 9.31 -182.20	123.72 7.26 -45.17	105.74 7.09 -25.22	100.08 7.56 -6.90	89.96 6.79 -0.25
NARROWS_GT1_7 24234	103.05 7.28 0.00	113.67 7.70 0.00	114.99 7.07 0.00	84.89 5.31 -0.01	97.24 6.39 -0.01	85.58 6.06 -0.01	89.46 6.40 0.00	100.88 7.19 -7.88	133.35 10.26 -5.60	144.08 10.98 -9.03	154.05 11.80 0.00	226.73 16.71 0.00	126.92 9.72 -0.01	71.55 4.78 -14.58	71.22 4.40 -16.40	71.28 4.27 -18.65	75.31 5.62 -11.47	132.03 9.18 -31.53	217.93 11.13 -97.36	281.51 9.31 -182.20	123.72 7.26 -45.17	105.74 7.09 -25.22	100.08 7.56 -6.90	89.96 6.79 -0.25
NARROWS_GT1_8 24235	103.05 7.28 0.00	113.67 7.70 0.00	114.99 7.07 0.00	84.89 5.31 -0.01	97.24 6.39 -0.01	85.58 6.06 -0.01	89.46 6.40 0.00	100.88 7.19 -7.88	133.35 10.26 -5.60	144.08 10.98 -9.03	154.05 11.80 0.00	226.73 16.71 0.00	126.92 9.72 -0.01	71.55 4.78 -14.58	71.22 4.40 -16.40	71.28 4.27 -18.65	75.31 5.62 -11.47	132.03 9.18 -31.53	217.93 11.13 -97.36	281.51 9.31 -182.20	123.72 7.26 -45.17	105.74 7.09 -25.22	100.08 7.56 -6.90	89.96 6.79 -0.25
NARROWS_GT2_1 24236	103.05 7.28 0.00	113.67 7.70 0.00	114.99 7.07 0.00	84.89 5.31 -0.01	97.24 6.39 -0.01	85.58 6.06 -0.01	89.46 6.40 0.00	100.88 7.19 -7.88	133.35 10.26 -5.60	144.08 10.98 -9.03	154.05 11.80 0.00	226.73 16.71 0.00	126.92 9.72 -0.01	71.55 4.78 -14.58	71.22 4.40 -16.40	71.28 4.27 -18.65	75.31 5.62 -11.47	131.97 9.18 -31.47	177.76 11.13 -57.20	174.72 9.31 -75.41	123.72 7.26 -45.17	105.74 7.09 -25.22	100.08 7.56 -6.90	89.96 6.79 -0.25
NARROWS_GT2_2 24237	103.05 7.28 0.00	113.67 7.70 0.00	114.99 7.07 0.00	84.89 5.31 -0.01	97.24 6.39 -0.01	85.58 6.06 -0.01	89.46 6.40 0.00	100.88 7.19 -7.88	133.35 10.26 -5.60	144.08 10.98 -9.03	154.05 11.80 0.00	226.73 16.71 0.00	126.92 9.72 -0.01	71.55 4.78 -14.58	71.22 4.40 -16.40	71.28 4.27 -18.65	75.31 5.62 -11.47	131.97 9.18 -31.47	177.76 11.13 -57.20	174.72 9.31 -75.41	123.72 7.26 -45.17	105.74 7.09 -25.22	100.08 7.56 -6.90	89.96 6.79 -0.25
NARROWS_GT2_3 24238	103.05 7.28 0.00	113.67 7.70 0.00	114.99 7.07 0.00	84.89 5.31 -0.01	97.24 6.39 -0.01	85.58 6.06 -0.01	89.46 6.40 0.00	100.88 7.19 -7.88	133.35 10.26 -5.60	144.08 10.98 -9.03	154.05 11.80 0.00	226.73 16.71 0.00	126.92 9.72 -0.01	71.55 4.78 -14.58	71.22 4.40 -16.40	71.28 4.27 -18.65	75.31 5.62 -11.47	131.97 9.18 -31.47	177.76 11.13 -57.20	174.72 9.31 -75.41	123.72 7.26 -45.17	105.74 7.09 -25.22	100.08 7.56 -6.90	89.96 6.79 -0.25
NARROWS_GT2_4 24239	103.05 7.28 0.00	113.67 7.70 0.00	114.99 7.07 0.00	84.89 5.31 -0.01	97.24 6.39 -0.01	85.58 6.06 -0.01	89.46 6.40 0.00	100.88 7.19 -7.88	133.35 10.26 -5.60	144.08 10.98 -9.03	154.05 11.80 0.00	226.73 16.71 0.00	126.92 9.72 -0.01	71.55 4.78 -14.58	71.22 4.40 -16.40	71.28 4.27 -18.65	75.31 5.62 -11.47	131.97 9.18 -31.47	177.76 11.13 -57.20	174.72 9.31 -75.41	123.72 7.26 -45.17	105.74 7.09 -25.22	100.08 7.56 -6.90	89.96 6.79 -0.25
NARROWS_GT2_5 24240	103.05 7.28 0.00	113.67 7.70 0.00	114.99 7.07 0.00	84.89 5.31 -0.01	97.24 6.39 -0.01	85.58 6.06 -0.01	89.46 6.40 0.00	100.88 7.19 -7.88	133.35 10.26 -5.60	144.08 10.98 -9.03	154.05 11.80 0.00	226.73 16.71 0.00	126.92 9.72 -0.01	71.55 4.78 -14.58	71.22 4.40 -16.40	71.28 4.27 -18.65	75.31 5.62 -11.47	131.97 9.18 -31.47	177.76 11.13 -57.20	174.72 9.31 -75.41	123.72 7.26 -45.17	105.74 7.09 -25.22	100.08 7.56 -6.90	89.96 6.79 -0.25
NARROWS_GT2_6 24241	103.05 7.28 0.00	113.67 7.70 0.00	114.99 7.07 0.00	84.89 5.31 -0.01	97.24 6.39 -0.01	85.58 6.06 -0.01	89.46 6.40 0.00	100.88 7.19 -7.88	133.35 10.26 -5.60	144.08 10.98 -9.03	154.05 11.80 0.00	226.73 16.71 0.00	126.92 9.72 -0.01	71.55 4.78 -14.58	71.22 4.40 -16.40	71.28 4.27 -18.65	75.31 5.62 -11.47	131.97 9.18 -31.47	177.76 11.13 -57.20	174.72 9.31 -75.41	123.72 7.26 -45.17	105.74 7.09 -25.22	100.08 7.56 -6.90	89.96 6.79 -0.25
NARROWS_GT2_7 24242	103.05 7.28 0.00	113.67 7.70 0.00	114.99 7.07 0.00	84.89 5.31 -0.01	97.24 6.39 -0.01	85.58 6.06 -0.01	89.46 6.40 0.00	100.88 7.19 -7.88	133.35 10.26 -5.60	144.08 10.98 -9.03	154.05 11.80 0.00	226.73 16.71 0.00	126.92 9.72 -0.01	71.55 4.78 -14.58	71.22 4.40 -16.40	71.28 4.27 -18.65	75.31 5.62 -11.47	131.97 9.18 -31.47	177.76 11.13 -57.20	174.72 9.31 -75.41	123.72 7.26 -45.17	105.74 7.09 -25.22	100.08 7.56 -6.90	89.96 6.79 -0.25
NARROWS_GT2_8 24243	103.05 7.28 0.00	113.67 7.70 0.00	114.99 7.07 0.00	84.89 5.31 -0.01	97.24 6.39 -0.01	85.58 6.06 -0.01	89.46 6.40 0.00	100.88 7.19 -7.88	133.35 10.26 -5.60	144.08 10.98 -9.03	154.05 11.80 0.00	226.73 16.71 0.00	126.92 9.72 -0.01	71.55 4.78 -14.58	71.22 4.40 -16.40	71.28 4.27 -18.65	75.31 5.62 -11.47	131.97 9.18 -31.47	177.76 11.13 -57.20	174.72 9.31 -75.41	123.72 7.26 -45.17	105.74 7.09 -25.22	100.08 7.56 -6.90	89.96 6.79 -0.25
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	102.93 7.17 0.00	113.75 7.77 0.00	115.59 7.68 0.00	85.02 5.44 0.00	97.17 6.32 0.00	85.06 5.55 0.00	88.83 5.78 0.00	92.16 6.35 0.00	126.67 9.19 0.00	133.91 9.84 0.00	153.44 11.20 0.00	225.47 15.45 0.00	126.02 8.84 0.00	56.16 3.97 0.00	54.07 3.67 0.00	51.63 3.27 0.00	62.26 4.04 0.00	97.69 6.36 0.00	116.97 7.53 0.00	95.94 5.93 0.00	76.08 4.80 0.00	78.43 5.01 0.00	91.25 5.63 0.00	88.81 5.88 0.00
NCHELSEA_115KV_TR2 355582	102.96 7.20 0.00	113.53 7.56 0.00	114.89 6.97 0.00	84.67 5.09 0.00	96.90 6.05 0.00	85.26 5.75 0.00	89.34 6.29 0.00	92.81 7.00 0.00	127.42 9.93 0.00	134.75 10.68 0.00	154.04 11.80 0.00	226.89 16.87 0.00	126.89 9.70 0.00	56.74 4.55 0.00	54.66 4.25 0.00	52.48 4.11 0.00	63.58 5.35 0.00	100.09 8.76 0.00	120.09 10.66 0.00	98.82 8.82 0.00	78.13 6.85 0.00	80.11 6.68 0.00	92.81 7.20 0.00	89.46 6.54 0.00
NEG CAPITAL___MECHNVIL 23645	101.76 6.00 0.00	112.51 6.53 0.00	114.20 6.28 0.00	84.04 4.47 0.00	96.14 5.29 0.00	84.42 4.90 0.00	88.36 5.31 0.00	91.54 5.72 0.00	125.77 8.28 0.00	132.99 8.92 0.00	152.39 10.14 0.00	224.21 14.19 0.00	125.41 8.22 0.00	55.89 3.70 0.00	53.93 3.53 0.00	51.72 3.35 0.00	62.39 4.17 0.00	98.06 6.73 0.00	117.45 8.01 0.00	96.41 6.41 0.00	76.29 5.00 0.00	78.41 4.99 0.00	91.02 5.40 0.00	87.95 5.03 0.00

NEG CENTRAL_HIGH_ACRES 23767	90.45 -4.65 0.65	100.59 -5.39 0.00	99.67 -5.10 3.15	75.52 -3.75 0.30	86.43 -4.41 0.00	75.43 -4.08 0.00	78.54 -4.52 0.00	79.93 -5.10 0.79	110.16 -7.33 0.00	116.48 -7.59 0.00	133.87 -8.38 0.00	196.87 -13.16 0.00	109.32 -7.87 0.00	48.68 -3.51 0.00	47.08 -3.33 0.00	45.37 -3.00 0.00	54.64 -3.58 0.00	85.88 -5.44 0.00	102.86 -6.58 0.00	84.04 -5.97 0.00	66.37 -4.91 0.00	68.38 -5.05 0.00	79.86 -5.76 0.00	77.68 -5.24 0.00
NEG CENTRAL___DRP 24199	94.92 -0.83 0.00	104.79 -1.18 0.00	106.96 -0.96 0.00	78.93 -0.64 0.00	90.15 -0.70 0.00	79.07 -0.44 0.00	82.48 -0.57 0.00	85.24 -0.57 0.00	116.18 -1.30 0.00	122.68 -1.39 0.00	140.66 -1.58 0.00	206.98 -3.04 0.00	115.20 -1.98 0.00	51.30 -0.90 0.00	49.59 -0.82 0.00	47.81 -0.56 0.00	57.61 -0.61 0.00	91.35 -0.95 -0.97	112.93 -1.18 -4.67	88.76 -1.32 -0.07	70.17 -1.11 0.00	72.10 -1.32 0.00	83.80 -1.81 0.00	81.17 -1.75 0.00
NEG CENTRAL___INDECK 23768	96.34 0.59 0.00	106.32 0.35 0.00	108.68 0.76 0.00	80.22 0.65 0.00	91.39 0.54 0.00	79.83 0.32 0.00	83.05 0.00 0.00	85.32 -0.49 0.00	116.09 -1.40 0.00	122.44 -1.64 0.00	140.70 -1.55 0.00	205.88 -4.14 0.00	113.45 -3.73 0.00	50.42 -1.77 0.00	48.85 -1.55 0.00	47.25 -1.12 0.00	57.02 -1.20 0.00	99.15 -1.82 -9.65	153.46 -2.19 -46.22	88.08 -2.59 -0.67	69.17 -2.11 0.00	71.25 -2.18 0.00	83.18 -2.44 0.00	80.96 -1.96 0.00
NEG CENTRAL___SENECA 23627	94.51 -1.25 0.00	104.23 -1.74 0.00	106.46 -1.47 0.00	78.62 -0.96 0.00	89.74 -1.11 0.00	78.90 -0.61 0.00	82.23 -0.83 0.00	84.86 -0.95 0.00	115.45 -2.04 0.00	121.89 -2.18 0.00	139.81 -2.44 0.00	205.42 -4.60 0.00	114.35 -2.84 0.00	50.90 -1.29 0.00	49.24 -1.16 0.00	47.53 -0.84 0.00	57.22 -1.00 0.00	91.25 -1.66 -1.58	114.97 -2.04 -7.57	87.97 -2.14 -0.11	69.58 -1.70 0.00	71.48 -1.95 0.00	83.12 -2.50 0.00	80.51 -2.41 0.00
NEG CENTRAL___STATE_STREET 24147	96.00 0.24 0.00	106.08 0.11 0.00	108.48 0.56 0.00	80.00 0.43 0.00	91.34 0.49 0.00	79.80 0.29 0.00	83.30 0.25 0.00	86.34 0.52 0.00	118.09 0.60 0.00	124.72 0.65 0.00	142.85 0.60 0.00	210.52 0.49 0.00	117.17 -0.02 0.00	52.16 -0.03 0.00	50.38 -0.03 0.00	48.52 0.16 0.00	58.52 0.31 0.00	91.95 0.62 0.00	110.22 0.78 0.00	90.48 0.48 0.00	71.49 0.20 0.00	73.47 0.05 0.00	85.41 -0.20 0.00	82.68 -0.23 0.00
NEG MILLWOOD___DRP 24198	103.21 7.45 0.00	113.81 7.83 0.00	115.14 7.22 0.00	84.83 5.26 0.00	97.12 6.27 0.00	85.49 5.98 0.00	89.62 6.57 0.00	93.11 7.30 0.00	127.83 10.35 0.00	135.20 11.13 0.00	154.50 12.25 0.00	227.50 17.48 0.00	127.26 10.07 0.00	56.93 4.74 0.00	54.85 4.44 0.00	52.67 4.30 0.00	63.80 5.57 0.00	100.43 9.10 0.00	120.49 11.06 0.00	99.16 9.16 0.00	78.41 7.12 0.00	80.38 6.96 0.00	93.12 7.50 0.00	89.75 6.82 0.00
NEG NORTH_FLCN_SEA 23793	97.88 2.13 0.00	108.69 2.71 0.00	111.03 3.11 0.00	81.92 2.35 0.00	93.11 2.26 0.00	81.01 1.50 0.00	84.16 1.11 0.00	86.69 0.87 0.00	118.70 1.22 0.00	125.46 1.38 0.00	144.30 2.05 0.00	212.55 2.53 0.00	118.47 1.28 0.00	52.67 0.48 0.00	50.82 0.41 0.00	48.67 0.30 0.00	58.62 0.40 0.00	91.62 0.29 0.00	108.65 -0.78 0.00	89.55 -0.45 0.00	70.62 -0.66 0.00	72.75 -0.67 0.00	85.41 -0.21 0.00	82.61 -0.31 0.00
NEG NORTH_KES_CHATEGAY 23792	96.37 0.62 0.00	107.04 1.07 0.00	109.51 1.59 0.00	80.94 1.37 0.00	92.04 1.19 0.00	80.18 0.66 0.00	83.48 0.43 0.00	85.93 0.12 0.00	117.66 0.17 0.00	124.24 0.17 0.00	142.88 0.63 0.00	210.78 0.76 0.00	117.52 0.33 0.00	52.18 -0.01 0.00	50.40 -0.01 0.00	48.37 0.01 0.00	58.12 -0.10 0.00	90.81 -0.51 0.00	107.82 -1.61 0.00	88.87 -1.14 0.00	70.21 -1.07 0.00	72.49 -0.94 0.00	85.12 -0.50 0.00	82.39 -0.53 0.00
NEG NORTH___ALICE_FALLS 23915	98.34 2.59 0.00	109.12 3.15 0.00	111.65 3.74 0.00	82.34 2.76 0.00	93.59 2.74 0.00	81.51 2.00 0.00	84.74 1.69 0.00	87.20 1.38 0.00	119.53 2.05 0.00	126.32 2.25 0.00	145.37 3.12 0.00	214.08 4.06 0.00	119.35 2.17 0.00	53.06 0.86 0.00	51.23 0.82 0.00	49.10 0.74 0.00	59.15 0.93 0.00	92.44 1.11 0.00	109.64 0.21 0.00	90.39 0.39 0.00	71.23 -0.05 0.00	73.39 -0.04 0.00	86.10 0.48 0.00	83.24 0.32 0.00
NEG NORTH___LWR_SARANAC 23913	98.34 2.59 0.00	109.12 3.15 0.00	111.65 3.74 0.00	82.34 2.76 0.00	93.59 2.74 0.00	81.51 2.00 0.00	84.74 1.69 0.00	87.20 1.38 0.00	119.53 2.05 0.00	126.32 2.25 0.00	145.37 3.12 0.00	214.08 4.06 0.00	119.35 2.17 0.00	53.06 0.86 0.00	51.23 0.82 0.00	49.10 0.74 0.00	59.15 0.93 0.00	92.44 1.11 0.00	109.64 0.21 0.00	90.39 0.39 0.00	71.23 -0.05 0.00	73.39 -0.04 0.00	86.10 0.48 0.00	83.24 0.32 0.00
NEG NORTH___PLATTSBURG 23628	98.34 2.58 0.00	109.13 3.16 0.00	111.66 3.74 0.00	82.34 2.76 0.00	93.59 2.74 0.00	81.51 2.00 0.00	84.74 1.69 0.00	87.20 1.39 0.00	119.53 2.05 0.00	126.32 2.25 0.00	145.37 3.12 0.00	214.11 4.09 0.00	119.35 2.17 0.00	53.06 0.86 0.00	51.23 0.82 0.00	49.10 0.74 0.00	59.15 0.93 0.00	92.43 1.11 0.00	109.65 0.21 0.00	90.39 0.39 0.00	71.23 -0.05 0.00	73.39 -0.03 0.00	86.10 0.49 0.00	83.25 0.32 0.00
NEG WEST_LEA_LOCKPORT 23791	88.34 -7.42 0.00	97.45 -8.52 0.00	99.73 -8.19 0.00	73.86 -5.72 0.00	83.97 -6.88 0.00	72.67 -6.84 0.00	75.10 -7.95 0.00	76.32 -9.49 0.00	103.22 -14.27 0.00	109.05 -15.02 0.00	125.86 -16.39 0.00	184.53 -25.49 0.00	102.05 -15.13 0.00	45.39 -6.81 0.00	43.84 -6.57 0.00	42.35 -6.02 0.00	50.91 -7.31 0.00	78.08 -11.16 2.08	86.14 -13.33 9.97	77.92 -11.94 0.14	61.80 -9.48 0.00	64.44 -8.99 0.00	75.84 -9.78 0.00	74.38 -8.54 0.00
NEG WEST___LANCASTER 23811	92.96 -2.80 0.00	102.51 -3.46 0.00	105.34 -2.58 0.00	77.62 -1.95 0.00	88.19 -2.66 0.00	76.63 -2.88 0.00	79.25 -3.80 0.00	80.77 -5.04 0.00	109.47 -8.02 0.00	115.67 -8.40 0.00	133.60 -8.65 0.00	196.47 -13.55 0.00	108.70 -8.48 0.00	48.44 -3.75 0.00	46.79 -3.62 0.00	45.18 -3.19 0.00	54.28 -3.94 0.00	82.85 -6.39 2.09	91.49 -7.95 9.99	82.92 -6.94 0.14	65.54 -5.75 0.00	67.78 -5.64 0.00	79.53 -6.08 0.00	77.88 -5.04 0.00
NEG_PENN_ALLEGHNY 23528	96.71 0.55 -0.40	106.46 0.49 0.00	110.21 0.35 -1.94	80.12 0.36 -0.19	91.19 0.34 0.00	79.91 0.39 0.00	83.35 0.30 0.00	86.66 0.36 -0.49	117.70 0.22 0.00	124.34 0.27 0.00	142.61 0.36 0.00	210.64 0.62 0.00	117.07 -0.12 0.00	52.08 -0.12 0.00	50.29 -0.11 0.00	48.38 0.01 0.00	58.37 0.14 0.00	91.50 0.17 0.00	109.83 0.40 0.00	90.24 0.24 0.00	71.26 -0.03 0.00	73.16 -0.26 0.00	85.16 -0.45 0.00	82.52 -0.40 0.00
NEG___GEN_MONROE 24207	92.51 -3.25 0.00	102.06 -3.91 0.00	104.35 -3.57 0.00	77.02 -2.55 0.00	87.74 -3.11 0.00	76.41 -3.10 0.00	79.39 -3.66 0.00	81.40 -4.41 0.00	110.85 -6.64 0.00	117.16 -6.91 0.00	134.75 -7.50 0.00	197.83 -12.19 0.00	109.71 -7.47 0.00	48.88 -3.31 0.00	47.27 -3.14 0.00	45.63 -2.73 0.00	54.96 -3.26 0.00	86.49 -4.84 0.00	103.53 -5.91 -0.01	84.54 -5.46 0.00	66.72 -4.57 0.00	68.91 -4.51 0.00	80.59 -5.02 0.00	78.49 -4.43 0.00

NEPA__ENERGY 23901	91.81 -3.95 0.00	101.20 -4.77 0.00	103.96 -3.97 0.00	76.74 -2.84 0.00	87.14 -3.71 0.00	75.52 -3.99 0.00	78.20 -4.84 0.00	79.82 -5.99 0.00	108.05 -9.44 0.00	114.08 -9.99 0.00	131.84 -10.41 0.00	193.25 -16.77 0.00	106.77 -10.41 0.00	47.38 -4.81 0.00	45.68 -4.73 0.00	44.16 -4.20 0.00	53.13 -5.10 0.00	80.61 -7.83 2.89	86.08 -9.53 13.82	81.32 -8.49 0.20	64.50 -6.78 0.00	66.79 -6.64 0.00	78.23 -7.38 0.00	76.68 -6.24 0.00
NEVERSink__HYD 23608	101.88 6.12 0.00	112.22 6.25 0.00	113.51 5.59 0.00	83.71 4.13 0.00	95.81 4.96 0.00	84.26 4.74 0.00	88.27 5.22 0.00	91.73 5.92 0.00	126.01 8.52 0.00	133.35 9.28 0.00	152.51 10.26 0.00	224.67 14.65 0.00	125.46 8.27 0.00	56.04 3.84 0.00	53.99 3.58 0.00	51.90 3.53 0.00	62.92 4.70 0.00	99.24 7.91 0.00	119.06 9.63 0.00	97.93 7.93 0.00	77.39 6.10 0.00	79.27 5.84 0.00	91.80 6.18 0.00	88.38 5.46 0.00
NEWKRMKL_115KV_TB1 55635	99.89 4.14 0.00	110.42 4.45 0.00	112.16 4.24 0.00	82.53 2.96 0.00	94.38 3.54 0.00	82.73 3.22 0.00	86.51 3.45 0.00	89.52 3.71 0.00	122.78 5.30 0.00	129.77 5.70 0.00	148.50 6.25 0.00	218.49 8.47 0.00	122.30 5.11 0.00	54.53 2.33 0.00	52.43 2.02 0.00	49.96 1.59 0.00	60.20 1.98 0.00	94.25 2.92 0.00	112.86 3.43 0.00	92.81 2.81 0.00	73.73 2.45 0.00	76.09 2.67 0.00	88.72 3.11 0.00	86.29 3.37 0.00
NEWTON__FALLS_HYD 23847	96.55 0.79 0.00	106.87 0.90 0.00	109.23 1.31 0.00	80.66 1.09 0.00	91.95 1.10 0.00	80.04 0.53 0.00	83.10 0.06 0.00	85.37 -0.44 0.00	116.88 -0.61 0.00	123.31 -0.76 0.00	141.23 -1.02 0.00	208.83 -1.19 0.00	116.19 -1.00 0.00	51.56 -0.64 0.00	49.75 -0.66 0.00	47.76 -0.61 0.00	57.56 -0.66 0.00	90.73 -0.60 0.00	108.39 -1.04 0.00	89.13 -0.88 0.00	70.44 -0.84 0.00	73.17 -0.25 0.00	85.53 -0.09 0.00	83.07 0.15 0.00
NGRID_A1_DSASP 323792	85.16 -8.69 1.90	96.00 -9.97 0.00	89.38 -9.36 9.18	71.99 -6.70 0.88	82.78 -8.07 0.00	71.56 -7.95 0.00	73.91 -9.14 0.00	72.68 -10.82 2.31	101.47 -16.01 0.00	107.36 -16.71 0.00	123.92 -18.33 0.00	181.89 -28.13 0.00	100.55 -16.64 0.00	44.73 -7.47 0.00	43.23 -7.18 0.00	41.76 -6.61 0.00	50.17 -8.05 0.00	76.76 -12.47 2.10	84.39 -15.01 10.04	76.68 -13.18 0.15	60.64 -10.64 0.00	62.94 -10.49 0.00	74.25 -11.37 0.00	72.91 -10.02 0.00
NGRID_A2_DSASP 323793	85.16 -8.69 1.90	96.00 -9.97 0.00	89.38 -9.36 9.18	71.99 -6.70 0.88	82.78 -8.07 0.00	71.56 -7.95 0.00	73.91 -9.14 0.00	72.68 -10.82 2.31	101.47 -16.01 0.00	107.36 -16.71 0.00	123.92 -18.33 0.00	181.89 -28.13 0.00	100.55 -16.64 0.00	44.73 -7.47 0.00	43.23 -7.18 0.00	41.76 -6.61 0.00	50.17 -8.05 0.00	76.76 -12.47 2.10	84.39 -15.01 10.04	76.68 -13.18 0.15	60.64 -10.64 0.00	62.94 -10.49 0.00	74.25 -11.37 0.00	72.91 -10.02 0.00
NGRID_A4_DSASP 323807	85.16 -8.69 1.90	96.00 -9.97 0.00	89.38 -9.36 9.18	71.99 -6.70 0.88	82.78 -8.07 0.00	71.56 -7.95 0.00	73.91 -9.14 0.00	72.68 -10.82 2.31	101.47 -16.01 0.00	107.36 -16.71 0.00	123.92 -18.33 0.00	181.89 -28.13 0.00	100.55 -16.64 0.00	44.73 -7.47 0.00	43.23 -7.18 0.00	41.76 -6.61 0.00	50.17 -8.05 0.00	76.76 -12.47 2.10	84.39 -15.01 10.04	76.68 -13.18 0.15	60.64 -10.64 0.00	62.94 -10.49 0.00	74.25 -11.37 0.00	72.91 -10.02 0.00
NIAGARA_115E_LBMP 323715	85.39 -8.50 1.86	96.31 -9.66 0.00	89.29 -9.66 8.98	72.13 -6.59 0.86	83.05 -7.79 0.00	71.81 -7.71 0.00	74.19 -8.86 0.00	73.03 -10.53 2.26	101.56 -15.92 0.00	107.17 -16.90 0.00	123.70 -18.55 0.00	181.60 -28.42 0.00	100.40 -16.78 0.00	44.65 -7.54 0.00	43.15 -7.25 0.00	41.67 -6.69 0.00	50.09 -8.13 0.00	76.95 -12.28 2.09	85.36 -14.10 9.98	76.66 -13.20 0.14	60.59 -10.70 0.00	62.92 -10.51 0.00	74.22 -11.40 0.00	72.87 -10.06 0.00
NIAGARA_115W_LBMP 323714	85.02 -8.84 1.90	95.83 -10.14 0.00	89.21 -9.52 9.19	71.86 -6.84 0.88	82.61 -8.24 0.00	71.42 -8.10 0.00	73.76 -9.29 0.00	72.52 -10.99 2.31	101.30 -16.19 0.00	107.16 -16.91 0.00	123.69 -18.56 0.00	181.52 -28.50 0.00	100.39 -16.80 0.00	44.65 -7.55 0.00	43.15 -7.26 0.00	41.68 -6.68 0.00	50.08 -8.15 0.00	76.61 -12.63 2.08	84.26 -15.20 9.98	76.54 -13.32 0.14	60.52 -10.76 0.00	62.82 -10.60 0.00	74.11 -11.50 0.00	72.77 -10.15 0.00
NIAGARA_230_LBMP 323716	85.99 -7.86 1.91	96.96 -9.02 0.00	90.31 -8.39 9.22	72.64 -6.05 0.88	83.53 -7.32 0.00	72.32 -7.20 0.00	74.69 -8.36 0.00	73.57 -9.92 2.32	102.73 -14.76 0.00	108.64 -15.43 0.00	125.41 -16.84 0.00	184.04 -25.98 0.00	101.78 -15.40 0.00	45.28 -6.91 0.00	43.76 -6.65 0.00	42.23 -6.14 0.00	50.74 -7.48 0.00	77.81 -11.54 1.97	86.13 -13.84 9.46	77.61 -12.26 0.14	61.37 -9.91 0.00	63.62 -9.81 0.00	75.00 -10.61 0.00	73.64 -9.29 0.00
NIAGARA__115KV_198_GIBSON 55903	86.92 -8.84 0.00	95.83 -10.14 0.00	98.40 -9.52 0.00	72.74 -6.84 0.00	82.62 -8.23 0.00	71.42 -8.09 0.00	73.76 -9.29 0.00	74.82 -10.99 0.00	101.25 -16.24 0.00	107.17 -16.90 0.00	123.69 -18.56 0.00	181.44 -28.58 0.00	100.40 -16.79 0.00	44.65 -7.54 0.00	43.14 -7.26 0.00	41.67 -6.70 0.00	50.06 -8.16 0.00	76.62 -12.62 2.08	84.28 -15.18 9.98	76.53 -13.32 0.14	60.52 -10.76 0.00	62.96 -10.47 0.00	74.12 -11.50 0.00	72.78 -10.14 0.00
NIAGARA____ 23760	86.03 -7.86 1.88	96.96 -9.02 0.00	90.47 -8.39 9.06	72.65 -6.05 0.87	83.53 -7.32 0.00	72.32 -7.20 0.00	74.69 -8.36 0.00	73.59 -9.92 2.30	102.73 -14.76 0.00	108.64 -15.43 0.00	125.41 -16.84 0.00	184.04 -25.98 0.00	101.78 -15.40 0.00	45.28 -6.91 0.00	43.76 -6.65 0.00	42.23 -6.14 0.00	50.74 -7.48 0.00	77.77 -11.54 2.01	86.00 -13.84 9.60	77.60 -12.26 0.14	61.37 -9.91 0.00	63.62 -9.81 0.00	75.00 -10.61 0.00	73.64 -9.29 0.00
NINE_MILE_1 23575	92.09 -3.66 0.00	101.86 -4.11 0.00	103.76 -4.16 0.00	76.50 -3.08 0.00	87.36 -3.49 0.00	76.47 -3.05 0.00	79.84 -3.21 0.00	82.47 -3.35 0.00	112.87 -4.61 0.00	119.24 -4.83 0.00	136.71 -5.54 0.00	201.58 -8.44 0.00	112.36 -4.82 0.00	50.07 -2.13 0.00	48.35 -2.05 0.00	46.46 -1.91 0.00	55.94 -2.28 0.00	87.83 -3.49 0.00	105.26 -4.17 0.00	86.44 -3.56 0.00	68.38 -2.90 0.00	70.40 -3.02 0.00	82.03 -3.59 0.00	79.45 -3.47 0.00
NINE_MILE_2 23744	92.09 -3.66 0.00	101.86 -4.11 0.00	103.76 -4.16 0.00	76.50 -3.08 0.00	87.36 -3.49 0.00	76.47 -3.05 0.00	79.84 -3.21 0.00	82.47 -3.35 0.00	112.87 -4.61 0.00	119.24 -4.83 0.00	136.71 -5.54 0.00	201.58 -8.44 0.00	112.36 -4.82 0.00	50.07 -2.13 0.00	48.35 -2.05 0.00	46.46 -1.91 0.00	55.94 -2.28 0.00	87.83 -3.49 0.00	105.26 -4.17 0.00	86.45 -3.55 0.00	68.38 -2.90 0.00	70.40 -3.02 0.00	82.03 -3.59 0.00	79.46 -3.47 0.00
NM_CAPITAL__DRP 24208	99.89 4.13 0.00	110.46 4.49 0.00	112.17 4.25 0.00	82.50 2.92 0.00	94.38 3.54 0.00	82.73 3.22 0.00	86.51 3.45 0.00	89.49 3.67 0.00	122.77 5.29 0.00	129.70 5.63 0.00	148.49 6.24 0.00	218.33 8.31 0.00	122.28 5.09 0.00	54.53 2.34 0.00	52.48 2.07 0.00	50.05 1.69 0.00	60.28 2.06 0.00	94.43 3.10 0.00	113.09 3.66 0.00	92.98 2.98 0.00	73.88 2.60 0.00	76.23 2.80 0.00	88.79 3.18 0.00	86.29 3.37 0.00

NM_CENTRAL___DRP 24181	94.38 -1.38 0.00	104.31 -1.66 0.00	106.21 -1.70 0.00	78.31 -1.26 0.00	89.42 -1.43 0.00	78.33 -1.19 0.00	81.80 -1.25 0.00	84.56 -1.25 0.00	115.69 -1.80 0.00	122.23 -1.84 0.00	140.14 -2.11 0.00	206.67 -3.36 0.00	115.12 -2.07 0.00	51.27 -0.92 0.00	49.52 -0.88 0.00	47.61 -0.75 0.00	57.37 -0.86 0.00	90.08 -1.24 0.00	108.00 -1.44 0.00	88.65 -1.35 0.00	70.08 -1.21 0.00	72.08 -1.34 0.00	83.86 -1.75 0.00	81.22 -1.70 0.00
NM_FRONTIER___DRP 24179	86.92 -8.84 0.00	95.83 -10.14 0.00	98.40 -9.52 0.00	72.74 -6.84 0.00	82.62 -8.23 0.00	71.42 -8.09 0.00	73.76 -9.29 0.00	74.82 -10.99 0.00	101.25 -16.24 0.00	107.17 -16.90 0.00	123.69 -18.56 0.00	181.44 -28.58 0.00	100.40 -16.79 0.00	44.65 -7.54 0.00	43.14 -7.26 0.00	41.67 -6.70 0.00	50.06 -8.16 0.00	76.62 -12.62 2.08	84.28 -15.18 9.98	76.53 -13.32 0.14	60.52 -10.76 0.00	62.96 -10.47 0.00	74.12 -11.50 0.00	72.78 -10.14 0.00
NM_ST_REGIS___HYD 24053	96.38 0.62 0.00	106.87 0.90 0.00	109.58 1.67 0.00	80.99 1.41 0.00	92.09 1.24 0.00	79.93 0.41 0.00	82.77 -0.28 0.00	84.59 -1.23 0.00	115.88 -1.61 0.00	122.23 -1.84 0.00	140.35 -1.90 0.00	207.59 -2.43 0.00	115.56 -1.63 0.00	51.28 -0.91 0.00	49.56 -0.84 0.00	47.61 -0.76 0.00	57.23 -0.99 0.00	89.73 -1.60 0.00	107.01 -2.43 0.00	88.22 -1.78 0.00	69.82 -1.46 0.00	72.78 -0.65 0.00	85.73 0.11 0.00	83.29 0.37 0.00
NORTHPORT___1 23551	103.45 7.69 0.00	114.25 8.28 0.00	115.95 8.03 0.00	85.92 6.34 0.00	98.43 7.58 0.00	86.83 7.31 0.00	91.03 7.98 0.00	94.49 8.67 0.00	128.22 10.73 0.00	134.96 10.89 0.00	153.12 10.87 0.00	221.81 13.10 1.31	126.62 9.43 0.00	57.40 5.21 0.00	55.45 5.05 0.00	53.31 4.94 0.00	64.55 6.33 0.00	100.82 9.50 0.00	120.87 11.43 0.00	100.42 10.27 -0.15	79.33 8.05 0.00	81.05 7.62 0.00	93.79 8.18 0.00	89.99 7.07 0.00
NORTHPORT___2 23552	103.45 7.69 0.00	114.25 8.28 0.00	115.95 8.03 0.00	85.92 6.34 0.00	98.43 7.58 0.00	86.83 7.31 0.00	91.03 7.98 0.00	94.49 8.67 0.00	128.22 10.73 0.00	134.96 10.89 0.00	153.12 10.87 0.00	221.81 13.10 1.31	126.62 9.43 0.00	57.40 5.21 0.00	55.45 5.05 0.00	53.31 4.94 0.00	64.55 6.33 0.00	100.82 9.50 0.00	120.87 11.43 0.00	100.42 10.27 -0.15	79.33 8.05 0.00	81.05 7.62 0.00	93.79 8.18 0.00	89.99 7.07 0.00
NORTHPORT___3 23553	103.40 7.64 0.00	114.16 8.19 0.00	115.73 7.81 0.00	85.62 6.04 0.00	98.09 7.24 0.00	86.54 7.03 0.00	90.66 7.61 0.00	94.10 8.28 0.00	127.93 10.44 0.00	134.84 10.77 0.00	152.82 10.57 0.00	221.56 12.96 1.42	126.54 9.35 0.00	57.33 5.14 0.00	55.29 4.88 0.00	53.12 4.75 0.00	64.21 6.00 0.00	100.36 9.03 0.00	120.31 10.88 0.00	99.87 9.72 -0.15	78.93 7.65 0.00	80.74 7.31 0.00	93.40 7.79 0.00	89.77 6.85 0.00
NORTHPORT___4 23650	103.40 7.64 0.00	114.16 8.19 0.00	115.73 7.81 0.00	85.62 6.04 0.00	98.09 7.24 0.00	86.54 7.03 0.00	90.66 7.61 0.00	94.10 8.28 0.00	127.93 10.44 0.00	134.84 10.77 0.00	152.82 10.57 0.00	221.56 12.96 1.42	126.54 9.35 0.00	57.33 5.14 0.00	55.29 4.88 0.00	53.12 4.75 0.00	64.21 6.00 0.00	100.36 9.03 0.00	120.31 10.88 0.00	99.87 9.72 -0.15	78.93 7.65 0.00	80.74 7.31 0.00	93.40 7.79 0.00	89.77 6.85 0.00
NORTHPORT___IC 23718	103.45 7.69 0.00	114.25 8.28 0.00	115.96 8.04 0.00	85.91 6.34 0.00	98.43 7.58 0.00	86.83 7.31 0.00	91.03 7.98 0.00	94.48 8.66 0.00	128.22 10.73 0.00	134.97 10.89 0.00	153.13 10.88 0.00	221.92 13.21 1.31	126.62 9.43 0.00	57.39 5.19 0.00	55.45 5.05 0.00	53.31 4.94 0.00	64.55 6.33 0.00	100.84 9.52 0.00	120.90 11.46 0.00	100.42 10.27 -0.15	79.34 8.05 0.00	81.04 7.61 0.00	93.79 8.17 0.00	89.99 7.07 0.00
NORTH___COUNTRY_ESR 323785	96.03 0.28 0.00	106.68 0.71 0.00	109.13 1.21 0.00	80.65 1.08 0.00	91.74 0.89 0.00	79.93 0.41 0.00	83.16 0.11 0.00	85.64 -0.17 0.00	117.25 -0.24 0.00	123.79 -0.28 0.00	142.36 0.11 0.00	210.18 0.16 0.00	117.14 -0.04 0.00	52.01 -0.18 0.00	50.24 -0.16 0.00	48.20 -0.17 0.00	57.89 -0.33 0.00	90.41 -0.92 0.00	107.34 -2.09 0.00	88.47 -1.54 0.00	69.91 -1.37 0.00	72.19 -1.23 0.00	84.83 -0.79 0.00	82.12 -0.80 0.00
NPX_GEN_1385_PROXY 323591	103.75 7.99 0.00	114.99 9.02 0.00	117.75 9.83 0.00	87.82 8.24 0.00	100.59 9.74 0.00	88.94 9.42 0.00	92.90 9.85 0.00	96.82 11.01 0.00	130.12 12.63 0.00	135.86 11.78 0.00	154.03 11.78 0.00	221.53 12.82 1.31	126.62 9.44 0.00	58.03 5.84 0.00	56.87 6.47 0.00	63.21 6.31 -8.54	151.53 7.97 -85.34	103.00 11.67 0.00	123.62 14.19 0.00	102.80 12.65 -0.15	81.22 9.94 0.00	82.60 9.17 0.00	95.24 9.63 0.00	90.43 7.51 0.00
NPX_GEN_CSC 323557	104.07 8.31 0.00	115.50 9.53 0.00	117.04 9.12 0.00	86.71 7.14 0.00	99.92 9.07 0.00	88.26 8.75 0.00	92.71 9.66 0.00	96.05 10.24 0.00	129.10 11.62 0.00	136.09 12.02 0.00	154.56 12.31 0.00	222.84 14.17 1.36	127.28 10.10 0.00	57.55 5.36 0.00	55.56 5.16 0.00	53.43 5.07 0.00	65.23 7.01 0.00	101.21 9.88 0.00	121.20 11.77 0.00	102.23 12.08 -0.15	80.61 9.33 0.00	82.32 8.89 0.00	95.14 9.53 0.00	91.39 8.47 0.00
NSINS_S___GLNS_FALLS 23858	102.48 6.72 0.00	113.26 7.29 0.00	114.87 6.94 0.00	84.54 4.96 0.00	96.84 5.99 0.00	85.05 5.54 0.00	89.16 6.11 0.00	92.75 6.93 0.00	127.39 9.91 0.00	134.80 10.73 0.00	154.41 12.16 0.00	227.02 17.00 0.00	126.88 9.69 0.00	56.55 4.36 0.00	54.61 4.20 0.00	52.37 4.01 0.00	63.26 5.04 0.00	99.40 8.08 0.00	118.90 9.47 0.00	97.53 7.52 0.00	77.10 5.81 0.00	79.19 5.77 0.00	91.79 6.18 0.00	88.54 5.61 0.00
NUCOR_STEEL___DRP 24197	95.99 0.23 0.00	106.06 0.09 0.00	108.52 0.60 0.00	80.01 0.44 0.00	91.34 0.49 0.00	79.74 0.23 0.00	83.25 0.20 0.00	86.29 0.48 0.00	118.11 0.62 0.00	124.75 0.68 0.00	142.89 0.64 0.00	210.58 0.56 0.00	117.20 0.01 0.00	52.19 0.00 0.00	50.41 0.00 0.00	48.52 0.15 0.00	58.54 0.32 0.00	91.88 0.55 0.00	110.25 0.82 0.00	90.53 0.53 0.00	71.46 0.18 0.00	73.48 0.05 0.00	85.48 -0.14 0.00	82.74 -0.18 0.00
NUMBER_THREE_WT_PWR 323818	98.43 2.67 0.00	108.83 2.86 0.00	110.94 3.02 0.00	81.85 2.28 0.00	93.47 2.62 0.00	81.73 2.21 0.00	85.28 2.22 0.00	88.25 2.44 0.00	120.92 3.43 0.00	127.69 3.62 0.00	146.01 3.76 0.00	215.73 5.71 0.00	119.99 2.81 0.00	53.27 1.08 0.00	51.32 0.91 0.00	49.21 0.84 0.00	59.40 1.18 0.00	93.90 2.57 0.00	112.30 2.86 0.00	92.14 2.14 0.00	72.67 1.39 0.00	74.93 1.51 0.00	86.76 1.15 0.00	84.10 1.18 0.00
NYISO_LBMP_REFERENCE 24008	95.76 0.00 0.00	105.97 0.00 0.00	107.92 0.00 0.00	79.57 0.00 0.00	90.85 0.00 0.00	79.52 0.00 0.00	83.05 0.00 0.00	85.82 0.00 0.00	117.49 0.00 0.00	124.07 0.00 0.00	142.25 0.00 0.00	210.02 0.00 0.00	117.19 0.00 0.00	52.19 0.00 0.00	50.41 0.00 0.00	48.37 0.00 0.00	58.22 0.00 0.00	91.33 0.00 0.00	109.44 0.00 0.00	90.00 0.00 0.00	71.28 0.00 0.00	73.42 0.00 0.00	85.62 0.00 0.00	82.92 0.00 0.00

NYPA_BRENTWD____GT 24164	104.44 8.68 0.00	115.09 9.12 0.00	116.97 9.05 0.00	86.63 7.05 0.00	99.26 8.41 0.00	87.57 8.05 0.00	91.87 8.82 0.00	95.37 9.56 0.00	129.44 11.95 0.00	135.84 11.76 0.00	153.65 11.40 0.00	223.10 14.39 1.31	127.86 10.67 0.00	57.83 5.64 0.00	55.78 5.37 0.00	53.62 5.26 0.00	65.08 6.86 0.00	101.77 10.44 0.00	121.98 12.55 0.00	101.38 11.23 -0.15	80.04 8.75 0.00	81.79 8.37 0.00	94.85 9.24 0.00	91.09 8.17 0.00
NYPA_GOWANUS____GT5 24156	103.05 7.28 0.00	113.67 7.70 0.00	114.99 7.07 0.00	84.89 5.31 -0.01	97.24 6.39 -0.01	85.58 6.06 -0.01	89.46 6.40 0.00	100.88 7.19 -7.88	133.35 10.26 -5.60	144.08 10.98 -9.03	154.05 11.80 0.00	226.73 16.71 0.00	126.92 9.72 -0.01	71.55 4.78 -14.58	71.22 4.40 -16.40	71.28 4.27 -18.65	75.31 5.62 -11.47	132.03 9.18 -31.53	217.93 11.13 -97.36	281.51 9.31 -182.20	123.72 7.26 -45.17	105.74 7.09 -25.22	100.08 7.56 -6.90	89.96 6.79 -0.25
NYPA_GOWANUS____GT6 24157	103.05 7.28 0.00	113.67 7.70 0.00	114.99 7.07 0.00	84.89 5.31 -0.01	97.24 6.39 -0.01	85.58 6.06 -0.01	89.46 6.40 0.00	100.88 7.19 -7.88	133.35 10.26 -5.60	144.08 10.98 -9.03	154.05 11.80 0.00	226.73 16.71 0.00	126.92 9.72 -0.01	71.55 4.78 -14.58	71.22 4.40 -16.40	71.28 4.27 -18.65	75.31 5.62 -11.47	132.03 9.18 -31.53	217.93 11.13 -97.36	281.51 9.31 -182.20	123.72 7.26 -45.17	105.74 7.09 -25.22	100.08 7.56 -6.90	89.96 6.79 -0.25
NYPA_HARLEM__RVR__GT1 24160	102.11 6.36 0.00	112.61 6.63 0.00	113.92 6.00 0.00	84.01 4.43 -0.01	96.18 5.33 -0.01	84.70 5.17 -0.01	88.77 5.72 0.00	92.18 6.37 0.00	126.60 9.12 0.00	133.81 9.74 0.00	152.69 10.44 0.00	224.63 14.61 0.00	125.75 8.57 0.00	56.37 4.18 0.00	54.17 3.76 0.00	52.05 3.68 0.00	63.08 4.87 0.00	99.31 7.99 0.00	119.13 9.70 0.00	98.14 8.14 0.00	77.66 6.38 0.00	79.65 6.22 -0.01	92.30 6.69 0.00	88.98 6.05 0.00
NYPA_HARLEM__RVR__GT2 24161	102.11 6.36 0.00	112.61 6.63 0.00	113.92 6.00 0.00	84.01 4.43 -0.01	96.18 5.33 -0.01	84.70 5.17 -0.01	88.77 5.72 0.00	92.18 6.37 0.00	126.60 9.12 0.00	133.81 9.74 0.00	152.69 10.44 0.00	224.63 14.61 0.00	125.75 8.57 0.00	56.37 4.18 0.00	54.17 3.76 0.00	52.05 3.68 0.00	63.08 4.87 0.00	99.31 7.99 0.00	119.13 9.70 0.00	98.14 8.14 0.00	77.66 6.38 0.00	79.65 6.22 -0.01	92.30 6.69 0.00	88.98 6.05 0.00
NYPA_KENT____GT 24152	102.77 7.01 0.00	113.37 7.40 0.00	114.75 6.83 0.00	84.65 5.07 -0.01	96.97 6.12 -0.01	85.36 5.84 -0.01	89.32 6.27 0.00	97.60 7.03 -4.75	130.90 10.04 -3.38	140.30 10.78 -5.45	153.78 11.53 0.00	226.31 16.29 0.00	126.68 9.48 -0.01	65.63 4.64 -8.79	64.56 4.26 -9.90	63.76 4.14 -11.25	70.58 5.44 -6.92	119.18 8.87 -18.99	154.86 10.76 -34.67	144.91 9.00 -45.91	105.59 7.05 -27.26	95.53 6.89 -15.22	97.15 7.36 -4.17	89.71 6.64 -0.15
NYPA_POUCH1____GT 24155	102.91 7.15 0.00	113.59 7.62 0.00	114.89 6.97 0.00	84.88 5.30 -0.01	97.27 6.42 -0.01	85.64 6.11 -0.01	89.25 6.19 0.00	100.62 6.92 -7.88	132.97 9.88 -5.60	143.65 10.54 -9.03	153.48 11.24 0.00	225.86 15.84 0.00	126.43 9.23 -0.01	71.40 4.63 -14.58	71.07 4.26 -16.40	71.14 4.12 -18.65	75.16 5.47 -11.47	131.72 8.93 -31.46	172.68 10.83 -52.42	161.77 9.06 -62.71	123.52 7.06 -45.17	105.54 6.89 -25.22	99.82 7.29 -6.90	89.68 6.51 -0.25
NYPA_VERNON____GT2 24162	102.59 6.83 0.00	113.17 7.20 0.00	114.48 6.56 0.00	84.44 4.85 -0.01	96.70 5.84 -0.01	85.14 5.61 -0.01	89.20 6.14 0.00	94.33 6.88 -1.63	128.47 9.83 -1.16	136.49 10.55 -1.87	153.67 11.42 0.00	226.17 16.15 0.00	126.56 9.37 0.00	59.77 4.56 -3.01	57.97 4.17 -3.39	56.28 4.05 -3.85	65.91 5.32 -2.37	106.50 8.67 -6.51	132.09 10.52 -12.13	115.22 8.81 -16.41	87.53 6.91 -9.34	85.39 6.75 -5.22	94.27 7.22 -1.43	89.47 6.50 -0.05
NYPA_VERNON____GT3 24163	102.59 6.83 0.00	113.17 7.20 0.00	114.48 6.56 0.00	84.44 4.85 -0.01	96.70 5.84 -0.01	85.14 5.61 -0.01	89.20 6.14 0.00	94.33 6.88 -1.63	128.47 9.83 -1.16	136.49 10.55 -1.87	153.67 11.42 0.00	226.17 16.15 0.00	126.56 9.37 0.00	59.77 4.56 -3.01	57.97 4.17 -3.39	56.28 4.05 -3.85	65.91 5.32 -2.37	106.50 8.67 -6.51	132.09 10.52 -12.13	115.22 8.81 -16.41	87.53 6.91 -9.34	85.39 6.75 -5.22	94.27 7.22 -1.43	89.47 6.50 -0.05
NYPA__ASTORIA_CC1 323568	102.48 6.72 0.00	113.02 7.05 0.00	114.34 6.42 0.00	84.32 4.74 -0.01	96.58 5.72 -0.01	85.03 5.50 -0.01	89.09 6.03 0.00	92.60 6.78 0.00	127.18 9.70 0.00	134.48 10.41 0.00	153.51 11.27 0.00	225.92 15.90 0.00	126.48 9.30 0.00	56.71 4.52 0.00	54.53 4.13 0.00	52.39 4.02 0.00	63.49 5.27 0.00	99.93 8.60 0.00	119.86 10.42 0.00	98.74 8.74 0.00	78.12 6.84 0.00	80.10 6.67 -0.01	92.73 7.11 0.00	89.31 6.39 0.00
NYPA__ASTORIA_CC2 323569	102.48 6.72 0.00	113.02 7.05 0.00	114.34 6.42 0.00	84.32 4.74 -0.01	96.58 5.72 -0.01	85.03 5.50 -0.01	89.09 6.03 0.00	92.60 6.78 0.00	127.18 9.70 0.00	134.48 10.41 0.00	153.51 11.27 0.00	225.92 15.90 0.00	126.48 9.30 0.00	56.71 4.52 0.00	54.53 4.13 0.00	52.39 4.02 0.00	63.49 5.27 0.00	99.93 8.60 0.00	119.86 10.42 0.00	98.74 8.74 0.00	78.12 6.84 0.00	80.10 6.67 -0.01	92.73 7.11 0.00	89.31 6.39 0.00
NYPA__HOLTSVILL 23794	103.97 8.21 0.00	114.87 8.90 0.00	116.46 8.54 0.00	86.23 6.66 0.00	98.89 8.04 0.00	87.28 7.76 0.00	91.57 8.52 0.00	94.99 9.17 0.00	128.83 11.35 0.00	135.73 11.66 0.00	154.11 11.86 0.00	223.26 14.60 1.36	127.43 10.24 0.00	57.62 5.43 0.00	55.60 5.19 0.00	53.45 5.08 0.00	64.90 6.67 0.00	101.37 10.04 0.00	121.47 12.03 0.00	101.20 11.04 -0.15	79.86 8.58 0.00	81.60 8.18 0.00	94.41 8.79 0.00	90.70 7.78 0.00
NYPA__HELLGATE_GT1 24158	102.11 6.36 0.00	112.61 6.63 0.00	113.92 6.00 0.00	84.01 4.43 -0.01	96.18 5.33 -0.01	84.70 5.17 -0.01	88.77 5.72 0.00	92.18 6.37 0.00	126.60 9.12 0.00	133.81 9.74 0.00	152.69 10.44 0.00	224.63 14.61 0.00	125.75 8.57 0.00	56.37 4.18 0.00	54.17 3.76 0.00	52.05 3.68 0.00	63.08 4.87 0.00	99.31 7.99 0.00	119.13 9.70 0.00	98.14 8.14 0.00	77.66 6.38 0.00	79.65 6.22 -0.01	92.30 6.69 0.00	88.98 6.05 0.00
NYPA__HELLGATE_GT2 24159	102.11 6.36 0.00	112.61 6.63 0.00	113.92 6.00 0.00	84.01 4.43 -0.01	96.18 5.33 -0.01	84.70 5.17 -0.01	88.77 5.72 0.00	92.18 6.37 0.00	126.60 9.12 0.00	133.81 9.74 0.00	152.69 10.44 0.00	224.63 14.61 0.00	125.75 8.57 0.00	56.37 4.18 0.00	54.17 3.76 0.00	52.05 3.68 0.00	63.08 4.87 0.00	99.31 7.99 0.00	119.13 9.70 0.00	98.14 8.14 0.00	77.66 6.38 0.00	79.65 6.22 -0.01	92.30 6.69 0.00	88.98 6.05 0.00
NYS_BARGE__HYD 23848	86.95 -7.13 1.67	97.76 -8.21 0.00	91.86 -7.98 8.08	73.28 -5.52 0.77	84.24 -6.61 0.00	72.91 -6.61 0.00	75.36 -7.69 0.00	74.55 -9.23 2.03	103.55 -13.93 0.00	109.38 -14.70 0.00	126.20 -16.05 0.00	185.16 -24.86 0.00	102.37 -14.81 0.00	45.53 -6.67 0.00	43.99 -6.41 0.00	42.49 -5.87 0.00	51.10 -7.11 0.00	78.65 -10.74 1.93	87.72 -12.51 9.21	78.23 -11.64 0.13	61.95 -9.33 0.00	64.40 -9.03 0.00	75.89 -9.72 0.00	74.43 -8.49 0.00

OAK ORCHARD___HYD 24046	91.12 -3.73 0.91	101.55 -4.42 0.00	99.46 -4.08 4.38	76.21 -2.94 0.42	87.30 -3.56 0.00	76.07 -3.44 0.00	79.07 -3.98 0.00	80.04 -4.67 1.10	110.50 -6.98 0.00	116.84 -7.23 0.00	134.41 -7.84 0.00	197.57 -12.45 0.00	109.60 -7.59 0.00	48.82 -3.37 0.00	47.20 -3.20 0.00	45.52 -2.85 0.00	54.82 -3.40 0.00	86.23 -5.09 0.00	103.26 -6.18 0.00	84.31 -5.69 0.00	66.55 -4.73 0.00	68.64 -4.78 0.00	80.33 -5.29 0.00	78.20 -4.72 0.00
OAKDALE___35_KV_LOAD 356122	96.09 0.33 0.00	106.22 0.25 0.00	108.03 0.11 0.00	79.75 0.18 0.00	91.01 0.16 0.00	79.72 0.20 0.00	83.18 0.13 0.00	85.97 0.15 0.00	117.43 -0.06 0.00	124.04 -0.03 0.00	142.28 0.03 0.00	210.12 0.10 0.00	116.80 -0.39 0.00	51.97 -0.22 0.00	50.17 -0.23 0.00	48.25 -0.11 0.00	58.20 -0.03 0.00	91.61 -0.09 -0.37	111.32 0.10 -1.79	90.02 -0.01 -0.03	71.06 -0.22 0.00	73.00 -0.42 0.00	84.97 -0.64 0.00	82.35 -0.57 0.00
OCC_CHEM___DRP 24175	87.07 -8.68 0.00	96.01 -9.96 0.00	98.58 -9.34 0.00	72.87 -6.70 0.00	82.78 -8.07 0.00	71.56 -7.96 0.00	73.89 -9.16 0.00	74.99 -10.83 0.00	101.46 -16.02 0.00	107.34 -16.73 0.00	123.91 -18.34 0.00	181.78 -28.24 0.00	100.56 -16.63 0.00	44.73 -7.46 0.00	43.21 -7.20 0.00	41.76 -6.61 0.00	50.16 -8.06 0.00	76.75 -12.48 2.10	84.38 -15.02 10.04	76.69 -13.17 0.15	60.64 -10.64 0.00	63.06 -10.37 0.00	74.27 -11.35 0.00	72.91 -10.01 0.00
OH_GEN_PROXY 24063	85.97 -7.70 2.10	97.13 -8.84 0.00	89.62 -8.19 10.11	72.68 -5.92 0.97	83.70 -7.15 0.00	72.49 -7.02 0.00	74.88 -8.17 0.00	73.65 -9.62 2.54	103.15 -14.34 0.00	109.08 -14.99 0.00	125.92 -16.33 0.00	184.89 -25.13 0.00	102.26 -14.93 0.00	45.49 -6.71 0.00	43.96 -6.45 0.00	42.43 -5.94 0.00	50.98 -7.24 0.00	78.36 -11.19 1.77	87.53 -13.42 8.48	77.99 -11.89 0.12	61.64 -9.64 0.00	63.88 -9.55 0.00	75.27 -10.35 0.00	73.81 -9.11 0.00
OLIN_CORP_DRP 24177	87.41 -8.34 0.00	96.47 -9.50 0.00	98.48 -9.43 0.00	73.11 -6.46 0.00	83.16 -7.69 0.00	71.93 -7.58 0.00	74.29 -8.76 0.00	75.43 -10.39 0.00	101.77 -15.71 0.00	107.42 -16.64 0.00	124.00 -18.25 0.00	181.95 -28.06 0.00	100.66 -16.53 0.00	44.77 -7.43 0.00	43.25 -7.16 0.00	41.77 -6.60 0.00	50.21 -8.01 0.00	76.97 -12.23 2.13	84.82 -14.44 10.17	76.84 -13.02 0.15	60.73 -10.55 0.00	63.19 -10.23 0.00	74.39 -11.23 0.00	73.02 -9.90 0.00
OLIN_CORP_DSASP 323712	85.16 -8.69 1.90	96.00 -9.97 0.00	89.38 -9.36 9.18	71.99 -6.70 0.88	82.78 -8.07 0.00	71.56 -7.95 0.00	73.91 -9.14 0.00	72.68 -10.82 2.31	101.47 -16.01 0.00	107.36 -16.71 0.00	123.92 -18.33 0.00	181.89 -28.13 0.00	100.55 -16.64 0.00	44.73 -7.47 0.00	43.23 -7.18 0.00	41.76 -6.61 0.00	50.17 -8.05 0.00	76.76 -12.47 2.10	84.39 -15.01 10.04	76.68 -13.18 0.15	60.64 -10.64 0.00	62.94 -10.49 0.00	74.25 -11.37 0.00	72.91 -10.02 0.00
ONEIDA_HERK_LFGE 323681	98.76 3.00 0.00	109.23 3.26 0.00	111.17 3.26 0.00	81.96 2.39 0.00	93.67 2.82 0.00	82.01 2.49 0.00	85.69 2.64 0.00	88.76 2.95 0.00	121.65 4.17 0.00	128.53 4.46 0.00	147.05 4.80 0.00	217.21 7.19 0.00	120.94 3.75 0.00	53.81 1.62 0.00	51.89 1.49 0.00	49.84 1.47 0.00	60.09 1.87 0.00	94.53 3.21 0.00	113.21 3.77 0.00	92.93 2.93 0.00	73.41 2.12 0.00	75.55 2.12 0.00	87.70 2.08 0.00	84.88 1.96 0.00
ONEIDA___115KV_TB4 55905	98.88 3.12 0.00	109.47 3.50 0.00	111.38 3.46 0.00	82.13 2.55 0.00	93.85 3.00 0.00	82.30 2.79 0.00	86.07 3.02 0.00	89.15 3.34 0.00	122.18 4.69 0.00	129.08 5.01 0.00	147.46 5.21 0.00	217.85 7.83 0.00	121.28 4.10 0.00	54.02 1.83 0.00	52.13 1.72 0.00	50.14 1.77 0.00	60.45 2.22 0.00	94.71 3.38 0.00	113.51 4.07 0.00	93.15 3.15 0.00	73.61 2.32 0.00	75.65 2.22 0.00	87.88 2.26 0.00	85.01 2.08 0.00
ONONDAGA_REF_OCCRA 23987	95.27 -0.49 0.00	105.30 -0.68 0.00	107.19 -0.73 0.00	79.06 -0.52 0.00	90.26 -0.59 0.00	79.05 -0.46 0.00	82.58 -0.47 0.00	85.38 -0.44 0.00	116.81 -0.67 0.00	123.42 -0.65 0.00	141.49 -0.76 0.00	208.75 -1.27 0.00	116.21 -0.97 0.00	51.77 -0.43 0.00	50.00 -0.41 0.00	48.09 -0.28 0.00	57.95 -0.28 0.00	91.01 -0.32 0.00	109.15 -0.29 0.00	89.58 -0.42 0.00	70.79 -0.49 0.00	72.77 -0.66 0.00	84.66 -0.96 0.00	81.98 -0.95 0.00
ONONDAGA___COGEN 23986	95.21 -0.55 0.00	105.23 -0.74 0.00	107.24 -0.67 0.00	79.10 -0.48 0.00	90.31 -0.55 0.00	79.05 -0.46 0.00	82.59 -0.46 0.00	85.37 -0.45 0.00	116.81 -0.67 0.00	123.42 -0.65 0.00	141.47 -0.78 0.00	208.62 -1.40 0.00	116.22 -0.96 0.00	51.78 -0.41 0.00	50.02 -0.39 0.00	48.10 -0.27 0.00	57.96 -0.27 0.00	91.04 -0.29 0.00	109.16 -0.28 0.00	89.59 -0.41 0.00	70.82 -0.46 0.00	72.83 -0.59 0.00	84.69 -0.92 0.00	82.02 -0.90 0.00
ONTARIO___LFGE 23819	94.49 -1.27 0.00	104.23 -1.74 0.00	106.45 -1.47 0.00	78.63 -0.95 0.00	89.73 -1.12 0.00	78.89 -0.62 0.00	82.22 -0.83 0.00	84.87 -0.95 0.00	115.44 -2.04 0.00	121.89 -2.18 0.00	139.82 -2.43 0.00	205.45 -4.57 0.00	114.35 -2.84 0.00	50.90 -1.29 0.00	49.24 -1.16 0.00	47.54 -0.83 0.00	57.22 -1.00 0.00	91.26 -1.64 -1.58	114.98 -2.03 -7.57	87.97 -2.14 -0.11	69.59 -1.70 0.00	71.45 -1.97 0.00	83.12 -2.50 0.00	80.51 -2.41 0.00
ORANGEVILLE_WT_PWR 323706	91.26 -4.06 0.45	101.17 -4.80 0.00	101.44 -4.32 2.15	76.40 -2.97 0.21	87.08 -3.77 0.00	75.78 -3.73 0.00	78.56 -4.49 0.00	79.75 -5.52 0.54	108.73 -8.76 0.00	114.57 -9.50 0.00	131.85 -10.40 0.00	193.20 -16.81 0.00	106.58 -10.61 0.00	47.38 -4.81 0.00	45.70 -4.71 0.00	44.06 -4.31 0.00	52.99 -5.23 0.00	74.01 -8.29 9.03	56.52 -9.66 43.25	80.60 -8.78 0.63	64.40 -6.89 0.00	66.64 -6.79 0.00	78.13 -7.48 0.00	76.37 -6.55 0.00
ORANGEVILLE___ESR 323794	91.26 -4.06 0.45	101.17 -4.80 0.00	101.44 -4.32 2.15	76.40 -2.97 0.21	87.08 -3.77 0.00	75.78 -3.73 0.00	78.56 -4.49 0.00	79.75 -5.52 0.54	108.73 -8.76 0.00	114.57 -9.50 0.00	131.85 -10.40 0.00	193.20 -16.81 0.00	106.58 -10.61 0.00	47.38 -4.81 0.00	45.70 -4.71 0.00	44.06 -4.31 0.00	52.99 -5.23 0.00	74.01 -8.29 9.03	56.52 -9.66 43.25	80.60 -8.78 0.63	64.40 -6.89 0.00	66.64 -6.79 0.00	78.13 -7.48 0.00	76.37 -6.55 0.00
OSWEGATCHIE___HYD 24044	96.54 0.79 0.00	106.87 0.90 0.00	109.23 1.31 0.00	80.66 1.08 0.00	91.95 1.10 0.00	80.05 0.53 0.00	83.10 0.06 0.00	85.37 -0.44 0.00	116.88 -0.61 0.00	123.31 -0.76 0.00	141.24 -1.01 0.00	208.83 -1.19 0.00	116.18 -1.00 0.00	51.56 -0.63 0.00	49.74 -0.66 0.00	47.76 -0.61 0.00	57.57 -0.66 0.00	90.73 -0.60 0.00	108.39 -1.05 0.00	89.13 -0.88 0.00	70.44 -0.84 0.00	73.17 -0.25 0.00	85.53 -0.09 0.00	83.07 0.15 0.00
OSWEGO___5 23606	92.58 -3.18 0.00	102.41 -3.56 0.00	104.35 -3.57 0.00	76.96 -2.62 0.00	87.85 -3.00 0.00	76.90 -2.61 0.00	80.31 -2.74 0.00	82.96 -2.86 0.00	113.51 -3.97 0.00	119.92 -4.15 0.00	137.51 -4.74 0.00	202.81 -7.21 0.00	113.05 -4.14 0.00	50.36 -1.83 0.00	48.65 -1.76 0.00	46.73 -1.64 0.00	56.26 -1.96 0.00	88.32 -3.00 0.00	105.87 -3.56 0.00	86.95 -3.05 0.00	68.80 -2.48 0.00	70.82 -2.61 0.00	82.51 -3.11 0.00	79.92 -3.00 0.00

OSWEGO___6 23613	92.58 -3.18 0.00	102.41 -3.56 0.00	104.35 -3.57 0.00	76.96 -2.62 0.00	87.85 -3.00 0.00	76.90 -2.61 0.00	80.31 -2.74 0.00	82.96 -2.86 0.00	113.51 -3.97 0.00	119.92 -4.15 0.00	137.51 -4.74 0.00	202.81 -7.21 0.00	113.05 -4.14 0.00	50.36 -1.83 0.00	48.65 -1.76 0.00	46.73 -1.64 0.00	56.26 -1.96 0.00	88.32 -3.00 0.00	105.87 -3.56 0.00	86.95 -3.05 0.00	68.80 -2.48 0.00	70.82 -2.61 0.00	82.51 -3.11 0.00	79.92 -3.00 0.00
OUTOKUMPU-AB___DRP 24206	89.69 -6.07 0.00	98.90 -7.07 0.00	101.34 -6.58 0.00	74.93 -4.65 0.00	85.13 -5.72 0.00	73.69 -5.82 0.00	76.21 -6.84 0.00	77.52 -8.29 0.00	104.97 -12.51 0.00	110.92 -13.15 0.00	127.99 -14.25 0.00	187.74 -22.28 0.00	103.83 -13.35 0.00	46.17 -6.02 0.00	44.58 -5.83 0.00	43.06 -5.31 0.00	51.79 -6.44 0.00	79.20 -9.87 2.25	86.86 -11.82 10.76	79.26 -10.59 0.16	62.71 -8.58 0.00	65.18 -8.25 0.00	76.62 -9.00 0.00	75.07 -7.85 0.00
OXBOW___BTM 323836	86.68 -7.19 1.89	97.66 -8.31 0.00	91.01 -7.78 9.13	73.17 -5.53 0.87	84.11 -6.74 0.00	72.75 -6.76 0.00	75.22 -7.83 0.00	74.12 -9.40 2.30	103.47 -14.01 0.00	109.41 -14.66 0.00	126.28 -15.97 0.00	185.32 -24.70 0.00	102.46 -14.73 0.00	45.56 -6.63 0.00	44.01 -6.40 0.00	42.51 -5.85 0.00	51.10 -7.11 0.00	78.24 -10.92 2.17	85.98 -13.06 10.40	78.18 -11.67 0.15	61.83 -9.45 0.00	64.15 -9.27 0.00	75.60 -10.02 0.00	74.14 -8.78 0.00
OXBOW____ 24026	88.59 -7.17 0.00	97.65 -8.31 0.00	100.17 -7.75 0.00	74.04 -5.53 0.00	84.11 -6.73 0.00	72.76 -6.76 0.00	75.22 -7.83 0.00	76.41 -9.40 0.00	103.46 -14.02 0.00	109.40 -14.67 0.00	126.28 -15.97 0.00	185.22 -24.80 0.00	102.46 -14.73 0.00	45.57 -6.63 0.00	44.00 -6.40 0.00	42.51 -5.86 0.00	51.09 -7.13 0.00	78.21 -10.94 2.17	85.87 -13.16 10.40	78.17 -11.68 0.15	61.83 -9.45 0.00	64.27 -9.16 0.00	75.61 -10.00 0.00	74.16 -8.76 0.00
OXY_CHEM_DSASP 323612	87.07 -8.68 0.00	96.01 -9.96 0.00	98.58 -9.34 0.00	72.87 -6.70 0.00	82.78 -8.07 0.00	71.56 -7.96 0.00	73.89 -9.16 0.00	74.99 -10.83 0.00	101.46 -16.02 0.00	107.34 -16.73 0.00	123.91 -18.34 0.00	181.78 -28.24 0.00	100.56 -16.63 0.00	44.73 -7.46 0.00	43.21 -7.20 0.00	41.76 -6.61 0.00	50.16 -8.06 0.00	76.75 -12.48 2.10	84.38 -15.02 10.04	76.69 -13.17 0.15	60.64 -10.64 0.00	63.06 -10.37 0.00	74.27 -11.35 0.00	72.91 -10.01 0.00
OZONE_PARK_ESR 323760	103.10 7.34 0.00	113.69 7.72 0.00	114.93 7.01 0.00	84.73 5.15 0.00	97.03 6.18 0.00	85.44 5.93 0.00	89.66 6.60 0.00	93.12 7.31 0.00	127.85 10.37 0.00	135.28 11.20 0.00	154.51 12.26 0.00	227.45 17.43 0.00	127.36 10.17 0.00	57.03 4.84 0.00	54.89 4.48 0.00	52.73 4.36 0.00	63.91 5.69 0.00	100.66 9.33 0.00	120.76 11.33 0.00	99.45 9.45 0.00	78.63 7.35 0.00	80.62 7.19 0.00	93.37 7.75 0.00	89.92 7.00 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	87.07 -8.68 0.00	96.01 -9.96 0.00	98.58 -9.34 0.00	72.87 -6.70 0.00	82.78 -8.07 0.00	71.56 -7.96 0.00	73.89 -9.16 0.00	74.99 -10.83 0.00	101.46 -16.02 0.00	107.34 -16.73 0.00	123.91 -18.34 0.00	181.78 -28.24 0.00	100.56 -16.63 0.00	44.73 -7.46 0.00	43.21 -7.20 0.00	41.76 -6.61 0.00	50.16 -8.06 0.00	76.75 -12.48 2.10	84.38 -15.02 10.04	76.69 -13.17 0.15	60.64 -10.64 0.00	63.06 -10.37 0.00	74.27 -11.35 0.00	72.91 -10.01 0.00
PACKARD__115KV_DUPONT_184 80571	87.07 -8.68 0.00	96.01 -9.96 0.00	98.58 -9.34 0.00	72.87 -6.70 0.00	82.78 -8.07 0.00	71.56 -7.96 0.00	73.89 -9.16 0.00	74.99 -10.83 0.00	101.46 -16.02 0.00	107.34 -16.73 0.00	123.91 -18.34 0.00	181.78 -28.24 0.00	100.56 -16.63 0.00	44.73 -7.46 0.00	43.21 -7.20 0.00	41.76 -6.61 0.00	50.16 -8.06 0.00	76.75 -12.48 2.10	84.38 -15.02 10.04	76.69 -13.17 0.15	60.64 -10.64 0.00	63.06 -10.37 0.00	74.27 -11.35 0.00	72.91 -10.01 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	102.14 6.38 0.00	112.64 6.67 0.00	113.95 6.03 0.00	84.06 4.47 -0.01	96.27 5.41 -0.01	84.76 5.23 -0.01	88.83 5.78 0.00	92.30 6.48 0.00	126.73 9.24 0.00	133.95 9.88 0.00	152.89 10.64 0.00	224.94 14.92 0.00	125.94 8.76 0.00	56.42 4.23 0.00	54.30 3.89 0.00	52.17 3.80 0.00	63.24 5.01 0.00	99.50 8.18 0.00	119.40 9.97 0.00	98.33 8.33 0.00	77.78 6.50 0.00	79.76 6.32 -0.01	92.38 6.77 0.00	89.00 6.08 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	102.40 6.64 0.00	112.92 6.95 0.00	114.22 6.30 0.00	84.28 4.70 -0.01	96.38 5.52 -0.01	84.93 5.41 -0.01	89.04 5.99 0.00	92.58 6.77 0.00	127.09 9.60 0.00	134.33 10.25 0.00	153.28 11.03 0.00	225.49 15.47 0.00	126.25 9.06 0.00	56.47 4.28 0.00	54.39 3.99 0.00	52.25 3.89 0.00	63.36 5.14 0.00	99.75 8.42 0.00	119.69 10.25 0.00	98.49 8.48 0.00	77.90 6.61 0.00	79.89 6.46 -0.01	92.59 6.97 0.00	89.23 6.30 0.00
PATROON__115KV_TB1 80586	100.08 4.32 0.00	110.63 4.66 0.00	112.37 4.45 0.00	82.66 3.09 0.00	94.56 3.71 0.00	82.89 3.37 0.00	86.67 3.62 0.00	89.69 3.88 0.00	123.03 5.54 0.00	130.03 5.96 0.00	148.85 6.60 0.00	218.94 8.92 0.00	122.56 5.37 0.00	54.63 2.44 0.00	52.57 2.16 0.00	50.11 1.75 0.00	60.38 2.16 0.00	94.56 3.23 0.00	113.26 3.82 0.00	93.13 3.13 0.00	73.97 2.69 0.00	76.31 2.89 0.00	88.96 3.35 0.00	86.46 3.54 0.00
PATTRSNVILLE__SOLAR 323815	99.93 4.18 0.00	110.42 4.44 0.00	112.27 4.35 0.00	82.68 3.11 0.00	94.49 3.64 0.00	82.85 3.34 0.00	86.64 3.59 0.00	89.73 3.92 0.00	123.03 5.54 0.00	129.94 5.87 0.00	148.59 6.34 0.00	218.72 8.70 0.00	122.01 4.82 0.00	54.41 2.22 0.00	52.57 2.17 0.00	50.51 2.14 0.00	60.99 2.77 0.00	95.81 4.48 0.00	114.81 5.37 0.00	94.41 4.40 0.00	74.70 3.42 0.00	76.80 3.38 0.00	89.26 3.65 0.00	86.27 3.35 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	92.49 -3.27 0.00	101.96 -4.01 0.00	104.69 -3.23 0.00	77.21 -2.36 0.00	87.73 -3.12 0.00	76.17 -3.34 0.00	78.79 -4.26 0.00	80.27 -5.54 0.00	108.81 -8.68 0.00	114.95 -9.12 0.00	132.79 -9.46 0.00	195.07 -14.95 0.00	107.90 -9.29 0.00	48.06 -4.13 0.00	46.40 -4.01 0.00	44.79 -3.58 0.00	53.85 -4.37 0.00	82.09 -6.90 2.33	89.83 -8.46 11.15	82.33 -7.51 0.16	65.11 -6.18 0.00	67.39 -6.03 0.00	79.07 -6.55 0.00	77.43 -5.49 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	103.21 7.45 0.00	113.81 7.83 0.00	115.14 7.22 0.00	84.83 5.26 0.00	97.12 6.27 0.00	85.49 5.98 0.00	89.62 6.57 0.00	93.11 7.30 0.00	127.83 10.35 0.00	135.20 11.13 0.00	154.50 12.25 0.00	227.50 17.48 0.00	127.26 10.07 0.00	56.93 4.74 0.00	54.85 4.44 0.00	52.67 4.30 0.00	63.80 5.57 0.00	100.43 9.10 0.00	120.49 11.06 0.00	99.16 9.16 0.00	78.41 7.12 0.00	80.38 6.96 0.00	93.12 7.50 0.00	89.75 6.82 0.00
PEEKSKILL____ 23653	101.53 5.77 0.00	111.96 5.99 0.00	113.27 5.35 0.00	83.48 3.91 0.00	95.58 4.73 0.00	84.14 4.62 0.00	88.21 5.16 0.00	91.52 5.71 0.00	125.60 8.11 0.00	132.74 8.67 0.00	151.62 9.37 0.00	223.23 13.21 0.00	124.95 7.76 0.00	55.91 3.72 0.00	53.83 3.42 0.00	51.70 3.33 0.00	62.62 4.40 0.00	98.57 7.24 0.00	118.26 8.83 0.00	97.40 7.40 0.00	77.05 5.77 0.00	79.00 5.57 0.00	91.55 5.94 0.00	88.25 5.32 0.00

PGE MADISON___WINDPWR 24146	105.99 10.24 0.00	117.01 11.04 0.00	118.91 10.99 0.00	87.75 8.18 0.00	100.32 9.47 0.00	88.15 8.63 0.00	92.31 9.26 0.00	96.07 10.26 0.00	131.69 14.20 0.00	139.17 15.10 0.00	158.99 16.75 0.00	233.65 23.64 0.00	128.06 10.87 0.00	56.49 4.30 0.00	53.78 3.37 0.00	51.53 3.16 0.00	62.88 4.66 0.00	99.38 8.05 0.00	119.36 9.92 0.00	99.28 9.27 0.00	78.97 7.69 0.00	80.75 7.33 0.00	92.94 7.32 0.00	89.11 6.19 0.00
PIERCEFIELD___HYD 23852	95.82 0.06 0.00	106.23 0.26 0.00	108.91 0.99 0.00	80.51 0.94 0.00	91.59 0.74 0.00	79.42 -0.09 0.00	82.14 -0.91 0.00	83.85 -1.97 0.00	114.73 -2.76 0.00	120.96 -3.11 0.00	138.78 -3.47 0.00	205.49 -4.54 0.00	114.37 -2.82 0.00	50.75 -1.45 0.00	49.05 -1.36 0.00	47.12 -1.25 0.00	56.65 -1.57 0.00	88.90 -2.42 0.00	106.11 -3.32 0.00	87.48 -2.53 0.00	69.32 -1.96 0.00	72.44 -0.99 0.00	85.39 -0.22 0.00	83.07 0.15 0.00
PINELAWN_CC_1 323563	103.86 8.10 0.00	114.62 8.64 0.00	116.16 8.24 0.00	85.92 6.34 0.00	98.42 7.56 0.00	86.81 7.29 0.00	91.05 8.00 0.00	94.53 8.72 0.00	128.61 11.12 0.00	135.53 11.46 0.00	153.86 11.61 0.00	223.21 14.77 1.58	127.32 10.13 0.00	57.53 5.34 0.00	55.45 5.04 0.00	53.34 4.97 0.00	64.69 6.46 0.00	101.29 9.96 0.00	121.44 12.00 0.00	100.77 10.61 -0.15	79.56 8.28 0.00	81.35 7.92 0.00	94.18 8.57 0.00	90.50 7.58 0.00
PJM_GEN_HTP_PROXY 323702	102.16 6.40 0.00	112.61 6.64 0.00	113.90 5.98 0.00	83.96 4.38 0.00	96.14 5.30 0.00	84.65 5.14 0.00	88.78 5.73 0.00	92.17 6.35 0.00	126.52 9.03 0.00	133.77 9.70 0.00	152.76 10.51 0.00	224.82 14.80 0.00	125.91 8.72 0.00	56.38 4.19 0.00	54.28 3.87 0.00	52.12 3.75 0.00	63.14 4.92 0.00	107.42 8.06 -8.03	119.21 9.78 0.00	98.22 8.21 0.00	77.69 6.40 0.00	79.66 6.23 0.00	92.27 6.65 0.00	88.90 5.98 0.00
PJM_GEN_KEystone 24065	25.19 0.41 70.98	38.05 0.20 68.13	59.24 -0.09 48.59	37.26 -0.02 42.30	59.82 0.01 31.04	79.66 0.14 0.00	79.21 0.01 3.86	82.62 -0.18 3.01	84.38 -0.48 32.62	123.59 -0.49 0.00	141.82 -0.43 0.00	117.73 -0.83 91.45	19.81 -0.65 96.73	30.76 -0.21 21.22	42.46 -0.28 7.67	48.25 -0.12 0.00	58.26 0.04 0.00	99.49 0.13 -8.03	109.79 0.35 0.00	90.14 0.14 0.00	71.17 -0.11 0.00	63.06 -0.36 10.00	56.65 -0.49 28.48	45.07 -0.38 37.47
PJM_GEN_NEPTUNE_PROXY 323594	102.79 7.03 0.00	113.42 7.45 0.00	114.87 6.95 0.00	84.92 5.34 0.00	97.24 6.39 0.00	85.70 6.19 0.00	89.87 6.81 0.00	93.28 7.46 0.00	127.15 9.66 0.00	134.16 10.08 0.00	152.49 10.25 0.00	221.31 12.98 1.69	126.15 8.97 0.00	56.89 4.69 0.00	54.80 4.39 0.00	52.66 4.30 0.00	63.79 5.57 0.00	107.99 8.63 -8.03	119.87 10.43 0.00	99.36 9.21 -0.15	78.46 7.17 0.00	80.29 6.86 0.00	92.99 7.37 0.00	89.43 6.51 0.00
PJM_GEN_VFT_PROXY 323633	101.52 5.76 0.00	111.98 6.00 0.00	113.25 5.33 0.00	83.43 3.86 0.00	95.57 4.72 0.00	84.20 4.68 0.00	88.38 5.33 0.00	91.78 5.97 0.00	126.03 8.54 0.00	133.26 9.19 0.00	152.13 9.88 0.00	224.03 14.01 0.00	125.41 8.22 0.00	56.16 3.97 0.00	54.03 3.62 0.00	51.88 3.52 0.00	62.89 4.67 0.00	107.08 7.71 -8.03	118.77 9.34 0.00	97.86 7.85 0.00	77.40 6.12 0.00	79.34 5.92 0.00	91.91 6.30 0.00	88.60 5.67 0.00
PLATSBURG_115KV_PMLD1 355749	97.79 2.03 0.00	108.59 2.61 0.00	110.94 3.02 0.00	81.85 2.28 0.00	93.08 2.23 0.00	81.07 1.56 0.00	84.25 1.20 0.00	86.79 0.98 0.00	118.82 1.33 0.00	125.58 1.51 0.00	144.48 2.23 0.00	212.78 2.76 0.00	118.62 1.43 0.00	52.73 0.54 0.00	50.88 0.47 0.00	48.72 0.35 0.00	58.68 0.46 0.00	91.71 0.38 0.00	108.76 -0.67 0.00	89.63 -0.37 0.00	70.70 -0.58 0.00	72.84 -0.59 0.00	85.51 -0.11 0.00	82.71 -0.21 0.00
PLEASANTVLY___LBMP 24000	101.51 5.75 0.00	112.00 6.03 0.00	113.33 5.42 0.00	83.49 3.92 0.00	95.60 4.75 0.00	84.08 4.57 0.00	88.10 5.05 0.00	91.39 5.58 0.00	125.42 7.94 0.00	132.60 8.53 0.00	151.50 9.25 0.00	223.07 13.05 0.00	124.87 7.69 0.00	55.86 3.67 0.00	53.79 3.38 0.00	51.64 3.27 0.00	62.49 4.27 0.00	98.25 6.92 0.00	117.86 8.42 0.00	97.05 7.05 0.00	76.80 5.51 0.00	78.79 5.36 0.00	91.36 5.75 0.00	88.12 5.20 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	102.04 6.28 0.00	112.50 6.53 0.00	113.81 5.90 0.00	83.87 4.30 0.00	96.06 5.21 0.00	84.54 5.03 0.00	88.61 5.56 0.00	91.97 6.15 0.00	126.23 8.74 0.00	133.47 9.40 0.00	152.41 10.16 0.00	224.37 14.35 0.00	125.61 8.43 0.00	56.22 4.03 0.00	54.13 3.72 0.00	51.99 3.62 0.00	62.96 4.74 0.00	99.07 7.74 0.00	118.84 9.41 0.00	97.89 7.88 0.00	77.42 6.14 0.00	79.39 5.97 0.00	92.00 6.38 0.00	88.69 5.76 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	102.04 6.28 0.00	112.50 6.53 0.00	113.81 5.90 0.00	83.87 4.30 0.00	96.06 5.21 0.00	84.54 5.03 0.00	88.61 5.56 0.00	91.97 6.15 0.00	126.23 8.74 0.00	133.47 9.40 0.00	152.41 10.16 0.00	224.37 14.35 0.00	125.61 8.43 0.00	56.22 4.03 0.00	54.13 3.72 0.00	51.99 3.62 0.00	62.96 4.74 0.00	99.07 7.74 0.00	118.84 9.41 0.00	97.89 7.88 0.00	77.42 6.14 0.00	79.39 5.97 0.00	92.00 6.38 0.00	88.69 5.76 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	102.73 6.97 0.00	113.30 7.33 0.00	114.59 6.67 0.00	84.45 4.88 0.00	96.66 5.81 0.00	85.03 5.52 0.00	89.09 6.04 0.00	92.55 6.74 0.00	127.07 9.58 0.00	134.37 10.29 0.00	153.59 11.34 0.00	226.19 16.17 0.00	126.55 9.36 0.00	56.60 4.41 0.00	54.51 4.10 0.00	52.33 3.96 0.00	63.38 5.16 0.00	99.71 8.38 0.00	119.64 10.21 0.00	98.47 8.47 0.00	77.90 6.62 0.00	79.84 6.42 0.00	92.53 6.91 0.00	89.23 6.30 0.00
POLETTI___ 23519	101.70 5.94 0.00	112.16 6.19 0.00	113.40 5.48 0.00	83.64 4.06 0.00	95.82 4.97 0.00	84.38 4.86 0.00	88.51 5.46 0.00	91.94 6.12 0.00	126.27 8.79 0.00	133.52 9.45 0.00	152.41 10.16 0.00	224.40 14.38 0.00	125.64 8.45 0.00	56.28 4.08 0.00	54.17 3.76 0.00	52.01 3.65 0.00	63.02 4.81 0.00	99.23 7.91 0.00	119.05 9.61 0.00	98.05 8.05 0.00	77.56 6.28 0.00	79.52 6.09 0.00	92.09 6.47 0.00	88.71 5.78 0.00
POMONA___ESR 323819	101.01 5.25 0.00	111.42 5.45 0.00	112.68 4.76 0.00	83.05 3.47 0.00	95.11 4.26 0.00	83.74 4.22 0.00	87.79 4.74 0.00	91.07 5.25 0.00	125.01 7.52 0.00	132.09 8.02 0.00	150.84 8.59 0.00	222.15 12.13 0.00	124.31 7.12 0.00	55.61 3.41 0.00	53.54 3.14 0.00	51.41 3.04 0.00	62.31 4.09 0.00	98.08 6.75 0.00	117.72 8.28 0.00	96.94 6.94 0.00	76.67 5.39 0.00	78.60 5.17 0.00	91.10 5.49 0.00	87.82 4.89 0.00
PORT_JEFF_3 23555	104.34 8.58 0.00	115.26 9.29 0.00	116.82 8.90 0.00	86.48 6.91 0.00	99.22 8.37 0.00	87.58 8.07 0.00	91.90 8.85 0.00	95.33 9.52 0.00	129.30 11.81 0.00	136.24 12.16 0.00	154.75 12.50 0.00	224.17 15.51 1.36	127.96 10.78 0.00	57.83 5.64 0.00	55.81 5.40 0.00	53.65 5.28 0.00	65.18 6.96 0.00	101.81 10.49 0.00	122.00 12.56 0.00	101.67 11.51 -0.15	80.22 8.94 0.00	81.96 8.54 0.00	94.80 9.18 0.00	91.04 8.12 0.00

PORT_JEFF_4 23616	104.34 8.58 0.00	115.26 9.29 0.00	116.82 8.90 0.00	86.48 6.91 0.00	99.22 8.37 0.00	87.58 8.07 0.00	91.90 8.85 0.00	95.33 9.52 0.00	129.30 11.81 0.00	136.24 12.16 0.00	154.75 12.50 0.00	224.17 15.51 1.36	127.96 10.78 0.00	57.83 5.64 0.00	55.81 5.40 0.00	53.65 5.28 0.00	65.18 6.96 0.00	101.81 10.49 0.00	122.00 12.56 0.00	101.67 11.51 -0.15	80.22 8.94 0.00	81.96 8.54 0.00	94.80 9.18 0.00	91.04 8.12 0.00
PORT_JEFF_IC 23713	104.36 8.60 0.00	115.32 9.35 0.00	116.86 8.94 0.00	86.53 6.95 0.00	99.27 8.42 0.00	87.64 8.13 0.00	91.96 8.91 0.00	95.41 9.59 0.00	129.35 11.86 0.00	136.34 12.27 0.00	154.88 12.63 0.00	224.45 15.78 1.35	128.06 10.87 0.00	57.86 5.66 0.00	55.84 5.44 0.00	53.69 5.32 0.00	65.24 7.02 0.00	101.91 10.58 0.00	122.13 12.70 0.00	101.78 11.62 -0.15	80.33 9.05 0.00	82.06 8.63 0.00	94.88 9.26 0.00	91.12 8.20 0.00
PPL PILGRIM_ST_GT1 24216	104.44 8.68 0.00	115.09 9.12 0.00	116.97 9.05 0.00	86.63 7.05 0.00	99.26 8.41 0.00	87.57 8.05 0.00	91.87 8.82 0.00	95.37 9.56 0.00	129.44 11.95 0.00	135.84 11.76 0.00	153.65 11.40 0.00	223.10 14.39 1.31	127.86 10.67 0.00	57.83 5.64 0.00	55.78 5.37 0.00	53.62 5.26 0.00	65.08 6.86 0.00	101.77 10.44 0.00	121.98 12.55 0.00	101.38 11.23 -0.15	80.04 8.75 0.00	81.79 8.37 0.00	94.85 9.24 0.00	91.09 8.17 0.00
PPL PILGRIM_ST_GT2 24217	104.44 8.68 0.00	115.09 9.12 0.00	116.97 9.05 0.00	86.63 7.05 0.00	99.26 8.41 0.00	87.57 8.05 0.00	91.87 8.82 0.00	95.37 9.56 0.00	129.44 11.95 0.00	135.84 11.76 0.00	153.65 11.40 0.00	223.10 14.39 1.31	127.86 10.67 0.00	57.83 5.64 0.00	55.78 5.37 0.00	53.62 5.26 0.00	65.08 6.86 0.00	101.77 10.44 0.00	121.98 12.55 0.00	101.38 11.23 -0.15	80.04 8.75 0.00	81.79 8.37 0.00	94.85 9.24 0.00	91.09 8.17 0.00
PPL_SHRM_GT3 24213	104.19 8.44 0.00	115.57 9.60 0.00	117.13 9.21 0.00	86.77 7.19 0.00	99.93 9.08 0.00	88.28 8.77 0.00	92.71 9.66 0.00	96.09 10.28 0.00	129.22 11.73 0.00	136.27 12.19 0.00	154.74 12.49 0.00	223.22 14.56 1.36	127.48 10.30 0.00	57.62 5.43 0.00	55.64 5.24 0.00	53.50 5.13 0.00	65.29 7.07 0.00	101.39 10.06 0.00	121.44 12.00 0.00	102.29 12.14 -0.15	80.67 9.39 0.00	82.38 8.96 0.00	95.18 9.57 0.00	91.45 8.53 0.00
PPL_SHRM_GT4 24214	104.19 8.44 0.00	115.57 9.60 0.00	117.13 9.21 0.00	86.77 7.19 0.00	99.93 9.08 0.00	88.28 8.77 0.00	92.71 9.66 0.00	96.09 10.28 0.00	129.22 11.73 0.00	136.27 12.19 0.00	154.74 12.49 0.00	223.22 14.56 1.36	127.48 10.30 0.00	57.62 5.43 0.00	55.64 5.24 0.00	53.50 5.13 0.00	65.29 7.07 0.00	101.39 10.06 0.00	121.44 12.00 0.00	102.29 12.14 -0.15	80.67 9.39 0.00	82.38 8.96 0.00	95.18 9.57 0.00	91.45 8.53 0.00
PROJECT___ORANGE 1 24174	94.44 -1.31 0.00	104.39 -1.59 0.00	106.29 -1.63 0.00	78.39 -1.19 0.00	89.49 -1.36 0.00	78.38 -1.13 0.00	81.86 -1.19 0.00	84.61 -1.20 0.00	115.74 -1.74 0.00	122.31 -1.76 0.00	140.21 -2.04 0.00	206.77 -3.25 0.00	115.16 -2.03 0.00	51.31 -0.89 0.00	49.55 -0.86 0.00	47.65 -0.72 0.00	57.40 -0.82 0.00	90.14 -1.18 0.00	108.09 -1.34 0.00	88.72 -1.29 0.00	70.12 -1.16 0.00	72.11 -1.32 0.00	83.91 -1.71 0.00	81.27 -1.65 0.00
PROJECT___ORANGE 2 24166	94.44 -1.31 0.00	104.39 -1.59 0.00	106.29 -1.63 0.00	78.39 -1.19 0.00	89.49 -1.36 0.00	78.38 -1.13 0.00	81.86 -1.19 0.00	84.61 -1.20 0.00	115.74 -1.74 0.00	122.31 -1.76 0.00	140.21 -2.04 0.00	206.77 -3.25 0.00	115.16 -2.03 0.00	51.31 -0.89 0.00	49.55 -0.86 0.00	47.65 -0.72 0.00	57.40 -0.82 0.00	90.14 -1.18 0.00	108.09 -1.34 0.00	88.72 -1.29 0.00	70.12 -1.16 0.00	72.11 -1.32 0.00	83.91 -1.71 0.00	81.27 -1.65 0.00
PUCKETT___SOLAR 323809	98.89 2.71 -0.43	108.84 2.87 0.00	112.68 2.70 -2.07	81.81 2.04 -0.20	93.20 2.35 0.00	81.74 2.23 0.00	85.35 2.30 0.00	88.89 2.56 -0.52	120.81 3.32 0.00	127.62 3.55 0.00	146.12 3.87 0.00	215.40 5.38 0.00	119.24 2.05 0.00	52.94 0.75 0.00	50.98 0.57 0.00	49.03 0.66 0.00	59.35 1.13 0.00	93.10 1.78 0.00	111.59 2.16 0.00	92.00 2.00 0.00	72.89 1.61 0.00	74.79 1.36 0.00	86.89 1.28 0.00	83.90 0.98 0.00
PYRITES___HYD 24023	97.41 1.65 0.00	108.01 2.04 0.00	110.72 2.80 0.00	81.90 2.32 0.00	93.15 2.30 0.00	80.79 1.27 0.00	83.68 0.63 0.00	85.65 -0.16 0.00	117.11 -0.38 0.00	123.17 -0.90 0.00	140.83 -1.42 0.00	208.86 -1.16 0.00	116.19 -0.99 0.00	51.51 -0.68 0.00	49.75 -0.66 0.00	47.99 -0.38 0.00	57.91 -0.31 0.00	91.01 -0.32 0.00	108.66 -0.78 0.00	89.56 -0.44 0.00	70.95 -0.34 0.00	73.91 0.49 0.00	87.04 1.43 0.00	84.63 1.70 0.00
QUAKERRD_115KV_BK1 80622	90.60 -5.16 0.00	100.06 -5.91 0.00	102.26 -5.66 0.00	75.44 -4.13 0.00	85.98 -4.87 0.00	75.03 -4.49 0.00	78.05 -5.01 0.00	80.22 -5.60 0.00	109.39 -8.10 0.00	115.66 -8.42 0.00	132.96 -9.29 0.00	195.56 -14.46 0.00	108.61 -8.57 0.00	48.39 -3.81 0.00	46.79 -3.62 0.00	45.08 -3.29 0.00	54.27 -3.95 0.00	85.29 -6.03 0.00	102.04 -7.39 0.00	83.48 -6.52 0.00	65.94 -5.34 0.00	67.99 -5.43 0.00	79.42 -6.20 0.00	77.24 -5.68 0.00
QUEENSBRY_115KV_TB8 356137	102.71 6.95 0.00	113.49 7.51 0.00	115.08 7.16 0.00	84.71 5.13 0.00	97.06 6.21 0.00	85.27 5.76 0.00	89.41 6.36 0.00	93.10 7.28 0.00	127.87 10.39 0.00	135.31 11.24 0.00	155.01 12.76 0.00	227.96 17.94 0.00	127.37 10.18 0.00	56.78 4.58 0.00	54.82 4.41 0.00	52.59 4.23 0.00	63.51 5.28 0.00	99.80 8.48 0.00	119.37 9.93 0.00	97.88 7.88 0.00	77.36 6.08 0.00	79.43 6.01 0.00	92.05 6.44 0.00	88.74 5.81 0.00
RAMAPO___LBMP 323565	100.80 5.05 0.00	111.21 5.24 0.00	112.48 4.56 0.00	82.91 3.33 0.00	94.94 4.09 0.00	83.57 4.06 0.00	87.58 4.53 0.00	90.88 5.07 0.00	124.69 7.21 0.00	131.76 7.69 0.00	150.56 8.31 0.00	221.71 11.68 0.00	124.03 6.85 0.00	55.47 3.28 0.00	53.42 3.01 0.00	51.28 2.91 0.00	62.14 3.92 0.00	97.87 6.54 0.00	117.40 7.97 0.00	96.69 6.68 0.00	76.47 5.19 0.00	78.40 4.97 0.00	90.87 5.26 0.00	87.61 4.69 0.00
RANKINE____ 23646	91.22 -4.54 0.00	100.53 -5.44 0.00	103.22 -4.70 0.00	76.18 -3.40 0.00	86.57 -4.27 0.00	75.03 -4.49 0.00	77.65 -5.41 0.00	79.09 -6.73 0.00	107.09 -10.40 0.00	113.13 -10.94 0.00	130.61 -11.64 0.00	191.66 -18.36 0.00	105.92 -11.27 0.00	47.13 -5.06 0.00	45.46 -4.95 0.00	43.89 -4.48 0.00	52.77 -5.45 0.00	80.13 -8.44 2.75	86.00 -10.25 13.19	80.72 -9.10 0.19	63.92 -7.36 0.00	66.28 -7.15 0.00	77.78 -7.83 0.00	76.22 -6.71 0.00
RAVENSWOOD_GT2_1 24244	102.19 6.44 0.00	112.71 6.74 0.00	114.02 6.10 0.00	84.05 4.47 0.00	96.24 5.39 0.00	84.73 5.22 0.00	88.85 5.80 0.00	92.27 6.46 0.00	126.67 9.18 0.00	133.95 9.88 0.00	152.97 10.72 0.00	225.14 15.12 0.00	126.05 8.86 0.00	56.45 4.26 0.00	54.34 3.93 0.00	52.18 3.81 0.00	63.24 5.02 0.00	99.52 8.20 0.00	119.37 9.93 0.00	98.33 8.33 0.00	77.77 6.49 0.00	79.74 6.31 0.00	92.38 6.76 0.00	88.99 6.07 0.00

RAVENSWOOD_GT2_2 24245	102.19 6.44 0.00	112.71 6.74 0.00	114.02 6.10 0.00	84.05 4.47 0.00	96.24 5.39 0.00	84.73 5.22 0.00	88.85 5.80 0.00	92.27 6.46 0.00	126.67 9.18 0.00	133.95 9.88 0.00	152.97 10.72 0.00	225.14 15.12 0.00	126.05 8.86 0.00	56.45 4.26 0.00	54.34 3.93 0.00	52.18 3.81 0.00	63.24 5.02 0.00	99.52 8.20 0.00	119.37 9.93 0.00	98.33 8.33 0.00	77.77 6.49 0.00	79.74 6.31 0.00	92.38 6.76 0.00	88.99 6.07 0.00
RAVENSWOOD_GT2_3 24246	102.25 6.49 0.00	112.79 6.81 0.00	114.05 6.13 0.00	84.05 4.47 0.00	96.27 5.42 0.00	84.76 5.25 0.00	88.89 5.84 0.00	92.32 6.50 0.00	126.74 9.26 0.00	134.02 9.94 0.00	153.02 10.77 0.00	225.22 15.20 0.00	126.11 8.93 0.00	56.48 4.29 0.00	54.37 3.96 0.00	52.21 3.84 0.00	63.26 5.04 0.00	99.56 8.23 0.00	119.45 10.02 0.00	98.39 8.39 0.00	77.83 6.54 0.00	79.79 6.36 0.00	92.43 6.81 0.00	89.04 6.11 0.00
RAVENSWOOD_GT2_4 24247	102.25 6.49 0.00	112.79 6.81 0.00	114.05 6.13 0.00	84.05 4.47 0.00	96.27 5.42 0.00	84.76 5.25 0.00	88.89 5.84 0.00	92.32 6.50 0.00	126.74 9.26 0.00	134.02 9.94 0.00	153.02 10.77 0.00	225.22 15.20 0.00	126.11 8.93 0.00	56.48 4.29 0.00	54.37 3.96 0.00	52.21 3.84 0.00	63.26 5.04 0.00	99.56 8.23 0.00	119.45 10.02 0.00	98.39 8.39 0.00	77.83 6.54 0.00	79.79 6.36 0.00	92.43 6.81 0.00	89.04 6.11 0.00
RAVENSWOOD_GT3_1 24248	102.19 6.44 0.00	112.71 6.74 0.00	114.02 6.10 0.00	84.05 4.47 0.00	96.24 5.39 0.00	84.73 5.22 0.00	88.85 5.80 0.00	92.27 6.46 0.00	126.68 9.19 0.00	133.95 9.88 0.00	152.97 10.72 0.00	225.16 15.13 0.00	126.06 8.87 0.00	56.45 4.26 0.00	54.34 3.93 0.00	52.18 3.81 0.00	63.24 5.02 0.00	99.52 8.20 0.00	119.37 9.93 0.00	98.33 8.33 0.00	77.77 6.49 0.00	79.74 6.31 0.00	92.38 6.76 0.00	89.00 6.07 0.00
RAVENSWOOD_GT3_2 24249	102.19 6.44 0.00	112.71 6.74 0.00	114.02 6.10 0.00	84.05 4.47 0.00	96.24 5.39 0.00	84.73 5.22 0.00	88.85 5.80 0.00	92.27 6.46 0.00	126.68 9.19 0.00	133.95 9.88 0.00	152.97 10.72 0.00	225.16 15.13 0.00	126.06 8.87 0.00	56.45 4.26 0.00	54.34 3.93 0.00	52.18 3.81 0.00	63.24 5.02 0.00	99.52 8.20 0.00	119.37 9.93 0.00	98.33 8.33 0.00	77.77 6.49 0.00	79.74 6.31 0.00	92.38 6.76 0.00	89.00 6.07 0.00
RAVENSWOOD_GT3_3 24250	102.35 6.59 0.00	112.88 6.91 0.00	114.16 6.24 0.00	84.13 4.55 0.00	96.36 5.51 0.00	84.85 5.34 0.00	88.97 5.92 0.00	92.41 6.60 0.00	126.88 9.40 0.00	134.17 10.10 0.00	153.18 10.93 0.00	225.53 15.51 0.00	126.26 9.08 0.00	56.54 4.35 0.00	54.43 4.02 0.00	52.27 3.90 0.00	63.34 5.12 0.00	99.68 8.36 0.00	119.59 10.15 0.00	98.49 8.48 0.00	77.90 6.62 0.00	79.88 6.45 0.00	92.52 6.91 0.00	89.14 6.22 0.00
RAVENSWOOD_GT3_4 24251	102.35 6.59 0.00	112.88 6.91 0.00	114.16 6.24 0.00	84.13 4.55 0.00	96.36 5.51 0.00	84.85 5.34 0.00	88.97 5.92 0.00	92.41 6.60 0.00	126.88 9.40 0.00	134.17 10.10 0.00	153.18 10.93 0.00	225.53 15.51 0.00	126.26 9.08 0.00	56.54 4.35 0.00	54.43 4.02 0.00	52.27 3.90 0.00	63.34 5.12 0.00	99.68 8.36 0.00	119.59 10.15 0.00	98.49 8.48 0.00	77.90 6.62 0.00	79.88 6.45 0.00	92.52 6.91 0.00	89.14 6.22 0.00
RAVENSWOOD_GT_1 23729	102.59 6.83 0.00	113.17 7.20 0.00	114.48 6.56 0.00	84.44 4.85 -0.01	96.70 5.84 -0.01	85.14 5.62 -0.01	89.20 6.14 0.00	94.32 6.88 -1.63	128.48 9.84 -1.16	136.49 10.55 -1.87	153.71 11.46 0.00	226.22 16.21 0.00	126.56 9.37 0.00	59.74 4.54 -3.01	57.97 4.17 -3.39	56.28 4.06 -3.85	65.91 5.32 -2.37	106.51 8.67 -6.51	132.12 10.55 -12.13	115.22 8.81 -16.41	87.53 6.91 -9.34	85.39 6.75 -5.22	94.26 7.21 -1.43	89.47 6.50 -0.05
RAVENSWOOD_GT_10 24258	102.19 6.44 0.00	112.70 6.73 0.00	114.02 6.09 0.00	84.03 4.46 0.00	96.22 5.37 0.00	84.72 5.21 0.00	88.84 5.79 0.00	92.46 6.46 -0.19	126.78 9.16 -0.13	134.16 9.87 -0.22	152.94 10.70 0.00	225.14 15.12 0.00	126.04 8.85 0.00	56.79 4.24 -0.35	54.72 3.93 -0.39	52.62 3.81 -0.45	63.51 5.01 -0.27	100.26 8.18 -0.75	120.68 9.93 -1.31	99.96 8.31 -1.65	78.84 6.48 -1.08	80.33 6.31 -0.60	92.53 6.75 -0.16	88.99 6.06 -0.01
RAVENSWOOD_GT_11 24259	102.19 6.44 0.00	112.70 6.73 0.00	114.02 6.09 0.00	84.03 4.46 0.00	96.22 5.37 0.00	84.72 5.21 0.00	88.84 5.79 0.00	92.46 6.46 -0.19	126.78 9.16 -0.13	134.16 9.87 -0.22	152.94 10.70 0.00	225.14 15.12 0.00	126.04 8.85 0.00	56.79 4.24 -0.35	54.72 3.93 -0.39	52.62 3.81 -0.45	63.51 5.01 -0.27	100.26 8.18 -0.75	120.68 9.93 -1.31	99.96 8.31 -1.65	78.84 6.48 -1.08	80.33 6.31 -0.60	92.53 6.75 -0.16	88.99 6.06 -0.01
RAVENSWOOD_GT_4 24252	102.18 6.42 0.00	112.69 6.72 0.00	113.97 6.05 0.00	83.97 4.40 0.00	96.17 5.33 0.00	84.68 5.17 0.00	88.82 5.77 0.00	93.44 6.39 -1.24	127.46 9.09 -0.88	135.26 9.77 -1.42	152.84 10.59 0.00	225.00 14.98 0.00	125.99 8.80 0.00	58.70 4.22 -2.29	56.88 3.89 -2.58	55.08 3.78 -2.94	64.99 4.96 -1.81	104.39 8.11 -4.95	127.91 9.83 -8.64	109.14 8.24 -10.89	84.82 6.42 -7.11	83.64 6.25 -3.97	93.40 6.69 -1.09	88.98 6.02 -0.04
RAVENSWOOD_GT_5 24254	102.18 6.42 0.00	112.69 6.72 0.00	113.97 6.05 0.00	83.97 4.40 0.00	96.17 5.33 0.00	84.68 5.17 0.00	88.82 5.77 0.00	93.44 6.39 -1.24	127.46 9.09 -0.88	135.26 9.77 -1.42	152.84 10.59 0.00	225.00 14.98 0.00	125.99 8.80 0.00	58.70 4.22 -2.29	56.88 3.89 -2.58	55.08 3.78 -2.94	64.99 4.96 -1.81	104.39 8.11 -4.95	127.91 9.83 -8.64	109.14 8.24 -10.89	84.82 6.42 -7.11	83.64 6.25 -3.97	93.40 6.69 -1.09	88.98 6.02 -0.04
RAVENSWOOD_GT_6 24253	102.18 6.42 0.00	112.69 6.72 0.00	113.97 6.05 0.00	83.97 4.40 0.00	96.17 5.33 0.00	84.68 5.17 0.00	88.82 5.77 0.00	93.44 6.39 -1.24	127.46 9.09 -0.88	135.26 9.77 -1.42	152.84 10.59 0.00	225.00 14.98 0.00	125.99 8.80 0.00	58.70 4.22 -2.29	56.88 3.89 -2.58	55.08 3.78 -2.94	64.99 4.96 -1.81	104.39 8.11 -4.95	127.91 9.83 -8.64	109.14 8.24 -10.89	84.82 6.42 -7.11	83.64 6.25 -3.97	93.40 6.69 -1.09	88.98 6.02 -0.04
RAVENSWOOD_GT_7 24255	102.18 6.42 0.00	112.69 6.72 0.00	113.97 6.05 0.00	83.97 4.40 0.00	96.17 5.33 0.00	84.68 5.17 0.00	88.82 5.77 0.00	93.44 6.39 -1.24	127.46 9.09 -0.88	135.26 9.77 -1.42	152.84 10.59 0.00	225.00 14.98 0.00	125.99 8.80 0.00	58.70 4.22 -2.29	56.88 3.89 -2.58	55.08 3.78 -2.94	64.99 4.96 -1.81	104.39 8.11 -4.95	127.91 9.83 -8.64	109.14 8.24 -10.89	84.82 6.42 -7.11	83.64 6.25 -3.97	93.40 6.69 -1.09	88.98 6.02 -0.04
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	102.19 6.44 0.00	112.70 6.73 0.00	114.02 6.09 0.00	84.03 4.46 0.00	96.22 5.37 0.00	84.72 5.21 0.00	88.84 5.79 0.00	92.46 6.46 -0.19	126.78 9.16 -0.13	134.16 9.87 -0.22	152.94 10.70 0.00	225.14 15.12 0.00	126.04 8.85 0.00	56.79 4.24 -0.35	54.72 3.93 -0.39	52.62 3.81 -0.45	63.51 5.01 -0.27	100.26 8.18 -0.75	120.68 9.93 -1.31	99.96 8.31 -1.65	78.84 6.48 -1.08	80.33 6.31 -0.60	92.53 6.75 -0.16	88.99 6.06 -0.01

RAVENSWOOD_GT_9 24257	102.19 6.44 0.00	112.70 6.73 0.00	114.02 6.09 0.00	84.03 4.46 0.00	96.22 5.37 0.00	84.72 5.21 0.00	88.84 5.79 0.00	92.46 6.46 -0.19	126.78 9.16 -0.13	134.16 9.87 -0.22	152.94 10.70 0.00	225.14 15.12 0.00	126.04 8.85 0.00	56.79 4.24 -0.35	54.72 3.93 -0.39	52.62 3.81 -0.45	63.51 5.01 -0.27	100.26 8.18 -0.75	120.68 9.93 -1.31	99.96 8.31 -1.65	78.84 6.48 -1.08	80.33 6.31 -0.60	92.53 6.75 -0.16	88.99 6.06 -0.01
RAVENSWOOD___1 23533	102.42 6.66 0.00	113.00 7.03 0.00	114.30 6.38 0.00	84.27 4.69 -0.01	96.55 5.69 -0.01	85.00 5.48 -0.01	89.06 6.01 0.00	90.96 6.75 1.60	126.01 9.67 1.14	132.60 10.37 1.84	153.45 11.20 0.00	225.84 15.82 0.00	126.43 9.25 0.00	53.73 4.50 2.97	51.19 4.13 3.34	48.58 4.01 3.80	61.15 5.26 2.34	93.50 8.58 6.41	108.67 10.41 11.17	84.63 8.72 14.09	68.91 6.82 9.19	74.95 6.65 5.13	91.30 7.09 1.40	89.24 6.37 0.05
RAVENSWOOD___2 23534	102.42 6.66 0.00	113.00 7.03 0.00	114.30 6.38 0.00	84.27 4.69 -0.01	96.55 5.69 -0.01	85.00 5.48 -0.01	89.06 6.01 0.00	90.96 6.75 1.60	126.01 9.67 1.14	132.60 10.37 1.84	153.45 11.20 0.00	225.84 15.82 0.00	126.43 9.25 0.00	53.73 4.50 2.97	51.19 4.13 3.34	48.58 4.01 3.80	61.15 5.26 2.34	93.50 8.58 6.41	108.67 10.41 11.17	84.63 8.72 14.09	68.91 6.82 9.19	74.95 6.65 5.13	91.30 7.09 1.40	89.24 6.37 0.05
RAVENSWOOD___3 23535	102.21 6.45 0.00	112.72 6.74 0.00	114.02 6.10 0.00	84.04 4.47 0.00	96.24 5.39 0.00	84.73 5.22 0.00	88.85 5.80 0.00	92.28 6.46 0.00	126.69 9.20 0.00	133.96 9.89 0.00	152.95 10.71 0.00	225.15 15.13 0.00	126.07 8.88 0.00	56.47 4.28 0.00	54.34 3.93 0.00	52.18 3.82 0.00	63.24 5.02 0.00	99.53 8.20 0.00	119.37 9.93 0.00	98.33 8.33 0.00	77.78 6.49 0.00	79.74 6.32 0.00	92.38 6.77 0.00	89.01 6.08 0.00
RAVENSWOOD___4 23820	102.42 6.66 0.00	113.00 7.03 0.00	114.30 6.38 0.00	84.27 4.69 -0.01	96.55 5.69 -0.01	85.00 5.48 -0.01	89.06 6.01 0.00	90.96 6.75 1.60	126.01 9.67 1.14	132.60 10.37 1.84	153.45 11.20 0.00	225.84 15.82 0.00	126.43 9.25 0.00	53.73 4.50 2.97	51.19 4.13 3.34	48.58 4.01 3.80	61.15 5.26 2.34	93.50 8.58 6.41	108.67 10.41 11.17	84.63 8.72 14.09	68.91 6.82 9.19	74.95 6.65 5.13	91.30 7.09 1.40	89.24 6.37 0.05
RCPL_TRUST___DRP 24196	102.36 6.60 0.00	112.80 6.82 0.00	114.06 6.14 0.00	84.06 4.48 0.00	96.29 5.44 0.00	84.78 5.27 0.00	88.90 5.85 0.00	92.29 6.48 0.00	126.66 9.17 0.00	133.95 9.88 0.00	152.97 10.72 0.00	225.21 15.19 0.00	126.10 8.91 0.00	56.46 4.27 0.00	54.34 3.94 0.00	52.20 3.83 0.00	63.24 5.02 0.00	99.55 8.22 0.00	119.41 9.98 0.00	98.34 8.34 0.00	77.78 6.50 0.00	79.75 6.33 0.00	92.38 6.76 0.00	88.99 6.07 0.00
RED___ROCHESTER 323720	91.77 -3.07 0.92	102.22 -3.75 0.00	100.12 -3.37 4.43	76.70 -2.45 0.42	87.89 -2.96 0.00	76.60 -2.92 0.00	79.65 -3.40 0.00	80.64 -4.06 1.11	111.41 -6.08 0.00	117.81 -6.27 0.00	135.52 -6.73 0.00	199.20 -10.82 0.00	110.44 -6.74 0.00	49.23 -2.96 0.00	47.64 -2.77 0.00	45.94 -2.43 0.00	55.32 -2.90 0.00	87.05 -4.28 0.00	104.28 -5.15 0.00	85.10 -4.90 0.00	67.15 -4.14 0.00	69.26 -4.17 0.00	81.00 -4.62 0.00	78.82 -4.10 0.00
REGAN___SOLAR 323812	102.47 6.71 0.00	113.09 7.12 0.00	115.11 7.19 0.00	84.82 5.24 0.00	96.86 6.01 0.00	84.91 5.39 0.00	88.78 5.73 0.00	92.15 6.34 0.00	126.28 8.79 0.00	133.30 9.23 0.00	151.43 9.18 0.00	222.55 12.53 0.00	123.54 6.36 0.00	55.10 2.90 0.00	53.46 3.06 0.00	51.54 3.17 0.00	62.58 4.36 0.00	98.57 7.25 0.00	117.99 8.56 0.00	97.10 7.10 0.00	76.80 5.52 0.00	78.83 5.41 0.00	91.55 5.94 0.00	88.26 5.34 0.00
RENSSELAER___COGEN 23796	99.65 3.89 0.00	110.20 4.23 0.00	111.92 4.00 0.00	82.32 2.74 0.00	94.14 3.29 0.00	82.52 3.01 0.00	86.22 3.17 0.00	89.21 3.40 0.00	122.39 4.91 0.00	129.29 5.22 0.00	148.01 5.76 0.00	217.66 7.64 0.00	121.88 4.70 0.00	54.33 2.14 0.00	52.25 1.85 0.00	49.81 1.44 0.00	59.97 1.75 0.00	93.90 2.57 0.00	112.46 3.03 0.00	92.49 2.49 0.00	73.49 2.21 0.00	75.90 2.47 0.00	88.45 2.84 0.00	86.05 3.13 0.00
REPUBLIC_115KV_BARTNBRK 55605	105.73 9.97 0.00	116.78 10.81 0.00	118.00 10.08 0.00	86.87 7.30 0.00	100.00 9.15 0.00	87.88 8.37 0.00	92.43 9.38 0.00	97.26 11.45 0.00	133.74 16.25 0.00	141.68 17.61 0.00	162.90 20.65 0.00	238.67 28.64 0.00	133.09 15.90 0.00	59.27 7.07 0.00	57.30 6.89 0.00	55.03 6.66 0.00	66.54 8.32 0.00	104.55 13.23 0.00	124.78 15.34 0.00	102.16 12.15 0.00	80.55 9.27 0.00	82.55 9.12 0.00	95.44 9.82 0.00	91.62 8.70 0.00
REVERE_CPPR_DRP 24186	99.94 4.18 0.00	110.57 4.59 0.00	112.51 4.59 0.00	82.94 3.36 0.00	94.76 3.91 0.00	83.07 3.55 0.00	86.87 3.82 0.00	90.07 4.25 0.00	123.53 6.04 0.00	130.58 6.51 0.00	149.20 6.95 0.00	220.49 10.47 0.00	122.70 5.51 0.00	54.64 2.45 0.00	52.72 2.32 0.00	50.71 2.34 0.00	61.13 2.91 0.00	95.91 4.59 0.00	114.92 5.49 0.00	94.24 4.24 0.00	74.46 3.17 0.00	76.52 3.10 0.00	88.81 3.19 0.00	85.89 2.97 0.00
REYNOLDS_115KV_TB3 80639	99.89 4.14 0.00	110.50 4.53 0.00	112.23 4.31 0.00	82.50 2.93 0.00	94.38 3.54 0.00	82.75 3.23 0.00	86.52 3.47 0.00	89.49 3.67 0.00	122.78 5.30 0.00	129.69 5.62 0.00	148.49 6.24 0.00	218.18 8.16 0.00	122.27 5.08 0.00	54.56 2.36 0.00	52.55 2.14 0.00	50.19 1.82 0.00	60.43 2.20 0.00	94.70 3.37 0.00	113.45 4.01 0.00	93.24 3.24 0.00	74.09 2.80 0.00	76.38 2.95 0.00	88.87 3.26 0.00	86.30 3.38 0.00
RIVERBAY____ 323610	102.40 6.64 0.00	112.92 6.95 0.00	114.22 6.30 0.00	84.28 4.70 -0.01	96.38 5.52 -0.01	84.93 5.41 -0.01	89.04 5.99 0.00	92.58 6.77 0.00	127.09 9.60 0.00	134.33 10.25 0.00	153.28 11.03 0.00	225.49 15.47 0.00	126.25 9.06 0.00	56.47 4.28 0.00	54.39 3.99 0.00	52.25 3.89 0.00	63.36 5.14 0.00	99.75 8.42 0.00	119.69 10.25 0.00	98.49 8.48 0.00	77.90 6.61 0.00	79.89 6.46 -0.01	92.59 6.97 0.00	89.23 6.30 0.00
RIVERSIDE_115KV_TB3 55908	99.89 4.13 0.00	110.46 4.49 0.00	112.17 4.25 0.00	82.50 2.92 0.00	94.38 3.54 0.00	82.73 3.22 0.00	86.51 3.45 0.00	89.49 3.67 0.00	122.77 5.29 0.00	129.70 5.63 0.00	148.49 6.24 0.00	218.33 8.31 0.00	122.28 5.09 0.00	54.53 2.34 0.00	52.48 2.07 0.00	50.05 1.69 0.00	60.28 2.06 0.00	94.43 3.10 0.00	113.09 3.66 0.00	92.98 2.98 0.00	73.88 2.60 0.00	76.23 2.80 0.00	88.79 3.18 0.00	86.29 3.37 0.00
ROARING___BROOK_WT_PWR 323790	95.46 -0.29 0.00	105.76 -0.21 0.00	107.88 -0.04 0.00	79.62 0.05 0.00	90.79 -0.06 0.00	79.34 -0.18 0.00	82.77 -0.28 0.00	85.42 -0.39 0.00	116.89 -0.60 0.00	123.45 -0.62 0.00	141.66 -0.59 0.00	209.34 -0.68 0.00	116.71 -0.47 0.00	51.91 -0.28 0.00	50.13 -0.27 0.00	48.04 -0.33 0.00	57.75 -0.48 0.00	90.53 -0.80 0.00	108.47 -0.96 0.00	89.40 -0.60 0.00	70.81 -0.48 0.00	73.02 -0.40 0.00	85.26 -0.36 0.00	82.61 -0.31 0.00

ROCHESRG_115KV_T4 355643	91.60 -4.15 0.00	101.12 -4.85 0.00	103.41 -4.51 0.00	76.30 -3.27 0.00	86.92 -3.93 0.00	75.74 -3.78 0.00	78.70 -4.36 0.00	80.72 -5.10 0.00	109.95 -7.54 0.00	116.24 -7.83 0.00	133.73 -8.51 0.00	196.56 -13.46 0.00	109.06 -8.12 0.00	48.58 -3.61 0.00	46.98 -3.43 0.00	45.28 -3.09 0.00	54.51 -3.71 0.00	85.70 -5.63 0.00	102.56 -6.87 0.00	83.85 -6.15 0.00	66.20 -5.09 0.00	68.35 -5.07 0.00	79.94 -5.68 0.00	77.85 -5.07 0.00
ROCHESTER_9_IC 23652	92.16 -3.60 0.00	101.71 -4.26 0.00	104.00 -3.92 0.00	76.74 -2.84 0.00	87.43 -3.42 0.00	76.19 -3.33 0.00	79.20 -3.85 0.00	81.26 -4.56 0.00	110.70 -6.79 0.00	117.04 -7.03 0.00	134.66 -7.59 0.00	197.91 -12.10 0.00	109.78 -7.41 0.00	48.92 -3.28 0.00	47.30 -3.11 0.00	45.61 -2.75 0.00	54.93 -3.30 0.00	86.37 -4.96 0.00	103.38 -6.06 0.00	84.48 -5.52 0.00	66.69 -4.59 0.00	68.84 -4.58 0.00	80.47 -5.14 0.00	78.35 -4.57 0.00
ROCKVIEW_13_KV_LD 356306	102.41 6.65 0.00	112.90 6.93 0.00	114.21 6.29 0.00	84.14 4.57 0.00	96.35 5.50 0.00	84.83 5.32 0.00	88.95 5.90 0.00	92.34 6.52 0.00	126.72 9.23 0.00	133.99 9.92 0.00	153.05 10.80 0.00	225.29 15.26 0.00	126.12 8.94 0.00	56.44 4.24 0.00	54.36 3.95 0.00	52.21 3.84 0.00	63.24 5.02 0.00	99.53 8.20 0.00	119.42 9.99 0.00	98.34 8.33 0.00	77.78 6.50 0.00	79.76 6.34 0.00	92.41 6.80 0.00	89.05 6.13 0.00
ROME____115KV_TB2 80656	99.94 4.18 0.00	110.57 4.59 0.00	112.51 4.59 0.00	82.94 3.36 0.00	94.76 3.91 0.00	83.07 3.55 0.00	86.87 3.82 0.00	90.07 4.25 0.00	123.53 6.04 0.00	130.58 6.51 0.00	149.20 6.95 0.00	220.49 10.47 0.00	122.70 5.51 0.00	54.64 2.45 0.00	52.72 2.32 0.00	50.71 2.34 0.00	61.13 2.91 0.00	95.91 4.59 0.00	114.92 5.49 0.00	94.24 4.24 0.00	74.46 3.17 0.00	76.52 3.10 0.00	88.81 3.19 0.00	85.89 2.97 0.00
ROSETON___1 23587	101.28 5.52 0.00	111.72 5.75 0.00	113.08 5.16 0.00	83.32 3.75 0.00	95.39 4.54 0.00	83.90 4.39 0.00	87.89 4.84 0.00	91.20 5.38 0.00	125.15 7.66 0.00	132.28 8.21 0.00	151.14 8.89 0.00	222.55 12.52 0.00	124.56 7.37 0.00	55.71 3.52 0.00	53.66 3.25 0.00	51.51 3.14 0.00	62.35 4.13 0.00	98.07 6.74 0.00	117.63 8.20 0.00	96.90 6.89 0.00	76.64 5.36 0.00	78.64 5.21 0.00	91.14 5.53 0.00	87.92 5.00 0.00
ROSETON___2 23588	101.28 5.52 0.00	111.72 5.75 0.00	113.08 5.16 0.00	83.32 3.75 0.00	95.39 4.54 0.00	83.90 4.39 0.00	87.89 4.84 0.00	91.20 5.38 0.00	125.15 7.66 0.00	132.28 8.21 0.00	151.14 8.89 0.00	222.55 12.52 0.00	124.56 7.37 0.00	55.71 3.52 0.00	53.66 3.25 0.00	51.51 3.14 0.00	62.35 4.13 0.00	98.07 6.74 0.00	117.63 8.20 0.00	96.90 6.89 0.00	76.64 5.36 0.00	78.64 5.21 0.00	91.14 5.53 0.00	87.92 5.00 0.00
ROTRRDAM_115KV_TB3 80664	99.25 3.49 0.00	109.68 3.71 0.00	111.48 3.57 0.00	82.09 2.51 0.00	93.85 3.00 0.00	82.31 2.80 0.00	86.08 3.03 0.00	89.10 3.28 0.00	122.20 4.71 0.00	129.14 5.07 0.00	147.85 5.60 0.00	217.67 7.65 0.00	121.63 4.44 0.00	54.24 2.05 0.00	52.36 1.96 0.00	50.24 1.87 0.00	60.59 2.37 0.00	95.13 3.80 0.00	114.03 4.60 0.00	93.71 3.71 0.00	74.20 2.92 0.00	76.30 2.87 0.00	88.68 3.06 0.00	85.75 2.83 0.00
RUSSELL___1 23602	92.68 -3.08 0.00	102.21 -3.75 0.00	104.53 -3.39 0.00	77.13 -2.45 0.00	87.89 -2.96 0.00	76.59 -2.92 0.00	79.64 -3.41 0.00	81.75 -4.07 0.00	111.38 -6.11 0.00	117.80 -6.27 0.00	135.52 -6.73 0.00	199.16 -10.86 0.00	110.44 -6.74 0.00	49.24 -2.96 0.00	47.62 -2.79 0.00	45.94 -2.43 0.00	55.31 -2.91 0.00	87.01 -4.32 0.00	104.16 -5.28 0.00	85.11 -4.89 0.00	67.15 -4.13 0.00	69.32 -4.11 0.00	80.99 -4.63 0.00	78.82 -4.11 0.00
RUSSELL___2 23532	92.68 -3.08 0.00	102.21 -3.75 0.00	104.53 -3.39 0.00	77.13 -2.45 0.00	87.89 -2.96 0.00	76.59 -2.92 0.00	79.64 -3.41 0.00	81.75 -4.07 0.00	111.38 -6.11 0.00	117.80 -6.27 0.00	135.52 -6.73 0.00	199.16 -10.86 0.00	110.44 -6.74 0.00	49.24 -2.96 0.00	47.62 -2.79 0.00	45.94 -2.43 0.00	55.31 -2.91 0.00	87.01 -4.32 0.00	104.16 -5.28 0.00	85.11 -4.89 0.00	67.15 -4.13 0.00	69.32 -4.11 0.00	80.99 -4.63 0.00	78.82 -4.11 0.00
RUSSELL___3 23549	92.68 -3.08 0.00	102.21 -3.75 0.00	104.53 -3.39 0.00	77.13 -2.45 0.00	87.89 -2.96 0.00	76.59 -2.92 0.00	79.64 -3.41 0.00	81.75 -4.07 0.00	111.38 -6.11 0.00	117.80 -6.27 0.00	135.52 -6.73 0.00	199.16 -10.86 0.00	110.44 -6.74 0.00	49.24 -2.96 0.00	47.62 -2.79 0.00	45.94 -2.43 0.00	55.31 -2.91 0.00	87.01 -4.32 0.00	104.16 -5.28 0.00	85.11 -4.89 0.00	67.15 -4.13 0.00	69.32 -4.11 0.00	80.99 -4.63 0.00	78.82 -4.11 0.00
RUSSELL___4 23556	92.68 -3.08 0.00	102.21 -3.75 0.00	104.53 -3.39 0.00	77.13 -2.45 0.00	87.89 -2.96 0.00	76.59 -2.92 0.00	79.64 -3.41 0.00	81.75 -4.07 0.00	111.38 -6.11 0.00	117.80 -6.27 0.00	135.52 -6.73 0.00	199.16 -10.86 0.00	110.44 -6.74 0.00	49.24 -2.96 0.00	47.62 -2.79 0.00	45.94 -2.43 0.00	55.31 -2.91 0.00	87.01 -4.32 0.00	104.16 -5.28 0.00	85.11 -4.89 0.00	67.15 -4.13 0.00	69.32 -4.11 0.00	80.99 -4.63 0.00	78.82 -4.11 0.00
RUSSELL___STATION 23914	92.68 -3.08 0.00	102.21 -3.75 0.00	104.53 -3.39 0.00	77.13 -2.45 0.00	87.89 -2.96 0.00	76.59 -2.92 0.00	79.64 -3.41 0.00	81.75 -4.07 0.00	111.38 -6.11 0.00	117.80 -6.27 0.00	135.52 -6.73 0.00	199.16 -10.86 0.00	110.44 -6.74 0.00	49.24 -2.96 0.00	47.62 -2.79 0.00	45.94 -2.43 0.00	55.31 -2.91 0.00	87.01 -4.32 0.00	104.16 -5.28 0.00	85.11 -4.89 0.00	67.15 -4.13 0.00	69.32 -4.11 0.00	80.99 -4.63 0.00	78.82 -4.11 0.00
S SALMON___HYD 24043	94.74 -1.02 0.00	104.77 -1.21 0.00	106.81 -1.11 0.00	78.78 -0.80 0.00	89.93 -0.92 0.00	78.64 -0.87 0.00	82.06 -0.99 0.00	84.91 -0.90 0.00	116.26 -1.23 0.00	122.83 -1.24 0.00	140.92 -1.33 0.00	208.13 -1.89 0.00	115.90 -1.29 0.00	51.54 -0.65 0.00	49.74 -0.67 0.00	47.73 -0.64 0.00	57.45 -0.77 0.00	90.61 -0.72 0.00	108.45 -0.98 0.00	89.01 -1.00 0.00	70.39 -0.89 0.00	72.47 -0.96 0.00	84.08 -1.54 0.00	81.46 -1.46 0.00
S.PERRY__115KV_TB1 80734	96.34 0.59 0.00	106.32 0.35 0.00	108.67 0.75 0.00	80.22 0.64 0.00	91.39 0.54 0.00	79.83 0.32 0.00	83.05 0.00 0.00	85.33 -0.49 0.00	116.09 -1.39 0.00	122.42 -1.65 0.00	140.68 -1.57 0.00	205.84 -4.18 0.00	113.46 -3.73 0.00	50.42 -1.77 0.00	48.85 -1.56 0.00	47.26 -1.11 0.00	57.01 -1.21 0.00	99.10 -1.87 -9.65	153.35 -2.30 -46.22	88.09 -2.58 -0.67	69.17 -2.11 0.00	71.32 -2.10 0.00	83.18 -2.43 0.00	80.96 -1.96 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	89.67 -6.08 0.00	98.85 -7.12 0.00	101.51 -6.41 0.00	74.95 -4.63 0.00	85.14 -5.70 0.00	73.76 -5.75 0.00	76.25 -6.80 0.00	77.59 -8.22 0.00	105.05 -12.44 0.00	111.01 -13.06 0.00	128.18 -14.07 0.00	188.05 -21.97 0.00	103.99 -13.20 0.00	46.24 -5.95 0.00	44.64 -5.77 0.00	43.11 -5.26 0.00	51.83 -6.39 0.00	78.82 -9.87 2.63	84.83 -11.98 12.62	79.28 -10.54 0.18	62.74 -8.54 0.00	65.11 -8.31 0.00	76.53 -9.09 0.00	75.02 -7.90 0.00

SAWYER___23_KV_LOAD 55526	89.67 -6.08 0.00	98.85 -7.12 0.00	101.51 -6.41 0.00	74.95 -4.63 0.00	85.14 -5.70 0.00	73.76 -5.75 0.00	76.25 -6.80 0.00	77.59 -8.22 0.00	105.05 -12.44 0.00	111.01 -13.06 0.00	128.18 -14.07 0.00	188.05 -21.97 0.00	103.99 -13.20 0.00	46.24 -5.95 0.00	44.64 -5.77 0.00	43.11 -5.26 0.00	51.83 -6.39 0.00	78.82 -9.87 2.63	84.83 -11.98 12.62	79.28 -10.54 0.18	62.74 -8.54 0.00	65.11 -8.31 0.00	76.53 -9.09 0.00	75.02 -7.90 0.00
SELKIRK___I 23801	99.68 3.92 0.00	110.23 4.26 0.00	112.05 4.13 0.00	82.44 2.87 0.00	94.23 3.37 0.00	82.57 3.06 0.00	86.27 3.22 0.00	89.24 3.43 0.00	122.33 4.85 0.00	129.20 5.13 0.00	147.87 5.62 0.00	217.59 7.57 0.00	121.75 4.56 0.00	54.30 2.11 0.00	52.31 1.90 0.00	49.98 1.62 0.00	60.19 1.97 0.00	94.29 2.96 0.00	112.95 3.52 0.00	92.86 2.86 0.00	73.69 2.40 0.00	76.01 2.58 0.00	88.51 2.89 0.00	85.99 3.07 0.00
SELKIRK___II 23799	99.37 3.61 0.00	109.88 3.91 0.00	111.62 3.70 0.00	82.13 2.56 0.00	93.93 3.08 0.00	82.33 2.81 0.00	86.05 3.00 0.00	89.02 3.21 0.00	122.11 4.62 0.00	129.02 4.94 0.00	147.68 5.43 0.00	217.28 7.26 0.00	121.59 4.40 0.00	54.23 2.04 0.00	52.20 1.80 0.00	49.87 1.51 0.00	60.08 1.85 0.00	94.14 2.81 0.00	112.81 3.37 0.00	92.77 2.77 0.00	73.62 2.33 0.00	75.90 2.47 0.00	88.40 2.79 0.00	85.82 2.90 0.00
SENECA OSWGO___HYD 24041	92.95 -2.81 0.00	102.85 -3.12 0.00	104.76 -3.16 0.00	77.26 -2.32 0.00	88.21 -2.64 0.00	77.28 -2.24 0.00	80.69 -2.36 0.00	83.40 -2.42 0.00	114.14 -3.34 0.00	120.53 -3.54 0.00	138.23 -4.02 0.00	203.84 -6.18 0.00	113.64 -3.55 0.00	50.64 -1.56 0.00	48.89 -1.52 0.00	46.98 -1.39 0.00	56.59 -1.63 0.00	88.94 -2.39 0.00	106.59 -2.85 0.00	87.46 -2.54 0.00	69.17 -2.11 0.00	71.16 -2.27 0.00	82.81 -2.81 0.00	80.21 -2.71 0.00
SENECA___115KV_TB3 355854	91.40 -4.35 0.00	100.71 -5.26 0.00	103.38 -4.54 0.00	76.30 -3.28 0.00	86.72 -4.13 0.00	75.17 -4.35 0.00	77.80 -5.25 0.00	79.25 -6.56 0.00	107.32 -10.17 0.00	113.36 -10.71 0.00	130.85 -11.39 0.00	192.05 -17.97 0.00	106.14 -11.05 0.00	47.22 -4.97 0.00	45.55 -4.85 0.00	43.98 -4.39 0.00	52.88 -5.34 0.00	80.30 -8.28 2.75	86.22 -10.03 13.19	80.89 -8.91 0.19	64.05 -7.23 0.00	66.41 -7.01 0.00	77.93 -7.68 0.00	76.35 -6.58 0.00
SENECA___ENERGY 23797	94.34 -1.41 0.00	104.18 -1.79 0.00	106.36 -1.56 0.00	78.49 -1.09 0.00	89.61 -1.24 0.00	78.56 -0.95 0.00	81.91 -1.14 0.00	84.65 -1.17 0.00	115.37 -2.11 0.00	121.85 -2.22 0.00	139.81 -2.44 0.00	205.87 -4.15 0.00	114.55 -2.64 0.00	50.98 -1.21 0.00	49.27 -1.14 0.00	47.47 -0.90 0.00	57.24 -0.99 0.00	90.41 -1.58 -0.66	110.72 -1.91 -3.20	88.14 -1.91 -0.05	69.66 -1.62 0.00	71.59 -1.84 0.00	83.21 -2.41 0.00	80.62 -2.30 0.00
SHOEMAKER___GT 23640	100.74 4.99 0.00	111.20 5.23 0.00	112.59 4.67 0.00	83.01 3.43 0.00	95.00 4.15 0.00	83.43 3.92 0.00	87.34 4.29 0.00	90.58 4.77 0.00	124.28 6.79 0.00	131.35 7.28 0.00	150.18 7.93 0.00	221.26 11.24 0.00	123.51 6.32 0.00	55.17 2.98 0.00	53.25 2.84 0.00	51.12 2.75 0.00	61.89 3.67 0.00	97.33 6.01 0.00	116.76 7.33 0.00	96.16 6.16 0.00	76.07 4.78 0.00	78.05 4.63 0.00	90.54 4.93 0.00	87.34 4.41 0.00
SHOEMAKR_138KV_BK 111 55601	100.63 4.87 0.00	111.08 5.11 0.00	112.44 4.52 0.00	82.91 3.34 0.00	94.87 4.02 0.00	83.34 3.83 0.00	87.25 4.20 0.00	90.50 4.69 0.00	124.15 6.67 0.00	131.20 7.13 0.00	150.02 7.77 0.00	221.09 11.07 0.00	123.46 6.27 0.00	55.14 2.95 0.00	53.19 2.79 0.00	51.07 2.70 0.00	61.82 3.60 0.00	97.24 5.91 0.00	116.66 7.23 0.00	96.06 6.05 0.00	75.98 4.70 0.00	77.96 4.53 0.00	90.44 4.82 0.00	87.24 4.32 0.00
SHOREHAM_IC_1 23715	104.19 8.44 0.00	115.57 9.60 0.00	117.13 9.21 0.00	86.77 7.19 0.00	99.93 9.08 0.00	88.28 8.77 0.00	92.71 9.66 0.00	96.09 10.28 0.00	129.22 11.73 0.00	136.27 12.19 0.00	154.74 12.49 0.00	223.22 14.56 1.36	127.48 10.30 0.00	57.62 5.43 0.00	55.64 5.24 0.00	53.50 5.13 0.00	65.29 7.07 0.00	101.39 10.06 0.00	121.44 12.00 0.00	102.29 12.14 -0.15	80.67 9.39 0.00	82.38 8.96 0.00	95.18 9.57 0.00	91.45 8.53 0.00
SHOREHAM_IC_2 23716	104.19 8.44 0.00	115.57 9.60 0.00	117.13 9.21 0.00	86.77 7.19 0.00	99.93 9.08 0.00	88.28 8.77 0.00	92.71 9.66 0.00	96.09 10.28 0.00	129.22 11.73 0.00	136.27 12.19 0.00	154.74 12.49 0.00	223.22 14.56 1.36	127.48 10.30 0.00	57.62 5.43 0.00	55.64 5.24 0.00	53.50 5.13 0.00	65.29 7.07 0.00	101.39 10.06 0.00	121.44 12.00 0.00	102.29 12.14 -0.15	80.67 9.39 0.00	82.38 8.96 0.00	95.18 9.57 0.00	91.45 8.53 0.00
SISSONVILLE____ 23735	95.82 0.06 0.00	106.23 0.26 0.00	108.91 0.99 0.00	80.51 0.94 0.00	91.59 0.74 0.00	79.42 -0.09 0.00	82.14 -0.91 0.00	83.85 -1.97 0.00	114.73 -2.76 0.00	120.96 -3.11 0.00	138.78 -3.47 0.00	205.49 -4.54 0.00	114.37 -2.82 0.00	50.75 -1.45 0.00	49.05 -1.36 0.00	47.12 -1.25 0.00	56.65 -1.57 0.00	88.90 -2.42 0.00	106.11 -3.32 0.00	87.48 -2.53 0.00	69.32 -1.96 0.00	72.44 -0.99 0.00	85.39 -0.22 0.00	83.07 0.15 0.00
SITHE_IND_GS1 24169	92.00 -3.76 0.00	101.75 -4.22 0.00	103.66 -4.26 0.00	76.44 -3.14 0.00	87.30 -3.55 0.00	76.41 -3.11 0.00	79.76 -3.29 0.00	82.43 -3.39 0.00	112.77 -4.71 0.00	119.11 -4.96 0.00	136.57 -5.68 0.00	201.38 -8.64 0.00	112.27 -4.91 0.00	50.02 -2.17 0.00	48.30 -2.10 0.00	46.42 -1.95 0.00	55.89 -2.33 0.00	87.76 -3.57 0.00	105.16 -4.27 0.00	86.36 -3.64 0.00	68.32 -2.96 0.00	70.34 -3.08 0.00	81.96 -3.66 0.00	79.39 -3.54 0.00
SITHE_IND_GS2 24170	92.00 -3.76 0.00	101.75 -4.22 0.00	103.66 -4.26 0.00	76.44 -3.14 0.00	87.30 -3.55 0.00	76.41 -3.11 0.00	79.76 -3.29 0.00	82.43 -3.39 0.00	112.77 -4.71 0.00	119.11 -4.96 0.00	136.57 -5.68 0.00	201.38 -8.64 0.00	112.27 -4.91 0.00	50.02 -2.17 0.00	48.30 -2.10 0.00	46.42 -1.95 0.00	55.89 -2.33 0.00	87.76 -3.57 0.00	105.16 -4.27 0.00	86.36 -3.64 0.00	68.32 -2.96 0.00	70.34 -3.08 0.00	81.96 -3.66 0.00	79.39 -3.54 0.00
SITHE_IND_GS3 24171	92.00 -3.76 0.00	101.75 -4.22 0.00	103.66 -4.26 0.00	76.44 -3.14 0.00	87.30 -3.55 0.00	76.41 -3.11 0.00	79.76 -3.29 0.00	82.43 -3.39 0.00	112.77 -4.71 0.00	119.11 -4.96 0.00	136.57 -5.68 0.00	201.38 -8.64 0.00	112.27 -4.91 0.00	50.02 -2.17 0.00	48.30 -2.10 0.00	46.42 -1.95 0.00	55.89 -2.33 0.00	87.76 -3.57 0.00	105.16 -4.27 0.00	86.36 -3.64 0.00	68.32 -2.96 0.00	70.34 -3.08 0.00	81.96 -3.66 0.00	79.39 -3.54 0.00
SITHE_IND_GS4 24172	92.00 -3.76 0.00	101.75 -4.22 0.00	103.66 -4.26 0.00	76.44 -3.14 0.00	87.30 -3.55 0.00	76.41 -3.11 0.00	79.76 -3.29 0.00	82.43 -3.39 0.00	112.77 -4.71 0.00	119.11 -4.96 0.00	136.57 -5.68 0.00	201.38 -8.64 0.00	112.27 -4.91 0.00	50.02 -2.17 0.00	48.30 -2.10 0.00	46.42 -1.95 0.00	55.89 -2.33 0.00	87.76 -3.57 0.00	105.16 -4.27 0.00	86.36 -3.64 0.00	68.32 -2.96 0.00	70.34 -3.08 0.00	81.96 -3.66 0.00	79.39 -3.54 0.00

SITHE___BATAVIA 24024	90.83 -3.51 1.42	101.66 -4.31 0.00	97.09 -3.99 6.84	76.24 -2.68 0.66	87.52 -3.33 0.00	75.98 -3.53 0.00	78.82 -4.23 0.00	78.84 -5.26 1.72	109.35 -8.14 0.00	115.52 -8.56 0.00	133.07 -9.18 0.00	195.15 -14.87 0.00	107.97 -9.22 0.00	48.03 -4.16 0.00	46.43 -3.98 0.00	44.94 -3.42 0.00	54.14 -4.08 0.00	84.03 -5.95 1.35	96.10 -6.90 6.43	83.02 -6.89 0.09	65.62 -5.66 0.00	67.90 -5.53 0.00	79.65 -5.96 0.00	77.81 -5.11 0.00
SITHE___INDEPEND 23800	92.00 -3.75 0.00	101.76 -4.22 0.00	103.66 -4.26 0.00	76.44 -3.14 0.00	87.31 -3.55 0.00	76.41 -3.11 0.00	79.76 -3.29 0.00	82.42 -3.39 0.00	112.78 -4.71 0.00	119.12 -4.95 0.00	136.57 -5.68 0.00	201.39 -8.63 0.00	112.27 -4.91 0.00	50.02 -2.17 0.00	48.30 -2.11 0.00	46.41 -1.95 0.00	55.90 -2.33 0.00	87.75 -3.58 0.00	105.15 -4.28 0.00	86.37 -3.64 0.00	68.32 -2.96 0.00	70.34 -3.09 0.00	81.96 -3.66 0.00	79.38 -3.54 0.00
SITHE___MASSENA 23902	95.72 -0.03 0.00	106.16 0.19 0.00	108.80 0.88 0.00	80.42 0.84 0.00	91.52 0.67 0.00	79.66 0.15 0.00	82.87 -0.18 0.00	85.15 -0.66 0.00	116.49 -1.00 0.00	122.87 -1.20 0.00	141.18 -1.07 0.00	209.02 -1.00 0.00	116.37 -0.82 0.00	51.69 -0.51 0.00	50.00 -0.41 0.00	48.03 -0.34 0.00	57.69 -0.53 0.00	90.34 -0.99 0.00	107.96 -1.47 0.00	89.02 -0.99 0.00	70.57 -0.71 0.00	73.09 -0.34 0.00	85.78 0.16 0.00	83.23 0.31 0.00
SITHE___OGDNSBRG 24021	97.26 1.50 0.00	107.87 1.90 0.00	110.59 2.67 0.00	81.79 2.21 0.00	93.05 2.20 0.00	80.81 1.30 0.00	83.85 0.80 0.00	86.01 0.19 0.00	117.56 0.07 0.00	123.61 -0.46 0.00	141.44 -0.81 0.00	209.64 -0.38 0.00	116.61 -0.57 0.00	51.74 -0.46 0.00	49.94 -0.47 0.00	48.19 -0.18 0.00	58.18 -0.04 0.00	91.39 0.07 0.00	109.15 -0.29 0.00	89.98 -0.02 0.00	71.29 0.01 0.00	74.09 0.67 0.00	87.11 1.49 0.00	84.63 1.70 0.00
SITHE___STERLING 23777	98.88 3.12 0.00	109.47 3.50 0.00	111.38 3.46 0.00	82.13 2.55 0.00	93.84 2.99 0.00	82.30 2.78 0.00	86.07 3.02 0.00	89.15 3.34 0.00	122.17 4.68 0.00	129.08 5.01 0.00	147.45 5.20 0.00	217.91 7.89 0.00	121.28 4.10 0.00	54.02 1.83 0.00	52.13 1.72 0.00	50.14 1.77 0.00	60.44 2.22 0.00	94.71 3.38 0.00	113.51 4.07 0.00	93.15 3.15 0.00	73.60 2.32 0.00	75.64 2.22 0.00	87.88 2.26 0.00	85.00 2.08 0.00
SLEIGHT__34_KV_TB1 80719	93.14 -2.62 0.00	102.83 -3.15 0.00	105.08 -2.84 0.00	77.53 -2.05 0.00	88.43 -2.43 0.00	77.20 -2.31 0.00	80.48 -2.58 0.00	82.93 -2.88 0.00	113.16 -4.33 0.00	119.67 -4.40 0.00	137.45 -4.80 0.00	202.22 -7.80 0.00	112.38 -4.81 0.00	50.03 -2.16 0.00	48.37 -2.04 0.00	46.63 -1.74 0.00	56.16 -2.06 0.00	88.34 -2.99 0.00	105.73 -3.71 0.00	86.51 -3.50 0.00	68.32 -2.96 0.00	70.33 -3.10 0.00	82.02 -3.60 0.00	79.63 -3.29 0.00
SOUTH CAIRO___GT 23612	104.45 8.70 0.00	115.39 9.42 0.00	117.24 9.32 0.00	86.21 6.64 0.00	98.55 7.70 0.00	86.30 6.78 0.00	90.12 7.06 0.00	93.57 7.75 0.00	128.80 11.32 0.00	136.18 12.10 0.00	156.11 13.86 0.00	229.32 19.30 0.00	128.07 10.88 0.00	57.06 4.87 0.00	54.97 4.56 0.00	52.53 4.16 0.00	63.38 5.16 0.00	99.52 8.20 0.00	119.15 9.72 0.00	97.63 7.63 0.00	77.36 6.08 0.00	79.73 6.30 0.00	92.65 7.03 0.00	90.15 7.22 0.00
SOUTH HAMPTN___IC 23720	105.37 9.62 0.00	116.81 10.84 0.00	118.38 10.46 0.00	87.70 8.13 0.00	100.71 9.86 0.00	89.04 9.52 0.00	93.64 10.59 0.00	97.04 11.23 0.00	130.84 13.35 0.00	137.95 13.87 0.00	156.70 14.45 0.00	225.71 17.04 1.36	128.89 11.71 0.00	58.19 6.00 0.00	56.21 5.80 0.00	54.05 5.68 0.00	65.71 7.49 0.00	101.86 10.54 0.00	121.79 12.35 0.00	102.32 12.17 -0.15	80.70 9.41 0.00	82.40 8.97 0.00	95.18 9.57 0.00	91.42 8.50 0.00
SOUTHDOW_115KV_TB1 355954	94.66 -1.10 0.00	104.42 -1.55 0.00	107.29 -0.62 0.00	79.08 -0.49 0.00	89.77 -1.08 0.00	77.95 -1.56 0.00	80.82 -2.23 0.00	82.73 -3.09 0.00	112.11 -5.38 0.00	118.38 -5.69 0.00	137.03 -5.22 0.00	201.11 -8.92 0.00	111.21 -5.98 0.00	49.28 -2.91 0.00	47.52 -2.89 0.00	45.97 -2.39 0.00	55.26 -2.96 0.00	85.26 -4.56 1.51	96.55 -5.66 7.23	84.74 -5.16 0.10	67.12 -4.16 0.00	69.26 -4.16 0.00	80.94 -4.68 0.00	79.25 -3.67 0.00
SOUTHOLD_69_KV_BK 2 55809	107.12 11.36 0.00	118.66 12.68 0.00	120.31 12.39 0.00	89.11 9.53 0.00	101.98 11.13 0.00	90.27 10.75 0.00	95.18 12.13 0.00	98.68 12.87 0.00	133.20 15.72 0.00	140.47 16.40 0.00	159.57 17.32 0.00	228.71 20.04 1.36	130.88 13.69 0.00	58.93 6.74 0.00	56.98 6.57 0.00	54.80 6.44 0.00	66.23 8.01 0.00	102.14 10.81 0.00	121.76 12.33 0.00	102.17 12.02 -0.15	80.53 9.25 0.00	82.21 8.78 0.00	94.91 9.30 0.00	91.08 8.16 0.00
SOUTHOLD___IC 23719	107.12 11.36 0.00	118.65 12.68 0.00	120.28 12.36 0.00	89.11 9.53 0.00	101.98 11.13 0.00	90.26 10.75 0.00	95.18 12.12 0.00	98.67 12.86 0.00	133.20 15.72 0.00	140.47 16.40 0.00	159.66 17.41 0.00	228.13 19.47 1.36	130.87 13.68 0.00	58.94 6.75 0.00	56.98 6.57 0.00	54.80 6.44 0.00	66.23 8.01 0.00	102.14 10.82 0.00	121.74 12.31 0.00	102.17 12.02 -0.15	80.53 9.24 0.00	82.21 8.78 0.00	94.91 9.30 0.00	91.09 8.17 0.00
SOUTH_FORK_WT_PWR 323839	107.30 11.54 0.00	118.87 12.90 0.00	120.55 12.63 0.00	89.31 9.74 0.00	101.90 11.05 0.00	90.30 10.78 0.00	95.37 12.32 0.00	98.85 13.04 0.00	133.40 15.92 0.00	140.73 16.66 0.00	159.91 17.66 0.00	229.00 20.33 1.36	130.74 13.55 0.00	58.81 6.62 0.00	56.89 6.49 0.00	54.69 6.33 0.00	65.77 7.55 0.00	101.00 9.67 0.00	120.09 10.66 0.00	100.85 10.70 -0.15	79.47 8.18 0.00	81.14 7.71 0.00	93.63 8.02 0.00	89.83 6.91 0.00
SPIERFLS_115KV_TB 1 80737	102.21 6.45 0.00	112.96 6.98 0.00	114.55 6.63 0.00	84.32 4.75 0.00	96.58 5.73 0.00	84.83 5.31 0.00	88.92 5.87 0.00	92.48 6.67 0.00	127.04 9.56 0.00	134.42 10.35 0.00	153.90 11.65 0.00	226.33 16.31 0.00	126.47 9.28 0.00	56.37 4.18 0.00	54.43 4.02 0.00	52.21 3.84 0.00	63.04 4.82 0.00	99.09 7.76 0.00	118.56 9.12 0.00	97.25 7.24 0.00	76.88 5.59 0.00	78.94 5.52 0.00	91.50 5.88 0.00	88.28 5.36 0.00
ST LAWRENCE____ 23600	94.74 -1.02 0.00	105.06 -0.91 0.00	107.50 -0.42 0.00	79.46 -0.12 0.00	90.48 -0.36 0.00	78.88 -0.64 0.00	82.13 -0.92 0.00	84.67 -1.15 0.00	115.73 -1.76 0.00	122.11 -1.96 0.00	140.34 -1.91 0.00	207.87 -2.15 0.00	115.73 -1.46 0.00	51.43 -0.76 0.00	49.76 -0.65 0.00	47.76 -0.61 0.00	57.35 -0.88 0.00	89.74 -1.58 0.00	107.29 -2.14 0.00	88.41 -1.60 0.00	70.09 -1.19 0.00	72.47 -0.96 0.00	84.95 -0.67 0.00	82.37 -0.55 0.00
STATE_CA_115KV_115_LB 55624	100.09 4.33 0.00	110.63 4.66 0.00	112.38 4.46 0.00	82.67 3.10 0.00	94.56 3.71 0.00	82.89 3.37 0.00	86.68 3.63 0.00	89.69 3.88 0.00	123.03 5.54 0.00	130.03 5.96 0.00	148.85 6.60 0.00	218.94 8.92 0.00	122.57 5.38 0.00	54.64 2.44 0.00	52.57 2.17 0.00	50.12 1.75 0.00	60.39 2.16 0.00	94.57 3.24 0.00	113.26 3.82 0.00	93.14 3.13 0.00	73.98 2.70 0.00	76.31 2.89 0.00	88.96 3.35 0.00	86.46 3.54 0.00

STATE_ST_34_KV_LOAD 55959	96.00 0.24 0.00	106.08 0.11 0.00	108.48 0.56 0.00	80.00 0.43 0.00	91.34 0.49 0.00	79.80 0.29 0.00	83.30 0.25 0.00	86.34 0.52 0.00	118.09 0.60 0.00	124.72 0.65 0.00	142.85 0.60 0.00	210.52 0.49 0.00	117.17 -0.02 0.00	52.16 -0.03 0.00	50.38 -0.03 0.00	48.52 0.16 0.00	58.52 0.31 0.00	91.95 0.62 0.00	110.22 0.78 0.00	90.48 0.48 0.00	71.49 0.20 0.00	73.47 0.05 0.00	85.41 -0.20 0.00	82.68 -0.23 0.00
STATION 5_MISC_HYD 23604	91.24 -3.60 0.92	101.70 -4.27 0.00	99.60 -3.89 4.43	76.31 -2.85 0.42	87.43 -3.42 0.00	76.19 -3.32 0.00	79.21 -3.84 0.00	80.15 -4.55 1.11	110.72 -6.77 0.00	117.06 -7.01 0.00	134.65 -7.60 0.00	197.95 -12.07 0.00	109.78 -7.41 0.00	48.91 -3.28 0.00	47.31 -3.10 0.00	45.62 -2.75 0.00	54.93 -3.29 0.00	86.42 -4.91 0.00	103.50 -5.94 0.00	84.49 -5.51 0.00	66.69 -4.59 0.00	68.77 -4.65 0.00	80.47 -5.15 0.00	78.35 -4.57 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	94.21 -1.55 0.00	103.97 -2.00 0.00	106.24 -1.68 0.00	78.38 -1.19 0.00	89.38 -1.47 0.00	78.16 -1.35 0.00	81.42 -1.63 0.00	83.87 -1.94 0.00	114.33 -3.16 0.00	120.86 -3.21 0.00	138.76 -3.49 0.00	204.10 -5.92 0.00	113.40 -3.79 0.00	50.49 -1.71 0.00	48.81 -1.59 0.00	47.07 -1.30 0.00	56.70 -1.52 0.00	89.14 -2.19 0.00	106.70 -2.74 0.00	87.27 -2.73 0.00	68.91 -2.37 0.00	70.95 -2.48 0.00	82.71 -2.91 0.00	80.29 -2.63 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	91.85 -3.91 0.00	101.35 -4.62 0.00	103.64 -4.28 0.00	76.45 -3.12 0.00	87.12 -3.73 0.00	75.94 -3.57 0.00	78.97 -4.08 0.00	81.11 -4.71 0.00	110.51 -6.97 0.00	116.85 -7.22 0.00	134.42 -7.82 0.00	197.64 -12.38 0.00	109.67 -7.51 0.00	48.86 -3.34 0.00	47.25 -3.16 0.00	45.56 -2.81 0.00	54.84 -3.38 0.00	86.24 -5.08 0.00	103.21 -6.23 0.00	84.36 -5.64 0.00	66.60 -4.68 0.00	68.73 -4.70 0.00	80.31 -5.31 0.00	78.15 -4.77 0.00
STA_56___34_KV_BUS2 355983	91.85 -3.91 0.00	101.35 -4.62 0.00	103.64 -4.28 0.00	76.45 -3.12 0.00	87.12 -3.73 0.00	75.94 -3.57 0.00	78.97 -4.08 0.00	81.11 -4.71 0.00	110.51 -6.97 0.00	116.85 -7.22 0.00	134.42 -7.82 0.00	197.64 -12.38 0.00	109.67 -7.51 0.00	48.86 -3.34 0.00	47.25 -3.16 0.00	45.56 -2.81 0.00	54.84 -3.38 0.00	86.24 -5.08 0.00	103.21 -6.23 0.00	84.36 -5.64 0.00	66.60 -4.68 0.00	68.73 -4.70 0.00	80.31 -5.31 0.00	78.15 -4.77 0.00
STA_67___115KV_BK2 355882	91.95 -3.81 0.00	101.46 -4.51 0.00	103.78 -4.14 0.00	76.57 -3.01 0.00	87.25 -3.60 0.00	76.00 -3.52 0.00	79.00 -4.05 0.00	81.06 -4.76 0.00	110.41 -7.08 0.00	116.74 -7.33 0.00	134.28 -7.97 0.00	197.38 -12.64 0.00	109.50 -7.68 0.00	48.78 -3.41 0.00	47.17 -3.24 0.00	45.48 -2.88 0.00	54.76 -3.46 0.00	86.10 -5.23 0.00	103.05 -6.39 0.00	84.22 -5.79 0.00	66.49 -4.79 0.00	68.64 -4.79 0.00	80.27 -5.35 0.00	78.15 -4.77 0.00
STA_7___115KV_9TRANS 80674	92.68 -3.08 0.00	102.21 -3.75 0.00	104.53 -3.39 0.00	77.13 -2.45 0.00	87.89 -2.96 0.00	76.59 -2.92 0.00	79.64 -3.41 0.00	81.75 -4.07 0.00	111.38 -6.11 0.00	117.80 -6.27 0.00	135.52 -6.73 0.00	199.16 -10.86 0.00	110.44 -6.74 0.00	49.24 -2.96 0.00	47.62 -2.79 0.00	45.94 -2.43 0.00	55.31 -2.91 0.00	87.01 -4.32 0.00	104.16 -5.28 0.00	85.11 -4.89 0.00	67.15 -4.13 0.00	69.32 -4.11 0.00	80.99 -4.63 0.00	78.82 -4.11 0.00
STA_82___115KV_TB1 80780	92.01 -3.76 0.00	101.51 -4.46 0.00	103.83 -4.10 0.00	76.60 -2.97 0.00	87.28 -3.58 0.00	76.06 -3.46 0.00	79.04 -4.01 0.00	81.10 -4.71 0.00	110.46 -7.02 0.00	116.79 -7.28 0.00	134.34 -7.90 0.00	197.50 -12.53 0.00	109.54 -7.64 0.00	48.80 -3.39 0.00	47.20 -3.21 0.00	45.51 -2.86 0.00	54.78 -3.44 0.00	86.16 -5.17 0.00	103.12 -6.32 0.00	84.28 -5.72 0.00	66.53 -4.75 0.00	68.69 -4.74 0.00	80.30 -5.31 0.00	78.19 -4.73 0.00
STEEL___WIND 323596	89.25 -4.45 2.06	100.57 -5.40 0.00	93.35 -4.61 9.96	75.24 -3.38 0.95	86.67 -4.18 0.00	75.08 -4.43 0.00	77.75 -5.30 0.00	76.67 -6.64 2.50	107.22 -10.27 0.00	113.21 -10.87 0.00	130.71 -11.53 0.00	191.91 -18.11 0.00	105.96 -11.22 0.00	47.18 -5.01 0.00	45.50 -4.91 0.00	43.90 -4.47 0.00	52.81 -5.41 0.00	80.19 -8.38 2.75	86.29 -9.96 13.19	80.72 -9.09 0.19	63.93 -7.35 0.00	66.17 -7.25 0.00	77.75 -7.86 0.00	76.21 -6.71 0.00
STEPHTWN_115KV_BK_2 55603	101.05 5.29 0.00	111.65 5.68 0.00	113.35 5.43 0.00	83.28 3.71 0.00	95.37 4.52 0.00	83.58 4.06 0.00	87.47 4.42 0.00	90.59 4.78 0.00	124.42 6.94 0.00	131.54 7.46 0.00	150.51 8.26 0.00	221.38 11.36 0.00	123.91 6.72 0.00	55.17 2.97 0.00	53.08 2.67 0.00	50.69 2.32 0.00	61.11 2.89 0.00	95.82 4.50 0.00	114.84 5.41 0.00	94.29 4.28 0.00	74.86 3.58 0.00	77.20 3.77 0.00	89.91 4.30 0.00	87.34 4.42 0.00
STEUBEN_REC_LFGE 323667	95.63 -0.13 0.00	105.60 -0.36 0.00	107.96 0.04 0.00	79.73 0.16 0.00	90.81 -0.04 0.00	79.47 -0.05 0.00	82.61 -0.43 0.00	84.76 -1.05 0.00	114.69 -2.79 0.00	120.42 -3.65 0.00	138.00 -4.25 0.00	201.73 -8.29 0.00	111.09 -6.09 0.00	49.20 -2.99 0.00	47.64 -2.77 0.00	46.03 -2.33 0.00	55.34 -2.88 0.00	92.80 -5.13 -6.61	134.58 -6.52 -31.67	84.35 -6.11 -0.46	66.85 -4.43 0.00	69.12 -4.31 0.00	80.74 -4.88 0.00	78.74 -4.18 0.00
STILLWATER___SOLAR 323814	101.51 5.75 0.00	112.20 6.24 0.00	113.90 5.98 0.00	83.83 4.25 0.00	95.93 5.07 0.00	84.20 4.68 0.00	88.18 5.13 0.00	91.37 5.55 0.00	125.47 7.99 0.00	132.66 8.59 0.00	151.94 9.69 0.00	223.45 13.43 0.00	124.97 7.79 0.00	55.72 3.53 0.00	53.76 3.35 0.00	51.57 3.21 0.00	62.23 4.01 0.00	97.78 6.45 0.00	117.11 7.68 0.00	96.13 6.13 0.00	76.08 4.79 0.00	78.19 4.76 0.00	90.77 5.16 0.00	87.70 4.78 0.00
STONY___BROOK 24151	104.35 8.59 0.00	115.27 9.30 0.00	116.82 8.90 0.00	86.47 6.90 0.00	99.22 8.37 0.00	87.59 8.07 0.00	91.91 8.86 0.00	95.39 9.57 0.00	129.35 11.86 0.00	136.34 12.27 0.00	154.87 12.62 0.00	224.37 15.70 1.35	128.07 10.88 0.00	57.88 5.69 0.00	55.86 5.45 0.00	53.70 5.33 0.00	65.24 7.02 0.00	101.94 10.62 0.00	122.15 12.72 0.00	101.79 11.64 -0.15	80.34 9.05 0.00	82.06 8.63 0.00	94.85 9.23 0.00	91.08 8.16 0.00
STURGEON_POOL_HYD 23609	105.14 9.38 0.00	115.84 9.88 0.00	117.09 9.17 0.00	86.30 6.73 0.00	98.83 7.98 0.00	86.98 7.46 0.00	91.22 8.17 0.00	94.96 9.14 0.00	130.56 13.08 0.00	138.18 14.11 0.00	158.02 15.77 0.00	232.77 22.75 0.00	130.07 12.88 0.00	58.17 5.98 0.00	56.05 5.64 0.00	53.90 5.53 0.00	65.40 7.18 0.00	103.16 11.83 0.00	123.83 14.39 0.00	101.81 11.81 0.00	80.39 9.11 0.00	82.26 8.83 0.00	95.15 9.53 0.00	91.56 8.64 0.00
ST_LAW_115_BK7_LBMP 345037	94.71 -1.05 0.00	105.02 -0.96 0.00	107.49 -0.42 0.00	79.49 -0.09 0.00	90.51 -0.34 0.00	78.85 -0.67 0.00	82.10 -0.95 0.00	84.58 -1.23 0.00	115.58 -1.91 0.00	121.93 -2.14 0.00	140.17 -2.08 0.00	207.61 -2.41 0.00	115.54 -1.64 0.00	51.34 -0.85 0.00	49.69 -0.72 0.00	47.69 -0.68 0.00	57.27 -0.95 0.00	89.62 -1.71 0.00	107.10 -2.33 0.00	88.29 -1.72 0.00	70.02 -1.26 0.00	72.44 -0.98 0.00	84.94 -0.67 0.00	82.40 -0.53 0.00

ST_LAW_115_BK8_LBMP 345038	94.71 -1.05 0.00	105.02 -0.96 0.00	107.49 -0.42 0.00	79.49 -0.09 0.00	90.51 -0.34 0.00	78.85 -0.67 0.00	82.10 -0.95 0.00	84.58 -1.23 0.00	115.58 -1.91 0.00	121.93 -2.14 0.00	140.17 -2.08 0.00	207.61 -2.41 0.00	115.54 -1.64 0.00	51.34 -0.85 0.00	49.69 -0.72 0.00	47.69 -0.68 0.00	57.27 -0.95 0.00	89.62 -1.71 0.00	107.10 -2.33 0.00	88.29 -1.72 0.00	70.02 -1.26 0.00	72.44 -0.98 0.00	84.94 -0.67 0.00	82.40 -0.53 0.00
ST_LAW_230_BK5_LBMP 345035	94.74 -1.02 0.00	105.06 -0.91 0.00	107.50 -0.42 0.00	79.46 -0.12 0.00	90.48 -0.36 0.00	78.88 -0.64 0.00	82.13 -0.92 0.00	84.67 -1.15 0.00	115.73 -1.76 0.00	122.11 -1.96 0.00	140.34 -1.91 0.00	207.87 -2.15 0.00	115.73 -1.46 0.00	51.43 -0.76 0.00	49.76 -0.65 0.00	47.76 -0.61 0.00	57.35 -0.88 0.00	89.74 -1.58 0.00	107.29 -2.14 0.00	88.41 -1.60 0.00	70.09 -1.19 0.00	72.47 -0.96 0.00	84.95 -0.67 0.00	82.37 -0.55 0.00
ST_LAW_230_BK6_LBMP 345036	94.74 -1.02 0.00	105.06 -0.91 0.00	107.50 -0.42 0.00	79.46 -0.12 0.00	90.48 -0.36 0.00	78.88 -0.64 0.00	82.13 -0.92 0.00	84.67 -1.15 0.00	115.73 -1.76 0.00	122.11 -1.96 0.00	140.34 -1.91 0.00	207.87 -2.15 0.00	115.73 -1.46 0.00	51.43 -0.76 0.00	49.76 -0.65 0.00	47.76 -0.61 0.00	57.35 -0.88 0.00	89.74 -1.58 0.00	107.29 -2.14 0.00	88.41 -1.60 0.00	70.09 -1.19 0.00	72.47 -0.96 0.00	84.95 -0.67 0.00	82.37 -0.55 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	100.84 5.09 0.00	111.29 5.32 0.00	112.62 4.70 0.00	83.02 3.44 0.00	95.05 4.19 0.00	83.57 4.05 0.00	87.52 4.47 0.00	90.81 5.00 0.00	124.59 7.10 0.00	131.68 7.61 0.00	150.50 8.25 0.00	221.67 11.65 0.00	123.99 6.81 0.00	55.43 3.24 0.00	53.40 2.99 0.00	51.27 2.90 0.00	62.09 3.87 0.00	97.72 6.39 0.00	117.26 7.83 0.00	96.54 6.53 0.00	76.34 5.06 0.00	78.29 4.86 0.00	90.78 5.17 0.00	87.53 4.61 0.00
SWANROAD_115KV_TB1 355699	87.43 -8.33 0.00	96.50 -9.47 0.00	98.45 -9.47 0.00	73.12 -6.45 0.00	83.19 -7.66 0.00	71.95 -7.57 0.00	74.32 -8.73 0.00	75.42 -10.39 0.00	101.76 -15.72 0.00	107.42 -16.64 0.00	123.98 -18.26 0.00	181.89 -28.13 0.00	100.63 -16.55 0.00	44.75 -7.44 0.00	43.23 -7.17 0.00	41.77 -6.60 0.00	50.20 -8.02 0.00	77.05 -12.21 2.07	85.21 -14.36 9.87	76.84 -13.02 0.14	60.74 -10.54 0.00	63.21 -10.22 0.00	74.42 -11.20 0.00	73.04 -9.88 0.00
SYNERGY___BIOGAS 323694	90.83 -3.51 1.42	101.66 -4.31 0.00	97.09 -3.99 6.84	76.24 -2.68 0.66	87.52 -3.33 0.00	75.98 -3.53 0.00	78.82 -4.23 0.00	78.84 -5.26 1.72	109.35 -8.14 0.00	115.52 -8.56 0.00	133.07 -9.18 0.00	195.15 -14.87 0.00	107.97 -9.22 0.00	48.03 -4.16 0.00	46.43 -3.98 0.00	44.94 -3.42 0.00	54.14 -4.08 0.00	84.03 -5.95 1.35	96.10 -6.90 6.43	83.02 -6.89 0.09	65.62 -5.66 0.00	67.90 -5.53 0.00	79.65 -5.96 0.00	77.81 -5.11 0.00
SYRACUSE___ENERGY_ST1 323597	95.21 -0.55 0.00	105.23 -0.74 0.00	107.24 -0.67 0.00	79.10 -0.48 0.00	90.31 -0.55 0.00	79.05 -0.46 0.00	82.59 -0.46 0.00	85.37 -0.45 0.00	116.81 -0.67 0.00	123.42 -0.65 0.00	141.47 -0.78 0.00	208.62 -1.40 0.00	116.22 -0.96 0.00	51.78 -0.41 0.00	50.02 -0.39 0.00	48.10 -0.27 0.00	57.96 -0.27 0.00	91.04 -0.29 0.00	109.16 -0.28 0.00	89.59 -0.41 0.00	70.82 -0.46 0.00	72.83 -0.59 0.00	84.69 -0.92 0.00	82.02 -0.90 0.00
SYRACUSE___ENERGY_ST2 323598	95.21 -0.55 0.00	105.23 -0.74 0.00	107.24 -0.67 0.00	79.10 -0.48 0.00	90.31 -0.55 0.00	79.05 -0.46 0.00	82.59 -0.46 0.00	85.37 -0.45 0.00	116.81 -0.67 0.00	123.42 -0.65 0.00	141.47 -0.78 0.00	208.62 -1.40 0.00	116.22 -0.96 0.00	51.78 -0.41 0.00	50.02 -0.39 0.00	48.10 -0.27 0.00	57.96 -0.27 0.00	91.04 -0.29 0.00	109.16 -0.28 0.00	89.59 -0.41 0.00	70.82 -0.46 0.00	72.83 -0.59 0.00	84.69 -0.92 0.00	82.02 -0.90 0.00
SYRACUSE___POWER 24017	95.12 -0.64 0.00	105.12 -0.85 0.00	107.03 -0.89 0.00	78.95 -0.63 0.00	90.12 -0.73 0.00	78.96 -0.56 0.00	82.45 -0.60 0.00	85.26 -0.55 0.00	116.64 -0.85 0.00	123.21 -0.86 0.00	141.26 -0.99 0.00	208.37 -1.65 0.00	116.06 -1.12 0.00	51.69 -0.50 0.00	49.93 -0.48 0.00	48.01 -0.36 0.00	57.86 -0.36 0.00	90.86 -0.46 0.00	108.97 -0.47 0.00	89.44 -0.56 0.00	70.68 -0.60 0.00	72.68 -0.74 0.00	84.54 -1.08 0.00	81.87 -1.05 0.00
TALLMAN___138KV_BK151 55660	100.96 5.20 0.00	111.36 5.39 0.00	112.64 4.71 0.00	82.99 3.42 0.00	95.06 4.21 0.00	83.68 4.17 0.00	87.74 4.68 0.00	91.05 5.23 0.00	124.91 7.42 0.00	132.00 7.93 0.00	150.76 8.51 0.00	222.06 12.04 0.00	124.22 7.03 0.00	55.57 3.38 0.00	53.50 3.09 0.00	51.37 3.01 0.00	62.26 4.04 0.00	98.06 6.74 0.00	117.67 8.24 0.00	96.90 6.89 0.00	76.63 5.35 0.00	78.55 5.12 0.00	91.05 5.43 0.00	87.77 4.85 0.00
TEALLAVE_115KV_TB7 355573	94.38 -1.38 0.00	104.31 -1.66 0.00	106.21 -1.70 0.00	78.31 -1.26 0.00	89.42 -1.43 0.00	78.33 -1.19 0.00	81.80 -1.25 0.00	84.56 -1.25 0.00	115.69 -1.80 0.00	122.23 -1.84 0.00	140.14 -2.11 0.00	206.67 -3.36 0.00	115.12 -2.07 0.00	51.27 -0.92 0.00	49.52 -0.88 0.00	47.61 -0.75 0.00	57.37 -0.86 0.00	90.08 -1.24 0.00	108.00 -1.44 0.00	88.65 -1.35 0.00	70.08 -1.21 0.00	72.08 -1.34 0.00	83.86 -1.75 0.00	81.22 -1.70 0.00
TELGRAPH_34_KV_EAST 80808	89.91 -5.85 0.00	99.16 -6.81 0.00	101.37 -6.55 0.00	75.07 -4.50 0.00	85.42 -5.43 0.00	74.00 -5.51 0.00	76.62 -6.43 0.00	78.03 -7.79 0.00	105.70 -11.78 0.00	111.66 -12.41 0.00	128.78 -13.47 0.00	188.91 -21.11 0.00	104.53 -12.66 0.00	46.50 -5.69 0.00	44.93 -5.48 0.00	43.40 -4.97 0.00	52.23 -6.00 0.00	80.54 -9.09 1.69	90.54 -10.82 8.08	79.99 -9.90 0.12	63.28 -8.00 0.00	65.79 -7.64 0.00	77.25 -8.36 0.00	75.64 -7.28 0.00
TEMPLE___115KV_TB 2 55572	94.44 -1.31 0.00	104.39 -1.59 0.00	106.29 -1.63 0.00	78.39 -1.19 0.00	89.49 -1.36 0.00	78.38 -1.13 0.00	81.86 -1.19 0.00	84.61 -1.20 0.00	115.74 -1.74 0.00	122.31 -1.76 0.00	140.21 -2.04 0.00	206.77 -3.25 0.00	115.16 -2.03 0.00	51.31 -0.89 0.00	49.55 -0.86 0.00	47.65 -0.72 0.00	57.40 -0.82 0.00	90.14 -1.18 0.00	108.09 -1.34 0.00	88.72 -1.29 0.00	70.12 -1.16 0.00	72.11 -1.32 0.00	83.91 -1.71 0.00	81.27 -1.65 0.00
TIANA____69_KV_BK 1 55817	105.11 9.35 0.00	116.49 10.52 0.00	118.06 10.14 0.00	87.44 7.87 0.00	100.51 9.66 0.00	88.83 9.32 0.00	93.36 10.30 0.00	96.77 10.95 0.00	130.48 12.99 0.00	137.55 13.48 0.00	156.25 14.00 0.00	225.51 16.85 1.36	128.66 11.48 0.00	58.09 5.90 0.00	56.12 5.72 0.00	53.97 5.61 0.00	65.70 7.48 0.00	102.00 10.68 0.00	122.06 12.63 0.00	102.52 12.37 -0.15	80.85 9.57 0.00	82.56 9.13 0.00	95.38 9.76 0.00	91.62 8.69 0.00
TILDEN___115KV_TB1 80814	95.12 -0.64 0.00	105.12 -0.85 0.00	107.03 -0.89 0.00	78.95 -0.63 0.00	90.12 -0.73 0.00	78.96 -0.56 0.00	82.45 -0.60 0.00	85.26 -0.55 0.00	116.64 -0.85 0.00	123.21 -0.86 0.00	141.26 -0.99 0.00	208.37 -1.65 0.00	116.06 -1.12 0.00	51.69 -0.50 0.00	49.93 -0.48 0.00	48.01 -0.36 0.00	57.86 -0.36 0.00	90.86 -0.46 0.00	108.97 -0.47 0.00	89.44 -0.56 0.00	70.68 -0.60 0.00	72.68 -0.74 0.00	84.54 -1.08 0.00	81.87 -1.05 0.00

TRIGEN__CC 323695	103.03 7.27 0.00	113.68 7.70 0.00	115.10 7.18 0.00	85.04 5.46 0.00	97.34 6.49 0.00	85.77 6.25 0.00	89.94 6.89 0.00	93.37 7.55 0.00	127.44 9.95 0.00	134.57 10.49 0.00	153.10 10.85 0.00	223.86 14.14 0.31	126.58 9.40 0.00	57.00 4.80 0.00	54.88 4.47 0.00	52.75 4.38 0.00	63.91 5.69 0.00	100.21 8.88 0.00	120.19 10.75 0.00	99.51 9.36 -0.15	78.59 7.31 0.00	80.43 7.01 0.00	93.15 7.53 0.00	89.64 6.72 0.00
TRINITY__115KV__4 BK 55933	99.75 3.99 0.00	110.30 4.33 0.00	112.04 4.12 0.00	82.40 2.83 0.00	94.25 3.40 0.00	82.62 3.10 0.00	86.37 3.32 0.00	89.38 3.57 0.00	122.57 5.09 0.00	129.52 5.45 0.00	148.24 5.99 0.00	217.99 7.97 0.00	122.09 4.90 0.00	54.43 2.24 0.00	52.36 1.96 0.00	49.90 1.54 0.00	60.11 1.89 0.00	94.14 2.82 0.00	112.72 3.28 0.00	92.70 2.70 0.00	73.65 2.36 0.00	76.02 2.59 0.00	88.62 3.00 0.00	86.14 3.22 0.00
UNION__PROCESSING_DRP 323587	92.02 -3.74 0.00	101.55 -4.42 0.00	103.85 -4.07 0.00	76.63 -2.94 0.00	87.30 -3.55 0.00	76.07 -3.44 0.00	79.05 -4.00 0.00	81.14 -4.67 0.00	110.50 -6.98 0.00	116.84 -7.23 0.00	134.41 -7.84 0.00	197.54 -12.48 0.00	109.58 -7.60 0.00	48.83 -3.37 0.00	47.20 -3.21 0.00	45.52 -2.85 0.00	54.82 -3.40 0.00	86.19 -5.14 0.00	103.14 -6.30 0.00	84.30 -5.70 0.00	66.55 -4.73 0.00	68.70 -4.72 0.00	80.33 -5.29 0.00	78.20 -4.72 0.00
UPPER HUDSON__HYD 24058	102.21 6.45 0.00	112.95 6.98 0.00	114.56 6.63 0.00	84.32 4.75 0.00	96.59 5.74 0.00	84.83 5.31 0.00	88.92 5.87 0.00	92.48 6.67 0.00	127.04 9.55 0.00	134.42 10.35 0.00	153.90 11.65 0.00	226.33 16.31 0.00	126.48 9.29 0.00	56.37 4.18 0.00	54.43 4.02 0.00	52.21 3.84 0.00	63.05 4.83 0.00	99.09 7.76 0.00	118.55 9.12 0.00	97.25 7.25 0.00	76.88 5.59 0.00	78.96 5.53 0.00	91.49 5.88 0.00	88.29 5.37 0.00
UPPER RAQUET__HYD 24056	95.82 0.06 0.00	106.23 0.26 0.00	108.91 0.99 0.00	80.51 0.94 0.00	91.59 0.74 0.00	79.42 -0.09 0.00	82.14 -0.91 0.00	83.85 -1.97 0.00	114.73 -2.76 0.00	120.96 -3.11 0.00	138.78 -3.47 0.00	205.49 -4.53 0.00	114.37 -2.82 0.00	50.75 -1.44 0.00	49.05 -1.36 0.00	47.13 -1.24 0.00	56.65 -1.57 0.00	88.90 -2.42 0.00	106.11 -3.32 0.00	87.48 -2.52 0.00	69.32 -1.96 0.00	72.44 -0.99 0.00	85.39 -0.22 0.00	83.07 0.15 0.00
VALLEY44_115KV_TB2 355964	94.34 -1.42 0.00	104.08 -1.89 0.00	106.73 -1.19 0.00	78.63 -0.95 0.00	89.45 -1.40 0.00	77.85 -1.67 0.00	80.45 -2.60 0.00	81.80 -4.01 0.00	111.11 -6.37 0.00	117.22 -6.85 0.00	135.72 -6.53 0.00	200.14 -9.88 0.00	111.04 -6.15 0.00	49.53 -2.66 0.00	47.85 -2.56 0.00	46.21 -2.16 0.00	55.47 -2.76 0.00	85.28 -5.02 1.02	98.27 -6.29 4.88	84.47 -5.46 0.07	66.73 -4.55 0.00	68.78 -4.65 0.00	80.63 -4.99 0.00	79.00 -3.92 0.00
VALLEY__115KV_TB 1-4 80826	98.66 2.90 0.00	109.16 3.19 0.00	110.61 2.69 0.00	81.50 1.92 0.00	93.24 2.39 0.00	81.91 2.40 0.00	85.75 2.70 0.00	88.94 3.13 0.00	122.01 4.52 0.00	128.99 4.92 0.00	147.43 5.18 0.00	216.71 6.69 0.00	120.88 3.69 0.00	53.85 1.66 0.00	51.84 1.43 0.00	49.63 1.26 0.00	59.93 1.71 0.00	93.96 2.63 0.00	112.61 3.17 0.00	92.79 2.78 0.00	73.58 2.30 0.00	75.45 2.03 0.00	87.93 2.31 0.00	84.92 1.99 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	103.21 7.45 0.00	113.90 7.93 0.00	115.71 7.79 0.00	85.28 5.70 0.00	97.49 6.64 0.00	85.63 6.11 0.00	89.61 6.55 0.00	93.08 7.27 0.00	127.47 9.99 0.00	134.38 10.30 0.00	153.77 11.52 0.00	226.78 16.76 0.00	126.09 8.90 0.00	56.15 3.95 0.00	54.20 3.80 0.00	52.21 3.85 0.00	63.10 4.88 0.00	99.08 7.75 0.00	118.74 9.30 0.00	97.56 7.55 0.00	77.11 5.83 0.00	78.97 5.55 0.00	91.46 5.85 0.00	88.23 5.31 0.00
VISCHER__FERRY HYD 24020	100.43 4.68 0.00	111.09 5.12 0.00	112.80 4.89 0.00	82.95 3.37 0.00	94.90 4.05 0.00	83.26 3.74 0.00	87.13 4.08 0.00	90.11 4.29 0.00	123.67 6.18 0.00	130.66 6.59 0.00	149.71 7.46 0.00	220.01 9.99 0.00	123.22 6.03 0.00	54.98 2.79 0.00	53.02 2.61 0.00	50.78 2.41 0.00	61.22 2.99 0.00	96.12 4.79 0.00	115.19 5.75 0.00	94.62 4.62 0.00	74.98 3.70 0.00	77.19 3.77 0.00	89.66 4.04 0.00	86.78 3.86 0.00
V_A_10_SYNC_DSASP 323832	87.75 -6.44 1.57	98.56 -7.41 0.00	93.43 -6.93 7.56	73.86 -4.99 0.72	84.85 -6.00 0.00	73.63 -5.88 0.00	76.24 -6.81 0.00	75.84 -8.07 1.90	105.52 -11.96 0.00	111.53 -12.54 0.00	128.60 -13.65 0.00	188.98 -21.04 0.00	104.64 -12.54 0.00	46.57 -5.62 0.00	45.01 -5.40 0.00	43.43 -4.94 0.00	52.22 -6.01 0.00	80.74 -9.27 1.32	91.98 -11.13 6.32	80.01 -9.91 0.09	63.22 -8.07 0.00	65.39 -8.03 0.00	76.88 -8.74 0.00	75.22 -7.70 0.00
V_CMM_10_SYNC_DSASP 323787	94.84 -0.92 0.00	105.22 -0.75 0.00	107.74 -0.17 0.00	79.89 0.32 0.00	90.98 0.13 0.00	79.27 -0.24 0.00	82.55 -0.50 0.00	84.97 -0.85 0.00	115.81 -1.68 0.00	122.16 -1.91 0.00	140.40 -1.85 0.00	207.98 -2.04 0.00	115.77 -1.42 0.00	51.44 -0.75 0.00	49.78 -0.63 0.00	47.78 -0.59 0.00	57.38 -0.84 0.00	89.79 -1.54 0.00	107.31 -2.12 0.00	88.46 -1.54 0.00	70.33 -0.95 0.00	72.82 -0.61 0.00	85.37 -0.25 0.00	82.82 -0.11 0.00
V_CMP_10_SYNC_DSASP 323788	97.79 2.03 0.00	108.58 2.61 0.00	110.94 3.02 0.00	81.85 2.28 0.00	93.08 2.23 0.00	81.08 1.56 0.00	84.25 1.20 0.00	86.79 0.98 0.00	118.82 1.33 0.00	125.58 1.51 0.00	144.48 2.23 0.00	212.79 2.77 0.00	118.62 1.43 0.00	52.73 0.54 0.00	50.88 0.47 0.00	48.72 0.35 0.00	58.68 0.46 0.00	91.71 0.38 0.00	108.77 -0.67 0.00	89.63 -0.37 0.00	70.70 -0.58 0.00	72.84 -0.59 0.00	85.51 -0.11 0.00	82.71 -0.21 0.00
V_D_10_SYNC_DSASP 323841	95.72 -0.03 0.00	106.16 0.19 0.00	108.80 0.88 0.00	80.41 0.83 0.00	91.52 0.67 0.00	79.66 0.15 0.00	82.89 -0.17 0.00	85.17 -0.65 0.00	116.50 -0.99 0.00	122.90 -1.17 0.00	141.19 -1.05 0.00	209.04 -0.98 0.00	116.37 -0.82 0.00	51.70 -0.49 0.00	50.02 -0.39 0.00	48.03 -0.34 0.00	57.71 -0.51 0.00	90.35 -0.98 0.00	107.98 -1.45 0.00	89.04 -0.96 0.00	70.57 -0.71 0.00	73.09 -0.34 0.00	85.78 0.16 0.00	83.23 0.31 0.00
V_E_10_SYNC_DSASP 323830	105.99 10.24 0.00	117.01 11.04 0.00	118.91 10.99 0.00	87.75 8.18 0.00	100.32 9.47 0.00	88.15 8.63 0.00	92.31 9.26 0.00	96.07 10.26 0.00	131.69 14.20 0.00	139.17 15.10 0.00	158.99 16.75 0.00	233.65 23.64 0.00	128.06 10.87 0.00	56.49 4.30 0.00	53.78 3.37 0.00	51.53 3.16 0.00	62.88 4.66 0.00	99.38 8.05 0.00	119.36 9.92 0.00	99.28 9.27 0.00	78.97 7.69 0.00	80.75 7.33 0.00	92.94 7.32 0.00	89.11 6.19 0.00
V_F_30_NSYNC__DSASP 323816	101.57 5.81 0.00	112.27 6.30 0.00	113.99 6.07 0.00	83.89 4.32 0.00	95.99 5.14 0.00	84.27 4.76 0.00	88.24 5.19 0.00	91.42 5.60 0.00	125.56 8.07 0.00	132.75 8.68 0.00	152.06 9.81 0.00	223.71 13.68 0.00	125.08 7.90 0.00	55.74 3.55 0.00	53.79 3.39 0.00	51.62 3.25 0.00	62.26 4.04 0.00	97.85 6.52 0.00	117.23 7.79 0.00	96.20 6.20 0.00	76.14 4.86 0.00	78.26 4.84 0.00	90.83 5.21 0.00	87.78 4.85 0.00

V_F_30_SYNC_DSASP 323786	100.08 4.32 0.00	110.63 4.66 0.00	112.37 4.45 0.00	82.66 3.09 0.00	94.56 3.71 0.00	82.89 3.37 0.00	86.67 3.62 0.00	89.69 3.88 0.00	123.03 5.54 0.00	130.03 5.96 0.00	148.85 6.60 0.00	218.94 8.92 0.00	122.56 5.37 0.00	54.63 2.44 0.00	52.57 2.16 0.00	50.11 1.75 0.00	60.38 2.16 0.00	94.56 3.23 0.00	113.26 3.82 0.00	93.13 3.13 0.00	73.97 2.69 0.00	76.31 2.89 0.00	88.96 3.35 0.00	86.46 3.54 0.00
V_XM_10_SYNC_DSASP 323789	97.79 2.03 0.00	108.58 2.61 0.00	110.94 3.02 0.00	81.85 2.28 0.00	93.08 2.23 0.00	81.08 1.56 0.00	84.25 1.20 0.00	86.79 0.98 0.00	118.82 1.33 0.00	125.58 1.51 0.00	144.48 2.23 0.00	212.79 2.77 0.00	118.62 1.43 0.00	52.73 0.54 0.00	50.88 0.47 0.00	48.72 0.35 0.00	58.68 0.46 0.00	91.71 0.38 0.00	108.77 -0.67 0.00	89.63 -0.37 0.00	70.70 -0.58 0.00	72.84 -0.59 0.00	85.51 -0.11 0.00	82.71 -0.21 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	101.22 5.46 0.00	111.64 5.66 0.00	112.90 4.98 0.00	83.20 3.63 0.00	95.29 4.44 0.00	83.90 4.38 0.00	87.96 4.91 0.00	91.26 5.45 0.00	125.26 7.77 0.00	132.37 8.30 0.00	151.18 8.94 0.00	222.63 12.61 0.00	124.56 7.37 0.00	55.72 3.53 0.00	53.65 3.24 0.00	51.51 3.15 0.00	62.43 4.21 0.00	98.34 7.01 0.00	117.98 8.55 0.00	97.17 7.17 0.00	76.84 5.56 0.00	78.77 5.34 0.00	91.29 5.67 0.00	88.00 5.08 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	102.36 6.60 0.00	112.80 6.82 0.00	114.06 6.14 0.00	84.06 4.48 0.00	96.29 5.44 0.00	84.78 5.27 0.00	88.90 5.85 0.00	92.29 6.48 0.00	126.66 9.17 0.00	133.95 9.88 0.00	152.97 10.72 0.00	225.21 15.19 0.00	126.10 8.91 0.00	56.46 4.27 0.00	54.34 3.94 0.00	52.20 3.83 0.00	63.24 5.02 0.00	99.55 8.22 0.00	119.41 9.98 0.00	98.34 8.34 0.00	77.78 6.50 0.00	79.75 6.33 0.00	92.38 6.77 0.00	89.00 6.07 0.00
W50THST__13_KV_LOAD 356117	102.87 7.12 0.00	113.38 7.41 0.00	114.59 6.67 0.00	84.44 4.87 0.00	96.72 5.87 0.00	85.18 5.66 0.00	89.32 6.26 0.00	92.67 6.85 0.00	127.17 9.68 0.00	134.53 10.46 0.00	153.67 11.42 0.00	226.22 16.20 0.00	126.65 9.46 0.00	56.70 4.51 0.00	54.58 4.17 0.00	52.42 4.06 0.00	63.53 5.31 0.00	100.00 8.68 0.00	119.95 10.51 0.00	98.77 8.77 0.00	78.13 6.85 0.00	80.10 6.67 0.00	92.75 7.14 0.00	89.34 6.41 0.00
WADING RIVER_IC_1 23522	104.07 8.31 0.00	115.53 9.56 0.00	117.09 9.17 0.00	86.73 7.16 0.00	99.96 9.11 0.00	88.31 8.79 0.00	92.74 9.69 0.00	96.09 10.28 0.00	129.10 11.62 0.00	136.12 12.05 0.00	154.58 12.33 0.00	222.84 14.17 1.36	127.28 10.10 0.00	57.55 5.36 0.00	55.56 5.16 0.00	53.43 5.07 0.00	65.24 7.02 0.00	101.21 9.88 0.00	121.20 11.77 0.00	102.24 12.09 -0.15	80.63 9.35 0.00	82.35 8.92 0.00	95.16 9.54 0.00	91.43 8.51 0.00
WADING RIVER_IC_2 23547	104.07 8.31 0.00	115.53 9.56 0.00	117.09 9.17 0.00	86.73 7.16 0.00	99.96 9.11 0.00	88.31 8.79 0.00	92.74 9.69 0.00	96.09 10.28 0.00	129.10 11.62 0.00	136.12 12.05 0.00	154.58 12.33 0.00	222.84 14.17 1.36	127.28 10.10 0.00	57.55 5.36 0.00	55.56 5.16 0.00	53.43 5.07 0.00	65.24 7.02 0.00	101.21 9.88 0.00	121.20 11.77 0.00	102.24 12.09 -0.15	80.63 9.35 0.00	82.35 8.92 0.00	95.16 9.54 0.00	91.43 8.51 0.00
WADING RIVER_IC_3 23601	104.07 8.31 0.00	115.53 9.56 0.00	117.09 9.17 0.00	86.73 7.16 0.00	99.96 9.11 0.00	88.31 8.79 0.00	92.74 9.69 0.00	96.09 10.28 0.00	129.10 11.62 0.00	136.12 12.05 0.00	154.58 12.33 0.00	222.84 14.17 1.36	127.28 10.10 0.00	57.55 5.36 0.00	55.56 5.16 0.00	53.43 5.07 0.00	65.24 7.02 0.00	101.21 9.88 0.00	121.20 11.77 0.00	102.24 12.09 -0.15	80.63 9.35 0.00	82.35 8.92 0.00	95.16 9.54 0.00	91.43 8.51 0.00
WALDENNY_12_KV_BK2 80841	91.20 -4.56 0.00	100.48 -5.49 0.00	103.06 -4.86 0.00	76.12 -3.46 0.00	86.52 -4.33 0.00	75.00 -4.52 0.00	77.62 -5.43 0.00	79.05 -6.77 0.00	107.06 -10.43 0.00	113.07 -11.00 0.00	130.56 -11.69 0.00	191.52 -18.49 0.00	105.84 -11.34 0.00	47.09 -5.11 0.00	45.44 -4.97 0.00	43.86 -4.51 0.00	52.75 -5.47 0.00	80.23 -8.41 2.68	86.46 -10.16 12.81	80.72 -9.10 0.19	63.90 -7.38 0.00	66.28 -7.15 0.00	77.75 -7.86 0.00	76.18 -6.74 0.00
WALDEN__HYDRO 24148	102.07 6.31 0.00	112.57 6.59 0.00	113.88 5.96 0.00	83.95 4.37 0.00	96.10 5.25 0.00	84.52 5.01 0.00	88.55 5.49 0.00	91.94 6.12 0.00	126.24 8.75 0.00	133.48 9.41 0.00	152.56 10.31 0.00	224.81 14.79 0.00	125.63 8.45 0.00	56.14 3.95 0.00	54.12 3.71 0.00	51.98 3.61 0.00	62.96 4.75 0.00	99.16 7.84 0.00	119.01 9.58 0.00	97.94 7.93 0.00	77.43 6.14 0.00	79.38 5.96 0.00	91.99 6.37 0.00	88.66 5.74 0.00
WARRENSBURG____ 23737	102.21 6.45 0.00	112.95 6.98 0.00	114.56 6.63 0.00	84.32 4.75 0.00	96.59 5.74 0.00	84.83 5.31 0.00	88.92 5.87 0.00	92.48 6.67 0.00	127.04 9.55 0.00	134.42 10.35 0.00	153.90 11.65 0.00	226.33 16.31 0.00	126.48 9.29 0.00	56.37 4.18 0.00	54.43 4.02 0.00	52.21 3.84 0.00	63.05 4.83 0.00	99.09 7.76 0.00	118.55 9.12 0.00	97.25 7.25 0.00	76.88 5.59 0.00	78.96 5.53 0.00	91.49 5.88 0.00	88.29 5.37 0.00
WATERSIDE____6 8 9 23538	102.42 6.66 0.00	113.00 7.03 0.00	114.30 6.38 0.00	84.28 4.70 -0.01	96.55 5.69 -0.01	85.00 5.49 -0.01	89.07 6.02 0.00	90.96 6.75 1.60	126.02 9.67 1.14	132.60 10.37 1.84	153.46 11.21 0.00	225.86 15.83 0.00	126.43 9.25 0.00	53.70 4.48 2.97	51.20 4.13 3.34	48.58 4.01 3.80	61.15 5.26 2.34	93.50 8.58 6.41	108.70 10.43 11.17	84.63 8.72 14.09	68.92 6.83 9.19	74.95 6.65 5.13	91.30 7.09 1.40	89.24 6.36 0.05
WATKINRD_115KV_LN8_ILLION 55919	97.85 2.09 0.00	108.29 2.32 0.00	109.86 1.94 0.00	80.95 1.37 0.00	92.60 1.75 0.00	81.25 1.73 0.00	85.01 1.96 0.00	88.13 2.32 0.00	120.85 3.36 0.00	127.73 3.66 0.00	146.09 3.84 0.00	214.97 4.95 0.00	119.91 2.73 0.00	53.50 1.30 0.00	51.58 1.17 0.00	49.43 1.06 0.00	59.67 1.45 0.00	93.64 2.31 0.00	112.26 2.83 0.00	92.37 2.37 0.00	73.15 1.87 0.00	75.14 1.72 0.00	87.46 1.84 0.00	84.53 1.61 0.00
WATSON__69_KV_BK 1 55734	105.07 9.31 0.00	115.92 9.95 0.00	117.60 9.68 0.00	87.06 7.48 0.00	99.78 8.93 0.00	88.05 8.53 0.00	92.38 9.33 0.00	95.91 10.09 0.00	130.26 12.78 0.00	137.05 12.98 0.00	155.44 13.19 0.00	225.70 16.96 1.28	128.89 11.70 0.00	58.23 6.04 0.00	56.20 5.79 0.00	54.04 5.67 0.00	65.65 7.43 0.00	102.72 11.40 0.00	123.13 13.69 0.00	102.38 12.22 -0.15	80.77 9.48 0.00	82.53 9.10 0.00	95.49 9.87 0.00	91.72 8.79 0.00
WDELAWARE__HYD 323627	101.15 5.39 0.00	111.42 5.44 0.00	112.67 4.75 0.00	83.08 3.51 0.00	95.14 4.29 0.00	83.66 4.15 0.00	87.63 4.58 0.00	91.12 5.31 0.00	125.19 7.70 0.00	132.47 8.40 0.00	151.52 9.27 0.00	223.17 13.15 0.00	124.64 7.45 0.00	55.67 3.48 0.00	53.64 3.23 0.00	51.56 3.19 0.00	62.51 4.29 0.00	98.61 7.28 0.00	118.31 8.88 0.00	97.31 7.30 0.00	76.89 5.61 0.00	78.76 5.34 0.00	91.21 5.59 0.00	87.80 4.88 0.00

WEST BABYLON___IC 23714	104.67 8.91 0.00	115.51 9.54 0.00	117.11 9.18 0.00	86.63 7.05 0.00	99.26 8.41 0.00	87.55 8.04 0.00	91.85 8.80 0.00	95.35 9.53 0.00	129.68 12.19 0.00	136.55 12.48 0.00	154.96 12.71 0.00	224.90 16.47 1.60	128.39 11.20 0.00	58.00 5.81 0.00	55.95 5.54 0.00	53.80 5.43 0.00	65.30 7.08 0.00	102.24 10.91 0.00	122.56 13.12 0.00	101.78 11.62 -0.15	80.29 9.01 0.00	82.09 8.66 0.00	95.05 9.43 0.00	91.32 8.40 0.00
WEST CANADA___HYD 24049	96.46 0.71 0.00	106.71 0.74 0.00	108.52 0.60 0.00	79.98 0.40 0.00	91.39 0.54 0.00	80.07 0.56 0.00	83.66 0.61 0.00	86.45 0.64 0.00	118.42 0.94 0.00	125.08 1.01 0.00	143.38 1.13 0.00	211.54 1.53 0.00	118.12 0.93 0.00	52.61 0.42 0.00	50.80 0.39 0.00	48.71 0.34 0.00	58.63 0.41 0.00	92.00 0.68 0.00	110.31 0.87 0.00	90.71 0.70 0.00	71.82 0.54 0.00	73.92 0.49 0.00	86.15 0.54 0.00	83.42 0.50 0.00
WESTERN_NY_WIND 24143	92.07 -3.69 0.00	101.47 -4.50 0.00	103.75 -4.17 0.00	76.76 -2.82 0.00	87.35 -3.50 0.00	75.83 -3.69 0.00	78.65 -4.40 0.00	80.34 -5.47 0.00	109.04 -8.44 0.00	115.24 -8.83 0.00	132.75 -9.50 0.00	194.60 -15.42 0.00	107.71 -9.48 0.00	47.92 -4.27 0.00	46.30 -4.11 0.00	44.81 -3.56 0.00	53.98 -4.24 0.00	83.63 -6.24 1.46	95.01 -7.47 6.95	82.81 -7.09 0.10	65.45 -5.83 0.00	67.85 -5.58 0.00	79.50 -6.12 0.00	77.67 -5.26 0.00
WESTOVER___LESR 323668	96.21 0.45 0.00	106.36 0.39 0.00	108.16 0.24 0.00	79.86 0.29 0.00	91.10 0.25 0.00	79.83 0.31 0.00	83.27 0.22 0.00	86.07 0.26 0.00	117.54 0.05 0.00	124.13 0.06 0.00	142.41 0.17 0.00	210.42 0.40 0.00	116.93 -0.26 0.00	52.00 -0.19 0.00	50.21 -0.20 0.00	48.31 -0.05 0.00	58.27 0.05 0.00	91.31 -0.01 0.00	109.65 0.21 0.00	90.08 0.08 0.00	71.12 -0.16 0.00	73.02 -0.40 0.00	85.00 -0.62 0.00	82.39 -0.53 0.00
WETHRSFD_WT_PWR 323626	91.82 -3.94 0.00	101.33 -4.65 0.00	103.73 -4.19 0.00	76.71 -2.86 0.00	87.19 -3.66 0.00	75.89 -3.62 0.00	78.71 -4.34 0.00	80.44 -5.37 0.00	108.95 -8.54 0.00	114.81 -9.26 0.00	132.08 -10.17 0.00	193.61 -16.41 0.00	106.76 -10.42 0.00	47.45 -4.74 0.00	45.77 -4.64 0.00	44.13 -4.24 0.00	53.10 -5.13 0.00	73.68 -8.18 9.46	54.60 -9.50 45.33	80.69 -8.65 0.66	64.53 -6.75 0.00	66.76 -6.66 0.00	78.25 -7.36 0.00	76.46 -6.46 0.00
WHAVSTOR_138KV_BK127 55557	100.80 5.04 0.00	111.21 5.24 0.00	112.46 4.54 0.00	82.86 3.29 0.00	94.91 4.06 0.00	83.56 4.05 0.00	87.59 4.54 0.00	90.90 5.08 0.00	124.74 7.25 0.00	131.84 7.76 0.00	150.54 8.29 0.00	221.64 11.62 0.00	124.05 6.87 0.00	55.49 3.30 0.00	53.43 3.02 0.00	51.30 2.93 0.00	62.17 3.95 0.00	97.88 6.55 0.00	117.43 8.00 0.00	96.73 6.72 0.00	76.50 5.22 0.00	78.42 4.99 0.00	90.88 5.26 0.00	87.62 4.70 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	100.80 5.04 0.00	111.21 5.24 0.00	112.46 4.54 0.00	82.86 3.29 0.00	94.91 4.06 0.00	83.56 4.05 0.00	87.59 4.54 0.00	90.90 5.08 0.00	124.74 7.25 0.00	131.84 7.76 0.00	150.54 8.29 0.00	221.64 11.62 0.00	124.05 6.87 0.00	55.49 3.30 0.00	53.43 3.02 0.00	51.30 2.93 0.00	62.17 3.95 0.00	97.88 6.55 0.00	117.43 8.00 0.00	96.73 6.72 0.00	76.50 5.22 0.00	78.42 4.99 0.00	90.88 5.26 0.00	87.62 4.70 0.00
WHITEHAL_115KV_TB1 80871	103.80 8.05 0.00	114.68 8.71 0.00	115.91 7.99 0.00	85.33 5.75 0.00	98.19 7.34 0.00	86.29 6.77 0.00	90.68 7.62 0.00	95.21 9.39 0.00	130.52 13.03 0.00	138.24 14.17 0.00	159.06 16.81 0.00	233.38 23.36 0.00	130.33 13.14 0.00	58.04 5.85 0.00	56.14 5.73 0.00	53.85 5.48 0.00	65.00 6.78 0.00	102.03 10.70 0.00	121.71 12.28 0.00	99.70 9.69 0.00	78.65 7.37 0.00	80.70 7.27 0.00	93.42 7.80 0.00	89.71 6.79 0.00
WHITEPLN_13_KV_LOAD 356215	102.88 7.13 0.00	113.43 7.45 0.00	114.74 6.82 0.00	84.55 4.97 0.00	96.78 5.93 0.00	85.21 5.70 0.00	89.38 6.32 0.00	92.79 6.97 0.00	127.35 9.87 0.00	134.67 10.59 0.00	153.86 11.61 0.00	226.50 16.48 0.00	126.76 9.58 0.00	56.70 4.50 0.00	54.60 4.19 0.00	52.44 4.08 0.00	63.57 5.35 0.00	100.06 8.73 0.00	120.06 10.62 0.00	98.85 8.84 0.00	78.19 6.91 0.00	80.15 6.72 0.00	92.85 7.23 0.00	89.44 6.52 0.00
WM_FLOYD_69_KV_BK2 356380	104.45 8.70 0.00	115.60 9.63 0.00	117.15 9.23 0.00	86.76 7.19 0.00	99.70 8.85 0.00	88.05 8.53 0.00	92.45 9.40 0.00	95.81 9.99 0.00	129.47 11.98 0.00	136.46 12.39 0.00	155.04 12.79 0.00	224.24 15.57 1.36	127.99 10.80 0.00	57.82 5.63 0.00	55.82 5.42 0.00	53.67 5.30 0.00	65.36 7.14 0.00	101.83 10.51 0.00	121.97 12.54 0.00	102.14 11.98 -0.15	80.56 9.28 0.00	82.28 8.86 0.00	95.09 9.47 0.00	91.37 8.45 0.00
WOODARD___115KV_TB2 355635	94.21 -1.55 0.00	104.15 -1.82 0.00	106.06 -1.86 0.00	78.22 -1.35 0.00	89.31 -1.54 0.00	78.20 -1.32 0.00	81.67 -1.38 0.00	84.43 -1.38 0.00	115.55 -1.94 0.00	122.07 -2.00 0.00	139.94 -2.31 0.00	206.36 -3.67 0.00	115.00 -2.19 0.00	51.22 -0.97 0.00	49.48 -0.93 0.00	47.57 -0.80 0.00	57.29 -0.93 0.00	89.97 -1.36 0.00	107.87 -1.56 0.00	88.55 -1.46 0.00	70.01 -1.27 0.00	72.02 -1.41 0.00	83.79 -1.83 0.00	81.15 -1.78 0.00
YORK___WARBASSE 23770	103.05 7.29 0.00	113.67 7.70 0.00	114.99 7.07 0.00	84.89 5.31 -0.01	97.24 6.39 -0.01	85.58 6.06 -0.01	89.46 6.40 0.00	100.88 7.19 -7.88	133.35 10.26 -5.60	144.09 10.98 -9.03	154.07 11.82 0.00	226.76 16.74 0.00	126.93 9.73 -0.01	71.53 4.76 -14.58	71.22 4.41 -16.40	71.29 4.27 -18.65	75.32 5.62 -11.47	131.98 9.19 -31.46	175.44 11.15 -54.86	168.50 9.31 -69.19	123.72 7.26 -45.17	105.74 7.10 -25.22	100.08 7.56 -6.90	89.96 6.79 -0.25