

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

01/18/2025

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	64.85	85.49	73.19	76.79	82.34	59.66	98.11	85.72	62.79	56.02	187.28	153.29	151.25	128.17	98.62	93.26	95.29	115.02	97.77	89.19	113.83	108.73	70.55	56.65
24138	4.12	4.64	3.68	3.98	4.36	3.44	6.04	4.33	3.78	4.12	9.99	12.74	11.97	10.34	7.33	5.08	7.99	5.13	6.65	4.72	8.67	8.14	5.12	3.88
	0.00	0.00	0.00	0.00	0.00	-3.33	-0.79	-16.75	-6.03	0.00	-57.72	0.00	-5.30	-0.05	-11.23	-33.16	-0.51	-54.82	-19.93	-32.71	0.00	0.00	-1.09	-2.49
74TH STREET_GT_1	65.01	85.75	73.41	77.05	82.59	59.84	98.36	85.92	62.92	56.15	187.55	153.60	151.47	128.38	98.78	93.37	95.49	115.14	97.91	89.30	114.03	108.94	70.71	56.80
24260	4.28	4.91	3.90	4.23	4.61	3.62	6.29	4.53	3.91	4.26	10.24	13.05	12.19	10.55	7.49	5.19	8.18	5.24	6.79	4.83	8.87	8.35	5.28	4.02
	0.00	0.00	0.00	0.00	0.00	-3.33	-0.79	-16.75	-6.03	0.00	-57.73	0.00	-5.30	-0.05	-11.23	-33.17	-0.51	-54.83	-19.93	-32.71	0.00	0.00	-1.09	-2.49
74TH STREET_GT_2	65.01	85.75	73.41	77.05	82.59	59.84	98.36	85.92	62.92	56.15	187.55	153.60	151.47	128.38	98.78	93.37	95.49	115.14	97.91	89.30	114.03	108.94	70.71	56.80
24261	4.28	4.91	3.90	4.23	4.61	3.62	6.29	4.53	3.91	4.26	10.24	13.05	12.19	10.55	7.49	5.19	8.18	5.24	6.79	4.83	8.87	8.35	5.28	4.02
	0.00	0.00	0.00	0.00	0.00	-3.33	-0.79	-16.75	-6.03	0.00	-57.73	0.00	-5.30	-0.05	-11.23	-33.17	-0.51	-54.83	-19.93	-32.71	0.00	0.00	-1.09	-2.49
ADK HUDSON___FALLS	63.83	84.63	72.51	76.27	81.70	59.89	103.75	229.75	114.28	55.16	682.83	149.41	175.39	127.57	110.77	147.51	95.42	129.34	102.77	97.48	113.88	108.82	70.84	57.43
24011	3.11	3.79	3.01	3.45	3.72	2.68	4.87	4.00	3.28	3.26	7.37	8.87	10.59	9.73	7.11	4.90	7.97	5.23	6.48	4.52	8.73	8.23	5.13	4.01
	0.00	0.00	0.00	0.00	0.00	-4.32	-7.62	-161.11	-58.01	0.00	-555.89	0.00	-30.82	-0.06	-23.60	-87.58	-0.64	-69.03	-25.09	-41.19	0.00	0.00	-1.38	-3.14
ADK RESOURCE___RCVRY	63.91	84.72	72.55	76.34	81.82	59.95	103.99	230.79	114.84	55.38	685.71	149.72	176.05	128.27	111.41	148.13	96.08	129.85	103.27	97.83	114.47	109.40	71.24	57.75
23798	3.18	3.88	3.04	3.52	3.85	2.73	5.06	4.30	3.57	3.48	7.69	9.17	11.12	10.43	7.69	5.26	8.64	5.69	6.97	4.85	9.31	8.81	5.53	4.33
	0.00	0.00	0.00	0.00	0.00	-4.33	-7.65	-161.85	-58.28	0.00	-558.45	0.00	-30.95	-0.06	-23.66	-87.85	-0.64	-69.08	-25.11	-41.22	0.00	0.00	-1.38	-3.14
ADK S GLENS___FALLS	63.83	84.63	72.51	76.27	81.70	59.89	103.75	229.75	114.28	55.16	682.83	149.41	175.39	127.57	110.77	147.51	95.42	129.34	102.77	97.48	113.88	108.82	70.84	57.43
24028	3.11	3.79	3.01	3.45	3.72	2.68	4.87	4.00	3.28	3.26	7.37	8.87	10.59	9.73	7.11	4.90	7.97	5.23	6.48	4.52	8.73	8.23	5.13	4.01
	0.00	0.00	0.00	0.00	0.00	-4.32	-7.62	-161.11	-58.01	0.00	-555.89	0.00	-30.82	-0.06	-23.60	-87.58	-0.64	-69.03	-25.09	-41.19	0.00	0.00	-1.38	-3.14
ADK_NYS___DAM	65.33	86.58	74.12	77.95	83.41	60.90	103.81	195.13	102.26	56.17	561.95	151.96	168.95	127.10	107.40	134.01	94.23	125.98	100.89	95.52	112.97	108.08	70.44	57.06
23527	4.60	5.73	4.62	5.13	5.44	3.85	6.61	5.19	4.15	4.28	9.91	11.41	10.40	9.26	6.60	4.29	6.81	4.34	5.50	4.04	7.81	7.48	4.78	3.75
	0.00	0.00	0.00	0.00	0.00	-4.16	-5.92	-125.30	-45.13	0.00	-432.47	0.00	-24.56	-0.06	-20.75	-74.70	-0.62	-66.57	-24.20	-39.72	0.00	0.00	-1.33	-3.03
AIR_PRODUCTS___DRP	63.07	83.67	71.77	75.48	80.79	59.12	98.86	156.54	87.17	54.04	433.37	146.91	158.30	123.07	101.79	120.29	90.34	123.81	98.05	93.50	108.94	104.34	68.07	55.43
24190	2.34	2.83	2.27	2.66	2.82	2.04	3.36	2.47	1.98	2.15	5.16	6.37	5.91	5.23	3.34	2.05	2.92	1.94	2.58	1.89	3.79	3.75	2.40	2.11
	0.00	0.00	0.00	0.00	0.00	-4.19	-4.23	-89.44	-32.21	0.00	-308.64	0.00	-18.40	-0.06	-18.39	-63.23	-0.62	-66.79	-24.28	-39.85	0.00	0.00	-1.33	-3.04
AKWESSNE_115KV_BK	60.42	80.94	69.91	72.86	77.98	52.51	90.76	64.42	52.77	51.31	118.69	138.23	131.60	115.84	78.43	53.46	84.27	53.29	68.99	50.48	103.27	99.01	63.53	49.61
355683	-0.31	0.09	0.41	0.04	0.00	-0.38	-0.52	-0.21	-0.22	-0.59	-0.88	-2.32	-2.39	-1.94	-1.63	-1.56	-2.53	-1.78	-2.20	-1.28	-1.89	-1.58	-0.81	-0.67
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	63.75	84.64	72.65	76.39	81.78	59.68	98.81	132.53	78.78	54.47	349.08	147.48	154.93	124.32	100.78	112.47	91.77	123.51	98.71	93.52	110.33	105.56	68.78	55.85
323833	3.03	3.79	3.15	3.57	3.81	2.68	4.47	3.04	2.44	2.57	5.72	6.93	6.82	6.48	4.19	2.80	4.36	2.82	3.66	2.61	5.17	4.97	3.13	2.59
	0.00	0.00	0.00	0.00	0.00	-4.11	-3.07	-64.85	-23.35	0.00	-223.79	0.00	-14.12	-0.06	-16.53	-54.65	-0.61	-65.62	-23.85	-39.15	0.00	0.00	-1.31	-2.98
ALBANY_2_SOLAR	63.73	84.61	72.61	76.36	81.77	59.66	98.75	132.48	78.75	54.45	348.91	147.44	154.88	124.28	100.75	112.46	91.75	123.51	98.69	93.52	110.28	105.54	68.77	55.84
323834	3.01	3.77	3.10	3.54	3.80	2.66	4.41	3.03	2.42	2.55	5.69	6.90	6.77	6.44	4.17	2.80	4.34	2.80	3.64	2.60	5.12	4.95	3.13	2.57
	0.00	0.00	0.00	0.00	0.00	-4.11	-3.06	-64.81	-23.34	0.00	-223.65	0.00	-14.12	-0.06	-16.53	-54.64	-0.61	-65.63	-23.86	-39.15	0.00	0.00	-1.31	-2.98
ALBANY___1	63.07	83.67	71.77	75.48	80.79	59.12	98.86	156.54	87.17	54.04	433.37	146.91	158.30	123.07	101.79	120.29	90.34	123.81	98.05	93.50	108.94	104.34	68.07	55.43
23571	2.34	2.83	2.27	2.66	2.82	2.04	3.36	2.47	1.98	2.15	5.16	6.37	5.91	5.23	3.34	2.05	2.92	1.94	2.58	1.89	3.79	3.75	2.40	2.11
	0.00	0.00	0.00	0.00	0.00	-4.19	-4.23	-89.44	-32.21	0.00	-308.64	0.00	-18.40	-0.06	-18.39	-63.23	-0.62	-66.79	-24.28	-39.85	0.00	0.00	-1.33	-3.04

ALBANY___2 23572	63.07 2.34 0.00	83.67 2.83 0.00	71.77 2.27 0.00	75.48 2.66 0.00	80.79 2.82 0.00	59.12 2.04 -4.19	98.86 3.36 -4.23	156.54 2.47 -89.44	87.17 1.98 -32.21	54.04 2.15 0.00	433.37 5.16 -308.64	146.91 6.37 0.00	158.30 5.91 -18.40	123.07 5.23 -0.06	101.79 3.34 -18.39	120.29 2.05 -63.23	90.34 2.92 -0.62	123.81 1.94 -66.79	98.05 2.58 -24.28	93.50 1.89 -39.85	108.94 3.79 0.00	104.34 3.75 0.00	68.07 2.40 -1.33	55.43 2.11 -3.04
ALBANY___3 23573	63.07 2.34 0.00	83.67 2.83 0.00	71.77 2.27 0.00	75.48 2.66 0.00	80.79 2.82 0.00	59.12 2.04 -4.19	98.86 3.36 -4.23	156.54 2.47 -89.44	87.17 1.98 -32.21	54.04 2.15 0.00	433.37 5.16 -308.64	146.91 6.37 0.00	158.30 5.91 -18.40	123.07 5.23 -0.06	101.79 3.34 -18.39	120.29 2.05 -63.23	90.34 2.92 -0.62	123.81 1.94 -66.79	98.05 2.58 -24.28	93.50 1.89 -39.85	108.94 3.79 0.00	104.34 3.75 0.00	68.07 2.40 -1.33	55.43 2.11 -3.04
ALBANY___4 23574	63.07 2.34 0.00	83.67 2.83 0.00	71.77 2.27 0.00	75.48 2.66 0.00	80.79 2.82 0.00	59.12 2.04 -4.19	98.86 3.36 -4.23	156.54 2.47 -89.44	87.17 1.98 -32.21	54.04 2.15 0.00	433.37 5.16 -308.64	146.91 6.37 0.00	158.30 5.91 -18.40	123.07 5.23 -0.06	101.79 3.34 -18.39	120.29 2.05 -63.23	90.34 2.92 -0.62	123.81 1.94 -66.79	98.05 2.58 -24.28	93.50 1.89 -39.85	108.94 3.79 0.00	104.34 3.75 0.00	68.07 2.40 -1.33	55.43 2.11 -3.04
ALBANY___LFGE 323615	63.52 2.79 0.00	84.27 3.43 0.00	72.26 2.76 0.00	76.00 3.18 0.00	81.35 3.38 0.00	59.56 2.44 -4.22	100.69 4.08 -5.33	180.54 3.05 -112.85	96.10 2.48 -40.64	54.54 2.64 0.00	515.31 6.33 -389.41	148.25 7.71 0.00	163.63 7.19 -22.45	124.20 6.35 -0.06	104.31 4.18 -20.07	128.79 2.65 -71.12	91.34 3.91 -0.63	125.07 2.56 -67.43	99.06 3.35 -24.51	94.43 2.43 -40.23	110.00 4.85 0.00	105.30 4.70 0.00	68.66 2.98 -1.34	55.86 2.51 -3.07
ALCOA_PA_115KV_PL-6C 55860	60.58 -0.14 0.00	81.19 0.35 0.00	70.12 0.62 0.00	73.05 0.23 0.00	78.15 0.18 0.00	52.56 -0.33 0.00	90.71 -0.57 0.00	64.63 -0.01 0.00	52.86 -0.12 0.00	51.22 -0.68 0.00	119.10 -0.47 0.00	137.96 -2.59 0.00	131.33 -2.65 0.00	116.06 -1.72 0.00	78.58 -1.47 0.00	53.34 -1.68 0.00	84.27 -2.53 0.00	53.12 -1.96 0.00	68.90 -2.29 0.00	50.42 -1.34 0.00	103.17 -1.98 0.00	99.22 -1.37 0.00	63.71 -0.62 0.00	49.78 -0.50 0.00
ALCOA_RYNLDS___DRP 24188	60.58 -0.14 0.00	81.19 0.35 0.00	70.12 0.62 0.00	73.05 0.23 0.00	78.15 0.18 0.00	52.56 -0.33 0.00	90.71 -0.57 0.00	64.63 -0.01 0.00	52.86 -0.12 0.00	51.22 -0.68 0.00	119.10 -0.47 0.00	137.96 -2.59 0.00	131.33 -2.65 0.00	116.06 -1.72 0.00	78.58 -1.47 0.00	53.34 -1.68 0.00	84.27 -2.53 0.00	53.12 -1.96 0.00	68.90 -2.29 0.00	50.42 -1.34 0.00	103.17 -1.98 0.00	99.22 -1.37 0.00	63.71 -0.62 0.00	49.78 -0.50 0.00
ALCOA___DSASP 323711	60.58 -0.14 0.00	81.19 0.35 0.00	70.12 0.62 0.00	73.05 0.24 0.00	78.16 0.19 0.00	52.57 -0.32 0.00	90.71 -0.57 0.00	64.63 -0.01 0.00	52.86 -0.12 0.00	51.22 -0.68 0.00	119.10 -0.47 0.00	137.94 -2.60 0.00	131.30 -2.69 0.00	116.06 -1.72 0.00	78.58 -1.47 0.00	53.34 -1.68 0.00	84.27 -2.53 0.00	53.13 -1.95 0.00	68.90 -2.29 0.00	50.43 -1.34 0.00	103.17 -1.98 0.00	99.22 -1.37 0.00	63.72 -0.62 0.00	49.78 -0.50 0.00
ALLEGHENY___COGEN 23514	52.80 -1.40 6.52	77.22 -2.24 1.39	64.76 -2.26 2.48	59.77 -2.19 10.86	72.39 -2.42 3.16	50.56 -1.46 0.87	91.80 -2.78 -3.30	74.04 -1.38 -10.78	59.82 -0.84 -7.68	70.13 -0.51 -18.75	157.81 -2.54 -40.78	201.20 -2.48 -63.14	177.30 -3.57 -46.88	116.74 -3.16 -2.13	85.51 -1.43 -6.88	61.04 0.22 -5.80	88.19 1.30 -0.09	66.73 1.94 -9.71	76.78 2.06 -3.53	58.19 0.63 -5.79	108.32 0.62 -2.54	100.85 0.26 0.00	64.61 0.08 -0.19	51.20 0.48 -0.44
ALTAMONT_115KV_TB 2 55880	62.97 2.25 0.00	83.59 2.75 0.00	71.71 2.21 0.00	75.43 2.61 0.00	80.74 2.77 0.00	59.11 2.03 -4.19	97.78 3.41 -3.09	132.34 2.28 -65.42	78.39 1.84 -23.56	53.87 1.97 0.00	349.99 4.67 -225.75	146.37 5.83 0.00	153.91 5.64 -14.28	123.02 5.18 -0.06	100.32 3.49 -16.78	112.85 2.39 -55.44	91.17 3.74 -0.62	124.22 2.43 -66.71	98.58 3.14 -24.25	93.79 2.23 -39.80	109.47 4.31 0.00	104.78 4.19 0.00	68.32 2.66 -1.33	55.44 2.13 -3.03
ALTONA_WT_PWR 323606	60.63 -0.10 0.00	81.04 0.19 0.00	69.66 0.16 0.00	72.56 -0.26 0.00	77.90 -0.07 0.00	51.88 -1.01 0.00	89.23 -2.05 0.00	63.16 -1.47 0.00	51.77 -1.22 0.00	50.58 -1.32 0.00	117.28 -2.29 0.00	137.43 -3.12 0.00	130.21 -3.78 0.00	114.52 -3.26 0.00	77.87 -2.19 0.00	53.47 -1.55 0.00	84.29 -2.51 0.00	53.49 -1.59 0.00	69.28 -1.91 0.00	50.65 -1.11 0.00	103.44 -1.71 0.00	98.92 -1.67 0.00	63.53 -0.80 0.00	49.55 -0.74 0.00
AMERICAN_REF_FUEL 24010	50.65 -6.01 4.07	64.51 -8.04 8.29	60.54 -7.43 1.53	58.64 -7.51 6.67	67.70 -8.32 1.94	46.96 -5.57 0.37	75.36 -10.43 5.48	53.71 -7.28 3.66	45.03 -6.14 1.81	41.91 -5.56 4.43	86.87 -13.88 18.82	110.62 -15.02 14.91	108.94 -14.81 10.24	103.49 -13.79 0.49	71.71 -8.99 -0.65	54.38 -5.80 -5.16	78.64 -8.24 -0.08	59.11 -4.66 -8.69	68.16 -6.19 -3.16	51.40 -5.55 -5.19	92.83 -11.73 0.60	89.21 -11.38 0.00	57.93 -6.58 -0.17	46.39 -4.29 -0.40
ARKWRIGHT___SUMMIT_WT_PWR 323751	48.37 -7.31 5.05	61.01 -9.96 9.87	58.90 -8.71 1.89	55.59 -8.95 8.28	65.75 -9.81 2.41	46.04 -6.33 0.52	73.56 -11.33 6.39	53.66 -7.01 3.96	45.35 -5.74 1.89	41.97 -5.33 4.60	85.39 -13.27 20.91	110.65 -14.39 15.50	110.09 -13.30 10.60	106.41 -10.85 0.51	74.05 -6.82 -0.81	56.44 -4.36 -5.78	82.13 -4.77 -0.09	62.45 -2.33 -9.69	70.90 -3.82 -3.53	54.06 -3.48 -5.78	96.57 -7.96 0.62	93.43 -7.16 0.00	60.61 -3.92 -0.19	48.29 -2.44 -0.44
ARTHUR KILL_GT_1 23520	144.18 4.26 -79.19	85.40 4.56 0.00	73.14 3.63 0.00	76.64 3.82 0.00	82.03 4.06 0.00	61.13 3.38 -4.86	99.91 5.88 -2.76	85.61 4.22 -16.75	65.74 3.64 -9.12	71.38 4.10 -15.39	186.47 9.17 -57.73	327.65 12.27 -174.84	369.17 11.58 -223.61	368.66 9.95 -240.93	363.28 7.28 -275.94	353.11 5.05 -293.05	325.61 7.95 -230.86	121.17 5.01 -61.09	119.19 6.68 -41.32	118.60 4.81 -62.02	113.69 8.54 0.00	108.63 8.04 0.00	74.28 5.14 -4.80	79.04 4.11 -24.65
ARTHUR_KILL_2 23512	144.00 4.08 -79.19	85.18 4.33 0.00	72.93 3.43 0.00	76.43 3.61 0.00	81.82 3.84 0.00	60.98 3.22 -4.86	99.64 5.61 -2.76	85.41 4.02 -16.75	65.58 3.48 -9.12	71.22 3.94 -15.39	186.11 8.81 -57.73	327.25 11.86 -174.84	368.77 11.18 -223.61	368.29 9.57 -240.93	363.03 7.03 -275.94	352.93 4.86 -293.05	325.33 7.67 -230.86	120.97 4.81 -61.09	118.96 6.45 -41.32	118.44 4.66 -62.02	113.35 8.19 0.00	108.30 7.71 0.00	74.08 4.94 -4.80	78.90 3.96 -24.65
ARTHUR_KILL_3 23513	147.47 3.44 -83.30	84.61 3.77 0.00	72.41 2.91 0.00	72.73 3.16 3.26	73.81 3.48 7.65	60.72 2.89 -4.94	99.14 5.01 -2.86	84.98 3.59 -16.75	65.44 3.18 -9.27	71.55 3.47 -16.19	127.56 8.45 0.45	335.10 10.89 -183.67	376.83 10.13 -232.71	378.05 8.76 -251.51	376.03 6.28 -289.69	365.93 4.38 -306.54	336.45 6.83 -242.82	120.89 4.41 -61.41	119.33 5.71 -42.43	119.35 4.05 -63.54	112.43 7.28 0.00	107.43 6.84 0.00	73.67 4.37 -4.96	79.21 3.30 -25.63

ARTHUR_KILL_COGEN 323718	144.18 4.26 -79.19	85.40 4.56 0.00	73.14 3.63 0.00	76.64 3.82 0.00	82.03 4.06 0.00	61.13 3.38 -4.86	99.91 5.88 -2.76	85.61 4.22 -16.75	65.74 3.64 -9.12	71.38 4.10 -15.39	186.47 9.17 -57.73	327.65 12.27 -174.84	369.17 11.58 -223.61	368.66 9.95 -240.93	363.28 7.28 -275.94	353.11 5.05 -293.05	325.61 7.95 -230.86	121.17 5.01 -61.09	119.19 6.68 -41.32	118.60 4.81 -62.02	113.69 8.54 0.00	108.63 8.04 0.00	74.28 5.14 -4.80	79.04 4.11 -24.65
ASHOKAN____ 23654	65.23 4.51 0.00	86.29 5.45 0.00	73.93 4.43 0.00	77.71 4.89 0.00	83.27 5.30 0.00	60.48 3.79 -3.79	100.48 6.83 -2.38	119.37 4.45 -50.29	75.07 3.98 -18.11	56.20 4.30 0.00	302.55 9.46 -173.52	152.63 12.09 0.00	156.93 11.55 -11.39	127.74 9.91 -0.06	101.61 6.85 -14.71	107.36 4.81 -47.52	95.65 8.28 -0.57	121.32 5.02 -61.22	100.20 6.75 -22.25	92.77 4.48 -36.52	114.31 9.15 0.00	109.06 8.46 0.00	70.77 5.22 -1.22	56.94 3.87 -2.78
ASTORIA_EAST_ENERGY_CC1 323581	64.48 3.76 0.00	85.16 4.32 0.00	72.94 3.44 0.00	76.68 3.86 0.00	82.07 4.09 0.00	59.47 3.25 -3.33	97.66 5.60 -0.79	85.48 4.09 -16.75	62.54 3.53 -6.03	55.70 3.81 0.00	186.66 9.36 -57.73	152.52 11.97 0.00	150.47 11.18 -5.30	127.56 9.73 -0.05	98.40 7.11 -11.23	92.94 4.76 -33.17	94.76 7.45 -0.51	114.71 4.81 -54.83	97.38 6.26 -19.93	88.90 4.43 -32.71	113.21 8.05 0.00	108.20 7.60 0.00	70.23 4.80 -1.09	56.41 3.63 -2.49
ASTORIA_EAST_ENERGY_CC2 323582	64.48 3.76 0.00	85.16 4.32 0.00	72.94 3.44 0.00	76.68 3.86 0.00	82.07 4.10 0.00	59.47 3.25 -3.33	97.66 5.60 -0.79	85.48 4.09 -16.75	62.54 3.53 -6.03	55.70 3.81 0.00	186.66 9.36 -57.73	152.52 11.97 0.00	150.47 11.18 -5.30	127.56 9.73 -0.05	98.40 7.11 -11.23	92.94 4.76 -33.17	94.76 7.45 -0.51	114.71 4.81 -54.83	97.38 6.26 -19.93	88.90 4.43 -32.71	113.21 8.05 0.00	108.20 7.60 0.00	70.23 4.80 -1.09	56.41 3.63 -2.49
ASTORIA_GT2_1 24094	64.52 3.79 0.00	85.21 4.37 0.00	72.97 3.47 0.00	76.72 3.90 0.00	82.13 4.16 0.00	59.49 3.27 -3.33	97.72 5.66 -0.79	85.51 4.12 -16.75	62.56 3.55 -6.03	55.74 3.84 0.00	186.75 9.45 -57.73	152.60 12.06 0.00	150.56 11.28 -5.30	127.61 9.78 -0.05	98.44 7.15 -11.23	92.96 4.78 -33.17	94.83 7.52 -0.51	114.73 4.83 -54.83	97.43 6.31 -19.93	88.93 4.46 -32.71	113.26 8.11 0.00	108.24 7.65 0.00	70.28 4.85 -1.09	56.45 3.68 -2.49
ASTORIA_GT2_2 24095	64.52 3.79 0.00	85.21 4.37 0.00	72.97 3.47 0.00	76.72 3.90 0.00	82.13 4.16 0.00	59.49 3.27 -3.33	97.72 5.66 -0.79	85.51 4.12 -16.75	62.56 3.55 -6.03	55.74 3.84 0.00	186.75 9.45 -57.73	152.60 12.06 0.00	150.56 11.28 -5.30	127.61 9.78 -0.05	98.44 7.15 -11.23	92.96 4.78 -33.17	94.83 7.52 -0.51	114.73 4.83 -54.83	97.43 6.31 -19.93	88.93 4.46 -32.71	113.26 8.11 0.00	108.24 7.65 0.00	70.28 4.85 -1.09	56.45 3.68 -2.49
ASTORIA_GT2_3 24096	64.52 3.79 0.00	85.21 4.37 0.00	72.97 3.47 0.00	76.72 3.90 0.00	82.13 4.16 0.00	59.49 3.27 -3.33	97.72 5.66 -0.79	85.51 4.12 -16.75	62.56 3.55 -6.03	55.74 3.84 0.00	186.75 9.45 -57.73	152.60 12.06 0.00	150.56 11.28 -5.30	127.61 9.78 -0.05	98.44 7.15 -11.23	92.96 4.78 -33.17	94.83 7.52 -0.51	114.73 4.83 -54.83	97.43 6.31 -19.93	88.93 4.46 -32.71	113.26 8.11 0.00	108.24 7.65 0.00	70.28 4.85 -1.09	56.45 3.68 -2.49
ASTORIA_GT2_4 24097	64.52 3.79 0.00	85.21 4.37 0.00	72.97 3.47 0.00	76.72 3.90 0.00	82.13 4.16 0.00	59.49 3.27 -3.33	97.72 5.66 -0.79	85.51 4.12 -16.75	62.56 3.55 -6.03	55.74 3.84 0.00	186.75 9.45 -57.73	152.60 12.06 0.00	150.56 11.28 -5.30	127.61 9.78 -0.05	98.44 7.15 -11.23	92.96 4.78 -33.17	94.83 7.52 -0.51	114.73 4.83 -54.83	97.43 6.31 -19.93	88.93 4.46 -32.71	113.26 8.11 0.00	108.24 7.65 0.00	70.28 4.85 -1.09	56.45 3.68 -2.49
ASTORIA_GT3_1 24098	64.52 3.79 0.00	85.21 4.37 0.00	72.97 3.47 0.00	76.72 3.90 0.00	82.13 4.16 0.00	59.49 3.27 -3.33	97.72 5.66 -0.79	85.51 4.12 -16.75	62.56 3.55 -6.03	55.74 3.84 0.00	186.75 9.45 -57.73	152.60 12.06 0.00	150.56 11.28 -5.30	127.61 9.78 -0.05	98.44 7.15 -11.23	92.96 4.78 -33.17	94.83 7.52 -0.51	114.73 4.83 -54.83	97.43 6.31 -19.93	88.93 4.46 -32.71	113.26 8.11 0.00	108.24 7.65 0.00	70.28 4.85 -1.09	56.45 3.68 -2.49
ASTORIA_GT3_2 24099	64.52 3.79 0.00	85.21 4.37 0.00	72.97 3.47 0.00	76.72 3.90 0.00	82.13 4.16 0.00	59.49 3.27 -3.33	97.72 5.66 -0.79	85.51 4.12 -16.75	62.56 3.55 -6.03	55.74 3.84 0.00	186.75 9.45 -57.73	152.60 12.06 0.00	150.56 11.28 -5.30	127.61 9.78 -0.05	98.44 7.15 -11.23	92.96 4.78 -33.17	94.83 7.52 -0.51	114.73 4.83 -54.83	97.43 6.31 -19.93	88.93 4.46 -32.71	113.26 8.11 0.00	108.24 7.65 0.00	70.28 4.85 -1.09	56.45 3.68 -2.49
ASTORIA_GT3_3 24100	64.52 3.79 0.00	85.21 4.37 0.00	72.97 3.47 0.00	76.72 3.90 0.00	82.13 4.16 0.00	59.49 3.27 -3.33	97.72 5.66 -0.79	85.51 4.12 -16.75	62.56 3.55 -6.03	55.74 3.84 0.00	186.75 9.45 -57.73	152.60 12.06 0.00	150.56 11.28 -5.30	127.61 9.78 -0.05	98.44 7.15 -11.23	92.96 4.78 -33.17	94.83 7.52 -0.51	114.73 4.83 -54.83	97.43 6.31 -19.93	88.93 4.46 -32.71	113.26 8.11 0.00	108.24 7.65 0.00	70.28 4.85 -1.09	56.45 3.68 -2.49
ASTORIA_GT3_4 24101	64.52 3.79 0.00	85.21 4.37 0.00	72.97 3.47 0.00	76.72 3.90 0.00	82.13 4.16 0.00	59.49 3.27 -3.33	97.72 5.66 -0.79	85.51 4.12 -16.75	62.56 3.55 -6.03	55.74 3.84 0.00	186.75 9.45 -57.73	152.60 12.06 0.00	150.56 11.28 -5.30	127.61 9.78 -0.05	98.44 7.15 -11.23	92.96 4.78 -33.17	94.83 7.52 -0.51	114.73 4.83 -54.83	97.43 6.31 -19.93	88.93 4.46 -32.71	113.26 8.11 0.00	108.24 7.65 0.00	70.28 4.85 -1.09	56.45 3.68 -2.49
ASTORIA_GT4_1 24102	64.52 3.79 0.00	85.21 4.37 0.00	72.97 3.47 0.00	76.72 3.90 0.00	82.13 4.16 0.00	59.49 3.27 -3.33	97.72 5.66 -0.79	85.51 4.12 -16.75	62.56 3.55 -6.03	55.74 3.84 0.00	186.75 9.45 -57.73	152.60 12.06 0.00	150.56 11.28 -5.30	127.61 9.78 -0.05	98.44 7.15 -11.23	92.96 4.78 -33.17	94.83 7.52 -0.51	114.73 4.83 -54.83	97.43 6.31 -19.93	88.93 4.46 -32.71	113.26 8.11 0.00	108.24 7.65 0.00	70.28 4.85 -1.09	56.45 3.68 -2.49
ASTORIA_GT4_2 24103	64.52 3.79 0.00	85.21 4.37 0.00	72.97 3.47 0.00	76.72 3.90 0.00	82.13 4.16 0.00	59.49 3.27 -3.33	97.72 5.66 -0.79	85.51 4.12 -16.75	62.56 3.55 -6.03	55.74 3.84 0.00	186.75 9.45 -57.73	152.60 12.06 0.00	150.56 11.28 -5.30	127.61 9.78 -0.05	98.44 7.15 -11.23	92.96 4.78 -33.17	94.83 7.52 -0.51	114.73 4.83 -54.83	97.43 6.31 -19.93	88.93 4.46 -32.71	113.26 8.11 0.00	108.24 7.65 0.00	70.28 4.85 -1.09	56.45 3.68 -2.49
ASTORIA_GT4_3 24104	64.52 3.79 0.00	85.21 4.37 0.00	72.97 3.47 0.00	76.72 3.90 0.00	82.13 4.16 0.00	59.49 3.27 -3.33	97.72 5.66 -0.79	85.51 4.12 -16.75	62.56 3.55 -6.03	55.74 3.84 0.00	186.75 9.45 -57.73	152.60 12.06 0.00	150.56 11.28 -5.30	127.61 9.78 -0.05	98.44 7.15 -11.23	92.96 4.78 -33.17	94.83 7.52 -0.51	114.73 4.83 -54.83	97.43 6.31 -19.93	88.93 4.46 -32.71	113.26 8.11 0.00	108.24 7.65 0.00	70.28 4.85 -1.09	56.45 3.68 -2.49

ASTORIA_GT4_4 24105	64.52 3.79 0.00	85.21 4.37 0.00	72.97 3.47 0.00	76.72 3.90 0.00	82.13 4.16 0.00	59.49 3.27 -3.33	97.72 5.66 -0.79	85.51 4.12 -16.75	62.56 3.55 -6.03	55.74 3.84 0.00	186.75 9.45 -57.73	152.60 12.06 0.00	150.56 11.28 -5.30	127.61 9.78 -0.05	98.44 7.15 -11.23	92.96 4.78 -33.17	94.83 7.52 -0.51	114.73 4.83 -54.83	97.43 6.31 -19.93	88.93 4.46 -32.71	113.26 8.11 0.00	108.24 7.65 0.00	70.28 4.85 -1.09	56.45 3.68 -2.49
ASTORIA_GT_1 23523	64.64 3.92 0.00	85.36 4.52 0.00	73.11 3.61 0.00	76.83 4.01 0.00	82.25 4.28 0.00	59.60 3.38 -3.33	97.89 5.82 -0.79	85.64 4.25 -16.75	62.65 3.64 -6.03	55.84 3.95 0.00	186.98 9.68 -57.73	152.85 12.30 0.00	150.86 11.58 -5.30	127.86 10.03 -0.05	98.60 7.31 -11.23	93.07 4.89 -33.17	95.02 7.70 -0.51	114.85 4.95 -54.83	97.58 6.46 -19.93	89.04 4.57 -32.71	113.50 8.34 0.00	108.43 7.84 0.00	70.39 4.96 -1.09	56.55 3.78 -2.49
ASTORIA_GT_10 24110	64.67 3.94 0.00	85.28 4.43 0.00	73.02 3.52 0.00	76.66 3.84 0.00	82.12 4.15 0.00	59.53 3.31 -3.33	97.83 5.77 -0.79	85.56 4.17 -16.75	62.63 3.62 -6.03	55.85 3.95 0.00	186.88 9.58 -57.73	152.86 12.31 0.00	150.82 11.53 -5.30	127.81 9.98 -0.05	98.42 7.13 -11.23	93.08 4.89 -33.17	95.05 7.73 -0.51	114.84 4.93 -54.83	97.57 6.45 -19.93	89.03 4.56 -32.71	113.46 8.30 0.00	108.38 7.79 0.00	70.32 4.89 -1.09	56.51 3.73 -2.49
ASTORIA_GT_11 24225	64.67 3.94 0.00	85.28 4.43 0.00	73.02 3.52 0.00	76.66 3.84 0.00	82.12 4.15 0.00	59.53 3.31 -3.33	97.83 5.77 -0.79	85.56 4.17 -16.75	62.63 3.62 -6.03	55.85 3.95 0.00	186.88 9.58 -57.73	152.86 12.31 0.00	150.82 11.53 -5.30	127.81 9.98 -0.05	98.42 7.13 -11.23	93.08 4.89 -33.17	95.05 7.73 -0.51	114.84 4.93 -54.83	97.57 6.45 -19.93	89.03 4.56 -32.71	113.46 8.30 0.00	108.38 7.79 0.00	70.32 4.89 -1.09	56.51 3.73 -2.49
ASTORIA_GT_12 24226	64.67 3.94 0.00	85.28 4.43 0.00	73.02 3.52 0.00	76.66 3.84 0.00	82.12 4.15 0.00	59.53 3.31 -3.33	97.83 5.77 -0.79	85.56 4.17 -16.75	62.63 3.62 -6.03	55.85 3.95 0.00	186.88 9.58 -57.73	152.86 12.31 0.00	150.82 11.53 -5.30	127.81 9.98 -0.05	98.42 7.13 -11.23	93.08 4.89 -33.17	95.05 7.73 -0.51	114.84 4.93 -54.83	97.57 6.45 -19.93	89.03 4.56 -32.71	113.46 8.30 0.00	108.38 7.79 0.00	70.32 4.89 -1.09	56.51 3.73 -2.49
ASTORIA_GT_13 24227	64.67 3.94 0.00	85.28 4.43 0.00	73.02 3.52 0.00	76.66 3.84 0.00	82.12 4.15 0.00	59.53 3.31 -3.33	97.83 5.77 -0.79	85.56 4.17 -16.75	62.63 3.62 -6.03	55.85 3.95 0.00	186.88 9.58 -57.73	152.86 12.31 0.00	150.82 11.53 -5.30	127.81 9.98 -0.05	98.42 7.13 -11.23	93.08 4.89 -33.17	95.05 7.73 -0.51	114.84 4.93 -54.83	97.57 6.45 -19.93	89.03 4.56 -32.71	113.46 8.30 0.00	108.38 7.79 0.00	70.32 4.89 -1.09	56.51 3.73 -2.49
ASTORIA_GT_5 24106	64.64 3.92 0.00	85.37 4.52 0.00	73.11 3.61 0.00	76.84 4.02 0.00	82.26 4.29 0.00	59.59 3.37 -3.33	97.89 5.82 -0.79	85.64 4.25 -16.75	62.66 3.65 -6.03	55.84 3.95 0.00	186.99 9.69 -57.73	152.89 12.35 0.00	150.84 11.56 -5.30	127.86 10.03 -0.05	98.60 7.31 -11.23	93.08 4.90 -33.17	95.02 7.70 -0.51	114.85 4.95 -54.83	97.58 6.46 -19.93	89.04 4.56 -32.71	113.49 8.33 0.00	108.44 7.85 0.00	70.39 4.96 -1.09	56.55 3.77 -2.49
ASTORIA_GT_7 24107	64.64 3.92 0.00	85.37 4.52 0.00	73.11 3.61 0.00	76.84 4.02 0.00	82.26 4.29 0.00	59.59 3.37 -3.33	97.89 5.82 -0.79	85.64 4.25 -16.75	62.66 3.65 -6.03	55.84 3.95 0.00	186.99 9.69 -57.73	152.89 12.35 0.00	150.84 11.56 -5.30	127.86 10.03 -0.05	98.60 7.31 -11.23	93.08 4.90 -33.17	95.02 7.70 -0.51	114.85 4.95 -54.83	97.58 6.46 -19.93	89.04 4.56 -32.71	113.49 8.33 0.00	108.44 7.85 0.00	70.39 4.96 -1.09	56.55 3.77 -2.49
ASTORIA_GT_8 24108	64.64 3.92 0.00	85.37 4.52 0.00	73.11 3.61 0.00	76.84 4.02 0.00	82.26 4.29 0.00	59.59 3.37 -3.33	97.89 5.82 -0.79	85.64 4.25 -16.75	62.66 3.65 -6.03	55.84 3.95 0.00	186.99 9.69 -57.73	152.89 12.35 0.00	150.84 11.56 -5.30	127.86 10.03 -0.05	98.60 7.31 -11.23	93.08 4.90 -33.17	95.02 7.70 -0.51	114.85 4.95 -54.83	97.58 6.46 -19.93	89.04 4.56 -32.71	113.49 8.33 0.00	108.44 7.85 0.00	70.39 4.96 -1.09	56.55 3.77 -2.49
ASTORIA___2 24149	64.52 3.79 0.00	85.21 4.36 0.00	72.98 3.48 0.00	76.72 3.90 0.00	82.11 4.14 0.00	59.50 3.28 -3.33	97.72 5.66 -0.79	85.52 4.13 -16.75	62.56 3.55 -6.03	55.74 3.85 0.00	186.75 9.44 -57.73	152.57 12.02 0.00	150.59 11.31 -5.30	127.61 9.78 -0.05	98.43 7.15 -11.23	92.96 4.78 -33.17	94.83 7.52 -0.51	114.73 4.83 -54.83	97.43 6.31 -19.93	88.94 4.46 -32.71	113.27 8.12 0.00	108.23 7.64 0.00	70.27 4.84 -1.09	56.45 3.68 -2.49
ASTORIA___3 23516	64.67 3.94 0.00	85.27 4.43 0.00	73.02 3.51 0.00	76.65 3.83 0.00	82.13 4.16 0.00	59.53 3.31 -3.33	97.83 5.77 -0.79	85.57 4.18 -16.75	62.62 3.61 -6.03	55.85 3.95 0.00	186.85 9.54 -57.73	152.86 12.31 0.00	150.81 11.53 -5.30	127.80 9.97 -0.05	98.41 7.13 -11.23	93.08 4.89 -33.17	95.05 7.74 -0.51	114.84 4.93 -54.83	97.57 6.44 -19.93	89.03 4.56 -32.71	113.46 8.31 0.00	108.38 7.79 0.00	70.32 4.89 -1.09	56.51 3.73 -2.49
ASTORIA___4 23517	64.67 3.94 0.00	85.28 4.43 0.00	73.02 3.52 0.00	76.66 3.84 0.00	82.12 4.15 0.00	59.53 3.31 -3.33	97.83 5.77 -0.79	85.56 4.17 -16.75	62.63 3.62 -6.03	55.85 3.95 0.00	186.88 9.58 -57.73	152.86 12.31 0.00	150.82 11.53 -5.30	127.81 9.98 -0.05	98.42 7.13 -11.23	93.08 4.89 -33.17	95.05 7.73 -0.51	114.84 4.93 -54.83	97.57 6.45 -19.93	89.03 4.56 -32.71	113.46 8.30 0.00	108.38 7.79 0.00	70.32 4.89 -1.09	56.51 3.73 -2.49
ASTORIA___5 23518	64.67 3.94 0.00	85.27 4.43 0.00	73.02 3.51 0.00	76.65 3.83 0.00	82.13 4.16 0.00	59.53 3.31 -3.33	97.83 5.77 -0.79	85.57 4.18 -16.75	62.62 3.61 -6.03	55.85 3.95 0.00	186.85 9.54 -57.73	152.86 12.31 0.00	150.81 11.53 -5.30	127.80 9.97 -0.05	98.41 7.13 -11.23	93.08 4.89 -33.17	95.05 7.74 -0.51	114.84 4.93 -54.83	97.57 6.44 -19.93	89.03 4.56 -32.71	113.46 8.31 0.00	108.38 7.79 0.00	70.32 4.89 -1.09	56.51 3.73 -2.49
AST_ENERGY_2_CC3 323677	64.36 3.63 0.00	84.94 4.10 0.00	72.73 3.23 0.00	76.30 3.48 0.00	81.80 3.83 0.00	59.31 3.09 -3.33	97.44 5.37 -0.79	85.13 3.74 -16.75	62.30 3.29 -6.03	55.52 3.62 0.00	186.16 8.86 -57.73	151.92 11.38 0.00	149.91 10.62 -5.30	127.02 9.19 -0.05	97.75 6.46 -11.23	92.66 4.48 -33.16	94.32 7.01 -0.51	114.47 4.57 -54.82	97.06 5.94 -19.93	88.68 4.21 -32.71	112.83 7.67 0.00	107.80 7.21 0.00	70.02 4.59 -1.09	56.29 3.52 -2.49
AST_ENERGY_2_CC4 323678	64.36 3.63 0.00	84.94 4.10 0.00	72.73 3.23 0.00	76.30 3.48 0.00	81.80 3.83 0.00	59.31 3.09 -3.33	97.44 5.37 -0.79	85.13 3.74 -16.75	62.30 3.29 -6.03	55.52 3.62 0.00	186.16 8.86 -57.73	151.92 11.38 0.00	149.91 10.62 -5.30	127.02 9.19 -0.05	97.75 6.46 -11.23	92.66 4.48 -33.16	94.32 7.01 -0.51	114.47 4.57 -54.82	97.06 5.94 -19.93	88.68 4.21 -32.71	112.83 7.67 0.00	107.80 7.21 0.00	70.02 4.59 -1.09	56.29 3.52 -2.49

ATHENS_STG_1 23668	63.47 2.74 0.00	84.11 3.26 0.00	72.12 2.62 0.00	75.89 3.07 0.00	81.32 3.35 0.00	59.04 2.55 -3.60	96.20 4.34 -0.59	80.07 2.98 -12.45	59.91 2.44 -4.48	54.49 2.59 0.00	168.73 6.25 -42.91	148.49 7.94 0.00	146.30 7.56 -4.75	124.00 6.16 -0.06	96.19 4.26 -11.87	92.25 3.01 -34.21	92.12 4.77 -0.56	118.21 3.09 -60.04	97.00 3.99 -21.82	90.39 2.81 -35.82	110.39 5.24 0.00	105.68 5.08 0.00	68.74 3.20 -1.20	55.51 2.50 -2.73
ATHENS_STG_2 23670	63.47 2.74 0.00	84.11 3.26 0.00	72.12 2.62 0.00	75.89 3.07 0.00	81.32 3.35 0.00	59.04 2.55 -3.60	96.20 4.34 -0.59	80.07 2.98 -12.45	59.91 2.44 -4.48	54.49 2.59 0.00	168.73 6.25 -42.91	148.49 7.94 0.00	146.30 7.56 -4.75	124.00 6.16 -0.06	96.19 4.26 -11.87	92.25 3.01 -34.21	92.12 4.77 -0.56	118.21 3.09 -60.04	97.00 3.99 -21.82	90.39 2.81 -35.82	110.39 5.24 0.00	105.68 5.08 0.00	68.74 3.20 -1.20	55.51 2.50 -2.73
ATHENS_STG_3 23677	63.47 2.74 0.00	84.11 3.26 0.00	72.12 2.62 0.00	75.89 3.07 0.00	81.32 3.35 0.00	59.04 2.55 -3.60	96.20 4.34 -0.59	80.07 2.98 -12.45	59.91 2.44 -4.48	54.49 2.59 0.00	168.73 6.25 -42.91	148.49 7.94 0.00	146.30 7.56 -4.75	124.00 6.16 -0.06	96.19 4.26 -11.87	92.25 3.01 -34.21	92.12 4.77 -0.56	118.21 3.09 -60.04	97.00 3.99 -21.82	90.39 2.81 -35.82	110.39 5.24 0.00	105.68 5.08 0.00	68.74 3.20 -1.20	55.51 2.50 -2.73
AUBURN___LFGE 323710	62.51 0.04 -1.75	84.01 0.11 -3.05	69.80 -0.42 -0.71	75.85 -0.07 -3.10	78.93 0.06 -0.90	53.97 0.22 -0.86	93.28 0.09 -1.92	65.84 0.35 -0.86	53.71 0.40 -0.33	53.23 0.54 -0.79	124.97 0.35 -5.05	144.80 1.59 -2.67	137.68 1.20 -2.50	118.67 0.80 -0.10	82.90 1.14 -1.70	60.51 1.20 -4.30	89.17 2.30 -0.07	63.88 1.57 -7.23	75.67 1.85 -2.63	57.04 0.96 -4.32	106.99 1.72 -0.11	102.15 1.56 0.00	65.18 0.70 -0.14	51.32 0.71 -0.33
BABYLON_RES_REC 323704	71.85 5.54 -5.59	87.42 6.57 -0.02	74.66 5.15 0.00	78.29 5.47 0.00	83.96 5.99 0.00	60.76 4.54 -3.33	149.92 7.85 -50.79	188.70 5.87 -118.20	63.74 4.73 -6.03	60.50 5.04 -3.56	217.01 12.44 -84.99	185.83 15.88 -29.41	165.14 14.83 -16.32	154.96 13.11 -24.07	127.38 9.14 -38.18	139.10 6.31 -77.77	126.43 10.05 -29.58	135.44 6.44 -73.92	121.16 8.32 -41.65	115.16 5.91 -57.48	137.95 11.14 -21.66	134.15 10.56 -23.00	71.97 6.54 -1.10	57.65 4.88 -2.49
BABYLON__69_KV_BK2 356345	72.88 6.44 -5.71	88.38 7.53 -0.02	75.40 5.90 0.00	79.05 6.24 0.00	84.83 6.85 0.00	61.37 5.15 -3.33	150.97 8.91 -50.79	189.44 6.61 -118.20	64.32 5.31 -6.03	61.02 5.57 -3.56	218.20 13.63 -84.99	187.26 17.31 -29.41	166.49 16.18 -16.32	156.18 14.33 -24.07	128.24 10.00 -38.18	139.72 6.93 -77.77	127.44 11.06 -29.58	136.05 7.05 -73.92	121.94 9.09 -41.65	115.73 6.48 -57.48	139.09 12.27 -21.66	135.23 11.64 -23.00	72.66 7.23 -1.10	58.16 5.38 -2.49
BALL_HILL_WT_PWR 323825	50.19 -5.83 4.70	62.88 -7.93 10.03	60.57 -7.17 1.76	57.82 -7.28 7.72	67.75 -7.98 2.25	47.26 -5.16 0.47	74.91 -9.56 6.80	53.62 -6.16 4.86	45.38 -5.11 2.50	41.11 -4.69 6.09	83.21 -11.92 24.44	107.38 -12.64 20.53	107.72 -11.96 14.30	106.78 -10.32 0.68	73.82 -6.59 -0.35	56.46 -4.12 -5.56	81.69 -5.20 -0.09	61.78 -2.63 -9.33	70.71 -3.87 -3.39	53.61 -3.72 -5.57	96.06 -8.26 0.83	92.86 -7.73 0.00	60.19 -4.33 -0.19	48.03 -2.67 -0.42
BARON_WINDS___WT_PWR 323822	47.29 -5.29 8.15	46.67 -7.24 26.94	60.00 -6.43 3.08	52.75 -6.55 13.52	67.06 -6.97 3.94	47.25 -4.59 1.06	61.90 -7.99 21.38	41.90 -5.27 17.46	37.76 -3.95 11.27	17.30 -3.29 31.30	26.52 -8.63 84.42	25.85 -9.29 105.41	49.34 -8.91 75.74	106.57 -7.69 3.52	70.28 -4.23 5.54	60.82 -1.92 -7.72	84.57 -2.34 -0.12	66.56 -0.94 -12.42	73.90 -1.81 -4.52	57.15 -2.02 -7.41	96.36 -4.55 4.24	95.80 -4.79 0.00	61.48 -3.10 -0.25	48.86 -1.98 -0.56
BARRETT_IC_1 23704	71.69 4.79 -6.18	86.39 5.54 -0.01	73.71 4.21 0.00	77.29 4.47 0.00	82.87 4.89 0.00	60.02 3.79 -3.33	148.58 6.52 -50.79	187.64 4.81 -118.20	63.10 4.08 -6.03	73.10 4.47 -16.74	334.83 11.20 -204.07	349.32 14.28 -194.49	304.65 13.28 -157.38	418.35 11.54 -289.03	423.68 8.15 -335.47	669.71 5.53 -609.15	453.52 8.82 -357.91	390.65 5.59 -329.98	391.63 7.25 -313.18	387.60 5.17 -330.66	411.12 9.75 -296.22	386.59 9.27 -276.74	71.20 5.71 -1.16	57.05 4.25 -2.52
BARRETT_IC_10 23701	71.69 4.79 -6.18	86.39 5.54 -0.01	73.71 4.21 0.00	77.29 4.47 0.00	82.87 4.89 0.00	60.02 3.79 -3.33	148.58 6.52 -50.79	187.64 4.81 -118.20	63.10 4.08 -6.03	64.06 4.47 -7.70	253.15 11.20 -122.39	236.08 14.28 -81.25	203.91 13.28 -56.64	226.18 11.54 -96.86	208.04 8.15 -119.83	284.28 5.53 -223.73	215.40 8.82 -119.78	204.92 5.59 -144.26	194.69 7.25 -116.24	189.46 5.17 -132.52	212.02 9.75 -97.12	202.59 9.27 -92.73	71.17 5.71 -1.12	57.05 4.25 -2.52
BARRETT_IC_11 23702	71.69 4.79 -6.18	86.39 5.54 -0.01	73.71 4.21 0.00	77.29 4.47 0.00	82.87 4.89 0.00	60.02 3.79 -3.33	148.58 6.52 -50.79	187.64 4.81 -118.20	63.10 4.08 -6.03	64.06 4.47 -7.70	253.15 11.20 -122.39	236.08 14.28 -81.25	203.91 13.28 -56.64	226.18 11.54 -96.86	208.04 8.15 -119.83	284.28 5.53 -223.73	215.40 8.82 -119.78	204.92 5.59 -144.26	194.69 7.25 -116.24	189.46 5.17 -132.52	212.02 9.75 -97.12	202.59 9.27 -92.73	71.17 5.71 -1.12	57.05 4.25 -2.52
BARRETT_IC_12 23703	71.69 4.79 -6.18	86.39 5.54 -0.01	73.71 4.21 0.00	77.29 4.47 0.00	82.87 4.89 0.00	60.02 3.79 -3.33	148.58 6.52 -50.79	187.64 4.81 -118.20	63.10 4.08 -6.03	64.06 4.47 -7.70	253.15 11.20 -122.39	236.08 14.28 -81.25	203.91 13.28 -56.64	226.18 11.54 -96.86	208.04 8.15 -119.83	284.28 5.53 -223.73	215.40 8.82 -119.78	204.92 5.59 -144.26	194.69 7.25 -116.24	189.46 5.17 -132.52	212.02 9.75 -97.12	202.59 9.27 -92.73	71.17 5.71 -1.12	57.05 4.25 -2.52
BARRETT_IC_2 23705	71.69 4.79 -6.18	86.39 5.54 -0.01	73.71 4.21 0.00	77.29 4.47 0.00	82.87 4.89 0.00	60.02 3.79 -3.33	148.58 6.52 -50.79	187.64 4.81 -118.20	63.10 4.08 -6.03	73.10 4.47 -16.74	334.83 11.20 -204.07	349.32 14.28 -194.49	304.65 13.28 -157.38	418.35 11.54 -289.03	423.68 8.15 -335.47	669.71 5.53 -609.15	453.52 8.82 -357.91	390.65 5.59 -329.98	391.63 7.25 -313.18	387.60 5.17 -330.66	411.12 9.75 -296.22	386.59 9.27 -276.74	71.20 5.71 -1.16	57.05 4.25 -2.52
BARRETT_IC_3 23706	71.69 4.79 -6.18	86.39 5.54 -0.01	73.71 4.21 0.00	77.29 4.47 0.00	82.87 4.89 0.00	60.02 3.79 -3.33	148.58 6.52 -50.79	187.64 4.81 -118.20	63.10 4.08 -6.03	73.10 4.47 -16.74	334.83 11.20 -204.07	349.32 14.28 -194.49	304.65 13.28 -157.38	418.35 11.54 -289.03	423.68 8.15 -335.47	669.71 5.53 -609.15	453.52 8.82 -357.91	390.65 5.59 -329.98	391.63 7.25 -313.18	387.60 5.17 -330.66	411.12 9.75 -296.22	386.59 9.27 -276.74	71.20 5.71 -1.16	57.05 4.25 -2.52
BARRETT_IC_4 23707	71.69 4.79 -6.18	86.39 5.54 -0.01	73.71 4.21 0.00	77.29 4.47 0.00	82.87 4.89 0.00	60.02 3.79 -3.33	148.58 6.52 -50.79	187.64 4.81 -118.20	63.10 4.08 -6.03	73.10 4.47 -16.74	334.83 11.20 -204.07	349.32 14.28 -194.49	304.65 13.28 -157.38	418.35 11.54 -289.03	423.68 8.15 -335.47	669.71 5.53 -609.15	453.52 8.82 -357.91	390.65 5.59 -329.98	391.63 7.25 -313.18	387.60 5.17 -330.66	411.12 9.75 -296.22	386.59 9.27 -276.74	71.20 5.71 -1.16	57.05 4.25 -2.52

BARRETT_IC_5 23708	71.69 4.79 -6.18	86.39 5.54 -0.01	73.71 4.21 0.00	77.29 4.47 0.00	82.87 4.89 0.00	60.02 3.79 -3.33	148.58 6.52 -50.79	187.64 4.81 -118.20	63.10 4.08 -6.03	73.10 4.47 -16.74	334.83 11.20 -204.07	349.32 14.28 -194.49	304.65 13.28 -157.38	418.35 11.54 -289.03	423.68 8.15 -335.47	669.71 5.53 -609.15	453.52 8.82 -357.91	390.65 5.59 -329.98	391.63 7.25 -313.18	387.60 5.17 -330.66	411.12 9.75 -296.22	386.59 9.27 -276.74	71.20 5.71 -1.16	57.05 4.25 -2.52
BARRETT_IC_6 23709	71.69 4.79 -6.18	86.39 5.54 -0.01	73.71 4.21 0.00	77.29 4.47 0.00	82.87 4.89 0.00	60.02 3.79 -3.33	148.58 6.52 -50.79	187.64 4.81 -118.20	63.10 4.08 -6.03	73.10 4.47 -16.74	334.83 11.20 -204.07	349.32 14.28 -194.49	304.65 13.28 -157.38	418.35 11.54 -289.03	423.68 8.15 -335.47	669.71 5.53 -609.15	453.52 8.82 -357.91	390.65 5.59 -329.98	391.63 7.25 -313.18	387.60 5.17 -330.66	411.12 9.75 -296.22	386.59 9.27 -276.74	71.20 5.71 -1.16	57.05 4.25 -2.52
BARRETT_IC_7 23710	71.90 4.99 -6.18	86.46 5.61 -0.01	73.71 4.21 0.00	77.29 4.47 0.00	82.86 4.89 0.00	60.01 3.79 -3.33	148.59 6.52 -50.79	187.64 4.80 -118.20	63.10 4.08 -6.03	73.10 4.46 -16.74	334.88 11.25 -204.07	349.33 14.30 -194.49	304.61 13.25 -157.38	418.34 11.54 -289.03	423.68 8.16 -335.46	669.70 5.53 -609.15	453.52 8.81 -357.91	390.64 5.58 -329.98	391.63 7.25 -313.18	387.58 5.15 -330.66	411.12 9.75 -296.22	386.59 9.26 -276.73	71.21 5.71 -1.16	57.05 4.25 -2.52
BARRETT_IC_8 23711	71.69 4.79 -6.18	86.39 5.54 -0.01	73.71 4.21 0.00	77.29 4.47 0.00	82.87 4.89 0.00	60.02 3.79 -3.33	148.58 6.52 -50.79	187.64 4.81 -118.20	63.10 4.08 -6.03	73.10 4.47 -16.74	334.83 11.20 -204.07	349.32 14.28 -194.49	304.65 13.28 -157.38	418.35 11.54 -289.03	423.68 8.15 -335.47	669.71 5.53 -609.15	453.52 8.82 -357.91	390.65 5.59 -329.98	391.63 7.25 -313.18	387.60 5.17 -330.66	411.12 9.75 -296.22	386.59 9.27 -276.74	71.20 5.71 -1.16	57.05 4.25 -2.52
BARRETT_IC_9 23700	71.69 4.79 -6.18	86.39 5.54 -0.01	73.71 4.21 0.00	77.29 4.47 0.00	82.87 4.89 0.00	60.02 3.79 -3.33	148.58 6.52 -50.79	187.64 4.81 -118.20	63.10 4.08 -6.03	64.06 4.47 -7.70	253.15 11.20 -122.39	236.08 14.28 -81.25	203.91 13.28 -56.64	226.18 11.54 -96.86	208.04 8.15 -119.83	284.28 5.53 -223.73	215.40 8.82 -119.78	204.92 5.59 -144.26	194.69 7.25 -116.24	189.46 5.17 -132.52	212.02 9.75 -97.12	202.59 9.27 -92.73	71.17 5.71 -1.12	57.05 4.25 -2.52
BARRETT___1 23545	71.69 4.79 -6.18	86.39 5.54 -0.01	73.71 4.21 0.00	77.29 4.47 0.00	82.87 4.89 0.00	60.02 3.79 -3.33	148.58 6.52 -50.79	187.64 4.81 -118.20	63.10 4.08 -6.03	73.10 4.47 -16.74	334.83 11.20 -204.07	349.32 14.28 -194.49	304.65 13.28 -157.38	418.35 11.54 -289.03	423.68 8.15 -335.47	669.71 5.53 -609.15	453.52 8.82 -357.91	390.65 5.59 -329.98	391.63 7.25 -313.18	387.60 5.17 -330.66	411.12 9.75 -296.22	386.59 9.27 -276.74	71.20 5.71 -1.16	57.05 4.25 -2.52
BARRETT___2 23546	71.69 4.79 -6.18	86.39 5.54 -0.01	73.71 4.21 0.00	77.29 4.47 0.00	82.87 4.89 0.00	60.02 3.79 -3.33	148.58 6.52 -50.79	187.64 4.81 -118.20	63.10 4.08 -6.03	64.06 4.47 -7.70	253.15 11.20 -122.39	236.08 14.28 -81.25	203.91 13.28 -56.64	226.18 11.54 -96.86	208.04 8.15 -119.83	284.28 5.53 -223.73	215.40 8.82 -119.78	204.92 5.59 -144.26	194.69 7.25 -116.24	189.46 5.17 -132.52	212.02 9.75 -97.12	202.59 9.27 -92.73	71.17 5.71 -1.12	57.05 4.25 -2.52
BATAVIA__115KV_TB1 55881	54.29 -2.96 3.48	69.91 -4.19 6.75	64.15 -4.05 1.30	63.06 -4.06 5.71	71.83 -4.48 1.66	49.73 -2.89 0.28	81.20 -5.73 4.34	58.25 -3.74 2.65	48.62 -3.12 1.25	46.15 -2.70 3.04	98.21 -7.30 14.05	122.84 -7.46 10.24	119.53 -7.55 6.90	110.40 -7.04 0.34	76.49 -4.42 -0.85	57.26 -2.48 -4.73	83.89 -2.99 -0.07	61.88 -1.17 -7.98	72.30 -1.79 -2.90	54.25 -2.27 -4.76	99.51 -5.24 0.41	95.33 -5.26 0.00	61.52 -2.97 -0.16	48.91 -1.73 -0.36
BAYONEEC___CTG1 323682	64.46 3.73 0.00	85.02 4.17 0.00	72.80 3.30 0.00	76.37 3.56 0.00	81.89 3.92 0.00	59.38 3.15 -3.33	97.56 5.49 -0.79	85.31 3.93 -16.75	62.44 3.43 -6.03	55.63 3.74 0.00	186.41 9.11 -57.73	152.19 11.64 0.00	150.16 10.88 -5.30	127.23 9.40 -0.05	97.99 6.70 -11.23	92.82 4.64 -33.16	94.57 7.26 -0.51	114.56 4.67 -54.82	97.19 6.08 -19.93	88.79 4.32 -32.71	113.04 7.88 0.00	108.00 7.41 0.00	70.13 4.70 -1.09	56.34 3.56 -2.49
BAYONEEC___CTG10 323750	64.46 3.73 0.00	85.02 4.17 0.00	72.80 3.30 0.00	76.37 3.56 0.00	81.89 3.92 0.00	59.38 3.15 -3.33	97.56 5.49 -0.79	85.31 3.93 -16.75	62.44 3.43 -6.03	55.63 3.74 0.00	186.41 9.11 -57.73	152.19 11.64 0.00	150.16 10.88 -5.30	127.23 9.40 -0.05	97.99 6.70 -11.23	92.82 4.64 -33.16	94.57 7.26 -0.51	114.56 4.67 -54.82	97.19 6.08 -19.93	88.79 4.32 -32.71	113.04 7.88 0.00	108.00 7.41 0.00	70.13 4.70 -1.09	56.34 3.56 -2.49
BAYONEEC___CTG2 323683	64.46 3.73 0.00	85.02 4.17 0.00	72.80 3.30 0.00	76.37 3.56 0.00	81.89 3.92 0.00	59.38 3.15 -3.33	97.56 5.49 -0.79	85.31 3.93 -16.75	62.44 3.43 -6.03	55.63 3.74 0.00	186.41 9.11 -57.73	152.19 11.64 0.00	150.16 10.88 -5.30	127.23 9.40 -0.05	97.99 6.70 -11.23	92.82 4.64 -33.16	94.57 7.26 -0.51	114.56 4.67 -54.82	97.19 6.08 -19.93	88.79 4.32 -32.71	113.04 7.88 0.00	108.00 7.41 0.00	70.13 4.70 -1.09	56.34 3.56 -2.49
BAYONEEC___CTG3 323684	64.46 3.73 0.00	85.02 4.17 0.00	72.80 3.30 0.00	76.37 3.56 0.00	81.89 3.92 0.00	59.38 3.15 -3.33	97.56 5.49 -0.79	85.31 3.93 -16.75	62.44 3.43 -6.03	55.63 3.74 0.00	186.41 9.11 -57.73	152.19 11.64 0.00	150.16 10.88 -5.30	127.23 9.40 -0.05	97.99 6.70 -11.23	92.82 4.64 -33.16	94.57 7.26 -0.51	114.56 4.67 -54.82	97.19 6.08 -19.93	88.79 4.32 -32.71	113.04 7.88 0.00	108.00 7.41 0.00	70.13 4.70 -1.09	56.34 3.56 -2.49
BAYONEEC___CTG4 323685	64.46 3.73 0.00	85.02 4.17 0.00	72.80 3.30 0.00	76.37 3.56 0.00	81.89 3.92 0.00	59.38 3.15 -3.33	97.56 5.49 -0.79	85.31 3.93 -16.75	62.44 3.43 -6.03	55.63 3.74 0.00	186.41 9.11 -57.73	152.19 11.64 0.00	150.16 10.88 -5.30	127.23 9.40 -0.05	97.99 6.70 -11.23	92.82 4.64 -33.16	94.57 7.26 -0.51	114.56 4.67 -54.82	97.19 6.08 -19.93	88.79 4.32 -32.71	113.04 7.88 0.00	108.00 7.41 0.00	70.13 4.70 -1.09	56.34 3.56 -2.49
BAYONEEC___CTG5 323686	64.46 3.73 0.00	85.02 4.17 0.00	72.80 3.30 0.00	76.37 3.56 0.00	81.89 3.92 0.00	59.38 3.15 -3.33	97.56 5.49 -0.79	85.31 3.93 -16.75	62.44 3.43 -6.03	55.63 3.74 0.00	186.41 9.11 -57.73	152.19 11.64 0.00	150.16 10.88 -5.30	127.23 9.40 -0.05	97.99 6.70 -11.23	92.82 4.64 -33.16	94.57 7.26 -0.51	114.56 4.67 -54.82	97.19 6.08 -19.93	88.79 4.32 -32.71	113.04 7.88 0.00	108.00 7.41 0.00	70.13 4.70 -1.09	56.34 3.56 -2.49
BAYONEEC___CTG6 323687	64.46 3.73 0.00	85.02 4.17 0.00	72.80 3.30 0.00	76.37 3.56 0.00	81.89 3.92 0.00	59.38 3.15 -3.33	97.56 5.49 -0.79	85.31 3.93 -16.75	62.44 3.43 -6.03	55.63 3.74 0.00	186.41 9.11 -57.73	152.19 11.64 0.00	150.16 10.88 -5.30	127.23 9.40 -0.05	97.99 6.70 -11.23	92.82 4.64 -33.16	94.57 7.26 -0.51	114.56 4.67 -54.82	97.19 6.08 -19.93	88.79 4.32 -32.71	113.04 7.88 0.00	108.00 7.41 0.00	70.13 4.70 -1.09	56.34 3.56 -2.49

BAYONEEC___CTG7 323688	64.46 3.73 0.00	85.02 4.17 0.00	72.80 3.30 0.00	76.37 3.56 0.00	81.89 3.92 0.00	59.38 3.15 -3.33	97.56 5.49 -0.79	85.31 3.93 -16.75	62.44 3.43 -6.03	55.63 3.74 0.00	186.41 9.11 -57.73	152.19 11.64 0.00	150.16 10.88 -5.30	127.23 9.40 -0.05	97.99 6.70 -11.23	92.82 4.64 -33.16	94.57 7.26 -0.51	114.56 4.67 -54.82	97.19 6.08 -19.93	88.79 4.32 -32.71	113.04 7.88 0.00	108.00 7.41 0.00	70.13 4.70 -1.09	56.34 3.56 -2.49
BAYONEEC___CTG8 323689	64.46 3.73 0.00	85.02 4.17 0.00	72.80 3.30 0.00	76.37 3.56 0.00	81.89 3.92 0.00	59.38 3.15 -3.33	97.56 5.49 -0.79	85.31 3.93 -16.75	62.44 3.43 -6.03	55.63 3.74 0.00	186.41 9.11 -57.73	152.19 11.64 0.00	150.16 10.88 -5.30	127.23 9.40 -0.05	97.99 6.70 -11.23	92.82 4.64 -33.16	94.57 7.26 -0.51	114.56 4.67 -54.82	97.19 6.08 -19.93	88.79 4.32 -32.71	113.04 7.88 0.00	108.00 7.41 0.00	70.13 4.70 -1.09	56.34 3.56 -2.49
BAYONEEC___CTG9 323749	64.46 3.73 0.00	85.02 4.17 0.00	72.80 3.30 0.00	76.37 3.56 0.00	81.89 3.92 0.00	59.38 3.15 -3.33	97.56 5.49 -0.79	85.31 3.93 -16.75	62.44 3.43 -6.03	55.63 3.74 0.00	186.41 9.11 -57.73	152.19 11.64 0.00	150.16 10.88 -5.30	127.23 9.40 -0.05	97.99 6.70 -11.23	92.82 4.64 -33.16	94.57 7.26 -0.51	114.56 4.67 -54.82	97.19 6.08 -19.93	88.79 4.32 -32.71	113.04 7.88 0.00	108.00 7.41 0.00	70.13 4.70 -1.09	56.34 3.56 -2.49
BEACON___LESR 323632	64.03 3.31 0.00	84.84 4.00 0.00	72.68 3.18 0.00	76.43 3.61 0.00	81.74 3.77 0.00	59.85 2.77 -4.18	100.48 4.82 -4.38	161.17 3.81 -92.73	89.26 2.89 -33.39	55.08 3.18 0.00	446.77 7.21 -319.99	149.32 8.77 0.00	161.25 8.30 -18.97	125.26 7.42 -0.06	103.60 4.94 -18.60	122.43 3.15 -64.26	92.21 4.79 -0.62	125.01 3.19 -66.74	99.57 4.12 -24.26	94.56 2.98 -39.82	111.04 5.89 0.00	106.12 5.53 0.00	69.14 3.47 -1.33	56.21 2.89 -3.04
BEAVER RIVER___HYD 24048	59.30 -1.43 0.00	78.99 -1.85 0.00	67.80 -1.70 0.00	71.08 -1.74 0.00	75.89 -2.08 0.00	51.32 -1.70 -0.12	88.05 -3.23 0.00	62.73 -1.91 0.00	51.55 -1.43 0.00	50.46 -1.44 0.00	117.17 -2.40 0.00	137.50 -3.05 0.00	130.94 -3.05 0.00	115.39 -2.39 0.00	79.14 -1.23 -0.31	55.09 -0.70 -0.77	87.25 0.43 -0.02	57.76 0.68 -2.01	72.86 0.95 -0.73	53.50 0.54 -1.20	106.12 0.97 0.00	102.06 1.47 0.00	64.67 0.30 -0.04	50.24 -0.13 -0.09
BEEBEE_GT_13 23619	55.66 -2.53 2.54	73.32 -3.62 3.91	65.12 -3.43 0.95	65.17 -3.47 4.18	72.99 -3.77 1.22	50.34 -2.42 0.14	84.36 -4.78 2.13	61.03 -3.10 0.50	50.42 -2.56 0.00	49.56 -2.33 0.00	109.30 -6.10 4.17	134.32 -6.22 0.00	128.43 -6.06 -0.50	112.50 -5.29 -0.01	78.15 -3.32 -1.41	57.19 -1.86 -4.04	84.46 -2.40 -0.06	60.93 -1.01 -6.86	72.15 -1.53 -2.50	54.11 -1.75 -4.10	100.91 -4.25 0.00	96.49 -4.10 0.00	62.15 -2.33 -0.14	49.24 -1.36 -0.31
BENSHRST_27_KV_BENSHRST_1 355998	144.57 4.66 -79.19	86.08 5.24 0.00	73.70 4.20 0.00	77.30 4.47 0.00	82.81 4.84 0.00	61.59 3.84 -4.86	100.76 6.73 -2.76	86.23 4.85 -16.75	66.29 4.19 -9.12	71.87 4.58 -15.39	188.02 10.72 -57.73	329.26 13.87 -174.84	370.63 13.04 -223.61	369.99 11.27 -240.93	364.08 8.08 -275.94	353.64 5.58 -293.05	326.47 8.81 -230.86	121.75 5.59 -61.09	119.86 7.35 -41.32	119.04 5.26 -62.02	114.72 9.56 0.00	109.59 9.00 0.00	74.82 5.68 -4.80	79.35 4.41 -24.65
BETHLEHEM___GRP 23843	63.07 2.34 0.00	83.67 2.83 0.00	71.77 2.27 0.00	75.48 2.66 0.00	80.79 2.82 0.00	59.12 2.04 -4.19	98.86 3.36 -4.23	156.54 2.47 -89.44	87.17 1.98 -32.21	54.04 2.15 0.00	433.37 5.16 -308.64	146.91 6.37 0.00	158.30 5.91 -18.40	123.07 5.23 -0.06	101.79 3.34 -18.39	120.29 2.05 -63.23	90.34 2.92 -0.62	123.81 1.94 -66.79	98.05 2.58 -24.28	93.50 1.89 -39.85	108.94 3.79 0.00	104.34 3.75 0.00	68.07 2.40 -1.33	55.43 2.11 -3.04
BETHLEHEM___GS1 323560	63.07 2.35 0.00	83.67 2.83 0.00	71.77 2.27 0.00	75.48 2.66 0.00	80.79 2.82 0.00	59.12 2.04 -4.19	98.86 3.36 -4.23	156.53 2.46 -89.44	87.17 1.98 -32.21	54.04 2.15 0.00	433.35 5.15 -308.64	146.92 6.37 0.00	158.31 5.92 -18.40	123.09 5.24 -0.06	101.79 3.34 -18.39	120.29 2.05 -63.23	90.34 2.92 -0.62	123.81 1.94 -66.79	98.05 2.58 -24.28	93.50 1.88 -39.85	108.93 3.78 0.00	104.34 3.75 0.00	68.07 2.40 -1.33	55.43 2.11 -3.04
BETHLEHEM___GS2 323561	63.07 2.35 0.00	83.67 2.83 0.00	71.77 2.27 0.00	75.48 2.66 0.00	80.79 2.82 0.00	59.12 2.04 -4.19	98.86 3.36 -4.23	156.53 2.46 -89.44	87.17 1.98 -32.21	54.04 2.15 0.00	433.35 5.15 -308.64	146.92 6.37 0.00	158.31 5.92 -18.40	123.09 5.24 -0.06	101.79 3.34 -18.39	120.29 2.05 -63.23	90.34 2.92 -0.62	123.81 1.94 -66.79	98.05 2.58 -24.28	93.50 1.88 -39.85	108.93 3.78 0.00	104.34 3.75 0.00	68.07 2.40 -1.33	55.43 2.11 -3.04
BETHLEHEM___GS3 323562	63.07 2.35 0.00	83.67 2.83 0.00	71.77 2.27 0.00	75.48 2.66 0.00	80.79 2.82 0.00	59.12 2.04 -4.19	98.86 3.36 -4.23	156.53 2.46 -89.44	87.17 1.98 -32.21	54.04 2.15 0.00	433.35 5.15 -308.64	146.92 6.37 0.00	158.31 5.92 -18.40	123.09 5.24 -0.06	101.79 3.34 -18.39	120.29 2.05 -63.23	90.34 2.92 -0.62	123.81 1.94 -66.79	98.05 2.58 -24.28	93.50 1.88 -39.85	108.93 3.78 0.00	104.34 3.75 0.00	68.07 2.40 -1.33	55.43 2.11 -3.04
BETHLEHEM___STEEL 23779	50.92 -5.16 4.64	64.00 -7.09 9.75	61.27 -6.49 1.74	58.63 -6.58 7.61	68.55 -7.21 2.22	47.72 -4.72 0.46	75.80 -8.92 6.56	54.16 -5.90 4.58	45.77 -4.88 2.33	41.77 -4.45 5.68	84.90 -11.47 23.20	109.21 -12.21 19.13	109.12 -11.59 13.28	106.94 -10.21 0.63	73.94 -6.57 -0.45	56.55 -4.02 -5.55	81.52 -5.37 -0.09	61.66 -2.74 -9.32	70.71 -3.87 -3.39	53.53 -3.80 -5.56	96.04 -8.34 0.77	92.64 -7.95 0.00	60.02 -4.50 -0.19	47.95 -2.76 -0.42
BETHLHEM_115KV_TB1 79974	63.04 2.31 0.00	83.65 2.81 0.00	71.76 2.26 0.00	75.46 2.64 0.00	80.79 2.82 0.00	59.12 2.04 -4.18	98.64 3.38 -3.98	151.33 2.41 -84.28	85.29 1.95 -30.35	54.00 2.11 0.00	415.48 5.06 -290.85	146.82 6.27 0.00	157.35 5.85 -17.52	123.06 5.22 -0.06	101.46 3.37 -18.04	118.67 2.12 -61.53	90.49 3.07 -0.62	123.86 2.05 -66.73	98.14 2.69 -24.26	93.52 1.94 -39.81	109.04 3.88 0.00	104.40 3.81 0.00	68.11 2.45 -1.33	55.43 2.11 -3.03
BETHPAGE_CC_5 323564	70.95 4.90 -5.33	86.59 5.74 -0.02	74.01 4.51 0.00	77.60 4.78 0.00	83.20 5.22 0.00	60.24 4.02 -3.33	148.96 6.90 -50.79	188.02 5.18 -118.20	63.23 4.22 -6.03	60.38 4.62 -3.87	219.11 11.76 -87.77	188.87 15.07 -33.26	167.61 14.02 -19.61	160.37 12.34 -30.26	133.86 8.68 -45.13	151.15 5.95 -90.18	133.50 9.45 -37.25	141.04 6.06 -79.90	127.07 7.88 -48.00	121.22 5.60 -63.86	143.73 10.51 -28.07	139.43 9.91 -28.92	71.57 6.13 -1.10	57.35 4.58 -2.49
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	50.90 -5.09 4.74	64.12 -6.98 9.74	61.34 -6.39 1.78	58.58 -6.47 7.77	68.58 -7.12 2.26	47.77 -4.66 0.47	76.07 -8.73 6.48	54.53 -5.73 4.38	46.06 -4.74 2.19	42.28 -4.27 5.34	86.05 -11.08 22.44	110.83 -11.72 18.00	110.45 -11.09 12.44	107.33 -9.85 0.59	74.33 -6.29 -0.57	56.83 -3.82 -5.64	81.80 -5.09 -0.09	61.95 -2.58 -9.45	70.97 -3.66 -3.44	53.76 -3.65 -5.64	96.45 -7.97 0.72	92.98 -7.62 0.00	60.21 -4.32 -0.19	48.07 -2.64 -0.43

BINGHAMTON___COGEN 23790	57.97 -0.72 2.04	76.51 -1.20 3.14	67.78 -1.23 0.49	69.52 -1.15 2.15	76.23 -1.12 0.63	53.10 -0.61 -0.82	89.15 -1.16 0.97	70.39 -0.69 -6.45	55.00 -0.45 -2.47	51.72 -0.17 0.00	139.02 -0.84 -20.29	140.40 -0.15 0.00	136.13 0.12 -2.02	117.81 0.02 -0.02	84.27 0.38 -3.83	67.10 0.56 -11.53	88.03 1.06 -0.17	74.02 0.84 -18.09	78.80 1.03 -6.58	63.02 0.46 -10.80	105.65 0.50 0.00	100.98 0.39 0.00	64.89 0.20 -0.36	51.39 0.28 -0.82
BIXINCNT_115KV_LOAD 355685	49.07 -6.40 5.26	62.45 -8.67 9.72	60.01 -7.52 1.97	56.44 -7.76 8.62	66.90 -8.56 2.51	46.86 -5.48 0.55	76.10 -9.27 5.91	58.65 -6.10 -0.12	48.29 -4.48 0.22	44.42 -3.91 3.56	102.65 -10.43 6.49	117.91 -10.65 11.99	116.72 -9.54 7.73	109.15 -8.24 0.39	76.33 -4.89 -1.16	58.39 -2.63 -6.01	83.17 -3.73 -0.09	63.25 -1.88 -10.06	72.28 -2.57 -3.66	54.92 -2.84 -6.00	98.35 -6.32 0.48	94.55 -6.04 0.00	61.08 -3.45 -0.20	48.65 -2.09 -0.46
BLACK RIVER___HYD 24047	59.37 -1.36 0.00	78.94 -1.90 0.00	67.70 -1.81 0.00	71.03 -1.78 0.00	75.84 -2.14 0.00	51.51 -1.55 -0.17	88.43 -2.85 0.00	63.02 -1.61 0.00	51.84 -1.15 0.00	50.71 -1.19 0.00	117.45 -2.12 0.00	138.08 -2.46 0.00	131.57 -2.42 0.00	115.93 -1.85 0.00	79.79 -0.69 -0.42	56.08 0.01 -1.06	88.43 1.60 -0.03	59.40 1.57 -2.76	74.22 2.03 -1.00	54.68 1.27 -1.65	107.42 2.27 0.00	103.17 2.57 0.00	65.01 0.62 -0.06	50.52 0.11 -0.12
BLACKRVR_115KV_TB2 79977	59.37 -1.36 0.00	78.94 -1.90 0.00	67.69 -1.81 0.00	71.03 -1.79 0.00	75.83 -2.14 0.00	51.51 -1.55 -0.17	88.42 -2.85 0.00	63.03 -1.61 0.00	51.84 -1.14 0.00	50.71 -1.19 0.00	117.45 -2.12 0.00	138.07 -2.48 0.00	131.57 -2.42 0.00	115.93 -1.85 0.00	79.79 -0.69 -0.42	56.08 0.00 -1.06	88.43 1.60 -0.03	59.40 1.57 -2.76	74.22 2.03 -1.00	54.68 1.27 -1.65	107.42 2.26 0.00	103.17 2.58 0.00	65.01 0.62 -0.06	50.51 0.11 -0.12
BLISS_WT_PWR 323608	48.41 -7.06 5.26	61.59 -9.53 9.72	59.37 -8.16 1.97	55.72 -8.48 8.62	66.12 -9.34 2.51	46.35 -5.99 0.55	75.46 -9.90 5.91	58.24 -6.52 -0.12	48.10 -4.67 0.22	44.25 -4.08 3.56	102.29 -10.78 6.49	117.57 -10.98 11.99	116.45 -9.80 7.73	108.92 -8.46 0.39	76.24 -4.97 -1.16	58.42 -2.61 -6.01	83.04 -3.85 -0.09	63.19 -1.94 -10.06	72.24 -2.61 -3.66	54.90 -2.87 -6.00	98.25 -6.42 0.48	94.43 -6.17 0.00	60.97 -3.57 -0.20	48.54 -2.20 -0.46
BLUESTONE___WT_PWR 323821	62.21 -1.02 -2.50	82.91 -1.78 -3.85	68.69 -1.96 -1.14	76.02 -1.81 -5.00	77.55 -1.88 -1.46	53.78 -0.98 -1.87	92.67 -1.61 -3.00	76.81 -0.88 -13.05	57.15 -0.35 -4.52	51.91 0.01 0.00	167.99 1.01 -47.41	142.72 2.18 0.00	142.00 4.83 -3.19	121.70 3.90 -0.02	88.29 3.68 -4.55	71.89 2.46 -14.41	91.09 4.10 -0.18	77.95 3.43 -19.44	83.26 5.00 -7.07	66.89 3.53 -11.60	111.88 6.72 0.00	106.88 6.28 0.00	67.72 2.99 -0.39	53.06 1.89 -0.88
BLUE_CIRC_CHEM_DRP 24182	63.28 2.55 0.00	84.01 3.17 0.00	72.11 2.61 0.00	75.83 3.01 0.00	81.18 3.21 0.00	59.30 2.28 -4.12	98.06 3.77 -3.01	130.93 2.53 -63.77	77.98 2.03 -22.96	54.08 2.19 0.00	344.57 4.95 -220.05	146.62 6.07 0.00	153.80 5.87 -13.95	123.57 5.73 -0.06	100.17 3.63 -16.49	111.81 2.40 -54.39	91.08 3.67 -0.61	123.23 2.37 -65.78	98.18 3.08 -23.91	93.23 2.22 -39.24	109.49 4.34 0.00	104.85 4.25 0.00	68.37 2.72 -1.31	55.52 2.25 -2.99
BOC_GAS_DRP 24189	62.80 2.07 0.00	83.35 2.51 0.00	71.52 2.01 0.00	75.21 2.39 0.00	80.55 2.58 0.00	58.95 1.89 -4.17	97.04 3.14 -2.63	122.32 2.03 -55.65	74.68 1.66 -20.04	53.67 1.78 0.00	315.84 4.24 -192.03	145.94 5.39 0.00	151.70 5.13 -12.59	122.52 4.68 -0.06	99.25 3.13 -16.07	109.31 2.15 -52.13	90.73 3.31 -0.62	123.65 2.15 -66.42	98.14 2.80 -24.15	93.41 2.02 -39.63	108.99 3.84 0.00	104.37 3.78 0.00	68.06 2.40 -1.32	55.26 1.95 -3.02
BOONVILLE_115KV_TB1 79983	61.17 0.44 0.00	81.40 0.55 0.00	69.84 0.33 0.00	73.27 0.45 0.00	78.38 0.41 0.00	53.30 0.30 -0.11	91.71 0.43 0.00	65.13 0.49 0.00	53.51 0.53 0.00	52.53 0.64 0.00	121.31 1.74 0.00	142.62 2.07 0.00	135.98 1.99 0.00	119.82 2.04 0.00	81.87 1.55 -0.27	56.97 1.27 -0.68	89.61 2.79 -0.02	58.81 1.96 -1.77	74.32 2.49 -0.64	54.47 1.65 -1.05	108.26 3.11 0.00	103.72 3.13 0.00	65.94 1.57 -0.04	51.38 1.02 -0.08
BORALEX_4TH_BRANCH 23824	65.32 4.60 0.00	86.58 5.73 0.00	74.12 4.62 0.00	77.95 5.13 0.00	83.41 5.44 0.00	60.90 3.85 -4.16	103.82 6.62 -5.92	195.13 5.19 -125.30	102.26 4.14 -45.13	56.17 4.28 0.00	561.96 9.92 -432.47	151.96 11.41 0.00	168.95 10.40 -24.56	127.10 9.26 -0.06	107.40 6.60 -20.75	134.01 4.29 -74.70	94.23 6.81 -0.62	125.98 4.34 -66.57	100.89 5.50 -24.20	95.52 4.04 -39.72	112.97 7.81 0.00	108.07 7.48 0.00	70.44 4.78 -1.33	57.06 3.75 -3.03
BOWLINE___1 23526	63.89 3.16 0.00	84.29 3.44 0.00	72.17 2.67 0.00	75.78 2.96 0.00	81.22 3.25 0.00	58.73 2.62 -3.21	96.64 4.61 -0.76	84.07 3.37 -16.06	61.69 2.93 -5.78	55.09 3.19 0.00	182.89 7.98 -55.34	150.82 10.28 0.00	148.53 9.44 -5.09	125.83 8.00 -0.05	96.62 5.73 -10.83	91.02 4.02 -31.98	93.67 6.37 -0.49	112.13 4.14 -52.92	95.75 5.32 -19.24	87.11 3.77 -31.57	112.03 6.87 0.00	107.05 6.45 0.00	69.44 4.05 -1.06	55.73 3.05 -2.41
BOWLINE___2 23595	63.98 3.25 0.00	84.41 3.57 0.00	72.29 2.79 0.00	75.90 3.08 0.00	81.35 3.38 0.00	58.83 2.73 -3.21	96.80 4.77 -0.76	84.17 3.47 -16.06	61.77 3.01 -5.78	55.16 3.27 0.00	182.97 8.06 -55.34	150.82 10.28 0.00	148.54 9.45 -5.10	125.83 8.00 -0.05	96.62 5.73 -10.84	91.03 4.03 -31.98	93.67 6.37 -0.49	112.14 4.14 -52.92	95.75 5.32 -19.24	87.11 3.77 -31.57	112.03 6.87 0.00	107.05 6.45 0.00	69.44 4.05 -1.06	55.74 3.05 -2.41
BRADY___115KV_TB2 356060	61.14 0.41 0.00	81.98 1.13 0.00	70.79 1.29 0.00	73.71 0.89 0.00	78.80 0.83 0.00	52.88 -0.01 0.00	91.08 -0.19 0.00	64.98 0.35 0.00	53.15 0.17 0.00	51.37 -0.53 0.00	119.37 -0.21 0.00	137.97 -2.58 0.00	131.53 -2.46 0.00	116.31 -1.47 0.00	78.83 -1.22 0.00	53.45 -1.57 0.00	84.65 -2.15 0.00	53.41 -1.67 0.00	69.30 -1.89 0.00	50.68 -1.08 0.00	103.76 -1.40 0.00	99.98 -0.62 0.00	64.29 -0.05 0.00	50.20 -0.08 0.00
BRANSCOMB___SOLAR 323811	64.02 3.30 0.00	84.96 4.12 0.00	72.78 3.28 0.00	76.52 3.70 0.00	81.93 3.96 0.00	60.04 2.85 -4.30	103.60 5.01 -7.32	223.45 3.96 -154.86	111.91 3.16 -55.76	55.09 3.19 0.00	661.34 7.44 -534.33	149.44 8.89 0.00	173.12 9.40 -29.73	126.28 8.44 -0.06	109.22 6.06 -23.11	144.53 4.15 -85.36	94.13 6.68 -0.64	128.06 4.36 -68.62	101.60 5.47 -24.94	96.56 3.85 -40.94	112.60 7.45 0.00	107.65 7.06 0.00	70.14 4.43 -1.37	56.86 3.46 -3.12
BRENTWOD_69_KV_W. BRTWOOD 56703	72.79 6.19 -5.87	88.11 7.25 -0.02	75.14 5.64 0.00	78.83 6.01 0.00	84.69 6.72 0.00	61.27 5.04 -3.33	150.79 8.72 -50.79	189.24 6.41 -118.20	64.13 5.12 -6.03	60.25 5.33 -3.03	212.72 12.98 -80.17	179.76 16.49 -22.72	159.94 15.35 -10.61	144.76 13.63 -13.34	115.73 9.53 -26.15	117.88 6.60 -56.26	113.62 10.54 -16.29	125.35 6.72 -63.55	110.49 8.63 -30.66	104.35 6.16 -46.42	127.35 11.65 -10.55	124.51 11.19 -12.73	72.36 6.93 -1.10	57.96 5.18 -2.49



BRISTLHL_115KV_TB1 79998	59.07 -1.66 0.00	78.46 -2.38 0.00	67.27 -2.24 0.00	70.55 -2.27 0.00	75.57 -2.40 0.00	51.59 -1.56 -0.25	88.30 -2.97 0.00	62.64 -2.00 0.00	51.41 -1.57 0.00	50.46 -1.43 0.00	116.12 -3.45 0.00	136.85 -3.70 0.00	130.58 -3.40 0.00	114.92 -2.86 0.00	78.80 -1.90 -0.64	55.51 -1.12 -1.60	85.24 -1.60 -0.04	58.43 -0.82 -4.17	71.56 -1.14 -1.52	53.23 -1.02 -2.49	102.70 -2.45 0.00	98.18 -2.41 0.00	62.81 -1.61 -0.08	49.33 -1.14 -0.19
BROOKHAVEN___DRP 24191	73.13 6.46 -5.93	88.32 7.46 -0.02	75.26 5.76 0.00	78.74 5.93 0.00	84.35 6.37 0.00	61.06 4.84 -3.33	150.46 8.39 -50.79	189.03 6.20 -118.20	63.91 4.90 -6.03	59.92 5.09 -2.93	210.93 12.06 -79.30	177.54 15.48 -21.51	158.33 14.76 -9.57	142.17 12.99 -11.40	113.16 9.14 -23.97	113.69 6.30 -52.37	110.84 10.15 -13.88	123.16 6.41 -61.68	108.08 8.21 -28.67	102.04 5.86 -44.42	124.67 10.99 -8.53	121.92 10.45 -10.87	72.01 6.58 -1.10	57.83 5.05 -2.49
BROOKLYN_NAVY_YARD 23515	64.35 3.63 0.00	84.85 4.01 0.00	72.67 3.17 0.00	76.26 3.44 0.00	81.77 3.79 0.00	59.30 3.07 -3.33	97.41 5.35 -0.79	85.20 3.81 -16.75	62.34 3.33 -6.03	55.53 3.64 0.00	186.21 8.91 -57.73	151.97 11.42 0.00	149.96 10.68 -5.30	127.01 9.18 -0.05	97.88 6.59 -11.23	92.75 4.57 -33.16	94.42 7.11 -0.51	114.48 4.58 -54.82	97.08 5.96 -19.93	88.70 4.23 -32.71	112.83 7.67 0.00	107.82 7.22 0.00	70.04 4.61 -1.09	56.26 3.49 -2.49
BROOKLYN___ARMY_DRP 323595	144.25 4.33 -79.19	85.65 4.81 0.00	73.33 3.82 0.00	76.93 4.11 0.00	82.42 4.45 0.00	61.33 3.57 -4.86	100.28 6.25 -2.76	85.89 4.50 -16.75	65.99 3.89 -9.12	71.57 4.28 -15.39	187.32 10.01 -57.73	328.42 13.03 -174.84	369.82 12.23 -223.61	369.27 10.56 -240.93	363.58 7.58 -275.94	353.30 5.24 -293.05	325.91 8.25 -230.86	121.40 5.23 -61.09	119.40 6.89 -41.32	118.72 4.94 -62.02	114.09 8.93 0.00	108.96 8.37 0.00	74.45 5.31 -4.80	79.05 4.12 -24.65
BROOKVLE_69_KV_TB1 55790	69.32 5.03 -3.57	86.62 5.77 0.00	74.05 4.55 0.00	77.68 4.86 0.00	83.28 5.30 0.00	60.30 4.08 -3.33	149.13 7.07 -50.79	188.09 5.25 -118.20	63.38 4.37 -6.03	61.40 4.66 -4.85	227.90 11.72 -96.61	200.89 14.83 -45.51	177.85 13.79 -30.08	179.68 11.98 -49.92	155.67 8.43 -67.18	190.44 5.80 -129.61	157.63 9.22 -61.61	159.92 5.94 -98.90	147.05 7.72 -68.14	141.35 5.45 -84.13	163.83 10.23 -48.45	157.93 9.59 -47.75	71.35 5.91 -1.10	57.24 4.46 -2.50
BROOME_2_LFGE 323671	57.95 -0.73 2.04	76.51 -1.20 3.14	67.78 -1.23 0.49	69.52 -1.15 2.15	76.23 -1.12 0.63	53.10 -0.61 -0.82	89.16 -1.15 0.97	70.38 -0.70 -6.45	54.99 -0.46 -2.47	51.72 -0.18 0.00	138.98 -0.88 -20.29	140.38 -0.17 0.00	136.13 0.12 -2.02	117.81 0.02 -0.02	84.25 0.36 -3.83	67.10 0.55 -11.53	88.03 1.06 -0.17	74.01 0.84 -18.09	78.78 1.02 -6.58	63.02 0.46 -10.80	105.63 0.48 0.00	100.99 0.40 0.00	64.89 0.19 -0.36	51.39 0.29 -0.82
BROOME___LFGE 323600	57.95 -0.73 2.04	76.51 -1.20 3.14	67.78 -1.23 0.49	69.52 -1.15 2.15	76.23 -1.12 0.63	53.10 -0.61 -0.82	89.16 -1.15 0.97	70.38 -0.70 -6.45	54.99 -0.46 -2.47	51.72 -0.18 0.00	138.98 -0.88 -20.29	140.38 -0.17 0.00	136.13 0.12 -2.02	117.81 0.02 -0.02	84.25 0.36 -3.83	67.10 0.55 -11.53	88.03 1.06 -0.17	74.01 0.84 -18.09	78.78 1.02 -6.58	63.02 0.46 -10.80	105.63 0.48 0.00	100.99 0.40 0.00	64.89 0.19 -0.36	51.39 0.29 -0.82
BROWNFLS_115KV_TB_3_5 80003	59.59 -1.14 0.00	79.62 -1.22 0.00	68.52 -0.98 0.00	71.61 -1.21 0.00	76.41 -1.56 0.00	51.34 -1.64 -0.09	87.79 -3.48 0.00	62.58 -2.06 0.00	51.33 -1.66 0.00	49.99 -1.90 0.00	116.61 -2.96 0.00	135.95 -4.59 0.00	129.44 -4.54 0.00	114.22 -3.56 0.00	77.98 -2.29 -0.22	53.61 -1.95 -0.54	84.78 -2.04 -0.01	55.29 -1.20 -1.41	70.33 -1.37 -0.51	51.65 -0.96 -0.84	103.48 -1.68 0.00	99.88 -0.71 0.00	63.90 -0.46 -0.03	49.80 -0.54 -0.06
BROWNSV1_27_KV_LOAD 356125	65.18 4.45 0.00	85.96 5.12 0.00	73.59 4.08 0.00	77.20 4.38 0.00	82.75 4.78 0.00	59.96 3.74 -3.33	98.62 6.55 -0.79	86.04 4.66 -16.75	63.06 4.05 -6.03	56.27 4.38 0.00	187.90 10.60 -57.73	154.02 13.47 0.00	151.87 12.59 -5.30	128.72 10.89 -0.05	99.02 7.74 -11.23	93.54 5.36 -33.16	95.72 8.41 -0.51	115.30 5.40 -54.82	98.15 7.03 -19.93	89.46 4.99 -32.71	114.35 9.20 0.00	109.25 8.65 0.00	70.91 5.48 -1.09	56.94 4.16 -2.49
BURROWS___LYONSDAL 23803	60.56 -0.16 0.00	80.61 -0.23 0.00	69.16 -0.34 0.00	72.56 -0.26 0.00	77.59 -0.38 0.00	52.70 -0.31 -0.11	90.62 -0.65 0.00	64.40 -0.23 0.00	52.93 -0.06 0.00	51.95 0.05 0.00	120.06 0.49 0.00	141.07 0.52 0.00	134.51 0.52 0.00	118.60 0.82 0.00	81.14 0.80 -0.28	56.47 0.76 -0.70	89.04 2.22 -0.02	58.57 1.68 -1.82	74.04 2.19 -0.66	54.25 1.40 -1.08	107.81 2.66 0.00	103.38 2.78 0.00	65.63 1.26 -0.04	51.08 0.71 -0.08
CAITHNESS_CC_1 323624	72.66 6.00 -5.94	87.95 7.10 -0.02	75.03 5.53 0.00	78.53 5.71 0.00	84.15 6.18 0.00	60.92 4.70 -3.33	150.19 8.13 -50.79	188.84 6.00 -118.20	63.75 4.74 -6.03	59.77 4.95 -2.93	210.62 11.77 -79.28	177.12 15.09 -21.48	157.93 14.39 -9.55	141.78 12.65 -11.35	112.86 8.89 -23.91	113.41 6.12 -52.27	110.48 9.86 -13.82	122.93 6.22 -61.63	107.80 7.98 -28.62	101.83 5.70 -44.37	124.33 10.69 -8.48	121.61 10.20 -10.82	71.85 6.41 -1.10	57.67 4.90 -2.49
CALPINE BETH_PAGE_GT4 24209	70.77 5.00 -5.05	86.55 5.70 -0.01	73.88 4.38 0.00	77.48 4.66 0.00	83.06 5.09 0.00	60.16 3.94 -3.33	148.84 6.77 -50.79	187.94 5.10 -118.20	63.17 4.16 -6.03	60.69 4.53 -4.27	222.43 11.45 -91.41	193.50 14.65 -38.30	171.50 13.60 -23.92	168.11 11.98 -38.35	142.68 8.42 -54.20	167.20 5.77 -106.41	143.27 9.19 -47.28	148.69 5.89 -87.72	135.14 7.66 -56.29	129.39 5.42 -72.21	151.79 10.18 -36.45	146.84 9.57 -36.67	71.35 5.91 -1.10	57.19 4.41 -2.50
CALPINE_BETH_PAGE_GT_4 323586	70.57 4.79 -5.05	86.48 5.62 -0.01	73.89 4.38 0.00	77.47 4.65 0.00	83.06 5.09 0.00	60.16 3.94 -3.33	148.83 6.77 -50.79	187.94 5.11 -118.20	63.17 4.16 -6.03	60.70 4.53 -4.27	222.38 11.40 -91.41	193.47 14.62 -38.30	171.53 13.62 -23.92	168.11 11.98 -38.35	142.69 8.43 -54.20	167.20 5.77 -106.41	143.26 9.19 -47.28	148.70 5.89 -87.72	135.15 7.67 -56.29	129.41 5.44 -72.21	151.80 10.18 -36.45	146.84 9.57 -36.67	71.35 5.91 -1.10	57.20 4.42 -2.50
CALPINE_BP_GT1 23823	70.57 4.79 -5.05	86.48 5.62 -0.01	73.89 4.38 0.00	77.47 4.65 0.00	83.06 5.09 0.00	60.16 3.94 -3.33	148.83 6.77 -50.79	187.94 5.11 -118.20	63.17 4.16 -6.03	60.70 4.53 -4.27	222.38 11.40 -91.41	193.47 14.62 -38.30	171.53 13.62 -23.92	168.11 11.98 -38.35	142.69 8.43 -54.20	167.20 5.77 -106.41	143.26 9.19 -47.28	148.70 5.89 -87.72	135.15 7.67 -56.29	129.41 5.44 -72.21	151.80 10.18 -36.45	146.84 9.57 -36.67	71.35 5.91 -1.10	57.20 4.42 -2.50
CALSPAN___DRP 24200	50.92 -5.16 4.64	64.00 -7.09 9.75	61.27 -6.49 1.74	58.63 -6.58 7.61	68.55 -7.21 2.22	47.72 -4.72 0.46	75.80 -8.92 6.56	54.16 -5.90 4.58	45.77 -4.88 2.33	41.77 -4.45 5.68	84.90 -11.47 23.20	109.21 -12.21 19.13	109.12 -11.59 13.28	106.94 -10.21 0.63	73.94 -6.57 -0.45	56.55 -4.02 -5.55	81.52 -5.37 -0.09	61.66 -2.74 -9.32	70.71 -3.87 -3.39	53.53 -3.80 -5.56	96.04 -8.34 0.77	92.64 -7.95 0.00	60.02 -4.50 -0.19	47.95 -2.76 -0.42

CALVERTON___SOLAR 323806	73.18 6.52 -5.93	88.56 7.70 -0.02	75.48 5.97 0.00	78.93 6.11 0.00	84.54 6.57 0.00	61.18 4.96 -3.33	150.67 8.61 -50.79	189.19 6.36 -118.20	64.05 5.04 -6.03	60.07 5.24 -2.93	211.07 12.19 -79.31	177.80 15.73 -21.52	158.74 15.17 -9.59	142.47 13.27 -11.42	113.40 9.35 -23.99	113.88 6.46 -52.41	111.12 10.42 -13.91	123.36 6.58 -61.70	108.30 8.42 -28.69	102.21 6.01 -44.44	124.98 11.27 -8.55	122.15 10.67 -10.89	72.17 6.74 -1.10	57.95 5.18 -2.49
CANDIGU_WT_PWR 323617	47.29 -5.29 8.15	46.67 -7.24 26.94	60.00 -6.43 3.08	52.75 -6.55 13.52	67.06 -6.97 3.94	47.25 -4.59 1.06	61.90 -7.99 21.38	41.90 -5.27 17.46	37.76 -3.95 11.27	17.30 -3.29 31.30	26.52 -8.63 84.42	25.85 -9.29 105.41	49.34 -8.91 75.74	106.57 -7.69 3.52	70.28 -4.23 5.54	60.82 -1.92 -7.72	84.57 -2.34 -0.12	66.56 -0.94 -12.42	73.90 -1.81 -4.52	57.15 -2.02 -7.41	96.36 -4.55 4.24	95.80 -4.79 0.00	61.48 -3.10 -0.25	48.86 -1.98 -0.56
CARR STREET_E_SYR 24060	59.56 -1.17 0.00	79.11 -1.73 0.00	67.82 -1.69 0.00	71.17 -1.65 0.00	76.21 -1.76 0.00	52.13 -1.09 -0.32	89.16 -2.12 0.00	63.25 -1.38 0.00	51.92 -1.07 0.00	50.99 -0.91 0.00	117.17 -2.40 0.00	138.28 -2.26 0.00	131.92 -2.06 0.00	115.97 -1.81 0.00	79.80 -1.07 -0.81	56.57 -0.48 -2.04	86.26 -0.59 -0.05	60.17 -0.20 -5.29	72.77 -0.35 -1.93	54.46 -0.47 -3.16	103.81 -1.34 0.00	99.22 -1.37 0.00	63.51 -0.93 -0.10	49.91 -0.61 -0.24
CARTHAGE___PAPER 23857	59.81 -0.92 0.00	79.64 -1.21 0.00	68.33 -1.17 0.00	71.65 -1.17 0.00	76.48 -1.49 0.00	51.82 -1.22 -0.15	88.97 -2.30 0.00	63.41 -1.23 0.00	52.11 -0.88 0.00	50.97 -0.92 0.00	118.17 -1.40 0.00	138.75 -1.80 0.00	132.19 -1.79 0.00	116.41 -1.37 0.00	79.98 -0.45 -0.38	55.96 0.00 -0.95	88.40 1.58 -0.02	59.00 1.46 -0.20	74.01 1.93 -0.90	54.46 1.23 -1.47	107.48 2.33 0.00	103.30 2.70 0.00	65.28 0.89 -0.05	50.71 0.32 -0.11
CASSADAGA_WT_PWR 323784	48.13 -7.47 5.13	60.76 -10.22 9.85	58.75 -8.83 1.92	55.36 -9.05 8.41	65.52 -10.00 2.45	45.95 -6.41 0.54	73.85 -11.11 6.31	54.08 -6.79 3.77	45.70 -5.52 1.76	42.53 -5.08 4.29	86.83 -12.56 20.17	112.56 -13.54 14.44	111.91 -12.27 9.81	107.45 -9.86 0.47	75.00 -5.97 -0.91	57.08 -3.77 -5.83	82.93 -3.96 -0.09	62.91 -1.95 -9.78	71.42 -3.33 -3.56	54.48 -3.12 -5.83	97.33 -7.24 0.58	94.35 -6.24 0.00	61.16 -3.37 -0.19	48.69 -2.04 -0.44
CE_DUNWOOD___DRP 24194	64.49 3.76 0.00	85.12 4.28 0.00	72.88 3.38 0.00	76.52 3.70 0.00	82.03 4.05 0.00	59.41 3.19 -3.32	97.60 5.54 -0.79	85.33 3.97 -16.72	62.42 3.42 -6.02	55.62 3.73 0.00	186.27 9.07 -57.63	152.08 11.53 0.00	149.95 10.68 -5.29	127.00 9.17 -0.05	97.82 6.55 -11.21	92.65 4.53 -33.10	94.48 7.17 -0.51	114.41 4.62 -54.71	97.06 5.98 -19.89	88.65 4.24 -32.64	112.96 7.81 0.00	107.96 7.36 0.00	70.06 4.63 -1.09	56.31 3.54 -2.49
CE_MILLWOOD___DRP 24193	64.37 3.64 0.00	84.96 4.12 0.00	72.76 3.26 0.00	76.39 3.57 0.00	81.89 3.91 0.00	59.29 3.08 -3.31	97.42 5.35 -0.79	85.16 3.87 -16.65	62.30 3.33 -5.99	55.51 3.61 0.00	185.78 8.82 -57.39	151.74 11.19 0.00	149.65 10.40 -5.27	126.74 8.91 -0.05	97.55 6.33 -11.16	92.37 4.39 -32.97	94.26 6.95 -0.51	114.06 4.49 -54.49	96.81 5.81 -19.81	88.39 4.11 -32.51	112.73 7.57 0.00	107.74 7.14 0.00	69.92 4.50 -1.09	56.17 3.41 -2.48
CE_NYC2_DRP 24202	64.73 4.00 0.00	85.34 4.50 0.00	73.08 3.57 0.00	76.70 3.88 0.00	82.19 4.22 0.00	59.58 3.36 -3.33	97.92 5.85 -0.79	85.62 4.22 -16.75	62.67 3.66 -6.03	55.90 4.00 0.00	186.96 9.66 -57.73	152.99 12.44 0.00	150.94 11.66 -5.30	127.89 10.06 -0.05	98.48 7.19 -11.23	93.13 4.94 -33.17	95.11 7.80 -0.51	114.89 4.99 -54.83	97.61 6.49 -19.93	89.08 4.61 -32.71	113.51 8.35 0.00	108.44 7.85 0.00	70.39 4.96 -1.09	56.55 3.78 -2.49
CE_NYC_DRP 24195	64.59 3.87 0.00	85.19 4.34 0.00	72.94 3.44 0.00	76.54 3.72 0.00	82.05 4.08 0.00	59.48 3.26 -3.33	97.77 5.70 -0.79	85.45 4.06 -16.75	62.55 3.54 -6.03	55.77 3.87 0.00	186.70 9.41 -57.73	152.58 12.03 0.00	150.51 11.23 -5.30	127.52 9.70 -0.05	98.17 6.88 -11.23	92.95 4.77 -33.16	94.81 7.49 -0.51	114.72 4.82 -54.82	97.38 6.26 -19.93	88.92 4.45 -32.71	113.26 8.11 0.00	108.23 7.64 0.00	70.26 4.83 -1.09	56.45 3.67 -2.49
CHAFFEE___LFGE 323603	51.08 -4.70 4.95	64.64 -6.46 9.74	61.64 -6.00 1.86	58.62 -6.08 8.12	68.95 -6.66 2.37	48.03 -4.37 0.50	76.75 -8.21 6.31	55.35 -5.33 3.95	46.67 -4.43 1.89	43.28 -4.00 4.61	88.40 -10.40 20.78	114.09 -10.93 15.53	112.90 -10.47 10.61	107.91 -9.35 0.51	74.88 -5.98 -0.81	57.20 -3.60 -5.78	82.13 -4.76 -0.09	62.40 -2.37 -9.69	71.36 -3.36 -3.52	54.16 -3.39 -5.78	97.00 -7.53 0.62	93.36 -7.23 0.00	60.44 -4.09 -0.19	48.28 -2.45 -0.44
CHATEAUG_35_KV_LOAD 355732	60.35 -0.37 0.00	80.68 -0.17 0.00	69.47 -0.04 0.00	72.49 -0.33 0.00	77.55 -0.42 0.00	51.72 -1.17 0.00	89.07 -2.21 0.00	63.07 -1.56 0.00	51.75 -1.23 0.00	50.53 -1.37 0.00	117.03 -2.54 0.00	137.09 -3.45 0.00	129.80 -4.18 0.00	114.16 -3.62 0.00	77.55 -2.51 0.00	53.22 -1.80 0.00	83.77 -3.03 0.00	53.22 -1.85 0.00	69.05 -2.14 0.00	50.53 -1.24 0.00	103.23 -1.93 0.00	98.73 -1.86 0.00	63.35 -0.99 0.00	49.33 -0.95 0.00
CHATEAUG_WT_PWR 323614	60.25 -0.47 0.00	80.52 -0.32 0.00	69.29 -0.21 0.00	72.30 -0.52 0.00	77.49 -0.48 0.00	51.63 -1.26 0.00	88.85 -2.42 0.00	62.89 -1.75 0.00	51.58 -1.40 0.00	50.40 -1.49 0.00	116.94 -2.63 0.00	136.89 -3.65 0.00	129.57 -4.42 0.00	114.03 -3.75 0.00	77.43 -2.63 0.00	53.18 -1.84 0.00	83.75 -3.05 0.00	53.14 -1.94 0.00	68.90 -2.30 0.00	50.44 -1.33 0.00	103.02 -2.14 0.00	98.53 -2.07 0.00	63.23 -1.11 0.00	49.26 -1.02 0.00
CHAT_HIGH_FALL_HYD 323578	60.35 -0.37 0.00	80.68 -0.17 0.00	69.47 -0.04 0.00	72.49 -0.33 0.00	77.55 -0.42 0.00	51.72 -1.17 0.00	89.07 -2.21 0.00	63.07 -1.56 0.00	51.75 -1.23 0.00	50.53 -1.37 0.00	117.03 -2.54 0.00	137.09 -3.45 0.00	129.80 -4.18 0.00	114.16 -3.62 0.00	77.55 -2.51 0.00	53.22 -1.80 0.00	83.77 -3.03 0.00	53.22 -1.85 0.00	69.05 -2.14 0.00	50.53 -1.24 0.00	103.23 -1.93 0.00	98.73 -1.86 0.00	63.35 -0.99 0.00	49.33 -0.95 0.00
CHAUTAUQUA___LFGE 323629	49.64 -6.23 4.86	62.42 -8.51 9.92	60.10 -7.58 1.82	57.15 -7.70 7.98	67.19 -8.46 2.33	46.94 -5.46 0.49	74.77 -9.94 6.57	54.01 -6.24 4.39	45.67 -5.14 2.18	41.84 -4.73 5.32	85.03 -11.98 22.57	109.96 -12.68 17.90	109.68 -11.93 12.37	107.15 -10.04 0.59	74.31 -6.33 -0.59	56.72 -3.96 -5.67	82.28 -4.61 -0.09	62.36 -2.22 -9.51	71.15 -3.50 -3.46	54.07 -3.36 -5.67	96.79 -7.64 0.72	93.57 -7.02 0.00	60.66 -3.87 -0.19	48.36 -2.36 -0.43
CHERRYST_13_KV_LD 356241	64.76 4.03 0.00	85.41 4.57 0.00	73.12 3.62 0.00	76.73 3.91 0.00	82.27 4.30 0.00	59.63 3.41 -3.33	98.01 5.94 -0.79	85.62 4.23 -16.75	62.71 3.70 -6.03	55.93 4.03 0.00	187.09 9.79 -57.73	153.02 12.48 0.00	150.93 11.65 -5.30	127.91 10.08 -0.05	98.44 7.15 -11.23	93.14 4.96 -33.16	95.09 7.78 -0.51	114.90 5.00 -54.82	97.60 6.49 -19.93	89.07 4.60 -32.71	113.58 8.42 0.00	108.53 7.94 0.00	70.45 5.02 -1.09	56.58 3.81 -2.49















FPL FAR_ROCK_GT2 23815	70.94 5.63 -4.59	87.49 6.64 0.00	74.71 5.20 0.00	78.35 5.53 0.00	83.99 6.01 0.00	60.79 4.56 -3.33	149.97 7.90 -50.79	188.78 5.95 -118.20	63.95 4.93 -6.03	69.20 5.28 -12.03	294.12 13.08 -161.47	292.12 16.13 -135.44	255.74 14.83 -106.92	324.88 12.86 -194.24	318.24 9.06 -229.12	480.32 6.23 -419.07	336.53 9.27 -240.45	299.38 5.92 -238.38	294.91 7.67 -216.05	290.16 5.46 -232.94	313.48 10.33 -198.00	297.04 10.48 -185.97	72.10 6.63 -1.14	57.75 4.96 -2.51
FRANKLIN_FALL_HYD 24054	61.11 0.38 0.00	81.74 0.89 0.00	70.37 0.87 0.00	73.43 0.61 0.00	78.51 0.54 0.00	52.37 -0.53 0.00	90.08 -1.19 0.00	63.96 -0.68 0.00	52.50 -0.48 0.00	51.19 -0.71 0.00	118.94 -0.63 0.00	138.78 -1.76 0.00	131.61 -2.38 0.00	115.98 -1.80 0.00	78.71 -1.35 0.00	53.78 -1.24 0.00	84.86 -1.94 0.00	53.91 -1.17 0.00	69.96 -1.24 0.00	51.15 -0.62 0.00	104.37 -0.78 0.00	100.07 -0.52 0.00	64.32 -0.02 0.00	50.09 -0.19 0.00
FREEPORT_EQU_S_GT1 23764	70.62 5.18 -4.71	86.93 6.08 0.00	74.24 4.74 0.00	77.86 5.04 0.00	83.47 5.50 0.00	60.43 4.21 -3.33	149.34 7.27 -50.79	188.32 5.49 -118.20	63.52 4.50 -6.03	62.64 4.87 -5.87	237.12 11.68 -105.87	213.76 14.87 -58.35	188.92 13.88 -41.05	200.80 12.51 -70.52	179.18 8.82 -90.30	231.82 5.87 -170.93	183.29 9.35 -87.14	179.90 6.01 -118.81	168.48 8.03 -89.26	162.82 5.68 -105.37	185.66 10.71 -69.79	178.14 10.06 -67.48	71.68 6.23 -1.11	57.44 4.66 -2.50
FREEPORT___CT2 23818	70.62 5.18 -4.71	86.93 6.08 0.00	74.24 4.74 0.00	77.86 5.04 0.00	83.47 5.50 0.00	60.43 4.21 -3.33	149.34 7.27 -50.79	188.32 5.49 -118.20	63.52 4.50 -6.03	62.64 4.87 -5.87	237.12 11.68 -105.87	213.76 14.87 -58.35	188.92 13.88 -41.05	200.80 12.51 -70.52	179.18 8.82 -90.30	231.82 5.87 -170.93	183.29 9.35 -87.14	179.90 6.01 -118.81	168.48 8.03 -89.26	162.82 5.68 -105.37	185.66 10.71 -69.79	178.14 10.06 -67.48	71.68 6.23 -1.11	57.44 4.66 -2.50
FRESHKLS_33_KV_LOAD 356253	144.18 4.26 -79.19	85.41 4.57 0.00	73.14 3.64 0.00	76.64 3.82 0.00	82.04 4.06 0.00	61.13 3.37 -4.86	99.91 5.88 -2.76	85.61 4.22 -16.75	65.75 3.65 -9.12	71.38 4.10 -15.39	186.47 9.16 -57.73	327.68 12.30 -174.84	369.16 11.57 -223.61	368.65 9.94 -240.93	363.28 7.28 -275.94	353.11 5.05 -293.05	325.61 7.95 -230.86	121.17 5.00 -61.09	119.19 6.68 -41.32	118.60 4.81 -62.02	113.70 8.54 0.00	108.63 8.04 0.00	74.28 5.14 -4.80	79.05 4.11 -24.65
FULTON COGEN____ 23766	59.07 -1.66 0.00	78.46 -2.38 0.00	67.27 -2.24 0.00	70.55 -2.27 0.00	75.57 -2.40 0.00	51.59 -1.56 -0.25	88.30 -2.97 0.00	62.64 -2.00 0.00	51.41 -1.57 0.00	50.46 -1.43 0.00	116.12 -3.45 0.00	136.85 -3.70 0.00	130.58 -3.40 0.00	114.92 -2.86 0.00	78.80 -1.90 -0.64	55.51 -1.12 -1.60	85.24 -1.60 -0.04	58.43 -0.82 -4.17	71.56 -1.14 -1.52	53.23 -1.02 -2.49	102.70 -2.45 0.00	98.18 -2.41 0.00	62.81 -1.61 -0.08	49.33 -1.14 -0.19
FULTON___LFGE 323630	64.01 3.28 0.00	85.18 4.34 0.00	73.14 3.64 0.00	76.76 3.94 0.00	82.18 4.20 0.00	60.49 2.92 -4.67	103.70 5.02 -7.41	225.04 3.68 -156.72	112.34 2.92 -56.43	54.69 2.80 0.00	666.69 6.42 -540.70	148.37 7.83 0.00	171.69 7.82 -29.89	124.16 6.32 -0.07	109.02 4.92 -24.04	146.68 3.84 -87.83	93.94 6.45 -0.70	133.93 4.24 -74.62	103.67 5.35 -27.12	99.94 3.65 -44.52	112.26 7.11 0.00	107.22 6.62 0.00	69.96 4.14 -1.49	56.71 3.03 -3.39
G.F.CEMENT___DRP 24184	63.83 3.11 0.00	84.63 3.79 0.00	72.51 3.01 0.00	76.27 3.45 0.00	81.70 3.72 0.00	59.89 2.68 -4.32	103.75 4.87 -7.62	229.75 4.00 -161.11	114.28 3.28 -58.01	55.16 3.26 0.00	682.83 7.37 -555.89	149.41 8.87 0.00	175.39 10.59 -30.82	127.57 9.73 -0.06	110.77 7.11 -23.60	147.51 4.90 -87.58	95.42 7.97 -0.64	129.34 5.23 -69.03	102.77 6.48 -25.09	97.48 4.52 -41.19	113.88 8.73 0.00	108.82 8.23 0.00	70.84 5.13 -1.38	57.43 4.01 -3.14
GARDENVILLE___LBMP 24039	50.75 -5.34 4.64	63.36 -7.31 10.18	61.09 -6.67 1.74	58.46 -6.74 7.63	68.33 -7.43 2.22	47.58 -4.86 0.46	75.11 -9.16 6.99	53.40 -6.06 5.17	45.27 -5.01 2.71	40.73 -4.57 6.60	82.09 -11.74 25.74	105.78 -12.53 22.24	106.49 -11.93 15.56	106.55 -10.49 0.74	73.52 -6.74 -0.20	56.40 -4.14 -5.52	81.35 -5.54 -0.09	61.48 -2.86 -9.26	70.52 -4.03 -3.37	53.38 -3.92 -5.53	95.70 -8.56 0.90	92.44 -8.15 0.00	59.89 -4.63 -0.18	47.84 -2.86 -0.42
GARDNVLA_35_KV_LD 355827	50.99 -5.09 4.64	64.26 -6.98 9.59	61.36 -6.40 1.74	58.72 -6.49 7.61	68.62 -7.13 2.22	47.78 -4.66 0.45	76.02 -8.86 6.39	54.47 -5.81 4.35	45.98 -4.82 2.19	42.18 -4.39 5.34	85.99 -11.32 22.26	110.53 -12.04 17.97	110.17 -11.39 12.43	107.15 -10.04 0.59	74.15 -6.45 -0.55	56.66 -3.92 -5.57	81.63 -5.26 -0.09	61.78 -2.64 -9.34	70.83 -3.75 -3.40	53.63 -3.71 -5.57	96.28 -8.15 0.72	92.78 -7.81 0.00	60.12 -4.40 -0.19	48.03 -2.68 -0.42
GELCKHM___115KV_LOAD 80723	59.81 -0.92 0.00	79.48 -1.36 0.00	68.08 -1.42 0.00	71.46 -1.36 0.00	76.58 -1.40 0.00	52.35 -0.86 -0.31	89.55 -1.73 0.00	63.54 -1.10 0.00	52.16 -0.82 0.00	51.20 -0.69 0.00	117.65 -1.92 0.00	138.88 -1.67 0.00	132.39 -1.60 0.00	116.40 -1.38 0.00	80.10 -0.76 -0.79	56.74 -0.26 -1.99	86.64 -0.21 -0.05	60.28 0.04 -5.16	73.01 -0.05 -1.88	54.57 -0.28 -3.08	104.25 -0.91 0.00	99.64 -0.95 0.00	63.76 -0.68 -0.10	50.10 -0.41 -0.23
GENERAL___MILLS 23808	50.92 -5.16 4.64	64.00 -7.09 9.75	61.27 -6.49 1.74	58.63 -6.58 7.61	68.55 -7.21 2.22	47.72 -4.72 0.46	75.80 -8.92 6.56	54.16 -5.90 4.58	45.77 -4.88 2.33	41.77 -4.45 5.68	84.90 -11.47 23.20	109.21 -12.21 19.13	109.12 -11.59 13.28	106.94 -10.21 0.63	73.94 -6.57 -0.45	56.55 -4.02 -5.55	81.52 -5.37 -0.09	61.66 -2.74 -9.32	70.71 -3.87 -3.39	53.53 -3.80 -5.56	96.04 -8.34 0.77	92.64 -7.95 0.00	60.02 -4.50 -0.19	47.95 -2.76 -0.42
GE_PLASTICS___DRP 24183	63.07 2.35 0.00	83.71 2.87 0.00	71.83 2.33 0.00	75.53 2.71 0.00	80.87 2.89 0.00	59.15 2.09 -4.17	98.04 3.50 -3.27	136.17 -2.39 -69.14	79.83 1.94 -24.90	53.98 2.09 0.00	363.09 4.93 -238.59	146.66 6.11 0.00	154.70 5.81 -14.90	123.15 5.31 -0.06	100.51 3.48 -16.97	113.79 2.29 -56.47	90.89 3.48 -0.62	123.75 2.26 -66.41	98.30 2.97 -24.14	93.52 2.14 -39.62	109.29 4.14 0.00	104.65 4.06 0.00	68.25 2.58 -1.32	55.44 2.13 -3.02
GILBOA___1 23756	62.78 2.05 0.00	83.47 2.62 0.00	71.63 2.13 0.00	75.69 2.87 0.00	81.08 3.11 0.00	58.47 2.33 -3.25	95.54 3.84 -0.42	76.00 2.47 -8.88	58.08 1.89 -3.20	53.78 1.89 0.00	154.72 4.52 -30.63	146.36 5.82 0.00	143.83 5.95 -3.90	122.84 5.01 -0.05	93.73 3.30 -10.37	87.17 2.37 -29.78	90.91 3.62 -0.49	110.22 2.34 -52.81	93.39 3.01 -19.19	85.37 2.10 -31.50	109.04 3.88 0.00	104.57 3.98 0.00	67.91 2.52 -1.05	54.65 1.97 -2.40
GILBOA___2 23757	62.78 2.05 0.00	83.47 2.62 0.00	71.63 2.13 0.00	75.69 2.87 0.00	81.08 3.11 0.00	58.47 2.33 -3.25	95.54 3.84 -0.42	76.00 2.47 -8.88	58.08 1.89 -3.20	53.78 1.89 0.00	154.72 4.52 -30.63	146.36 5.82 0.00	143.83 5.95 -3.90	122.84 5.01 -0.05	93.73 3.30 -10.37	87.17 2.37 -29.78	90.91 3.62 -0.49	110.22 2.34 -52.81	93.39 3.01 -19.19	85.37 2.10 -31.50	109.04 3.88 0.00	104.57 3.98 0.00	67.91 2.52 -1.05	54.65 1.97 -2.40

GILBOA___3 23758	62.78 2.05 0.00	83.47 2.62 0.00	71.63 2.13 0.00	75.69 2.87 0.00	81.08 3.11 0.00	58.47 2.33 -3.25	95.54 3.84 -0.42	76.00 2.47 -8.88	58.08 1.89 -3.20	53.78 1.89 0.00	154.72 4.52 -30.63	146.36 5.82 0.00	143.83 5.95 -3.90	122.84 5.01 -0.05	93.73 3.30 -10.37	87.17 2.37 -29.78	90.91 3.62 -0.49	110.22 2.34 -52.81	93.39 3.01 -19.19	85.37 2.10 -31.50	109.04 3.88 0.00	104.57 3.98 0.00	67.91 2.52 -1.05	54.65 1.97 -2.40
GILBOA___4 23759	62.78 2.05 0.00	83.47 2.62 0.00	71.63 2.13 0.00	75.69 2.87 0.00	81.08 3.11 0.00	58.47 2.33 -3.25	95.54 3.84 -0.42	76.00 2.47 -8.88	58.08 1.89 -3.20	53.78 1.89 0.00	154.72 4.52 -30.63	146.36 5.82 0.00	143.83 5.95 -3.90	122.84 5.01 -0.05	93.73 3.30 -10.37	87.17 2.37 -29.78	90.91 3.62 -0.49	110.22 2.34 -52.81	93.39 3.01 -19.19	85.37 2.10 -31.50	109.04 3.88 0.00	104.57 3.98 0.00	67.91 2.52 -1.05	54.65 1.97 -2.40
GILBOA___ 23599	62.79 2.06 0.00	83.47 2.63 0.00	71.64 2.13 0.00	75.69 2.87 0.00	81.08 3.11 0.00	58.47 2.33 -3.25	95.54 3.84 -0.42	76.00 2.48 -8.88	58.08 1.90 -3.20	53.79 1.89 0.00	154.73 4.53 -30.63	146.38 5.84 0.00	143.83 5.95 -3.90	122.84 5.01 -0.05	93.73 3.30 -10.37	87.17 2.38 -29.78	90.91 3.62 -0.49	110.22 2.34 -52.81	93.39 3.01 -19.19	85.37 2.10 -31.50	109.04 3.88 0.00	104.58 3.98 0.00	67.91 2.52 -1.05	54.65 1.97 -2.40
GINNA___ 23603	53.73 -4.70 2.31	70.85 -6.45 3.54	62.85 -5.79 0.87	63.06 -5.97 3.79	70.44 -6.43 1.10	48.57 -4.22 0.10	81.59 -7.75 1.93	58.93 -5.25 0.46	48.69 -4.30 0.00	47.83 -4.06 0.00	105.94 -9.85 3.78	129.72 -10.83 0.00	123.53 -10.45 0.00	108.62 -9.17 -0.01	75.08 -5.99 -1.02	53.82 -3.75 -2.56	81.36 -5.50 -0.06	58.65 -3.07 -6.64	69.43 -4.17 -2.41	52.16 -3.57 -3.96	97.26 -7.89 0.00	92.98 -7.61 0.00	59.79 -4.68 -0.13	47.28 -3.30 -0.30
GLEN PARK___ 23778	59.74 -0.99 0.00	79.43 -1.42 0.00	68.08 -1.42 0.00	71.45 -1.37 0.00	76.29 -1.68 0.00	51.84 -1.23 -0.17	89.03 -2.24 0.00	63.47 -1.16 0.00	52.22 -0.76 0.00	51.06 -0.83 0.00	118.26 -1.31 0.00	139.10 -1.44 0.00	132.54 -1.44 0.00	116.70 -1.08 0.00	80.36 -0.13 -0.43	56.50 0.41 -1.08	89.05 2.22 -0.03	59.85 1.97 -2.79	74.74 2.53 -1.02	55.05 1.62 -1.67	108.09 2.94 0.00	103.75 3.15 0.00	65.37 0.98 -0.06	50.79 0.38 -0.13
GLENDALE_27_KV_LOAD 356172	64.98 4.25 0.00	85.69 4.85 0.00	73.37 3.87 0.00	76.99 4.17 0.00	82.50 4.53 0.00	59.80 3.57 -3.33	98.29 6.22 -0.79	85.89 4.50 -16.75	62.91 3.90 -6.03	56.14 4.25 0.00	187.54 10.23 -57.73	153.66 13.12 0.00	151.59 12.30 -5.30	128.47 10.64 -0.05	98.89 7.60 -11.23	93.41 5.23 -33.17	95.56 8.25 -0.51	115.17 5.26 -54.83	97.98 6.86 -19.93	89.34 4.87 -32.71	114.03 8.88 0.00	108.94 8.35 0.00	70.68 5.25 -1.09	56.80 4.02 -2.49
GLENWOOD_IC_1_G5 23712	68.65 4.72 -3.21	86.24 5.39 0.00	73.73 4.23 0.00	77.37 4.55 0.00	82.94 4.97 0.00	60.05 3.83 -3.33	148.72 6.65 -50.79	187.76 4.93 -118.20	63.12 4.11 -6.03	60.96 4.33 -4.74	226.26 11.08 -95.62	198.74 14.06 -44.13	175.95 13.06 -28.91	176.81 11.33 -47.71	152.76 8.00 -64.70	185.73 5.53 -125.18	154.43 8.76 -58.87	157.48 5.64 -96.77	144.38 7.31 -65.88	138.78 5.17 -81.85	160.98 9.67 -46.15	155.29 9.06 -45.64	71.02 5.58 -1.10	56.99 4.22 -2.50
GLENWOOD_IC_2_G1 23688	66.19 4.26 -1.20	85.77 4.93 0.00	73.38 3.88 0.00	77.00 4.18 0.00	82.56 4.59 0.00	59.79 3.57 -3.33	148.25 6.18 -50.79	187.39 4.56 -118.20	62.85 3.84 -6.03	59.60 4.14 -3.56	214.82 10.26 -84.99	182.98 13.03 -29.41	162.45 12.14 -16.32	152.32 10.47 -24.07	125.67 7.43 -38.18	137.93 5.14 -77.77	124.51 8.13 -29.58	134.22 5.22 -73.92	119.62 6.77 -41.65	114.05 4.80 -57.48	135.76 8.95 -21.66	132.00 8.41 -23.00	70.63 5.19 -1.09	56.72 3.95 -2.49
GLENWOOD_IC_3_G1 23689	66.19 4.26 -1.20	85.77 4.93 0.00	73.38 3.88 0.00	77.00 4.18 0.00	82.56 4.59 0.00	59.79 3.57 -3.33	148.25 6.18 -50.79	187.39 4.56 -118.20	62.85 3.84 -6.03	59.60 4.14 -3.56	214.82 10.26 -84.99	182.98 13.03 -29.41	162.45 12.14 -16.32	152.32 10.47 -24.07	125.67 7.43 -38.18	137.93 5.14 -77.77	124.51 8.13 -29.58	134.22 5.22 -73.92	119.62 6.77 -41.65	114.05 4.80 -57.48	135.76 8.95 -21.66	132.00 8.41 -23.00	70.63 5.19 -1.09	56.72 3.95 -2.49
GLENWOOD___4 23550	68.65 4.72 -3.21	86.24 5.39 0.00	73.73 4.23 0.00	77.37 4.55 0.00	82.94 4.97 0.00	60.05 3.83 -3.33	148.72 6.65 -50.79	187.76 4.93 -118.20	63.12 4.11 -6.03	61.01 4.38 -4.74	226.26 11.08 -95.62	198.74 14.06 -44.13	175.95 13.06 -28.91	176.81 11.33 -47.71	152.76 8.00 -64.70	185.73 5.53 -125.18	154.43 8.76 -58.87	157.48 5.64 -96.77	144.38 7.31 -65.88	138.78 5.17 -81.85	160.98 9.67 -46.15	155.29 9.06 -45.64	71.02 5.58 -1.10	56.99 4.22 -2.50
GLENWOOD___5 23614	68.65 4.72 -3.21	86.24 5.39 0.00	73.73 4.23 0.00	77.37 4.55 0.00	82.94 4.97 0.00	60.05 3.83 -3.33	148.72 6.65 -50.79	187.76 4.93 -118.20	63.12 4.11 -6.03	61.01 4.38 -4.74	226.26 11.08 -95.62	198.74 14.06 -44.13	175.95 13.06 -28.91	176.81 11.33 -47.71	152.76 8.00 -64.70	185.73 5.53 -125.18	154.43 8.76 -58.87	157.48 5.64 -96.77	144.38 7.31 -65.88	138.78 5.17 -81.85	160.98 9.67 -46.15	155.29 9.06 -45.64	71.02 5.58 -1.10	56.99 4.22 -2.50
GLOBAL GREEN_PORT_GT1 23814	74.84 8.18 -5.93	90.19 9.33 -0.02	76.46 6.96 0.00	79.30 6.48 0.00	84.58 6.61 0.00	61.15 4.93 -3.33	150.58 8.51 -50.79	189.19 6.36 -118.20	64.03 5.02 -6.03	60.03 5.20 -2.93	207.86 8.96 -79.33	175.75 13.66 -21.55	158.30 14.71 -9.61	142.16 12.92 -11.46	113.20 9.11 -24.03	113.82 6.32 -52.48	111.06 10.31 -13.95	123.37 6.55 -61.73	108.23 8.30 -28.73	102.10 5.86 -44.48	124.59 10.85 -8.59	121.63 10.11 -10.92	72.08 6.64 -1.10	58.17 5.39 -2.49
GLOBE___DSASP 323697	50.49 -6.27 3.97	64.38 -8.37 8.09	60.31 -7.70 1.49	58.47 -7.83 6.51	67.42 -8.65 1.90	46.74 -5.80 0.35	75.06 -10.86 5.35	53.56 -7.51 3.56	44.91 -6.31 1.77	41.74 -5.84 4.31	86.53 -14.70 18.34	109.55 -16.49 14.51	108.05 -15.97 9.96	103.26 -14.04 0.48	71.49 -9.22 -0.66	54.19 -5.94 -5.11	78.44 -8.44 -0.08	58.89 -4.78 -8.60	67.95 -6.36 -3.13	51.24 -5.65 -5.13	92.45 -12.12 0.58	89.03 -11.56 0.00	57.85 -6.66 -0.17	46.40 -4.28 -0.39
GOETHSLN___LBMP 323567	64.16 3.44 0.00	84.60 3.76 0.00	72.42 2.91 0.00	75.99 3.17 0.00	81.46 3.49 0.00	59.11 2.89 -3.33	97.08 5.02 -0.79	84.98 3.59 -16.75	62.18 3.17 -6.03	55.36 3.46 0.00	183.80 8.45 -55.77	151.15 10.86 0.25	147.16 10.11 -3.07	124.63 8.74 1.88	97.57 6.28 -11.23	92.55 4.37 -33.16	94.13 6.82 -0.51	114.31 4.41 -54.82	96.83 5.71 -19.93	88.52 4.05 -32.71	112.43 7.28 0.00	107.43 6.84 0.00	69.80 4.37 -1.09	56.08 3.30 -2.49
GOLAH___69_KV_TB 1_2 80279	55.68 -2.43 2.62	73.33 -3.49 4.03	65.17 -3.35 0.98	65.13 -3.39 4.30	73.02 -3.70 1.25	50.39 -2.35 0.15	84.41 -4.67 2.19	61.12 -3.00 0.52	50.50 -2.49 0.00	49.66 -2.24 0.00	109.31 -5.96 4.29	134.50 -6.05 0.00	128.57 -5.92 -0.51	112.50 -5.29 -0.01	78.18 -3.31 -1.43	57.31 -1.81 -4.10	84.70 -2.17 -0.06	61.23 -0.82 -6.97	72.43 -1.30 -2.53	54.26 -1.67 -4.16	101.08 -4.07 0.00	96.64 -3.96 0.00	62.25 -2.23 -0.14	49.33 -1.27 -0.32

GOODYEAR_LAKE_HYD 323669	62.61 1.88 0.00	83.19 2.35 0.00	71.41 1.91 0.00	75.09 2.27 0.00	80.44 2.47 0.00	55.80 1.86 -1.05	96.78 3.22 -2.29	115.31 2.30 -48.38	72.40 2.00 -17.42	53.98 2.09 0.00	291.24 4.77 -166.89	146.74 6.20 0.00	150.16 6.12 -10.05	122.76 4.97 -0.02	90.83 3.67 -7.10	84.99 2.85 -27.12	91.58 4.62 -0.16	75.29 3.08 -17.14	81.36 3.95 -6.23	64.67 2.67 -10.23	110.11 4.95 0.00	105.29 4.69 0.00	67.46 2.78 -0.34	53.08 2.02 -0.78
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	57.71 -0.76 2.26	76.14 -1.23 3.47	67.65 -1.27 0.58	69.07 -1.21 2.55	76.06 -1.17 0.74	53.00 -0.65 -0.76	88.90 -1.20 1.17	70.27 -0.71 -6.35	54.94 -0.49 -2.45	51.71 -0.18 0.00	138.41 -0.90 -19.73	140.35 -0.19 0.00	136.11 0.11 -2.01	117.80 0.00 -0.02	84.25 0.38 -3.81	67.02 0.55 -11.45	88.04 1.08 -0.17	73.89 0.84 -17.97	78.76 1.03 -6.53	62.97 0.48 -10.72	105.66 0.51 0.00	100.98 0.39 0.00	64.89 0.20 -0.36	51.40 0.30 -0.82
GOUDEY___7 23579	57.71 -0.76 2.26	76.14 -1.23 3.47	67.65 -1.27 0.58	69.07 -1.21 2.55	76.06 -1.17 0.74	53.00 -0.65 -0.76	88.90 -1.20 1.17	70.27 -0.71 -6.35	54.94 -0.49 -2.45	51.71 -0.18 0.00	138.41 -0.90 -19.73	140.35 -0.19 0.00	136.11 0.11 -2.01	117.80 0.00 -0.02	84.25 0.38 -3.81	67.02 0.55 -11.45	88.04 1.08 -0.17	73.89 0.84 -17.97	78.76 1.03 -6.53	62.97 0.48 -10.72	105.66 0.51 0.00	100.98 0.39 0.00	64.89 0.20 -0.36	51.40 0.30 -0.82
GOUDEY___8 23580	57.71 -0.76 2.26	76.14 -1.23 3.47	67.65 -1.27 0.58	69.07 -1.21 2.55	76.06 -1.17 0.74	53.00 -0.65 -0.76	88.90 -1.20 1.17	70.27 -0.71 -6.35	54.94 -0.49 -2.45	51.71 -0.18 0.00	138.41 -0.90 -19.73	140.35 -0.19 0.00	136.11 0.11 -2.01	117.80 0.00 -0.02	84.25 0.38 -3.81	67.02 0.55 -11.45	88.04 1.08 -0.17	73.89 0.84 -17.97	78.76 1.03 -6.53	62.97 0.48 -10.72	105.66 0.51 0.00	100.98 0.39 0.00	64.89 0.20 -0.36	51.40 0.30 -0.82
GOWANUS_GT1_1 24077	144.25 4.33 -79.19	85.65 4.81 0.00	73.33 3.82 0.00	76.93 4.11 0.00	82.42 4.45 0.00	61.33 3.57 -4.86	100.28 6.25 -2.76	85.89 4.50 -16.75	65.99 3.89 -9.12	71.57 4.28 -15.39	187.32 10.01 -57.73	328.42 13.03 -174.84	369.81 12.22 -223.61	369.27 10.56 -240.93	363.58 7.58 -275.94	353.30 5.24 -293.05	325.91 8.25 -230.86	121.40 5.23 -61.09	119.40 6.89 -41.32	118.72 4.94 -62.02	114.09 8.93 0.00	108.96 8.37 0.00	74.45 5.31 -4.80	79.05 4.12 -24.65
GOWANUS_GT1_2 24078	144.25 4.33 -79.19	85.65 4.81 0.00	73.33 3.82 0.00	76.93 4.11 0.00	82.42 4.45 0.00	61.33 3.57 -4.86	100.28 6.25 -2.76	85.89 4.50 -16.75	65.99 3.89 -9.12	71.57 4.28 -15.39	187.32 10.01 -57.73	328.42 13.03 -174.84	369.81 12.22 -223.61	369.27 10.56 -240.93	363.58 7.58 -275.94	353.30 5.24 -293.05	325.91 8.25 -230.86	121.40 5.23 -61.09	119.40 6.89 -41.32	118.72 4.94 -62.02	114.09 8.93 0.00	108.96 8.37 0.00	74.45 5.31 -4.80	79.05 4.12 -24.65
GOWANUS_GT1_3 24079	144.25 4.33 -79.19	85.65 4.81 0.00	73.33 3.82 0.00	76.93 4.11 0.00	82.42 4.45 0.00	61.33 3.57 -4.86	100.28 6.25 -2.76	85.89 4.50 -16.75	65.99 3.89 -9.12	71.57 4.28 -15.39	187.32 10.01 -57.73	328.42 13.03 -174.84	369.81 12.22 -223.61	369.27 10.56 -240.93	363.58 7.58 -275.94	353.30 5.24 -293.05	325.91 8.25 -230.86	121.40 5.23 -61.09	119.40 6.89 -41.32	118.72 4.94 -62.02	114.09 8.93 0.00	108.96 8.37 0.00	74.45 5.31 -4.80	79.05 4.12 -24.65
GOWANUS_GT1_4 24080	144.25 4.33 -79.19	85.65 4.81 0.00	73.33 3.82 0.00	76.93 4.11 0.00	82.42 4.45 0.00	61.33 3.57 -4.86	100.28 6.25 -2.76	85.89 4.50 -16.75	65.99 3.89 -9.12	71.57 4.28 -15.39	187.32 10.01 -57.73	328.42 13.03 -174.84	369.81 12.22 -223.61	369.27 10.56 -240.93	363.58 7.58 -275.94	353.30 5.24 -293.05	325.91 8.25 -230.86	121.40 5.23 -61.09	119.40 6.89 -41.32	118.72 4.94 -62.02	114.09 8.93 0.00	108.96 8.37 0.00	74.45 5.31 -4.80	79.05 4.12 -24.65
GOWANUS_GT1_5 24084	144.25 4.33 -79.19	85.65 4.81 0.00	73.33 3.82 0.00	76.93 4.11 0.00	82.42 4.45 0.00	61.33 3.57 -4.86	100.28 6.25 -2.76	85.89 4.50 -16.75	65.99 3.89 -9.12	71.57 4.28 -15.39	187.32 10.01 -57.73	328.42 13.03 -174.84	369.81 12.22 -223.61	369.27 10.56 -240.93	363.58 7.58 -275.94	353.30 5.24 -293.05	325.91 8.25 -230.86	121.40 5.23 -61.09	119.40 6.89 -41.32	118.72 4.94 -62.02	114.09 8.93 0.00	108.96 8.37 0.00	74.45 5.31 -4.80	79.05 4.12 -24.65
GOWANUS_GT1_6 24111	144.25 4.33 -79.19	85.65 4.81 0.00	73.33 3.82 0.00	76.93 4.11 0.00	82.42 4.45 0.00	61.33 3.57 -4.86	100.28 6.25 -2.76	85.89 4.50 -16.75	65.99 3.89 -9.12	71.57 4.28 -15.39	187.32 10.01 -57.73	328.42 13.03 -174.84	369.81 12.22 -223.61	369.27 10.56 -240.93	363.58 7.58 -275.94	353.30 5.24 -293.05	325.91 8.25 -230.86	121.40 5.23 -61.09	119.40 6.89 -41.32	118.72 4.94 -62.02	114.09 8.93 0.00	108.96 8.37 0.00	74.45 5.31 -4.80	79.05 4.12 -24.65
GOWANUS_GT1_7 24112	144.25 4.33 -79.19	85.65 4.81 0.00	73.33 3.82 0.00	76.93 4.11 0.00	82.42 4.45 0.00	61.33 3.57 -4.86	100.28 6.25 -2.76	85.89 4.50 -16.75	65.99 3.89 -9.12	71.57 4.28 -15.39	187.32 10.01 -57.73	328.42 13.03 -174.84	369.81 12.22 -223.61	369.27 10.56 -240.93	363.58 7.58 -275.94	353.30 5.24 -293.05	325.91 8.25 -230.86	121.40 5.23 -61.09	119.40 6.89 -41.32	118.72 4.94 -62.02	114.09 8.93 0.00	108.96 8.37 0.00	74.45 5.31 -4.80	79.05 4.12 -24.65
GOWANUS_GT1_8 24113	144.25 4.33 -79.19	85.65 4.81 0.00	73.33 3.82 0.00	76.93 4.11 0.00	82.42 4.45 0.00	61.33 3.57 -4.86	100.28 6.25 -2.76	85.89 4.50 -16.75	65.99 3.89 -9.12	71.57 4.28 -15.39	187.32 10.01 -57.73	328.42 13.03 -174.84	369.81 12.22 -223.61	369.27 10.56 -240.93	363.58 7.58 -275.94	353.30 5.24 -293.05	325.91 8.25 -230.86	121.40 5.23 -61.09	119.40 6.89 -41.32	118.72 4.94 -62.02	114.09 8.93 0.00	108.96 8.37 0.00	74.45 5.31 -4.80	79.05 4.12 -24.65
GOWANUS_GT2_1 24114	144.24 4.32 -79.19	85.64 4.80 0.00	73.33 3.82 0.00	76.93 4.11 0.00	82.42 4.45 0.00	61.32 3.57 -4.86	100.27 6.24 -2.76	85.89 4.50 -16.75	65.99 3.89 -9.12	71.56 4.28 -15.39	187.30 10.00 -57.73	328.40 13.01 -174.84	369.83 12.24 -223.61	369.26 10.55 -240.93	363.57 7.57 -275.94	353.30 5.24 -293.05	325.91 8.25 -230.86	121.40 5.24 -61.09	119.41 6.89 -41.32	118.72 4.94 -62.02	114.08 8.93 0.00	108.96 8.37 0.00	74.44 5.31 -4.80	79.05 4.12 -24.65
GOWANUS_GT2_2 24115	144.24 4.32 -79.19	85.64 4.80 0.00	73.33 3.82 0.00	76.93 4.11 0.00	82.42 4.45 0.00	61.32 3.57 -4.86	100.27 6.24 -2.76	85.89 4.50 -16.75	65.99 3.89 -9.12	71.56 4.28 -15.39	187.30 10.00 -57.73	328.40 13.01 -174.84	369.83 12.24 -223.61	369.26 10.55 -240.93	363.57 7.57 -275.94	353.30 5.24 -293.05	325.91 8.25 -230.86	121.40 5.24 -61.09	119.41 6.89 -41.32	118.72 4.94 -62.02	114.08 8.93 0.00	108.96 8.37 0.00	74.44 5.31 -4.80	79.05 4.12 -24.65
GOWANUS_GT2_3 24116	144.24 4.32 -79.19	85.64 4.80 0.00	73.33 3.82 0.00	76.93 4.11 0.00	82.42 4.45 0.00	61.32 3.57 -4.86	100.27 6.24 -2.76	85.89 4.50 -16.75	65.99 3.89 -9.12	71.56 4.28 -15.39	187.30 10.00 -57.73	328.40 13.01 -174.84	369.83 12.24 -223.61	369.26 10.55 -240.93	363.57 7.57 -275.94	353.30 5.24 -293.05	325.91 8.25 -230.86	121.40 5.24 -61.09	119.41 6.89 -41.32	118.72 4.94 -62.02	114.08 8.93 0.00	108.96 8.37 0.00	74.44 5.31 -4.80	79.05 4.12 -24.65

GOWANUS_GT2_4 24117	144.24 4.32 -79.19	85.64 4.80 0.00	73.33 3.82 0.00	76.93 4.11 0.00	82.42 4.45 0.00	61.32 3.57 -4.86	100.27 6.24 -2.76	85.89 4.50 -16.75	65.99 3.89 -9.12	71.56 4.28 -15.39	187.30 10.00 -57.73	328.40 13.01 -174.84	369.83 12.24 -223.61	369.26 10.55 -240.93	363.57 7.57 -275.94	353.30 5.24 -293.05	325.91 8.25 -230.86	121.40 5.24 -61.09	119.41 6.89 -41.32	118.72 4.94 -62.02	114.08 8.93 0.00	108.96 8.37 0.00	74.44 5.31 -4.80	79.05 4.12 -24.65
GOWANUS_GT2_5 24118	144.24 4.32 -79.19	85.64 4.80 0.00	73.33 3.82 0.00	76.93 4.11 0.00	82.42 4.45 0.00	61.32 3.57 -4.86	100.27 6.24 -2.76	85.89 4.50 -16.75	65.99 3.89 -9.12	71.56 4.28 -15.39	187.30 10.00 -57.73	328.40 13.01 -174.84	369.83 12.24 -223.61	369.26 10.55 -240.93	363.57 7.57 -275.94	353.30 5.24 -293.05	325.91 8.25 -230.86	121.40 5.24 -61.09	119.41 6.89 -41.32	118.72 4.94 -62.02	114.08 8.93 0.00	108.96 8.37 0.00	74.44 5.31 -4.80	79.05 4.12 -24.65
GOWANUS_GT2_6 24119	144.24 4.32 -79.19	85.64 4.80 0.00	73.33 3.82 0.00	76.93 4.11 0.00	82.42 4.45 0.00	61.32 3.57 -4.86	100.27 6.24 -2.76	85.89 4.50 -16.75	65.99 3.89 -9.12	71.56 4.28 -15.39	187.30 10.00 -57.73	328.40 13.01 -174.84	369.83 12.24 -223.61	369.26 10.55 -240.93	363.57 7.57 -275.94	353.30 5.24 -293.05	325.91 8.25 -230.86	121.40 5.24 -61.09	119.41 6.89 -41.32	118.72 4.94 -62.02	114.08 8.93 0.00	108.96 8.37 0.00	74.44 5.31 -4.80	79.05 4.12 -24.65
GOWANUS_GT2_7 24120	144.24 4.32 -79.19	85.64 4.80 0.00	73.33 3.82 0.00	76.93 4.11 0.00	82.42 4.45 0.00	61.32 3.57 -4.86	100.27 6.24 -2.76	85.89 4.50 -16.75	65.99 3.89 -9.12	71.56 4.28 -15.39	187.30 10.00 -57.73	328.40 13.01 -174.84	369.83 12.24 -223.61	369.26 10.55 -240.93	363.57 7.57 -275.94	353.30 5.24 -293.05	325.91 8.25 -230.86	121.40 5.24 -61.09	119.41 6.89 -41.32	118.72 4.94 -62.02	114.08 8.93 0.00	108.96 8.37 0.00	74.44 5.31 -4.80	79.05 4.12 -24.65
GOWANUS_GT2_8 24121	144.24 4.32 -79.19	85.64 4.80 0.00	73.33 3.82 0.00	76.93 4.11 0.00	82.42 4.45 0.00	61.32 3.57 -4.86	100.27 6.24 -2.76	85.89 4.50 -16.75	65.99 3.89 -9.12	71.56 4.28 -15.39	187.30 10.00 -57.73	328.40 13.01 -174.84	369.83 12.24 -223.61	369.26 10.55 -240.93	363.57 7.57 -275.94	353.30 5.24 -293.05	325.91 8.25 -230.86	121.40 5.24 -61.09	119.41 6.89 -41.32	118.72 4.94 -62.02	114.08 8.93 0.00	108.96 8.37 0.00	74.44 5.31 -4.80	79.05 4.12 -24.65
GOWANUS_GT3_1 24122	144.24 4.32 -79.19	85.64 4.80 0.00	73.33 3.82 0.00	76.93 4.11 0.00	82.42 4.45 0.00	61.32 3.57 -4.86	100.27 6.24 -2.76	85.89 4.50 -16.75	65.99 3.89 -9.12	71.56 4.28 -15.39	187.30 10.00 -57.73	328.40 13.01 -174.84	369.82 12.23 -223.61	369.26 10.55 -240.93	363.57 7.57 -275.94	353.30 5.24 -293.05	325.91 8.25 -230.86	121.40 5.24 -61.09	119.41 6.89 -41.32	118.72 4.94 -62.02	114.08 8.93 0.00	108.96 8.37 0.00	74.44 5.31 -4.80	79.05 4.12 -24.65
GOWANUS_GT3_2 24123	144.24 4.32 -79.19	85.64 4.80 0.00	73.33 3.82 0.00	76.93 4.11 0.00	82.42 4.45 0.00	61.32 3.57 -4.86	100.27 6.24 -2.76	85.89 4.50 -16.75	65.99 3.89 -9.12	71.56 4.28 -15.39	187.30 10.00 -57.73	328.40 13.01 -174.84	369.82 12.23 -223.61	369.26 10.55 -240.93	363.57 7.57 -275.94	353.30 5.24 -293.05	325.91 8.25 -230.86	121.40 5.24 -61.09	119.41 6.89 -41.32	118.72 4.94 -62.02	114.08 8.93 0.00	108.96 8.37 0.00	74.44 5.31 -4.80	79.05 4.12 -24.65
GOWANUS_GT3_3 24124	144.24 4.32 -79.19	85.64 4.80 0.00	73.33 3.82 0.00	76.93 4.11 0.00	82.42 4.45 0.00	61.32 3.57 -4.86	100.27 6.24 -2.76	85.89 4.50 -16.75	65.99 3.89 -9.12	71.56 4.28 -15.39	187.30 10.00 -57.73	328.40 13.01 -174.84	369.82 12.23 -223.61	369.26 10.55 -240.93	363.57 7.57 -275.94	353.30 5.24 -293.05	325.91 8.25 -230.86	121.40 5.24 -61.09	119.41 6.89 -41.32	118.72 4.94 -62.02	114.08 8.93 0.00	108.96 8.37 0.00	74.44 5.31 -4.80	79.05 4.12 -24.65
GOWANUS_GT3_4 24125	144.24 4.32 -79.19	85.64 4.80 0.00	73.33 3.82 0.00	76.93 4.11 0.00	82.42 4.45 0.00	61.32 3.57 -4.86	100.27 6.24 -2.76	85.89 4.50 -16.75	65.99 3.89 -9.12	71.56 4.28 -15.39	187.30 10.00 -57.73	328.40 13.01 -174.84	369.82 12.23 -223.61	369.26 10.55 -240.93	363.57 7.57 -275.94	353.30 5.24 -293.05	325.91 8.25 -230.86	121.40 5.24 -61.09	119.41 6.89 -41.32	118.72 4.94 -62.02	114.08 8.93 0.00	108.96 8.37 0.00	74.44 5.31 -4.80	79.05 4.12 -24.65
GOWANUS_GT3_5 24126	144.24 4.32 -79.19	85.64 4.80 0.00	73.33 3.82 0.00	76.93 4.11 0.00	82.42 4.45 0.00	61.32 3.57 -4.86	100.27 6.24 -2.76	85.89 4.50 -16.75	65.99 3.89 -9.12	71.56 4.28 -15.39	187.30 10.00 -57.73	328.40 13.01 -174.84	369.82 12.23 -223.61	369.26 10.55 -240.93	363.57 7.57 -275.94	353.30 5.24 -293.05	325.91 8.25 -230.86	121.40 5.24 -61.09	119.41 6.89 -41.32	118.72 4.94 -62.02	114.08 8.93 0.00	108.96 8.37 0.00	74.44 5.31 -4.80	79.05 4.12 -24.65
GOWANUS_GT3_6 24127	144.24 4.32 -79.19	85.64 4.80 0.00	73.33 3.82 0.00	76.93 4.11 0.00	82.42 4.45 0.00	61.32 3.57 -4.86	100.27 6.24 -2.76	85.89 4.50 -16.75	65.99 3.89 -9.12	71.56 4.28 -15.39	187.30 10.00 -57.73	328.40 13.01 -174.84	369.82 12.23 -223.61	369.26 10.55 -240.93	363.57 7.57 -275.94	353.30 5.24 -293.05	325.91 8.25 -230.86	121.40 5.24 -61.09	119.41 6.89 -41.32	118.72 4.94 -62.02	114.08 8.93 0.00	108.96 8.37 0.00	74.44 5.31 -4.80	79.05 4.12 -24.65
GOWANUS_GT3_7 24128	144.24 4.32 -79.19	85.64 4.80 0.00	73.33 3.82 0.00	76.93 4.11 0.00	82.42 4.45 0.00	61.32 3.57 -4.86	100.27 6.24 -2.76	85.89 4.50 -16.75	65.99 3.89 -9.12	71.56 4.28 -15.39	187.30 10.00 -57.73	328.40 13.01 -174.84	369.82 12.23 -223.61	369.26 10.55 -240.93	363.57 7.57 -275.94	353.30 5.24 -293.05	325.91 8.25 -230.86	121.40 5.24 -61.09	119.41 6.89 -41.32	118.72 4.94 -62.02	114.08 8.93 0.00	108.96 8.37 0.00	74.44 5.31 -4.80	79.05 4.12 -24.65
GOWANUS_GT3_8 24129	144.24 4.32 -79.19	85.64 4.80 0.00	73.33 3.82 0.00	76.93 4.11 0.00	82.42 4.45 0.00	61.32 3.57 -4.86	100.27 6.24 -2.76	85.89 4.50 -16.75	65.99 3.89 -9.12	71.56 4.28 -15.39	187.30 10.00 -57.73	328.40 13.01 -174.84	369.82 12.23 -223.61	369.26 10.55 -240.93	363.57 7.57 -275.94	353.30 5.24 -293.05	325.91 8.25 -230.86	121.40 5.24 -61.09	119.41 6.89 -41.32	118.72 4.94 -62.02	114.08 8.93 0.00	108.96 8.37 0.00	74.44 5.31 -4.80	79.05 4.12 -24.65
GOWANUS_GT4_1 24130	144.25 4.33 -79.19	85.65 4.81 0.00	73.33 3.82 0.00	76.93 4.11 0.00	82.42 4.45 0.00	61.33 3.57 -4.86	100.28 6.25 -2.76	85.89 4.50 -16.75	65.99 3.89 -9.12	71.57 4.28 -15.39	187.32 10.01 -57.73	328.42 13.03 -174.84	369.82 12.23 -223.61	369.27 10.56 -240.93	363.58 7.58 -275.94	353.30 5.24 -293.05	325.91 8.25 -230.86	121.40 5.23 -61.09	119.40 6.89 -41.32	118.72 4.94 -62.02	114.09 8.93 0.00	108.96 8.37 0.00	74.45 5.31 -4.80	79.05 4.12 -24.65
GOWANUS_GT4_2 24131	144.25 4.33 -79.19	85.65 4.81 0.00	73.33 3.82 0.00	76.93 4.11 0.00	82.42 4.45 0.00	61.33 3.57 -4.86	100.28 6.25 -2.76	85.89 4.50 -16.75	65.99 3.89 -9.12	71.57 4.28 -15.39	187.32 10.01 -57.73	328.42 13.03 -174.84	369.82 12.23 -223.61	369.27 10.56 -240.93	363.58 7.58 -275.94	353.30 5.24 -293.05	325.91 8.25 -230.86	121.40 5.23 -61.09	119.40 6.89 -41.32	118.72 4.94 -62.02	114.09 8.93 0.00	108.96 8.37 0.00	74.45 5.31 -4.80	79.05 4.12 -24.65

GOWANUS_GT4_3 24132	144.25 4.33 -79.19	85.65 4.81 0.00	73.33 3.82 0.00	76.93 4.11 0.00	82.42 4.45 0.00	61.33 3.57 -4.86	100.28 6.25 -2.76	85.89 4.50 -16.75	65.99 3.89 -9.12	71.57 4.28 -15.39	187.32 10.01 -57.73	328.42 13.03 -174.84	369.82 12.23 -223.61	369.27 10.56 -240.93	363.58 7.58 -275.94	353.30 5.24 -293.05	325.91 8.25 -230.86	121.40 5.23 -61.09	119.40 6.89 -41.32	118.72 4.94 -62.02	114.09 8.93 0.00	108.96 8.37 0.00	74.45 5.31 -4.80	79.05 4.12 -24.65
GOWANUS_GT4_4 24133	144.25 4.33 -79.19	85.65 4.81 0.00	73.33 3.82 0.00	76.93 4.11 0.00	82.42 4.45 0.00	61.33 3.57 -4.86	100.28 6.25 -2.76	85.89 4.50 -16.75	65.99 3.89 -9.12	71.57 4.28 -15.39	187.32 10.01 -57.73	328.42 13.03 -174.84	369.82 12.23 -223.61	369.27 10.56 -240.93	363.58 7.58 -275.94	353.30 5.24 -293.05	325.91 8.25 -230.86	121.40 5.23 -61.09	119.40 6.89 -41.32	118.72 4.94 -62.02	114.09 8.93 0.00	108.96 8.37 0.00	74.45 5.31 -4.80	79.05 4.12 -24.65
GOWANUS_GT4_5 24134	144.25 4.33 -79.19	85.65 4.81 0.00	73.33 3.82 0.00	76.93 4.11 0.00	82.42 4.45 0.00	61.33 3.57 -4.86	100.28 6.25 -2.76	85.89 4.50 -16.75	65.99 3.89 -9.12	71.57 4.28 -15.39	187.32 10.01 -57.73	328.42 13.03 -174.84	369.82 12.23 -223.61	369.27 10.56 -240.93	363.58 7.58 -275.94	353.30 5.24 -293.05	325.91 8.25 -230.86	121.40 5.23 -61.09	119.40 6.89 -41.32	118.72 4.94 -62.02	114.09 8.93 0.00	108.96 8.37 0.00	74.45 5.31 -4.80	79.05 4.12 -24.65
GOWANUS_GT4_6 24135	144.25 4.33 -79.19	85.65 4.81 0.00	73.33 3.82 0.00	76.93 4.11 0.00	82.42 4.45 0.00	61.33 3.57 -4.86	100.28 6.25 -2.76	85.89 4.50 -16.75	65.99 3.89 -9.12	71.57 4.28 -15.39	187.32 10.01 -57.73	328.42 13.03 -174.84	369.82 12.23 -223.61	369.27 10.56 -240.93	363.58 7.58 -275.94	353.30 5.24 -293.05	325.91 8.25 -230.86	121.40 5.23 -61.09	119.40 6.89 -41.32	118.72 4.94 -62.02	114.09 8.93 0.00	108.96 8.37 0.00	74.45 5.31 -4.80	79.05 4.12 -24.65
GOWANUS_GT4_7 24136	144.25 4.33 -79.19	85.65 4.81 0.00	73.33 3.82 0.00	76.93 4.11 0.00	82.42 4.45 0.00	61.33 3.57 -4.86	100.28 6.25 -2.76	85.89 4.50 -16.75	65.99 3.89 -9.12	71.57 4.28 -15.39	187.32 10.01 -57.73	328.42 13.03 -174.84	369.82 12.23 -223.61	369.27 10.56 -240.93	363.58 7.58 -275.94	353.30 5.24 -293.05	325.91 8.25 -230.86	121.40 5.23 -61.09	119.40 6.89 -41.32	118.72 4.94 -62.02	114.09 8.93 0.00	108.96 8.37 0.00	74.45 5.31 -4.80	79.05 4.12 -24.65
GOWANUS_GT4_8 24137	144.25 4.33 -79.19	85.65 4.81 0.00	73.33 3.82 0.00	76.93 4.11 0.00	82.42 4.45 0.00	61.33 3.57 -4.86	100.28 6.25 -2.76	85.89 4.50 -16.75	65.99 3.89 -9.12	71.57 4.28 -15.39	187.32 10.01 -57.73	328.42 13.03 -174.84	369.82 12.23 -223.61	369.27 10.56 -240.93	363.58 7.58 -275.94	353.30 5.24 -293.05	325.91 8.25 -230.86	121.40 5.23 -61.09	119.40 6.89 -41.32	118.72 4.94 -62.02	114.09 8.93 0.00	108.96 8.37 0.00	74.45 5.31 -4.80	79.05 4.12 -24.65
GREENBSH_115KV_TB3 55895	63.25 2.52 0.00	83.92 3.08 0.00	71.98 2.48 0.00	75.71 2.89 0.00	81.03 3.05 0.00	59.27 2.20 -4.18	99.28 3.62 -4.38	160.09 2.73 -92.73	88.57 2.19 -33.39	54.25 2.36 0.00	445.20 5.64 -319.99	147.41 6.86 0.00	159.33 6.37 -18.97	123.51 5.67 -0.06	102.35 3.69 -18.60	121.56 2.28 -64.26	90.72 3.30 -0.62	123.99 2.17 -66.74	98.32 2.87 -24.26	93.68 2.09 -39.82	109.33 4.18 0.00	104.68 4.09 0.00	68.28 2.61 -1.33	55.54 2.23 -3.04
GREENIDGE_115KV_TB5 80291	45.77 -1.82 13.13	61.52 -2.78 16.54	61.50 -2.95 5.05	47.68 -2.97 22.17	68.36 -3.14 6.46	48.76 -1.82 2.31	80.37 -3.61 7.30	69.08 -1.95 -6.40	56.40 -1.23 -4.65	58.89 -0.93 -7.93	130.01 -3.22 -13.66	164.31 -2.93 -26.70	151.38 -3.28 -20.68	115.04 -3.65 -0.90	83.24 -1.19 -4.37	61.74 -0.17 -6.89	87.22 0.32 -0.10	66.82 0.67 -11.08	75.82 0.60 -4.03	58.23 -0.14 -6.61	105.36 -0.87 -1.08	99.52 -1.08 0.00	63.78 -0.77 -0.22	50.47 -0.31 -0.50
GREENIDGE___3 23582	45.77 -1.82 13.13	61.52 -2.78 16.54	61.50 -2.95 5.05	47.68 -2.97 22.17	68.36 -3.14 6.46	48.76 -1.82 2.31	80.37 -3.61 7.30	69.08 -1.95 -6.40	56.40 -1.23 -4.65	58.89 -0.93 -7.93	130.01 -3.22 -13.66	164.31 -2.93 -26.70	151.38 -3.28 -20.68	115.04 -3.65 -0.90	83.24 -1.19 -4.37	61.74 -0.17 -6.89	87.22 0.32 -0.10	66.82 0.67 -11.08	75.82 0.60 -4.03	58.23 -0.14 -6.61	105.36 -0.87 -1.08	99.52 -1.08 0.00	63.78 -0.77 -0.22	50.47 -0.31 -0.50
GREENIDGE___4 23583	45.76 -1.83 13.13	61.51 -2.79 16.54	61.50 -2.95 5.05	47.66 -2.98 22.17	68.36 -3.15 6.46	48.75 -1.83 2.31	80.38 -3.60 7.30	69.06 -1.98 -6.40	56.40 -1.23 -4.65	58.90 -0.92 -7.93	129.97 -3.26 -13.66	164.33 -2.92 -26.70	151.39 -3.27 -20.68	115.04 -3.65 -0.90	83.21 -1.21 -4.37	61.73 -0.18 -6.89	87.22 0.32 -0.10	66.82 0.67 -11.08	75.80 0.58 -4.03	58.24 -0.13 -6.61	105.36 -0.87 -1.08	99.52 -1.08 0.00	63.78 -0.78 -0.22	50.47 -0.32 -0.50
GREENLWN_69_KV_BK 3 55738	71.71 5.14 -5.85	86.79 5.93 -0.02	74.07 4.57 0.00	77.65 4.83 0.00	83.23 5.26 0.00	60.29 4.06 -3.33	148.84 6.78 -50.79	187.82 4.99 -118.20	63.03 4.02 -6.03	59.60 4.68 -3.02	211.75 12.03 -80.15	178.49 15.25 -22.69	158.71 14.14 -10.58	143.43 12.36 -13.29	114.72 8.57 -26.09	117.02 5.84 -56.17	112.30 9.27 -16.23	124.52 5.94 -63.51	109.48 7.68 -30.61	103.59 5.45 -46.37	125.85 10.20 -10.50	122.90 9.62 -12.68	71.41 5.98 -1.10	57.34 4.57 -2.49
GREENWD_138_KV_38B11_REV_LBMP_J 345004	144.25 4.33 -79.19	85.65 4.81 0.00	73.33 3.82 0.00	76.93 4.11 0.00	82.42 4.45 0.00	61.33 3.57 -4.86	100.28 6.25 -2.76	85.89 4.50 -16.75	65.99 3.89 -9.12	71.57 4.28 -15.39	187.32 10.01 -57.73	328.42 13.03 -174.84	369.82 12.23 -223.61	369.27 10.56 -240.93	363.58 7.58 -275.94	353.30 5.24 -293.05	325.91 8.25 -230.86	121.40 5.23 -61.09	119.40 6.89 -41.32	118.72 4.94 -62.02	114.09 8.93 0.00	108.96 8.37 0.00	74.45 5.31 -4.80	79.05 4.12 -24.65
GRISSOM___SOLAR 323813	64.06 3.34 0.00	85.22 4.38 0.00	73.14 3.64 0.00	76.77 3.95 0.00	82.20 4.23 0.00	60.48 2.95 -4.63	103.87 5.06 -7.53	227.58 3.72 -159.22	113.22 2.91 -57.33	54.66 2.76 0.00	675.24 6.35 -549.31	148.19 7.65 0.00	172.05 7.72 -30.35	124.22 6.37 -0.07	109.15 4.96 -24.13	147.32 3.84 -88.46	93.93 6.44 -0.69	133.22 4.21 -73.94	103.38 5.31 -26.88	99.53 3.65 -44.11	112.23 7.08 0.00	107.22 6.62 0.00	69.94 4.13 -1.48	56.70 3.06 -3.36
GROVEVILLE___HYD 323602	65.00 4.27 0.00	85.86 5.02 0.00	73.54 4.04 0.00	77.22 4.40 0.00	82.81 4.84 0.00	59.91 3.68 -3.34	98.53 6.44 -0.82	86.72 4.66 -17.42	63.19 3.94 -6.27	56.10 4.21 0.00	189.76 10.14 -60.05	153.27 12.73 0.00	151.28 11.88 -5.42	128.06 10.22 -0.05	98.57 7.21 -11.30	93.50 5.03 -33.45	95.30 7.99 -0.51	115.21 5.17 -54.96	97.85 6.68 -19.98	89.26 4.70 -32.79	113.93 8.78 0.00	108.90 8.30 0.00	70.63 5.20 -1.10	56.75 3.97 -2.50
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	60.48 -0.25 0.00	80.37 -0.47 0.00	68.80 -0.71 0.00	72.26 -0.56 0.00	77.43 -0.54 0.00	53.01 -0.24 -0.35	90.62 -0.66 0.00	64.36 -0.28 0.00	52.84 -0.15 0.00	51.88 -0.02 0.00	119.12 -0.45 0.00	140.69 0.15 0.00	134.14 0.16 0.00	117.88 0.09 0.00	81.28 0.34 -0.89	57.78 0.53 -2.22	87.94 1.08 -0.05	61.74 0.88 -5.78	74.28 0.99 -2.10	55.66 0.45 -3.45	105.69 0.54 0.00	100.99 0.40 0.00	64.57 0.12 -0.12	50.76 0.22 -0.26

HAMLTNNY_34_KV_TB 80303	60.80 0.07 0.00	80.82 -0.02 0.00	69.11 -0.40 0.00	72.64 -0.18 0.00	77.87 -0.11 0.00	53.36 0.09 -0.38	91.15 -0.13 0.00	64.81 0.17 0.00	53.24 0.26 0.00	52.28 0.39 0.00	119.87 0.30 0.00	141.82 1.28 0.00	135.05 1.06 0.00	118.62 0.84 -0.01	81.97 0.96 -0.95	58.42 1.03 -2.38	88.82 1.96 -0.06	62.75 1.49 -6.18	75.14 1.70 -2.25	56.31 0.85 -3.69	106.56 1.40 0.00	101.81 1.22 0.00	65.08 0.62 -0.12	51.19 0.63 -0.28
HAMPSHIRE___PAPER_HYD 323593	59.59 -1.13 0.00	79.62 -1.23 0.00	68.52 -0.98 0.00	71.62 -1.20 0.00	76.41 -1.56 0.00	51.34 -1.64 -0.09	87.79 -3.48 0.00	62.58 -2.05 0.00	51.32 -1.66 0.00	49.99 -1.90 0.00	116.61 -2.96 0.00	135.95 -4.59 0.00	129.43 -4.56 0.00	114.22 -3.56 0.00	77.98 -2.29 -0.22	53.61 -1.95 -0.54	84.78 -2.03 -0.01	55.29 -1.20 -1.41	70.33 -1.37 -0.51	51.65 -0.96 -0.84	103.47 -1.68 0.00	99.88 -0.71 0.00	63.90 -0.46 -0.03	49.80 -0.54 -0.06
HARDSCRABBLE_WT_PWR 323673	62.13 1.40 0.00	82.47 1.63 0.00	70.62 1.11 0.00	74.36 1.54 0.00	79.81 1.84 0.00	54.09 1.19 0.00	93.03 1.76 0.00	65.76 1.13 0.00	54.08 1.09 0.00	53.30 1.41 0.00	122.99 3.42 0.00	145.80 5.25 0.00	139.15 5.17 0.00	121.89 4.12 0.00	83.26 3.20 0.00	57.39 2.37 0.00	90.94 4.14 0.00	57.88 2.81 0.00	74.72 3.53 0.00	54.20 2.44 0.00	109.64 4.48 0.00	104.46 3.87 0.00	66.54 2.20 0.00	51.89 1.61 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	64.34 3.61 0.00	84.96 4.12 0.00	72.74 3.24 0.00	76.39 3.58 0.00	81.88 3.90 0.00	59.06 3.05 -3.12	97.35 5.34 -0.73	84.05 3.89 -15.52	61.92 3.35 -5.59	55.48 3.58 0.00	181.78 8.72 -53.50	151.56 11.02 0.00	149.06 10.13 -4.94	126.55 8.72 -0.05	96.77 6.20 -10.51	90.37 4.33 -31.02	94.17 6.90 -0.48	110.92 4.48 -51.37	95.63 5.76 -18.67	86.47 4.06 -30.65	112.65 7.49 0.00	107.64 7.04 0.00	69.75 4.39 -1.02	55.95 3.33 -2.34
HARSNRAD_115KV_TB1 81005	51.52 -5.32 3.89	65.64 -7.24 7.96	61.38 -6.67 1.46	59.69 -6.76 6.38	68.66 -7.46 1.86	47.63 -4.92 0.34	76.54 -9.45 5.28	54.61 -6.47 3.55	45.81 -5.41 1.77	42.65 -4.93 4.32	88.81 -12.53 18.22	112.55 -13.46 14.54	110.82 -13.17 10.00	105.36 -11.94 0.48	72.95 -7.73 -0.62	55.16 -4.87 -5.02	80.13 -6.75 -0.08	59.88 -3.65 -8.45	69.29 -4.97 -3.07	52.16 -4.65 -5.04	94.54 -10.03 0.58	90.79 -9.80 0.00	58.71 -5.80 -0.17	46.85 -3.81 -0.38
HARZA MOOSE___RIVER 24016	60.56 -0.16 0.00	80.61 -0.23 0.00	69.16 -0.34 0.00	72.56 -0.26 0.00	77.59 -0.38 0.00	52.70 -0.31 -0.11	90.62 -0.65 0.00	64.40 -0.23 0.00	52.93 -0.06 0.00	51.95 0.05 0.00	120.06 0.49 0.00	141.07 0.52 0.00	134.51 0.52 0.00	118.60 0.82 0.00	81.14 0.80 -0.28	56.47 0.76 -0.70	89.04 2.22 -0.02	58.57 1.68 -1.82	74.04 2.19 -0.66	54.25 1.40 -1.08	107.81 2.66 0.00	103.38 2.78 0.00	65.63 1.26 -0.04	51.08 0.71 -0.08
HDSNBRDG_115KV_BRDG_TB1 355580	59.64 -1.08 0.00	79.22 -1.63 0.00	67.90 -1.60 0.00	71.25 -1.57 0.00	76.34 -1.63 0.00	52.20 -1.02 -0.33	89.28 -2.00 0.00	63.35 -1.29 0.00	51.98 -1.00 0.00	51.05 -0.85 0.00	117.36 -2.21 0.00	138.45 -2.09 0.00	132.09 -1.90 0.00	116.12 -1.66 0.00	79.93 -0.95 -0.82	56.67 -0.42 -2.07	86.36 -0.49 -0.05	60.31 -0.13 -5.37	72.87 -0.27 -1.95	54.56 -0.40 -3.20	103.96 -1.20 0.00	99.33 -1.26 0.00	63.59 -0.85 -0.11	49.97 -0.56 -0.24
HELLGATE_13_KV_LD 55870	64.68 3.96 0.00	85.29 4.45 0.00	73.04 3.54 0.00	76.68 3.85 0.00	82.18 4.21 0.00	59.55 3.33 -3.33	97.87 5.80 -0.79	85.59 4.20 -16.75	62.65 3.64 -6.03	55.88 3.98 0.00	186.94 9.63 -57.73	152.90 12.36 0.00	150.88 11.60 -5.30	127.83 10.00 -0.05	98.47 7.18 -11.23	93.09 4.91 -33.17	95.05 7.73 -0.51	114.86 4.95 -54.83	97.57 6.45 -19.93	89.04 4.57 -32.71	113.47 8.32 0.00	108.42 7.82 0.00	70.36 4.93 -1.09	56.54 3.76 -2.49
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	64.68 3.96 0.00	85.29 4.45 0.00	73.04 3.54 0.00	76.68 3.85 0.00	82.18 4.21 0.00	59.55 3.33 -3.33	97.87 5.80 -0.79	85.59 4.20 -16.75	62.65 3.64 -6.03	55.88 3.98 0.00	186.94 9.63 -57.73	152.90 12.36 0.00	150.88 11.60 -5.30	127.83 10.00 -0.05	98.47 7.18 -11.23	93.09 4.91 -33.17	95.05 7.73 -0.51	114.86 4.95 -54.83	97.57 6.45 -19.93	89.04 4.57 -32.71	113.47 8.32 0.00	108.42 7.82 0.00	70.36 4.93 -1.09	56.54 3.76 -2.49
HEMPSTEAD____ 23647	69.56 4.70 -4.13	86.33 5.48 0.00	73.79 4.29 0.00	77.40 4.58 0.00	82.97 5.00 0.00	60.09 3.86 -3.33	148.78 6.71 -50.79	187.88 5.04 -118.20	63.18 4.17 -6.03	61.39 4.47 -5.02	228.93 11.16 -98.19	202.50 14.25 -47.71	179.18 13.24 -31.96	182.84 11.62 -53.44	159.38 8.18 -71.14	197.30 5.60 -136.68	161.69 8.91 -65.98	163.09 5.71 -102.31	150.41 7.46 -71.76	144.82 5.29 -87.76	167.14 9.90 -52.10	161.00 9.27 -51.13	71.17 5.73 -1.10	57.06 4.28 -2.50
HEWLETT_69_KV_BK3 55828	70.84 5.52 -4.59	87.18 6.34 0.00	74.39 4.89 0.00	78.02 5.20 0.00	83.63 5.66 0.00	60.53 4.31 -3.33	149.52 7.45 -50.79	188.46 5.63 -118.20	63.69 4.67 -6.03	68.94 5.01 -12.03	293.54 12.50 -161.47	291.54 15.56 -135.43	255.24 14.33 -106.92	324.49 12.47 -194.24	317.97 8.80 -229.12	480.15 6.06 -419.07	336.52 9.27 -240.45	299.38 5.92 -238.38	294.90 7.66 -216.05	290.15 5.45 -232.94	313.47 10.31 -198.00	296.66 10.10 -185.96	71.79 6.32 -1.14	57.52 4.73 -2.51
HICKLING___1 23621	45.71 -2.90 12.12	59.26 -4.09 17.49	61.12 -3.77 4.61	48.67 -3.90 20.25	68.07 -4.00 5.90	48.47 -2.55 1.87	77.95 -4.45 8.88	65.98 -2.81 -4.16	53.72 -2.07 -2.80	52.86 -1.51 -2.47	119.14 -4.47 -4.03	144.75 -4.10 -8.31	137.75 -3.80 -7.57	114.60 -3.47 -0.29	82.04 -1.62 -3.60	63.39 -0.46 -8.83	86.72 -0.21 -0.13	69.42 0.20 -14.14	76.34 0.01 -5.14	59.70 -0.50 -8.44	103.94 -1.55 -0.33	98.79 -1.80 0.00	63.40 -1.22 -0.28	50.30 -0.63 -0.64
HICKLING___2 23622	45.71 -2.90 12.12	59.26 -4.09 17.49	61.12 -3.77 4.61	48.67 -3.90 20.25	68.07 -4.00 5.90	48.47 -2.55 1.87	77.95 -4.45 8.88	65.98 -2.81 -4.16	53.72 -2.07 -2.80	52.86 -1.51 -2.47	119.14 -4.47 -4.03	144.75 -4.10 -8.31	137.75 -3.80 -7.57	114.60 -3.47 -0.29	82.04 -1.62 -3.60	63.39 -0.46 -8.83	86.72 -0.21 -0.13	69.42 0.20 -14.14	76.34 0.01 -5.14	59.70 -0.50 -8.44	103.94 -1.55 -0.33	98.79 -1.80 0.00	63.40 -1.22 -0.28	50.30 -0.63 -0.64
HIGH FALLS___HY 23754	64.95 4.22 0.00	85.72 4.88 0.00	73.43 3.93 0.00	77.12 4.30 0.00	82.72 4.75 0.00	59.90 3.68 -3.33	98.86 6.48 -1.11	92.73 4.64 -23.45	65.41 3.98 -8.44	56.09 4.19 0.00	210.71 10.26 -80.89	153.61 13.06 0.00	152.40 11.96 -6.45	127.89 10.06 -0.05	98.97 7.24 -11.67	95.49 5.15 -35.32	95.58 8.27 -0.51	115.15 5.37 -54.70	98.01 6.93 -19.89	89.23 4.83 -32.64	114.14 8.98 0.00	109.01 8.41 0.00	70.63 5.21 -1.09	56.66 3.89 -2.49
HIGH_RIVER___SOLAR 323847	63.24 2.51 0.00	84.04 3.20 0.00	72.11 2.61 0.00	75.77 2.95 0.00	81.12 3.15 0.00	59.62 2.25 -4.48	103.05 3.83 -7.95	235.57 2.74 -168.19	115.69 2.15 -60.56	53.98 2.08 0.00	704.67 4.81 -580.28	146.36 5.82 0.00	171.96 5.98 -31.99	123.02 5.17 -0.07	108.46 3.97 -24.43	148.69 2.95 -90.72	92.31 4.85 -0.67	129.74 3.16 -71.51	101.19 4.01 -25.99	97.20 2.77 -42.66	110.47 5.31 0.00	105.64 5.05 0.00	68.93 3.16 -1.43	55.93 2.39 -3.25

HILLBURN___GT 23639	64.16 3.43 0.00	84.64 3.79 0.00	72.46 2.96 0.00	76.08 3.26 0.00	81.55 3.59 0.00	58.89 2.84 -3.16	97.04 5.02 -0.74	84.06 3.67 -15.75	61.84 3.19 -5.67	55.34 3.45 0.00	182.25 8.40 -54.28	151.21 10.66 0.00	148.79 9.80 -5.01	126.13 8.31 -0.05	96.63 5.92 -10.65	90.62 4.16 -31.44	93.89 6.60 -0.49	111.41 4.29 -52.05	95.62 5.50 -18.92	86.74 3.93 -31.05	112.32 7.17 0.00	107.33 6.73 0.00	69.56 4.19 -1.04	55.81 3.16 -2.37
HILLSIDE_115KV_TB1 80332	46.33 -3.05 11.34	60.17 -4.24 16.43	61.32 -3.89 4.30	49.88 -4.06 18.88	68.37 -4.10 5.50	48.59 -2.66 1.65	78.39 -4.56 8.32	66.00 -2.95 -4.31	53.50 -2.23 -2.75	52.38 -1.70 -2.18	119.79 -4.94 -5.15	143.37 -4.53 -7.35	136.78 -4.13 -6.92	114.18 -3.86 -0.26	81.79 -1.89 -3.63	63.37 -0.80 -9.15	86.05 -0.89 -0.14	69.36 -0.35 -14.64	75.91 -0.60 -5.32	59.67 -0.82 -8.73	103.24 -2.21 -0.30	98.27 -2.33 0.00	63.09 -1.54 -0.29	50.02 -0.93 -0.66
HISHELDN_WT_PWR 323625	48.87 -6.19 5.66	56.86 -8.42 15.56	59.83 -7.54 2.13	55.88 -7.60 9.34	66.99 -8.26 2.72	46.79 -5.45 0.65	69.75 -9.92 11.60	50.75 -6.60 7.28	42.95 -5.16 4.87	32.27 -4.71 14.91	69.24 -11.97 38.36	77.53 -12.79 50.22	86.12 -12.19 35.67	105.28 -10.83 1.67	71.55 -6.71 1.80	57.09 -3.91 -5.98	81.56 -5.33 -0.09	62.45 -2.63 -10.01	71.01 -3.82 -3.64	53.97 -3.77 -5.97	94.97 -8.16 2.02	92.66 -7.93 0.00	59.83 -4.70 -0.20	47.80 -2.94 -0.45
HOLTSVILLE_IC_1 23690	72.54 5.87 -5.94	87.86 7.00 -0.02	74.98 5.48 0.00	78.53 5.71 0.00	84.17 6.20 0.00	60.92 4.70 -3.33	150.21 8.14 -50.79	188.84 6.00 -118.20	63.75 4.74 -6.03	59.75 4.93 -2.92	210.66 11.86 -79.24	177.07 15.09 -21.43	157.74 14.25 -9.50	141.60 12.56 -11.26	112.70 8.83 -23.81	113.19 6.08 -52.09	110.29 9.78 -13.71	122.79 6.16 -61.54	107.65 7.93 -28.53	101.71 5.67 -44.27	124.20 10.66 -8.39	121.54 10.21 -10.73	71.83 6.39 -1.10	57.61 4.84 -2.49
HOLTSVILLE_IC_10 23699	72.87 6.23 -5.91	88.30 7.45 -0.02	75.34 5.84 0.00	78.90 6.08 0.00	84.56 6.59 0.00	61.20 4.98 -3.33	150.69 8.62 -50.79	189.19 6.35 -118.20	64.05 5.04 -6.03	60.11 5.26 -2.96	211.76 12.58 -79.61	178.46 15.98 -21.94	159.12 15.19 -9.94	143.24 13.38 -12.08	114.18 9.39 -24.73	115.21 6.46 -53.73	111.91 10.39 -14.72	123.95 6.54 -62.33	108.94 8.38 -29.37	102.89 6.01 -45.12	125.71 11.32 -9.24	122.94 10.82 -11.52	72.20 6.77 -1.10	57.91 5.14 -2.49
HOLTSVILLE_IC_2 23691	72.54 5.87 -5.94	87.86 7.00 -0.02	74.98 5.48 0.00	78.53 5.71 0.00	84.17 6.20 0.00	60.92 4.70 -3.33	150.21 8.14 -50.79	188.84 6.00 -118.20	63.75 4.74 -6.03	59.75 4.93 -2.92	210.66 11.86 -79.24	177.07 15.09 -21.43	157.74 14.25 -9.50	141.60 12.56 -11.26	112.70 8.83 -23.81	113.19 6.08 -52.09	110.29 9.78 -13.71	122.79 6.16 -61.54	107.65 7.93 -28.53	101.71 5.67 -44.27	124.20 10.66 -8.39	121.54 10.21 -10.73	71.83 6.39 -1.10	57.61 4.84 -2.49
HOLTSVILLE_IC_3 23692	72.54 5.87 -5.94	87.86 7.00 -0.02	74.98 5.48 0.00	78.53 5.71 0.00	84.17 6.20 0.00	60.92 4.70 -3.33	150.21 8.14 -50.79	188.84 6.00 -118.20	63.75 4.74 -6.03	59.75 4.93 -2.92	210.66 11.86 -79.24	177.07 15.09 -21.43	157.74 14.25 -9.50	141.60 12.56 -11.26	112.70 8.83 -23.81	113.19 6.08 -52.09	110.29 9.78 -13.71	122.79 6.16 -61.54	107.65 7.93 -28.53	101.71 5.67 -44.27	124.20 10.66 -8.39	121.54 10.21 -10.73	71.83 6.39 -1.10	57.61 4.84 -2.49
HOLTSVILLE_IC_4 23693	72.54 5.87 -5.94	87.86 7.00 -0.02	74.98 5.48 0.00	78.53 5.71 0.00	84.17 6.20 0.00	60.92 4.70 -3.33	150.21 8.14 -50.79	188.84 6.00 -118.20	63.75 4.74 -6.03	59.75 4.93 -2.92	210.66 11.86 -79.24	177.07 15.09 -21.43	157.74 14.25 -9.50	141.60 12.56 -11.26	112.70 8.83 -23.81	113.19 6.08 -52.09	110.29 9.78 -13.71	122.79 6.16 -61.54	107.65 7.93 -28.53	101.71 5.67 -44.27	124.20 10.66 -8.39	121.54 10.21 -10.73	71.83 6.39 -1.10	57.61 4.84 -2.49
HOLTSVILLE_IC_5 23694	72.54 5.87 -5.94	87.86 7.00 -0.02	74.98 5.48 0.00	78.53 5.71 0.00	84.17 6.20 0.00	60.92 4.70 -3.33	150.21 8.14 -50.79	188.84 6.00 -118.20	63.75 4.74 -6.03	59.75 4.93 -2.92	210.66 11.86 -79.24	177.07 15.09 -21.43	157.74 14.25 -9.50	141.60 12.56 -11.26	112.70 8.83 -23.81	113.19 6.08 -52.09	110.29 9.78 -13.71	122.79 6.16 -61.54	107.65 7.93 -28.53	101.71 5.67 -44.27	124.20 10.66 -8.39	121.54 10.21 -10.73	71.83 6.39 -1.10	57.61 4.84 -2.49
HOLTSVILLE_IC_6 23695	72.87 6.23 -5.91	88.30 7.45 -0.02	75.34 5.84 0.00	78.90 6.08 0.00	84.56 6.59 0.00	61.20 4.98 -3.33	150.69 8.62 -50.79	189.19 6.35 -118.20	64.05 5.04 -6.03	60.11 5.26 -2.96	211.76 12.58 -79.61	178.46 15.98 -21.94	159.12 15.19 -9.94	143.24 13.38 -12.08	114.18 9.39 -24.73	115.21 6.46 -53.73	111.91 10.39 -14.72	123.95 6.54 -62.33	108.94 8.38 -29.37	102.89 6.01 -45.12	125.71 11.32 -9.24	122.94 10.82 -11.52	72.20 6.77 -1.10	57.91 5.14 -2.49
HOLTSVILLE_IC_7 23696	72.87 6.23 -5.91	88.30 7.45 -0.02	75.34 5.84 0.00	78.90 6.08 0.00	84.56 6.59 0.00	61.20 4.98 -3.33	150.69 8.62 -50.79	189.19 6.35 -118.20	64.05 5.04 -6.03	60.11 5.26 -2.96	211.76 12.58 -79.61	178.46 15.98 -21.94	159.12 15.19 -9.94	143.24 13.38 -12.08	114.18 9.39 -24.73	115.21 6.46 -53.73	111.91 10.39 -14.72	123.95 6.54 -62.33	108.94 8.38 -29.37	102.89 6.01 -45.12	125.71 11.32 -9.24	122.94 10.82 -11.52	72.20 6.77 -1.10	57.91 5.14 -2.49
HOLTSVILLE_IC_8 23697	72.87 6.23 -5.91	88.30 7.45 -0.02	75.34 5.84 0.00	78.90 6.08 0.00	84.56 6.59 0.00	61.20 4.98 -3.33	150.69 8.62 -50.79	189.19 6.35 -118.20	64.05 5.04 -6.03	60.11 5.26 -2.96	211.76 12.58 -79.61	178.46 15.98 -21.94	159.12 15.19 -9.94	143.24 13.38 -12.08	114.18 9.39 -24.73	115.21 6.46 -53.73	111.91 10.39 -14.72	123.95 6.54 -62.33	108.94 8.38 -29.37	102.89 6.01 -45.12	125.71 11.32 -9.24	122.94 10.82 -11.52	72.20 6.77 -1.10	57.91 5.14 -2.49
HOLTSVILLE_IC_9 23698	72.87 6.23 -5.91	88.30 7.45 -0.02	75.34 5.84 0.00	78.90 6.08 0.00	84.56 6.59 0.00	61.20 4.98 -3.33	150.69 8.62 -50.79	189.19 6.35 -118.20	64.05 5.04 -6.03	60.11 5.26 -2.96	211.76 12.58 -79.61	178.46 15.98 -21.94	159.12 15.19 -9.94	143.24 13.38 -12.08	114.18 9.39 -24.73	115.21 6.46 -53.73	111.91 10.39 -14.72	123.95 6.54 -62.33	108.94 8.38 -29.37	102.89 6.01 -45.12	125.71 11.32 -9.24	122.94 10.82 -11.52	72.20 6.77 -1.10	57.91 5.14 -2.49
HOMER_HL_115KV_TB2 355744	50.55 -4.27 5.91	65.16 -6.03 9.66	61.61 -5.68 2.22	57.62 -5.50 9.70	69.09 -6.05 2.83	48.37 -3.86 0.66	79.11 -6.80 5.36	61.59 -4.71 -1.67	50.02 -3.76 -0.80	47.51 -3.13 1.25	110.56 -8.44 0.57	127.68 -8.67 4.20	124.56 -7.45 1.98	111.08 -6.57 0.13	78.18 -3.75 -1.87	59.56 -2.00 -6.54	84.55 -2.35 -0.10	64.13 -1.53 -10.57	72.83 -2.20 -3.84	55.51 -2.57 -6.31	99.59 -5.40 0.17	95.70 -4.89 0.00	61.81 -2.73 -0.21	49.20 -1.56 -0.48
HOWARD_WT_PWR 323690	42.13 -6.62 11.98	61.10 -9.06 10.68	57.07 -7.85 4.59	44.99 -7.71 20.12	63.53 -8.57 5.86	45.13 -5.77 1.99	79.07 -10.10 2.11	70.65 -6.54 -12.56	56.65 -4.69 -8.36	65.11 -3.57 -16.79	150.56 -9.65 -40.64	186.43 -10.65 -56.53	166.09 -10.44 -42.55	110.91 -8.77 -1.91	82.53 -4.34 -6.81	60.74 -1.60 -7.32	85.47 -1.44 -0.11	66.72 -0.13 -11.77	74.61 -0.86 -4.28	57.07 -1.72 -7.02	103.83 -3.59 -2.28	96.39 -4.20 0.00	61.33 -3.24 -0.23	48.74 -2.07 -0.53

HQ_GEN_CEDARS 23644	60.53 -0.19 0.00	81.16 0.31 0.00	70.08 0.57 0.00	73.00 0.18 0.00	78.06 0.09 0.00	52.45 -0.44 0.00	90.46 -0.82 0.00	64.60 -0.04 0.00	52.78 -0.20 0.00	51.02 -0.87 0.00	119.09 -0.48 0.00	137.43 -3.12 0.00	130.86 -3.13 0.00	115.90 -1.88 0.00	78.46 -1.59 0.00	53.09 -1.93 0.00	84.02 -2.78 0.00	52.84 -2.24 0.00	68.61 -2.58 0.00	50.22 -1.55 0.00	102.78 -2.37 0.00	99.08 -1.51 0.00	63.65 -0.69 0.00	49.73 -0.55 0.00
HQ_GEN_CEDARS_PROXY 323590	60.54 -0.19 0.00	81.15 0.30 0.00	70.08 0.58 0.00	73.02 0.20 0.00	78.07 0.10 0.00	30.85 -0.43 21.61	90.46 -0.82 0.00	64.61 -0.03 0.00	52.78 -0.20 0.00	51.02 -0.87 0.00	119.11 -0.46 0.00	137.43 -3.12 0.00	130.82 -3.17 0.00	115.90 -1.88 0.00	78.47 -1.59 0.00	53.09 -1.93 0.00	84.02 -2.79 0.00	52.84 -2.24 0.00	68.62 -2.58 0.00	50.22 -1.55 0.00	102.78 -2.38 0.00	99.08 -1.52 0.00	63.65 -0.68 0.00	48.35 -0.55 1.38
HQ_GEN_IMPORT 323601	60.29 -0.44 0.00	80.66 -0.18 0.00	69.65 0.15 0.00	72.62 -0.20 0.00	77.73 -0.24 0.00	52.45 -0.44 0.00	90.73 -0.54 0.00	64.39 -0.25 0.00	52.75 -0.23 0.00	51.37 -0.52 0.00	107.21 -1.10 11.26	138.42 -2.12 0.00	131.79 -2.20 0.00	115.81 -1.96 0.00	75.68 -1.53 2.84	53.67 -1.35 0.00	84.52 -2.29 0.00	53.43 -1.64 0.00	69.14 -2.05 0.00	50.52 -1.25 0.00	103.31 -1.84 0.00	98.88 -1.71 0.00	63.32 -1.01 0.00	49.42 -0.87 0.00
HQ_GEN_WHEEL 23651	60.29 -0.44 0.00	80.66 -0.18 0.00	69.65 0.15 0.00	72.62 -0.20 0.00	77.73 -0.24 0.00	52.45 -0.44 0.00	90.73 -0.54 0.00	64.39 -0.25 0.00	52.75 -0.23 0.00	51.37 -0.52 0.00	107.21 -1.10 11.26	138.42 -2.12 0.00	131.79 -2.20 0.00	115.81 -1.96 0.00	75.68 -1.53 2.84	53.67 -1.35 0.00	84.52 -2.29 0.00	53.43 -1.64 0.00	69.14 -2.05 0.00	50.52 -1.25 0.00	103.31 -1.84 0.00	98.88 -1.71 0.00	63.32 -1.01 0.00	49.42 -0.87 0.00
HUDSON AVE_GT_3 23810	64.63 3.91 0.00	85.26 4.41 0.00	72.98 3.48 0.00	76.58 3.77 0.00	82.11 4.14 0.00	59.53 3.30 -3.33	97.80 5.74 -0.79	85.49 4.10 -16.75	62.58 3.57 -6.03	55.79 3.90 0.00	186.80 9.50 -57.73	152.67 12.13 0.00	150.58 11.29 -5.30	127.61 9.79 -0.05	98.24 6.95 -11.23	92.99 4.81 -33.16	94.86 7.55 -0.51	114.75 4.85 -54.82	97.44 6.32 -19.93	88.95 4.47 -32.71	113.35 8.20 0.00	108.31 7.71 0.00	70.33 4.89 -1.09	56.48 3.70 -2.49
HUDSON AVE_GT_4 23540	64.63 3.91 0.00	85.26 4.41 0.00	72.98 3.48 0.00	76.58 3.77 0.00	82.11 4.14 0.00	59.53 3.30 -3.33	97.80 5.74 -0.79	85.49 4.10 -16.75	62.58 3.57 -6.03	55.79 3.90 0.00	186.80 9.50 -57.73	152.67 12.13 0.00	150.58 11.29 -5.30	127.61 9.79 -0.05	98.24 6.95 -11.23	92.99 4.81 -33.16	94.86 7.55 -0.51	114.75 4.85 -54.82	97.44 6.32 -19.93	88.95 4.47 -32.71	113.35 8.20 0.00	108.31 7.71 0.00	70.33 4.89 -1.09	56.48 3.70 -2.49
HUDSON AVE_GT_5 23657	64.63 3.91 0.00	85.26 4.41 0.00	72.98 3.48 0.00	76.58 3.77 0.00	82.11 4.14 0.00	59.53 3.30 -3.33	97.80 5.74 -0.79	85.49 4.10 -16.75	62.58 3.57 -6.03	55.79 3.90 0.00	186.80 9.50 -57.73	152.67 12.13 0.00	150.58 11.29 -5.30	127.61 9.79 -0.05	98.24 6.95 -11.23	92.99 4.81 -33.16	94.86 7.55 -0.51	114.75 4.85 -54.82	97.44 6.32 -19.93	88.95 4.47 -32.71	113.35 8.20 0.00	108.31 7.71 0.00	70.33 4.89 -1.09	56.48 3.70 -2.49
HUDSON_AVE_10 24168	64.35 3.63 0.00	84.86 4.02 0.00	72.67 3.17 0.00	76.26 3.44 0.00	81.78 3.81 0.00	59.29 3.07 -3.33	97.41 5.35 -0.79	85.20 3.81 -16.75	62.34 3.33 -6.03	55.53 3.64 0.00	186.21 8.91 -57.73	151.98 11.44 0.00	149.95 10.67 -5.30	127.01 9.18 -0.05	97.88 6.59 -11.23	92.75 4.57 -33.16	94.42 7.11 -0.51	114.48 4.58 -54.82	97.09 5.97 -19.93	88.70 4.23 -32.71	112.83 7.67 0.00	107.82 7.22 0.00	70.04 4.61 -1.09	56.26 3.48 -2.49
HUDSON___115KV_TB 4 355613	64.59 3.86 0.00	85.68 4.84 0.00	73.49 3.99 0.00	77.28 4.46 0.00	82.73 4.75 0.00	60.24 3.26 -4.08	100.16 5.40 -3.49	142.40 3.92 -73.85	82.77 3.19 -26.59	55.22 3.32 0.00	381.67 7.26 -254.84	149.12 8.58 0.00	158.41 8.77 -15.65	125.47 7.63 -0.06	102.29 5.17 -17.06	115.85 3.46 -57.37	92.89 5.48 -0.61	123.89 3.52 -65.30	99.55 4.62 -23.73	93.95 3.23 -38.96	111.59 6.43 0.00	106.69 6.10 0.00	69.43 3.79 -1.30	56.32 3.07 -2.97
HUNTER MOUNT___DRP 323613	64.87 4.14 0.00	86.09 5.25 0.00	73.84 4.34 0.00	77.65 4.84 0.00	83.12 5.15 0.00	60.40 3.53 -3.97	100.20 5.97 -2.96	131.49 4.28 -62.57	79.04 3.53 -22.53	55.58 3.68 0.00	342.97 7.51 -215.89	149.29 8.75 0.00	157.24 9.62 -13.63	126.39 8.56 -0.06	101.70 5.62 -16.02	111.73 3.83 -52.89	93.57 6.17 -0.59	122.78 3.93 -63.77	99.53 5.16 -23.18	93.38 3.57 -38.04	112.32 7.17 0.00	107.41 6.81 0.00	69.82 4.21 -1.27	56.55 3.37 -2.90
HUNTINGTON_RES_REC 323705	72.12 5.50 -5.90	87.42 6.57 -0.02	74.64 5.14 0.00	78.21 5.39 0.00	83.83 5.85 0.00	60.70 4.47 -3.33	149.66 7.60 -50.79	188.41 5.58 -118.20	63.46 4.45 -6.03	59.82 4.96 -2.96	211.54 12.37 -79.61	178.18 15.70 -21.94	158.67 14.75 -9.94	142.82 12.96 -12.08	113.81 9.02 -24.73	114.92 6.17 -53.73	111.38 9.86 -14.72	123.68 6.27 -62.33	108.61 8.06 -29.37	102.61 5.73 -45.12	125.18 10.80 -9.24	122.36 10.25 -11.52	71.83 6.40 -1.10	57.63 4.86 -2.49
HUNTLEY___63 23557	51.53 -5.06 4.14	65.46 -6.88 8.50	61.56 -6.39 1.55	59.60 -6.43 6.79	68.88 -7.12 1.98	47.83 -4.69 0.38	76.65 -8.97 5.65	54.76 -6.06 3.81	45.99 -5.09 1.91	42.66 -4.59 4.65	88.21 -11.81 19.55	112.19 -12.69 15.66	110.83 -12.36 10.79	106.22 -11.04 0.52	73.54 -7.12 -0.60	55.78 -4.45 -5.21	80.81 -6.07 -0.08	60.64 -3.20 -8.76	69.98 -4.39 -3.19	52.75 -4.24 -5.23	95.34 -9.19 0.63	91.70 -8.90 0.00	59.44 -5.07 -0.17	47.54 -3.14 -0.40
HUNTLEY___64 23558	51.53 -5.06 4.14	65.46 -6.88 8.50	61.56 -6.39 1.55	59.60 -6.43 6.79	68.88 -7.12 1.98	47.83 -4.69 0.38	76.65 -8.97 5.65	54.76 -6.06 3.81	45.99 -5.09 1.91	42.66 -4.59 4.65	88.21 -11.81 19.55	112.19 -12.69 15.66	110.83 -12.36 10.79	106.22 -11.04 0.52	73.54 -7.12 -0.60	55.78 -4.45 -5.21	80.81 -6.07 -0.08	60.64 -3.20 -8.76	69.98 -4.39 -3.19	52.75 -4.24 -5.23	95.34 -9.19 0.63	91.70 -8.90 0.00	59.44 -5.07 -0.17	47.54 -3.14 -0.40
HUNTLEY___65 23559	51.53 -5.06 4.14	65.46 -6.88 8.50	61.56 -6.39 1.55	59.60 -6.43 6.79	68.88 -7.12 1.98	47.83 -4.69 0.38	76.65 -8.97 5.65	54.76 -6.06 3.81	45.99 -5.09 1.91	42.66 -4.59 4.65	88.21 -11.81 19.55	112.19 -12.69 15.66	110.83 -12.36 10.79	106.22 -11.04 0.52	73.54 -7.12 -0.60	55.78 -4.45 -5.21	80.81 -6.07 -0.08	60.64 -3.20 -8.76	69.98 -4.39 -3.19	52.75 -4.24 -5.23	95.34 -9.19 0.63	91.70 -8.90 0.00	59.44 -5.07 -0.17	47.54 -3.14 -0.40
HUNTLEY___66 23560	51.53 -5.06 4.14	65.46 -6.88 8.50	61.56 -6.39 1.55	59.60 -6.43 6.79	68.88 -7.12 1.98	47.83 -4.69 0.38	76.65 -8.97 5.65	54.76 -6.06 3.81	45.99 -5.09 1.91	42.66 -4.59 4.65	88.21 -11.81 19.55	112.19 -12.69 15.66	110.83 -12.36 10.79	106.22 -11.04 0.52	73.54 -7.12 -0.60	55.78 -4.45 -5.21	80.81 -6.07 -0.08	60.64 -3.20 -8.76	69.98 -4.39 -3.19	52.75 -4.24 -5.23	95.34 -9.19 0.63	91.70 -8.90 0.00	59.44 -5.07 -0.17	47.54 -3.14 -0.40



HUNTLEY___67 23561	50.89 -5.53 4.30	64.16 -7.56 9.12	61.00 -6.88 1.61	58.76 -7.00 7.06	68.22 -7.69 2.06	47.42 -5.07 0.40	75.49 -9.63 6.16	53.79 -6.49 4.35	45.35 -5.41 2.23	41.42 -5.03 5.44	84.82 -12.77 21.98	108.47 -13.77 18.31	108.07 -13.20 12.71	105.58 -11.59 0.60	72.94 -7.55 -0.43	55.61 -4.72 -5.31	80.38 -6.51 -0.08	60.52 -3.49 -8.93	69.64 -4.80 -3.24	52.62 -4.47 -5.33	94.65 -9.76 0.74	91.32 -9.28 0.00	59.23 -5.28 -0.18	47.39 -3.30 -0.41
HUNTLEY___68 23562	50.89 -5.53 4.30	64.16 -7.56 9.12	61.00 -6.88 1.61	58.76 -7.00 7.06	68.22 -7.69 2.06	47.42 -5.07 0.40	75.49 -9.63 6.16	53.79 -6.49 4.35	45.35 -5.41 2.23	41.42 -5.03 5.44	84.82 -12.77 21.98	108.47 -13.77 18.31	108.07 -13.20 12.71	105.58 -11.59 0.60	72.94 -7.55 -0.43	55.61 -4.72 -5.31	80.38 -6.51 -0.08	60.52 -3.49 -8.93	69.64 -4.80 -3.24	52.62 -4.47 -5.33	94.65 -9.76 0.74	91.32 -9.28 0.00	59.23 -5.28 -0.18	47.39 -3.30 -0.41
HYLAND___LFG 323620	53.10 -1.11 6.52	77.60 -1.86 1.39	65.09 -1.94 2.48	60.11 -1.85 10.86	72.74 -2.07 3.16	50.81 -1.22 0.87	92.25 -2.32 -3.30	74.39 -1.03 -10.78	60.11 -0.55 -7.68	70.39 -0.25 -18.75	158.32 -2.03 -40.78	201.65 -2.03 -63.14	177.60 -3.27 -46.88	117.02 -2.89 -2.13	85.75 -1.19 -6.88	61.27 0.45 -5.80	88.58 1.69 -0.09	67.08 2.30 -9.71	77.23 2.51 -3.53	58.50 0.94 -5.79	108.95 1.25 -2.54	101.45 0.86 0.00	64.97 0.44 -0.19	51.47 0.74 -0.44
INDECK___CORINTH 23802	62.85 2.12 0.00	83.36 2.52 0.00	71.41 1.91 0.00	75.12 2.29 0.00	80.45 2.48 0.00	59.06 1.83 -4.33	102.41 3.42 -7.71	230.64 2.88 -163.12	114.09 2.37 -58.74	54.29 2.39 0.00	687.84 5.45 -562.82	147.16 6.61 0.00	174.74 9.59 -31.17	126.95 9.10 -0.06	110.45 6.63 -23.76	147.92 4.60 -88.30	94.95 7.50 -0.64	129.16 4.92 -69.17	102.44 6.11 -25.14	97.28 4.25 -41.27	113.33 8.17 0.00	108.28 7.69 0.00	70.50 4.78 -1.38	57.14 3.71 -3.15
INDECK___ILION 23567	61.82 1.10 0.00	82.08 1.24 0.00	70.38 0.88 0.00	73.99 1.17 0.00	79.28 1.31 0.00	53.86 0.97 0.00	92.87 1.59 0.00	65.69 1.05 0.00	53.89 0.91 0.00	52.97 1.07 0.00	122.10 2.53 0.00	144.13 3.59 0.00	137.58 3.59 0.00	120.82 3.04 0.00	82.33 2.27 0.00	56.65 1.63 0.00	89.57 2.76 0.00	56.92 1.85 0.00	73.56 2.37 0.00	53.37 1.61 0.00	108.10 2.95 0.00	103.25 2.65 0.00	65.94 1.60 0.00	51.50 1.22 0.00
INDECK___OLEAN 23982	50.53 -4.29 5.91	65.18 -6.00 9.66	61.59 -5.69 2.22	57.60 -5.52 9.70	69.09 -6.05 2.83	48.35 -3.88 0.66	79.16 -6.75 5.36	61.58 -4.73 -1.67	50.04 -3.74 -0.80	47.52 -3.13 1.25	110.67 -8.34 0.57	127.80 -8.54 4.20	124.61 -7.39 1.98	111.09 -6.56 0.13	78.15 -3.78 -1.87	59.58 -1.98 -6.54	84.57 -2.33 -0.10	64.12 -1.53 -10.57	72.85 -2.18 -3.84	55.54 -2.54 -6.31	99.58 -5.40 0.17	95.71 -4.88 0.00	61.81 -2.74 -0.21	49.19 -1.58 -0.48
INDECK___OSWEGO 23783	58.69 -2.04 0.00	77.98 -2.87 0.00	66.88 -2.63 0.00	70.14 -2.68 0.00	75.10 -2.88 0.00	51.25 -1.89 -0.24	87.72 -3.56 0.00	62.20 -2.44 0.00	51.03 -1.96 0.00	50.08 -1.81 0.00	115.19 -4.38 0.00	135.76 -4.78 0.00	129.50 -4.48 0.00	113.95 -3.84 0.00	78.12 -2.53 -0.60	54.97 -1.55 -1.50	84.59 -2.24 -0.04	57.72 -1.25 -3.89	70.95 -1.66 -1.41	52.73 -1.36 -2.32	102.05 -3.11 0.00	97.57 -3.02 0.00	62.40 -2.01 -0.08	48.95 -1.51 -0.18
INDECK___YERKES 23781	51.57 -5.01 4.14	65.54 -6.80 8.50	61.60 -6.35 1.55	59.66 -6.37 6.79	68.94 -7.06 1.98	47.85 -4.67 0.38	76.77 -8.85 5.65	54.84 -5.98 3.81	46.07 -5.00 1.91	42.74 -4.51 4.65	88.48 -11.53 19.55	112.53 -12.35 15.66	111.05 -12.14 10.79	106.32 -10.94 0.52	73.63 -7.03 -0.60	55.86 -4.37 -5.21	80.91 -5.97 -0.08	60.69 -3.15 -8.76	70.05 -4.32 -3.19	52.82 -4.17 -5.23	95.41 -9.11 0.63	91.79 -8.81 0.00	59.48 -5.03 -0.17	47.58 -3.10 -0.40
INDIAN POINT_GT_1 24139	64.28 3.56 0.00	84.83 3.99 0.00	72.65 3.15 0.00	76.28 3.46 0.00	81.77 3.80 0.00	59.18 2.99 -3.29	97.29 5.24 -0.78	84.95 3.76 -16.55	62.19 3.26 -5.95	55.44 3.54 0.00	185.25 8.64 -57.03	151.55 11.00 0.00	149.37 10.14 -5.24	126.52 8.69 -0.05	97.36 6.20 -11.11	92.13 4.32 -32.80	94.13 6.82 -0.51	113.73 4.42 -54.23	96.60 5.70 -19.71	88.16 4.04 -32.35	112.56 7.41 0.00	107.57 6.98 0.00	69.79 4.37 -1.08	56.08 3.33 -2.47
INDIAN POINT_GT_2 23659	64.28 3.56 0.00	84.83 3.99 0.00	72.65 3.15 0.00	76.28 3.46 0.00	81.77 3.80 0.00	59.18 2.99 -3.29	97.29 5.24 -0.78	84.95 3.76 -16.55	62.19 3.26 -5.95	55.44 3.54 0.00	185.25 8.64 -57.03	151.55 11.00 0.00	149.37 10.14 -5.24	126.52 8.69 -0.05	97.36 6.20 -11.11	92.13 4.32 -32.80	94.13 6.82 -0.51	113.73 4.42 -54.23	96.60 5.70 -19.71	88.16 4.04 -32.35	112.56 7.41 0.00	107.57 6.98 0.00	69.79 4.37 -1.08	56.08 3.33 -2.47
INDIAN POINT_GT_3 24019	64.28 3.56 0.00	84.83 3.99 0.00	72.65 3.15 0.00	76.28 3.46 0.00	81.77 3.80 0.00	59.18 2.99 -3.29	97.29 5.24 -0.78	84.95 3.76 -16.55	62.19 3.26 -5.95	55.44 3.54 0.00	185.25 8.64 -57.03	151.55 11.00 0.00	149.37 10.14 -5.24	126.52 8.69 -0.05	97.36 6.20 -11.11	92.13 4.32 -32.80	94.13 6.82 -0.51	113.73 4.42 -54.23	96.60 5.70 -19.71	88.16 4.04 -32.35	112.56 7.41 0.00	107.57 6.98 0.00	69.79 4.37 -1.08	56.08 3.33 -2.47
INDIAN POINT___2 23530	64.16 3.44 0.00	84.67 3.82 0.00	72.51 3.00 0.00	76.13 3.31 0.00	81.59 3.62 0.00	59.02 2.88 -3.24	97.09 5.05 -0.77	84.51 3.64 -16.23	61.98 3.16 -5.84	55.33 3.44 0.00	183.89 8.38 -55.95	151.21 10.66 0.00	148.99 9.86 -5.15	126.20 8.37 -0.05	96.98 5.99 -10.94	91.48 4.18 -32.28	93.91 6.61 -0.50	112.77 4.28 -53.41	96.13 5.53 -19.42	87.54 3.91 -31.87	112.31 7.15 0.00	107.34 6.74 0.00	69.63 4.23 -1.07	55.91 3.20 -2.43
INDIAN POINT___3 23531	64.13 3.41 0.00	84.64 3.80 0.00	72.47 2.97 0.00	76.09 3.28 0.00	81.56 3.59 0.00	59.02 2.85 -3.28	97.04 4.99 -0.78	84.70 3.62 -16.44	62.04 3.14 -5.91	55.30 3.41 0.00	184.57 8.34 -56.65	151.18 10.63 0.00	149.01 9.82 -5.20	126.17 8.35 -0.05	97.07 5.96 -11.05	91.79 4.16 -32.61	93.90 6.60 -0.50	113.27 4.26 -53.93	96.29 5.50 -19.60	87.84 3.90 -32.17	112.30 7.15 0.00	107.33 6.74 0.00	69.64 4.23 -1.08	55.98 3.25 -2.45
INGHAM_C_115KV_TB7 356103	62.70 1.97 0.00	83.06 2.22 0.00	71.08 1.57 0.00	74.89 2.07 0.00	80.34 2.37 0.00	54.60 1.70 0.00	94.05 2.78 0.00	66.50 1.86 0.00	54.60 1.62 0.00	53.82 1.92 0.00	124.07 4.50 0.00	147.04 6.49 0.00	140.56 6.58 0.00	123.24 5.46 0.00	84.21 4.16 0.00	57.98 2.96 0.00	91.81 5.01 0.00	58.44 3.36 0.00	75.46 4.27 0.00	54.75 2.98 0.00	110.66 5.51 0.00	105.45 4.86 0.00	67.23 2.89 0.00	52.52 2.23 0.00
IP CORINTH___1 23988	63.17 2.45 0.00	83.79 2.94 0.00	71.77 2.28 0.00	75.48 2.66 0.00	80.87 2.89 0.00	59.35 2.12 -4.33	102.87 3.89 -7.71	230.99 3.23 -163.12	114.37 2.65 -58.74	54.56 2.66 0.00	688.45 6.06 -562.82	147.90 7.36 0.00	174.86 9.70 -31.17	126.94 9.10 -0.06	110.45 6.63 -23.76	147.92 4.60 -88.30	94.95 7.50 -0.64	129.16 4.92 -69.17	102.44 6.11 -25.14	97.28 4.25 -41.27	113.33 8.17 0.00	108.28 7.69 0.00	70.50 4.78 -1.38	57.14 3.71 -3.15

IP__TICONDEROGA 23804	65.00 4.27 0.00	86.00 5.16 0.00	73.63 4.13 0.00	77.57 4.75 0.00	83.22 5.25 0.00	60.83 3.61 -4.33	105.87 6.94 -7.65	232.72 6.23 -161.85	116.53 5.26 -58.28	56.85 4.95 0.00	688.37 10.35 -558.45	152.56 12.02 0.00	178.19 13.26 -30.95	130.91 13.07 -0.06	113.55 9.83 -23.66	149.50 6.63 -87.85	98.57 11.12 -0.64	131.58 7.42 -69.08	105.22 8.92 -25.11	99.12 6.14 -41.22	116.93 11.78 0.00	111.83 11.24 0.00	72.80 7.08 -1.38	59.12 5.70 -3.14
ISLIP_RES_REC 323679	73.09 6.47 -5.90	88.59 7.73 -0.02	75.60 6.10 0.00	79.16 6.34 0.00	84.84 6.87 0.00	61.40 5.18 -3.33	151.06 8.99 -50.79	189.45 6.62 -118.20	64.25 5.24 -6.03	60.35 5.47 -2.99	212.52 13.09 -79.86	179.40 16.57 -22.29	160.06 15.84 -10.23	144.38 13.96 -12.64	115.19 9.77 -25.36	116.61 6.73 -54.86	113.04 10.82 -15.42	124.76 6.81 -62.88	109.87 8.74 -29.94	103.72 6.26 -45.70	126.74 11.77 -9.81	123.87 11.23 -12.05	72.47 7.03 -1.10	58.08 5.31 -2.49
JAMAICA__27_KV_LOAD 355505	64.41 3.69 0.00	84.90 4.06 0.00	72.72 3.22 0.00	76.31 3.49 0.00	81.86 3.89 0.00	59.37 3.14 -3.33	97.52 5.45 -0.79	85.29 3.90 -16.75	62.43 3.41 -6.03	55.56 3.67 0.00	186.32 9.02 -57.73	152.15 11.60 0.00	150.15 10.87 -5.30	127.11 9.28 -0.05	98.01 6.72 -11.23	92.85 4.67 -33.16	94.46 7.15 -0.51	114.53 4.63 -54.82	97.16 6.04 -19.93	88.76 4.28 -32.71	112.90 7.75 0.00	107.88 7.28 0.00	70.23 4.80 -1.09	56.38 3.60 -2.49
JANIS__SOLAR 323808	73.43 0.97 -11.74	100.48 1.00 -18.63	74.70 0.52 -4.67	93.97 0.68 -20.47	84.79 0.85 -5.97	57.38 0.79 -3.69	103.86 1.37 -11.21	76.92 1.36 -10.92	57.64 1.33 -3.32	54.67 1.50 -1.27	172.35 3.21 -49.57	149.70 4.89 -4.26	144.65 5.46 -5.21	122.44 4.51 -0.16	87.37 3.60 -3.72	68.33 2.84 -10.47	91.99 5.05 -0.14	74.09 3.76 -15.25	81.54 4.80 -5.54	64.14 3.28 -9.10	111.62 6.30 -0.17	106.24 5.65 0.00	67.54 2.90 -0.30	53.21 2.24 -0.69
JARVIS____ 23743	61.07 0.35 0.00	81.17 0.33 0.00	69.73 0.23 0.00	73.16 0.34 0.00	78.36 0.39 0.00	53.22 0.33 0.00	91.80 0.52 0.00	64.92 0.28 0.00	53.20 0.22 0.00	52.21 0.32 0.00	120.38 0.81 0.00	141.65 1.11 0.00	135.15 1.16 0.00	118.84 1.06 0.00	80.81 0.75 0.00	55.57 0.56 0.00	87.75 0.95 0.00	55.72 0.64 0.00	72.04 0.85 0.00	52.30 0.53 0.00	106.01 0.85 0.00	101.45 0.85 0.00	64.91 0.57 0.00	50.72 0.44 0.00
JENNISON__1 23625	63.45 0.22 -2.50	84.61 -0.08 -3.85	70.23 -0.42 -1.14	77.60 -0.22 -5.00	79.29 -0.14 -1.46	54.93 0.17 -1.87	94.63 0.36 -3.00	78.22 0.53 -13.05	58.22 0.71 -4.52	52.87 0.98 0.00	169.66 2.68 -47.41	144.66 4.12 0.00	142.80 5.63 -3.19	122.32 4.52 -0.02	88.47 3.87 -4.55	72.21 2.78 -14.41	91.67 4.69 -0.18	78.12 3.60 -19.44	83.15 4.89 -7.07	66.78 3.41 -11.60	111.67 6.52 0.00	106.60 6.01 0.00	67.76 3.04 -0.39	53.29 2.13 -0.88
JENNISON__2 23626	63.45 0.22 -2.50	84.61 -0.08 -3.85	70.23 -0.42 -1.14	77.60 -0.22 -5.00	79.29 -0.14 -1.46	54.93 0.17 -1.87	94.63 0.36 -3.00	78.22 0.53 -13.05	58.22 0.71 -4.52	52.87 0.98 0.00	169.66 2.68 -47.41	144.66 4.12 0.00	142.80 5.63 -3.19	122.32 4.52 -0.02	88.47 3.87 -4.55	72.21 2.78 -14.41	91.67 4.69 -0.18	78.12 3.60 -19.44	83.15 4.89 -7.07	66.78 3.41 -11.60	111.67 6.52 0.00	106.60 6.01 0.00	67.76 3.04 -0.39	53.29 2.13 -0.88
JERICHO_RISE_WT_PWR 323719	60.13 -0.60 0.00	80.42 -0.42 0.00	69.24 -0.26 0.00	72.23 -0.59 0.00	77.34 -0.64 0.00	51.54 -1.35 0.00	88.78 -2.50 0.00	62.86 -1.78 0.00	51.54 -1.45 0.00	50.33 -1.57 0.00	116.77 -2.80 0.00	136.60 -3.94 0.00	129.35 -4.63 0.00	113.82 -3.96 0.00	77.27 -2.78 0.00	53.03 -1.99 0.00	83.46 -3.34 0.00	52.98 -2.10 0.00	68.73 -2.46 0.00	50.32 -1.45 0.00	102.84 -2.32 0.00	98.33 -2.26 0.00	63.12 -1.22 0.00	49.14 -1.14 0.00
KATONAH__115KV_46KV_TB4 355592	64.88 4.15 0.00	85.66 4.81 0.00	73.35 3.85 0.00	77.03 4.21 0.00	82.58 4.61 0.00	59.83 3.57 -3.37	98.31 6.22 -0.81	86.21 4.48 -17.10	62.97 3.84 -6.15	56.03 4.14 0.00	188.48 9.99 -58.91	153.12 12.57 0.00	151.02 11.65 -5.38	127.82 9.99 -0.05	98.54 7.10 -11.38	93.54 4.91 -33.61	95.12 7.80 -0.52	115.62 5.05 -55.50	97.90 6.54 -20.17	89.48 4.61 -33.11	113.72 8.57 0.00	108.66 8.06 0.00	70.51 5.07 -1.11	56.65 3.84 -2.52
KCE_NY_1 323755	64.12 3.39 0.00	85.18 4.34 0.00	72.85 3.34 0.00	76.62 3.80 0.00	81.98 4.01 0.00	60.10 2.88 -4.32	103.96 5.12 -7.57	228.69 3.99 -160.07	113.74 3.12 -57.64	55.13 3.23 0.00	679.27 7.41 -552.29	149.43 8.89 0.00	174.00 9.38 -30.63	126.19 8.35 -0.06	109.60 6.03 -23.52	146.42 4.19 -87.21	94.14 6.70 -0.64	128.40 4.36 -68.97	101.75 5.48 -25.07	96.76 3.85 -41.14	112.63 7.47 0.00	107.80 7.21 0.00	70.16 4.44 -1.38	56.86 3.45 -3.14
KCE_NY_6_ESR 323823	50.91 -5.18 4.64	63.99 -7.10 9.75	61.25 -6.51 1.74	58.62 -6.59 7.61	68.50 -7.26 2.22	47.70 -4.74 0.46	75.79 -8.93 6.56	54.17 -5.89 4.58	45.80 -4.85 2.33	41.80 -4.41 5.68	85.00 -11.37 23.20	109.30 -12.11 19.13	109.19 -11.52 13.28	106.99 -10.16 0.63	73.96 -6.55 -0.45	56.61 -3.96 -5.55	81.53 -5.36 -0.09	61.68 -2.72 -9.32	70.73 -3.86 -3.39	53.56 -3.77 -5.56	96.09 -8.29 0.77	92.68 -7.92 0.00	60.04 -4.48 -0.19	47.97 -2.73 -0.42
KEDC_PORT_JEFF_GT2 24210	72.78 6.13 -5.92	88.19 7.33 -0.02	75.26 5.76 0.00	78.80 5.98 0.00	84.45 6.48 0.00	61.13 4.91 -3.33	150.54 8.48 -50.79	189.06 6.22 -118.20	63.91 4.90 -6.03	60.02 5.17 -2.95	211.48 12.43 -79.47	177.96 15.66 -21.75	158.73 14.96 -9.78	142.80 13.23 -11.79	113.73 9.27 -24.40	114.53 6.37 -53.14	111.27 10.11 -14.36	123.41 6.28 -62.05	108.26 8.00 -29.07	102.37 5.79 -44.82	125.09 11.01 -8.93	122.46 10.63 -11.24	72.11 6.68 -1.10	57.83 5.05 -2.49
KEDC_PORT_JEFF_GT3 24211	72.78 6.13 -5.92	88.19 7.33 -0.02	75.26 5.76 0.00	78.80 5.98 0.00	84.45 6.48 0.00	61.13 4.91 -3.33	150.54 8.48 -50.79	189.06 6.22 -118.20	63.91 4.90 -6.03	60.02 5.17 -2.95	211.48 12.43 -79.47	177.96 15.66 -21.75	158.73 14.96 -9.78	142.80 13.23 -11.79	113.73 9.27 -24.40	114.53 6.37 -53.14	111.27 10.11 -14.36	123.41 6.28 -62.05	108.26 8.00 -29.07	102.37 5.79 -44.82	125.09 11.01 -8.93	122.46 10.63 -11.24	72.11 6.68 -1.10	57.83 5.05 -2.49
KEDC_GLWD_GT4 24219	68.54 4.60 -3.21	86.20 5.35 0.00	73.73 4.23 0.00	77.36 4.54 0.00	82.95 4.97 0.00	60.06 3.83 -3.33	148.72 6.65 -50.79	187.75 4.92 -118.20	63.12 4.11 -6.03	60.96 4.33 -4.74	226.25 11.07 -95.62	198.70 14.03 -44.13	175.99 13.10 -28.91	176.82 11.34 -47.71	152.77 8.01 -64.70	185.73 5.53 -125.18	154.43 8.76 -58.87	157.48 5.64 -96.77	144.38 7.31 -65.88	138.80 5.19 -81.85	160.98 9.67 -46.15	155.31 9.08 -45.64	71.02 5.58 -1.10	57.00 4.22 -2.50
KEDC_GLWD_GT5 24220	68.54 4.60 -3.21	86.20 5.35 0.00	73.73 4.23 0.00	77.36 4.54 0.00	82.95 4.97 0.00	60.06 3.83 -3.33	148.72 6.65 -50.79	187.75 4.92 -118.20	63.12 4.11 -6.03	60.96 4.33 -4.74	226.25 11.07 -95.62	198.70 14.03 -44.13	175.99 13.10 -28.91	176.82 11.34 -47.71	152.77 8.01 -64.70	185.73 5.53 -125.18	154.43 8.76 -58.87	157.48 5.64 -96.77	144.38 7.31 -65.88	138.80 5.19 -81.85	160.98 9.67 -46.15	155.31 9.08 -45.64	71.02 5.58 -1.10	57.00 4.22 -2.50

KENSICO____ 23655	64.49 3.76 0.00	85.12 4.28 0.00	72.88 3.38 0.00	76.52 3.70 0.00	82.03 4.05 0.00	59.41 3.19 -3.32	97.60 5.54 -0.79	85.33 3.97 -16.72	62.42 3.42 -6.02	55.62 3.73 0.00	186.27 9.07 -57.63	152.08 11.53 0.00	149.95 10.68 -5.29	127.00 9.17 -0.05	97.82 6.55 -11.21	92.65 4.53 -33.10	94.48 7.17 -0.51	114.41 4.62 -54.71	97.06 5.98 -19.89	88.65 4.24 -32.64	112.96 7.81 0.00	107.96 7.36 0.00	70.06 4.63 -1.09	56.31 3.54 -2.49
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	64.88 4.15 0.00	85.68 4.84 0.00	73.37 3.87 0.00	77.06 4.24 0.00	82.65 4.68 0.00	59.67 3.58 -3.20	98.56 6.33 -0.96	89.40 4.57 -20.19	64.15 3.90 -7.27	56.00 4.10 0.00	199.18 9.97 -69.64	153.19 12.64 0.00	151.41 11.63 -5.79	127.77 9.94 -0.05	98.17 7.07 -11.04	93.16 5.01 -33.13	95.32 8.03 -0.49	112.78 5.21 -52.50	96.99 6.71 -19.08	87.77 4.68 -31.32	113.89 8.73 0.00	108.78 8.19 0.00	70.46 5.07 -1.05	56.47 3.80 -2.39
KIAC_JFK_GT1 23816	63.79 3.06 0.00	84.09 3.25 0.00	72.13 2.63 0.00	75.72 2.90 0.00	81.19 3.22 0.00	58.84 2.62 -3.33	96.61 4.54 -0.79	84.62 3.23 -16.75	61.89 2.88 -6.03	55.03 3.14 0.00	185.49 8.19 -57.73	151.22 10.67 0.00	149.26 9.98 -5.30	126.32 8.49 -0.05	97.49 6.20 -11.23	92.47 4.29 -33.16	93.87 6.56 -0.51	114.14 4.24 -54.82	96.67 5.55 -19.93	88.40 3.93 -32.71	112.20 7.04 0.00	107.19 6.60 0.00	69.81 4.38 -1.09	56.05 3.28 -2.49
KIAC_JFK_GT2 23817	63.79 3.06 0.00	84.09 3.25 0.00	72.13 2.63 0.00	75.72 2.90 0.00	81.19 3.22 0.00	58.84 2.62 -3.33	96.61 4.54 -0.79	84.62 3.23 -16.75	61.89 2.88 -6.03	55.03 3.14 0.00	185.49 8.19 -57.73	151.22 10.67 0.00	149.26 9.98 -5.30	126.32 8.49 -0.05	97.49 6.20 -11.23	92.47 4.29 -33.16	93.87 6.56 -0.51	114.14 4.24 -54.82	96.67 5.55 -19.93	88.40 3.93 -32.71	112.20 7.04 0.00	107.19 6.60 0.00	69.81 4.38 -1.09	56.05 3.28 -2.49
KIAC_JFK____ 323774	63.79 3.06 0.00	84.09 3.25 0.00	72.13 2.63 0.00	75.71 2.89 0.00	81.19 3.22 0.00	58.84 2.62 -3.33	96.60 4.54 -0.79	84.62 3.23 -16.75	61.88 2.87 -6.03	55.04 3.15 0.00	185.47 8.17 -57.73	151.22 10.67 0.00	149.26 9.98 -5.30	126.32 8.49 -0.05	97.49 6.20 -11.23	92.47 4.29 -33.16	93.88 6.57 -0.51	114.14 4.24 -54.82	96.67 5.55 -19.93	88.40 3.93 -32.71	112.20 7.04 0.00	107.19 6.60 0.00	69.81 4.38 -1.09	56.06 3.28 -2.49
KINTIGH____ 23543	52.95 -4.55 3.23	68.30 -6.30 6.24	62.53 -5.76 1.21	61.66 -5.86 5.30	70.04 -6.39 1.55	48.47 -4.18 0.24	79.17 -8.11 4.00	56.73 -5.49 2.41	47.29 -4.56 1.13	44.84 -4.30 2.75	95.82 -10.88 12.86	119.64 -11.62 9.28	116.58 -11.19 6.21	107.72 -9.75 0.30	74.61 -6.32 -0.87	55.70 -3.88 -4.56	81.45 -5.42 -0.07	59.91 -2.89 -7.72	70.00 -3.99 -2.80	52.64 -3.73 -4.60	96.42 -8.35 0.37	92.73 -7.86 0.00	59.99 -4.49 -0.15	47.83 -2.80 -0.35
KNTFSRNC_46_KV_46KV_LOAD 80397	61.31 0.58 0.00	81.93 1.09 0.00	70.42 0.92 0.00	73.47 0.65 0.00	78.77 0.80 0.00	52.46 -0.44 0.00	90.18 -1.10 0.00	63.87 -0.77 0.00	52.40 -0.58 0.00	51.21 -0.68 0.00	118.62 -0.95 0.00	139.11 -1.43 0.00	131.72 -2.27 0.00	115.88 -1.90 0.00	78.74 -1.32 0.00	54.04 -0.98 0.00	85.22 -1.58 0.00	54.14 -0.93 0.00	70.13 -1.06 0.00	51.27 -0.49 0.00	104.54 -0.61 0.00	99.91 -0.68 0.00	64.14 -0.20 0.00	50.08 -0.20 0.00
LACHUTE__HYDRO 323717	64.99 4.27 0.00	86.00 5.16 0.00	73.63 4.13 0.00	77.57 4.75 0.00	83.21 5.24 0.00	60.83 3.61 -4.33	105.86 6.94 -7.65	232.72 6.23 -161.85	116.54 5.27 -58.28	56.84 4.94 0.00	688.37 10.35 -558.45	152.56 12.02 0.00	178.19 13.26 -30.95	130.91 13.07 -0.06	113.55 9.83 -23.66	149.49 6.62 -87.85	98.57 11.12 -0.64	131.57 7.41 -69.08	105.22 8.92 -25.11	99.12 6.14 -41.22	116.93 11.78 0.00	111.83 11.24 0.00	72.79 7.08 -1.38	59.12 5.70 -3.14
LAWRNCV_115KV_TB1 80681	60.27 -0.45 0.00	80.79 -0.06 0.00	69.76 0.26 0.00	72.66 -0.16 0.00	77.52 -0.45 0.00	51.80 -1.09 0.00	88.75 -2.53 0.00	63.38 -1.26 0.00	51.84 -1.15 0.00	50.15 -1.75 0.00	117.38 -2.19 0.00	135.57 -4.98 0.00	129.05 -4.94 0.00	114.25 -3.53 0.00	77.39 -2.67 0.00	52.23 -2.78 0.00	82.78 -4.02 0.00	52.18 -2.89 0.00	67.77 -3.43 0.00	49.59 -2.18 0.00	101.54 -3.61 0.00	98.35 -2.24 0.00	63.40 -0.94 0.00	49.56 -0.72 0.00
LEDERLE____ 23769	64.31 3.59 0.00	84.84 4.00 0.00	72.63 3.13 0.00	76.25 3.43 0.00	81.74 3.76 0.00	59.07 2.99 -3.19	97.28 5.25 -0.75	84.39 3.82 -15.93	62.03 3.31 -5.73	55.46 3.57 0.00	183.23 8.76 -54.89	151.68 11.13 0.00	149.28 10.24 -5.06	126.52 8.69 -0.05	97.00 6.18 -10.76	91.11 4.34 -31.75	94.19 6.90 -0.49	112.11 4.48 -52.56	96.06 5.76 -19.11	87.22 4.10 -31.36	112.66 7.51 0.00	107.65 7.05 0.00	69.78 4.40 -1.05	55.98 3.31 -2.39
LIGHTHSE_115KV_TB6 355974	59.00 -1.73 0.00	78.38 -2.46 0.00	67.19 -2.31 0.00	70.51 -2.32 0.00	75.43 -2.55 0.00	51.44 -1.68 -0.23	88.12 -3.15 0.00	62.59 -2.04 0.00	51.41 -1.57 0.00	50.43 -1.46 0.00	116.15 -3.42 0.00	136.86 -3.68 0.00	130.57 -3.42 0.00	114.92 -2.87 0.00	78.95 -1.68 -0.58	55.61 -0.87 -1.46	86.10 -0.73 -0.04	58.74 -0.13 -3.79	72.33 -0.24 -1.38	53.66 -0.36 -2.26	104.02 -1.13 0.00	99.59 -1.00 0.00	63.40 -1.02 -0.07	49.61 -0.85 -0.17
LINDEN COGEN____ 23786	64.12 3.40 0.00	84.54 3.70 0.00	72.39 2.89 0.00	75.94 3.12 0.00	81.41 3.44 0.00	59.09 2.87 -3.33	97.07 5.00 -0.79	84.94 3.56 -16.75	62.16 3.15 -6.03	55.35 3.45 0.00	183.74 8.39 -55.77	151.05 10.76 0.25	147.09 10.03 -3.07	124.60 8.70 1.88	97.54 6.25 -11.23	92.52 4.34 -33.16	94.12 6.80 -0.51	114.28 4.38 -54.82	96.81 5.69 -19.93	88.50 4.02 -32.71	112.40 7.25 0.00	107.41 6.81 0.00	69.78 4.35 -1.09	56.05 3.28 -2.49
LINDHRST_69_KV_BK1 356055	72.17 6.00 -5.45	87.83 6.97 -0.02	74.92 5.42 0.00	78.55 5.73 0.00	84.25 6.28 0.00	60.97 4.75 -3.33	150.27 8.20 -50.79	188.96 6.13 -118.20	63.97 4.95 -6.03	60.71 5.25 -3.56	217.48 12.92 -84.99	186.40 16.44 -29.41	165.65 15.35 -16.32	155.47 13.62 -24.07	127.77 9.53 -38.18	139.39 6.59 -77.77	126.83 10.45 -29.58	135.71 6.71 -73.92	121.49 8.64 -41.65	115.42 6.17 -57.48	138.46 11.65 -21.66	134.62 11.02 -23.00	72.27 6.83 -1.10	57.87 5.10 -2.49
LIPA_MISC_IPP 23656	73.13 6.46 -5.93	88.32 7.46 -0.02	75.26 5.76 0.00	78.74 5.93 0.00	84.35 6.37 0.00	61.06 4.84 -3.33	150.46 8.39 -50.79	189.03 6.20 -118.20	63.91 4.90 -6.03	59.92 5.09 -2.93	210.93 12.06 -79.30	177.54 15.48 -21.51	158.33 14.76 -9.57	142.17 12.99 -11.40	113.16 9.14 -23.97	113.69 6.30 -52.37	110.84 10.15 -13.88	123.16 6.41 -61.68	108.08 8.21 -28.67	102.04 5.86 -44.42	124.67 10.99 -8.53	121.92 10.45 -10.87	72.01 6.58 -1.10	57.83 5.05 -2.49
LISF__SOLAR 323691	73.04 6.38 -5.93	88.43 7.58 -0.02	75.40 5.90 0.00	78.89 6.08 0.00	84.52 6.55 0.00	61.17 4.95 -3.33	150.65 8.58 -50.79	189.19 6.35 -118.20	64.02 5.01 -6.03	60.04 5.21 -2.94	211.20 12.26 -79.37	177.88 15.72 -21.60	158.72 15.08 -9.65	142.56 13.23 -11.55	113.50 9.31 -24.14	114.12 6.44 -52.67	111.23 10.37 -14.07	123.45 6.54 -61.82	108.40 8.38 -28.82	102.30 5.97 -44.57	125.07 11.23 -8.68	122.26 10.66 -11.01	72.14 6.71 -1.10	57.92 5.15 -2.49

LITTLE FALLS___HYD 24013	62.70 1.97 0.00	83.06 2.22 0.00	71.08 1.57 0.00	74.89 2.07 0.00	80.34 2.37 0.00	54.60 1.70 0.00	94.05 2.78 0.00	66.50 1.86 0.00	54.60 1.62 0.00	53.82 1.92 0.00	124.07 4.50 0.00	147.04 6.49 0.00	140.56 6.58 0.00	123.24 5.46 0.00	84.21 4.16 0.00	57.98 2.96 0.00	91.81 5.01 0.00	58.44 3.36 0.00	75.46 4.27 0.00	54.75 2.98 0.00	110.66 5.51 0.00	105.45 4.86 0.00	67.23 2.89 0.00	52.52 2.23 0.00
LITTLRIV_115KV_TB1 356100	61.06 0.33 0.00	81.90 1.06 0.00	70.69 1.19 0.00	73.59 0.77 0.00	78.54 0.57 0.00	52.44 -0.46 0.00	89.86 -1.42 0.00	64.17 -0.46 0.00	52.49 -0.49 0.00	50.68 -1.21 0.00	118.35 -1.22 0.00	136.60 -3.95 0.00	130.12 -3.87 0.00	115.19 -2.59 0.00	78.05 -2.01 0.00	52.74 -2.28 0.00	83.66 -3.14 0.00	52.80 -2.27 0.00	68.52 -2.67 0.00	50.15 -1.62 0.00	102.71 -2.45 0.00	99.43 -1.16 0.00	64.15 -0.19 0.00	50.10 -0.19 0.00
LI_NEWBRDGE___DRP 323616	71.73 4.82 -6.19	86.32 5.46 -0.02	73.72 4.22 0.00	77.31 4.49 0.00	82.89 4.92 0.00	60.03 3.81 -3.33	148.61 6.54 -50.79	187.83 4.99 -118.20	63.07 4.06 -6.03	58.81 4.38 -2.54	206.27 10.96 -75.74	171.03 13.91 -16.57	152.21 12.87 -5.35	132.53 11.27 -3.48	103.07 7.94 -15.08	96.98 5.49 -36.47	99.53 8.67 -4.06	114.66 5.57 -54.02	98.95 7.21 -20.55	93.14 5.13 -36.25	115.05 9.58 -0.32	112.88 9.01 -3.28	71.00 5.58 -1.09	56.95 4.18 -2.49
LOCKPORT_115KV_TB60_63_64 80432	51.70 -5.20 3.82	66.08 -7.05 7.72	61.54 -6.53 1.43	59.94 -6.61 6.27	68.84 -7.31 1.83	47.73 -4.84 0.33	76.95 -9.24 5.08	54.93 -6.37 3.33	46.00 -5.34 1.64	43.08 -4.81 4.00	90.03 -12.28 17.26	113.90 -13.16 13.48	111.84 -12.92 9.23	105.48 -11.86 0.44	73.08 -7.67 -0.69	55.16 -4.83 -4.98	80.20 -6.68 -0.08	59.85 -3.61 -8.39	69.33 -4.90 -3.05	52.15 -4.61 -5.00	94.72 -9.90 0.54	90.93 -9.67 0.00	58.85 -5.66 -0.17	46.98 -3.68 -0.38
LOCKPORT___CC1 323769	51.52 -5.32 3.89	65.65 -7.23 7.96	61.35 -6.70 1.46	59.69 -6.75 6.38	68.66 -7.46 1.86	47.60 -4.95 0.34	76.60 -9.39 5.28	54.68 -6.41 3.55	45.83 -5.39 1.77	42.68 -4.90 4.32	88.98 -12.36 18.22	112.74 -13.27 14.54	110.95 -13.04 10.00	105.37 -11.93 0.48	72.95 -7.73 -0.62	55.19 -4.84 -5.02	80.13 -6.75 -0.08	59.89 -3.64 -8.45	69.31 -4.95 -3.07	52.19 -4.61 -5.04	94.57 -10.00 0.58	90.77 -9.82 0.00	58.69 -5.82 -0.17	46.83 -3.83 -0.38
LOCKPORT___CC2 323770	51.52 -5.32 3.89	65.65 -7.23 7.96	61.35 -6.70 1.46	59.69 -6.75 6.38	68.66 -7.46 1.86	47.60 -4.95 0.34	76.60 -9.39 5.28	54.68 -6.41 3.55	45.83 -5.39 1.77	42.68 -4.90 4.32	88.98 -12.36 18.22	112.74 -13.27 14.54	110.95 -13.04 10.00	105.37 -11.93 0.48	72.95 -7.73 -0.62	55.19 -4.84 -5.02	80.13 -6.75 -0.08	59.89 -3.64 -8.45	69.31 -4.95 -3.07	52.19 -4.61 -5.04	94.57 -10.00 0.58	90.77 -9.82 0.00	58.69 -5.82 -0.17	46.83 -3.83 -0.38
LOCKPORT___CC3 323771	51.52 -5.32 3.89	65.65 -7.23 7.96	61.35 -6.70 1.46	59.69 -6.75 6.38	68.66 -7.46 1.86	47.60 -4.95 0.34	76.60 -9.39 5.28	54.68 -6.41 3.55	45.83 -5.39 1.77	42.68 -4.90 4.32	88.98 -12.36 18.22	112.74 -13.27 14.54	110.95 -13.04 10.00	105.37 -11.93 0.48	72.95 -7.73 -0.62	55.19 -4.84 -5.02	80.13 -6.75 -0.08	59.89 -3.64 -8.45	69.31 -4.95 -3.07	52.19 -4.61 -5.04	94.57 -10.00 0.58	90.77 -9.82 0.00	58.69 -5.82 -0.17	46.83 -3.83 -0.38
LONG_LAKE_PHOENIX 24014	59.07 -1.66 0.00	78.46 -2.38 0.00	67.27 -2.24 0.00	70.55 -2.27 0.00	75.57 -2.40 0.00	51.59 -1.56 -0.25	88.30 -2.97 0.00	62.64 -2.00 0.00	51.41 -1.57 0.00	50.46 -1.43 0.00	116.12 -3.45 0.00	136.85 -3.70 0.00	130.58 -3.40 0.00	114.92 -2.86 0.00	78.80 -1.90 -0.64	55.51 -1.12 -1.60	85.24 -1.60 -0.04	58.43 -0.82 -4.17	71.56 -1.14 -1.52	53.23 -1.02 -2.49	102.70 -2.45 0.00	98.18 -2.41 0.00	62.81 -1.61 -0.08	49.33 -1.14 -0.19
LOVETT___3 23632	63.96 3.23 0.00	84.40 3.56 0.00	72.25 2.75 0.00	75.87 3.05 0.00	81.32 3.35 0.00	58.80 2.70 -3.20	96.76 4.73 -0.76	84.07 3.44 -15.99	61.74 3.00 -5.76	55.16 3.26 0.00	182.80 8.11 -55.11	150.93 10.39 0.00	148.61 9.54 -5.08	125.93 8.10 -0.05	96.64 5.79 -10.80	90.94 4.05 -31.87	93.72 6.43 -0.49	111.98 4.17 -52.74	95.72 5.36 -19.17	87.03 3.80 -31.47	112.08 6.93 0.00	107.12 6.53 0.00	69.46 4.07 -1.05	55.74 3.06 -2.40
LOVETT___4 23642	63.96 3.23 0.00	84.40 3.56 0.00	72.25 2.75 0.00	75.87 3.05 0.00	81.32 3.35 0.00	58.80 2.70 -3.20	96.76 4.73 -0.76	84.07 3.44 -15.99	61.74 3.00 -5.76	55.16 3.26 0.00	182.80 8.11 -55.11	150.93 10.39 0.00	148.61 9.54 -5.08	125.93 8.10 -0.05	96.64 5.79 -10.80	90.94 4.05 -31.87	93.72 6.43 -0.49	111.98 4.17 -52.74	95.72 5.36 -19.17	87.03 3.80 -31.47	112.08 6.93 0.00	107.12 6.53 0.00	69.46 4.07 -1.05	55.74 3.06 -2.40
LOVETT___5 23593	63.96 3.23 0.00	84.40 3.56 0.00	72.25 2.75 0.00	75.87 3.05 0.00	81.32 3.35 0.00	58.80 2.70 -3.20	96.76 4.73 -0.76	84.07 3.44 -15.99	61.74 3.00 -5.76	55.16 3.26 0.00	182.80 8.11 -55.11	150.93 10.39 0.00	148.61 9.54 -5.08	125.93 8.10 -0.05	96.64 5.79 -10.80	90.94 4.05 -31.87	93.72 6.43 -0.49	111.98 4.17 -52.74	95.72 5.36 -19.17	87.03 3.80 -31.47	112.08 6.93 0.00	107.12 6.53 0.00	69.46 4.07 -1.05	55.74 3.06 -2.40
LOWER RAQUET___HYD 24057	60.19 -0.54 0.00	80.68 -0.16 0.00	69.66 0.16 0.00	72.54 -0.28 0.00	77.34 -0.63 0.00	51.61 -1.29 0.00	88.19 -3.08 0.00	62.99 -1.65 0.00	51.53 -1.46 0.00	49.86 -2.04 0.00	116.86 -2.71 0.00	134.99 -5.56 0.00	128.45 -5.54 0.00	113.71 -4.06 0.00	77.05 -3.00 0.00	51.96 -3.05 0.00	82.40 -4.40 0.00	51.97 -3.11 0.00	67.50 -3.69 0.00	49.38 -2.38 0.00	101.15 -4.01 0.00	98.12 -2.47 0.00	63.33 -1.01 0.00	49.51 -0.78 0.00
LOWER___HUDSON 24059	63.88 3.15 0.00	84.74 3.90 0.00	72.62 3.12 0.00	76.38 3.56 0.00	81.70 3.73 0.00	59.83 2.70 -4.24	102.48 4.66 -6.55	206.86 3.65 -138.57	105.80 2.92 -49.90	54.92 3.02 0.00	604.93 7.19 -478.16	149.00 8.46 0.00	168.99 8.11 -26.90	125.03 7.18 -0.06	106.95 5.04 -21.86	137.99 3.33 -79.64	92.65 5.22 -0.63	126.19 3.38 -67.74	100.10 4.28 -24.62	95.26 3.08 -40.41	111.13 5.97 0.00	106.33 5.74 0.00	69.32 3.64 -1.35	56.24 2.88 -3.08
LOWVILLE_115KV_TB2 356335	59.47 -1.26 0.00	79.18 -1.66 0.00	67.93 -1.57 0.00	71.29 -1.53 0.00	76.11 -1.86 0.00	51.55 -1.45 -0.12	88.56 -2.72 0.00	63.03 -1.61 0.00	51.83 -1.15 0.00	50.85 -1.04 0.00	117.79 -1.78 0.00	138.18 -2.36 0.00	131.71 -2.28 0.00	116.31 -1.47 0.00	79.75 -0.60 -0.29	55.56 -0.19 -0.73	88.09 1.28 -0.02	58.23 1.24 -1.91	73.60 1.72 -0.70	53.95 1.05 -1.14	107.13 1.98 0.00	102.93 2.34 0.00	65.16 0.78 -0.04	50.59 0.22 -0.09
LUTHERFT_115KV_GLOB_FND_222 355753	64.06 3.33 0.00	85.04 4.20 0.00	72.84 3.33 0.00	76.59 3.77 0.00	81.98 4.01 0.00	60.10 2.89 -4.32	103.90 5.06 -7.57	228.62 3.92 -160.07	113.73 3.11 -57.64	55.09 3.19 0.00	679.25 7.40 -552.29	149.42 8.88 0.00	173.90 9.28 -30.63	126.12 8.28 -0.06	109.52 5.95 -23.52	146.36 4.13 -87.21	94.06 6.61 -0.64	128.35 4.31 -68.97	101.68 5.42 -25.07	96.72 3.81 -41.14	112.52 7.37 0.00	107.63 7.03 0.00	70.09 4.39 -1.38	56.83 3.42 -3.14

LUTHERNY_35_KV_BK2 355980	64.12 3.39 0.00	85.19 4.34 0.00	72.85 3.35 0.00	76.62 3.80 0.00	81.98 4.01 0.00	60.10 2.89 -4.32	103.97 5.13 -7.57	228.69 3.99 -160.07	113.75 3.12 -57.64	55.13 3.23 0.00	679.26 7.41 -552.29	149.44 8.90 0.00	173.99 9.37 -30.63	126.19 8.35 -0.06	109.60 6.03 -23.52	146.42 4.19 -87.21	94.14 6.70 -0.64	128.40 4.36 -68.97	101.75 5.48 -25.07	96.76 3.85 -41.14	112.63 7.47 0.00	107.80 7.21 0.00	70.15 4.44 -1.38	56.86 3.45 -3.14
LWR___OSWEGATCHIE_HYD 23850	59.59 -1.14 0.00	79.62 -1.22 0.00	68.52 -0.98 0.00	71.61 -1.21 0.00	76.41 -1.56 0.00	51.34 -1.64 -0.09	87.79 -3.48 0.00	62.58 -2.06 0.00	51.33 -1.66 0.00	49.99 -1.90 0.00	116.61 -2.96 0.00	135.95 -4.59 0.00	129.44 -4.54 0.00	114.22 -3.56 0.00	77.98 -2.29 -0.22	53.61 -1.95 -0.54	84.78 -2.04 -0.01	55.29 -1.20 -1.41	70.33 -1.37 -0.51	51.65 -0.96 -0.84	103.48 -1.68 0.00	99.88 -0.71 0.00	63.90 -0.46 -0.03	49.80 -0.54 -0.06
LYONS_FALL_HYD 23570	60.56 -0.16 0.00	80.61 -0.23 0.00	69.16 -0.34 0.00	72.56 -0.26 0.00	77.60 -0.38 0.00	52.69 -0.31 -0.11	90.62 -0.65 0.00	64.40 -0.23 0.00	52.93 -0.06 0.00	51.95 0.05 0.00	120.06 0.49 0.00	141.07 0.53 0.00	134.51 0.52 0.00	118.61 0.83 0.00	81.14 0.80 -0.28	56.47 0.76 -0.70	89.04 2.22 -0.02	58.57 1.68 -1.82	74.04 2.19 -0.66	54.25 1.40 -1.08	107.80 2.65 0.00	103.37 2.78 0.00	65.63 1.26 -0.04	51.07 0.71 -0.08
MADISON___COUNTY_LFGE 323628	61.92 1.20 0.00	82.43 1.59 0.00	70.73 1.23 0.00	74.19 1.37 0.00	79.54 1.57 0.00	54.30 1.20 -0.20	93.31 2.03 0.00	66.24 1.60 0.00	54.38 1.40 0.00	53.39 1.50 0.00	123.01 3.44 0.00	144.92 4.38 0.00	138.37 4.38 0.00	121.60 3.81 0.00	83.32 2.76 -0.50	58.42 2.14 -1.27	90.51 3.68 -0.03	60.65 2.28 -3.29	75.22 2.83 -1.19	55.57 1.84 -1.96	108.61 3.45 0.00	103.77 3.18 0.00	66.22 1.81 -0.06	51.79 1.36 -0.15
MALONE___115KV_TB1 356076	61.11 0.38 0.00	81.74 0.89 0.00	70.37 0.87 0.00	73.43 0.61 0.00	78.51 0.54 0.00	52.37 -0.53 0.00	90.08 -1.19 0.00	63.96 -0.68 0.00	52.50 -0.48 0.00	51.19 -0.71 0.00	118.94 -0.63 0.00	138.78 -1.76 0.00	131.61 -2.38 0.00	115.98 -1.80 0.00	78.71 -1.35 0.00	53.78 -1.24 0.00	84.86 -1.94 0.00	53.91 -1.17 0.00	69.96 -1.24 0.00	51.15 -0.62 0.00	104.37 -0.78 0.00	100.07 -0.52 0.00	64.32 -0.02 0.00	50.09 -0.19 0.00
MAPLEWOD_115KV_TB3 80458	63.75 3.02 0.00	84.56 3.72 0.00	72.51 3.01 0.00	76.25 3.43 0.00	81.61 3.63 0.00	59.72 2.61 -4.22	101.17 4.43 -5.46	183.75 3.52 -115.59	97.45 2.85 -41.63	54.88 2.98 0.00	525.61 7.18 -398.87	149.08 8.54 0.00	164.84 7.94 -22.92	124.93 7.09 -0.06	105.09 4.79 -20.24	130.01 3.03 -71.96	92.02 4.59 -0.63	125.40 2.98 -67.34	99.51 3.84 -24.48	94.72 2.77 -40.18	110.65 5.50 0.00	105.90 5.31 0.00	69.04 3.36 -1.34	56.07 2.73 -3.06
MAPLE_RIDGE_WT_1 323574	58.94 -1.79 0.00	78.64 -2.20 0.00	67.69 -1.81 0.00	70.79 -2.03 0.00	75.76 -2.21 0.00	51.25 -1.64 0.00	88.52 -2.76 0.00	62.75 -1.89 0.00	51.45 -1.53 0.00	50.48 -1.42 0.00	116.59 -2.98 0.00	136.43 -4.11 0.00	130.16 -3.83 0.00	115.01 -2.77 0.00	78.07 -1.99 0.00	53.56 -1.46 0.00	84.91 -1.88 0.00	54.10 -0.98 0.00	69.92 -1.27 0.00	51.05 -0.72 0.00	104.34 -0.81 0.00	100.10 -0.49 0.00	63.95 -0.39 0.00	49.84 -0.44 0.00
MAPLE_RIDGE_WT_2 323611	58.94 -1.79 0.00	78.64 -2.20 0.00	67.69 -1.81 0.00	70.79 -2.03 0.00	75.76 -2.21 0.00	51.25 -1.64 0.00	88.52 -2.76 0.00	62.75 -1.89 0.00	51.45 -1.53 0.00	50.48 -1.42 0.00	116.59 -2.98 0.00	136.43 -4.11 0.00	130.16 -3.83 0.00	115.01 -2.77 0.00	78.07 -1.99 0.00	53.56 -1.46 0.00	84.91 -1.88 0.00	54.10 -0.98 0.00	69.92 -1.27 0.00	51.05 -0.72 0.00	104.34 -0.81 0.00	100.10 -0.49 0.00	63.95 -0.39 0.00	49.84 -0.44 0.00
MARBLE_RIVER_WT_PWR 323696	60.30 -0.42 0.00	80.61 -0.23 0.00	69.34 -0.16 0.00	72.30 -0.52 0.00	77.52 -0.46 0.00	51.62 -1.27 0.00	88.84 -2.43 0.00	62.87 -1.76 0.00	51.56 -1.43 0.00	50.35 -1.54 0.00	116.91 -2.66 0.00	136.89 -3.66 0.00	129.64 -4.35 0.00	114.04 -3.73 0.00	77.45 -2.60 0.00	53.19 -1.83 0.00	83.81 -2.99 0.00	53.17 -1.91 0.00	68.93 -2.27 0.00	50.45 -1.32 0.00	103.02 -2.14 0.00	98.53 -2.07 0.00	63.24 -1.09 0.00	49.27 -1.01 0.00
MARSHVLE_115KV_TB1 80742	63.39 2.66 0.00	84.50 3.65 0.00	72.63 3.13 0.00	76.15 3.33 0.00	81.54 3.57 0.00	60.13 2.39 -4.84	102.25 4.05 -6.92	214.09 3.02 -146.43	108.17 2.46 -52.73	54.21 2.32 0.00	630.05 5.26 -505.21	147.13 6.59 0.00	168.32 6.33 -28.01	122.61 4.76 -0.07	107.57 3.82 -23.70	143.33 3.08 -85.24	92.79 5.26 -0.72	135.95 3.47 -77.40	103.70 4.38 -28.13	100.86 2.92 -46.18	110.86 5.71 0.00	105.95 5.36 0.00	69.27 3.39 -1.54	56.23 2.43 -3.52
MARSH_HILL_WT_PWR 323713	43.17 -6.60 10.96	63.44 -8.99 8.41	57.46 -7.86 4.19	46.65 -7.79 18.38	64.02 -8.59 5.36	45.37 -5.76 1.77	80.68 -10.07 0.52	71.79 -6.52 -13.67	57.27 -4.67 -8.96	66.62 -3.59 -18.31	156.08 -9.74 -46.25	191.50 -10.71 -61.66	169.72 -10.54 -46.28	110.97 -8.88 -2.08	82.81 -4.43 -7.17	60.57 -1.65 -7.21	85.35 -1.56 -0.11	66.49 -0.18 -11.60	74.47 -0.94 -4.22	56.95 -1.74 -6.92	103.97 -3.66 -2.48	96.34 -4.25 0.00	61.30 -3.27 -0.23	48.72 -2.09 -0.53
MCINTYRE_115KV_TB2 80467	61.57 0.84 0.00	82.62 1.77 0.00	71.37 1.86 0.00	74.26 1.43 0.00	79.34 1.37 0.00	53.11 0.21 0.00	91.37 0.10 0.00	65.26 0.62 0.00	53.36 0.38 0.00	51.43 -0.46 0.00	119.66 0.09 0.00	138.05 -2.50 0.00	131.59 -2.39 0.00	116.48 -1.30 0.00	78.94 -1.12 0.00	53.45 -1.57 0.00	84.74 -2.06 0.00	53.48 -1.59 0.00	69.40 -1.79 0.00	50.80 -0.97 0.00	104.05 -1.10 0.00	100.45 -0.14 0.00	64.69 0.36 0.00	50.48 0.20 0.00
MECO_____69_KV_BK1 80468	64.62 3.89 0.00	85.94 5.10 0.00	73.78 4.28 0.00	77.45 4.63 0.00	82.95 4.97 0.00	60.99 3.44 -4.66	104.64 5.93 -7.43	226.16 4.37 -157.15	113.09 3.52 -56.59	55.28 3.38 0.00	669.46 7.69 -542.20	149.77 9.23 0.00	173.11 9.16 -29.97	125.43 7.59 -0.07	109.87 5.76 -24.06	147.36 4.40 -87.94	94.79 7.30 -0.70	134.36 4.78 -74.50	104.30 6.03 -27.08	100.36 4.15 -44.45	113.21 8.05 0.00	108.11 7.52 0.00	70.49 4.67 -1.49	57.11 3.44 -3.39
MENANDS___115KV_TB5 355628	63.55 2.83 0.00	84.31 3.47 0.00	72.31 2.81 0.00	76.04 3.22 0.00	81.39 3.41 0.00	59.56 2.45 -4.21	100.68 4.15 -5.26	179.24 3.31 -111.29	95.70 2.64 -40.08	54.70 2.80 0.00	510.42 6.80 -384.06	148.59 8.04 0.00	163.61 7.45 -22.17	124.45 6.61 -0.06	104.39 4.40 -19.93	128.25 2.73 -70.50	91.44 4.01 -0.63	124.90 2.62 -67.20	99.02 3.40 -24.43	94.34 2.48 -40.09	110.12 4.97 0.00	105.40 4.80 0.00	68.76 3.08 -1.34	55.87 2.54 -3.06
MG INDUSTRY___DRP 24185	63.28 2.55 0.00	84.01 3.17 0.00	72.11 2.61 0.00	75.83 3.01 0.00	81.18 3.21 0.00	59.30 2.28 -4.12	98.06 3.77 -3.01	130.93 2.53 -63.77	77.98 2.03 -22.96	54.08 2.19 0.00	344.57 4.95 -220.05	146.62 6.07 0.00	153.80 5.87 -13.95	123.57 5.73 -0.06	100.17 3.63 -16.49	111.81 2.40 -54.39	91.08 3.67 -0.61	123.23 2.37 -65.78	98.18 3.08 -23.91	93.23 2.22 -39.24	109.49 4.34 0.00	104.85 4.25 0.00	68.37 2.72 -1.31	55.52 2.25 -2.99

MID___OSWEGATCHIE_HYD 23849	59.59 -1.14 0.00	79.62 -1.22 0.00	68.52 -0.98 0.00	71.61 -1.21 0.00	76.41 -1.56 0.00	51.34 -1.64 -0.09	87.79 -3.48 0.00	62.58 -2.06 0.00	51.33 -1.66 0.00	49.99 -1.90 0.00	116.61 -2.96 0.00	135.95 -4.59 0.00	129.44 -4.54 0.00	114.22 -3.56 0.00	77.98 -2.29 -0.22	53.61 -1.95 -0.54	84.78 -2.04 -0.01	55.29 -1.20 -1.41	70.33 -1.37 -0.51	51.65 -0.96 -0.84	103.48 -1.68 0.00	99.88 -0.71 0.00	63.90 -0.46 -0.03	49.80 -0.54 -0.06
MID___RAQUETTE_HYD 23851	60.17 -0.55 0.00	80.68 -0.16 0.00	69.66 0.15 0.00	72.54 -0.28 0.00	77.33 -0.64 0.00	51.60 -1.30 0.00	88.19 -3.08 0.00	62.98 -1.65 0.00	51.52 -1.46 0.00	49.86 -2.03 0.00	116.85 -2.72 0.00	135.01 -5.54 0.00	128.46 -5.53 0.00	113.72 -4.06 0.00	77.05 -3.00 0.00	51.96 -3.05 0.00	82.40 -4.40 0.00	51.97 -3.11 0.00	67.50 -3.69 0.00	49.38 -2.38 0.00	101.15 -4.01 0.00	98.12 -2.47 0.00	63.32 -1.01 0.00	49.51 -0.78 0.00
MILLIKEN___1 23584	75.26 0.46 -14.07	103.56 0.45 -22.27	75.08 0.05 -5.53	97.32 0.26 -24.24	85.43 0.39 -7.06	57.30 0.43 -3.97	104.89 0.57 -13.04	73.34 0.69 -8.01	55.81 0.70 -2.13	54.16 0.87 -1.39	162.88 1.48 -41.83	147.81 2.58 -4.69	141.25 2.58 -4.69	120.02 2.08 -0.17	84.69 1.86 -2.77	63.87 1.61 -7.24	89.81 2.90 -0.11	68.61 2.09 -11.44	77.93 2.58 -4.16	60.15 1.55 -6.83	108.14 2.80 -0.19	103.09 2.49 0.00	65.90 1.34 -0.23	51.95 1.15 -0.52
MILLIKEN___2 23585	75.26 0.46 -14.07	103.56 0.45 -22.27	75.08 0.05 -5.53	97.32 0.26 -24.24	85.43 0.39 -7.06	57.30 0.43 -3.97	104.89 0.57 -13.04	73.34 0.69 -8.01	55.81 0.70 -2.13	54.16 0.87 -1.39	162.88 1.48 -41.83	147.81 2.58 -4.69	141.25 2.58 -4.69	120.02 2.08 -0.17	84.69 1.86 -2.77	63.87 1.61 -7.24	89.81 2.90 -0.11	68.61 2.09 -11.44	77.93 2.58 -4.16	60.15 1.55 -6.83	108.14 2.80 -0.19	103.09 2.49 0.00	65.90 1.34 -0.23	51.95 1.15 -0.52
MILLIKEN___DIESEL 23629	75.26 0.46 -14.07	103.56 0.45 -22.27	75.08 0.05 -5.53	97.32 0.26 -24.24	85.43 0.39 -7.06	57.30 0.43 -3.97	104.89 0.57 -13.04	73.34 0.69 -8.01	55.81 0.70 -2.13	54.16 0.87 -1.39	162.88 1.48 -41.83	147.81 2.58 -4.69	141.25 2.58 -4.69	120.02 2.08 -0.17	84.69 1.86 -2.77	63.87 1.61 -7.24	89.81 2.90 -0.11	68.61 2.09 -11.44	77.93 2.58 -4.16	60.15 1.55 -6.83	108.14 2.80 -0.19	103.09 2.49 0.00	65.90 1.34 -0.23	51.95 1.15 -0.52
MILLSEAT___LFGE 323607	53.47 -3.67 3.58	68.72 -5.09 7.03	63.30 -4.87 1.34	62.08 -4.87 5.87	70.86 -5.40 1.71	49.06 -3.53 0.30	79.88 -6.84 4.56	57.25 -4.54 2.85	47.82 -3.80 1.36	45.23 -3.34 3.32	95.87 -8.71 14.99	120.25 -9.11 11.19	117.24 -9.17 7.57	108.83 -8.58 0.37	75.42 -5.44 -0.81	56.61 -3.21 -4.80	82.73 -4.14 -0.08	61.24 -1.93 -8.09	71.38 -2.76 -2.94	53.61 -2.99 -4.83	97.98 -6.72 0.45	93.92 -6.67 0.00	60.67 -3.83 -0.16	48.29 -2.36 -0.37
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	64.37 3.64 0.00	84.96 4.12 0.00	72.76 3.26 0.00	76.39 3.57 0.00	81.89 3.91 0.00	59.29 3.08 -3.31	97.42 5.35 -0.79	85.16 3.87 -16.65	62.30 3.33 -5.99	55.51 3.61 0.00	185.78 8.82 -57.39	151.74 11.19 0.00	149.65 10.40 -5.27	126.74 8.91 -0.05	97.55 6.33 -11.16	92.37 4.39 -32.97	94.26 6.95 -0.51	114.06 4.49 -54.49	96.81 5.81 -19.81	88.39 4.11 -32.51	112.73 7.57 0.00	107.74 7.14 0.00	69.92 4.50 -1.09	56.17 3.41 -2.48
MILLWOOD_13_KV_LOAD 356217	64.46 3.73 0.00	85.07 4.23 0.00	72.86 3.36 0.00	76.48 3.66 0.00	81.98 4.01 0.00	59.35 3.15 -3.31	97.57 5.51 -0.79	85.25 3.96 -16.65	62.38 3.41 -5.99	55.59 3.69 0.00	185.97 9.01 -57.39	151.98 11.44 0.00	149.82 10.57 -5.27	126.87 9.04 -0.05	97.69 6.46 -11.16	92.47 4.49 -32.97	94.43 7.12 -0.51	114.16 4.59 -54.49	96.95 5.95 -19.81	88.47 4.20 -32.51	112.90 7.74 0.00	107.90 7.30 0.00	70.00 4.58 -1.09	56.26 3.50 -2.48
MODEL_CITY_ENERGY 24167	51.02 -5.76 3.95	65.10 -7.71 8.03	60.87 -7.15 1.48	59.12 -7.22 6.48	68.07 -8.01 1.89	47.19 -5.35 0.35	75.91 -10.06 5.30	54.14 -6.99 3.51	45.36 -5.89 1.74	42.36 -5.30 4.23	88.17 -13.29 18.11	111.94 -14.34 14.26	110.04 -14.16 9.79	104.11 -13.19 0.47	72.15 -8.57 -0.67	54.59 -5.51 -5.08	79.13 -7.75 -0.08	59.28 -4.34 -8.55	68.50 -5.79 -3.11	51.61 -5.25 -5.10	93.43 -11.15 0.57	89.72 -10.87 0.00	58.18 -6.32 -0.17	46.54 -4.13 -0.39
MODERN_LFGE___ 323580	51.02 -5.76 3.95	65.10 -7.71 8.03	60.87 -7.15 1.48	59.12 -7.22 6.48	68.07 -8.01 1.89	47.19 -5.35 0.35	75.91 -10.06 5.30	54.14 -6.99 3.51	45.36 -5.89 1.74	42.36 -5.30 4.23	88.17 -13.29 18.11	111.94 -14.34 14.26	110.04 -14.16 9.79	104.11 -13.19 0.47	72.15 -8.57 -0.67	54.59 -5.51 -5.08	79.13 -7.75 -0.08	59.28 -4.34 -8.55	68.50 -5.79 -3.11	51.61 -5.25 -5.10	93.43 -11.15 0.57	89.72 -10.87 0.00	58.18 -6.32 -0.17	46.54 -4.13 -0.39
MOHAWK_PAPER___DRP 24187	63.75 3.02 0.00	84.56 3.72 0.00	72.51 3.01 0.00	76.25 3.43 0.00	81.61 3.63 0.00	59.72 2.61 -4.22	101.17 4.43 -5.46	183.75 3.52 -115.59	97.45 2.85 -41.63	54.88 2.98 0.00	525.61 7.18 -398.87	149.08 8.54 0.00	164.84 7.94 -22.92	124.93 7.09 -0.06	105.09 4.79 -20.24	130.01 3.03 -71.96	92.02 4.59 -0.63	125.40 2.98 -67.34	99.51 3.84 -24.48	94.72 2.77 -40.18	110.65 5.50 0.00	105.90 5.31 0.00	69.04 3.36 -1.34	56.07 2.73 -3.06
MOHICAN___35_KV_115KV_LD 80490	63.83 3.11 0.00	84.63 3.79 0.00	72.51 3.01 0.00	76.27 3.45 0.00	81.70 3.72 0.00	59.89 2.68 -4.32	103.75 4.87 -7.62	229.75 4.00 -161.11	114.28 3.28 -58.01	55.16 3.26 0.00	682.83 7.37 -555.89	149.41 8.87 0.00	175.39 10.59 -30.82	127.57 9.73 -0.06	110.77 7.11 -23.60	147.51 4.90 -87.58	95.42 7.97 -0.64	129.34 5.23 -69.03	102.77 6.48 -25.09	97.48 4.52 -41.19	113.88 8.73 0.00	108.82 8.23 0.00	70.84 5.13 -1.38	57.43 4.01 -3.14
MONGAUP___HYD 23641	64.52 3.79 0.00	85.37 4.53 0.00	73.12 3.62 0.00	76.77 3.96 0.00	82.29 4.32 0.00	59.24 3.31 -3.03	97.77 5.79 -0.71	83.93 4.26 -15.03	61.95 3.56 -5.41	55.61 3.72 0.00	179.50 8.11 -51.82	150.66 10.11 0.00	148.26 9.49 -4.79	126.14 8.31 -0.05	96.14 5.85 -10.22	89.31 4.14 -30.16	93.81 6.54 -0.47	108.85 3.81 -49.96	94.25 4.89 -18.16	84.98 3.41 -29.81	111.53 6.37 0.00	107.29 6.69 0.00	69.58 4.24 -1.00	55.77 3.22 -2.27
MONTAUK___DIESEL 23721	75.09 8.43 -5.93	90.12 9.26 -0.02	76.15 6.65 0.00	78.72 5.90 0.00	83.81 5.84 0.00	60.57 4.35 -3.33	149.59 7.53 -50.79	188.48 5.65 -118.20	63.44 4.43 -6.03	59.41 4.58 -2.93	207.49 8.60 -79.33	174.62 12.53 -21.55	156.63 13.03 -9.61	140.69 11.46 -11.45	112.20 8.11 -24.03	113.12 5.62 -52.48	109.96 9.22 -13.95	122.66 5.85 -61.73	107.32 7.40 -28.73	101.44 5.20 -44.47	123.27 9.52 -8.59	120.39 8.88 -10.92	71.39 5.96 -1.10	57.78 5.01 -2.49
MOONROAD_115KV_HARTFLD_TB1-2 355988	48.14 -7.46 5.13	60.75 -10.24 9.85	58.76 -8.82 1.92	55.37 -9.03 8.41	65.51 -10.01 2.45	45.97 -6.39 0.54	73.80 -11.16 6.31	54.04 -6.82 3.77	45.67 -5.55 1.76	42.51 -5.10 4.29	86.69 -12.70 20.17	112.38 -13.72 14.44	111.83 -12.34 9.81	107.45 -9.86 0.47	75.00 -5.97 -0.91	57.03 -3.82 -5.83	82.91 -3.98 -0.09	62.90 -1.95 -9.78	71.41 -3.34 -3.56	54.45 -3.15 -5.83	97.33 -7.25 0.58	94.35 -6.24 0.00	61.17 -3.36 -0.19	48.70 -2.03 -0.44

MORRIS_RIDGE___SOLAR 323848	47.72 -5.81 7.20	49.69 -7.92 23.23	59.74 -7.04 2.72	53.77 -7.10 11.94	66.83 -7.66 3.48	46.92 -5.05 0.92	64.02 -8.94 18.31	44.15 -5.91 14.57	39.05 -4.50 9.43	21.56 -3.91 26.42	38.46 -10.12 70.99	40.59 -10.96 89.00	59.59 -10.52 63.88	105.50 -9.31 2.97	70.10 -5.42 4.53	59.21 -2.75 -6.95	83.37 -3.53 -0.10	64.74 -1.54 -11.21	72.75 -2.52 -4.07	55.75 -2.70 -6.69	95.64 -5.93 3.58	94.58 -6.02 0.00	60.81 -3.75 -0.22	48.43 -2.36 -0.51
MORTIMER_115KV_TB3 55949	55.53 -2.63 2.57	73.13 -3.78 3.94	65.00 -3.54 0.96	65.03 -3.58 4.21	72.84 -3.91 1.23	50.25 -2.50 0.14	84.18 -4.95 2.15	60.93 -3.20 0.51	50.35 -2.64 0.00	49.47 -2.42 0.00	109.05 -6.32 4.20	134.06 -6.48 0.00	128.16 -6.32 -0.50	112.31 -5.48 -0.01	78.00 -3.48 -1.42	57.12 -1.97 -4.06	84.29 -2.57 -0.06	60.86 -1.12 -6.90	72.03 -1.67 -2.51	54.03 -1.85 -4.12	100.69 -4.46 0.00	96.31 -4.29 0.00	62.03 -2.45 -0.14	49.15 -1.45 -0.31
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	64.61 3.88 0.00	85.26 4.42 0.00	73.00 3.50 0.00	76.61 3.79 0.00	82.12 4.15 0.00	59.51 3.29 -3.33	97.79 5.72 -0.79	85.49 4.10 -16.75	62.56 3.54 -6.03	55.76 3.86 0.00	186.70 9.40 -57.73	152.56 12.01 0.00	150.47 11.18 -5.30	127.48 9.66 -0.05	98.17 6.88 -11.23	92.93 4.75 -33.17	94.80 7.49 -0.51	114.72 4.81 -54.83	97.37 6.25 -19.93	88.91 4.43 -32.71	113.26 8.11 0.00	108.24 7.65 0.00	70.26 4.83 -1.09	56.45 3.68 -2.49
MUNSVILLE_WIND_PWR 323609	69.20 1.37 -7.11	93.72 1.51 -11.37	73.29 0.89 -2.90	86.56 1.04 -12.71	82.95 1.27 -3.70	56.82 1.15 -2.78	100.72 2.19 -7.25	78.89 2.04 -12.21	59.00 1.95 -4.07	55.02 2.15 -0.97	174.22 5.22 -49.43	151.75 7.92 -3.28	148.02 8.99 -5.04	125.09 7.19 -0.13	89.89 5.60 -4.23	71.76 4.29 -12.44	94.67 7.71 -0.16	78.23 5.80 -17.35	85.05 7.55 -6.31	67.62 5.50 -10.35	116.29 11.01 -0.13	110.54 9.94 0.00	69.51 4.83 -0.35	54.67 3.60 -0.79
N SALMON___HYD 24042	61.12 0.39 0.00	81.74 0.90 0.00	70.38 0.87 0.00	73.44 0.61 0.00	78.52 0.54 0.00	52.37 -0.52 0.00	90.08 -1.19 0.00	63.96 -0.68 0.00	52.50 -0.48 0.00	51.18 -0.71 0.00	118.97 -0.60 0.00	138.78 -1.76 0.00	131.58 -2.40 0.00	115.98 -1.80 0.00	78.72 -1.34 0.00	53.78 -1.24 0.00	84.87 -1.93 0.00	53.91 -1.17 0.00	69.96 -1.23 0.00	51.15 -0.62 0.00	104.38 -0.78 0.00	100.07 -0.52 0.00	64.33 -0.01 0.00	50.09 -0.19 0.00
N.AKRON__115KV_KNAPP 355671	52.95 -4.10 3.68	67.91 -5.63 7.30	62.81 -5.31 1.38	61.43 -5.36 6.03	70.30 -5.91 1.76	48.70 -3.89 0.31	78.97 -7.53 4.76	56.53 -5.06 3.04	47.25 -4.27 1.47	44.54 -3.77 3.59	93.88 -9.81 15.88	118.11 -10.34 12.09	115.48 -10.27 8.23	107.87 -9.51 0.40	74.76 -6.06 -0.76	56.20 -3.68 -4.87	82.03 -4.85 -0.08	60.86 -2.42 -8.21	70.78 -3.40 -2.98	53.17 -3.49 -4.90	97.00 -7.67 0.48	93.05 -7.55 0.00	60.14 -4.36 -0.16	47.92 -2.73 -0.37
N.BELMOR_69_KV_BK1 55787	70.48 5.23 -4.52	86.82 5.97 0.00	74.13 4.63 0.00	77.73 4.91 0.00	83.35 5.37 0.00	60.35 4.12 -3.33	149.15 7.09 -50.79	188.20 5.37 -118.20	63.42 4.41 -6.03	62.00 4.75 -5.36	232.44 11.63 -101.24	207.29 14.81 -51.93	183.34 13.79 -35.57	190.30 12.29 -60.22	167.46 8.66 -78.75	211.15 5.85 -150.29	170.48 9.30 -74.38	169.92 5.98 -108.87	157.79 7.89 -78.71	152.11 5.58 -94.76	174.78 10.50 -59.13	168.07 9.85 -57.62	71.53 6.09 -1.10	57.33 4.56 -2.50
N.E_GEN_SANDY PD 24062	117.18 3.61 -52.85	131.56 4.34 -46.38	108.64 3.49 -35.65	114.66 3.93 -37.91	109.78 4.17 -27.63	90.28 3.10 -34.28	108.57 5.38 -11.92	140.13 4.35 -71.14	79.76 3.53 -23.25	75.93 3.78 -20.26	317.55 9.06 -188.92	151.33 10.78 0.00	157.70 9.86 -13.85	126.45 8.62 -0.06	101.71 6.06 -15.59	111.14 3.89 -52.23	101.90 6.05 -9.05	122.30 3.90 -63.32	100.31 5.01 -24.10	104.49 3.61 -49.12	112.02 6.86 0.00	107.14 6.54 0.00	81.88 4.19 -13.36	115.56 3.26 -62.01
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	64.08 3.35 0.00	84.54 3.69 0.00	72.38 2.88 0.00	76.01 3.19 0.00	81.46 3.49 0.00	58.88 2.79 -3.20	96.92 4.89 -0.75	84.17 3.57 -15.96	61.83 3.11 -5.74	55.26 3.37 0.00	182.91 8.34 -55.00	151.19 10.65 0.00	148.83 9.78 -5.07	126.15 8.33 -0.05	96.76 5.93 -10.78	90.99 4.16 -31.81	93.89 6.60 -0.49	112.00 4.28 -52.65	95.82 5.49 -19.14	87.07 3.89 -31.41	112.29 7.13 0.00	107.28 6.69 0.00	69.57 4.18 -1.05	55.83 3.15 -2.39
N.QUEENS_27_KV_LOAD 356247	64.64 3.92 0.00	85.37 4.52 0.00	73.11 3.61 0.00	76.84 4.02 0.00	82.26 4.29 0.00	59.59 3.37 -3.33	97.89 5.82 -0.79	85.64 4.25 -16.75	62.66 3.65 -6.03	55.84 3.95 0.00	186.99 9.69 -57.73	152.89 12.35 0.00	150.84 11.56 -5.30	127.86 10.03 -0.05	98.60 7.31 -11.23	93.08 4.90 -33.17	95.02 7.70 -0.51	114.85 4.95 -54.83	97.58 6.46 -19.93	89.04 4.56 -32.71	113.49 8.33 0.00	108.44 7.85 0.00	70.39 4.96 -1.09	56.55 3.77 -2.49
N.TROY___115KV_TB1 355778	63.88 3.15 0.00	84.74 3.90 0.00	72.62 3.12 0.00	76.38 3.56 0.00	81.71 3.74 0.00	59.83 2.70 -4.24	102.49 4.66 -6.55	206.87 3.66 -138.57	105.80 2.92 -49.90	54.92 3.03 0.00	604.93 7.19 -478.16	149.01 8.46 0.00	168.99 8.10 -26.90	125.02 7.18 -0.06	106.96 5.04 -21.86	137.99 3.33 -79.64	92.65 5.22 -0.63	126.19 3.38 -67.74	100.10 4.28 -24.62	95.26 3.08 -40.41	111.12 5.97 0.00	106.33 5.74 0.00	69.33 3.64 -1.35	56.24 2.88 -3.08
NARROWS_GT1_1 24228	144.24 4.32 -79.19	85.64 4.80 0.00	73.33 3.82 0.00	76.93 4.11 0.00	82.42 4.45 0.00	61.32 3.57 -4.86	100.27 6.24 -2.76	85.89 4.50 -16.75	65.99 3.89 -9.12	71.56 4.28 -15.39	187.30 10.00 -57.73	328.40 13.01 -174.84	369.83 12.24 -223.61	369.26 10.55 -240.93	363.57 7.57 -275.94	353.30 5.24 -293.05	325.91 8.25 -230.86	121.40 5.24 -61.09	119.41 6.89 -41.32	118.72 4.94 -62.02	114.08 8.93 0.00	108.96 8.37 0.00	74.44 5.31 -4.80	79.05 4.12 -24.65
NARROWS_GT1_2 24229	144.24 4.32 -79.19	85.64 4.80 0.00	73.33 3.82 0.00	76.93 4.11 0.00	82.42 4.45 0.00	61.32 3.57 -4.86	100.27 6.24 -2.76	85.89 4.50 -16.75	65.99 3.89 -9.12	71.56 4.28 -15.39	187.30 10.00 -57.73	328.40 13.01 -174.84	369.83 12.24 -223.61	369.26 10.55 -240.93	363.57 7.57 -275.94	353.30 5.24 -293.05	325.91 8.25 -230.86	121.40 5.24 -61.09	119.41 6.89 -41.32	118.72 4.94 -62.02	114.08 8.93 0.00	108.96 8.37 0.00	74.44 5.31 -4.80	79.05 4.12 -24.65
NARROWS_GT1_3 24230	144.24 4.32 -79.19	85.64 4.80 0.00	73.33 3.82 0.00	76.93 4.11 0.00	82.42 4.45 0.00	61.32 3.57 -4.86	100.27 6.24 -2.76	85.89 4.50 -16.75	65.99 3.89 -9.12	71.56 4.28 -15.39	187.30 10.00 -57.73	328.40 13.01 -174.84	369.83 12.24 -223.61	369.26 10.55 -240.93	363.57 7.57 -275.94	353.30 5.24 -293.05	325.91 8.25 -230.86	121.40 5.24 -61.09	119.41 6.89 -41.32	118.72 4.94 -62.02	114.08 8.93 0.00	108.96 8.37 0.00	74.44 5.31 -4.80	79.05 4.12 -24.65
NARROWS_GT1_4 24231	144.24 4.32 -79.19	85.64 4.80 0.00	73.33 3.82 0.00	76.93 4.11 0.00	82.42 4.45 0.00	61.32 3.57 -4.86	100.27 6.24 -2.76	85.89 4.50 -16.75	65.99 3.89 -9.12	71.56 4.28 -15.39	187.30 10.00 -57.73	328.40 13.01 -174.84	369.83 12.24 -223.61	369.26 10.55 -240.93	363.57 7.57 -275.94	353.30 5.24 -293.05	325.91 8.25 -230.86	121.40 5.24 -61.09	119.41 6.89 -41.32	118.72 4.94 -62.02	114.08 8.93 0.00	108.96 8.37 0.00	74.44 5.31 -4.80	79.05 4.12 -24.65

NARROWS_GT1_5 24232	144.24 4.32 -79.19	85.64 4.80 0.00	73.33 3.82 0.00	76.93 4.11 0.00	82.42 4.45 0.00	61.32 3.57 -4.86	100.27 6.24 -2.76	85.89 4.50 -16.75	65.99 3.89 -9.12	71.56 4.28 -15.39	187.30 10.00 -57.73	328.40 13.01 -174.84	369.83 12.24 -223.61	369.26 10.55 -240.93	363.57 7.57 -275.94	353.30 5.24 -293.05	325.91 8.25 -230.86	121.40 5.24 -61.09	119.41 6.89 -41.32	118.72 4.94 -62.02	114.08 8.93 0.00	108.96 8.37 0.00	74.44 5.31 -4.80	79.05 4.12 -24.65
NARROWS_GT1_6 24233	144.24 4.32 -79.19	85.64 4.80 0.00	73.33 3.82 0.00	76.93 4.11 0.00	82.42 4.45 0.00	61.32 3.57 -4.86	100.27 6.24 -2.76	85.89 4.50 -16.75	65.99 3.89 -9.12	71.56 4.28 -15.39	187.30 10.00 -57.73	328.40 13.01 -174.84	369.83 12.24 -223.61	369.26 10.55 -240.93	363.57 7.57 -275.94	353.30 5.24 -293.05	325.91 8.25 -230.86	121.40 5.24 -61.09	119.41 6.89 -41.32	118.72 4.94 -62.02	114.08 8.93 0.00	108.96 8.37 0.00	74.44 5.31 -4.80	79.05 4.12 -24.65
NARROWS_GT1_7 24234	144.24 4.32 -79.19	85.64 4.80 0.00	73.33 3.82 0.00	76.93 4.11 0.00	82.42 4.45 0.00	61.32 3.57 -4.86	100.27 6.24 -2.76	85.89 4.50 -16.75	65.99 3.89 -9.12	71.56 4.28 -15.39	187.30 10.00 -57.73	328.40 13.01 -174.84	369.83 12.24 -223.61	369.26 10.55 -240.93	363.57 7.57 -275.94	353.30 5.24 -293.05	325.91 8.25 -230.86	121.40 5.24 -61.09	119.41 6.89 -41.32	118.72 4.94 -62.02	114.08 8.93 0.00	108.96 8.37 0.00	74.44 5.31 -4.80	79.05 4.12 -24.65
NARROWS_GT1_8 24235	144.24 4.32 -79.19	85.64 4.80 0.00	73.33 3.82 0.00	76.93 4.11 0.00	82.42 4.45 0.00	61.32 3.57 -4.86	100.27 6.24 -2.76	85.89 4.50 -16.75	65.99 3.89 -9.12	71.56 4.28 -15.39	187.30 10.00 -57.73	328.40 13.01 -174.84	369.83 12.24 -223.61	369.26 10.55 -240.93	363.57 7.57 -275.94	353.30 5.24 -293.05	325.91 8.25 -230.86	121.40 5.24 -61.09	119.41 6.89 -41.32	118.72 4.94 -62.02	114.08 8.93 0.00	108.96 8.37 0.00	74.44 5.31 -4.80	79.05 4.12 -24.65
NARROWS_GT2_1 24236	144.24 4.32 -79.19	85.64 4.80 0.00	73.33 3.82 0.00	76.93 4.11 0.00	82.42 4.45 0.00	61.32 3.57 -4.86	100.27 6.24 -2.76	85.89 4.50 -16.75	65.99 3.89 -9.12	71.56 4.28 -15.39	187.30 10.00 -57.73	328.40 13.01 -174.84	369.83 12.24 -223.61	369.26 10.55 -240.93	363.57 7.57 -275.94	353.30 5.24 -293.05	325.91 8.25 -230.86	121.40 5.24 -61.09	119.41 6.89 -41.32	118.72 4.94 -62.02	114.08 8.93 0.00	108.96 8.37 0.00	74.44 5.31 -4.80	79.05 4.12 -24.65
NARROWS_GT2_2 24237	144.24 4.32 -79.19	85.64 4.80 0.00	73.33 3.82 0.00	76.93 4.11 0.00	82.42 4.45 0.00	61.32 3.57 -4.86	100.27 6.24 -2.76	85.89 4.50 -16.75	65.99 3.89 -9.12	71.56 4.28 -15.39	187.30 10.00 -57.73	328.40 13.01 -174.84	369.83 12.24 -223.61	369.26 10.55 -240.93	363.57 7.57 -275.94	353.30 5.24 -293.05	325.91 8.25 -230.86	121.40 5.24 -61.09	119.41 6.89 -41.32	118.72 4.94 -62.02	114.08 8.93 0.00	108.96 8.37 0.00	74.44 5.31 -4.80	79.05 4.12 -24.65
NARROWS_GT2_3 24238	144.24 4.32 -79.19	85.64 4.80 0.00	73.33 3.82 0.00	76.93 4.11 0.00	82.42 4.45 0.00	61.32 3.57 -4.86	100.27 6.24 -2.76	85.89 4.50 -16.75	65.99 3.89 -9.12	71.56 4.28 -15.39	187.30 10.00 -57.73	328.40 13.01 -174.84	369.83 12.24 -223.61	369.26 10.55 -240.93	363.57 7.57 -275.94	353.30 5.24 -293.05	325.91 8.25 -230.86	121.40 5.24 -61.09	119.41 6.89 -41.32	118.72 4.94 -62.02	114.08 8.93 0.00	108.96 8.37 0.00	74.44 5.31 -4.80	79.05 4.12 -24.65
NARROWS_GT2_4 24239	144.24 4.32 -79.19	85.64 4.80 0.00	73.33 3.82 0.00	76.93 4.11 0.00	82.42 4.45 0.00	61.32 3.57 -4.86	100.27 6.24 -2.76	85.89 4.50 -16.75	65.99 3.89 -9.12	71.56 4.28 -15.39	187.30 10.00 -57.73	328.40 13.01 -174.84	369.83 12.24 -223.61	369.26 10.55 -240.93	363.57 7.57 -275.94	353.30 5.24 -293.05	325.91 8.25 -230.86	121.40 5.24 -61.09	119.41 6.89 -41.32	118.72 4.94 -62.02	114.08 8.93 0.00	108.96 8.37 0.00	74.44 5.31 -4.80	79.05 4.12 -24.65
NARROWS_GT2_5 24240	144.24 4.32 -79.19	85.64 4.80 0.00	73.33 3.82 0.00	76.93 4.11 0.00	82.42 4.45 0.00	61.32 3.57 -4.86	100.27 6.24 -2.76	85.89 4.50 -16.75	65.99 3.89 -9.12	71.56 4.28 -15.39	187.30 10.00 -57.73	328.40 13.01 -174.84	369.83 12.24 -223.61	369.26 10.55 -240.93	363.57 7.57 -275.94	353.30 5.24 -293.05	325.91 8.25 -230.86	121.40 5.24 -61.09	119.41 6.89 -41.32	118.72 4.94 -62.02	114.08 8.93 0.00	108.96 8.37 0.00	74.44 5.31 -4.80	79.05 4.12 -24.65
NARROWS_GT2_6 24241	144.24 4.32 -79.19	85.64 4.80 0.00	73.33 3.82 0.00	76.93 4.11 0.00	82.42 4.45 0.00	61.32 3.57 -4.86	100.27 6.24 -2.76	85.89 4.50 -16.75	65.99 3.89 -9.12	71.56 4.28 -15.39	187.30 10.00 -57.73	328.40 13.01 -174.84	369.83 12.24 -223.61	369.26 10.55 -240.93	363.57 7.57 -275.94	353.30 5.24 -293.05	325.91 8.25 -230.86	121.40 5.24 -61.09	119.41 6.89 -41.32	118.72 4.94 -62.02	114.08 8.93 0.00	108.96 8.37 0.00	74.44 5.31 -4.80	79.05 4.12 -24.65
NARROWS_GT2_7 24242	144.24 4.32 -79.19	85.64 4.80 0.00	73.33 3.82 0.00	76.93 4.11 0.00	82.42 4.45 0.00	61.32 3.57 -4.86	100.27 6.24 -2.76	85.89 4.50 -16.75	65.99 3.89 -9.12	71.56 4.28 -15.39	187.30 10.00 -57.73	328.40 13.01 -174.84	369.83 12.24 -223.61	369.26 10.55 -240.93	363.57 7.57 -275.94	353.30 5.24 -293.05	325.91 8.25 -230.86	121.40 5.24 -61.09	119.41 6.89 -41.32	118.72 4.94 -62.02	114.08 8.93 0.00	108.96 8.37 0.00	74.44 5.31 -4.80	79.05 4.12 -24.65
NARROWS_GT2_8 24243	144.24 4.32 -79.19	85.64 4.80 0.00	73.33 3.82 0.00	76.93 4.11 0.00	82.42 4.45 0.00	61.32 3.57 -4.86	100.27 6.24 -2.76	85.89 4.50 -16.75	65.99 3.89 -9.12	71.56 4.28 -15.39	187.30 10.00 -57.73	328.40 13.01 -174.84	369.83 12.24 -223.61	369.26 10.55 -240.93	363.57 7.57 -275.94	353.30 5.24 -293.05	325.91 8.25 -230.86	121.40 5.24 -61.09	119.41 6.89 -41.32	118.72 4.94 -62.02	114.08 8.93 0.00	108.96 8.37 0.00	74.44 5.31 -4.80	79.05 4.12 -24.65
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	64.87 4.14 0.00	86.09 5.25 0.00	73.84 4.34 0.00	77.65 4.84 0.00	83.12 5.15 0.00	60.40 3.53 -3.97	100.20 5.97 -2.96	131.49 4.28 -62.57	79.04 3.53 -22.53	55.58 3.68 0.00	342.97 7.51 -215.89	149.29 8.75 0.00	157.24 9.62 -13.63	126.39 8.56 -0.06	101.70 5.62 -16.02	111.73 3.83 -52.89	93.57 6.17 -0.59	122.78 3.93 -63.77	99.53 5.16 -23.18	93.38 3.57 -38.04	112.32 7.17 0.00	107.41 6.81 0.00	69.82 4.21 -1.27	56.55 3.37 -2.90
NCHELSEA_115KV_TR2 355582	64.90 4.17 0.00	85.72 4.88 0.00	73.42 3.92 0.00	77.12 4.30 0.00	82.71 4.73 0.00	59.82 3.60 -3.33	98.38 6.28 -0.82	86.60 4.53 -17.43	63.10 3.85 -6.27	56.01 4.11 0.00	189.56 9.91 -60.07	153.04 12.49 0.00	151.03 11.63 -5.41	127.84 10.01 -0.05	98.39 7.06 -11.28	93.32 4.93 -33.38	95.13 7.82 -0.51	114.97 5.07 -54.82	97.66 6.54 -19.93	89.08 4.60 -32.71	113.76 8.61 0.00	108.70 8.11 0.00	70.52 5.09 -1.09	56.66 3.88 -2.49
NEG CAPITAL___MECHNVIL 23645	64.30 3.57 0.00	85.34 4.50 0.00	73.09 3.59 0.00	76.83 4.01 0.00	82.24 4.27 0.00	60.26 3.08 -4.29	103.95 5.38 -7.29	223.11 4.16 -154.31	111.89 3.34 -55.57	55.31 3.42 0.00	660.04 8.01 -532.45	150.15 9.60 0.00	173.40 9.77 -29.64	126.51 8.67 -0.06	109.31 6.18 -23.07	144.45 4.27 -85.17	94.27 6.83 -0.64	128.10 4.43 -68.59	101.71 5.59 -24.93	96.63 3.95 -40.92	112.78 7.62 0.00	107.81 7.22 0.00	70.24 4.53 -1.37	56.93 3.53 -3.12



NEG CENTRAL_HIGH_ACRES 23767	55.75 -3.14 1.84	73.59 -4.42 2.83	64.73 -4.09 0.69	65.66 -4.16 3.00	72.62 -4.48 0.87	50.02 -2.88 0.00	84.26 -5.48 1.53	60.66 -3.61 0.36	50.03 -2.95 0.00	49.16 -2.73 0.00	109.74 -6.81 3.02	133.28 -7.26 0.00	126.95 -7.04 0.00	111.65 -6.13 -0.01	77.13 -3.95 -1.02	55.27 -2.32 -2.57	83.67 -3.19 -0.06	60.15 -1.61 -6.68	71.31 -2.31 -2.43	53.52 -2.22 -3.98	100.01 -5.14 0.00	95.62 -4.97 0.00	61.50 -2.97 -0.13	48.64 -1.95 -0.30
NEG CENTRAL___DRP 24199	56.97 -0.87 2.89	75.92 -1.32 3.60	66.83 -1.57 1.10	66.56 -1.45 4.81	75.09 -1.48 1.40	51.90 -0.80 0.20	87.99 -1.71 1.58	64.42 -0.83 -0.61	53.27 -0.47 -0.75	53.48 -0.25 -1.84	118.51 -1.37 -0.31	146.02 -0.73 -6.20	138.16 -0.90 -5.08	116.88 -1.11 -0.21	81.99 -0.07 -2.00	59.84 0.44 -4.37	88.06 1.19 -0.07	63.55 1.09 -7.39	75.09 1.21 -2.69	56.57 0.40 -4.41	105.74 0.33 -0.25	100.71 0.12 0.00	64.43 -0.05 -0.15	50.81 0.19 -0.34
NEG CENTRAL___INDECK 23768	52.19 -2.00 6.54	76.49 -2.98 1.37	64.16 -2.86 2.48	59.12 -2.81 10.89	71.70 -3.09 3.17	50.08 -1.94 0.87	90.97 -3.63 -3.32	73.44 -2.04 -10.84	59.31 -1.38 -7.72	69.72 -1.01 -18.83	157.05 -3.50 -40.99	200.58 -3.40 -63.43	176.94 -4.14 -47.10	116.25 -3.67 -2.14	85.15 -1.82 -6.91	60.60 -0.22 -5.81	87.41 0.52 -0.09	66.09 1.29 -9.72	75.93 1.20 -3.54	57.59 0.02 -5.80	107.12 -0.59 -2.55	99.71 -0.89 0.00	63.92 -0.61 -0.19	50.68 -0.04 -0.44
NEG CENTRAL___SENECA 23627	53.79 -1.36 5.58	71.48 -2.10 7.26	65.10 -2.27 2.13	61.23 -2.24 9.36	72.92 -2.32 2.73	50.81 -1.33 0.76	85.22 -2.65 3.40	63.95 -1.41 -0.73	53.26 -0.89 -1.17	54.13 -0.61 -2.85	115.94 -2.30 1.33	148.31 -1.82 -9.59	139.60 -2.01 -7.62	115.87 -2.24 -0.33	81.89 -0.60 -2.43	60.01 0.13 -4.86	87.62 0.74 -0.08	64.14 0.89 -8.17	75.09 0.93 -2.97	56.78 0.14 -4.88	105.27 -0.27 -0.39	100.11 -0.48 0.00	64.12 -0.38 -0.16	50.62 -0.03 -0.37
NEG CENTRAL___STATE_STREET 24147	62.51 0.04 -1.75	84.01 0.11 -3.05	69.80 -0.42 -0.71	75.85 -0.07 -3.10	78.93 0.06 -0.90	53.97 0.22 -0.86	93.28 0.09 -1.92	65.84 0.35 -0.86	53.71 0.40 -0.33	53.23 0.54 -0.79	124.97 0.35 -5.05	144.80 1.59 -2.67	137.68 1.20 -2.50	118.67 0.80 -0.10	82.90 1.14 -1.70	60.51 1.20 -4.30	89.17 2.30 -0.07	63.88 1.57 -7.23	75.67 1.85 -2.63	57.04 0.96 -4.32	106.99 1.72 -0.11	102.15 1.56 0.00	65.18 0.70 -0.14	51.32 0.71 -0.33
NEG MILLWOOD___DRP 24198	65.18 4.45 0.00	86.07 5.23 0.00	73.71 4.21 0.00	77.40 4.58 0.00	83.00 5.02 0.00	60.09 3.84 -3.36	98.81 6.71 -0.82	86.84 4.86 -17.35	63.35 4.12 -6.24	56.31 4.41 0.00	190.01 10.65 -59.79	153.87 13.32 0.00	151.83 12.42 -5.42	128.53 10.70 -0.05	98.98 7.56 -11.37	93.87 5.23 -33.62	95.65 8.33 -0.52	115.82 5.39 -55.36	98.27 6.95 -20.12	89.68 4.89 -33.03	114.29 9.14 0.00	109.22 8.63 0.00	70.85 5.41 -1.10	56.91 4.11 -2.52
NEG NORTH_FLCN_SEA 23793	61.06 0.33 0.00	81.61 0.76 0.00	70.16 0.65 0.00	73.16 0.34 0.00	78.48 0.51 0.00	52.14 -0.75 0.00	89.61 -1.66 0.00	63.42 -1.22 0.00	52.03 -0.95 0.00	50.83 -1.07 0.00	117.75 -1.82 0.00	138.12 -2.43 0.00	130.69 -3.30 0.00	114.99 -2.79 0.00	78.19 -1.87 0.00	53.65 -1.37 0.00	84.61 -2.18 0.00	53.73 -1.34 0.00	69.57 -1.62 0.00	50.87 -0.89 0.00	103.78 -1.38 0.00	99.24 -1.36 0.00	63.70 -0.63 0.00	49.87 -0.41 0.00
NEG NORTH_KES_CHATEGAY 23792	60.35 -0.37 0.00	80.68 -0.17 0.00	69.47 -0.04 0.00	72.49 -0.33 0.00	77.55 -0.42 0.00	51.72 -1.17 0.00	89.07 -2.21 0.00	63.07 -1.56 0.00	51.75 -1.23 0.00	50.53 -1.37 0.00	117.03 -2.54 0.00	137.09 -3.45 0.00	129.80 -4.18 0.00	114.16 -3.62 0.00	77.55 -2.51 0.00	53.22 -1.80 0.00	83.77 -3.03 0.00	53.22 -1.85 0.00	69.05 -2.14 0.00	50.53 -1.24 0.00	103.23 -1.93 0.00	98.73 -1.86 0.00	63.35 -0.99 0.00	49.33 -0.95 0.00
NEG NORTH___ALICE_FALLS 23915	61.31 0.58 0.00	81.93 1.09 0.00	70.42 0.92 0.00	73.47 0.65 0.00	78.77 0.80 0.00	52.46 -0.44 0.00	90.18 -1.10 0.00	63.87 -0.77 0.00	52.40 -0.58 0.00	51.21 -0.68 0.00	118.62 -0.95 0.00	139.11 -1.43 0.00	131.72 -2.27 0.00	115.88 -1.90 0.00	78.74 -1.32 0.00	54.04 -0.98 0.00	85.22 -1.58 0.00	54.14 -0.93 0.00	70.13 -1.06 0.00	51.27 -0.49 0.00	104.54 -0.61 0.00	99.91 -0.68 0.00	64.14 -0.20 0.00	50.08 -0.20 0.00
NEG NORTH___LWR_SARANAC 23913	61.31 0.58 0.00	81.93 1.09 0.00	70.42 0.92 0.00	73.47 0.65 0.00	78.77 0.80 0.00	52.46 -0.44 0.00	90.18 -1.10 0.00	63.87 -0.77 0.00	52.40 -0.58 0.00	51.21 -0.68 0.00	118.62 -0.95 0.00	139.11 -1.43 0.00	131.72 -2.27 0.00	115.88 -1.90 0.00	78.74 -1.32 0.00	54.04 -0.98 0.00	85.22 -1.58 0.00	54.14 -0.93 0.00	70.13 -1.06 0.00	51.27 -0.49 0.00	104.54 -0.61 0.00	99.91 -0.68 0.00	64.14 -0.20 0.00	50.08 -0.20 0.00
NEG NORTH___PLATTSBURG 23628	61.31 0.58 0.00	81.93 1.09 0.00	70.43 0.92 0.00	73.47 0.65 0.00	78.78 0.81 0.00	52.47 -0.42 0.00	90.18 -1.09 0.00	63.87 -0.77 0.00	52.41 -0.58 0.00	51.21 -0.68 0.00	118.65 -0.91 0.00	139.11 -1.43 0.00	131.68 -2.31 0.00	115.88 -1.90 0.00	78.74 -1.31 0.00	54.04 -0.98 0.00	85.22 -1.58 0.00	54.14 -0.93 0.00	70.14 -1.06 0.00	51.27 -0.49 0.00	104.54 -0.61 0.00	99.92 -0.68 0.00	64.14 -0.20 0.00	50.08 -0.20 0.00
NEG WEST_LEA_LOCKPORT 23791	51.52 -5.32 3.89	65.64 -7.24 7.96	61.38 -6.67 1.46	59.69 -6.76 6.38	68.66 -7.46 1.86	47.63 -4.92 0.34	76.54 -9.45 5.28	54.61 -6.47 3.55	45.81 -5.41 1.77	42.65 -4.93 4.32	88.81 -12.53 18.22	112.55 -13.46 14.54	110.82 -13.17 10.00	105.36 -11.94 0.48	72.95 -7.73 -0.62	55.16 -4.87 -5.02	80.13 -6.75 -0.08	59.88 -3.65 -8.45	69.29 -4.97 -3.07	52.16 -4.65 -5.04	94.54 -10.03 0.58	90.79 -9.80 0.00	58.71 -5.80 -0.17	46.85 -3.81 -0.38
NEG WEST___LANCASTER 23811	50.73 -5.01 5.00	64.34 -6.82 9.69	61.32 -6.32 1.87	58.32 -6.33 8.17	68.60 -6.99 2.38	47.80 -4.60 0.49	76.83 -8.38 6.07	58.64 -5.60 0.40	47.77 -4.65 0.57	43.42 -4.10 4.37	100.44 -10.67 8.46	114.44 -11.38 14.73	113.64 -10.60 9.74	107.68 -9.62 0.48	74.82 -6.16 -0.92	57.13 -3.81 -5.93	81.79 -5.10 -0.09	62.13 -2.88 -9.93	70.91 -3.89 -3.61	53.88 -3.81 -5.93	96.62 -7.94 0.59	93.00 -7.59 0.00	60.14 -4.40 -0.20	47.97 -2.76 -0.45
NEG_PENN_ALLEGHNY 23528	58.02 -0.63 2.08	76.59 -1.06 3.20	67.87 -1.13 0.50	69.54 -1.06 2.22	76.31 -1.02 0.65	53.17 -0.53 -0.81	89.26 -1.01 1.00	70.49 -0.58 -6.43	55.08 -0.36 -2.46	51.82 -0.07 0.00	139.12 -0.64 -20.20	140.67 0.13 0.00	136.42 0.41 -2.02	118.08 0.29 -0.02	84.44 0.55 -3.83	67.20 0.67 -11.51	88.21 1.24 -0.17	74.12 0.97 -18.07	78.93 1.17 -6.57	63.12 0.58 -10.78	105.86 0.71 0.00	101.19 0.60 0.00	65.01 0.31 -0.36	51.48 0.37 -0.82
NEG___GEN_MONROE 24207	55.68 -2.43 2.62	73.33 -3.49 4.03	65.17 -3.35 0.98	65.13 -3.39 4.30	73.02 -3.70 1.25	50.39 -2.35 0.15	84.41 -4.67 2.19	61.12 -3.00 0.52	50.50 -2.49 0.00	49.66 -2.24 0.00	109.31 -5.96 4.29	134.50 -6.05 0.00	128.57 -5.92 -0.51	112.50 -5.29 -0.01	78.18 -3.31 -1.43	57.31 -1.81 -4.10	84.70 -2.17 -0.06	61.23 -0.82 -6.97	72.43 -1.30 -2.53	54.26 -1.67 -4.16	101.08 -4.07 0.00	96.64 -3.96 0.00	62.25 -2.23 -0.14	49.33 -1.27 -0.32

NEPA__ENERGY 23901	50.20 -5.80 4.73	62.89 -7.94 10.01	60.59 -7.14 1.77	57.82 -7.24 7.76	67.76 -7.96 2.26	47.28 -5.14 0.47	74.97 -9.55 6.76	53.77 -6.10 4.77	45.49 -5.06 2.44	41.32 -4.63 5.95	83.59 -11.90 24.08	107.92 -12.59 20.03	108.21 -11.84 13.94	107.01 -10.11 0.66	74.01 -6.44 -0.39	56.59 -4.01 -5.58	81.92 -4.97 -0.09	61.97 -2.47 -9.36	70.89 -3.71 -3.40	53.76 -3.59 -5.59	96.36 -7.98 0.81	93.16 -7.43 0.00	60.37 -4.15 -0.19	48.16 -2.54 -0.43
NEVERSINK__HYD 23608	63.74 3.02 0.00	84.16 3.32 0.00	72.09 2.58 0.00	75.72 2.90 0.00	81.20 3.23 0.00	58.49 2.57 -3.02	96.66 4.56 -0.83	85.53 3.33 -17.56	62.18 2.88 -6.32	54.99 3.10 0.00	187.59 7.49 -60.53	150.14 9.60 0.00	148.04 8.84 -5.22	125.44 7.61 -0.05	95.75 5.34 -10.35	89.70 3.82 -30.86	93.43 6.17 -0.46	108.77 3.99 -49.70	94.42 5.17 -18.07	84.99 3.57 -29.65	111.72 6.57 0.00	106.68 6.08 0.00	69.04 3.72 -0.99	55.32 2.78 -2.26
NEWKRMKL_115KV_TB1 55635	63.40 2.67 0.00	84.11 3.26 0.00	72.13 2.63 0.00	75.86 3.04 0.00	81.19 3.22 0.00	59.43 2.32 -4.21	100.08 3.87 -4.94	172.11 2.88 -104.59	92.98 2.33 -37.67	54.40 2.50 0.00	486.49 6.00 -360.92	147.86 7.31 0.00	161.82 6.81 -21.02	123.86 6.02 -0.06	103.48 3.94 -19.48	125.83 2.48 -68.34	91.04 3.62 -0.63	124.67 2.38 -67.21	98.76 3.14 -24.43	94.13 2.27 -40.10	109.70 4.55 0.00	105.00 4.41 0.00	68.49 2.82 -1.34	55.74 2.40 -3.06
NEWTON__FALLS_HYD 23847	59.59 -1.14 0.00	79.62 -1.22 0.00	68.52 -0.98 0.00	71.61 -1.21 0.00	76.41 -1.56 0.00	51.34 -1.64 -0.09	87.79 -3.48 0.00	62.58 -2.06 0.00	51.33 -1.66 0.00	49.99 -1.90 0.00	116.61 -2.96 0.00	135.95 -4.59 0.00	129.44 -4.54 0.00	114.22 -3.56 0.00	77.98 -2.29 -0.22	53.61 -1.95 -0.54	84.78 -2.04 -0.01	55.29 -1.20 -1.41	70.33 -1.37 -0.51	51.65 -0.96 -0.84	103.48 -1.68 0.00	99.88 -0.71 0.00	63.90 -0.46 -0.03	49.80 -0.54 -0.06
NGRID_A1_DSASP 323792	50.55 -6.19 3.99	64.46 -8.26 8.12	60.34 -7.67 1.49	58.56 -7.72 6.53	67.52 -8.55 1.90	46.81 -5.73 0.35	75.21 -10.69 5.37	53.67 -7.39 3.58	45.01 -6.20 1.78	41.80 -5.76 4.33	86.79 -14.34 18.44	109.87 -16.08 14.60	108.31 -15.65 10.03	103.46 -13.83 0.48	71.63 -9.08 -0.65	54.33 -5.80 -5.11	78.59 -8.29 -0.08	59.02 -4.67 -8.61	68.10 -6.22 -3.13	51.36 -5.54 -5.14	92.61 -11.96 0.59	89.22 -11.38 0.00	57.95 -6.56 -0.17	46.49 -4.18 -0.39
NGRID_A2_DSASP 323793	50.55 -6.19 3.99	64.46 -8.26 8.12	60.34 -7.67 1.49	58.56 -7.72 6.53	67.52 -8.55 1.90	46.81 -5.73 0.35	75.21 -10.69 5.37	53.67 -7.39 3.58	45.01 -6.20 1.78	41.80 -5.76 4.33	86.79 -14.34 18.44	109.87 -16.08 14.60	108.31 -15.65 10.03	103.46 -13.83 0.48	71.63 -9.08 -0.65	54.33 -5.80 -5.11	78.59 -8.29 -0.08	59.02 -4.67 -8.61	68.10 -6.22 -3.13	51.36 -5.54 -5.14	92.61 -11.96 0.59	89.22 -11.38 0.00	57.95 -6.56 -0.17	46.49 -4.18 -0.39
NGRID_A4_DSASP 323807	50.55 -6.19 3.99	64.46 -8.26 8.12	60.34 -7.67 1.49	58.56 -7.72 6.53	67.52 -8.55 1.90	46.81 -5.73 0.35	75.21 -10.69 5.37	53.67 -7.39 3.58	45.01 -6.20 1.78	41.80 -5.76 4.33	86.79 -14.34 18.44	109.87 -16.08 14.60	108.31 -15.65 10.03	103.46 -13.83 0.48	71.63 -9.08 -0.65	54.33 -5.80 -5.11	78.59 -8.29 -0.08	59.02 -4.67 -8.61	68.10 -6.22 -3.13	51.36 -5.54 -5.14	92.61 -11.96 0.59	89.22 -11.38 0.00	57.95 -6.56 -0.17	46.49 -4.18 -0.39
NIAGARA_115E_LBMP 323715	50.64 -6.07 4.02	64.56 -8.11 8.18	60.48 -7.52 1.51	58.64 -7.59 6.59	67.65 -8.40 1.92	46.90 -5.63 0.36	75.32 -10.55 5.41	53.66 -7.38 3.60	44.98 -6.22 1.78	41.94 -5.60 4.35	87.07 -13.98 18.52	110.78 -15.12 14.64	108.98 -14.95 10.06	103.29 -14.01 0.48	71.57 -9.14 -0.65	54.23 -5.91 -5.13	78.48 -8.40 -0.08	58.93 -4.78 -8.63	68.00 -6.33 -3.14	51.25 -5.67 -5.15	92.67 -11.90 0.58	89.01 -11.58 0.00	57.81 -6.70 -0.17	46.28 -4.39 -0.39
NIAGARA_115W_LBMP 323714	50.48 -6.27 3.97	64.39 -8.36 8.09	60.26 -7.76 1.49	58.48 -7.82 6.51	67.42 -8.66 1.90	46.72 -5.82 0.35	75.12 -10.80 5.35	53.59 -7.49 3.56	44.94 -6.28 1.77	41.77 -5.82 4.31	86.73 -14.50 18.34	109.74 -16.30 14.51	108.17 -15.86 9.96	103.27 -14.03 0.48	71.52 -9.19 -0.66	54.22 -5.90 -5.11	78.45 -8.43 -0.08	58.90 -4.78 -8.60	67.98 -6.34 -3.13	51.27 -5.63 -5.13	92.44 -12.12 0.58	89.03 -11.56 0.00	57.84 -6.67 -0.17	46.40 -4.27 -0.39
NIAGARA_230_LBMP 323716	51.06 -5.79 3.87	65.14 -7.88 7.83	60.89 -7.16 1.45	59.17 -7.31 6.34	68.11 -8.01 1.85	47.23 -5.33 0.33	75.98 -10.13 5.16	54.31 -6.93 3.40	45.50 -5.81 1.67	42.31 -5.50 4.08	88.30 -13.72 17.55	111.86 -14.93 13.75	110.11 -14.46 9.42	104.57 -12.76 0.45	72.37 -8.38 -0.69	54.79 -5.27 -5.04	79.34 -7.54 -0.08	59.41 -4.16 -8.49	68.67 -5.61 -3.09	51.78 -5.04 -5.07	93.57 -11.03 0.55	90.14 -10.45 0.00	58.51 -6.00 -0.17	46.86 -3.81 -0.39
NIAGARA__115KV_198_GIBSON 55903	50.49 -6.27 3.97	64.38 -8.37 8.09	60.31 -7.70 1.49	58.47 -7.83 6.51	67.42 -8.65 1.90	46.74 -5.80 0.35	75.06 -10.86 5.35	53.56 -7.51 3.56	44.91 -6.31 1.77	41.74 -5.84 4.31	86.53 -14.70 18.34	109.55 -16.49 14.51	108.05 -15.97 9.96	103.26 -14.04 0.48	71.49 -9.22 -0.66	54.19 -5.94 -5.11	78.44 -8.44 -0.08	58.89 -4.78 -8.60	67.95 -6.36 -3.13	51.24 -5.65 -5.13	92.45 -12.12 0.58	89.03 -11.56 0.00	57.85 -6.66 -0.17	46.40 -4.28 -0.39
NIAGARA____ 23760	51.01 -5.79 3.92	65.02 -7.88 7.94	60.87 -7.16 1.47	59.09 -7.31 6.42	68.09 -8.01 1.87	47.22 -5.33 0.34	75.92 -10.13 5.22	54.26 -6.93 3.44	45.48 -5.81 1.70	42.27 -5.50 4.13	88.13 -13.72 17.73	111.67 -14.93 13.94	109.97 -14.46 9.55	104.56 -12.76 0.46	72.37 -8.38 -0.70	54.85 -5.27 -5.09	79.34 -7.54 -0.08	59.49 -4.16 -8.57	68.69 -5.61 -3.11	51.84 -5.04 -5.12	93.56 -11.03 0.56	90.14 -10.45 0.00	58.51 -6.00 -0.17	46.87 -3.81 -0.39
NINE_MILE_1 23575	58.48 -2.25 0.00	77.74 -3.10 0.00	66.70 -2.81 0.00	69.94 -2.88 0.00	74.87 -3.10 0.00	51.03 -2.05 -0.19	87.44 -3.84 0.00	61.98 -2.66 0.00	50.83 -2.16 0.00	49.86 -2.04 0.00	114.70 -4.87 0.00	135.10 -5.44 0.00	128.85 -5.14 0.00	113.30 -4.49 0.00	77.57 -2.96 -0.47	54.32 -1.88 -1.18	83.96 -2.87 -0.03	56.46 -1.69 -3.08	70.07 -2.24 -1.12	51.86 -1.75 -1.84	101.32 -3.83 0.00	96.88 -3.71 0.00	62.02 -2.37 -0.06	48.67 -1.76 -0.14
NINE_MILE_2 23744	58.48 -2.25 0.00	77.74 -3.10 0.00	66.70 -2.81 0.00	69.94 -2.88 0.00	74.87 -3.10 0.00	51.03 -2.05 -0.19	87.44 -3.84 0.00	61.98 -2.66 0.00	50.83 -2.15 0.00	49.86 -2.04 0.00	114.70 -4.87 0.00	135.10 -5.44 0.00	128.85 -5.14 0.00	113.30 -4.48 0.00	77.57 -2.96 -0.47	54.31 -1.88 -1.18	83.96 -2.87 -0.03	56.45 -1.69 -3.06	70.07 -2.24 -1.11	51.85 -1.75 -1.83	101.32 -3.83 0.00	96.88 -3.71 0.00	62.02 -2.37 -0.06	48.67 -1.76 -0.14
NM_CAPITAL__DRP 24208	63.47 2.75 0.00	84.20 3.35 0.00	72.21 2.71 0.00	75.95 3.13 0.00	81.27 3.30 0.00	59.47 2.38 -4.20	100.27 4.00 -4.99	173.44 3.15 -105.66	93.57 2.53 -38.05	54.59 2.70 0.00	490.68 6.51 -364.61	148.28 7.73 0.00	162.36 7.18 -21.20	124.21 6.37 -0.06	103.79 4.22 -19.52	126.19 2.59 -68.58	91.24 3.82 -0.62	124.59 2.49 -67.03	98.80 3.24 -24.36	94.13 2.38 -39.99	109.91 4.76 0.00	105.19 4.60 0.00	68.62 2.95 -1.34	55.79 2.47 -3.05

NM_CENTRAL___DRP 24181	59.71 -1.02 0.00	79.31 -1.53 0.00	67.98 -1.52 0.00	71.32 -1.50 0.00	76.42 -1.55 0.00	52.26 -0.95 -0.31	89.38 -1.90 0.00	63.43 -1.21 0.00	52.05 -0.93 0.00	51.11 -0.78 0.00	117.49 -2.08 0.00	138.64 -1.90 0.00	132.26 -1.73 0.00	116.27 -1.51 0.00	80.00 -0.84 -0.78	56.64 -0.34 -1.97	86.49 -0.36 -0.05	60.14 -0.05 -5.12	72.88 -0.17 -1.86	54.47 -0.34 -3.05	104.07 -1.09 0.00	99.45 -1.14 0.00	63.65 -0.79 -0.10	50.01 -0.51 -0.23
NM_FRONTIER___DRP 24179	50.49 -6.27 3.97	64.38 -8.37 8.09	60.31 -7.70 1.49	58.47 -7.83 6.51	67.42 -8.65 1.90	46.74 -5.80 0.35	75.06 -10.86 5.35	53.56 -7.51 3.56	44.91 -6.31 1.77	41.74 -5.84 4.31	86.53 -14.70 18.34	109.55 -16.49 14.51	108.05 -15.97 9.96	103.26 -14.04 0.48	71.49 -9.22 -0.66	54.19 -5.94 -5.11	78.44 -8.44 -0.08	58.89 -4.78 -8.60	67.95 -6.36 -3.13	51.24 -5.65 -5.13	92.45 -12.12 0.58	89.03 -11.56 0.00	57.85 -6.66 -0.17	46.40 -4.28 -0.39
NM_ST_REGIS___HYD 24053	60.46 -0.27 0.00	81.00 0.16 0.00	69.88 0.38 0.00	72.79 -0.03 0.00	77.67 -0.30 0.00	51.79 -1.10 0.00	88.68 -2.59 0.00	63.24 -1.39 0.00	51.77 -1.22 0.00	50.20 -1.69 0.00	117.40 -2.18 0.00	135.95 -4.59 0.00	129.24 -4.75 0.00	114.27 -3.50 0.00	77.46 -2.60 0.00	52.42 -2.60 0.00	83.01 -3.79 0.00	52.46 -2.62 0.00	68.12 -3.07 0.00	49.84 -1.92 0.00	102.01 -3.14 0.00	98.64 -1.96 0.00	63.59 -0.74 0.00	49.66 -0.62 0.00
NORTHPORT___1 23551	72.42 5.71 -5.98	87.75 6.90 -0.02	74.92 5.42 0.00	78.54 5.72 0.00	84.22 6.25 0.00	60.96 4.73 -3.33	150.22 8.16 -50.79	188.71 5.88 -118.20	63.63 4.62 -6.03	59.49 4.74 -2.85	209.71 11.54 -78.60	175.89 14.81 -20.54	156.23 13.50 -8.74	139.83 12.22 -9.83	110.74 8.47 -22.21	110.09 5.84 -49.23	108.11 9.37 -11.94	121.22 5.98 -60.16	106.00 7.74 -27.07	100.11 5.54 -42.81	122.56 10.49 -6.91	120.22 10.26 -9.37	71.79 6.36 -1.10	57.44 4.66 -2.49
NORTHPORT___2 23552	72.42 5.71 -5.98	87.75 6.90 -0.02	74.92 5.42 0.00	78.54 5.72 0.00	84.22 6.25 0.00	60.96 4.73 -3.33	150.22 8.16 -50.79	188.71 5.88 -118.20	63.63 4.62 -6.03	59.49 4.74 -2.85	209.71 11.54 -78.60	175.89 14.81 -20.54	156.23 13.50 -8.74	139.83 12.22 -9.83	110.74 8.47 -22.21	110.09 5.84 -49.23	108.11 9.37 -11.94	121.22 5.98 -60.16	106.00 7.74 -27.07	100.11 5.54 -42.81	122.56 10.49 -6.91	120.22 10.26 -9.37	71.79 6.36 -1.10	57.44 4.66 -2.49
NORTHPORT___3 23553	71.44 4.77 -5.95	86.49 5.63 -0.02	73.89 4.38 0.00	77.49 4.67 0.00	83.07 5.10 0.00	60.16 3.94 -3.33	148.59 6.52 -50.79	187.60 4.77 -118.20	62.82 3.81 -6.03	59.31 4.58 -2.84	209.81 11.78 -78.47	175.90 15.00 -20.35	156.52 13.95 -8.58	139.47 12.15 -9.54	110.35 8.41 -21.88	109.34 5.68 -48.64	107.39 9.02 -11.58	120.74 5.78 -59.88	105.45 7.49 -26.77	99.59 5.33 -42.50	121.70 9.40 -6.61	119.08 9.40 -9.09	71.29 5.86 -1.10	57.27 4.50 -2.49
NORTHPORT___4 23650	71.44 4.77 -5.95	86.49 5.63 -0.02	73.89 4.38 0.00	77.49 4.67 0.00	83.07 5.10 0.00	60.16 3.94 -3.33	148.59 6.52 -50.79	187.60 4.77 -118.20	62.82 3.81 -6.03	59.31 4.58 -2.84	209.81 11.78 -78.47	175.90 15.00 -20.35	156.52 13.95 -8.58	139.47 12.15 -9.54	110.35 8.41 -21.88	109.34 5.68 -48.64	107.39 9.02 -11.58	120.74 5.78 -59.88	105.45 7.49 -26.77	99.59 5.33 -42.50	121.70 9.40 -6.61	119.08 9.40 -9.09	71.29 5.86 -1.10	57.27 4.50 -2.49
NORTHPORT___IC 23718	72.64 5.93 -5.98	87.82 6.96 -0.02	74.92 5.42 0.00	78.54 5.73 0.00	84.23 6.25 0.00	60.95 4.73 -3.33	150.23 8.16 -50.79	188.71 5.87 -118.20	63.63 4.62 -6.03	59.48 4.73 -2.85	209.77 11.61 -78.60	175.91 14.83 -20.54	156.20 13.47 -8.74	139.83 12.22 -9.83	110.74 8.48 -22.21	110.09 5.85 -49.23	108.11 9.36 -11.94	121.21 5.96 -60.16	105.98 7.72 -27.07	100.11 5.54 -42.81	122.54 10.48 -6.91	120.22 10.26 -9.37	71.78 6.35 -1.10	57.43 4.66 -2.49
NORTH___COUNTRY_ESR 323785	60.13 -0.60 0.00	80.42 -0.42 0.00	69.24 -0.26 0.00	72.23 -0.59 0.00	77.34 -0.64 0.00	51.54 -1.35 0.00	88.78 -2.50 0.00	62.86 -1.78 0.00	51.54 -1.45 0.00	50.33 -1.57 0.00	116.77 -2.80 0.00	136.60 -3.94 0.00	129.35 -4.63 0.00	113.82 -3.96 0.00	77.27 -2.78 0.00	53.03 -1.99 0.00	83.46 -3.34 0.00	52.98 -2.10 0.00	68.73 -2.46 0.00	50.32 -1.45 0.00	102.84 -2.32 0.00	98.33 -2.26 0.00	63.12 -1.22 0.00	49.14 -1.14 0.00
NPX_GEN_1385_PROXY 323591	73.82 7.11 -5.98	107.90 9.18 -17.88	94.61 7.36 -17.74	95.12 7.78 -14.52	105.98 8.43 -19.58	294.74 6.22 -235.63	301.23 10.68 -199.28	239.72 6.77 -168.32	63.85 4.84 -6.03	59.55 4.80 -2.85	210.03 11.87 -78.60	176.78 15.70 -20.54	155.59 12.87 -8.74	140.52 12.90 -9.83	110.73 8.47 -22.21	110.10 5.85 -49.23	108.29 9.54 -11.94	121.41 6.17 -60.16	106.39 8.13 -27.07	100.29 5.72 -42.81	122.35 10.29 -6.91	121.50 11.55 -9.37	72.67 7.23 -1.10	56.43 5.04 -1.11
NPX_GEN_CSC 323557	73.29 6.63 -5.93	88.69 7.84 -0.02	75.60 6.09 0.00	79.06 6.25 0.00	84.65 6.68 0.00	39.66 5.05 18.28	150.83 8.77 -50.79	189.32 6.48 -118.20	64.14 5.12 -6.03	60.17 5.35 -2.93	211.31 12.43 -79.31	178.11 16.03 -21.53	159.03 15.46 -9.59	142.74 13.54 -11.42	113.58 9.53 -24.00	114.01 6.57 -52.42	111.34 10.63 -13.91	123.49 6.71 -61.70	108.47 8.58 -28.70	102.33 6.12 -44.44	125.21 11.50 -8.55	122.36 10.87 -10.89	72.29 6.86 -1.10	56.67 5.27 -1.11
NSINS_S___GLNS_FALLS 23858	63.59 2.87 0.00	84.34 3.49 0.00	72.24 2.73 0.00	75.99 3.17 0.00	81.39 3.42 0.00	59.71 2.49 -4.33	103.46 4.53 -7.65	230.23 3.72 -161.88	114.32 3.05 -58.29	54.95 3.06 0.00	685.02 6.91 -558.54	148.92 8.38 0.00	175.23 10.29 -30.95	127.37 9.53 -0.06	110.66 6.94 -23.66	147.67 4.79 -87.86	95.25 7.81 -0.64	129.28 5.12 -69.08	102.65 6.35 -25.11	97.41 4.43 -41.22	113.69 8.54 0.00	108.62 8.03 0.00	70.71 5.00 -1.38	57.32 3.89 -3.14
NUCOR_STEEL___DRP 24197	62.80 0.08 -1.99	84.09 0.19 -3.05	69.96 -0.34 -0.80	76.35 0.04 -3.49	79.15 0.16 -1.02	54.07 0.28 -0.90	93.22 0.20 -1.74	65.44 0.41 -0.39	53.42 0.43 0.00	52.47 0.57 0.00	123.23 0.40 -3.26	142.16 1.62 0.00	135.70 1.20 -0.51	118.69 0.91 -0.01	82.65 1.17 -1.43	60.37 1.24 -4.11	89.19 2.32 -0.06	63.58 1.56 -6.94	75.54 1.83 -2.52	56.85 0.94 -4.14	106.88 1.73 0.00	102.20 1.61 0.00	65.18 0.70 -0.14	51.30 0.71 -0.32
NUMBER_THREE_WT_PWR 323818	59.30 -1.43 0.00	78.94 -1.90 0.00	67.74 -1.77 0.00	71.07 -1.74 0.00	75.88 -2.10 0.00	51.38 -1.63 -0.12	88.24 -3.04 0.00	62.82 -1.81 0.00	51.66 -1.33 0.00	50.68 -1.22 0.00	117.41 -2.16 0.00	137.73 -2.82 0.00	131.27 -2.72 0.00	115.98 -1.80 0.00	79.54 -0.81 -0.30	55.40 -0.36 -0.74	87.89 1.07 -0.02	58.13 1.13 -1.92	73.45 1.56 -0.70	53.85 0.94 -1.15	106.92 1.77 0.00	102.76 2.17 0.00	65.03 0.65 -0.04	50.47 0.10 -0.09
NYISO_LBMP_REFERENCE 24008	60.73 0.00 0.00	80.84 0.00 0.00	69.50 0.00 0.00	72.82 0.00 0.00	77.97 0.00 0.00	52.89 0.00 0.00	91.28 0.00 0.00	64.64 0.00 0.00	52.99 0.00 0.00	51.90 0.00 0.00	119.57 0.00 0.00	140.54 0.00 0.00	133.99 0.00 0.00	117.78 0.00 0.00	80.06 0.00 0.00	55.02 0.00 0.00	86.80 0.00 0.00	55.08 0.00 0.00	71.19 0.00 0.00	51.77 0.00 0.00	105.15 0.00 0.00	100.59 0.00 0.00	64.34 0.00 0.00	50.28 0.00 0.00

NYPA_BRENTWD____GT 24164	72.58 5.98 -5.87	88.02 7.16 -0.02	75.14 5.64 0.00	78.82 6.00 0.00	84.68 6.71 0.00	61.27 5.05 -3.33	150.78 8.72 -50.79	189.25 6.41 -118.20	64.13 5.12 -6.03	60.25 5.33 -3.03	212.68 12.93 -80.17	179.74 16.47 -22.72	159.98 15.38 -10.61	144.75 13.63 -13.34	115.73 9.52 -26.15	117.87 6.59 -56.26	113.63 10.54 -16.29	125.34 6.72 -63.55	110.48 8.63 -30.66	104.35 6.16 -46.42	127.36 11.66 -10.55	124.51 11.19 -12.73	72.37 6.93 -1.10	57.96 5.19 -2.49
NYPA_GOWANUS____GT5 24156	144.24 4.32 -79.19	85.64 4.80 0.00	73.33 3.82 0.00	76.93 4.11 0.00	82.42 4.45 0.00	61.32 3.57 -4.86	100.27 6.24 -2.76	85.89 4.50 -16.75	65.99 3.89 -9.12	71.56 4.28 -15.39	187.30 10.00 -57.73	328.40 13.01 -174.84	369.83 12.24 -223.61	369.26 10.55 -240.93	363.57 7.57 -275.94	353.30 5.24 -293.05	325.91 8.25 -230.86	121.40 5.24 -61.09	119.41 6.89 -41.32	118.72 4.94 -62.02	114.08 8.93 0.00	108.96 8.37 0.00	74.44 5.31 -4.80	79.05 4.12 -24.65
NYPA_GOWANUS____GT6 24157	144.24 4.32 -79.19	85.64 4.80 0.00	73.33 3.82 0.00	76.93 4.11 0.00	82.42 4.45 0.00	61.32 3.57 -4.86	100.27 6.24 -2.76	85.89 4.50 -16.75	65.99 3.89 -9.12	71.56 4.28 -15.39	187.30 10.00 -57.73	328.40 13.01 -174.84	369.83 12.24 -223.61	369.26 10.55 -240.93	363.57 7.57 -275.94	353.30 5.24 -293.05	325.91 8.25 -230.86	121.40 5.24 -61.09	119.41 6.89 -41.32	118.72 4.94 -62.02	114.08 8.93 0.00	108.96 8.37 0.00	74.44 5.31 -4.80	79.05 4.12 -24.65
NYPA_HARLEM__RVR__GT1 24160	64.53 3.80 0.00	85.21 4.37 0.00	72.98 3.48 0.00	76.71 3.89 0.00	82.11 4.14 0.00	59.50 3.28 -3.33	97.74 5.67 -0.79	85.51 4.13 -16.75	62.57 3.56 -6.03	55.75 3.85 0.00	186.75 9.44 -57.73	152.59 12.04 0.00	150.58 11.30 -5.30	127.62 9.79 -0.05	98.40 7.12 -11.23	92.97 4.78 -33.17	94.84 7.53 -0.51	114.74 4.84 -54.83	97.43 6.31 -19.93	88.94 4.46 -32.71	113.29 8.14 0.00	108.24 7.65 0.00	70.26 4.83 -1.09	56.45 3.68 -2.49
NYPA_HARLEM__RVR__GT2 24161	64.53 3.80 0.00	85.21 4.37 0.00	72.98 3.48 0.00	76.71 3.89 0.00	82.11 4.14 0.00	59.50 3.28 -3.33	97.74 5.67 -0.79	85.51 4.13 -16.75	62.57 3.56 -6.03	55.75 3.85 0.00	186.75 9.44 -57.73	152.59 12.04 0.00	150.58 11.30 -5.30	127.62 9.79 -0.05	98.40 7.12 -11.23	92.97 4.78 -33.17	94.84 7.53 -0.51	114.74 4.84 -54.83	97.43 6.31 -19.93	88.94 4.46 -32.71	113.29 8.14 0.00	108.24 7.65 0.00	70.26 4.83 -1.09	56.45 3.68 -2.49
NYPA_KENT____GT 24152	112.57 4.15 -47.70	85.47 4.63 0.00	73.19 3.68 0.00	76.81 4.00 0.00	82.34 4.36 0.00	60.63 3.49 -4.25	99.34 6.09 -1.98	85.77 4.38 -16.75	64.65 3.78 -7.89	65.32 4.15 -9.27	187.17 9.87 -57.73	258.62 12.76 -105.32	282.77 11.98 -136.80	273.25 10.32 -145.15	258.11 7.37 -170.69	249.80 5.07 -189.71	234.06 7.99 -139.27	118.77 5.10 -58.60	110.68 6.68 -32.81	106.88 4.75 -50.36	113.77 8.62 0.00	108.71 8.12 0.00	72.72 5.12 -3.27	69.71 3.94 -15.49
NYPA_POUCH1____GT 24155	144.15 4.23 -79.19	85.46 4.62 0.00	73.15 3.65 0.00	76.70 3.88 0.00	82.15 4.17 0.00	61.18 3.43 -4.86	100.03 6.00 -2.76	85.70 4.31 -16.75	65.83 3.73 -9.12	71.43 4.15 -15.39	186.74 9.44 -57.73	327.90 12.52 -174.84	369.33 11.73 -223.61	368.83 10.12 -240.93	363.35 7.35 -275.94	353.14 5.08 -293.05	325.65 7.99 -230.86	121.22 5.06 -61.09	119.23 6.72 -41.32	118.61 4.82 -62.02	113.76 8.61 0.00	108.70 8.11 0.00	74.30 5.16 -4.80	79.00 4.07 -24.65
NYPA_VERNON____GT2 24162	80.97 4.02 -16.21	85.37 4.53 0.00	73.11 3.61 0.00	76.73 3.91 0.00	82.24 4.27 0.00	59.93 3.39 -3.64	98.40 5.93 -1.19	85.66 4.27 -16.75	63.34 3.70 -6.66	59.08 4.03 -3.15	187.04 9.74 -57.73	188.84 12.50 -35.80	195.71 11.72 -49.99	177.28 10.13 -49.37	152.71 7.22 -65.43	146.36 4.96 -86.37	142.30 7.83 -47.67	116.19 5.00 -56.11	102.02 6.52 -24.31	95.11 4.64 -38.71	113.59 8.44 0.00	108.53 7.94 0.00	71.08 5.01 -1.73	60.43 3.83 -6.32
NYPA_VERNON____GT3 24163	80.97 4.02 -16.21	85.37 4.53 0.00	73.11 3.61 0.00	76.73 3.91 0.00	82.24 4.27 0.00	59.93 3.39 -3.64	98.40 5.93 -1.19	85.66 4.27 -16.75	63.34 3.70 -6.66	59.08 4.03 -3.15	187.04 9.74 -57.73	188.84 12.50 -35.80	195.71 11.72 -49.99	177.28 10.13 -49.37	152.71 7.22 -65.43	146.36 4.96 -86.37	142.30 7.83 -47.67	116.19 5.00 -56.11	102.02 6.52 -24.31	95.11 4.64 -38.71	113.59 8.44 0.00	108.53 7.94 0.00	71.08 5.01 -1.73	60.43 3.83 -6.32
NYPA__ASTORIA_CC1 323568	64.67 3.94 0.00	85.27 4.43 0.00	73.02 3.51 0.00	76.65 3.83 0.00	82.13 4.16 0.00	59.53 3.31 -3.33	97.83 5.77 -0.79	85.57 4.18 -16.75	62.62 3.61 -6.03	55.85 3.95 0.00	186.85 9.54 -57.73	152.86 12.31 0.00	150.81 11.53 -5.30	127.80 9.97 -0.05	98.41 7.13 -11.23	93.08 4.89 -33.17	95.05 7.74 -0.51	114.84 4.93 -54.83	97.57 6.44 -19.93	89.03 4.56 -32.71	113.46 8.31 0.00	108.38 7.79 0.00	70.32 4.89 -1.09	56.51 3.73 -2.49
NYPA__ASTORIA_CC2 323569	64.67 3.94 0.00	85.27 4.43 0.00	73.02 3.51 0.00	76.65 3.83 0.00	82.13 4.16 0.00	59.53 3.31 -3.33	97.83 5.77 -0.79	85.57 4.18 -16.75	62.62 3.61 -6.03	55.85 3.95 0.00	186.85 9.54 -57.73	152.86 12.31 0.00	150.81 11.53 -5.30	127.80 9.97 -0.05	98.41 7.13 -11.23	93.08 4.89 -33.17	95.05 7.74 -0.51	114.84 4.93 -54.83	97.57 6.44 -19.93	89.03 4.56 -32.71	113.46 8.31 0.00	108.38 7.79 0.00	70.32 4.89 -1.09	56.51 3.73 -2.49
NYPA__HOLTSVILL 23794	72.54 5.87 -5.94	87.86 7.00 -0.02	74.98 5.48 0.00	78.53 5.71 0.00	84.17 6.20 0.00	60.92 4.70 -3.33	150.21 8.14 -50.79	188.84 6.00 -118.20	63.75 4.74 -6.03	59.75 4.93 -2.92	210.61 11.80 -79.24	177.01 15.03 -21.43	157.69 14.21 -9.50	141.57 12.53 -11.26	112.69 8.82 -23.81	113.18 6.07 -52.09	110.25 9.75 -13.71	122.76 6.14 -61.54	107.62 7.90 -28.53	101.70 5.66 -44.27	124.16 10.62 -8.39	121.47 10.14 -10.73	71.81 6.38 -1.10	57.59 4.82 -2.49
NYPA__HELLGATE_GT1 24158	64.53 3.80 0.00	85.21 4.37 0.00	72.98 3.48 0.00	76.71 3.89 0.00	82.11 4.14 0.00	59.50 3.28 -3.33	97.74 5.67 -0.79	85.51 4.13 -16.75	62.57 3.56 -6.03	55.75 3.85 0.00	186.75 9.44 -57.73	152.59 12.04 0.00	150.58 11.30 -5.30	127.62 9.79 -0.05	98.40 7.12 -11.23	92.97 4.78 -33.17	94.84 7.53 -0.51	114.74 4.84 -54.83	97.43 6.31 -19.93	88.94 4.46 -32.71	113.29 8.14 0.00	108.24 7.65 0.00	70.26 4.83 -1.09	56.45 3.68 -2.49
NYPA__HELLGATE_GT2 24159	64.53 3.80 0.00	85.21 4.37 0.00	72.98 3.48 0.00	76.71 3.89 0.00	82.11 4.14 0.00	59.50 3.28 -3.33	97.74 5.67 -0.79	85.51 4.13 -16.75	62.57 3.56 -6.03	55.75 3.85 0.00	186.75 9.44 -57.73	152.59 12.04 0.00	150.58 11.30 -5.30	127.62 9.79 -0.05	98.40 7.12 -11.23	92.97 4.78 -33.17	94.84 7.53 -0.51	114.74 4.84 -54.83	97.43 6.31 -19.93	88.94 4.46 -32.71	113.29 8.14 0.00	108.24 7.65 0.00	70.26 4.83 -1.09	56.45 3.68 -2.49
NYS_BARGE__HYD 23848	51.71 -5.19 3.82	66.08 -7.04 7.72	61.52 -6.55 1.43	59.95 -6.60 6.27	68.84 -7.31 1.83	47.70 -4.86 0.33	76.99 -9.20 5.08	54.99 -6.31 3.33	46.03 -5.32 1.64	43.10 -4.80 4.00	90.21 -12.11 17.26	114.09 -12.97 13.48	111.94 -12.81 9.23	105.49 -11.85 0.44	73.11 -7.64 -0.69	55.18 -4.81 -4.98	80.22 -6.66 -0.08	59.86 -3.60 -8.39	69.36 -4.88 -3.05	52.18 -4.59 -5.00	94.72 -9.90 0.54	90.91 -9.68 0.00	58.84 -5.66 -0.17	46.98 -3.68 -0.38

OAK ORCHARD___HYD 24046	55.52 -2.64 2.57	73.15 -3.75 3.94	65.01 -3.53 0.96	65.03 -3.57 4.21	72.84 -3.90 1.23	50.23 -2.51 0.14	84.21 -4.92 2.15	60.94 -3.19 0.51	50.36 -2.62 0.00	49.49 -2.41 0.00	109.15 -6.21 4.20	134.16 -6.39 0.00	128.22 -6.27 -0.50	112.28 -5.50 -0.01	78.00 -3.47 -1.42	57.13 -1.95 -4.06	84.31 -2.56 -0.06	60.86 -1.12 -6.90	72.05 -1.65 -2.51	54.03 -1.85 -4.12	100.69 -4.46 0.00	96.31 -4.28 0.00	62.01 -2.46 -0.14	49.15 -1.44 -0.31
OAKDALE___35_KV_LOAD 356122	57.05 -0.77 2.91	75.11 -1.27 4.46	67.55 -1.29 0.66	68.70 -1.20 2.92	75.94 -1.18 0.85	52.95 -0.65 -0.71	88.57 -1.24 1.46	70.39 -0.76 -6.51	55.01 -0.52 -2.55	51.67 -0.23 0.00	138.27 -0.99 -19.69	140.22 -0.33 0.00	135.97 -0.08 -2.06	117.64 -0.16 -0.02	84.14 0.26 -3.82	67.01 0.45 -11.54	87.87 0.90 -0.17	73.76 0.74 -17.94	78.60 0.89 -6.52	62.85 0.38 -10.70	105.48 0.32 0.00	100.83 0.24 0.00	64.80 0.11 -0.36	51.31 0.21 -0.82
OCC_CHEM___DRP 24175	50.56 -6.18 3.99	64.44 -8.27 8.12	60.40 -7.61 1.49	58.55 -7.74 6.53	67.53 -8.54 1.90	46.82 -5.71 0.35	75.15 -10.75 5.37	53.63 -7.43 3.58	44.98 -6.22 1.78	41.78 -5.78 4.33	86.59 -14.55 18.44	109.69 -16.25 14.60	108.20 -15.76 10.03	103.47 -13.83 0.48	71.60 -9.12 -0.65	54.29 -5.84 -5.11	78.58 -8.30 -0.08	59.01 -4.68 -8.61	68.08 -6.24 -3.13	51.34 -5.56 -5.14	92.61 -11.95 0.59	89.22 -11.38 0.00	57.95 -6.56 -0.17	46.50 -4.18 -0.39
OH_GEN_PROXY 24063	51.18 -5.69 3.85	65.46 -7.77 7.62	61.00 -7.06 1.44	59.31 -7.20 6.31	68.24 -7.89 1.84	25.71 -5.25 21.94	76.40 -9.92 4.95	54.72 -6.78 3.13	45.81 -5.66 1.51	42.86 -5.36 3.68	89.82 -13.33 16.42	113.70 -14.46 12.39	111.59 -13.98 8.42	105.02 -12.35 0.41	72.74 -8.13 -0.81	55.00 -5.08 -5.07	79.61 -7.27 -0.08	59.60 -4.01 -8.54	68.87 -5.42 -3.10	51.97 -4.88 -5.09	93.96 -10.70 0.50	90.47 -10.12 0.00	58.69 -5.82 -0.17	45.58 -3.70 0.99
OLIN_CORP_DRP 24177	50.65 -6.01 4.07	64.50 -8.05 8.29	60.57 -7.41 1.53	58.61 -7.54 6.67	67.71 -8.32 1.94	46.98 -5.54 0.37	75.28 -10.51 5.48	53.63 -7.35 3.66	44.99 -6.18 1.81	41.87 -5.60 4.43	86.71 -14.04 18.82	110.41 -15.23 14.91	108.79 -14.95 10.24	103.46 -13.83 0.49	71.68 -9.02 -0.65	54.34 -5.84 -5.16	78.63 -8.25 -0.08	59.11 -4.66 -8.69	68.14 -6.21 -3.16	51.38 -5.58 -5.19	92.83 -11.73 0.60	89.21 -11.38 0.00	57.93 -6.58 -0.17	46.40 -4.28 -0.40
OLIN_CORP_DSASP 323712	50.55 -6.19 3.99	64.46 -8.26 8.12	60.34 -7.67 1.49	58.56 -7.72 6.53	67.52 -8.55 1.90	46.81 -5.73 0.35	75.21 -10.69 5.37	53.67 -7.39 3.58	45.01 -6.20 1.78	41.80 -5.76 4.33	86.79 -14.34 18.44	109.87 -16.08 14.60	108.31 -15.65 10.03	103.46 -13.83 0.48	71.63 -9.08 -0.65	54.33 -5.80 -5.11	78.59 -8.29 -0.08	59.02 -4.67 -8.61	68.10 -6.22 -3.13	51.36 -5.54 -5.14	92.61 -11.96 0.59	89.22 -11.38 0.00	57.95 -6.56 -0.17	46.49 -4.18 -0.39
ONEIDA_HERK_LFGE 323681	61.20 0.47 0.00	81.43 0.59 0.00	69.89 0.39 0.00	73.31 0.49 0.00	78.45 0.48 0.00	53.33 0.34 -0.10	91.79 0.52 0.00	65.18 0.54 0.00	53.55 0.56 0.00	52.56 0.66 0.00	121.34 1.77 0.00	142.66 2.11 0.00	136.05 2.07 0.00	119.84 2.06 0.00	81.87 1.55 -0.26	56.94 1.27 -0.65	89.56 2.75 -0.02	58.69 1.92 -1.69	74.28 2.47 -0.61	54.40 1.62 -1.01	108.22 3.06 0.00	103.67 3.08 0.00	65.93 1.56 -0.03	51.37 1.01 -0.08
ONEIDA___115KV_TB4 55905	61.92 1.20 0.00	82.43 1.59 0.00	70.73 1.23 0.00	74.19 1.37 0.00	79.54 1.57 0.00	54.30 1.20 -0.20	93.31 2.03 0.00	66.24 1.60 0.00	54.38 1.40 0.00	53.39 1.50 0.00	123.01 3.44 0.00	144.92 4.38 0.00	138.37 4.38 0.00	121.60 3.81 0.00	83.32 2.76 -0.50	58.42 2.14 -1.27	90.51 3.68 -0.03	60.65 2.28 -3.29	75.22 2.83 -1.19	55.57 1.84 -1.96	108.61 3.45 0.00	103.77 3.18 0.00	66.22 1.81 -0.06	51.79 1.36 -0.15
ONONDAGA_REF_OCCRA 23987	61.62 -0.52 -1.41	82.14 -0.87 -2.17	69.10 -0.96 -0.56	74.36 -0.90 -2.44	77.76 -0.92 -0.71	53.11 -0.50 -0.72	91.41 -1.09 -1.23	64.30 -0.62 -0.28	52.55 -0.43 0.00	51.61 -0.29 0.00	120.96 -0.93 -2.32	140.03 -0.51 0.00	133.61 -0.38 0.00	117.43 -0.36 -0.01	80.99 -0.04 -0.97	57.68 0.22 -2.44	87.41 0.55 -0.06	61.95 0.54 -6.33	74.08 0.59 -2.30	55.75 0.21 -3.78	105.17 0.01 0.00	100.47 -0.12 0.00	64.31 -0.15 -0.13	50.56 -0.02 -0.29
ONONDAGA___COGEN 23986	60.48 -0.25 0.00	80.37 -0.47 0.00	68.80 -0.71 0.00	72.26 -0.56 0.00	77.43 -0.54 0.00	53.01 -0.24 -0.35	90.62 -0.66 0.00	64.36 -0.28 0.00	52.84 -0.15 0.00	51.88 -0.02 0.00	119.12 -0.45 0.00	140.69 0.15 0.00	134.14 0.16 0.00	117.88 0.09 0.00	81.28 0.34 -0.89	57.78 0.53 -2.22	87.94 1.08 -0.05	61.74 0.88 -5.78	74.28 0.99 -2.10	55.66 0.45 -3.45	105.69 0.54 0.00	100.99 0.40 0.00	64.57 0.12 -0.12	50.76 0.22 -0.26
ONTARIO___LFGE 23819	53.78 -1.37 5.58	71.48 -2.10 7.26	65.10 -2.27 2.13	61.22 -2.24 9.36	72.91 -2.33 2.73	50.80 -1.34 0.76	85.22 -2.66 3.40	63.95 -1.42 -0.73	53.26 -0.89 -1.17	54.13 -0.61 -2.85	115.90 -2.34 1.33	148.30 -1.83 -9.59	139.61 -2.00 -7.62	115.87 -2.24 -0.33	81.88 -0.61 -2.43	60.01 0.13 -4.86	87.61 0.74 -0.08	64.14 0.89 -8.17	75.09 0.93 -2.97	56.78 0.14 -4.88	105.27 -0.27 -0.39	100.12 -0.48 0.00	64.12 -0.38 -0.16	50.62 -0.03 -0.37
ORANGEVILLE_WT_PWR 323706	48.30 -6.33 6.10	54.49 -8.59 17.76	59.55 -7.65 2.30	55.03 -7.70 10.09	66.69 -8.34 2.94	46.65 -5.52 0.73	67.83 -9.92 13.53	48.68 -6.58 9.38	41.71 -5.09 6.18	29.08 -4.60 18.21	60.14 -11.72 47.72	66.63 -12.57 61.34	78.23 -11.99 43.76	105.07 -10.66 2.05	70.99 -6.49 2.58	57.75 -3.67 -6.40	81.90 -5.00 -0.10	63.03 -2.40 -10.36	71.42 -3.54 -3.76	54.40 -3.54 -6.18	94.97 -7.72 2.47	93.04 -7.56 0.00	60.00 -4.55 -0.21	47.91 -2.85 -0.47
ORANGEVILLE___ESR 323794	48.30 -6.33 6.10	54.49 -8.59 17.76	59.55 -7.65 2.30	55.03 -7.70 10.09	66.69 -8.34 2.94	46.65 -5.52 0.73	67.83 -9.92 13.53	48.68 -6.58 9.38	41.71 -5.09 6.18	29.08 -4.60 18.21	60.14 -11.72 47.72	66.63 -12.57 61.34	78.23 -11.99 43.76	105.07 -10.66 2.05	70.99 -6.49 2.58	57.75 -3.67 -6.40	81.90 -5.00 -0.10	63.03 -2.40 -10.36	71.42 -3.54 -3.76	54.40 -3.54 -6.18	94.97 -7.72 2.47	93.04 -7.56 0.00	60.00 -4.55 -0.21	47.91 -2.85 -0.47
OSWEGATCHIE___HYD 24044	59.59 -1.13 0.00	79.62 -1.23 0.00	68.52 -0.98 0.00	71.62 -1.20 0.00	76.41 -1.56 0.00	51.34 -1.64 -0.09	87.79 -3.48 0.00	62.58 -2.05 0.00	51.32 -1.66 0.00	49.99 -1.90 0.00	116.61 -2.96 0.00	135.95 -4.59 0.00	129.43 -4.56 0.00	114.22 -3.56 0.00	77.98 -2.29 -0.22	53.61 -1.95 -0.54	84.78 -2.03 -0.01	55.29 -1.20 -1.41	70.33 -1.37 -0.51	51.65 -0.96 -0.84	103.47 -1.68 0.00	99.88 -0.71 0.00	63.90 -0.46 -0.03	49.80 -0.54 -0.06
OSWEGO___5 23606	58.77 -1.95 0.00	78.14 -2.70 0.00	67.04 -2.46 0.00	70.30 -2.52 0.00	75.27 -2.70 0.00	51.30 -1.78 -0.19	87.92 -3.35 0.00	62.33 -2.31 0.00	51.11 -1.87 0.00	50.15 -1.74 0.00	115.37 -4.20 0.00	135.88 -4.66 0.00	129.58 -4.41 0.00	113.99 -3.79 0.00	78.03 -2.51 -0.48	54.64 -1.57 -1.19	84.45 -2.38 -0.03	56.81 -1.37 -3.10	70.49 -1.83 -1.13	52.16 -1.46 -1.85	101.91 -3.24 0.00	97.46 -3.13 0.00	62.40 -2.00 -0.06	48.95 -1.47 -0.14

OSWEGO___6 23613	58.77 -1.95 0.00	78.14 -2.70 0.00	67.04 -2.46 0.00	70.30 -2.52 0.00	75.27 -2.70 0.00	51.30 -1.78 -0.19	87.92 -3.35 0.00	62.33 -2.31 0.00	51.11 -1.87 0.00	50.15 -1.74 0.00	115.37 -4.20 0.00	135.88 -4.66 0.00	129.58 -4.41 0.00	113.99 -3.79 0.00	78.03 -2.51 -0.48	54.64 -1.57 -1.19	84.45 -2.38 -0.03	56.81 -1.37 -3.10	70.49 -1.83 -1.13	52.16 -1.46 -1.85	101.91 -3.24 0.00	97.46 -3.13 0.00	62.40 -2.00 -0.06	48.95 -1.47 -0.14
OUTOKUMPU-AB___DRP 24206	51.53 -5.06 4.14	65.46 -6.88 8.50	61.56 -6.39 1.55	59.60 -6.43 6.79	68.88 -7.12 1.98	47.83 -4.69 0.38	76.65 -8.97 5.65	54.76 -6.06 3.81	45.99 -5.09 1.91	42.66 -4.59 4.65	88.21 -11.81 19.55	112.19 -12.69 15.66	110.83 -12.36 10.79	106.22 -11.04 0.52	73.54 -7.12 -0.60	55.78 -4.45 -5.21	80.81 -6.07 -0.08	60.64 -3.20 -8.76	69.98 -4.39 -3.19	52.75 -4.24 -5.23	95.34 -9.19 0.63	91.70 -8.90 0.00	59.44 -5.07 -0.17	47.54 -3.14 -0.40
OXBOW___BTM 323836	51.16 -5.50 4.06	65.12 -7.41 8.32	61.06 -6.92 1.52	59.21 -6.95 6.66	68.33 -7.70 1.94	47.38 -5.14 0.37	76.12 -9.64 5.51	54.35 -6.59 3.70	45.62 -5.53 1.84	42.35 -5.05 4.49	87.82 -12.74 19.00	111.43 -13.98 15.14	109.92 -13.65 10.41	105.12 -12.16 0.50	72.76 -7.92 -0.63	55.18 -5.00 -5.16	79.91 -6.97 -0.08	59.96 -3.81 -8.69	69.22 -5.13 -3.16	52.20 -4.75 -5.18	94.22 -10.33 0.61	90.67 -9.92 0.00	58.83 -5.68 -0.17	47.11 -3.57 -0.39
OXBOW____ 24026	51.16 -5.50 4.06	65.10 -7.43 8.32	61.10 -6.88 1.52	59.18 -6.97 6.66	68.33 -7.70 1.94	47.41 -5.12 0.37	76.05 -9.71 5.51	54.31 -6.63 3.70	45.60 -5.55 1.84	42.32 -5.08 4.49	87.64 -12.93 19.00	111.24 -14.16 15.14	109.78 -13.79 10.41	105.10 -12.18 0.50	72.73 -7.96 -0.63	55.15 -5.03 -5.16	79.89 -6.99 -0.08	59.95 -3.81 -8.69	69.20 -5.15 -3.16	52.17 -4.78 -5.18	94.20 -10.35 0.61	90.67 -9.92 0.00	58.84 -5.68 -0.17	47.11 -3.57 -0.39
OXY_CHEM_DSASP 323612	50.56 -6.18 3.99	64.44 -8.27 8.12	60.40 -7.61 1.49	58.55 -7.74 6.53	67.53 -8.54 1.90	46.82 -5.71 0.35	75.15 -10.75 5.37	53.63 -7.43 3.58	44.98 -6.22 1.78	41.78 -5.78 4.33	86.59 -14.55 18.44	109.69 -16.25 14.60	108.20 -15.76 10.03	103.47 -13.83 0.48	71.60 -9.12 -0.65	54.29 -5.84 -5.11	78.58 -8.30 -0.08	59.01 -4.68 -8.61	68.08 -6.24 -3.13	51.34 -5.56 -5.14	92.61 -11.95 0.59	89.22 -11.38 0.00	57.95 -6.56 -0.17	46.50 -4.18 -0.39
OZONE_PARK_ESR 323760	65.16 4.43 0.00	85.92 5.08 0.00	73.55 4.04 0.00	77.17 4.35 0.00	82.73 4.76 0.00	59.94 3.72 -3.33	98.55 6.49 -0.79	86.03 4.64 -16.75	63.04 4.03 -6.03	56.25 4.36 0.00	187.88 10.58 -57.73	153.99 13.44 0.00	151.82 12.53 -5.30	128.70 10.87 -0.05	98.99 7.70 -11.23	93.52 5.34 -33.16	95.70 8.38 -0.51	115.30 5.40 -54.82	98.14 7.02 -19.93	89.45 4.98 -32.71	114.34 9.19 0.00	109.25 8.65 0.00	70.90 5.47 -1.09	56.92 4.14 -2.49
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	50.56 -6.18 3.99	64.44 -8.27 8.12	60.40 -7.61 1.49	58.55 -7.74 6.53	67.53 -8.54 1.90	46.82 -5.71 0.35	75.15 -10.75 5.37	53.63 -7.43 3.58	44.98 -6.22 1.78	41.78 -5.78 4.33	86.59 -14.55 18.44	109.69 -16.25 14.60	108.20 -15.76 10.03	103.47 -13.83 0.48	71.60 -9.12 -0.65	54.29 -5.84 -5.11	78.58 -8.30 -0.08	59.01 -4.68 -8.61	68.08 -6.24 -3.13	51.34 -5.56 -5.14	92.61 -11.95 0.59	89.22 -11.38 0.00	57.95 -6.56 -0.17	46.50 -4.18 -0.39
PACKARD__115KV_DUPONT_184 80571	50.56 -6.18 3.99	64.44 -8.27 8.12	60.40 -7.61 1.49	58.55 -7.74 6.53	67.53 -8.54 1.90	46.82 -5.71 0.35	75.15 -10.75 5.37	53.63 -7.43 3.58	44.98 -6.22 1.78	41.78 -5.78 4.33	86.59 -14.55 18.44	109.69 -16.25 14.60	108.20 -15.76 10.03	103.47 -13.83 0.48	71.60 -9.12 -0.65	54.29 -5.84 -5.11	78.58 -8.30 -0.08	59.01 -4.68 -8.61	68.08 -6.24 -3.13	51.34 -5.56 -5.14	92.61 -11.95 0.59	89.22 -11.38 0.00	57.95 -6.56 -0.17	46.50 -4.18 -0.39
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	64.56 3.83 0.00	85.22 4.38 0.00	73.00 3.50 0.00	76.69 3.87 0.00	82.12 4.14 0.00	59.51 3.29 -3.33	97.77 5.71 -0.79	85.51 4.12 -16.75	62.58 3.57 -6.03	55.76 3.87 0.00	186.81 9.51 -57.73	152.67 12.12 0.00	150.63 11.35 -5.30	127.60 9.77 -0.05	98.33 7.04 -11.23	92.96 4.78 -33.17	94.86 7.55 -0.51	114.74 4.83 -54.83	97.43 6.31 -19.93	88.94 4.47 -32.71	113.29 8.14 0.00	108.25 7.66 0.00	70.26 4.83 -1.09	56.46 3.68 -2.49
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	64.74 4.01 0.00	85.49 4.64 0.00	73.22 3.72 0.00	76.99 4.17 0.00	82.43 4.46 0.00	59.73 3.51 -3.33	98.16 6.10 -0.79	85.79 4.40 -16.75	62.74 3.73 -6.03	55.93 4.03 0.00	187.21 9.91 -57.73	153.23 12.68 0.00	151.18 11.90 -5.30	128.03 10.20 -0.05	98.63 7.34 -11.23	93.17 4.99 -33.17	95.19 7.88 -0.51	114.95 5.05 -54.83	97.64 6.52 -19.93	89.07 4.59 -32.71	113.50 8.35 0.00	108.50 7.91 0.00	70.39 4.96 -1.09	56.57 3.80 -2.49
PATROON__115KV_TB1 80586	63.52 2.79 0.00	84.27 3.43 0.00	72.27 2.77 0.00	76.01 3.19 0.00	81.35 3.38 0.00	59.56 2.44 -4.22	100.70 4.09 -5.33	180.55 3.06 -112.85	96.10 2.48 -40.64	54.54 2.64 0.00	515.32 6.34 -389.41	148.26 7.71 0.00	163.63 7.19 -22.45	124.20 6.36 -0.06	104.31 4.18 -20.07	128.79 2.65 -71.12	91.34 3.91 -0.63	125.07 2.56 -67.43	99.05 3.35 -24.51	94.41 2.42 -40.23	110.00 4.85 0.00	105.29 4.70 0.00	68.66 2.98 -1.34	55.86 2.51 -3.07
PATTRSNVILLE__SOLAR 323815	63.13 2.40 0.00	83.89 3.04 0.00	71.97 2.47 0.00	75.63 2.81 0.00	80.96 2.99 0.00	59.50 2.15 -4.45	102.98 3.67 -8.03	237.15 2.61 -169.91	116.23 2.07 -61.18	53.95 2.05 0.00	710.58 4.80 -586.20	146.44 5.89 0.00	172.28 5.99 -32.31	123.04 5.20 -0.07	108.41 3.87 -24.49	149.01 2.84 -91.15	92.08 4.62 -0.66	129.15 3.03 -71.04	100.85 3.84 -25.82	96.82 2.67 -42.39	110.25 5.09 0.00	105.44 4.85 0.00	68.81 3.06 -1.42	55.83 2.32 -3.23
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	51.07 -4.88 4.77	64.60 -6.67 9.57	61.54 -6.18 1.79	58.79 -6.22 7.81	68.83 -6.86 2.28	47.91 -4.52 0.47	76.66 -8.34 6.27	55.03 -5.54 4.07	46.40 -4.60 1.99	42.99 -4.07 4.84	87.82 -10.63 21.12	112.97 -11.26 16.32	112.20 -10.59 11.20	107.69 -9.55 0.54	74.67 -6.12 -0.73	56.98 -3.75 -5.71	81.93 -4.96 -0.09	61.98 -2.68 -9.58	71.02 -3.66 -3.48	53.81 -3.67 -5.72	96.71 -7.79 0.66	93.12 -7.47 0.00	60.26 -4.27 -0.19	48.07 -2.65 -0.44
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	65.18 4.45 0.00	86.07 5.23 0.00	73.71 4.21 0.00	77.40 4.58 0.00	83.00 5.02 0.00	60.09 3.84 -3.36	98.81 6.71 -0.82	86.84 4.86 -17.35	63.35 4.12 -6.24	56.31 4.41 0.00	190.01 10.65 -59.79	153.87 13.32 0.00	151.83 12.42 -5.42	128.53 10.70 -0.05	98.98 7.56 -11.37	93.87 5.23 -33.62	95.65 8.33 -0.52	115.82 5.39 -55.36	98.27 6.95 -20.12	89.68 4.89 -33.03	114.29 9.14 0.00	109.22 8.63 0.00	70.85 5.41 -1.10	56.91 4.11 -2.52
PEEKSKILL____ 23653	64.28 3.56 0.00	84.83 3.99 0.00	72.66 3.15 0.00	76.27 3.45 0.00	81.77 3.80 0.00	59.18 2.99 -3.29	97.29 5.23 -0.78	84.95 3.77 -16.55	62.19 3.25 -5.95	55.44 3.54 0.00	185.25 8.64 -57.03	151.52 10.97 0.00	149.38 10.15 -5.24	126.52 8.69 -0.05	97.36 6.19 -11.11	92.13 4.31 -32.80	94.13 6.83 -0.51	113.73 4.42 -54.23	96.60 5.70 -19.71	88.16 4.04 -32.35	112.55 7.40 0.00	107.57 6.97 0.00	69.79 4.37 -1.08	56.08 3.34 -2.47

PGE MADISON___WINDPWR 24146	69.20 1.37 -7.11	93.72 1.51 -11.37	73.29 0.89 -2.90	86.56 1.04 -12.71	82.95 1.27 -3.70	56.82 1.15 -2.78	100.72 2.19 -7.25	78.89 2.04 -12.21	59.00 1.95 -4.07	55.02 2.15 -0.97	174.22 5.22 -49.43	151.75 7.92 -3.28	148.02 8.99 -5.04	125.09 7.19 -0.13	89.89 5.60 -4.23	71.76 4.29 -12.44	94.67 7.71 -0.16	78.23 5.80 -17.35	85.05 7.55 -6.31	67.62 5.50 -10.35	116.29 11.01 -0.13	110.54 9.94 0.00	69.51 4.83 -0.35	54.67 3.60 -0.79
PIERCEFIELD___HYD 23852	60.17 -0.55 0.00	80.68 -0.16 0.00	69.66 0.15 0.00	72.54 -0.28 0.00	77.33 -0.64 0.00	51.60 -1.30 0.00	88.19 -3.08 0.00	62.98 -1.65 0.00	51.52 -1.46 0.00	49.86 -2.03 0.00	116.85 -2.72 0.00	135.01 -5.54 0.00	128.46 -5.53 0.00	113.72 -4.06 0.00	77.05 -3.00 0.00	51.96 -3.05 0.00	82.40 -4.40 0.00	51.97 -3.11 0.00	67.50 -3.69 0.00	49.38 -2.38 0.00	101.15 -4.01 0.00	98.12 -2.47 0.00	63.32 -1.01 0.00	49.51 -0.78 0.00
PINELAWN_CC_1 323563	71.85 5.54 -5.59	87.42 6.57 -0.02	74.66 5.15 0.00	78.29 5.47 0.00	83.96 5.99 0.00	60.76 4.54 -3.33	149.92 7.85 -50.79	188.70 5.87 -118.20	63.74 4.73 -6.03	60.50 5.04 -3.56	217.01 12.44 -84.99	185.83 15.88 -29.41	165.14 14.83 -16.32	154.96 13.11 -24.07	127.38 9.14 -38.18	139.10 6.31 -77.77	126.43 10.05 -29.58	135.44 6.44 -73.92	121.16 8.32 -41.65	115.16 5.91 -57.48	137.95 11.14 -21.66	134.15 10.56 -23.00	71.97 6.54 -1.10	57.65 4.88 -2.49
PJM_GEN_HTP_PROXY 323702	64.55 3.82 0.00	85.16 4.32 0.00	72.92 3.42 0.00	76.52 3.70 0.00	82.04 4.07 0.00	59.46 3.24 -3.33	97.70 5.63 -0.79	85.41 4.03 -16.75	62.51 3.50 -6.03	55.72 3.82 0.00	175.32 9.29 -46.46	152.40 11.86 0.00	150.34 11.06 -5.30	127.39 9.56 -0.05	95.23 6.78 -8.39	92.88 4.70 -33.16	94.71 7.40 -0.51	114.64 4.75 -54.82	97.29 6.18 -19.93	88.85 4.38 -32.71	113.17 8.02 0.00	108.14 7.54 0.00	70.20 4.77 -1.09	56.40 3.63 -2.49
PJM_GEN_KEystone 24065	35.99 -0.49 24.25	51.73 -1.18 27.94	36.44 -1.37 31.69	49.71 -1.25 21.86	75.48 -1.29 1.20	53.83 -0.57 -1.50	88.20 -1.08 1.99	73.47 -0.64 -9.48	56.05 -0.39 -3.45	51.05 -0.05 0.79	137.56 -0.41 -18.40	88.15 0.62 53.02	50.86 0.48 83.61	46.50 0.20 71.47	39.86 0.59 40.79	37.49 0.70 18.23	46.50 1.36 41.65	70.55 0.99 -14.49	45.35 1.19 27.04	52.17 0.50 0.09	61.85 0.31 43.62	41.19 0.31 59.72	34.93 0.30 29.70	36.63 0.42 14.07
PJM_GEN_NEPTUNE_PROXY 323594	66.82 4.56 -1.54	86.16 5.31 0.00	73.66 4.16 0.00	77.25 4.43 0.00	82.82 4.85 0.00	59.99 3.77 -3.33	126.15 6.50 -28.38	142.32 4.95 -72.74	63.02 4.01 -6.03	58.78 4.35 -2.54	194.87 10.82 -64.47	170.95 13.83 -16.57	152.16 12.82 -5.35	132.42 11.17 -3.48	100.18 7.89 -12.23	96.94 5.45 -36.47	99.48 8.62 -4.06	114.63 5.53 -54.02	98.90 7.16 -20.55	93.12 5.11 -36.25	114.99 9.52 -0.32	112.82 8.95 -3.28	70.95 5.53 -1.09	56.92 4.14 -2.49
PJM_GEN_VFT_PROXY 323633	64.12 3.40 0.00	84.54 3.70 0.00	72.39 2.89 0.00	75.94 3.12 0.00	81.41 3.44 0.00	59.09 2.87 -3.33	97.07 5.00 -0.79	84.94 3.56 -16.75	62.16 3.15 -6.03	55.35 3.45 0.00	172.48 8.39 -44.51	151.05 10.76 0.25	147.09 10.03 -3.07	124.60 8.70 1.88	94.70 6.25 -8.39	92.52 4.34 -33.16	94.12 6.80 -0.51	114.28 4.38 -54.82	96.81 5.69 -19.93	88.50 4.02 -32.71	112.40 7.25 0.00	107.41 6.81 0.00	69.78 4.35 -1.09	56.05 3.28 -2.49
PLATSBURG_115KV_PMLD1 355749	61.01 0.28 0.00	81.56 0.71 0.00	70.09 0.59 0.00	73.11 0.30 0.00	78.45 0.48 0.00	52.19 -0.70 0.00	89.70 -1.57 0.00	63.50 -1.14 0.00	52.08 -0.90 0.00	50.89 -1.01 0.00	117.87 -1.70 0.00	138.27 -2.28 0.00	130.89 -3.10 0.00	115.13 -2.65 0.00	78.28 -1.78 0.00	53.73 -1.29 0.00	84.72 -2.08 0.00	53.80 -1.27 0.00	69.65 -1.54 0.00	50.92 -0.84 0.00	103.90 -1.25 0.00	99.35 -1.24 0.00	63.80 -0.54 0.00	49.85 -0.43 0.00
PLEASANTVLY___LBMP 24000	64.22 3.49 0.00	84.84 4.00 0.00	72.69 3.19 0.00	76.35 3.53 0.00	81.85 3.87 0.00	59.37 3.01 -3.47	97.34 5.23 -0.84	86.11 3.75 -17.72	62.54 3.18 -6.38	55.35 3.46 0.00	189.00 8.36 -61.07	151.13 10.58 0.00	149.38 9.83 -5.56	126.22 8.39 -0.05	97.73 5.96 -11.72	93.77 4.12 -34.63	93.88 6.55 -0.53	116.40 4.23 -57.10	97.45 5.50 -20.75	89.71 3.88 -34.06	112.35 7.20 0.00	107.42 6.82 0.00	69.78 4.30 -1.14	56.17 3.30 -2.60
PLSNTVLE_13_KV_13.8KVDIST 80602	64.56 3.83 0.00	85.19 4.34 0.00	72.96 3.46 0.00	76.61 3.79 0.00	82.12 4.15 0.00	59.50 3.25 -3.35	97.71 5.64 -0.80	85.56 4.07 -16.86	62.54 3.49 -6.06	55.69 3.80 0.00	186.80 9.14 -58.09	152.19 11.65 0.00	150.13 10.81 -5.33	127.03 9.20 -0.05	97.94 6.58 -11.31	92.97 4.57 -33.39	94.55 7.24 -0.51	114.96 4.67 -55.21	97.31 6.05 -20.07	89.00 4.30 -32.94	113.09 7.94 0.00	108.05 7.45 0.00	70.14 4.71 -1.10	56.37 3.57 -2.51
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	64.56 3.83 0.00	85.19 4.34 0.00	72.96 3.46 0.00	76.61 3.79 0.00	82.12 4.15 0.00	59.50 3.25 -3.35	97.71 5.64 -0.80	85.56 4.07 -16.86	62.54 3.49 -6.06	55.69 3.80 0.00	186.80 9.14 -58.09	152.19 11.65 0.00	150.13 10.81 -5.33	127.03 9.20 -0.05	97.94 6.58 -11.31	92.97 4.57 -33.39	94.55 7.24 -0.51	114.96 4.67 -55.21	97.31 6.05 -20.07	89.00 4.30 -32.94	113.09 7.94 0.00	108.05 7.45 0.00	70.14 4.71 -1.10	56.37 3.57 -2.51
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	64.76 4.04 0.00	85.56 4.72 0.00	73.32 3.82 0.00	76.99 4.17 0.00	82.56 4.59 0.00	59.81 3.52 -3.40	98.35 6.13 -0.94	88.99 4.43 -19.92	63.91 3.75 -7.17	55.92 4.03 0.00	197.97 9.68 -68.73	152.78 12.23 0.00	151.27 11.39 -5.90	127.47 9.64 -0.05	98.63 6.92 -11.66	94.58 4.78 -34.78	94.96 7.64 -0.52	116.00 4.95 -55.97	97.98 6.44 -20.34	89.66 4.51 -33.39	113.62 8.46 0.00	108.56 7.97 0.00	70.46 5.01 -1.12	56.63 3.81 -2.55
POLETTI_____ 23519	64.37 3.64 0.00	84.95 4.11 0.00	72.74 3.24 0.00	76.31 3.49 0.00	81.81 3.84 0.00	59.32 3.09 -3.33	97.45 5.38 -0.79	85.14 3.75 -16.75	62.30 3.29 -6.03	55.52 3.63 0.00	186.21 8.91 -57.73	151.97 11.43 0.00	149.89 10.61 -5.30	127.02 9.19 -0.05	97.76 6.48 -11.23	92.66 4.48 -33.16	94.34 7.03 -0.51	114.48 4.58 -54.82	97.06 5.94 -19.93	88.69 4.21 -32.71	112.83 7.67 0.00	107.81 7.22 0.00	70.02 4.59 -1.09	56.30 3.52 -2.49
POMONA___ESR 323819	64.08 3.35 0.00	84.54 3.70 0.00	72.38 2.88 0.00	76.00 3.18 0.00	81.46 3.49 0.00	58.87 2.78 -3.20	96.91 4.89 -0.75	84.17 3.57 -15.96	61.83 3.10 -5.74	55.26 3.36 0.00	182.90 8.33 -55.00	151.18 10.64 0.00	148.87 9.81 -5.07	126.14 8.32 -0.05	96.76 5.92 -10.78	90.98 4.15 -31.81	93.88 6.59 -0.49	112.00 4.28 -52.65	95.82 5.49 -19.14	87.07 3.89 -31.41	112.29 7.14 0.00	107.29 6.70 0.00	69.57 4.18 -1.05	55.83 3.15 -2.39
PORT_JEFF_3 23555	72.76 6.10 -5.93	88.13 7.28 -0.02	75.21 5.71 0.00	78.76 5.94 0.00	84.42 6.44 0.00	61.11 4.89 -3.33	150.49 8.43 -50.79	189.02 6.19 -118.20	63.85 4.84 -6.03	59.91 5.08 -2.93	211.10 12.20 -79.33	177.38 15.28 -21.55	158.27 14.67 -9.61	142.17 12.93 -11.47	113.21 9.11 -24.04	113.75 6.23 -52.50	110.60 9.83 -13.96	122.89 6.07 -61.74	107.63 7.71 -28.74	101.86 5.60 -44.49	124.49 10.74 -8.60	121.93 10.41 -10.93	71.98 6.55 -1.10	57.73 4.95 -2.49

PORT_JEFF_4 23616	72.76 6.10 -5.93	88.13 7.28 -0.02	75.21 5.71 0.00	78.76 5.94 0.00	84.42 6.44 0.00	61.11 4.89 -3.33	150.49 8.43 -50.79	189.02 6.19 -118.20	63.85 4.84 -6.03	59.91 5.08 -2.93	211.10 12.20 -79.33	177.38 15.28 -21.55	158.27 14.67 -9.61	142.17 13.93 -11.47	113.21 9.11 -24.04	113.75 6.23 -52.50	110.60 9.83 -13.96	122.89 6.07 -61.74	107.63 7.71 -28.74	101.86 5.60 -44.49	124.49 10.74 -8.60	121.93 10.41 -10.93	71.98 6.55 -1.10	57.73 4.95 -2.49
PORT_JEFF_IC 23713	73.01 6.36 -5.92	88.27 7.41 -0.02	75.26 5.76 0.00	78.80 5.98 0.00	84.46 6.49 0.00	61.13 4.91 -3.33	150.55 8.48 -50.79	189.05 6.22 -118.20	63.91 4.90 -6.03	60.01 5.17 -2.95	211.52 12.47 -79.47	177.99 15.69 -21.75	158.70 14.93 -9.78	142.80 13.24 -11.79	113.74 9.28 -24.40	114.54 6.38 -53.14	111.27 10.11 -14.36	123.40 6.27 -62.05	108.26 8.00 -29.07	102.37 5.79 -44.82	125.08 10.99 -8.93	122.46 10.63 -11.24	72.11 6.67 -1.10	57.83 5.05 -2.49
PPL_PILGRIM_ST_GT1 24216	72.58 5.98 -5.87	88.02 7.16 -0.02	75.14 5.64 0.00	78.82 6.00 0.00	84.68 6.71 0.00	61.27 5.05 -3.33	150.78 8.72 -50.79	189.25 6.41 -118.20	64.13 5.12 -6.03	60.25 5.33 -3.03	212.68 12.93 -80.17	179.74 16.47 -22.72	159.98 15.38 -10.61	144.75 13.63 -13.34	115.73 9.52 -26.15	117.87 6.59 -56.26	113.63 10.54 -16.29	125.34 6.72 -63.55	110.48 8.63 -30.66	104.35 6.16 -46.42	127.36 11.66 -10.55	124.51 11.19 -12.73	72.37 6.93 -1.10	57.96 5.19 -2.49
PPL_PILGRIM_ST_GT2 24217	72.58 5.98 -5.87	88.02 7.16 -0.02	75.14 5.64 0.00	78.82 6.00 0.00	84.68 6.71 0.00	61.27 5.05 -3.33	150.78 8.72 -50.79	189.25 6.41 -118.20	64.13 5.12 -6.03	60.25 5.33 -3.03	212.68 12.93 -80.17	179.74 16.47 -22.72	159.98 15.38 -10.61	144.75 13.63 -13.34	115.73 9.52 -26.15	117.87 6.59 -56.26	113.63 10.54 -16.29	125.34 6.72 -63.55	110.48 8.63 -30.66	104.35 6.16 -46.42	127.36 11.66 -10.55	124.51 11.19 -12.73	72.37 6.93 -1.10	57.96 5.19 -2.49
PPL_SHRM_GT3 24213	73.32 6.66 -5.93	88.76 7.90 -0.02	75.65 6.14 0.00	79.11 6.29 0.00	84.72 6.75 0.00	61.31 5.09 -3.33	150.91 8.84 -50.79	189.36 6.53 -118.20	64.17 5.16 -6.03	60.19 5.36 -2.94	211.42 12.46 -79.39	178.21 16.03 -21.63	159.11 15.45 -9.68	142.92 13.55 -11.59	113.78 9.54 -24.19	114.35 6.57 -52.76	111.55 10.63 -14.13	123.66 6.71 -61.87	108.64 8.57 -28.87	102.51 6.12 -44.62	125.41 11.52 -8.73	122.53 10.88 -11.06	72.30 6.87 -1.10	58.05 5.27 -2.49
PPL_SHRM_GT4 24214	73.32 6.66 -5.93	88.76 7.90 -0.02	75.65 6.14 0.00	79.11 6.29 0.00	84.72 6.75 0.00	61.31 5.09 -3.33	150.91 8.84 -50.79	189.36 6.53 -118.20	64.17 5.16 -6.03	60.19 5.36 -2.94	211.42 12.46 -79.39	178.21 16.03 -21.63	159.11 15.45 -9.68	142.92 13.55 -11.59	113.78 9.54 -24.19	114.35 6.57 -52.76	111.55 10.63 -14.13	123.66 6.71 -61.87	108.64 8.57 -28.87	102.51 6.12 -44.62	125.41 11.52 -8.73	122.53 10.88 -11.06	72.30 6.87 -1.10	58.05 5.27 -2.49
PROJECT___ORANGE 1 24174	59.74 -0.98 0.00	79.35 -1.49 0.00	68.02 -1.49 0.00	71.36 -1.46 0.00	76.44 -1.54 0.00	52.28 -0.93 -0.32	89.43 -1.85 0.00	63.46 -1.18 0.00	52.07 -0.92 0.00	51.14 -0.76 0.00	117.53 -2.04 0.00	138.70 -1.85 0.00	132.35 -1.64 0.00	116.33 -1.45 0.00	80.04 -0.82 -0.80	56.71 -0.30 -2.00	86.53 -0.32 -0.05	60.27 -0.01 -5.20	72.96 -0.13 -1.89	54.57 -0.30 -3.10	104.13 -1.02 0.00	99.52 -1.07 0.00	63.70 -0.74 -0.10	50.06 -0.46 -0.24
PROJECT___ORANGE 2 24166	59.74 -0.98 0.00	79.35 -1.49 0.00	68.02 -1.49 0.00	71.36 -1.46 0.00	76.44 -1.54 0.00	52.28 -0.93 -0.32	89.43 -1.85 0.00	63.46 -1.18 0.00	52.07 -0.92 0.00	51.14 -0.76 0.00	117.53 -2.04 0.00	138.70 -1.85 0.00	132.35 -1.64 0.00	116.33 -1.45 0.00	80.04 -0.82 -0.80	56.71 -0.30 -2.00	86.53 -0.32 -0.05	60.27 -0.01 -5.20	72.96 -0.13 -1.89	54.57 -0.30 -3.10	104.13 -1.02 0.00	99.52 -1.07 0.00	63.70 -0.74 -0.10	50.06 -0.46 -0.24
PUCKETT___SOLAR 323809	60.55 -0.17 0.00	80.31 -0.53 0.00	68.81 -0.69 0.00	72.24 -0.58 0.00	77.49 -0.48 0.00	53.88 -0.15 -1.14	91.41 -0.27 -0.41	73.23 -0.03 -8.63	56.21 0.12 -3.11	52.27 0.37 0.00	150.01 0.69 -29.75	142.25 1.71 0.00	138.76 2.39 -2.39	119.75 1.95 -0.02	85.91 1.79 -4.06	68.93 1.49 -12.43	89.57 2.60 -0.17	75.56 1.97 -18.52	80.49 2.57 -6.73	64.44 1.63 -11.05	108.00 2.85 0.00	103.19 2.59 0.00	66.07 1.36 -0.37	52.18 1.06 -0.84
PYRITES___HYD 24023	61.40 0.67 0.00	82.36 1.52 0.00	71.11 1.61 0.00	74.01 1.19 0.00	79.01 1.04 0.00	52.78 -0.11 0.00	90.55 -0.72 0.00	64.69 0.06 0.00	52.91 -0.08 0.00	51.04 -0.85 0.00	119.00 -0.57 0.00	137.32 -3.22 0.00	130.89 -3.10 0.00	115.82 -1.96 0.00	78.50 -1.55 0.00	53.09 -1.93 0.00	84.23 -2.58 0.00	53.18 -1.90 0.00	69.02 -2.17 0.00	50.50 -1.27 0.00	103.43 -1.73 0.00	100.03 -0.56 0.00	64.49 0.16 0.00	50.36 0.08 0.00
QUAKERRD_115KV_BK1 80622	55.03 -3.43 2.27	72.58 -4.77 3.49	64.28 -4.37 0.85	64.63 -4.47 3.73	72.08 -4.81 1.09	49.68 -3.12 0.09	83.44 -5.93 1.90	60.23 -3.95 0.45	49.75 -3.23 0.00	48.87 -3.03 0.00	108.24 -7.61 3.72	132.43 -8.11 0.00	126.18 -7.81 0.00	110.97 -6.82 -0.01	76.66 -4.42 -1.02	54.92 -2.66 -2.56	83.10 -3.76 -0.06	59.77 -1.96 -6.65	70.86 -2.74 -2.42	53.20 -2.53 -3.97	99.42 -5.74 0.00	95.06 -5.53 0.00	61.14 -3.33 -0.13	48.37 -2.22 -0.30
QUEENSBRY_115KV_TB8 356137	63.54 2.82 0.00	84.24 3.40 0.00	72.16 2.66 0.00	75.91 3.09 0.00	81.34 3.37 0.00	59.65 2.43 -4.33	103.42 4.46 -7.68	230.92 3.73 -162.55	114.60 3.08 -58.53	54.97 3.08 0.00	687.31 6.90 -560.85	148.82 8.28 0.00	175.56 10.51 -31.07	127.67 9.83 -0.06	110.97 7.20 -23.72	148.08 4.96 -88.09	95.56 8.12 -0.64	129.53 5.33 -69.13	102.92 6.60 -25.13	97.59 4.58 -41.24	113.99 8.83 0.00	108.91 8.31 0.00	70.89 5.17 -1.38	57.45 4.03 -3.14
RAMAPO___LBMP 323565	63.92 3.20 0.00	84.34 3.50 0.00	72.24 2.73 0.00	75.84 3.02 0.00	81.30 3.32 0.00	58.75 2.67 -3.19	96.71 4.68 -0.75	83.95 3.42 -15.90	61.68 2.97 -5.72	55.12 3.22 0.00	182.27 7.91 -54.80	150.60 10.06 0.00	148.22 9.19 -5.05	125.59 7.76 -0.05	96.38 5.57 -10.75	90.67 3.93 -31.72	93.49 6.20 -0.49	111.62 4.03 -52.51	95.46 5.19 -19.09	86.77 3.68 -31.33	111.83 6.68 0.00	106.87 6.28 0.00	69.31 3.93 -1.05	55.63 2.96 -2.39
RANKINE____ 23646	50.92 -5.16 4.64	64.00 -7.09 9.75	61.27 -6.49 1.74	58.63 -6.58 7.61	68.55 -7.21 2.22	47.72 -4.72 0.46	75.80 -8.92 6.56	54.16 -5.90 4.58	45.77 -4.88 2.33	41.77 -4.45 5.68	84.90 -11.47 23.20	109.21 -12.21 19.13	109.12 -11.59 13.28	106.94 -10.21 0.63	73.94 -6.57 -0.45	56.55 -4.02 -5.55	81.52 -5.37 -0.09	61.66 -2.74 -9.32	70.71 -3.87 -3.39	53.53 -3.80 -5.56	96.04 -8.34 0.77	92.64 -7.95 0.00	60.02 -4.50 -0.19	47.95 -2.76 -0.42
RAVENSWOOD_GT2_1 24244	64.61 3.88 0.00	85.20 4.36 0.00	72.96 3.46 0.00	76.58 3.76 0.00	82.11 4.13 0.00	59.48 3.26 -3.33	97.77 5.70 -0.79	85.46 4.07 -16.75	62.54 3.53 -6.03	55.75 3.86 0.00	186.69 9.39 -57.73	152.53 11.99 0.00	150.45 11.17 -5.30	127.50 9.67 -0.05	98.17 6.88 -11.23	92.93 4.75 -33.17	94.79 7.48 -0.51	114.70 4.80 -54.83	97.36 6.24 -19.93	88.90 4.42 -32.71	113.25 8.09 0.00	108.23 7.64 0.00	70.26 4.83 -1.09	56.44 3.67 -2.49



RAVENSWOOD_GT2_2 24245	64.61 3.88 0.00	85.20 4.36 0.00	72.96 3.46 0.00	76.58 3.76 0.00	82.11 4.13 0.00	59.48 3.26 -3.33	97.77 5.70 -0.79	85.46 4.07 -16.75	62.54 3.53 -6.03	55.75 3.86 0.00	186.69 9.39 -57.73	152.53 11.99 0.00	150.45 11.17 -5.30	127.50 9.67 -0.05	98.17 6.88 -11.23	92.93 4.75 -33.17	94.79 7.48 -0.51	114.70 4.80 -54.83	97.36 6.24 -19.93	88.90 4.42 -32.71	113.25 8.09 0.00	108.23 7.64 0.00	70.26 4.83 -1.09	56.44 3.67 -2.49
RAVENSWOOD_GT2_3 24246	64.62 3.89 0.00	85.24 4.40 0.00	72.98 3.48 0.00	76.59 3.77 0.00	82.11 4.14 0.00	59.52 3.30 -3.33	97.79 5.73 -0.79	85.49 4.10 -16.75	62.57 3.56 -6.03	55.78 3.89 0.00	186.73 9.43 -57.73	152.60 12.06 0.00	150.53 11.25 -5.30	127.55 9.72 -0.05	98.21 6.92 -11.23	92.97 4.78 -33.17	94.83 7.52 -0.51	114.74 4.83 -54.83	97.40 6.27 -19.93	88.93 4.46 -32.71	113.30 8.15 0.00	108.24 7.65 0.00	70.27 4.84 -1.09	56.47 3.69 -2.49
RAVENSWOOD_GT2_4 24247	64.62 3.89 0.00	85.24 4.40 0.00	72.98 3.48 0.00	76.59 3.77 0.00	82.11 4.14 0.00	59.52 3.30 -3.33	97.79 5.73 -0.79	85.49 4.10 -16.75	62.57 3.56 -6.03	55.78 3.89 0.00	186.73 9.43 -57.73	152.60 12.06 0.00	150.53 11.25 -5.30	127.55 9.72 -0.05	98.21 6.92 -11.23	92.97 4.78 -33.17	94.83 7.52 -0.51	114.74 4.83 -54.83	97.40 6.27 -19.93	88.93 4.46 -32.71	113.30 8.15 0.00	108.24 7.65 0.00	70.27 4.84 -1.09	56.47 3.69 -2.49
RAVENSWOOD_GT3_1 24248	64.61 3.88 0.00	85.20 4.36 0.00	72.96 3.46 0.00	76.58 3.76 0.00	82.11 4.13 0.00	59.48 3.26 -3.33	97.78 5.71 -0.79	85.46 4.07 -16.75	62.54 3.53 -6.03	55.75 3.86 0.00	186.69 9.39 -57.73	152.55 12.00 0.00	150.45 11.17 -5.30	127.50 9.67 -0.05	98.17 6.88 -11.23	92.94 4.76 -33.17	94.79 7.48 -0.51	114.70 4.80 -54.83	97.36 6.24 -19.93	88.90 4.42 -32.71	113.25 8.09 0.00	108.23 7.64 0.00	70.26 4.83 -1.09	56.44 3.67 -2.49
RAVENSWOOD_GT3_2 24249	64.61 3.88 0.00	85.20 4.36 0.00	72.96 3.46 0.00	76.58 3.76 0.00	82.11 4.13 0.00	59.48 3.26 -3.33	97.78 5.71 -0.79	85.46 4.07 -16.75	62.54 3.53 -6.03	55.75 3.86 0.00	186.69 9.39 -57.73	152.55 12.00 0.00	150.45 11.17 -5.30	127.50 9.67 -0.05	98.17 6.88 -11.23	92.94 4.76 -33.17	94.79 7.48 -0.51	114.70 4.80 -54.83	97.36 6.24 -19.93	88.90 4.42 -32.71	113.25 8.09 0.00	108.23 7.64 0.00	70.26 4.83 -1.09	56.44 3.67 -2.49
RAVENSWOOD_GT3_3 24250	64.68 3.95 0.00	85.32 4.48 0.00	73.05 3.55 0.00	76.67 3.85 0.00	82.19 4.22 0.00	59.57 3.35 -3.33	97.88 5.82 -0.79	85.56 4.17 -16.75	62.63 3.62 -6.03	55.84 3.94 0.00	186.88 9.58 -57.73	152.75 12.21 0.00	150.67 11.38 -5.30	127.68 9.85 -0.05	98.31 7.02 -11.23	93.03 4.85 -33.17	94.94 7.63 -0.51	114.80 4.90 -54.83	97.49 6.37 -19.93	88.99 4.51 -32.71	113.45 8.29 0.00	108.37 7.77 0.00	70.35 4.92 -1.09	56.52 3.74 -2.49
RAVENSWOOD_GT3_4 24251	64.68 3.95 0.00	85.32 4.48 0.00	73.05 3.55 0.00	76.67 3.85 0.00	82.19 4.22 0.00	59.57 3.35 -3.33	97.88 5.82 -0.79	85.56 4.17 -16.75	62.63 3.62 -6.03	55.84 3.94 0.00	186.88 9.58 -57.73	152.75 12.21 0.00	150.67 11.38 -5.30	127.68 9.85 -0.05	98.31 7.02 -11.23	93.03 4.85 -33.17	94.94 7.63 -0.51	114.80 4.90 -54.83	97.49 6.37 -19.93	88.99 4.51 -32.71	113.45 8.29 0.00	108.37 7.77 0.00	70.35 4.92 -1.09	56.52 3.74 -2.49
RAVENSWOOD_GT_1 23729	80.98 4.04 -16.21	85.38 4.54 0.00	73.11 3.61 0.00	76.74 3.92 0.00	82.26 4.29 0.00	59.93 3.39 -3.64	98.40 5.93 -1.19	85.66 4.27 -16.75	63.34 3.70 -6.66	59.08 4.03 -3.15	187.06 9.75 -57.73	188.87 12.52 -35.80	195.70 11.72 -49.99	177.28 10.13 -49.37	152.71 7.22 -65.43	146.36 4.97 -86.37	142.30 7.83 -47.67	116.19 5.01 -56.11	102.02 6.52 -24.31	95.10 4.63 -38.71	113.58 8.42 0.00	108.53 7.94 0.00	71.07 5.00 -1.73	60.43 3.82 -6.32
RAVENSWOOD_GT_10 24258	66.48 3.88 -1.87	85.20 4.36 0.00	72.96 3.46 0.00	76.58 3.76 0.00	82.10 4.13 0.00	59.51 3.26 -3.37	97.81 5.70 -0.84	85.46 4.07 -16.75	62.61 3.53 -6.10	56.12 3.86 -0.36	186.68 9.38 -57.73	156.66 11.99 -4.13	155.59 11.15 -10.45	133.17 9.65 -5.74	104.41 6.87 -17.49	99.07 4.75 -39.30	100.22 7.47 -5.95	114.85 4.80 -54.98	97.87 6.24 -20.43	89.59 4.42 -33.40	113.25 8.09 0.00	108.23 7.64 0.00	70.26 4.83 -1.09	56.43 3.66 -2.49
RAVENSWOOD_GT_11 24259	66.48 3.88 -1.87	85.20 4.36 0.00	72.96 3.46 0.00	76.58 3.76 0.00	82.10 4.13 0.00	59.51 3.26 -3.37	97.81 5.70 -0.84	85.46 4.07 -16.75	62.61 3.53 -6.10	56.12 3.86 -0.36	186.68 9.38 -57.73	156.66 11.99 -4.13	155.59 11.15 -10.45	133.17 9.65 -5.74	104.41 6.87 -17.49	99.07 4.75 -39.30	100.22 7.47 -5.95	114.85 4.80 -54.98	97.87 6.24 -20.43	89.59 4.42 -33.40	113.25 8.09 0.00	108.23 7.64 0.00	70.26 4.83 -1.09	56.43 3.66 -2.49
RAVENSWOOD_GT_4 24252	76.93 3.86 -12.35	85.20 4.35 0.00	72.94 3.44 0.00	76.56 3.74 0.00	82.08 4.10 0.00	59.71 3.25 -3.57	98.04 5.67 -1.10	85.44 4.05 -16.75	63.01 3.52 -6.51	58.13 3.84 -2.40	186.63 9.33 -57.73	179.70 11.89 -27.26	184.40 11.08 -39.33	164.95 9.57 -37.60	139.37 6.82 -52.50	133.40 4.70 -73.68	130.63 7.41 -36.42	115.65 4.77 -55.80	100.65 6.19 -23.27	93.44 4.40 -37.28	113.23 8.07 0.00	108.17 7.58 0.00	70.72 4.81 -1.58	59.34 3.65 -5.41
RAVENSWOOD_GT_5 24254	76.93 3.86 -12.35	85.20 4.35 0.00	72.94 3.44 0.00	76.56 3.74 0.00	82.08 4.10 0.00	59.71 3.25 -3.57	98.04 5.67 -1.10	85.44 4.05 -16.75	63.01 3.52 -6.51	58.13 3.84 -2.40	186.63 9.33 -57.73	179.70 11.89 -27.26	184.40 11.08 -39.33	164.95 9.57 -37.60	139.37 6.82 -52.50	133.40 4.70 -73.68	130.63 7.41 -36.42	115.65 4.77 -55.80	100.65 6.19 -23.27	93.44 4.40 -37.28	113.23 8.07 0.00	108.17 7.58 0.00	70.72 4.81 -1.58	59.34 3.65 -5.41
RAVENSWOOD_GT_6 24253	76.93 3.86 -12.35	85.20 4.35 0.00	72.94 3.44 0.00	76.56 3.74 0.00	82.08 4.10 0.00	59.71 3.25 -3.57	98.04 5.67 -1.10	85.44 4.05 -16.75	63.01 3.52 -6.51	58.13 3.84 -2.40	186.63 9.33 -57.73	179.70 11.89 -27.26	184.40 11.08 -39.33	164.95 9.57 -37.60	139.37 6.82 -52.50	133.40 4.70 -73.68	130.63 7.41 -36.42	115.65 4.77 -55.80	100.65 6.19 -23.27	93.44 4.40 -37.28	113.23 8.07 0.00	108.17 7.58 0.00	70.72 4.81 -1.58	59.34 3.65 -5.41
RAVENSWOOD_GT_7 24255	76.93 3.86 -12.35	85.20 4.35 0.00	72.94 3.44 0.00	76.56 3.74 0.00	82.08 4.10 0.00	59.71 3.25 -3.57	98.04 5.67 -1.10	85.44 4.05 -16.75	63.01 3.52 -6.51	58.13 3.84 -2.40	186.63 9.33 -57.73	179.70 11.89 -27.26	184.40 11.08 -39.33	164.95 9.57 -37.60	139.37 6.82 -52.50	133.40 4.70 -73.68	130.63 7.41 -36.42	115.65 4.77 -55.80	100.65 6.19 -23.27	93.44 4.40 -37.28	113.23 8.07 0.00	108.17 7.58 0.00	70.72 4.81 -1.58	59.34 3.65 -5.41
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	66.48 3.88 -1.87	85.20 4.36 0.00	72.96 3.46 0.00	76.58 3.76 0.00	82.10 4.13 0.00	59.51 3.26 -3.37	97.81 5.70 -0.84	85.46 4.07 -16.75	62.61 3.53 -6.10	56.12 3.86 -0.36	186.68 9.38 -57.73	156.66 11.99 -4.13	155.59 11.15 -10.45	133.17 9.65 -5.74	104.41 6.87 -17.49	99.07 4.75 -39.30	100.22 7.47 -5.95	114.85 4.80 -54.98	97.87 6.24 -20.43	89.59 4.42 -33.40	113.25 8.09 0.00	108.23 7.64 0.00	70.26 4.83 -1.09	56.43 3.66 -2.49

RAVENSWOOD_GT_9 24257	66.48 3.88 -1.87	85.20 4.36 0.00	72.96 3.46 0.00	76.58 3.76 0.00	82.10 4.13 0.00	59.51 3.26 -3.37	97.81 5.70 -0.84	85.46 4.07 -16.75	62.61 3.53 -6.10	56.12 3.86 -0.36	186.68 9.38 -57.73	156.66 11.99 -4.13	155.59 11.15 -10.45	133.17 9.65 -5.74	104.41 6.87 -17.49	99.07 4.75 -39.30	100.22 7.47 -5.95	114.85 4.80 -54.98	97.87 6.24 -20.43	89.59 4.42 -33.40	113.25 8.09 0.00	108.23 7.64 0.00	70.26 4.83 -1.09	56.43 3.66 -2.49
RAVENSWOOD___1 23533	48.74 3.98 15.97	85.32 4.47 0.00	73.05 3.54 0.00	76.67 3.85 0.00	82.18 4.21 0.00	59.26 3.34 -3.02	97.51 5.84 -0.40	85.58 4.19 -16.75	62.03 3.64 -5.41	52.77 3.98 3.10	186.90 9.60 -57.73	117.66 12.37 35.25	106.89 11.62 38.72	79.28 10.02 48.52	45.08 7.17 42.14	40.72 4.93 19.23	48.64 7.78 45.93	113.61 4.97 -53.57	93.28 6.47 -15.62	83.17 4.60 -26.80	113.50 8.34 0.00	108.43 7.84 0.00	69.75 4.95 -0.46	52.78 3.77 1.28
RAVENSWOOD___2 23534	48.74 3.98 15.97	85.32 4.47 0.00	73.05 3.54 0.00	76.67 3.85 0.00	82.18 4.21 0.00	59.26 3.34 -3.02	97.51 5.84 -0.40	85.58 4.19 -16.75	62.03 3.64 -5.41	52.77 3.98 3.10	186.90 9.60 -57.73	117.66 12.37 35.25	106.89 11.62 38.72	79.28 10.02 48.52	45.08 7.17 42.14	40.72 4.93 19.23	48.64 7.78 45.93	113.61 4.97 -53.57	93.28 6.47 -15.62	83.17 4.60 -26.80	113.50 8.34 0.00	108.41 7.82 0.00	70.33 4.89 -1.09	56.47 3.69 -2.49
RAVENSWOOD___3 23535	64.61 3.88 0.00	85.20 4.36 0.00	72.95 3.45 0.00	76.58 3.76 0.00	82.09 4.12 0.00	59.49 3.26 -3.33	97.78 5.71 -0.79	85.46 4.07 -16.75	62.54 3.53 -6.03	55.76 3.86 0.00	186.69 9.39 -57.73	152.53 11.99 0.00	150.48 11.19 -5.30	127.50 9.67 -0.05	98.17 6.88 -11.23	92.94 4.76 -33.17	94.80 7.49 -0.51	114.70 4.80 -54.83	97.36 6.24 -19.93	88.90 4.42 -32.71	113.25 8.10 0.00	108.24 7.65 0.00	70.26 4.83 -1.09	56.44 3.67 -2.49
RAVENSWOOD___4 23820	48.74 3.98 15.97	85.32 4.47 0.00	73.05 3.54 0.00	76.67 3.85 0.00	82.18 4.21 0.00	59.26 3.34 -3.02	97.51 5.84 -0.40	85.58 4.19 -16.75	62.03 3.64 -5.41	52.77 3.98 3.10	186.90 9.60 -57.73	117.66 12.37 35.25	106.89 11.62 38.72	79.28 10.02 48.52	45.08 7.17 42.14	40.72 4.93 19.23	48.64 7.78 45.93	113.61 4.97 -53.57	93.28 6.47 -15.62	83.17 4.60 -26.80	113.50 8.34 0.00	108.43 7.84 0.00	69.75 4.95 -0.46	52.78 3.77 1.28
RCPI_TRUST___DRP 24196	64.62 3.89 0.00	85.24 4.40 0.00	72.98 3.48 0.00	76.59 3.77 0.00	82.11 4.14 0.00	59.50 3.28 -3.33	97.80 5.73 -0.79	85.49 4.11 -16.75	62.58 3.57 -6.03	55.80 3.90 0.00	186.77 9.47 -57.72	152.63 12.08 0.00	150.57 11.28 -5.30	127.59 9.76 -0.05	98.21 6.93 -11.23	92.98 4.80 -33.16	94.85 7.54 -0.51	114.75 4.85 -54.82	97.41 6.29 -19.93	88.93 4.46 -32.71	113.35 8.20 0.00	108.31 7.71 0.00	70.28 4.85 -1.09	56.46 3.69 -2.49
RED___ROCHESTER 323720	55.98 -2.21 2.54	73.73 -3.20 3.91	65.47 -3.08 0.95	65.53 -3.11 4.18	73.36 -3.39 1.22	50.59 -2.16 0.14	84.84 -4.30 2.13	61.40 -2.74 0.50	50.74 -2.24 0.00	49.90 -2.00 0.00	110.13 -5.27 4.17	135.31 -5.24 0.00	129.34 -5.15 -0.50	113.23 -4.55 -0.01	78.65 -2.81 -1.41	57.57 -1.48 -4.04	85.05 -1.81 -0.06	61.31 -0.63 -6.86	72.64 -1.04 -2.50	54.46 -1.40 -4.10	101.57 -3.59 0.00	97.13 -3.46 0.00	62.53 -1.95 -0.14	49.51 -1.08 -0.31
REGAN___SOLAR 323812	64.43 3.70 0.00	85.67 4.82 0.00	73.56 4.05 0.00	77.21 4.39 0.00	82.68 4.70 0.00	60.81 3.28 -4.64	104.42 5.63 -7.51	227.59 4.14 -158.81	113.42 3.25 -57.18	54.97 3.07 0.00	674.46 6.96 -547.93	148.84 8.29 0.00	172.67 8.41 -30.27	124.82 6.98 -0.07	109.54 5.37 -24.11	147.51 4.14 -88.36	94.38 6.89 -0.69	133.65 4.52 -74.05	103.83 5.72 -26.92	99.88 3.93 -44.18	112.79 7.63 0.00	107.73 7.14 0.00	70.24 4.42 -1.48	56.93 3.28 -3.37
RENSSELAER___COGEN 23796	63.26 2.52 0.00	83.92 3.08 0.00	71.98 2.48 0.00	75.70 2.88 0.00	81.02 3.05 0.00	59.26 2.19 -4.18	99.27 3.61 -4.38	160.09 2.72 -92.73	88.57 2.19 -33.39	54.25 2.36 0.00	445.20 5.64 -319.99	147.40 6.86 0.00	159.35 6.40 -18.97	123.51 5.67 -0.06	102.35 3.69 -18.60	121.56 2.28 -64.26	90.72 3.30 -0.62	123.99 2.17 -66.74	98.32 2.87 -24.26	93.68 2.10 -39.82	109.32 4.17 0.00	104.69 4.09 0.00	68.28 2.61 -1.33	55.54 2.23 -3.04
REPUBLIC_115KV_BARTNBRK 55605	65.43 4.70 0.00	86.54 5.69 0.00	74.08 4.58 0.00	78.04 5.22 0.00	83.74 5.77 0.00	61.19 3.97 -4.33	106.52 7.60 -7.65	233.23 6.74 -161.85	116.98 5.72 -58.28	57.33 5.43 0.00	689.48 11.46 -558.45	153.87 13.32 0.00	179.27 14.34 -30.95	131.82 13.98 -0.06	114.18 10.46 -23.66	149.96 7.09 -87.85	99.30 11.86 -0.64	132.08 7.91 -69.08	105.87 9.57 -25.11	99.55 6.57 -41.22	117.81 12.65 0.00	112.64 12.04 0.00	73.26 7.55 -1.38	59.47 6.05 -3.14
REVERE_CPPIR_DRP 24186	62.36 1.63 0.00	83.01 2.16 0.00	71.17 1.67 0.00	74.67 1.85 0.00	79.98 2.01 0.00	54.54 1.48 -0.17	93.85 2.57 0.00	66.67 2.03 0.00	54.78 1.79 0.00	53.80 1.90 0.00	124.05 4.48 0.00	146.03 5.49 0.00	139.36 5.38 0.00	122.48 4.70 0.00	83.90 3.42 -0.43	58.69 2.60 -1.07	91.38 4.55 -0.03	60.76 2.90 -2.78	75.83 3.63 -1.01	55.84 2.41 -1.66	109.74 4.58 0.00	104.95 4.36 0.00	66.82 2.43 -0.06	52.16 1.75 -0.13
REYNOLDS_115KV_TB3 80639	63.56 2.83 0.00	84.31 3.47 0.00	72.30 2.80 0.00	76.05 3.23 0.00	81.38 3.41 0.00	59.53 2.45 -4.19	100.47 4.14 -5.05	174.93 3.45 -106.85	94.21 2.74 -38.48	54.79 2.90 0.00	495.37 7.05 -368.75	148.73 8.19 0.00	162.91 7.53 -21.40	124.58 6.74 -0.06	104.14 4.51 -19.57	126.66 2.76 -68.89	91.48 4.06 -0.62	124.58 2.63 -66.87	98.90 3.40 -24.31	94.14 2.48 -39.90	110.13 4.98 0.00	105.44 4.84 0.00	68.77 3.10 -1.33	55.86 2.54 -3.04
RIVERBAY____ 323610	64.74 4.01 0.00	85.49 4.64 0.00	73.22 3.72 0.00	76.99 4.17 0.00	82.43 4.46 0.00	59.73 3.51 -3.33	98.16 6.10 -0.79	85.79 4.40 -16.75	62.74 3.73 -6.03	55.93 4.03 0.00	187.21 9.91 -57.73	153.23 12.68 0.00	151.18 11.90 -5.30	128.03 10.20 -0.05	98.63 7.34 -11.23	93.17 4.99 -33.17	95.19 7.88 -0.51	114.95 5.05 -54.83	97.64 6.52 -19.93	89.07 4.59 -32.71	113.50 8.35 0.00	108.50 7.91 0.00	70.39 4.96 -1.09	56.57 3.80 -2.49
RIVERSIDE_115KV_TB3 55908	63.47 2.75 0.00	84.20 3.35 0.00	72.21 2.71 0.00	75.95 3.13 0.00	81.27 3.30 0.00	59.47 2.38 -4.20	100.27 4.00 -4.99	173.44 3.15 -105.66	93.57 2.53 -38.05	54.59 2.70 0.00	490.68 6.51 -364.61	148.28 7.73 0.00	162.36 7.18 -21.20	124.21 6.37 -0.06	103.79 4.22 -19.52	126.19 2.59 -68.58	91.24 3.82 -0.62	124.59 2.49 -67.03	98.80 3.24 -24.36	94.13 2.38 -39.99	109.91 4.76 0.00	105.19 4.60 0.00	68.62 2.95 -1.34	55.79 2.47 -3.05
ROARING___BROOK_WT_PWR 323790	58.94 -1.79 0.00	78.64 -2.20 0.00	67.69 -1.81 0.00	70.79 -2.03 0.00	75.76 -2.21 0.00	51.25 -1.64 0.00	88.52 -2.76 0.00	62.75 -1.89 0.00	51.45 -1.53 0.00	50.48 -1.42 0.00	116.59 -2.98 0.00	136.43 -4.11 0.00	130.16 -3.83 0.00	115.01 -2.77 0.00	78.07 -1.99 0.00	53.56 -1.46 0.00	84.91 -1.88 0.00	54.10 -0.98 0.00	69.92 -1.27 0.00	51.05 -0.72 0.00	104.34 -0.81 0.00	100.10 -0.49 0.00	63.95 -0.39 0.00	49.84 -0.44 0.00

ROCHESRG_115KV_T4 355643	55.33 -2.89 2.50	72.90 -4.10 3.85	64.75 -3.81 0.94	64.84 -3.87 4.11	72.56 -4.22 1.20	50.05 -2.71 0.14	83.85 -5.33 2.10	60.65 -3.49 0.50	50.10 -2.89 0.00	49.23 -2.67 0.00	108.57 -6.89 4.11	133.37 -7.17 0.00	127.54 -6.94 -0.49	111.75 -6.03 -0.01	77.59 -3.86 -1.40	56.79 -2.23 -4.01	83.86 -3.01 -0.06	60.47 -1.42 -6.81	71.63 -2.04 -2.48	53.71 -2.12 -4.06	100.17 -4.99 0.00	95.85 -4.75 0.00	61.74 -2.73 -0.14	48.93 -1.66 -0.31
ROCHESTER_9_IC 23652	55.66 -2.53 2.54	73.32 -3.62 3.91	65.12 -3.43 0.95	65.17 -3.47 4.18	72.99 -3.77 1.22	50.34 -2.42 0.14	84.36 -4.78 2.13	61.03 -3.10 0.50	50.42 -2.56 0.00	49.56 -2.33 0.00	109.30 -6.10 4.17	134.32 -6.22 0.00	128.43 -6.06 -0.50	112.50 -5.29 -0.01	78.15 -3.32 -1.41	57.19 -1.86 -4.04	84.46 -2.40 -0.06	60.93 -1.01 -6.86	72.15 -1.53 -2.50	54.11 -1.75 -4.10	100.91 -4.25 0.00	96.49 -4.10 0.00	62.15 -2.33 -0.14	49.24 -1.36 -0.31
ROCKVIEW_13_KV_LD 356306	64.79 4.07 0.00	85.49 4.65 0.00	73.20 3.70 0.00	76.82 4.00 0.00	82.35 4.38 0.00	59.63 3.41 -3.33	98.04 5.98 -0.79	85.66 4.27 -16.75	62.69 3.68 -6.03	55.90 4.00 0.00	187.04 9.74 -57.73	152.90 12.35 0.00	150.77 11.48 -5.30	127.79 9.96 -0.05	98.35 7.06 -11.23	93.06 4.88 -33.16	95.03 7.72 -0.51	114.88 4.97 -54.82	97.56 6.44 -19.93	89.02 4.54 -32.71	113.56 8.41 0.00	108.54 7.95 0.00	70.41 4.99 -1.09	56.57 3.80 -2.49
ROME____115KV_TB2 80656	62.36 1.63 0.00	83.01 2.16 0.00	71.17 1.67 0.00	74.67 1.85 0.00	79.98 2.01 0.00	54.54 1.48 -0.17	93.85 2.57 0.00	66.67 2.03 0.00	54.78 1.79 0.00	53.80 1.90 0.00	124.05 4.48 0.00	146.03 5.49 0.00	139.36 5.38 0.00	122.48 4.70 0.00	83.90 3.42 -0.43	58.69 2.60 -1.07	91.38 4.55 -0.03	60.76 2.90 -2.78	75.83 3.63 -1.01	55.84 2.41 -1.66	109.74 4.58 0.00	104.95 4.36 0.00	66.82 2.43 -0.06	52.16 1.75 -0.13
ROSETON___1 23587	64.03 3.31 0.00	84.60 3.76 0.00	72.48 2.98 0.00	76.14 3.32 0.00	81.61 3.64 0.00	59.06 2.85 -3.32	96.99 4.95 -0.76	84.37 3.55 -16.19	61.83 3.02 -5.82	55.18 3.28 0.00	183.31 7.95 -55.78	150.65 10.10 0.00	148.56 9.39 -5.19	125.81 7.97 -0.05	96.90 5.67 -11.17	91.89 3.96 -32.91	93.58 6.27 -0.51	113.86 4.06 -54.72	96.34 5.26 -19.89	88.12 3.70 -32.65	111.99 6.83 0.00	107.07 6.47 0.00	69.50 4.07 -1.09	55.89 3.12 -2.49
ROSETON___2 23588	64.03 3.31 0.00	84.60 3.76 0.00	72.48 2.98 0.00	76.14 3.32 0.00	81.61 3.64 0.00	59.06 2.85 -3.32	96.99 4.95 -0.76	84.37 3.55 -16.19	61.83 3.02 -5.82	55.18 3.28 0.00	183.31 7.95 -55.78	150.65 10.10 0.00	148.56 9.39 -5.19	125.81 7.97 -0.05	96.90 5.67 -11.17	91.89 3.96 -32.91	93.58 6.27 -0.51	113.86 4.06 -54.72	96.34 5.26 -19.89	88.12 3.70 -32.65	111.99 6.83 0.00	107.07 6.47 0.00	69.50 4.07 -1.09	55.89 3.12 -2.49
ROTRDAM_115KV_TB3 80664	62.84 2.12 0.00	83.46 2.62 0.00	71.59 2.09 0.00	75.24 2.43 0.00	80.57 2.60 0.00	59.17 1.90 -4.38	102.77 3.26 -8.23	241.06 2.27 -174.16	117.50 1.81 -62.71	53.77 1.88 0.00	724.88 4.44 -600.87	146.10 5.55 0.00	172.69 5.62 -33.08	122.85 5.00 -0.06	108.28 3.59 -24.63	149.79 2.55 -92.23	91.56 4.11 -0.65	127.66 2.69 -69.89	100.01 3.41 -25.41	95.84 2.37 -41.70	109.69 4.53 0.00	104.92 4.33 0.00	68.45 2.72 -1.39	55.58 2.12 -3.18
RUSSELL___1 23602	55.98 -2.20 2.54	73.72 -3.21 3.91	65.47 -3.08 0.95	65.52 -3.13 4.18	73.36 -3.39 1.22	50.59 -2.16 0.14	84.82 -4.33 2.13	61.39 -2.75 0.50	50.73 -2.26 0.00	49.87 -2.03 0.00	110.03 -5.37 4.17	135.20 -5.35 0.00	129.28 -5.21 -0.50	113.25 -4.54 -0.01	78.64 -2.82 -1.41	57.56 -1.50 -4.04	85.03 -1.84 -0.06	61.31 -0.63 -6.86	72.64 -1.05 -2.50	54.44 -1.42 -4.10	101.54 -3.61 0.00	97.13 -3.46 0.00	62.53 -1.94 -0.14	49.52 -1.08 -0.31
RUSSELL___2 23532	55.98 -2.20 2.54	73.72 -3.21 3.91	65.47 -3.08 0.95	65.52 -3.13 4.18	73.36 -3.39 1.22	50.59 -2.16 0.14	84.82 -4.33 2.13	61.39 -2.75 0.50	50.73 -2.26 0.00	49.87 -2.03 0.00	110.03 -5.37 4.17	135.20 -5.35 0.00	129.28 -5.21 -0.50	113.25 -4.54 -0.01	78.64 -2.82 -1.41	57.56 -1.50 -4.04	85.03 -1.84 -0.06	61.31 -0.63 -6.86	72.64 -1.05 -2.50	54.44 -1.42 -4.10	101.54 -3.61 0.00	97.13 -3.46 0.00	62.53 -1.94 -0.14	49.52 -1.08 -0.31
RUSSELL___3 23549	55.98 -2.20 2.54	73.72 -3.21 3.91	65.47 -3.08 0.95	65.52 -3.13 4.18	73.36 -3.39 1.22	50.59 -2.16 0.14	84.82 -4.33 2.13	61.39 -2.75 0.50	50.73 -2.26 0.00	49.87 -2.03 0.00	110.03 -5.37 4.17	135.20 -5.35 0.00	129.28 -5.21 -0.50	113.25 -4.54 -0.01	78.64 -2.82 -1.41	57.56 -1.50 -4.04	85.03 -1.84 -0.06	61.31 -0.63 -6.86	72.64 -1.05 -2.50	54.44 -1.42 -4.10	101.54 -3.61 0.00	97.13 -3.46 0.00	62.53 -1.94 -0.14	49.52 -1.08 -0.31
RUSSELL___4 23556	55.98 -2.20 2.54	73.72 -3.21 3.91	65.47 -3.08 0.95	65.52 -3.13 4.18	73.36 -3.39 1.22	50.59 -2.16 0.14	84.82 -4.33 2.13	61.39 -2.75 0.50	50.73 -2.26 0.00	49.87 -2.03 0.00	110.03 -5.37 4.17	135.20 -5.35 0.00	129.28 -5.21 -0.50	113.25 -4.54 -0.01	78.64 -2.82 -1.41	57.56 -1.50 -4.04	85.03 -1.84 -0.06	61.31 -0.63 -6.86	72.64 -1.05 -2.50	54.44 -1.42 -4.10	101.54 -3.61 0.00	97.13 -3.46 0.00	62.53 -1.94 -0.14	49.52 -1.08 -0.31
RUSSELL___STATION 23914	55.98 -2.20 2.54	73.72 -3.21 3.91	65.47 -3.08 0.95	65.52 -3.13 4.18	73.36 -3.39 1.22	50.59 -2.16 0.14	84.82 -4.33 2.13	61.39 -2.75 0.50	50.73 -2.26 0.00	49.87 -2.03 0.00	110.03 -5.37 4.17	135.20 -5.35 0.00	129.28 -5.21 -0.50	113.25 -4.54 -0.01	78.64 -2.82 -1.41	57.56 -1.50 -4.04	85.03 -1.84 -0.06	61.31 -0.63 -6.86	72.64 -1.05 -2.50	54.44 -1.42 -4.10	101.54 -3.61 0.00	97.13 -3.46 0.00	62.53 -1.94 -0.14	49.52 -1.08 -0.31
S SALMON___HYD 24043	59.00 -1.73 0.00	78.38 -2.46 0.00	67.19 -2.31 0.00	70.50 -2.32 0.00	75.43 -2.55 0.00	51.44 -1.69 -0.23	88.12 -3.15 0.00	62.59 -2.04 0.00	51.41 -1.57 0.00	50.43 -1.46 0.00	116.15 -3.42 0.00	136.87 -3.68 0.00	130.56 -3.42 0.00	114.92 -2.86 0.00	78.95 -1.69 -0.58	55.61 -0.86 -1.46	86.10 -0.74 -0.04	58.74 -0.13 -3.79	72.33 -0.24 -1.38	53.66 -0.36 -2.26	104.02 -1.13 0.00	99.59 -1.01 0.00	63.40 -1.02 -0.07	49.61 -0.85 -0.17
S.PERRY___115KV_TB1 80734	52.19 -2.00 6.54	76.49 -2.99 1.37	64.16 -2.86 2.48	59.11 -2.82 10.89	71.71 -3.09 3.17	50.09 -1.93 0.87	90.95 -3.65 -3.32	73.44 -2.04 -10.84	59.30 -1.40 -7.72	69.72 -1.01 -18.83	157.02 -3.54 -40.99	200.51 -3.47 -63.43	176.88 -4.20 -47.10	116.25 -3.67 -2.14	85.15 -1.82 -6.91	60.60 -0.23 -5.81	87.40 0.51 -0.09	66.07 1.27 -9.72	75.93 1.20 -3.54	57.56 0.00 -5.80	107.12 -0.59 -2.55	99.71 -0.89 0.00	63.92 -0.61 -0.19	50.68 -0.04 -0.44
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	51.06 -5.37 4.30	64.38 -7.35 9.11	61.18 -6.71 1.61	58.93 -6.84 7.05	68.41 -7.50 2.06	47.56 -4.93 0.40	75.70 -9.43 6.15	53.97 -6.33 4.34	45.48 -5.28 2.22	41.59 -4.89 5.42	85.18 -12.46 21.93	108.90 -13.38 18.26	108.48 -12.83 12.68	105.90 -11.27 0.60	73.18 -7.32 -0.44	55.76 -4.56 -5.31	80.61 -6.27 -0.08	60.68 -3.33 -8.92	69.85 -4.59 -3.24	52.78 -4.31 -5.33	94.97 -9.45 0.73	91.61 -8.98 0.00	59.42 -5.10 -0.18	47.50 -3.18 -0.41

SAWYER___23_KV_LOAD 55526	51.06 -5.37 4.30	64.38 -7.35 9.11	61.18 -6.71 1.61	58.93 -6.84 7.05	68.41 -7.50 2.06	47.56 -4.93 0.40	75.70 -9.43 6.15	53.97 -6.33 4.34	45.48 -5.28 2.22	41.59 -4.89 5.42	85.18 -12.46 21.93	108.90 -13.38 18.26	108.48 -12.83 12.68	105.90 -11.27 0.60	73.18 -7.32 -0.44	55.76 -4.56 -5.31	80.61 -6.27 -0.08	60.68 -3.33 -8.92	69.85 -4.59 -3.24	52.78 -4.31 -5.33	94.97 -9.45 0.73	91.61 -8.98 0.00	59.42 -5.10 -0.18	47.50 -3.18 -0.41
SELKIRK___I 23801	63.28 2.55 0.00	84.01 3.17 0.00	72.11 2.61 0.00	75.82 3.00 0.00	81.17 3.20 0.00	59.30 2.29 -4.12	98.06 3.77 -3.01	130.93 2.53 -63.77	77.98 2.03 -22.96	54.08 2.18 0.00	344.56 4.93 -220.05	146.61 6.07 0.00	153.80 5.87 -13.95	123.57 5.73 -0.06	100.17 3.63 -16.49	111.81 2.40 -54.39	91.08 3.66 -0.61	123.23 2.37 -65.78	98.18 3.08 -23.91	93.23 2.22 -39.24	109.50 4.34 0.00	104.84 4.25 0.00	68.36 2.71 -1.31	55.52 2.25 -2.99
SELKIRK___II 23799	63.07 2.35 0.00	83.71 2.86 0.00	71.83 2.32 0.00	75.52 2.70 0.00	80.86 2.89 0.00	59.15 2.09 -4.17	98.04 3.50 -3.27	136.17 2.39 -69.14	79.83 1.95 -24.90	53.98 2.09 0.00	363.08 4.92 -238.59	146.63 6.09 0.00	154.71 5.82 -14.90	123.15 5.31 -0.06	100.51 3.48 -16.97	113.79 2.29 -56.47	90.90 3.48 -0.62	123.75 2.26 -66.41	98.30 2.97 -24.14	93.52 2.14 -39.62	109.29 4.14 0.00	104.66 4.06 0.00	68.25 2.59 -1.32	55.43 2.13 -3.02
SENECA OSWGO___HYD 24041	59.07 -1.66 0.00	78.46 -2.38 0.00	67.27 -2.23 0.00	70.55 -2.28 0.00	75.57 -2.40 0.00	51.58 -1.56 -0.25	88.33 -2.94 0.00	62.65 -1.99 0.00	51.41 -1.57 0.00	50.46 -1.43 0.00	116.11 -3.46 0.00	136.87 -3.68 0.00	130.60 -3.39 0.00	114.92 -2.86 0.00	78.81 -1.88 -0.64	55.51 -1.12 -1.60	85.24 -1.60 -0.04	58.43 -0.81 -4.17	71.56 -1.14 -1.52	53.24 -1.02 -2.49	102.71 -2.44 0.00	98.18 -2.41 0.00	62.82 -1.60 -0.08	49.33 -1.14 -0.19
SENECA___115KV_TB3 355854	51.02 -5.07 4.64	64.12 -6.97 9.75	61.39 -6.37 1.74	58.74 -6.46 7.61	68.63 -7.12 2.22	47.79 -4.64 0.46	75.91 -8.81 6.56	54.27 -5.79 4.58	45.85 -4.81 2.33	41.86 -4.36 5.68	85.07 -11.30 23.20	109.43 -11.98 19.13	109.33 -11.38 13.28	107.14 -10.01 0.63	74.07 -6.44 -0.45	56.65 -3.92 -5.55	81.67 -5.22 -0.09	61.76 -2.64 -9.32	70.84 -3.75 -3.39	53.62 -3.70 -5.56	96.24 -8.15 0.77	92.82 -7.77 0.00	60.13 -4.39 -0.19	48.03 -2.67 -0.42
SENECA___ENERGY 23797	59.51 -1.22 0.00	79.72 -1.76 -0.63	67.56 -1.94 0.00	71.01 -1.81 0.00	76.11 -1.86 0.00	52.27 -1.07 -0.45	89.75 -2.17 -0.64	64.32 -1.21 -0.88	52.76 -0.79 -0.56	52.71 -0.56 -1.37	121.26 -2.09 -3.77	143.67 -1.50 -4.62	136.28 -1.63 -3.92	116.21 -1.73 -0.16	81.38 -0.54 -1.87	59.47 0.11 -4.34	87.54 0.67 -0.07	63.14 0.74 -7.32	74.63 0.78 -2.66	56.22 0.09 -4.37	105.04 -0.30 -0.19	100.09 -0.50 0.00	64.04 -0.44 -0.15	50.50 -0.12 -0.33
SHOEMAKER___GT 23640	63.60 2.87 0.00	84.09 3.24 0.00	72.05 2.55 0.00	75.67 2.85 0.00	81.11 3.14 0.00	58.40 2.47 -3.03	96.28 4.30 -0.71	82.80 3.13 -15.03	61.06 2.67 -5.41	54.80 2.91 0.00	178.35 6.96 -51.82	149.36 8.82 0.00	146.97 8.19 -4.79	124.84 7.02 -0.05	95.30 5.02 -10.22	88.71 3.53 -30.16	92.89 5.62 -0.47	108.65 3.61 -49.96	94.00 4.65 -18.16	84.83 3.26 -29.81	111.13 5.98 0.00	106.28 5.69 0.00	68.89 3.55 -1.00	55.27 2.72 -2.27
SHOEMAKR_138KV_BK 111 55601	63.57 2.85 0.00	84.04 3.19 0.00	72.01 2.51 0.00	75.63 2.81 0.00	81.07 3.10 0.00	58.35 2.44 -3.01	96.22 4.25 -0.70	82.65 3.09 -14.92	61.00 2.65 -5.37	54.76 2.86 0.00	177.91 6.92 -51.42	149.36 8.82 0.00	146.88 8.14 -4.76	124.80 6.98 -0.05	95.18 4.97 -10.15	88.47 3.49 -29.95	92.82 5.56 -0.46	108.31 3.60 -49.63	93.87 4.64 -18.04	84.62 3.25 -29.61	111.11 5.95 0.00	106.22 5.63 0.00	68.86 3.53 -0.99	55.24 2.70 -2.26
SHOREHAM_IC_1 23715	73.32 6.66 -5.93	88.76 7.90 -0.02	75.65 6.14 0.00	79.11 6.29 0.00	84.72 6.75 0.00	61.31 5.09 -3.33	150.91 8.84 -50.79	189.36 6.53 -118.20	64.17 5.16 -6.03	60.19 5.36 -2.94	211.42 12.46 -79.39	178.21 16.03 -21.63	159.11 15.45 -9.68	142.92 13.55 -11.59	113.78 9.54 -24.19	114.35 6.57 -52.76	111.55 10.63 -14.13	123.66 6.71 -61.87	108.64 8.57 -28.87	102.51 6.12 -44.62	125.41 11.52 -8.73	122.53 10.88 -11.06	72.30 6.87 -1.10	58.05 5.27 -2.49
SHOREHAM_IC_2 23716	73.32 6.66 -5.93	88.76 7.90 -0.02	75.65 6.14 0.00	79.11 6.29 0.00	84.72 6.75 0.00	61.31 5.09 -3.33	150.91 8.84 -50.79	189.36 6.53 -118.20	64.17 5.16 -6.03	60.19 5.36 -2.94	211.42 12.46 -79.39	178.21 16.03 -21.63	159.11 15.45 -9.68	142.92 13.55 -11.59	113.78 9.54 -24.19	114.35 6.57 -52.76	111.55 10.63 -14.13	123.66 6.71 -61.87	108.64 8.57 -28.87	102.51 6.12 -44.62	125.41 11.52 -8.73	122.53 10.88 -11.06	72.30 6.87 -1.10	58.05 5.27 -2.49
SISSONVILLE____ 23735	60.17 -0.55 0.00	80.68 -0.16 0.00	69.66 0.15 0.00	72.54 -0.28 0.00	77.33 -0.64 0.00	51.60 -1.30 0.00	88.19 -3.08 0.00	62.98 -1.65 0.00	51.52 -1.46 0.00	49.86 -2.03 0.00	116.85 -2.72 0.00	135.01 -5.54 0.00	128.46 -5.53 0.00	113.72 -4.06 0.00	77.05 -3.00 0.00	51.96 -3.05 0.00	82.40 -4.40 0.00	51.97 -3.11 0.00	67.50 -3.69 0.00	49.38 -2.38 0.00	101.15 -4.01 0.00	98.12 -2.47 0.00	63.32 -1.01 0.00	49.51 -0.78 0.00
SITHE_IND_GS1 24169	58.44 -2.29 0.00	77.70 -3.14 0.00	66.66 -2.84 0.00	69.91 -2.91 0.00	74.85 -3.12 0.00	50.99 -2.10 -0.19	87.36 -3.91 0.00	61.93 -2.71 0.00	50.78 -2.20 0.00	49.84 -2.06 0.00	114.58 -4.98 0.00	134.98 -5.56 0.00	128.74 -5.25 0.00	113.21 -4.58 0.00	77.52 -3.01 -0.48	54.30 -1.93 -1.21	83.89 -2.94 -0.03	56.49 -1.72 -3.14	70.05 -1.78 -1.14	51.86 -1.87 -1.87	101.22 -3.93 0.00	96.82 -3.77 0.00	61.98 -2.42 -0.06	48.65 -1.78 -0.14
SITHE_IND_GS2 24170	58.44 -2.29 0.00	77.70 -3.14 0.00	66.66 -2.84 0.00	69.91 -2.91 0.00	74.85 -3.12 0.00	50.99 -2.10 -0.19	87.36 -3.91 0.00	61.93 -2.71 0.00	50.78 -2.20 0.00	49.84 -2.06 0.00	114.58 -4.98 0.00	134.98 -5.56 0.00	128.74 -5.25 0.00	113.21 -4.58 0.00	77.52 -3.01 -0.48	54.30 -1.93 -1.21	83.89 -2.94 -0.03	56.49 -1.72 -3.14	70.05 -1.78 -1.14	51.86 -1.87 -1.87	101.22 -3.93 0.00	96.82 -3.77 0.00	61.98 -2.42 -0.06	48.65 -1.78 -0.14
SITHE_IND_GS3 24171	58.44 -2.29 0.00	77.70 -3.14 0.00	66.66 -2.84 0.00	69.91 -2.91 0.00	74.85 -3.12 0.00	50.99 -2.10 -0.19	87.36 -3.91 0.00	61.93 -2.71 0.00	50.78 -2.20 0.00	49.84 -2.06 0.00	114.58 -4.98 0.00	134.98 -5.56 0.00	128.74 -5.25 0.00	113.21 -4.58 0.00	77.52 -3.01 -0.48	54.30 -1.93 -1.21	83.89 -2.94 -0.03	56.49 -1.72 -3.14	70.05 -1.78 -1.14	51.86 -1.87 -1.87	101.22 -3.93 0.00	96.82 -3.77 0.00	61.98 -2.42 -0.06	48.65 -1.78 -0.14
SITHE_IND_GS4 24172	58.44 -2.29 0.00	77.70 -3.14 0.00	66.66 -2.84 0.00	69.91 -2.91 0.00	74.85 -3.12 0.00	50.99 -2.10 -0.19	87.36 -3.91 0.00	61.93 -2.71 0.00	50.78 -2.20 0.00	49.84 -2.06 0.00	114.58 -4.98 0.00	134.98 -5.56 0.00	128.74 -5.25 0.00	113.21 -4.58 0.00	77.52 -3.01 -0.48	54.30 -1.93 -1.21	83.89 -2.94 -0.03	56.49 -1.72 -3.14	70.05 -1.78 -1.14	51.86 -1.87 -1.87	101.22 -3.93 0.00	96.82 -3.77 0.00	61.98 -2.42 -0.06	48.65 -1.78 -0.14

SITHE___BATAVIA 24024	54.48 -2.85 3.40	70.29 -4.02 6.52	64.30 -3.93 1.27	63.33 -3.91 5.58	72.00 -4.35 1.63	49.81 -2.81 0.27	81.58 -5.52 4.17	58.60 -3.55 2.49	48.85 -2.98 1.16	46.49 -2.59 2.82	99.35 -6.90 13.32	124.03 -7.01 9.51	120.45 -7.17 6.36	110.67 -6.79 0.31	76.74 -4.21 -0.89	57.35 -2.34 -4.67	84.10 -2.78 -0.07	61.91 -1.06 -7.88	72.44 -1.62 -2.87	54.33 -2.14 -4.70	99.78 -5.00 0.38	95.56 -5.03 0.00	61.65 -2.84 -0.16	49.01 -1.63 -0.36
SITHE___INDEPEND 23800	58.45 -2.28 0.00	77.70 -3.15 0.00	66.66 -2.84 0.00	69.91 -2.91 0.00	74.86 -3.11 0.00	51.00 -2.09 -0.19	87.35 -3.93 0.00	61.93 -2.71 0.00	50.78 -2.20 0.00	49.84 -2.06 0.00	114.58 -4.99 0.00	134.97 -5.57 0.00	128.74 -5.25 0.00	113.20 -4.58 0.00	77.52 -3.01 -0.48	54.30 -1.92 -1.21	83.89 -2.94 -0.03	56.50 -1.71 -3.14	70.05 -2.28 -1.14	51.86 -1.78 -1.87	101.22 -3.93 0.00	96.82 -3.77 0.00	61.98 -2.42 -0.06	48.65 -1.78 -0.14
SITHE___MASSENA 23902	60.58 -0.14 0.00	81.19 0.35 0.00	70.12 0.62 0.00	73.05 0.24 0.00	78.16 0.19 0.00	52.57 -0.32 0.00	90.70 -0.58 0.00	64.63 0.00 0.00	52.86 -0.12 0.00	51.20 -0.70 0.00	119.10 -0.47 0.00	137.93 -2.62 0.00	131.28 -2.71 0.00	116.03 -1.75 0.00	78.58 -1.47 0.00	53.31 -1.71 0.00	84.24 -2.56 0.00	53.10 -1.98 0.00	68.88 -2.31 0.00	50.40 -1.37 0.00	103.13 -2.02 0.00	99.22 -1.37 0.00	63.72 -0.62 0.00	49.77 -0.51 0.00
SITHE___OGDNSBRG 24021	61.44 0.71 0.00	82.41 1.57 0.00	71.18 1.68 0.00	74.08 1.27 0.00	79.18 1.21 0.00	53.04 0.14 0.00	91.29 0.02 0.00	65.18 0.54 0.00	53.30 0.31 0.00	51.42 -0.48 0.00	119.59 0.02 0.00	138.02 -2.52 0.00	131.58 -2.40 0.00	116.41 -1.37 0.00	78.92 -1.14 0.00	53.45 -1.57 0.00	84.71 -2.09 0.00	53.47 -1.61 0.00	69.38 -1.82 0.00	50.76 -1.01 0.00	103.98 -1.18 0.00	100.31 -0.28 0.00	64.57 0.24 0.00	50.40 0.12 0.00
SITHE___STERLING 23777	61.92 1.20 0.00	82.44 1.59 0.00	70.73 1.23 0.00	74.18 1.37 0.00	79.54 1.57 0.00	54.30 1.21 -0.20	93.31 2.04 0.00	66.23 1.59 0.00	54.38 1.40 0.00	53.39 1.50 0.00	123.01 3.44 0.00	144.93 4.38 0.00	138.38 4.39 0.00	121.59 3.81 0.00	83.31 2.75 -0.50	58.42 2.13 -1.27	90.51 3.68 -0.03	60.65 2.28 -3.29	75.21 2.83 -1.19	55.57 1.84 -1.96	108.59 3.44 0.00	103.77 3.18 0.00	66.21 1.81 -0.06	51.79 1.36 -0.15
SLEIGHT__34_KV_TB1 80719	57.55 -1.86 1.32	76.17 -2.65 2.02	66.37 -2.65 0.48	68.11 -2.60 2.11	74.59 -2.76 0.62	51.31 -1.71 -0.13	86.80 -3.39 1.09	62.29 -2.09 0.26	51.33 -1.65 0.00	50.45 -1.45 0.00	113.40 -4.01 2.16	136.74 -3.80 0.00	130.71 -3.77 -0.49	114.48 -3.30 -0.01	79.14 -1.95 -1.03	56.66 -0.94 -2.58	85.81 -1.05 -0.06	61.51 -0.28 -6.72	73.05 -0.58 -2.44	54.81 -0.96 -4.01	102.67 -2.49 0.00	98.10 -2.49 0.00	62.95 -1.52 -0.13	49.71 -0.87 -0.31
SOUTH CAIRO___GT 23612	65.78 5.05 0.00	87.30 6.46 0.00	74.85 5.35 0.00	78.73 5.91 0.00	84.28 6.31 0.00	61.18 4.32 -3.97	101.60 7.36 -2.96	132.52 5.33 -62.57	79.93 4.42 -22.53	56.45 4.55 0.00	344.61 9.16 -215.89	150.69 10.15 0.00	159.51 11.89 -13.63	128.40 10.56 -0.06	102.96 6.89 -16.02	112.70 4.80 -52.89	95.19 7.79 -0.59	123.84 5.00 -63.77	100.90 6.53 -23.18	94.29 4.48 -38.04	114.09 8.93 0.00	109.06 8.46 0.00	70.81 5.20 -1.27	57.29 4.11 -2.90
SOUTH HAMPTN___IC 23720	73.91 7.25 -5.93	89.35 8.49 -0.02	76.00 6.49 0.00	79.27 6.45 0.00	84.76 6.79 0.00	61.32 5.10 -3.33	150.93 8.86 -50.79	189.39 6.55 -118.20	64.20 5.18 -6.03	60.20 5.37 -2.93	210.94 12.05 -79.32	177.85 15.76 -21.54	159.02 15.44 -9.60	142.73 13.50 -11.45	113.60 9.52 -24.03	114.08 6.59 -52.47	111.42 10.67 -13.95	123.56 6.75 -61.73	108.51 8.60 -28.72	102.35 6.11 -44.47	125.18 11.44 -8.58	122.28 10.77 -10.92	72.32 6.89 -1.10	58.17 5.39 -2.49
SOUTHDOW_115KV_TB1 355954	49.88 -5.46 5.39	63.46 -7.60 9.79	60.70 -6.77 2.02	57.10 -6.86 8.85	67.82 -7.57 2.58	47.53 -4.79 0.58	76.88 -8.51 5.88	59.72 -5.21 -0.29	48.69 -4.21 0.09	44.96 -3.69 3.25	104.09 -9.62 5.87	119.63 -9.98 10.93	118.10 -8.92 6.96	110.04 -7.38 0.36	76.90 -4.39 -1.24	58.40 -2.62 -6.00	84.35 -2.54 -0.09	64.02 -1.11 -10.05	72.84 -2.01 -3.65	55.47 -2.29 -6.00	99.37 -5.34 0.44	95.86 -4.73 0.00	62.04 -2.50 -0.20	49.38 -1.36 -0.46
SOUTHOLD_69_KV_BK 2 55809	75.06 8.41 -5.93	90.27 9.41 -0.02	76.46 6.95 0.00	79.30 6.48 0.00	84.58 6.61 0.00	61.15 4.93 -3.33	150.60 8.53 -50.79	189.18 6.35 -118.20	64.03 5.02 -6.03	60.02 5.19 -2.93	207.92 9.02 -79.33	175.78 13.69 -21.55	158.27 14.68 -9.61	142.15 12.92 -11.46	113.21 9.12 -24.03	113.83 6.33 -52.48	111.07 10.31 -13.95	123.37 6.56 -61.73	108.22 8.30 -28.73	102.08 5.84 -44.48	124.58 10.83 -8.59	121.63 10.11 -10.92	72.06 6.63 -1.10	58.17 5.40 -2.49
SOUTHOLD___IC 23719	74.84 8.18 -5.93	90.19 9.33 -0.02	76.46 6.96 0.00	79.30 6.48 0.00	84.58 6.61 0.00	61.15 4.93 -3.33	150.58 8.51 -50.79	189.19 6.36 -118.20	64.03 5.02 -6.03	60.03 5.20 -2.93	207.86 8.96 -79.33	175.75 13.66 -21.55	158.30 14.71 -9.61	142.16 12.92 -11.46	113.20 9.11 -24.03	113.82 6.32 -52.48	111.06 10.31 -13.95	123.37 6.55 -61.73	108.23 8.30 -28.73	102.10 5.86 -44.48	124.59 10.85 -8.59	121.63 10.11 -10.92	72.08 6.64 -1.10	58.17 5.39 -2.49
SOUTH_FORK_WT_PWR 323839	74.86 8.20 -5.93	89.98 9.12 -0.02	76.07 6.57 0.00	78.56 5.74 0.00	83.61 5.64 0.00	60.43 4.21 -3.33	149.32 7.26 -50.79	188.28 5.45 -118.20	63.28 4.27 -6.03	59.26 4.44 -2.93	207.11 8.22 -79.33	174.15 12.06 -21.55	156.24 12.65 -9.60	140.32 11.09 -11.45	111.95 7.86 -24.03	112.95 5.45 -52.48	109.69 8.94 -13.95	122.49 5.68 -61.73	107.09 7.17 -28.73	101.28 5.04 -44.47	122.93 9.19 -8.59	120.06 8.55 -10.92	71.22 5.79 -1.10	57.69 4.91 -2.49
SPIERFLS_115KV_TB 1 80737	63.17 2.45 0.00	83.79 2.94 0.00	71.77 2.28 0.00	75.48 2.66 0.00	80.87 2.89 0.00	59.35 2.12 -4.33	102.87 3.89 -7.71	230.99 3.23 -163.12	114.37 2.65 -58.74	54.56 2.66 0.00	688.45 6.06 -562.82	147.90 7.36 0.00	174.86 9.70 -31.17	126.94 9.10 -0.06	110.45 6.63 -23.76	147.92 4.60 -88.30	94.95 7.50 -0.64	129.16 4.92 -69.17	102.44 6.11 -25.14	97.28 4.25 -41.27	113.33 8.17 0.00	108.28 7.69 0.00	70.50 4.78 -1.38	57.14 3.71 -3.15
ST LAWRENCE____ 23600	60.06 -0.67 0.00	80.43 -0.41 0.00	69.45 -0.05 0.00	72.38 -0.44 0.00	77.49 -0.49 0.00	52.20 -0.69 0.00	90.21 -1.07 0.00	64.00 -0.64 0.00	52.43 -0.56 0.00	51.02 -0.88 0.00	117.92 -1.66 0.00	137.51 -3.04 0.00	130.87 -3.12 0.00	115.16 -2.62 0.00	77.98 -2.08 0.00	53.23 -1.79 0.00	83.87 -2.94 0.00	53.04 -2.04 0.00	68.67 -2.53 0.00	50.23 -1.53 0.00	102.74 -2.42 0.00	98.45 -2.15 0.00	63.12 -1.22 0.00	49.30 -0.98 0.00
STATE_CA_115KV_115_LB 55624	63.52 2.80 0.00	84.27 3.43 0.00	72.28 2.77 0.00	76.01 3.19 0.00	81.35 3.38 0.00	59.56 2.44 -4.23	100.77 4.09 -5.41	182.05 3.06 -114.35	96.65 2.48 -41.18	54.54 2.64 0.00	520.51 6.35 -394.59	148.27 7.73 0.00	163.89 7.19 -22.71	124.21 6.37 -0.06	104.45 4.21 -20.18	129.30 2.65 -71.63	91.34 3.91 -0.63	125.12 2.57 -67.48	99.08 3.36 -24.53	94.46 2.43 -40.26	110.02 4.86 0.00	105.29 4.70 0.00	68.66 2.98 -1.35	55.86 2.51 -3.07

STATE_ST_34_KV_LOAD 55959	62.51 0.04 -1.75	84.01 0.11 -3.05	69.80 -0.42 -0.71	75.85 -0.07 -3.10	78.93 0.06 -0.90	53.97 0.22 -0.86	93.28 0.09 -1.92	65.84 0.35 -0.86	53.71 0.40 -0.33	53.23 0.54 -0.79	124.97 0.35 -5.05	144.80 1.59 -2.67	137.68 1.20 -2.50	118.67 0.80 -0.10	82.90 1.14 -1.70	60.51 1.20 -4.30	89.17 2.30 -0.07	63.88 1.57 -7.23	75.67 1.85 -2.63	57.04 0.96 -4.32	106.99 1.72 -0.11	102.15 1.56 0.00	65.18 0.70 -0.14	51.32 0.71 -0.33
STATION_5_MISC_HYD 23604	55.65 -2.53 2.54	73.32 -3.61 3.91	65.13 -3.42 0.95	65.17 -3.47 4.18	72.98 -3.78 1.22	50.33 -2.42 0.14	84.37 -4.77 2.13	61.06 -3.08 0.50	50.44 -2.54 0.00	49.59 -2.31 0.00	109.40 -6.01 4.17	134.42 -6.13 0.00	128.49 -6.00 -0.50	112.51 -5.28 -0.01	78.15 -3.31 -1.41	57.22 -1.84 -4.04	84.47 -2.39 -0.06	60.93 -1.01 -6.86	72.17 -1.52 -2.50	54.10 -1.75 -4.10	100.91 -4.25 0.00	96.48 -4.11 0.00	62.14 -2.33 -0.14	49.24 -1.35 -0.31
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	56.79 -1.43 2.51	74.86 -2.13 3.86	66.38 -2.18 0.94	66.52 -2.16 4.14	74.47 -2.29 1.21	51.39 -1.37 0.13	86.35 -2.81 2.11	62.47 -1.67 0.50	51.71 -1.28 0.00	50.86 -1.04 0.00	112.32 -3.13 4.11	137.78 -2.76 0.00	131.69 -2.79 -0.50	115.25 -2.54 -0.01	80.15 -1.32 -1.41	58.59 -0.49 -4.06	86.59 -0.27 -0.06	62.23 0.27 -6.89	73.83 0.14 -2.50	55.41 -0.47 -4.11	103.61 -1.55 0.00	99.01 -1.58 0.00	63.55 -0.92 -0.14	50.20 -0.39 -0.31
STA_56_34_KV_BUS2_REV_LBMP_B 345033	55.51 -2.73 2.49	73.14 -3.89 3.82	64.93 -3.64 0.93	65.06 -3.68 4.08	72.79 -3.99 1.19	50.19 -2.57 0.13	84.16 -5.03 2.08	60.88 -3.27 0.49	50.30 -2.68 0.00	49.43 -2.46 0.00	109.15 -6.34 4.07	133.97 -6.57 0.00	128.09 -6.39 -0.49	112.23 -5.55 -0.01	77.94 -3.51 -1.40	57.02 -2.00 -4.00	84.20 -2.66 -0.06	60.68 -1.20 -6.80	71.90 -1.77 -2.47	53.93 -1.90 -4.06	100.61 -4.54 0.00	96.23 -4.36 0.00	61.93 -2.54 -0.14	49.05 -1.54 -0.31
STA_56___34_KV_BUS2 355983	55.51 -2.73 2.49	73.14 -3.89 3.82	64.93 -3.64 0.93	65.06 -3.68 4.08	72.79 -3.99 1.19	50.19 -2.57 0.13	84.16 -5.03 2.08	60.88 -3.27 0.49	50.30 -2.68 0.00	49.43 -2.46 0.00	109.15 -6.34 4.07	133.97 -6.57 0.00	128.09 -6.39 -0.49	112.23 -5.55 -0.01	77.94 -3.51 -1.40	57.02 -2.00 -4.00	84.20 -2.66 -0.06	60.68 -1.20 -6.80	71.90 -1.77 -2.47	53.93 -1.90 -4.06	100.61 -4.54 0.00	96.23 -4.36 0.00	61.93 -2.54 -0.14	49.05 -1.54 -0.31
STA_67___115KV_BK2 355882	55.52 -2.67 2.54	73.14 -3.80 3.90	64.98 -3.57 0.95	65.02 -3.63 4.17	72.83 -3.93 1.21	50.22 -2.53 0.14	84.15 -5.00 2.13	60.88 -3.26 0.50	50.30 -2.68 0.00	49.43 -2.46 0.00	109.00 -6.41 4.16	133.95 -6.60 0.00	128.07 -6.41 -0.50	112.21 -5.58 -0.01	77.92 -3.54 -1.41	57.05 -2.00 -4.03	84.22 -2.65 -0.06	60.76 -1.17 -6.86	71.95 -1.73 -2.49	53.95 -1.90 -4.09	100.59 -4.56 0.00	96.25 -4.35 0.00	61.99 -2.49 -0.14	49.11 -1.48 -0.31
STA_7___115KV_9TRANS 80674	55.98 -2.20 2.54	73.72 -3.21 3.91	65.47 -3.08 0.95	65.52 -3.13 4.18	73.36 -3.39 1.22	50.59 -2.16 0.14	84.82 -4.33 2.13	61.39 -2.75 0.50	50.73 -2.26 0.00	49.87 -2.03 0.00	110.03 -5.37 4.17	135.20 -5.35 0.00	129.28 -5.21 -0.50	113.25 -4.54 -0.01	78.64 -2.82 -1.41	57.56 -1.50 -4.04	85.03 -1.84 -0.06	61.31 -0.63 -6.86	72.64 -1.05 -2.50	54.44 -1.42 -4.10	101.54 -3.61 0.00	97.13 -3.46 0.00	62.53 -1.94 -0.14	49.52 -1.08 -0.31
STA_82___115KV_TB1 80780	55.52 -2.64 2.57	73.12 -3.78 3.94	64.98 -3.57 0.96	65.01 -3.60 4.22	72.83 -3.91 1.23	50.24 -2.51 0.14	84.16 -4.96 2.15	60.90 -3.23 0.51	50.32 -2.67 0.00	49.45 -2.44 0.00	109.02 -6.34 4.21	134.00 -6.54 0.00	128.12 -6.37 -0.50	112.25 -5.53 -0.01	77.97 -3.51 -1.42	57.09 -1.99 -4.06	84.27 -2.60 -0.06	60.84 -1.14 -6.89	72.00 -1.70 -2.51	54.00 -1.88 -4.11	100.69 -4.46 0.00	96.28 -4.31 0.00	62.01 -2.47 -0.14	49.14 -1.46 -0.31
STEEL___WIND 323596	50.91 -5.18 4.64	63.99 -7.10 9.75	61.25 -6.51 1.74	58.62 -6.59 7.61	68.50 -7.26 2.22	47.70 -4.74 0.46	75.79 -8.93 6.56	54.17 -5.89 4.58	45.80 -4.85 2.33	41.80 -4.41 5.68	85.00 -11.37 23.20	109.30 -12.11 19.13	109.19 -11.52 13.28	106.99 -10.16 0.63	73.96 -6.55 -0.45	56.61 -3.96 -5.55	81.53 -5.36 -0.09	61.68 -2.72 -9.32	70.73 -3.86 -3.39	53.56 -3.77 -5.56	96.09 -8.29 0.77	92.68 -7.92 0.00	60.04 -4.48 -0.19	47.97 -2.73 -0.42
STEPHTWN_115KV_BK_2 55603	64.04 3.31 0.00	84.85 4.01 0.00	72.68 3.17 0.00	76.43 3.61 0.00	81.75 3.78 0.00	59.85 2.78 -4.18	100.49 4.83 -4.38	161.17 3.81 -92.73	89.26 2.89 -33.39	55.08 3.18 0.00	446.77 7.21 -319.99	149.32 8.77 0.00	161.23 8.28 -18.97	125.26 7.42 -0.06	103.60 4.95 -18.60	122.43 3.15 -64.26	92.22 4.79 -0.62	125.01 3.19 -66.74	99.58 4.12 -24.26	94.56 2.98 -39.82	111.05 5.89 0.00	106.13 5.53 0.00	69.14 3.47 -1.33	56.21 2.89 -3.04
STEUBEN_REC_LFGE 323667	39.96 -5.75 15.02	55.39 -7.99 17.46	56.72 -7.01 5.77	40.66 -6.82 25.33	62.94 -7.65 7.38	45.15 -5.07 2.67	75.37 -9.04 6.87	68.08 -5.78 -9.22	55.42 -4.13 -6.56	61.00 -3.11 -12.21	134.94 -8.46 -23.83	172.32 -9.36 -41.14	156.19 -9.16 -31.36	111.48 -7.69 -1.39	82.09 -3.70 -5.74	61.39 -1.28 -7.65	85.95 -0.96 -0.11	67.47 0.12 -12.28	75.18 -0.47 -4.46	57.64 -1.45 -7.32	103.74 -3.07 -1.66	97.01 -3.59 0.00	61.86 -2.73 -0.24	49.17 -1.67 -0.56
STILLWATER___SOLAR 323814	64.02 3.30 0.00	84.98 4.14 0.00	72.80 3.30 0.00	76.53 3.71 0.00	81.93 3.96 0.00	60.05 2.85 -4.31	103.76 5.03 -7.45	226.12 3.90 -157.59	112.83 3.10 -56.75	55.06 3.16 0.00	670.68 7.37 -543.74	149.37 8.82 0.00	173.41 9.21 -30.20	126.05 8.20 -0.06	109.30 5.92 -23.33	145.43 4.08 -86.33	93.98 6.54 -0.64	128.14 4.26 -68.80	101.56 5.36 -25.01	96.58 3.77 -41.05	112.45 7.30 0.00	107.55 6.95 0.00	70.06 4.35 -1.37	56.80 3.39 -3.13
STONY___BROOK 24151	72.74 6.09 -5.92	88.13 7.27 -0.02	75.20 5.70 0.00	78.75 5.93 0.00	84.40 6.43 0.00	61.09 4.87 -3.33	150.48 8.41 -50.79	189.04 6.21 -118.20	63.91 4.90 -6.03	60.10 5.25 -2.95	211.76 12.68 -79.51	178.37 16.02 -21.80	159.07 15.26 -9.82	143.12 13.48 -11.86	114.00 9.45 -24.49	114.81 6.49 -53.30	111.59 10.34 -14.46	123.67 6.46 -62.13	108.58 8.24 -29.15	102.61 5.94 -44.90	125.46 11.29 -9.01	122.73 10.82 -11.31	72.21 6.78 -1.10	57.92 5.14 -2.49
STURGEON_POOL_HYD 23609	64.40 3.67 0.00	85.06 4.22 0.00	72.86 3.36 0.00	76.57 3.74 0.00	82.10 4.12 0.00	59.51 3.20 -3.42	98.09 5.61 -1.20	94.01 3.89 -25.48	65.51 3.36 -9.17	55.52 3.63 0.00	216.27 8.82 -87.88	151.91 11.37 0.00	151.33 10.48 -6.86	126.39 8.56 -0.05	98.35 6.23 -12.06	96.08 4.39 -36.68	94.40 7.08 -0.52	115.69 4.54 -56.08	97.48 5.91 -20.39	89.33 4.11 -33.46	112.83 7.68 0.00	107.82 7.23 0.00	69.99 4.54 -1.12	56.23 3.40 -2.55
ST_LAW_115_BK7_LBMP 345037	60.05 -0.67 0.00	80.44 -0.40 0.00	69.48 -0.03 0.00	72.39 -0.43 0.00	77.49 -0.48 0.00	52.19 -0.71 0.00	90.16 -1.11 0.00	64.00 -0.64 0.00	52.42 -0.56 0.00	50.96 -0.93 0.00	117.88 -1.69 0.00	137.29 -3.26 0.00	130.66 -3.33 0.00	115.05 -2.73 0.00	77.89 -2.17 0.00	53.09 -1.93 0.00	83.66 -3.14 0.00	52.89 -2.19 0.00	68.47 -2.72 0.00	50.12 -1.65 0.00	102.58 -2.57 0.00	98.37 -2.23 0.00	63.08 -1.26 0.00	49.26 -1.02 0.00

ST_LAW_115_BK8_LBMP 345038	60.05 -0.67 0.00	80.44 -0.40 0.00	69.48 -0.03 0.00	72.39 -0.43 0.00	77.49 -0.48 0.00	52.19 -0.71 0.00	90.16 -1.11 0.00	64.00 -0.64 0.00	52.42 -0.56 0.00	50.96 -0.93 0.00	117.88 -1.69 0.00	137.29 -3.26 0.00	130.66 -3.33 0.00	115.05 -2.73 0.00	77.89 -2.17 0.00	53.09 -1.93 0.00	83.66 -3.14 0.00	52.89 -2.19 0.00	68.47 -2.72 0.00	50.12 -1.65 0.00	102.58 -2.57 0.00	98.37 -2.23 0.00	63.08 -1.26 0.00	49.26 -1.02 0.00
ST_LAW_230_BK5_LBMP 345035	60.06 -0.67 0.00	80.43 -0.41 0.00	69.45 -0.05 0.00	72.38 -0.44 0.00	77.49 -0.49 0.00	52.20 -0.69 0.00	90.21 -1.07 0.00	64.00 -0.64 0.00	52.43 -0.56 0.00	51.02 -0.88 0.00	117.92 -1.66 0.00	137.51 -3.04 0.00	130.87 -3.12 0.00	115.16 -2.62 0.00	77.98 -2.08 0.00	53.23 -1.79 0.00	83.87 -2.94 0.00	53.04 -2.04 0.00	68.67 -2.53 0.00	50.23 -1.53 0.00	102.74 -2.42 0.00	98.45 -2.15 0.00	63.12 -1.22 0.00	49.30 -0.98 0.00
ST_LAW_230_BK6_LBMP 345036	60.06 -0.67 0.00	80.43 -0.41 0.00	69.45 -0.05 0.00	72.38 -0.44 0.00	77.49 -0.49 0.00	52.20 -0.69 0.00	90.21 -1.07 0.00	64.00 -0.64 0.00	52.43 -0.56 0.00	51.02 -0.88 0.00	117.92 -1.66 0.00	137.51 -3.04 0.00	130.87 -3.12 0.00	115.16 -2.62 0.00	77.98 -2.08 0.00	53.23 -1.79 0.00	83.87 -2.94 0.00	53.04 -2.04 0.00	68.67 -2.53 0.00	50.23 -1.53 0.00	102.74 -2.42 0.00	98.45 -2.15 0.00	63.12 -1.22 0.00	49.30 -0.98 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	63.87 3.15 0.00	84.36 3.51 0.00	72.25 2.75 0.00	75.88 3.07 0.00	81.34 3.37 0.00	58.66 2.66 -3.10	96.66 4.66 -0.73	83.44 3.39 -15.42	61.45 2.92 -5.55	55.07 3.17 0.00	180.41 7.69 -53.15	150.33 9.79 0.00	147.89 9.00 -4.91	125.49 7.66 -0.05	95.99 5.48 -10.45	89.70 3.84 -30.84	93.38 6.11 -0.48	110.12 3.97 -51.07	94.87 5.11 -18.56	85.84 3.60 -30.47	111.75 6.59 0.00	106.79 6.20 0.00	69.23 3.88 -1.02	55.56 2.95 -2.32
SWANROAD_115KV_TB1 355699	50.78 -5.96 3.99	64.74 -7.99 8.11	60.63 -7.37 1.50	58.81 -7.47 6.54	67.79 -8.28 1.91	47.01 -5.53 0.36	75.48 -10.43 5.36	53.76 -7.32 3.56	45.07 -6.15 1.76	42.07 -5.52 4.30	87.31 -13.93 18.34	111.01 -15.05 14.48	109.26 -14.79 9.94	103.54 -13.76 0.48	71.75 -8.97 -0.66	54.30 -5.82 -5.11	78.69 -8.19 -0.08	59.03 -4.64 -8.60	68.14 -6.18 -3.13	51.33 -5.56 -5.13	92.89 -11.69 0.58	89.23 -11.36 0.00	57.94 -6.57 -0.17	46.37 -4.30 -0.39
SYNERGY___BIOGAS 323694	54.48 -2.85 3.40	70.29 -4.02 6.52	64.30 -3.93 1.27	63.33 -3.91 5.58	72.00 -4.35 1.63	49.81 -2.81 0.27	81.58 -5.52 4.17	58.60 -3.55 2.49	48.85 -2.98 1.16	46.49 -2.59 2.82	99.35 -6.90 13.32	124.03 -7.01 9.51	120.45 -7.17 6.36	110.67 -6.79 0.31	76.74 -4.21 -0.89	57.35 -2.34 -4.67	84.10 -2.78 -0.07	61.91 -1.06 -7.88	72.44 -1.62 -2.87	54.33 -2.14 -4.70	99.78 -5.00 0.38	95.56 -5.03 0.00	61.65 -2.84 -0.16	49.01 -1.63 -0.36
SYRACUSE___ENERGY_ST1 323597	60.48 -0.25 0.00	80.37 -0.47 0.00	68.80 -0.71 0.00	72.26 -0.56 0.00	77.43 -0.54 0.00	53.01 -0.24 -0.35	90.62 -0.66 0.00	64.36 -0.28 0.00	52.84 -0.15 0.00	51.88 -0.02 0.00	119.12 -0.45 0.00	140.69 0.15 0.00	134.14 0.16 0.00	117.88 0.09 0.00	81.28 0.34 -0.89	57.78 0.53 -2.22	87.94 1.08 -0.05	61.74 0.88 -5.78	74.28 0.99 -2.10	55.66 0.45 -3.45	105.69 0.54 0.00	100.99 0.40 0.00	64.57 0.12 -0.12	50.76 0.22 -0.26
SYRACUSE___ENERGY_ST2 323598	60.48 -0.25 0.00	80.37 -0.47 0.00	68.80 -0.71 0.00	72.26 -0.56 0.00	77.43 -0.54 0.00	53.01 -0.24 -0.35	90.62 -0.66 0.00	64.36 -0.28 0.00	52.84 -0.15 0.00	51.88 -0.02 0.00	119.12 -0.45 0.00	140.69 0.15 0.00	134.14 0.16 0.00	117.88 0.09 0.00	81.28 0.34 -0.89	57.78 0.53 -2.22	87.94 1.08 -0.05	61.74 0.88 -5.78	74.28 0.99 -2.10	55.66 0.45 -3.45	105.69 0.54 0.00	100.99 0.40 0.00	64.57 0.12 -0.12	50.76 0.22 -0.26
SYRACUSE___POWER 24017	61.34 -0.59 -1.20	81.73 -0.95 -1.84	68.94 -1.04 -0.47	73.91 -0.98 -2.07	77.58 -1.00 -0.60	52.99 -0.56 -0.66	91.12 -1.19 -1.04	64.17 -0.70 -0.24	52.48 -0.51 0.00	51.54 -0.36 0.00	120.44 -1.09 -1.96	139.82 -0.72 0.00	133.43 -0.55 0.00	117.29 -0.50 -0.01	80.86 -0.14 -0.94	57.54 0.16 -2.36	87.28 0.43 -0.06	61.67 0.46 -6.14	73.92 0.50 -2.23	55.55 0.12 -3.66	105.02 -0.13 0.00	100.33 -0.26 0.00	64.22 -0.24 -0.12	50.47 -0.09 -0.28
TALLMAN___138KV_BK151 55660	64.06 3.33 0.00	84.49 3.65 0.00	72.34 2.83 0.00	75.95 3.13 0.00	81.41 3.44 0.00	58.83 2.76 -3.18	96.90 4.87 -0.75	84.05 3.55 -15.87	61.78 3.09 -5.71	55.23 3.34 0.00	182.45 8.20 -54.68	150.99 10.44 0.00	148.60 9.58 -5.04	125.94 8.12 -0.05	96.58 5.80 -10.72	90.75 4.09 -31.65	93.75 6.46 -0.49	111.65 4.20 -52.38	95.63 5.39 -19.04	86.85 3.83 -31.25	112.13 6.98 0.00	107.14 6.55 0.00	69.48 4.10 -1.05	55.73 3.07 -2.38
TEALLAVE_115KV_TB7 355573	59.71 -1.02 0.00	79.31 -1.53 0.00	67.98 -1.52 0.00	71.32 -1.50 0.00	76.42 -1.55 0.00	52.26 -0.95 -0.31	89.38 -1.90 0.00	63.43 -1.21 0.00	52.05 -0.93 0.00	51.11 -0.78 0.00	117.49 -2.08 0.00	138.64 -1.90 0.00	132.26 -1.73 0.00	116.27 -1.51 0.00	80.00 -0.84 -0.78	56.64 -0.34 -1.97	86.49 -0.36 -0.05	60.14 -0.05 -5.12	72.88 -0.17 -1.86	54.47 -0.34 -3.05	104.07 -1.09 0.00	99.45 -1.14 0.00	63.65 -0.79 -0.10	50.01 -0.51 -0.23
TELGRAPH_34_KV_EAST 80808	52.74 -4.33 3.65	67.68 -5.93 7.23	62.58 -5.56 1.37	61.23 -5.60 5.99	70.02 -6.21 1.75	48.51 -4.08 0.31	78.67 -7.89 4.71	56.32 -5.32 2.99	47.06 -4.48 1.44	44.38 -3.99 3.52	93.59 -10.32 15.66	117.77 -10.91 11.87	115.13 -10.79 8.06	107.49 -9.90 0.39	74.46 -6.37 -0.77	55.95 -3.92 -4.85	81.63 -5.25 -0.08	60.54 -2.72 -8.18	70.41 -3.76 -2.97	52.90 -3.74 -4.88	96.49 -8.19 0.48	92.59 -8.00 0.00	59.86 -4.64 -0.16	47.71 -2.94 -0.37
TEMPLE___115KV_TB 2 55572	59.74 -0.98 0.00	79.35 -1.49 0.00	68.02 -1.49 0.00	71.36 -1.46 0.00	76.44 -1.54 0.00	52.28 -0.93 -0.32	89.43 -1.85 0.00	63.46 -1.18 0.00	52.07 -0.92 0.00	51.14 -0.76 0.00	117.53 -2.04 0.00	138.70 -1.85 0.00	132.35 -1.64 0.00	116.33 -1.45 0.00	80.04 -0.82 -0.80	56.71 -0.30 -2.00	86.53 -0.32 -0.05	60.27 -0.01 -5.20	72.96 -0.13 -1.89	54.57 -0.30 -3.10	104.13 -1.02 0.00	99.52 -1.07 0.00	63.70 -0.74 -0.10	50.06 -0.46 -0.24
TIANA____69_KV_BK 1 55817	73.94 7.28 -5.93	89.24 8.39 -0.02	75.93 6.42 0.00	79.27 6.45 0.00	84.83 6.86 0.00	61.39 5.17 -3.33	151.03 8.96 -50.79	189.46 6.62 -118.20	64.26 5.25 -6.03	60.28 5.45 -2.93	211.34 12.44 -79.33	178.27 16.17 -21.55	159.23 15.64 -9.61	142.97 13.73 -11.46	113.77 9.68 -24.03	114.18 6.68 -52.48	111.56 10.81 -13.95	123.66 6.85 -61.73	108.65 8.73 -28.73	102.45 6.21 -44.48	125.39 11.64 -8.59	122.49 10.97 -10.92	72.40 6.97 -1.10	58.18 5.41 -2.49
TILDEN___115KV_TB1 80814	61.34 -0.59 -1.20	81.73 -0.95 -1.84	68.94 -1.04 -0.47	73.91 -0.98 -2.07	77.58 -1.00 -0.60	52.99 -0.56 -0.66	91.12 -1.19 -1.04	64.17 -0.70 -0.24	52.48 -0.51 0.00	51.54 -0.36 0.00	120.44 -1.09 -1.96	139.82 -0.72 0.00	133.43 -0.55 0.00	117.29 -0.50 -0.01	80.86 -0.14 -0.94	57.54 0.16 -2.36	87.28 0.43 -0.06	61.67 0.46 -6.14	73.92 0.50 -2.23	55.55 0.12 -3.66	105.02 -0.13 0.00	100.33 -0.26 0.00	64.22 -0.24 -0.12	50.47 -0.09 -0.28

TRIGEN___CC 323695	68.82 4.90 -3.19	86.40 5.55 0.00	73.80 4.30 0.00	77.42 4.60 0.00	82.99 5.01 0.00	60.10 3.88 -3.33	148.78 6.71 -50.79	187.92 5.09 -118.20	63.22 4.20 -6.03	62.93 4.52 -6.52	242.54 11.24 -111.73	221.30 14.28 -66.47	195.22 13.25 -47.99	212.86 11.53 -83.55	193.13 8.16 -104.92	257.72 5.64 -197.07	199.01 8.92 -103.29	192.19 5.71 -131.41	181.22 7.42 -102.61	175.84 5.27 -118.81	198.32 9.87 -83.30	189.79 9.23 -79.96	71.12 5.68 -1.11	57.04 4.26 -2.50
TRINITY___115KV___4 BK 55933	63.35 2.62 0.00	84.03 3.19 0.00	72.08 2.58 0.00	75.81 2.99 0.00	81.12 3.15 0.00	59.36 2.28 -4.19	99.62 3.81 -4.54	163.52 2.93 -95.95	89.88 2.34 -34.56	54.40 2.50 0.00	456.72 6.03 -331.12	147.82 7.28 0.00	160.22 6.71 -19.53	123.82 5.98 -0.06	102.80 3.90 -18.84	122.81 2.42 -65.38	90.96 3.53 -0.62	124.29 2.32 -66.88	98.55 3.05 -24.31	93.89 2.22 -39.90	109.59 4.44 0.00	104.92 4.33 0.00	68.44 2.77 -1.33	55.67 2.35 -3.04
UNION___PROCESSING_DRP 323587	55.53 -2.63 2.57	73.13 -3.78 3.94	65.00 -3.54 0.96	65.03 -3.58 4.21	72.84 -3.91 1.23	50.25 -2.50 0.14	84.18 -4.95 2.15	60.93 -3.20 0.51	50.35 -2.64 0.00	49.47 -2.42 0.00	109.05 -6.32 4.20	134.06 -6.48 0.00	128.16 -6.32 -0.50	112.31 -5.48 -0.01	78.00 -3.48 -1.42	57.12 -1.97 -4.06	84.29 -2.57 -0.06	60.86 -1.12 -6.90	72.03 -1.67 -2.51	54.03 -1.85 -4.12	100.69 -4.46 0.00	96.31 -4.29 0.00	62.03 -2.45 -0.14	49.15 -1.45 -0.31
UPPER HUDSON___HYD 24058	63.17 2.45 0.00	83.79 2.94 0.00	71.77 2.27 0.00	75.48 2.66 0.00	80.87 2.89 0.00	59.35 2.12 -4.33	102.87 3.88 -7.71	230.98 3.22 -163.12	114.36 2.64 -58.74	54.56 2.66 0.00	688.45 6.06 -562.82	147.89 7.34 0.00	174.87 9.71 -31.17	126.95 9.10 -0.06	110.45 6.63 -23.76	147.92 4.60 -88.30	94.95 7.50 -0.64	129.16 4.92 -69.17	102.44 6.11 -25.14	97.28 4.25 -41.27	113.33 8.17 0.00	108.28 7.69 0.00	70.50 4.78 -1.38	57.14 3.71 -3.15
UPPER RAQUET___HYD 24056	60.19 -0.54 0.00	80.68 -0.16 0.00	69.66 0.16 0.00	72.54 -0.28 0.00	77.34 -0.63 0.00	51.61 -1.29 0.00	88.19 -3.08 0.00	62.99 -1.65 0.00	51.53 -1.46 0.00	49.86 -2.04 0.00	116.86 -2.71 0.00	134.99 -5.56 0.00	128.45 -5.54 0.00	113.71 -4.06 0.00	77.05 -3.00 0.00	51.96 -3.05 0.00	82.40 -4.40 0.00	51.97 -3.11 0.00	67.50 -3.69 0.00	49.38 -2.38 0.00	101.15 -4.01 0.00	98.12 -2.47 0.00	63.33 -1.01 0.00	49.51 -0.78 0.00
VALLEY44_115KV_TB2 355964	50.97 -4.13 5.63	65.32 -5.81 9.71	61.89 -5.51 2.11	58.25 -5.35 9.22	69.40 -5.89 2.69	48.53 -3.76 0.60	78.93 -6.73 5.61	61.01 -4.65 -1.02	49.61 -3.74 -0.36	46.46 -3.15 2.28	108.03 -8.48 3.07	124.09 -8.77 7.69	121.94 -7.51 4.54	110.86 -6.67 0.25	77.77 -3.87 -1.58	59.39 -2.12 -6.48	84.36 -2.54 -0.10	63.96 -1.61 -10.49	72.74 -2.27 -3.81	55.40 -2.62 -6.26	99.29 -5.55 0.31	95.51 -5.08 0.00	61.72 -2.82 -0.21	49.14 -1.61 -0.48
VALLEY___115KV_TB 1-4 80826	62.04 1.31 0.00	82.38 1.54 0.00	70.59 1.08 0.00	74.28 1.46 0.00	79.63 1.66 0.00	54.01 1.12 0.00	93.01 1.73 0.00	65.77 1.13 0.00	54.04 1.05 0.00	53.22 1.32 0.00	122.75 3.18 0.00	145.22 4.68 0.00	138.59 4.61 0.00	121.57 3.79 0.00	82.92 2.86 0.00	57.12 2.10 0.00	90.44 3.64 0.00	57.53 2.45 0.00	74.29 3.10 0.00	53.89 2.13 0.00	109.06 3.90 0.00	104.01 3.42 0.00	66.32 1.98 0.00	51.75 1.47 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	64.59 3.86 0.00	85.74 4.90 0.00	73.54 4.04 0.00	77.33 4.51 0.00	82.85 4.88 0.00	57.90 3.54 -1.47	98.48 6.17 -1.04	91.14 4.51 -21.99	64.76 3.86 -7.92	55.89 4.00 0.00	204.21 8.77 -75.87	151.40 10.85 0.00	149.70 10.51 -5.20	126.37 8.57 -0.02	92.52 6.32 -6.15	79.96 4.65 -20.29	94.45 7.43 -0.22	83.83 4.83 -23.92	85.97 6.08 -8.69	70.24 4.21 -14.27	113.09 7.94 0.00	108.10 7.51 0.00	69.30 4.48 -0.48	54.74 3.37 -1.09
VISCHER___FERRY HYD 24020	63.88 3.15 0.00	84.74 3.90 0.00	72.62 3.12 0.00	76.38 3.56 0.00	81.70 3.73 0.00	59.83 2.70 -4.24	102.48 4.66 -6.55	206.86 3.65 -138.57	105.80 2.92 -49.90	54.92 3.02 0.00	604.93 7.19 -478.16	149.00 8.46 0.00	168.99 8.11 -26.90	125.03 7.18 -0.06	106.95 5.04 -21.86	137.99 3.33 -79.64	92.65 5.22 -0.63	126.19 3.38 -67.74	100.10 4.28 -24.62	95.26 3.08 -40.41	111.13 5.97 0.00	106.33 5.74 0.00	69.32 3.64 -1.35	56.24 2.88 -3.08
V_A_10_SYNC_DSASP 323832	52.94 -4.56 3.23	68.34 -6.27 6.24	62.53 -5.76 1.21	61.68 -5.85 5.30	70.04 -6.38 1.55	48.45 -4.20 0.24	79.23 -8.05 4.00	56.76 -5.46 2.41	47.32 -4.54 1.13	44.86 -4.28 2.75	95.98 -10.74 12.86	119.77 -11.49 9.28	116.65 -11.12 6.21	107.75 -9.73 0.30	74.64 -6.29 -0.87	55.73 -3.85 -4.56	81.45 -5.42 -0.07	59.91 -2.88 -7.72	70.02 -3.97 -2.80	52.66 -3.71 -4.60	96.44 -8.33 0.37	92.72 -7.87 0.00	59.99 -4.50 -0.15	47.83 -2.80 -0.35
V_CMM_10_SYNC_DSASP 323787	60.34 -0.38 0.00	80.85 0.01 0.00	69.82 0.32 0.00	72.78 -0.04 0.00	77.91 -0.06 0.00	52.46 -0.43 0.00	90.65 -0.62 0.00	64.34 -0.30 0.00	52.70 -0.28 0.00	51.25 -0.65 0.00	118.53 -1.04 0.00	138.06 -2.49 0.00	131.39 -2.59 0.00	115.70 -2.08 0.00	78.32 -1.74 0.00	53.40 -1.62 0.00	84.15 -2.66 0.00	53.22 -1.86 0.00	68.89 -2.31 0.00	50.41 -1.35 0.00	103.13 -2.02 0.00	98.90 -1.69 0.00	63.45 -0.89 0.00	49.55 -0.73 0.00
V_CMP_10_SYNC_DSASP 323788	61.00 0.28 0.00	81.55 0.71 0.00	70.09 0.59 0.00	73.12 0.30 0.00	78.45 0.48 0.00	52.19 -0.70 0.00	89.70 -1.57 0.00	63.50 -1.13 0.00	52.08 -0.90 0.00	50.88 -1.01 0.00	117.88 -1.69 0.00	138.27 -2.28 0.00	130.86 -3.13 0.00	115.13 -2.65 0.00	78.28 -1.77 0.00	53.73 -1.29 0.00	84.72 -2.08 0.00	53.80 -1.27 0.00	69.65 -1.54 0.00	50.92 -0.84 0.00	103.90 -1.25 0.00	99.35 -1.24 0.00	63.80 -0.53 0.00	49.85 -0.43 0.00
V_D_10_SYNC_DSASP 323841	60.58 -0.14 0.00	81.19 0.35 0.00	70.12 0.62 0.00	73.05 0.24 0.00	78.16 0.19 0.00	52.57 -0.32 0.00	90.71 -0.57 0.00	64.63 -0.01 0.00	52.86 -0.12 0.00	51.22 -0.68 0.00	119.10 -0.47 0.00	137.94 -2.60 0.00	131.30 -2.69 0.00	116.06 -1.72 0.00	78.58 -1.47 0.00	53.34 -1.68 0.00	84.27 -2.53 0.00	53.13 -1.95 0.00	68.90 -2.29 0.00	50.43 -1.34 0.00	103.17 -1.98 0.00	99.22 -1.37 0.00	63.72 -0.62 0.00	49.78 -0.50 0.00
V_E_10_SYNC_DSASP 323830	69.20 1.37 -7.11	93.72 1.51 -11.37	73.29 0.89 -2.90	86.56 1.04 -12.71	82.95 1.27 -3.70	56.82 1.15 -2.78	100.72 2.19 -7.25	78.89 2.04 -12.21	59.00 1.95 -4.07	55.02 2.15 -0.97	174.22 5.22 -49.43	151.75 7.92 -3.28	148.02 8.99 -5.04	125.09 7.19 -0.13	89.89 5.60 -4.23	71.76 4.29 -12.44	94.67 7.71 -0.16	78.23 5.80 -17.35	85.05 7.55 -6.31	67.62 5.50 -10.35	116.29 11.01 -0.13	110.54 9.94 0.00	69.51 4.83 -0.35	54.67 3.60 -0.79
V_F_30_NSYNC___DSASP 323816	64.06 3.33 0.00	85.03 4.19 0.00	72.82 3.32 0.00	76.58 3.76 0.00	81.98 4.01 0.00	60.10 2.88 -4.32	103.90 5.06 -7.57	228.62 3.91 -160.07	113.73 3.10 -57.64	55.09 3.19 0.00	679.24 7.39 -552.29	149.42 8.88 0.00	173.91 9.29 -30.63	126.12 8.27 -0.06	109.52 5.95 -23.52	146.36 4.13 -87.21	94.05 6.61 -0.64	128.35 4.31 -68.97	101.68 5.42 -25.07	96.72 3.81 -41.14	112.52 7.37 0.00	107.62 7.03 0.00	70.10 4.39 -1.38	56.84 3.42 -3.14



V_F_30_SYNC_DSASP 323786	63.52 2.79 0.00	84.27 3.43 0.00	72.27 2.77 0.00	76.01 3.19 0.00	81.35 3.38 0.00	59.56 2.44 -4.22	100.70 4.09 -5.33	180.55 3.06 -112.85	96.10 2.48 -40.64	54.54 2.64 0.00	515.32 6.34 -389.41	148.26 7.71 0.00	163.63 7.19 -22.45	124.20 6.36 -0.06	104.31 4.18 -20.07	128.79 2.65 -71.12	91.34 3.91 -0.63	125.07 2.56 -67.43	99.05 3.35 -24.51	94.41 2.42 -40.23	110.00 4.85 0.00	105.29 4.70 0.00	68.66 2.98 -1.34	55.86 2.51 -3.07
V_XM_10_SYNC_DSASP 323789	61.00 0.28 0.00	81.55 0.71 0.00	70.09 0.59 0.00	73.12 0.30 0.00	78.45 0.48 0.00	52.19 -0.70 0.00	89.70 -1.57 0.00	63.50 -1.13 0.00	52.08 -0.90 0.00	50.88 -1.01 0.00	117.88 -1.69 0.00	138.27 -2.28 0.00	130.86 -3.13 0.00	115.13 -2.65 0.00	78.28 -1.77 0.00	53.73 -1.29 0.00	84.72 -2.08 0.00	53.80 -1.27 0.00	69.65 -1.54 0.00	50.92 -0.84 0.00	103.90 -1.25 0.00	99.35 -1.24 0.00	63.80 -0.53 0.00	49.85 -0.43 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	64.25 3.52 0.00	84.76 3.92 0.00	72.56 3.06 0.00	76.18 3.35 0.00	81.66 3.68 0.00	59.03 2.94 -3.20	97.18 5.15 -0.75	84.35 3.75 -15.97	61.98 3.25 -5.74	55.40 3.51 0.00	183.23 8.65 -55.02	151.55 11.00 0.00	149.17 10.11 -5.07	126.42 8.59 -0.05	96.96 6.13 -10.78	91.13 4.29 -31.82	94.10 6.81 -0.49	112.16 4.42 -52.66	96.03 5.69 -19.14	87.22 4.04 -31.42	112.55 7.40 0.00	107.54 6.95 0.00	69.73 4.34 -1.05	55.94 3.26 -2.40
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	64.62 3.89 0.00	85.24 4.40 0.00	72.98 3.48 0.00	76.59 3.77 0.00	82.12 4.15 0.00	59.50 3.28 -3.33	97.80 5.74 -0.79	85.49 4.11 -16.75	62.58 3.57 -6.03	55.80 3.90 0.00	186.77 9.47 -57.72	152.63 12.08 0.00	150.57 11.28 -5.30	127.59 9.76 -0.05	98.21 6.93 -11.23	92.98 4.80 -33.16	94.85 7.54 -0.51	114.75 4.85 -54.82	97.41 6.29 -19.93	88.93 4.46 -32.71	113.35 8.20 0.00	108.31 7.71 0.00	70.29 4.86 -1.09	56.46 3.69 -2.49
W50THST__13_KV_LOAD 356117	64.85 4.13 0.00	85.53 4.69 0.00	73.20 3.70 0.00	76.81 3.99 0.00	82.36 4.39 0.00	59.68 3.46 -3.33	98.14 6.08 -0.79	85.74 4.35 -16.75	62.80 3.79 -6.03	56.02 4.12 0.00	187.30 10.00 -57.72	153.32 12.77 0.00	151.26 11.98 -5.30	128.18 10.35 -0.05	98.63 7.34 -11.23	93.26 5.08 -33.16	95.31 7.99 -0.51	115.02 5.13 -54.82	97.77 6.65 -19.93	89.18 4.72 -32.71	113.82 8.66 0.00	108.73 8.14 0.00	70.56 5.13 -1.09	56.66 3.88 -2.49
WADING RIVER_IC_1 23522	73.32 6.66 -5.93	88.74 7.88 -0.02	75.61 6.11 0.00	79.06 6.25 0.00	84.68 6.70 0.00	61.28 5.06 -3.33	150.84 8.77 -50.79	189.32 6.49 -118.20	64.16 5.14 -6.03	60.18 5.35 -2.93	211.34 12.46 -79.31	178.13 16.06 -21.52	159.07 15.49 -9.59	142.80 13.60 -11.42	113.61 9.56 -23.99	114.04 6.61 -52.41	111.35 10.64 -13.91	123.52 6.74 -61.70	108.50 8.62 -28.69	102.32 6.12 -44.44	125.25 11.55 -8.55	122.39 10.91 -10.89	72.31 6.87 -1.10	58.08 5.31 -2.49
WADING RIVER_IC_2 23547	73.32 6.66 -5.93	88.74 7.88 -0.02	75.61 6.11 0.00	79.06 6.25 0.00	84.68 6.70 0.00	61.28 5.06 -3.33	150.84 8.77 -50.79	189.32 6.49 -118.20	64.16 5.14 -6.03	60.18 5.35 -2.93	211.34 12.46 -79.31	178.13 16.06 -21.52	159.07 15.49 -9.59	142.80 13.60 -11.42	113.61 9.56 -23.99	114.04 6.61 -52.41	111.35 10.64 -13.91	123.52 6.74 -61.70	108.50 8.62 -28.69	102.32 6.12 -44.44	125.25 11.55 -8.55	122.39 10.91 -10.89	72.31 6.87 -1.10	58.08 5.31 -2.49
WADING RIVER_IC_3 23601	73.32 6.66 -5.93	88.74 7.88 -0.02	75.61 6.11 0.00	79.06 6.25 0.00	84.68 6.70 0.00	61.28 5.06 -3.33	150.84 8.77 -50.79	189.32 6.49 -118.20	64.16 5.14 -6.03	60.18 5.35 -2.93	211.34 12.46 -79.31	178.13 16.06 -21.52	159.07 15.49 -9.59	142.80 13.60 -11.42	113.61 9.56 -23.99	114.04 6.61 -52.41	111.35 10.64 -13.91	123.52 6.74 -61.70	108.50 8.62 -28.69	102.32 6.12 -44.44	125.25 11.55 -8.55	122.39 10.91 -10.89	72.31 6.87 -1.10	58.08 5.31 -2.49
WALDENNY_12_KV_BK2 80841	51.14 -5.01 4.57	64.39 -6.88 9.57	61.46 -6.33 1.71	58.91 -6.42 7.50	68.74 -7.05 2.19	47.84 -4.61 0.45	76.09 -8.76 6.42	54.37 -5.80 4.46	45.91 -4.81 2.26	42.03 -4.34 5.52	85.69 -11.22 22.66	110.10 -11.84 18.61	109.76 -11.32 12.90	107.08 -10.08 0.61	74.05 -6.49 -0.48	56.56 -3.97 -5.50	81.59 -5.29 -0.09	61.63 -2.69 -9.24	70.75 -3.80 -3.36	53.52 -3.76 -5.51	96.18 -8.23 0.75	92.69 -7.90 0.00	60.06 -4.46 -0.18	47.97 -2.73 -0.42
WALDEN__HYDRO 24148	64.31 3.58 0.00	84.92 4.08 0.00	72.74 3.24 0.00	76.39 3.58 0.00	81.90 3.93 0.00	59.16 3.05 -3.22	97.41 5.34 -0.79	85.26 3.88 -16.74	62.33 3.32 -6.03	55.47 3.57 0.00	185.93 8.64 -57.72	151.49 10.94 0.00	149.33 10.12 -5.22	126.50 8.67 -0.05	97.12 6.16 -10.90	91.59 4.32 -32.25	94.18 6.89 -0.49	112.57 4.47 -53.03	96.22 5.75 -19.28	87.44 4.04 -31.64	112.65 7.49 0.00	107.63 7.03 0.00	69.80 4.41 -1.06	56.05 3.36 -2.41
WARRENSBURG____ 23737	63.17 2.45 0.00	83.79 2.94 0.00	71.77 2.27 0.00	75.48 2.66 0.00	80.87 2.89 0.00	59.35 2.12 -4.33	102.87 3.88 -7.71	230.98 3.22 -163.12	114.36 2.64 -58.74	54.56 2.66 0.00	688.45 6.06 -562.82	147.89 7.34 0.00	174.87 9.71 -31.17	126.95 9.10 -0.06	110.45 6.63 -23.76	147.92 4.60 -88.30	94.95 7.50 -0.64	129.16 4.92 -69.17	102.44 6.11 -25.14	97.28 4.25 -41.27	113.33 8.17 0.00	108.28 7.69 0.00	70.50 4.78 -1.38	57.14 3.71 -3.15
WATERSIDE____6 8 9 23538	48.75 3.99 15.97	85.33 4.48 0.00	73.05 3.54 0.00	76.68 3.85 0.00	82.18 4.21 0.00	59.26 3.34 -3.02	97.51 5.84 -0.40	85.60 4.21 -16.75	62.03 3.64 -5.41	52.77 3.98 3.10	186.93 9.63 -57.73	117.70 12.40 35.25	106.89 11.62 38.72	79.29 10.03 48.52	45.08 7.17 42.14	40.72 4.94 19.23	48.64 7.78 45.93	113.62 4.98 -53.57	93.28 6.48 -15.62	83.17 4.61 -26.80	113.50 8.34 0.00	108.43 7.84 0.00	69.75 4.95 -0.46	52.78 3.77 1.28
WATKINRD_115KV_LN8_ILLION 55919	61.82 1.10 0.00	82.08 1.24 0.00	70.38 0.88 0.00	73.99 1.17 0.00	79.28 1.31 0.00	53.86 0.97 0.00	92.87 1.59 0.00	65.69 1.05 0.00	53.89 0.91 0.00	52.97 1.07 0.00	122.10 2.53 0.00	144.13 3.59 0.00	137.58 3.59 0.00	120.82 3.04 0.00	82.33 2.27 0.00	56.65 1.63 0.00	89.57 2.76 0.00	56.92 1.85 0.00	73.56 2.37 0.00	53.37 1.61 0.00	108.10 2.95 0.00	103.25 2.65 0.00	65.94 1.60 0.00	51.50 1.22 0.00
WATSON__69_KV_BK 1 55734	73.21 6.67 -5.81	88.67 7.81 -0.02	75.62 6.12 0.00	79.28 6.46 0.00	85.06 7.09 0.00	61.54 5.31 -3.33	151.28 9.21 -50.79	189.63 6.79 -118.20	64.45 5.44 -6.03	60.68 5.66 -3.12	214.35 13.71 -81.06	181.91 17.41 -23.96	161.99 16.34 -11.66	147.56 14.46 -15.32	118.53 10.10 -28.37	122.24 6.99 -60.24	116.75 11.20 -18.74	127.67 7.12 -65.47	113.04 9.15 -32.69	106.76 6.53 -48.46	130.12 12.37 -12.60	126.98 11.76 -14.63	72.74 7.31 -1.10	58.25 5.48 -2.49
WDELAWARE__HYD 323627	63.23 2.50 0.00	83.47 2.63 0.00	71.50 1.99 0.00	75.10 2.28 0.00	80.54 2.57 0.00	58.05 2.12 -3.04	95.89 3.78 -0.84	85.11 2.78 -17.69	61.77 2.42 -6.37	54.54 2.65 0.00	187.06 6.48 -61.01	148.99 8.45 0.00	146.96 7.72 -5.25	124.45 6.62 -0.05	95.11 4.66 -10.40	89.40 3.36 -31.02	92.67 5.40 -0.46	108.53 3.53 -49.92	93.89 4.55 -18.15	84.67 3.12 -29.79	110.81 5.65 0.00	105.82 5.23 0.00	68.50 3.16 -0.99	54.90 2.35 -2.27

WEST BABYLON___IC 23714	72.59 6.30 -5.57	88.19 7.33 -0.02	75.22 5.72 0.00	78.89 6.07 0.00	84.62 6.64 0.00	61.23 5.01 -3.33	150.70 8.63 -50.79	189.26 6.43 -118.20	64.18 5.17 -6.03	60.92 5.46 -3.56	217.96 13.39 -84.99	186.99 17.04 -29.41	166.25 15.94 -16.32	155.94 14.10 -24.07	128.09 9.85 -38.18	139.61 6.81 -77.77	127.25 10.87 -29.58	135.94 6.94 -73.92	121.81 8.96 -41.65	115.62 6.38 -57.48	138.87 12.06 -21.66	135.03 11.43 -23.00	72.53 7.09 -1.10	58.06 5.29 -2.49
WEST CANADA___HYD 24049	61.07 0.35 0.00	81.17 0.33 0.00	69.73 0.23 0.00	73.16 0.34 0.00	78.36 0.39 0.00	53.22 0.33 0.00	91.80 0.52 0.00	64.92 0.28 0.00	53.20 0.22 0.00	52.21 0.32 0.00	120.38 0.81 0.00	141.65 1.11 0.00	135.15 1.16 0.00	118.84 1.06 0.00	80.81 0.75 0.00	55.57 0.56 0.00	87.75 0.95 0.00	55.72 0.64 0.00	72.04 0.85 0.00	52.30 0.53 0.00	106.01 0.85 0.00	101.45 0.85 0.00	64.91 0.57 0.00	50.72 0.44 0.00
WESTERN_NY_WIND 24143	54.29 -2.96 3.48	69.91 -4.19 6.75	64.15 -4.05 1.30	63.06 -4.06 5.71	71.83 -4.48 1.66	49.73 -2.89 0.28	81.20 -5.73 4.34	58.25 -3.74 2.65	48.62 -3.12 1.25	46.15 -2.70 3.04	98.21 -7.30 14.05	122.84 -7.46 10.24	119.53 -7.55 6.90	110.40 -7.04 0.34	76.49 -4.42 -0.85	57.26 -2.48 -4.73	83.89 -2.99 -0.07	61.88 -1.17 -7.98	72.30 -1.79 -2.90	54.25 -2.27 -4.76	99.51 -5.24 0.41	95.33 -5.26 0.00	61.52 -2.97 -0.16	48.91 -1.73 -0.36
WESTOVER___LESR 323668	57.71 -0.76 2.26	76.14 -1.23 3.47	67.65 -1.27 0.58	69.07 -1.21 2.55	76.06 -1.17 0.74	53.00 -0.65 -0.76	88.90 -1.20 1.17	70.27 -0.71 -6.35	54.94 -0.49 -2.45	51.71 -0.18 0.00	138.41 -0.90 -19.73	140.35 -0.19 0.00	136.11 0.11 -2.01	117.80 0.00 -0.02	84.25 0.38 -3.81	67.02 0.55 -11.45	88.04 1.08 -0.17	73.89 0.84 -17.97	78.76 1.03 -6.53	62.97 0.48 -10.72	105.66 0.51 0.00	100.98 0.39 0.00	64.89 0.20 -0.36	51.40 0.30 -0.82
WETHRSFD_WT_PWR 323626	48.18 -6.33 6.22	53.91 -8.59 18.34	59.53 -7.63 2.34	54.88 -7.66 10.28	66.67 -8.31 3.00	46.66 -5.49 0.75	67.39 -9.85 14.03	48.17 -6.54 9.93	41.42 -5.04 6.53	28.25 -4.56 19.08	57.80 -11.59 50.18	63.82 -12.45 64.27	76.21 -11.88 45.90	105.09 -10.54 2.14	70.90 -6.37 2.79	57.90 -3.58 -6.46	82.02 -4.87 -0.10	63.20 -2.32 -10.45	71.54 -3.45 -3.80	54.53 -3.47 -6.23	95.03 -7.53 2.59	93.17 -7.43 0.00	60.07 -4.48 -0.21	47.96 -2.80 -0.47
WHAVSTOR_138KV_BK127 55557	63.95 3.22 0.00	84.38 3.53 0.00	72.24 2.74 0.00	75.86 3.04 0.00	81.31 3.34 0.00	58.77 2.68 -3.20	96.73 4.70 -0.76	84.06 3.43 -15.99	61.73 2.99 -5.75	55.15 3.26 0.00	182.76 8.10 -55.09	150.92 10.38 0.00	148.61 9.54 -5.08	125.93 8.10 -0.05	96.63 5.78 -10.79	90.92 4.05 -31.85	93.72 6.43 -0.49	111.96 4.16 -52.72	95.71 5.35 -19.16	87.01 3.79 -31.45	112.08 6.92 0.00	107.12 6.52 0.00	69.46 4.07 -1.05	55.74 3.06 -2.40
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	63.95 3.22 0.00	84.38 3.53 0.00	72.24 2.74 0.00	75.86 3.04 0.00	81.31 3.34 0.00	58.77 2.68 -3.20	96.73 4.70 -0.76	84.06 3.43 -15.99	61.73 2.99 -5.75	55.15 3.26 0.00	182.76 8.10 -55.09	150.92 10.38 0.00	148.61 9.54 -5.08	125.93 8.10 -0.05	96.63 5.78 -10.79	90.92 4.05 -31.85	93.72 6.43 -0.49	111.96 4.16 -52.72	95.71 5.35 -19.16	87.01 3.79 -31.45	112.08 6.92 0.00	107.12 6.52 0.00	69.46 4.07 -1.05	55.74 3.06 -2.40
WHITEHAL_115KV_TB1 80871	64.16 3.43 0.00	84.95 4.11 0.00	72.75 3.25 0.00	76.61 3.79 0.00	82.20 4.23 0.00	60.09 2.87 -4.33	104.50 5.58 -7.65	231.69 5.20 -161.85	115.68 4.41 -58.28	55.95 4.06 0.00	686.45 8.43 -558.45	150.58 10.04 0.00	176.86 11.93 -30.95	129.39 11.55 -0.06	112.44 8.72 -23.66	148.62 5.75 -87.85	97.06 9.62 -0.64	130.59 6.43 -69.08	103.92 7.62 -25.11	98.26 5.28 -41.22	115.25 10.10 0.00	110.25 9.66 0.00	71.90 6.19 -1.38	58.41 4.99 -3.14
WHITEPLN_13_KV_LOAD 356215	65.15 4.42 0.00	85.96 5.12 0.00	73.58 4.08 0.00	77.21 4.39 0.00	82.79 4.82 0.00	59.93 3.72 -3.32	98.55 6.49 -0.79	86.03 4.67 -16.72	63.02 4.02 -6.02	56.21 4.31 0.00	187.68 10.48 -57.63	153.79 13.24 0.00	151.58 12.31 -5.29	128.49 10.66 -0.05	98.83 7.56 -11.21	93.33 5.22 -33.10	95.59 8.28 -0.51	115.12 5.33 -54.71	97.98 6.90 -19.89	89.28 4.88 -32.64	114.23 9.08 0.00	109.13 8.54 0.00	70.79 5.36 -1.09	56.85 4.08 -2.49
WM_FLOYD_69_KV_BK2 356380	73.37 6.71 -5.93	88.64 7.78 -0.02	75.52 6.02 0.00	79.02 6.21 0.00	84.64 6.67 0.00	61.27 5.04 -3.33	150.83 8.76 -50.79	189.29 6.46 -118.20	64.12 5.11 -6.03	60.14 5.30 -2.94	211.51 12.53 -79.41	178.23 16.02 -21.66	159.00 15.31 -9.70	142.87 13.45 -11.64	113.77 9.47 -24.24	114.42 6.55 -52.85	111.53 10.54 -14.18	123.65 6.66 -61.91	108.63 8.52 -28.92	102.50 6.07 -44.67	125.36 11.43 -8.78	122.54 10.85 -11.10	72.25 6.82 -1.10	58.00 5.22 -2.49
WOODARD__115KV_TB2 355635	59.72 -1.01 0.00	79.34 -1.50 0.00	68.01 -1.50 0.00	71.36 -1.46 0.00	76.44 -1.54 0.00	52.27 -0.93 -0.31	89.41 -1.86 0.00	63.44 -1.20 0.00	52.06 -0.93 0.00	51.11 -0.78 0.00	117.50 -2.07 0.00	138.62 -1.93 0.00	132.26 -1.73 0.00	116.25 -1.53 0.00	79.98 -0.87 -0.79	56.63 -0.37 -1.98	86.44 -0.41 -0.05	60.13 -0.08 -5.14	72.85 -0.20 -1.87	54.47 -0.36 -3.06	104.07 -1.09 0.00	99.45 -1.14 0.00	63.65 -0.79 -0.10	50.01 -0.51 -0.23
YORK___WARBASSE 23770	144.25 4.33 -79.19	85.65 4.81 0.00	73.33 3.82 0.00	76.93 4.11 0.00	82.42 4.45 0.00	61.33 3.57 -4.86	100.28 6.25 -2.76	85.89 4.50 -16.75	65.99 3.89 -9.12	71.57 4.28 -15.39	187.32 10.01 -57.73	328.42 13.03 -174.84	369.82 12.23 -223.61	369.27 10.56 -240.93	363.58 7.58 -275.94	353.30 5.24 -293.05	325.91 8.25 -230.86	121.40 5.23 -61.09	119.40 6.89 -41.32	118.72 4.94 -62.02	114.09 8.93 0.00	108.96 8.37 0.00	74.45 5.31 -4.80	79.05 4.12 -24.65