

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

12/04/2025

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	71.82	61.29	60.78	60.96	60.72	58.38	55.17	70.58	84.28	84.11	101.07	120.79	79.11	118.35	78.47	85.82	114.92	168.25	197.10	176.80	170.53	153.54	159.91	130.75
24138	3.19	2.58	2.65	2.59	2.69	2.92	2.98	3.75	4.15	4.32	5.68	2.69	3.86	4.14	4.20	4.44	6.05	8.64	9.34	7.85	7.67	6.87	4.94	3.63
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.84	0.00	0.00	-73.74	-10.24	-40.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	71.91	61.39	60.89	61.06	60.83	58.45	55.22	70.64	84.35	84.20	101.23	120.54	79.12	118.22	78.53	85.89	115.05	168.41	197.28	177.12	170.89	153.88	160.28	131.09
24260	3.28	2.69	2.76	2.69	2.79	2.99	3.03	3.81	4.23	4.41	5.84	2.74	3.91	4.16	4.26	4.51	6.18	8.80	9.52	8.17	8.03	7.21	5.31	3.96
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.83	0.00	0.00	-73.44	-10.20	-40.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	71.91	61.39	60.89	61.06	60.83	58.45	55.22	70.64	84.35	84.20	101.23	120.54	79.12	118.22	78.53	85.89	115.05	168.41	197.28	177.12	170.89	153.88	160.28	131.09
24261	3.28	2.69	2.76	2.69	2.79	2.99	3.03	3.81	4.23	4.41	5.84	2.74	3.91	4.16	4.26	4.51	6.18	8.80	9.52	8.17	8.03	7.21	5.31	3.96
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.83	0.00	0.00	-73.44	-10.20	-40.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	72.61	61.94	61.34	61.66	61.37	58.65	55.43	71.36	83.49	84.95	101.69	47.21	69.03	78.28	78.62	86.44	116.62	170.75	200.55	180.15	173.71	156.79	165.21	134.99
24011	3.98	3.24	3.21	3.29	3.34	3.19	3.24	4.53	5.20	5.17	6.30	2.84	4.02	4.41	4.35	5.06	7.75	11.14	12.79	12.00	10.85	10.12	10.24	7.86
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	72.95	62.14	61.50	61.84	61.59	58.87	55.74	71.89	84.07	85.48	102.31	47.46	69.32	78.68	79.01	86.89	117.37	171.97	202.03	181.41	174.87	158.00	166.54	135.74
23798	4.32	3.44	3.38	3.48	3.56	3.41	3.55	5.06	5.79	5.69	6.92	3.09	4.31	4.81	4.74	5.50	8.50	12.36	14.27	12.46	12.01	11.33	11.57	8.62
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	72.61	61.94	61.34	61.66	61.37	58.65	55.43	71.36	83.49	84.95	101.69	47.21	69.03	78.28	78.62	86.44	116.62	170.75	200.55	180.15	173.71	156.79	165.21	134.99
24028	3.98	3.24	3.21	3.29	3.34	3.19	3.24	4.53	5.20	5.17	6.30	2.84	4.02	4.41	4.35	5.06	7.75	11.14	12.79	11.20	10.85	10.12	10.24	7.86
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	72.41	61.80	61.23	61.49	61.09	58.31	54.85	70.32	82.62	83.79	100.47	62.31	70.50	86.02	77.92	85.33	114.54	168.15	198.19	177.83	171.01	154.94	163.42	134.26
23527	3.78	3.10	3.10	3.12	3.06	2.85	2.66	3.49	3.95	4.01	5.08	2.40	3.33	3.64	3.65	3.93	5.68	8.54	10.43	8.88	8.15	8.27	8.45	7.13
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.39	0.00	0.00	-15.54	-2.16	-8.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	71.01	60.70	60.14	60.36	60.01	57.10	53.33	68.42	80.07	81.69	98.13	45.64	66.77	75.86	76.14	83.44	111.79	163.21	191.08	171.99	165.49	149.54	157.63	130.62
24190	2.38	2.00	2.01	1.99	1.98	1.64	1.14	1.60	1.78	1.90	2.74	1.28	1.76	1.99	1.87	2.05	2.93	3.60	3.32	3.04	2.63	2.86	2.67	3.50
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	69.06	59.18	58.54	58.79	58.43	55.97	52.59	67.53	79.18	80.68	95.58	44.69	65.79	74.70	75.07	82.20	108.73	158.25	186.00	167.52	161.18	145.01	154.13	126.52
355683	0.43	0.47	0.41	0.42	0.40	0.51	0.40	0.70	0.89	0.89	0.19	0.33	0.79	0.83	0.80	0.81	-0.14	-1.36	-1.76	-1.43	-1.68	-1.66	-0.84	-0.60
	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	71.76	61.40	60.82	61.05	60.68	57.80	54.12	69.41	81.20	82.76	99.27	46.14	67.43	76.75	77.04	84.59	113.59	165.77	194.27	174.71	168.28	151.94	160.27	132.19
323833	3.13	2.70	2.69	2.69	2.65	2.34	1.93	2.58	2.91	2.97	3.88	1.77	2.42	2.88	2.77	3.20	4.72	6.16	6.51	5.76	5.43	5.27	5.31	5.07
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	71.74	61.40	60.79	61.02	60.66	57.77	54.11	69.39	81.18	82.71	99.23	46.12	67.42	76.73	77.02	84.55	113.55	165.74	194.19	174.68	168.24	151.88	160.21	132.17
323834	3.11	2.70	2.66	2.66	2.62	2.31	1.92	2.57	2.89	2.92	3.84	1.75	2.41	2.85	2.76	3.16	4.68	6.14	6.43	5.73	5.38	5.21	5.25	5.05
	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	71.01	60.70	60.14	60.36	60.01	57.10	53.33	68.42	80.07	81.69	98.13	45.64	66.77	75.86	76.14	83.44	111.79	163.21	191.08	171.99	165.49	149.54	157.63	130.62
23571	2.38	2.00	2.01	1.99	1.98	1.64	1.14	1.60	1.78	1.90	2.74	1.28	1.76	1.99	1.87	2.05	2.93	3.60	3.32	3.04	2.63	2.86	2.67	3.50
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	71.01 2.38 0.00	60.70 2.00 0.00	60.14 2.01 0.00	60.36 1.99 0.00	60.01 1.98 0.00	57.10 1.64 0.00	53.33 1.14 0.00	68.42 1.60 0.00	80.07 1.78 0.00	81.69 1.90 0.00	98.13 2.74 0.00	45.64 1.28 0.00	66.77 1.76 0.00	75.86 1.99 0.00	76.14 1.87 0.00	83.44 2.05 0.00	111.79 2.93 0.00	163.21 3.60 0.00	191.08 3.32 0.00	171.99 3.04 0.00	165.49 2.63 0.00	149.54 2.86 0.00	157.63 2.67 0.00	130.62 3.50 0.00
ALBANY___3 23573	71.01 2.38 0.00	60.70 2.00 0.00	60.14 2.01 0.00	60.36 1.99 0.00	60.01 1.98 0.00	57.10 1.64 0.00	53.33 1.14 0.00	68.42 1.60 0.00	80.07 1.78 0.00	81.69 1.90 0.00	98.13 2.74 0.00	45.64 1.28 0.00	66.77 1.76 0.00	75.86 1.99 0.00	76.14 1.87 0.00	83.44 2.05 0.00	111.79 2.93 0.00	163.21 3.60 0.00	191.08 3.32 0.00	171.99 3.04 0.00	165.49 2.63 0.00	149.54 2.86 0.00	157.63 2.67 0.00	130.62 3.50 0.00
ALBANY___4 23574	71.01 2.38 0.00	60.70 2.00 0.00	60.14 2.01 0.00	60.36 1.99 0.00	60.01 1.98 0.00	57.10 1.64 0.00	53.33 1.14 0.00	68.42 1.60 0.00	80.07 1.78 0.00	81.69 1.90 0.00	98.13 2.74 0.00	45.64 1.28 0.00	66.77 1.76 0.00	75.86 1.99 0.00	76.14 1.87 0.00	83.44 2.05 0.00	111.79 2.93 0.00	163.21 3.60 0.00	191.08 3.32 0.00	171.99 3.04 0.00	165.49 2.63 0.00	149.54 2.86 0.00	157.63 2.67 0.00	130.62 3.50 0.00
ALBANY___LFGE 323615	71.65 3.02 0.00	61.22 2.52 0.00	60.65 2.53 0.00	60.88 2.51 0.00	60.51 2.48 0.00	57.61 2.15 0.00	53.85 1.66 0.00	69.11 2.28 0.00	80.90 2.62 0.00	82.52 2.74 0.00	99.15 3.76 0.00	46.13 1.77 0.00	67.47 2.46 0.00	76.66 2.79 0.00	76.98 2.71 0.00	84.36 2.97 0.00	113.16 4.29 0.00	165.26 5.65 0.00	193.47 5.72 0.00	174.10 5.15 0.00	167.49 4.63 0.00	151.28 4.61 0.00	159.40 4.44 0.00	131.94 4.81 0.00
ALCOA_PA_115KV_PL-6C 55860	69.37 0.74 0.00	59.34 0.64 0.00	58.71 0.58 0.00	58.95 0.58 0.00	58.60 0.57 0.00	56.11 0.65 0.00	52.71 0.52 0.00	67.70 0.87 0.00	79.44 1.16 0.00	81.07 1.28 0.00	96.82 1.43 0.00	45.08 0.71 0.00	65.97 0.96 0.00	74.90 1.03 0.00	75.17 0.90 0.00	82.30 0.91 0.00	109.31 0.44 0.00	160.35 0.74 0.00	188.68 0.92 0.00	170.02 1.08 0.00	163.58 0.72 0.00	147.17 0.50 0.00	156.58 1.61 0.00	128.58 1.46 0.00
ALCOA_RYNLDS___DRP 24188	69.37 0.74 0.00	59.34 0.64 0.00	58.71 0.58 0.00	58.95 0.58 0.00	58.60 0.57 0.00	56.11 0.65 0.00	52.71 0.52 0.00	67.70 0.87 0.00	79.44 1.16 0.00	81.07 1.28 0.00	96.82 1.43 0.00	45.08 0.71 0.00	65.97 0.96 0.00	74.90 1.03 0.00	75.17 0.90 0.00	82.30 0.91 0.00	109.31 0.44 0.00	160.35 0.74 0.00	188.68 0.92 0.00	170.02 1.08 0.00	163.58 0.72 0.00	147.17 0.50 0.00	156.58 1.61 0.00	128.58 1.46 0.00
ALCOA___DSASP 323711	69.37 0.74 0.00	59.34 0.64 0.00	58.71 0.58 0.00	58.95 0.58 0.00	58.60 0.57 0.00	56.11 0.65 0.00	52.71 0.52 0.00	67.70 0.87 0.00	79.44 1.16 0.00	81.07 1.28 0.00	96.82 1.43 0.00	45.08 0.71 0.00	65.97 0.96 0.00	74.90 1.03 0.00	75.17 0.90 0.00	82.30 0.91 0.00	109.31 0.44 0.00	160.35 0.74 0.00	188.68 0.92 0.00	170.02 1.08 0.00	163.58 0.72 0.00	147.17 0.50 0.00	156.58 1.61 0.00	128.58 1.46 0.00
ALLEGHENY___COGEN 23514	65.38 -3.25 0.00	55.79 -2.91 0.00	55.18 -2.94 0.00	55.63 -2.74 0.00	55.36 -2.67 0.00	52.63 -2.83 0.00	49.39 -2.77 0.03	61.20 -4.25 1.38	71.23 -4.91 2.15	70.68 -5.58 3.52	156.17 -7.50 -68.28	63.58 -3.65 -22.87	58.54 -5.46 1.02	63.79 -7.82 2.26	66.26 -7.70 0.31	72.09 -9.30 0.00	97.58 -11.29 0.00	145.48 -14.12 0.00	174.73 -13.03 0.00	157.76 -11.19 0.00	151.58 -11.27 0.00	135.59 -11.08 0.00	144.21 -10.76 0.00	118.17 -8.95 0.00
ALTAMONT_115KV_TB 2 55880	70.67 2.04 0.00	60.45 1.75 0.00	59.89 1.76 0.00	60.12 1.76 0.00	59.76 1.72 0.00	56.96 1.50 0.00	53.47 1.28 0.00	68.56 1.73 0.00	80.23 1.94 0.00	81.80 2.02 0.00	98.14 2.75 0.00	45.64 1.28 0.00	66.76 1.75 0.00	75.90 2.03 0.00	76.14 1.87 0.00	83.42 2.03 0.00	111.80 2.93 0.00	163.38 3.77 0.00	191.50 3.74 0.00	172.28 3.33 0.00	166.04 3.18 0.00	149.87 3.20 0.00	157.82 2.85 0.00	129.93 2.81 0.00
ALTONA_WT_PWR 323606	68.95 0.32 0.00	59.08 0.38 0.00	58.47 0.33 0.00	58.69 0.32 0.00	58.46 0.43 0.00	56.18 0.73 0.00	52.52 0.33 0.00	67.60 0.78 0.00	79.59 1.31 0.00	81.38 1.59 0.00	97.48 2.09 0.00	45.08 0.72 0.00	65.54 0.53 0.00	74.33 0.46 0.00	74.12 -0.15 0.00	81.04 -0.35 0.00	106.79 -2.08 0.00	157.14 -2.47 0.00	186.04 -1.72 0.00	168.10 -0.85 0.00	161.69 -1.17 0.00	145.58 -1.09 0.00	155.08 0.11 0.00	127.74 0.62 0.00
AMERICAN_REF_FUEL 24010	62.52 -6.11 0.00	53.41 -5.29 0.00	52.69 -5.44 0.00	53.15 -5.21 0.00	52.65 -5.38 0.00	49.53 -5.93 0.00	45.58 -6.58 0.03	56.12 -9.35 1.35	65.45 -10.72 2.12	64.90 -11.42 3.47	60.76 -13.24 21.39	31.93 -6.17 6.27	55.19 -8.81 1.00	61.36 -10.29 2.23	65.19 -8.78 0.30	72.02 -9.37 0.00	98.01 -10.86 0.00	127.22 -12.65 19.74	129.26 -12.35 46.14	156.80 -12.15 0.00	150.69 -12.17 0.00	134.51 -12.16 0.00	145.32 -9.65 0.00	120.29 -6.83 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	60.83 -7.80 0.00	52.44 -6.26 0.00	52.10 -6.02 0.00	53.09 -5.28 0.00	53.31 -4.72 0.00	50.02 -5.44 0.00	45.91 -6.24 0.03	56.06 -9.39 1.38	65.86 -10.26 2.16	64.93 -11.31 3.54	57.30 -14.39 23.70	30.49 -6.87 7.00	54.72 -9.27 1.02	60.76 -10.84 2.27	65.17 -8.79 0.31	74.15 -7.24 0.00	101.72 -7.15 0.00	124.67 -6.60 28.33	118.19 -3.33 66.25	167.15 -1.80 0.00	162.13 -0.73 0.00	145.05 -1.61 0.00	155.36 0.39 0.00	127.07 -0.05 0.00
ARTHUR KILL_GT_1 23520	71.59 2.96 0.00	61.21 2.51 0.00	60.70 2.58 0.00	60.87 2.50 0.00	60.62 2.59 0.00	58.31 2.85 0.00	55.02 2.83 0.00	70.24 3.41 0.00	83.45 3.33 -1.83	83.07 3.29 0.00	99.60 4.21 0.00	119.89 2.08 -73.44	78.39 3.17 -10.20	117.12 3.06 -40.19	77.57 3.30 0.00	84.50 3.11 0.00	113.12 4.25 0.00	166.43 6.82 0.00	195.16 7.40 0.00	175.32 6.37 0.00	169.50 6.64 0.00	152.55 5.88 0.00	158.59 3.62 0.00	129.41 2.29 0.00
ARTHUR_KILL_2 23512	71.38 2.75 0.00	61.04 2.34 0.00	60.53 2.41 0.00	60.69 2.32 0.00	60.45 2.41 0.00	58.13 2.67 0.00	54.84 2.66 0.00	70.02 3.20 0.00	83.20 3.09 -1.83	82.81 3.03 0.00	99.29 3.90 0.00	119.74 1.94 -73.44	78.19 2.98 -10.20	116.93 2.87 -40.19	77.39 3.11 0.00	84.28 2.89 0.00	112.78 3.91 0.00	165.81 6.20 0.00	194.48 6.72 0.00	174.70 5.75 0.00	168.88 6.02 0.00	152.01 5.34 0.00	158.02 3.06 0.00	128.96 1.84 0.00
ARTHUR_KILL_3 23513	71.11 2.48 0.00	60.69 1.99 0.00	60.21 2.08 0.00	60.38 2.02 0.00	60.15 2.11 0.00	57.82 2.36 0.00	54.60 2.41 0.00	69.82 2.99 0.00	83.33 3.21 -1.84	83.08 3.29 0.00	99.84 4.45 0.00	120.04 2.10 -73.58	78.24 3.00 -10.22	117.28 3.15 -40.26	77.50 3.23 0.00	84.75 3.36 0.00	113.48 4.61 0.00	166.04 6.43 0.00	194.49 6.73 0.00	174.60 5.65 0.00	168.57 5.71 0.00	151.79 5.12 0.00	158.00 3.04 0.00	129.32 2.20 0.00

ARTHUR_KILL_COGEN 323718	71.59 2.96 0.00	61.22 2.51 0.00	60.71 2.58 0.00	60.86 2.50 0.00	60.62 2.59 0.00	58.31 2.85 0.00	55.02 2.83 0.00	70.22 3.40 0.00	83.44 3.32 -1.83	83.05 3.27 0.00	99.58 4.20 0.00	119.87 2.07 -73.44	78.38 3.17 -10.20	117.11 3.06 -40.19	77.57 3.30 0.00	84.51 3.12 0.00	113.12 4.25 0.00	166.39 6.78 0.00	195.16 7.40 0.00	175.32 6.37 0.00	169.50 6.64 0.00	152.55 5.88 0.00	158.59 3.62 0.00	129.37 2.25 0.00
ASHOKAN____ 23654	73.02 4.39 0.00	62.41 3.71 0.00	61.82 3.69 0.00	62.02 3.65 0.00	61.74 3.71 0.00	59.01 3.55 0.00	55.59 3.40 0.00	71.42 4.59 0.00	83.69 5.41 0.00	85.26 5.47 0.00	102.26 6.87 0.00	47.45 3.08 0.00	69.41 4.40 0.00	78.71 4.84 0.00	78.99 4.73 0.00	87.04 5.65 0.00	117.27 8.40 0.00	171.96 12.35 0.00	201.83 14.07 0.00	181.43 12.48 0.00	174.73 11.87 0.00	157.27 10.60 0.00	164.96 10.00 0.00	135.16 8.04 0.00
ASTORIA_EAST_ENERGY_CC1 323581	71.31 2.68 0.00	60.97 2.27 0.00	60.45 2.33 0.00	60.50 2.14 0.00	60.17 2.13 0.00	57.74 2.28 0.00	54.54 2.35 0.00	69.88 3.06 0.00	83.46 3.34 -1.83	83.37 3.58 0.00	100.63 5.24 0.00	120.17 2.36 -73.44	78.43 3.22 -10.20	117.40 3.34 -40.19	77.77 3.50 0.00	84.95 3.57 0.00	113.70 4.83 0.00	166.24 6.64 0.00	194.87 7.12 0.00	175.11 6.16 0.00	169.02 6.16 0.00	152.29 5.62 0.00	158.58 3.61 0.00	130.04 2.92 0.00
ASTORIA_EAST_ENERGY_CC2 323582	71.31 2.68 0.00	60.96 2.26 0.00	60.45 2.33 0.00	60.50 2.14 0.00	60.16 2.13 0.00	57.74 2.28 0.00	54.54 2.35 0.00	69.88 3.06 0.00	83.46 3.34 -1.83	83.37 3.58 0.00	100.63 5.24 0.00	120.17 2.36 -73.44	78.43 3.22 -10.20	117.40 3.34 -40.19	77.77 3.50 0.00	84.95 3.57 0.00	113.72 4.85 0.00	166.24 6.64 0.00	194.87 7.12 0.00	175.11 6.16 0.00	169.02 6.16 0.00	152.29 5.62 0.00	158.58 3.61 0.00	130.04 2.92 0.00
ASTORIA_GT2_1 24094	71.35 2.72 0.00	60.99 2.29 0.00	60.46 2.33 0.00	60.53 2.16 0.00	60.22 2.19 0.00	57.80 2.34 0.00	54.58 2.39 0.00	69.94 3.12 0.00	83.50 3.38 -1.83	83.42 3.63 0.00	100.71 5.31 0.00	120.19 2.38 -73.44	78.48 3.27 -10.20	117.46 3.41 -40.19	77.77 3.50 0.00	85.00 3.61 0.00	113.77 4.90 0.00	166.45 6.84 0.00	195.01 7.24 0.00	175.22 6.26 0.00	169.07 6.21 0.00	152.38 5.71 0.00	158.64 3.68 0.00	130.12 3.00 0.00
ASTORIA_GT2_2 24095	71.35 2.72 0.00	60.99 2.29 0.00	60.46 2.33 0.00	60.53 2.16 0.00	60.22 2.19 0.00	57.80 2.34 0.00	54.58 2.39 0.00	69.94 3.12 0.00	83.50 3.38 -1.83	83.42 3.63 0.00	100.71 5.31 0.00	120.19 2.38 -73.44	78.48 3.27 -10.20	117.46 3.41 -40.19	77.77 3.50 0.00	85.00 3.61 0.00	113.77 4.90 0.00	166.45 6.84 0.00	195.01 7.24 0.00	175.22 6.26 0.00	169.07 6.21 0.00	152.38 5.71 0.00	158.64 3.68 0.00	130.12 3.00 0.00
ASTORIA_GT2_3 24096	71.35 2.72 0.00	60.99 2.29 0.00	60.46 2.33 0.00	60.53 2.16 0.00	60.22 2.19 0.00	57.80 2.34 0.00	54.58 2.39 0.00	69.94 3.12 0.00	83.50 3.38 -1.83	83.42 3.63 0.00	100.71 5.31 0.00	120.19 2.38 -73.44	78.48 3.27 -10.20	117.46 3.41 -40.19	77.77 3.50 0.00	85.00 3.61 0.00	113.77 4.90 0.00	166.45 6.84 0.00	195.01 7.24 0.00	175.22 6.26 0.00	169.07 6.21 0.00	152.38 5.71 0.00	158.64 3.68 0.00	130.12 3.00 0.00
ASTORIA_GT2_4 24097	71.35 2.72 0.00	60.99 2.29 0.00	60.46 2.33 0.00	60.53 2.16 0.00	60.22 2.19 0.00	57.80 2.34 0.00	54.58 2.39 0.00	69.94 3.12 0.00	83.50 3.38 -1.83	83.42 3.63 0.00	100.71 5.31 0.00	120.19 2.38 -73.44	78.48 3.27 -10.20	117.46 3.41 -40.19	77.77 3.50 0.00	85.00 3.61 0.00	113.77 4.90 0.00	166.45 6.84 0.00	195.01 7.24 0.00	175.22 6.26 0.00	169.07 6.21 0.00	152.38 5.71 0.00	158.64 3.68 0.00	130.12 3.00 0.00
ASTORIA_GT3_1 24098	71.35 2.72 0.00	60.99 2.29 0.00	60.46 2.33 0.00	60.53 2.16 0.00	60.22 2.19 0.00	57.80 2.34 0.00	54.58 2.39 0.00	69.94 3.12 0.00	83.50 3.38 -1.83	83.42 3.63 0.00	100.71 5.31 0.00	120.19 2.38 -73.44	78.48 3.27 -10.20	117.46 3.41 -40.19	77.77 3.50 0.00	85.00 3.61 0.00	113.77 4.90 0.00	166.45 6.84 0.00	195.01 7.24 0.00	175.22 6.26 0.00	169.07 6.21 0.00	152.38 5.71 0.00	158.64 3.68 0.00	130.12 3.00 0.00
ASTORIA_GT3_2 24099	71.35 2.72 0.00	60.99 2.29 0.00	60.46 2.33 0.00	60.53 2.16 0.00	60.22 2.19 0.00	57.80 2.34 0.00	54.58 2.39 0.00	69.94 3.12 0.00	83.50 3.38 -1.83	83.42 3.63 0.00	100.71 5.31 0.00	120.19 2.38 -73.44	78.48 3.27 -10.20	117.46 3.41 -40.19	77.77 3.50 0.00	85.00 3.61 0.00	113.77 4.90 0.00	166.45 6.84 0.00	195.01 7.24 0.00	175.22 6.26 0.00	169.07 6.21 0.00	152.38 5.71 0.00	158.64 3.68 0.00	130.12 3.00 0.00
ASTORIA_GT3_3 24100	71.35 2.72 0.00	60.99 2.29 0.00	60.46 2.33 0.00	60.53 2.16 0.00	60.22 2.19 0.00	57.80 2.34 0.00	54.58 2.39 0.00	69.94 3.12 0.00	83.50 3.38 -1.83	83.42 3.63 0.00	100.71 5.31 0.00	120.19 2.38 -73.44	78.48 3.27 -10.20	117.46 3.41 -40.19	77.77 3.50 0.00	85.00 3.61 0.00	113.77 4.90 0.00	166.45 6.84 0.00	195.01 7.24 0.00	175.22 6.26 0.00	169.07 6.21 0.00	152.38 5.71 0.00	158.64 3.68 0.00	130.12 3.00 0.00
ASTORIA_GT3_4 24101	71.35 2.72 0.00	60.99 2.29 0.00	60.46 2.33 0.00	60.53 2.16 0.00	60.22 2.19 0.00	57.80 2.34 0.00	54.58 2.39 0.00	69.94 3.12 0.00	83.50 3.38 -1.83	83.42 3.63 0.00	100.71 5.31 0.00	120.19 2.38 -73.44	78.48 3.27 -10.20	117.46 3.41 -40.19	77.77 3.50 0.00	85.00 3.61 0.00	113.77 4.90 0.00	166.45 6.84 0.00	195.01 7.24 0.00	175.22 6.26 0.00	169.07 6.21 0.00	152.38 5.71 0.00	158.64 3.68 0.00	130.12 3.00 0.00
ASTORIA_GT4_1 24102	71.35 2.72 0.00	60.99 2.29 0.00	60.46 2.33 0.00	60.53 2.16 0.00	60.22 2.19 0.00	57.80 2.34 0.00	54.58 2.39 0.00	69.94 3.12 0.00	83.50 3.38 -1.83	83.42 3.63 0.00	100.71 5.31 0.00	120.19 2.38 -73.44	78.48 3.27 -10.20	117.46 3.41 -40.19	77.77 3.50 0.00	85.00 3.61 0.00	113.77 4.90 0.00	166.45 6.84 0.00	195.01 7.24 0.00	175.22 6.26 0.00	169.07 6.21 0.00	152.38 5.71 0.00	158.64 3.68 0.00	130.12 3.00 0.00
ASTORIA_GT4_2 24103	71.35 2.72 0.00	60.99 2.29 0.00	60.46 2.33 0.00	60.53 2.16 0.00	60.22 2.19 0.00	57.80 2.34 0.00	54.58 2.39 0.00	69.94 3.12 0.00	83.50 3.38 -1.83	83.42 3.63 0.00	100.71 5.31 0.00	120.19 2.38 -73.44	78.48 3.27 -10.20	117.46 3.41 -40.19	77.77 3.50 0.00	85.00 3.61 0.00	113.77 4.90 0.00	166.45 6.84 0.00	195.01 7.24 0.00	175.22 6.26 0.00	169.07 6.21 0.00	152.38 5.71 0.00	158.64 3.68 0.00	130.12 3.00 0.00
ASTORIA_GT4_3 24104	71.35 2.72 0.00	60.99 2.29 0.00	60.46 2.33 0.00	60.53 2.16 0.00	60.22 2.19 0.00	57.80 2.34 0.00	54.58 2.39 0.00	69.94 3.12 0.00	83.50 3.38 -1.83	83.42 3.63 0.00	100.71 5.31 0.00	120.19 2.38 -73.44	78.48 3.27 -10.20	117.46 3.41 -40.19	77.77 3.50 0.00	85.00 3.61 0.00	113.77 4.90 0.00	166.45 6.84 0.00	195.01 7.24 0.00	175.22 6.26 0.00	169.07 6.21 0.00	152.38 5.71 0.00	158.64 3.68 0.00	130.12 3.00 0.00

ASTORIA_GT4_4 24105	71.35 2.72 0.00	60.99 2.29 0.00	60.46 2.33 0.00	60.53 2.16 0.00	60.22 2.19 0.00	57.80 2.34 0.00	54.58 2.39 0.00	69.94 3.12 0.00	83.50 3.38 -1.83	83.42 3.63 0.00	100.71 5.31 0.00	120.19 2.38 -73.44	78.48 3.27 -10.20	117.46 3.41 -40.19	77.77 3.50 0.00	85.00 3.61 0.00	113.77 4.90 0.00	166.45 6.84 0.00	195.01 7.24 0.00	175.22 6.26 0.00	169.07 6.21 0.00	152.38 5.71 0.00	158.64 3.68 0.00	130.12 3.00 0.00
ASTORIA_GT_1 23523	71.45 2.82 0.00	61.08 2.38 0.00	60.55 2.43 0.00	60.62 2.26 0.00	60.30 2.26 0.00	57.89 2.43 0.00	54.68 2.49 0.00	70.08 3.25 0.00	83.67 3.55 -1.83	83.58 3.79 0.00	100.90 5.51 0.00	120.28 2.47 -73.44	78.61 3.40 -10.20	117.60 3.55 -40.19	77.92 3.65 0.00	85.19 3.80 0.00	114.01 5.14 0.00	166.82 7.21 0.00	195.41 7.65 0.00	175.61 6.66 0.00	169.45 6.59 0.00	152.69 6.01 0.00	158.98 4.01 0.00	130.37 3.25 0.00
ASTORIA_GT_10 24110	71.43 2.80 0.00	61.02 2.32 0.00	60.50 2.37 0.00	60.64 2.27 0.00	60.41 2.38 0.00	58.09 2.63 0.00	54.81 2.62 0.00	70.08 3.25 0.00	83.58 3.47 -1.83	83.45 3.66 0.00	100.43 5.04 0.00	120.20 2.40 -73.44	78.59 3.38 -10.20	117.57 3.52 -40.19	77.90 3.63 0.00	85.09 3.70 0.00	113.90 5.03 0.00	166.78 7.18 0.00	195.40 7.64 0.00	175.24 6.29 0.00	169.11 6.26 0.00	152.31 5.63 0.00	158.64 3.67 0.00	129.86 2.74 0.00
ASTORIA_GT_11 24225	71.43 2.80 0.00	61.02 2.32 0.00	60.50 2.37 0.00	60.64 2.27 0.00	60.41 2.38 0.00	58.09 2.63 0.00	54.81 2.62 0.00	70.08 3.25 0.00	83.58 3.47 -1.83	83.45 3.66 0.00	100.43 5.04 0.00	120.20 2.40 -73.44	78.59 3.38 -10.20	117.57 3.52 -40.19	77.90 3.63 0.00	85.09 3.70 0.00	113.90 5.03 0.00	166.78 7.18 0.00	195.40 7.64 0.00	175.24 6.29 0.00	169.11 6.26 0.00	152.31 5.63 0.00	158.64 3.67 0.00	129.86 2.74 0.00
ASTORIA_GT_12 24226	71.43 2.80 0.00	61.02 2.32 0.00	60.50 2.37 0.00	60.64 2.27 0.00	60.41 2.38 0.00	58.09 2.63 0.00	54.81 2.62 0.00	70.08 3.25 0.00	83.58 3.47 -1.83	83.45 3.66 0.00	100.43 5.04 0.00	120.20 2.40 -73.44	78.59 3.38 -10.20	117.57 3.52 -40.19	77.90 3.63 0.00	85.09 3.70 0.00	113.90 5.03 0.00	166.78 7.18 0.00	195.40 7.64 0.00	175.24 6.29 0.00	169.11 6.26 0.00	152.31 5.63 0.00	158.64 3.67 0.00	129.86 2.74 0.00
ASTORIA_GT_13 24227	71.43 2.80 0.00	61.02 2.32 0.00	60.50 2.37 0.00	60.64 2.27 0.00	60.41 2.38 0.00	58.09 2.63 0.00	54.81 2.62 0.00	70.08 3.25 0.00	83.58 3.47 -1.83	83.45 3.66 0.00	100.43 5.04 0.00	120.20 2.40 -73.44	78.59 3.38 -10.20	117.57 3.52 -40.19	77.90 3.63 0.00	85.09 3.70 0.00	113.90 5.03 0.00	166.78 7.18 0.00	195.40 7.64 0.00	175.24 6.29 0.00	169.11 6.26 0.00	152.31 5.63 0.00	158.64 3.67 0.00	129.86 2.74 0.00
ASTORIA_GT_5 24106	71.45 2.82 0.00	61.08 2.38 0.00	60.55 2.43 0.00	60.62 2.26 0.00	60.30 2.26 0.00	57.89 2.43 0.00	54.68 2.49 0.00	70.08 3.25 0.00	83.67 3.55 -1.83	83.58 3.79 0.00	100.90 5.51 0.00	120.28 2.47 -73.44	78.61 3.40 -10.20	117.60 3.55 -40.19	77.92 3.65 0.00	85.19 3.80 0.00	114.01 5.14 0.00	166.82 7.21 0.00	195.41 7.65 0.00	175.61 6.66 0.00	169.45 6.59 0.00	152.69 6.01 0.00	158.98 4.01 0.00	130.37 3.25 0.00
ASTORIA_GT_7 24107	71.45 2.82 0.00	61.08 2.38 0.00	60.55 2.43 0.00	60.62 2.26 0.00	60.30 2.26 0.00	57.89 2.43 0.00	54.68 2.49 0.00	70.08 3.25 0.00	83.67 3.55 -1.83	83.58 3.79 0.00	100.90 5.51 0.00	120.28 2.47 -73.44	78.61 3.40 -10.20	117.60 3.55 -40.19	77.92 3.65 0.00	85.19 3.80 0.00	114.01 5.14 0.00	166.82 7.21 0.00	195.41 7.65 0.00	175.61 6.66 0.00	169.45 6.59 0.00	152.69 6.01 0.00	158.98 4.01 0.00	130.37 3.25 0.00
ASTORIA_GT_8 24108	71.45 2.82 0.00	61.08 2.38 0.00	60.55 2.43 0.00	60.62 2.26 0.00	60.30 2.26 0.00	57.89 2.43 0.00	54.68 2.49 0.00	70.08 3.25 0.00	83.67 3.55 -1.83	83.58 3.79 0.00	100.90 5.51 0.00	120.28 2.47 -73.44	78.61 3.40 -10.20	117.60 3.55 -40.19	77.92 3.65 0.00	85.19 3.80 0.00	114.01 5.14 0.00	166.82 7.21 0.00	195.41 7.65 0.00	175.61 6.66 0.00	169.45 6.59 0.00	152.69 6.01 0.00	158.98 4.01 0.00	130.37 3.25 0.00
ASTORIA___2 24149	71.34 2.71 0.00	61.00 2.29 0.00	60.48 2.35 0.00	60.52 2.16 0.00	60.18 2.14 0.00	57.79 2.33 0.00	54.57 2.38 0.00	69.91 3.08 0.00	83.50 3.38 -1.83	83.41 3.62 0.00	100.68 5.29 0.00	120.18 2.37 -73.44	78.45 3.24 -10.20	117.43 3.37 -40.19	77.80 3.53 0.00	85.00 3.62 0.00	113.78 4.91 0.00	166.33 6.72 0.00	195.00 7.24 0.00	175.23 6.28 0.00	169.07 6.21 0.00	152.39 5.72 0.00	158.64 3.68 0.00	130.11 2.98 0.00
ASTORIA___3 23516	71.43 2.80 0.00	61.02 2.32 0.00	60.51 2.38 0.00	60.64 2.27 0.00	60.40 2.37 0.00	58.09 2.63 0.00	54.81 2.62 0.00	70.07 3.24 0.00	83.58 3.46 -1.83	83.43 3.64 0.00	100.41 5.02 0.00	120.19 2.38 -73.44	78.59 3.37 -10.20	117.55 3.50 -40.19	77.91 3.64 0.00	85.08 3.69 0.00	113.89 5.02 0.00	166.73 7.12 0.00	195.37 7.61 0.00	175.24 6.29 0.00	169.11 6.25 0.00	152.30 5.63 0.00	158.64 3.67 0.00	129.85 2.73 0.00
ASTORIA___4 23517	71.43 2.80 0.00	61.02 2.32 0.00	60.50 2.37 0.00	60.64 2.27 0.00	60.41 2.38 0.00	58.09 2.63 0.00	54.81 2.62 0.00	70.08 3.25 0.00	83.58 3.46 -1.83	83.44 3.65 0.00	100.43 5.04 0.00	120.20 2.40 -73.44	78.59 3.38 -10.20	117.57 3.52 -40.19	77.90 3.63 0.00	85.08 3.69 0.00	113.89 5.02 0.00	166.78 7.18 0.00	195.39 7.63 0.00	175.24 6.29 0.00	169.11 6.26 0.00	152.31 5.63 0.00	158.64 3.67 0.00	129.86 2.74 0.00
ASTORIA___5 23518	71.43 2.80 0.00	61.03 2.32 0.00	60.51 2.38 0.00	60.64 2.27 0.00	60.40 2.37 0.00	58.09 2.63 0.00	54.81 2.62 0.00	70.07 3.24 0.00	83.58 3.46 -1.83	83.43 3.64 0.00	100.41 5.02 0.00	120.19 2.38 -73.44	78.59 3.38 -10.20	117.55 3.50 -40.19	77.91 3.64 0.00	85.09 3.70 0.00	113.89 5.02 0.00	166.73 7.12 0.00	195.39 7.63 0.00	175.24 6.29 0.00	169.11 6.25 0.00	152.30 5.63 0.00	158.64 3.67 0.00	129.85 2.73 0.00
AST_ENERGY_2_CC3 323677	70.56 1.93 0.00	60.32 1.62 0.00	59.80 1.68 0.00	59.86 1.49 0.00	59.55 1.51 0.00	57.33 1.87 0.00	54.15 1.96 0.00	69.19 2.37 0.00	82.64 2.52 -1.83	82.59 2.80 0.00	100.06 4.67 0.00	119.89 2.09 -73.44	78.04 2.83 -10.20	116.90 2.84 -40.19	77.34 3.07 0.00	84.48 3.09 0.00	113.03 4.16 0.00	164.93 5.32 0.00	192.88 5.13 0.00	173.23 4.28 0.00	167.17 4.31 0.00	150.64 3.97 0.00	156.80 1.83 0.00	128.59 1.47 0.00
AST_ENERGY_2_CC4 323678	70.56 1.93 0.00	60.32 1.62 0.00	59.80 1.68 0.00	59.86 1.49 0.00	59.55 1.51 0.00	57.33 1.87 0.00	54.15 1.96 0.00	69.19 2.37 0.00	82.64 2.52 -1.83	82.59 2.80 0.00	100.06 4.67 0.00	119.89 2.09 -73.44	78.04 2.83 -10.20	116.90 2.84 -40.19	77.34 3.07 0.00	84.48 3.09 0.00	113.03 4.16 0.00	164.93 5.32 0.00	192.88 5.13 0.00	173.23 4.28 0.00	167.17 4.31 0.00	150.64 3.97 0.00	156.80 1.83 0.00	128.59 1.47 0.00

ATHENS_STG_1 23668	70.76 2.13 0.00	60.54 1.84 0.00	59.99 1.86 0.00	60.20 1.84 0.00	59.89 1.86 0.00	57.18 1.72 0.00	53.85 1.66 0.00	69.03 2.20 0.00	81.04 2.42 -0.33	82.30 2.51 0.00	98.71 3.32 0.00	59.22 1.55 -13.31	69.04 2.18 -1.85	83.60 2.45 -7.28	76.52 2.25 0.00	83.76 2.37 0.00	112.29 3.42 0.00	164.08 4.47 0.00	192.42 4.66 0.00	173.05 4.10 0.00	166.93 4.07 0.00	150.64 3.97 0.00	158.18 3.21 0.00	129.78 2.66 0.00
ATHENS_STG_2 23670	70.76 2.13 0.00	60.54 1.84 0.00	59.99 1.86 0.00	60.20 1.84 0.00	59.89 1.86 0.00	57.18 1.72 0.00	53.85 1.66 0.00	69.03 2.20 0.00	81.04 2.42 -0.33	82.30 2.51 0.00	98.71 3.32 0.00	59.22 1.55 -13.31	69.04 2.18 -1.85	83.60 2.45 -7.28	76.52 2.25 0.00	83.76 2.37 0.00	112.29 3.42 0.00	164.08 4.47 0.00	192.42 4.66 0.00	173.05 4.10 0.00	166.93 4.07 0.00	150.64 3.97 0.00	158.18 3.21 0.00	129.78 2.66 0.00
ATHENS_STG_3 23677	70.76 2.13 0.00	60.54 1.84 0.00	59.99 1.86 0.00	60.20 1.84 0.00	59.89 1.86 0.00	57.18 1.72 0.00	53.85 1.66 0.00	69.03 2.20 0.00	81.04 2.42 -0.33	82.30 2.51 0.00	98.71 3.32 0.00	59.22 1.55 -13.31	69.04 2.18 -1.85	83.60 2.45 -7.28	76.52 2.25 0.00	83.76 2.37 0.00	112.29 3.42 0.00	164.08 4.47 0.00	192.42 4.66 0.00	173.05 4.10 0.00	166.93 4.07 0.00	150.64 3.97 0.00	158.18 3.21 0.00	129.78 2.66 0.00
AUBURN____LFGE 323710	67.73 -0.90 0.00	57.95 -0.75 0.00	57.38 -0.75 0.00	57.66 -0.71 0.00	57.38 -0.65 0.00	54.56 -0.90 0.00	51.31 -0.86 0.02	64.06 -1.83 0.95	74.70 -2.10 1.48	75.12 -2.24 2.43	88.35 -2.86 4.18	42.03 -1.46 0.88	62.34 -1.96 0.70	69.69 -2.63 1.56	72.47 -1.58 0.21	80.18 -1.21 0.00	108.01 -0.86 0.00	159.12 -0.49 0.00	188.12 0.36 0.00	169.10 0.15 0.00	163.56 0.70 0.00	146.38 -0.29 0.00	155.33 0.36 0.00	126.61 -0.51 0.00
BABYLON_RES_REC 323704	73.38 4.75 0.00	62.39 3.69 0.00	61.84 3.71 0.00	61.87 3.50 0.00	61.66 3.62 0.00	59.44 3.97 0.00	103.93 4.07 -47.67	78.70 5.28 -6.59	85.96 5.85 -1.82	114.00 6.17 -28.04	124.88 7.66 -21.83	123.69 3.31 -76.02	79.38 4.25 -10.12	118.54 4.79 -39.88	79.73 5.46 0.00	110.70 6.01 -23.30	130.36 8.19 -13.30	170.80 11.04 -0.14	199.11 12.37 1.01	180.09 10.69 -0.45	173.53 10.54 -0.13	157.69 9.78 -1.24	161.11 7.26 1.11	132.53 5.43 0.02
BALL_HILL_WT_PWR 323825	62.26 -6.37 0.00	53.45 -5.25 0.00	53.02 -5.11 0.00	53.70 -4.66 0.00	53.75 -4.28 0.00	50.57 -4.89 0.00	46.61 -5.54 0.03	57.01 -8.44 1.38	66.70 -9.43 2.15	65.98 -10.28 3.54	58.07 -12.58 24.74	30.96 -6.06 7.34	55.84 -8.15 1.02	61.99 -9.61 2.27	66.17 -7.79 0.31	74.31 -7.08 0.00	101.37 -7.49 0.00	125.01 -7.65 26.95	119.67 -5.08 63.01	164.98 -3.97 0.00	159.79 -3.07 0.00	142.90 -3.77 0.00	153.15 -1.82 0.00	125.43 -1.69 0.00
BARON_WINDS____WT_PWR 323822	63.62 -5.02 0.00	54.51 -4.19 0.00	54.01 -4.12 0.00	54.37 -4.00 0.00	54.11 -3.92 0.00	51.35 -4.11 0.00	47.92 -4.24 0.03	58.21 -7.18 1.44	67.58 -8.45 2.25	66.67 -9.43 3.69	-20.49 -11.79 104.09	5.45 -5.83 33.08	55.71 -8.23 1.07	61.60 -9.90 2.37	65.55 -8.39 0.33	73.38 -8.01 0.00	99.98 -8.89 0.00	160.25 -9.16 -9.79	205.08 -5.58 -22.90	165.11 -3.84 0.00	160.04 -2.82 0.00	143.72 -2.95 0.00	153.48 -1.49 0.00	125.74 -1.38 0.00
BARRETT_IC_1 23704	72.36 3.73 0.00	61.62 2.92 0.00	61.07 2.94 0.00	61.17 2.80 0.00	60.96 2.93 0.00	58.71 3.24 0.00	103.91 3.10 -48.62	77.42 4.00 -6.59	84.68 4.57 -1.82	112.72 4.90 -28.04	123.25 6.03 -21.83	123.10 2.72 -76.02	78.85 3.71 -10.12	117.97 4.22 -39.88	78.85 4.58 0.00	109.63 4.94 -23.30	128.64 6.47 -13.30	167.75 8.14 0.00	196.23 8.47 0.00	176.37 7.42 0.00	170.52 7.66 0.00	154.70 8.03 -0.01	160.44 5.47 0.00	131.42 4.29 0.00
BARRETT_IC_10 23701	72.36 3.73 0.00	61.62 2.92 0.00	61.07 2.94 0.00	61.17 2.80 0.00	60.96 2.93 0.00	58.71 3.24 0.00	103.91 3.10 -48.62	77.42 4.00 -6.59	84.68 4.57 -1.82	112.72 4.90 -28.04	123.25 6.03 -21.83	123.10 2.72 -76.02	78.85 3.71 -10.12	117.97 4.22 -39.88	78.85 4.58 0.00	109.63 4.94 -23.30	128.64 6.47 -13.30	167.75 8.14 0.00	196.23 8.47 0.00	176.37 7.42 0.00	170.52 7.66 0.00	154.70 8.03 -0.01	160.44 5.47 0.00	131.42 4.29 0.00
BARRETT_IC_11 23702	72.36 3.73 0.00	61.62 2.92 0.00	61.07 2.94 0.00	61.17 2.80 0.00	60.96 2.93 0.00	58.71 3.24 0.00	103.91 3.10 -48.62	77.42 4.00 -6.59	84.68 4.57 -1.82	112.72 4.90 -28.04	123.25 6.03 -21.83	123.10 2.72 -76.02	78.85 3.71 -10.12	117.97 4.22 -39.88	78.85 4.58 0.00	109.63 4.94 -23.30	128.64 6.47 -13.30	167.75 8.14 0.00	196.23 8.47 0.00	176.37 7.42 0.00	170.52 7.66 0.00	154.70 8.03 -0.01	160.44 5.47 0.00	131.42 4.29 0.00
BARRETT_IC_12 23703	72.36 3.73 0.00	61.62 2.92 0.00	61.07 2.94 0.00	61.17 2.80 0.00	60.96 2.93 0.00	58.71 3.24 0.00	103.91 3.10 -48.62	77.42 4.00 -6.59	84.68 4.57 -1.82	112.72 4.90 -28.04	123.25 6.03 -21.83	123.10 2.72 -76.02	78.85 3.71 -10.12	117.97 4.22 -39.88	78.85 4.58 0.00	109.63 4.94 -23.30	128.64 6.47 -13.30	167.75 8.14 0.00	196.23 8.47 0.00	176.37 7.42 0.00	170.52 7.66 0.00	154.70 8.03 -0.01	160.44 5.47 0.00	131.42 4.29 0.00
BARRETT_IC_2 23705	72.36 3.73 0.00	61.62 2.92 0.00	61.07 2.94 0.00	61.17 2.80 0.00	60.96 2.93 0.00	58.71 3.24 0.00	103.91 3.10 -48.62	77.42 4.00 -6.59	84.68 4.57 -1.82	112.72 4.90 -28.04	123.25 6.03 -21.83	123.10 2.72 -76.02	78.85 3.71 -10.12	117.97 4.22 -39.88	78.85 4.58 0.00	109.63 4.94 -23.30	128.64 6.47 -13.30	167.75 8.14 0.00	196.23 8.47 0.00	176.37 7.42 0.00	170.52 7.66 0.00	154.70 8.03 -0.01	160.44 5.47 0.00	131.42 4.29 0.00
BARRETT_IC_3 23706	72.36 3.73 0.00	61.62 2.92 0.00	61.07 2.94 0.00	61.17 2.80 0.00	60.96 2.93 0.00	58.71 3.24 0.00	103.91 3.10 -48.62	77.42 4.00 -6.59	84.68 4.57 -1.82	112.72 4.90 -28.04	123.25 6.03 -21.83	123.10 2.72 -76.02	78.85 3.71 -10.12	117.97 4.22 -39.88	78.85 4.58 0.00	109.63 4.94 -23.30	128.64 6.47 -13.30	167.75 8.14 0.00	196.23 8.47 0.00	176.37 7.42 0.00	170.52 7.66 0.00	154.70 8.03 -0.01	160.44 5.47 0.00	131.42 4.29 0.00
BARRETT_IC_4 23707	72.36 3.73 0.00	61.62 2.92 0.00	61.07 2.94 0.00	61.17 2.80 0.00	60.96 2.93 0.00	58.71 3.24 0.00	103.91 3.10 -48.62	77.42 4.00 -6.59	84.68 4.57 -1.82	112.72 4.90 -28.04	123.25 6.03 -21.83	123.10 2.72 -76.02	78.85 3.71 -10.12	117.97 4.22 -39.88	78.85 4.58 0.00	109.63 4.94 -23.30	128.64 6.47 -13.30	167.75 8.14 0.00	196.23 8.47 0.00	176.37 7.42 0.00	170.52 7.66 0.00	154.70 8.03 -0.01	160.44 5.47 0.00	131.42 4.29 0.00
BARRETT_IC_5 23708	72.36 3.73 0.00	61.62 2.92 0.00	61.07 2.94 0.00	61.17 2.80 0.00	60.96 2.93 0.00	58.71 3.24 0.00	103.91 3.10 -48.62	77.42 4.00 -6.59	84.68 4.57 -1.82	112.72 4.90 -28.04	123.25 6.03 -21.83	123.10 2.72 -76.02	78.85 3.71 -10.12	117.97 4.22 -39.88	78.85 4.58 0.00	109.63 4.94 -23.30	128.64 6.47 -13.30	167.75 8.14 0.00	196.23 8.47 0.00	176.37 7.42 0.00	170.52 7.66 0.00	154.70 8.03 -0.01	160.44 5.47 0.00	131.42 4.29 0.00

BARRETT_IC_6 23709	72.36 3.73 0.00	61.62 2.92 0.00	61.07 2.94 0.00	61.17 2.80 0.00	60.96 2.93 0.00	58.71 3.24 0.00	103.91 3.10 -48.62	77.42 4.00 -6.59	84.68 4.57 -1.82	112.72 4.90 -28.04	123.25 6.03 -21.83	123.10 2.72 -76.02	78.85 3.71 -10.12	117.97 4.22 -39.88	78.85 4.58 0.00	109.63 4.94 -23.30	128.64 6.47 -13.30	167.75 8.14 0.00	196.23 8.47 0.00	176.37 7.42 0.00	170.52 7.66 0.00	154.70 8.03 -0.01	160.44 5.47 0.00	131.42 4.29 0.00
BARRETT_IC_7 23710	72.37 3.73 0.00	61.62 2.92 0.00	61.07 2.95 0.00	61.17 2.80 0.00	60.96 2.93 0.00	58.71 3.24 0.00	103.92 3.11 -48.62	77.43 4.01 -6.59	84.68 4.57 -1.82	112.72 4.89 -28.04	123.27 6.05 -21.83	123.11 2.73 -76.02	78.86 3.73 -10.12	117.97 4.23 -39.88	78.84 4.57 0.00	109.62 4.93 -23.30	128.65 6.48 -13.30	167.79 8.18 0.00	196.25 8.49 0.00	176.37 7.42 0.00	170.52 7.66 0.00	154.68 8.00 -0.01	160.44 5.47 0.00	131.42 4.30 0.00
BARRETT_IC_8 23711	72.36 3.73 0.00	61.62 2.92 0.00	61.07 2.94 0.00	61.17 2.80 0.00	60.96 2.93 0.00	58.71 3.24 0.00	103.91 3.10 -48.62	77.42 4.00 -6.59	84.68 4.57 -1.82	112.72 4.90 -28.04	123.25 6.03 -21.83	123.10 2.72 -76.02	78.85 3.71 -10.12	117.97 4.22 -39.88	78.85 4.58 0.00	109.63 4.94 -23.30	128.64 6.47 -13.30	167.75 8.14 0.00	196.23 8.47 0.00	176.37 7.42 0.00	170.52 7.66 0.00	154.70 8.03 -0.01	160.44 5.47 0.00	131.42 4.29 0.00
BARRETT_IC_9 23700	72.36 3.73 0.00	61.62 2.92 0.00	61.07 2.94 0.00	61.17 2.80 0.00	60.96 2.93 0.00	58.71 3.24 0.00	103.91 3.10 -48.62	77.42 4.00 -6.59	84.68 4.57 -1.82	112.72 4.90 -28.04	123.25 6.03 -21.83	123.10 2.72 -76.02	78.85 3.71 -10.12	117.97 4.22 -39.88	78.85 4.58 0.00	109.63 4.94 -23.30	128.64 6.47 -13.30	167.75 8.14 0.00	196.23 8.47 0.00	176.37 7.42 0.00	170.52 7.66 0.00	154.70 8.03 -0.01	160.44 5.47 0.00	131.42 4.29 0.00
BARRETT___1 23545	72.36 3.73 0.00	61.62 2.92 0.00	61.07 2.94 0.00	61.17 2.80 0.00	60.96 2.93 0.00	58.71 3.24 0.00	103.91 3.10 -48.62	77.42 4.00 -6.59	84.68 4.57 -1.82	112.72 4.90 -28.04	123.25 6.03 -21.83	123.10 2.72 -76.02	78.85 3.71 -10.12	117.97 4.22 -39.88	78.85 4.58 0.00	109.63 4.94 -23.30	128.64 6.47 -13.30	167.75 8.14 0.00	196.23 8.47 0.00	176.37 7.42 0.00	170.52 7.66 0.00	154.70 8.03 -0.01	160.44 5.47 0.00	131.42 4.29 0.00
BARRETT___2 23546	72.36 3.73 0.00	61.62 2.92 0.00	61.07 2.94 0.00	61.17 2.80 0.00	60.96 2.93 0.00	58.71 3.24 0.00	103.91 3.10 -48.62	77.42 4.00 -6.59	84.68 4.57 -1.82	112.72 4.90 -28.04	123.25 6.03 -21.83	123.10 2.72 -76.02	78.85 3.71 -10.12	117.97 4.22 -39.88	78.85 4.58 0.00	109.63 4.94 -23.30	128.64 6.47 -13.30	167.75 8.14 0.00	196.23 8.47 0.00	176.37 7.42 0.00	170.52 7.66 0.00	154.70 8.03 -0.01	160.44 5.47 0.00	131.42 4.29 0.00
BATAVIA__115KV_TB1 55881	65.51 -3.13 0.00	55.92 -2.78 0.00	55.23 -2.90 0.00	55.66 -2.71 0.00	55.28 -2.75 0.00	52.34 -3.12 0.00	48.61 -3.55 0.03	60.28 -5.22 1.33	70.37 -5.83 2.08	69.98 -6.40 3.41	70.96 -7.85 16.57	35.82 -3.83 4.71	58.82 -5.20 0.99	65.38 -6.30 2.19	69.06 -4.91 0.30	75.80 -5.59 0.00	102.93 -5.93 0.00	153.93 -5.68 0.00	183.19 -4.57 0.00	163.77 -5.18 0.00	157.23 -5.63 0.00	140.19 -6.48 0.00	150.44 -4.53 0.00	123.72 -3.40 0.00
BAYONEEC___CTG1 323682	71.42 2.79 0.00	60.97 2.26 0.00	60.48 2.35 0.00	60.64 2.27 0.00	60.39 2.35 0.00	58.05 2.59 0.00	54.82 2.63 0.00	70.11 3.28 0.00	83.70 3.58 -1.84	83.49 3.70 0.00	100.30 4.91 0.00	120.27 2.32 -73.58	78.55 3.32 -10.22	117.64 3.51 -40.26	77.87 3.60 0.00	85.14 3.75 0.00	113.95 5.08 0.00	166.78 7.17 0.00	195.41 7.65 0.00	175.45 6.50 0.00	169.27 6.41 0.00	152.45 5.78 0.00	158.81 3.84 0.00	129.90 2.78 0.00
BAYONEEC___CTG10 323750	71.42 2.79 0.00	60.97 2.26 0.00	60.48 2.35 0.00	60.64 2.27 0.00	60.39 2.35 0.00	58.05 2.59 0.00	54.82 2.63 0.00	70.11 3.28 0.00	83.70 3.58 -1.84	83.49 3.70 0.00	100.30 4.91 0.00	120.27 2.32 -73.58	78.55 3.32 -10.22	117.64 3.51 -40.26	77.87 3.60 0.00	85.14 3.75 0.00	113.95 5.08 0.00	166.78 7.17 0.00	195.41 7.65 0.00	175.45 6.50 0.00	169.27 6.41 0.00	152.45 5.78 0.00	158.81 3.84 0.00	129.90 2.78 0.00
BAYONEEC___CTG2 323683	71.42 2.79 0.00	60.97 2.26 0.00	60.48 2.35 0.00	60.64 2.27 0.00	60.39 2.35 0.00	58.05 2.59 0.00	54.82 2.63 0.00	70.11 3.28 0.00	83.70 3.58 -1.84	83.49 3.70 0.00	100.30 4.91 0.00	120.27 2.32 -73.58	78.55 3.32 -10.22	117.64 3.51 -40.26	77.87 3.60 0.00	85.14 3.75 0.00	113.95 5.08 0.00	166.78 7.17 0.00	195.41 7.65 0.00	175.45 6.50 0.00	169.27 6.41 0.00	152.45 5.78 0.00	158.81 3.84 0.00	129.90 2.78 0.00
BAYONEEC___CTG3 323684	71.42 2.79 0.00	60.97 2.26 0.00	60.48 2.35 0.00	60.64 2.27 0.00	60.39 2.35 0.00	58.05 2.59 0.00	54.82 2.63 0.00	70.11 3.28 0.00	83.70 3.58 -1.84	83.49 3.70 0.00	100.30 4.91 0.00	120.27 2.32 -73.58	78.55 3.32 -10.22	117.64 3.51 -40.26	77.87 3.60 0.00	85.14 3.75 0.00	113.95 5.08 0.00	166.78 7.17 0.00	195.41 7.65 0.00	175.45 6.50 0.00	169.27 6.41 0.00	152.45 5.78 0.00	158.81 3.84 0.00	129.90 2.78 0.00
BAYONEEC___CTG4 323685	71.42 2.79 0.00	60.97 2.26 0.00	60.48 2.35 0.00	60.64 2.27 0.00	60.39 2.35 0.00	58.05 2.59 0.00	54.82 2.63 0.00	70.11 3.28 0.00	83.70 3.58 -1.84	83.49 3.70 0.00	100.30 4.91 0.00	120.27 2.32 -73.58	78.55 3.32 -10.22	117.64 3.51 -40.26	77.87 3.60 0.00	85.14 3.75 0.00	113.95 5.08 0.00	166.78 7.17 0.00	195.41 7.65 0.00	175.45 6.50 0.00	169.27 6.41 0.00	152.45 5.78 0.00	158.81 3.84 0.00	129.90 2.78 0.00
BAYONEEC___CTG5 323686	71.42 2.79 0.00	60.97 2.26 0.00	60.48 2.35 0.00	60.64 2.27 0.00	60.39 2.35 0.00	58.05 2.59 0.00	54.82 2.63 0.00	70.11 3.28 0.00	83.70 3.58 -1.84	83.49 3.70 0.00	100.30 4.91 0.00	120.27 2.32 -73.58	78.55 3.32 -10.22	117.64 3.51 -40.26	77.87 3.60 0.00	85.14 3.75 0.00	113.95 5.08 0.00	166.78 7.17 0.00	195.41 7.65 0.00	175.45 6.50 0.00	169.27 6.41 0.00	152.45 5.78 0.00	158.81 3.84 0.00	129.90 2.78 0.00
BAYONEEC___CTG6 323687	71.42 2.79 0.00	60.97 2.26 0.00	60.48 2.35 0.00	60.64 2.27 0.00	60.39 2.35 0.00	58.05 2.59 0.00	54.82 2.63 0.00	70.11 3.28 0.00	83.70 3.58 -1.84	83.49 3.70 0.00	100.30 4.91 0.00	120.27 2.32 -73.58	78.55 3.32 -10.22	117.64 3.51 -40.26	77.87 3.60 0.00	85.14 3.75 0.00	113.95 5.08 0.00	166.78 7.17 0.00	195.41 7.65 0.00	175.45 6.50 0.00	169.27 6.41 0.00	152.45 5.78 0.00	158.81 3.84 0.00	129.90 2.78 0.00
BAYONEEC___CTG7 323688	71.42 2.79 0.00	60.97 2.26 0.00	60.48 2.35 0.00	60.64 2.27 0.00	60.39 2.35 0.00	58.05 2.59 0.00	54.82 2.63 0.00	70.11 3.28 0.00	83.70 3.58 -1.84	83.49 3.70 0.00	100.30 4.91 0.00	120.27 2.32 -73.58	78.55 3.32 -10.22	117.64 3.51 -40.26	77.87 3.60 0.00	85.14 3.75 0.00	113.95 5.08 0.00	166.78 7.17 0.00	195.41 7.65 0.00	175.45 6.50 0.00	169.27 6.41 0.00	152.45 5.78 0.00	158.81 3.84 0.00	129.90 2.78 0.00

BAYONEEC___CTG8 323689	71.42 2.79 0.00	60.97 2.26 0.00	60.48 2.35 0.00	60.64 2.27 0.00	60.39 2.35 0.00	58.05 2.59 0.00	54.82 2.63 0.00	70.11 3.28 0.00	83.70 3.58 -1.84	83.49 3.70 0.00	100.30 4.91 0.00	120.27 2.32 -73.58	78.55 3.32 -10.22	117.64 3.51 -40.26	77.87 3.60 0.00	85.14 3.75 0.00	113.95 5.08 0.00	166.78 7.17 0.00	195.41 7.65 0.00	175.45 6.50 0.00	169.27 6.41 0.00	152.45 5.78 0.00	158.81 3.84 0.00	129.90 2.78 0.00
BAYONEEC___CTG9 323749	71.42 2.79 0.00	60.97 2.26 0.00	60.48 2.35 0.00	60.64 2.27 0.00	60.39 2.35 0.00	58.05 2.59 0.00	54.82 2.63 0.00	70.11 3.28 0.00	83.70 3.58 -1.84	83.49 3.70 0.00	100.30 4.91 0.00	120.27 2.32 -73.58	78.55 3.32 -10.22	117.64 3.51 -40.26	77.87 3.60 0.00	85.14 3.75 0.00	113.95 5.08 0.00	166.78 7.17 0.00	195.41 7.65 0.00	175.45 6.50 0.00	169.27 6.41 0.00	152.45 5.78 0.00	158.81 3.84 0.00	129.90 2.78 0.00
BEACON___LESR 323632	71.91 3.28 0.00	61.56 2.86 0.00	60.87 2.74 0.00	61.12 2.75 0.00	60.66 2.62 0.00	57.83 2.37 0.00	54.18 1.99 0.00	69.50 2.67 0.00	81.38 3.10 0.00	83.02 3.23 0.00	99.52 4.13 0.00	46.33 1.96 0.00	67.84 2.83 0.00	77.09 3.22 0.00	77.50 3.23 0.00	84.88 3.49 0.00	113.80 4.93 0.00	166.48 6.87 0.00	195.07 7.31 0.00	175.37 6.43 0.00	168.95 6.09 0.00	152.64 5.97 0.00	160.66 5.69 0.00	132.59 5.46 0.00
BEAVER RIVER___HYD 24048	67.23 -1.40 0.00	57.26 -1.44 0.00	56.56 -1.56 0.00	56.75 -1.62 0.00	56.69 -1.34 0.00	55.02 -0.44 0.00	52.67 0.48 0.00	67.74 0.91 0.00	80.48 2.20 0.00	82.13 2.34 0.00	96.39 1.00 0.00	44.31 -0.06 0.00	64.83 -0.18 0.00	75.54 1.66 0.00	74.12 -0.15 0.00	79.97 -1.42 0.00	107.54 -1.33 0.00	158.74 -0.87 0.00	189.34 1.59 0.00	173.67 4.72 0.00	170.16 7.30 0.00	153.61 6.93 0.00	162.97 8.01 0.00	133.00 5.87 0.00
BEEBEE_GT_13 23619	65.88 -2.75 0.00	56.28 -2.42 0.00	55.61 -2.52 0.00	55.96 -2.41 0.00	55.61 -2.42 0.00	52.89 -2.57 0.00	49.38 -2.78 0.03	61.48 -4.05 1.30	71.80 -4.46 2.03	71.60 -4.86 3.32	83.55 -6.12 5.72	40.26 -2.90 1.21	60.28 -3.77 0.96	67.36 -4.38 2.13	70.82 -3.16 0.29	78.10 -3.30 0.00	105.67 -3.20 0.00	156.72 -2.89 0.00	185.79 -1.97 0.00	166.29 -2.66 0.00	159.68 -3.18 0.00	142.68 -3.99 0.00	152.15 -2.81 0.00	124.73 -2.39 0.00
BENSHRST_27_KV_BENSHRST_1 355998	72.02 3.38 0.00	61.50 2.80 0.00	60.96 2.83 0.00	61.12 2.76 0.00	60.86 2.83 0.00	58.56 3.09 0.00	55.29 3.10 0.00	70.68 3.85 0.00	84.17 4.06 -1.83	84.00 4.21 0.00	100.87 5.48 0.00	120.40 2.60 -73.44	79.02 3.81 -10.20	118.00 3.95 -40.19	78.37 4.10 0.00	85.56 4.17 0.00	114.54 5.67 0.00	168.01 8.40 0.00	196.93 9.17 0.00	176.77 7.82 0.00	170.75 7.89 0.00	153.70 7.03 0.00	159.91 4.94 0.00	130.74 3.62 0.00
BETHLEHEM___GRP 23843	71.01 2.38 0.00	60.70 2.00 0.00	60.14 2.01 0.00	60.36 1.99 0.00	60.01 1.98 0.00	57.10 1.64 0.00	53.33 1.14 0.00	68.42 1.60 0.00	80.07 1.78 0.00	81.69 1.90 0.00	98.13 2.74 0.00	45.64 1.28 0.00	66.77 1.76 0.00	75.86 1.99 0.00	76.14 1.87 0.00	83.44 2.05 0.00	111.79 2.93 0.00	163.21 3.60 0.00	191.08 3.32 0.00	171.99 3.04 0.00	165.49 2.63 0.00	149.54 2.86 0.00	157.63 2.67 0.00	130.62 3.50 0.00
BETHLEHEM___GS1 323560	71.01 2.38 0.00	60.70 2.00 0.00	60.14 2.01 0.00	60.36 1.99 0.00	60.01 1.98 0.00	57.10 1.64 0.00	53.33 1.14 0.00	68.42 1.60 0.00	80.07 1.78 0.00	81.67 1.89 0.00	98.12 2.73 0.00	45.65 1.28 0.00	66.77 1.75 0.00	75.86 1.99 0.00	76.14 1.87 0.00	83.44 2.05 0.00	111.80 2.93 0.00	163.19 3.58 0.00	191.09 3.33 0.00	171.99 3.04 0.00	165.49 2.63 0.00	149.55 2.88 0.00	157.63 2.67 0.00	130.63 3.51 0.00
BETHLEHEM___GS2 323561	71.01 2.38 0.00	60.70 2.00 0.00	60.14 2.01 0.00	60.36 1.99 0.00	60.01 1.98 0.00	57.10 1.64 0.00	53.33 1.14 0.00	68.42 1.60 0.00	80.07 1.78 0.00	81.67 1.89 0.00	98.12 2.73 0.00	45.65 1.28 0.00	66.77 1.75 0.00	75.86 1.99 0.00	76.14 1.87 0.00	83.44 2.05 0.00	111.80 2.93 0.00	163.19 3.58 0.00	191.09 3.33 0.00	171.99 3.04 0.00	165.49 2.63 0.00	149.55 2.88 0.00	157.63 2.67 0.00	130.63 3.51 0.00
BETHLEHEM___GS3 323562	71.01 2.38 0.00	60.70 2.00 0.00	60.14 2.01 0.00	60.36 1.99 0.00	60.01 1.98 0.00	57.10 1.64 0.00	53.33 1.14 0.00	68.42 1.60 0.00	80.07 1.78 0.00	81.67 1.89 0.00	98.12 2.73 0.00	45.65 1.28 0.00	66.77 1.75 0.00	75.86 1.99 0.00	76.14 1.87 0.00	83.44 2.05 0.00	111.80 2.93 0.00	163.19 3.58 0.00	191.09 3.33 0.00	171.99 3.04 0.00	165.49 2.63 0.00	149.55 2.88 0.00	157.63 2.67 0.00	130.63 3.51 0.00
BETHLEHEM___STEEL 23779	63.92 -4.71 0.00	54.62 -4.09 0.00	53.95 -4.17 0.00	54.40 -3.96 0.00	54.03 -4.00 0.00	51.05 -4.42 0.00	47.21 -4.95 0.03	58.10 -7.36 1.37	67.82 -8.33 2.14	67.19 -9.09 3.51	58.75 -11.03 25.61	31.51 -5.23 7.63	56.89 -7.11 1.01	63.34 -8.28 2.25	67.43 -6.53 0.31	74.70 -6.69 0.00	101.69 -7.18 0.00	152.74 -6.87 0.00	182.95 -4.80 0.00	163.93 -5.02 0.00	157.76 -5.10 0.00	140.82 -5.85 0.00	151.38 -3.59 0.00	124.42 -2.70 0.00
BETHLHEM_115KV_TB1 79974	70.97 2.34 0.00	60.66 1.96 0.00	60.10 1.97 0.00	60.32 1.96 0.00	59.97 1.94 0.00	57.08 1.62 0.00	53.38 1.19 0.00	68.48 1.65 0.00	80.14 1.85 0.00	81.74 1.95 0.00	98.17 2.78 0.00	45.66 1.30 0.00	66.81 1.80 0.00	75.91 2.04 0.00	76.18 1.91 0.00	83.46 2.07 0.00	111.86 2.99 0.00	163.33 3.72 0.00	191.27 3.51 0.00	172.16 3.21 0.00	165.68 2.82 0.00	149.70 3.03 0.00	157.73 2.76 0.00	130.53 3.41 0.00
BETHPAGE_CC_5 323564	72.64 4.01 0.00	61.82 3.12 0.00	61.26 3.13 0.00	61.34 2.97 0.00	61.11 3.08 0.00	58.87 3.41 0.00	106.34 3.44 -50.70	77.84 4.43 -6.59	85.02 4.91 -1.82	113.00 5.18 -28.04	123.65 6.42 -21.83	123.21 2.83 -76.02	78.91 3.77 -10.12	117.98 4.24 -39.88	78.99 4.72 0.00	109.85 5.16 -23.30	129.16 7.00 -13.30	167.61 9.36 1.35	195.67 10.31 2.40	176.25 8.97 1.67	170.32 8.92 1.46	154.21 8.37 0.83	159.70 5.85 1.12	131.46 4.36 0.02
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	64.16 -4.47 0.00	54.79 -3.91 0.00	54.14 -3.99 0.00	54.59 -3.78 0.00	54.21 -3.82 0.00	51.25 -4.21 0.00	47.43 -4.73 0.03	58.34 -7.12 1.37	68.15 -7.99 2.14	67.52 -8.75 3.52	59.83 -10.56 25.00	31.90 -5.03 7.43	57.15 -6.84 1.01	63.63 -7.99 2.25	67.74 -6.22 0.31	74.99 -6.40 0.00	102.16 -6.71 0.00	153.57 -6.04 0.00	183.95 -3.80 0.00	164.85 -4.11 0.00	158.66 -4.19 0.00	141.60 -5.08 0.00	152.14 -2.82 0.00	124.98 -2.14 0.00
BINGHAMTON___COGEN 23790	67.29 -1.34 0.00	57.64 -1.07 0.00	57.11 -1.02 0.00	57.36 -1.01 0.00	57.08 -0.95 0.00	54.40 -1.06 0.00	50.92 -1.24 0.03	61.49 -3.83 1.51	71.47 -4.46 2.35	71.14 -4.79 3.86	89.03 -5.74 0.62	42.01 -2.91 -0.55	60.01 -3.89 1.11	66.68 -4.72 2.47	71.35 -2.58 0.34	79.57 -1.82 0.00	107.14 -1.73 0.00	157.60 -2.01 0.00	186.69 -1.07 0.00	168.14 -0.81 0.00	162.43 -0.43 0.00	146.11 -0.56 0.00	154.82 -0.15 0.00	126.70 -0.42 0.00

BIXINCNT_115KV_LOAD 355685	63.66 -4.97 0.00	54.04 -4.67 0.00	53.56 -4.57 0.00	54.19 -4.18 0.00	53.95 -4.08 0.00	51.21 -4.25 0.00	47.30 -4.86 0.03	57.78 -7.67 1.38	68.33 -7.80 2.16	67.33 -8.92 3.55	62.64 -10.25 22.49	32.57 -5.19 6.61	56.64 -7.34 1.02	62.51 -9.09 2.27	66.55 -7.41 0.31	73.60 -7.79 0.00	102.09 -6.78 0.00	154.64 -4.96 0.00	187.57 -0.19 0.00	168.63 -0.32 0.00	162.80 -0.06 0.00	145.50 -1.17 0.00	156.07 1.11 0.00	127.89 0.77 0.00
BLACK RIVER___HYD 24047	66.72 -1.91 0.00	56.74 -1.97 0.00	56.05 -2.08 0.00	56.24 -2.13 0.00	56.35 -1.68 0.00	54.78 -0.67 0.00	52.58 0.39 0.00	67.67 0.85 0.00	80.47 2.19 0.00	82.12 2.33 0.00	95.99 0.60 0.00	43.98 -0.39 0.00	64.60 -0.40 0.00	75.30 1.43 0.00	73.77 -0.50 0.00	79.86 -1.53 0.00	108.04 -0.84 0.00	159.78 0.17 0.00	190.60 2.84 0.00	175.28 6.33 0.00	172.20 9.34 0.00	155.08 8.41 0.00	164.16 9.19 0.00	133.73 6.61 0.00
BLACKRVR_115KV_TB2 79977	66.72 -1.91 0.00	56.74 -1.97 0.00	56.05 -2.08 0.00	56.24 -2.13 0.00	56.35 -1.68 0.00	54.78 -0.68 0.00	52.58 0.39 0.00	67.66 0.84 0.00	80.45 2.17 0.00	82.12 2.34 0.00	95.98 0.59 0.00	43.98 -0.39 0.00	64.60 -0.41 0.00	75.30 1.43 0.00	73.77 -0.50 0.00	79.86 -1.53 0.00	108.03 -0.84 0.00	159.78 0.17 0.00	190.60 2.84 0.00	175.28 6.33 0.00	172.21 9.35 0.00	155.09 8.41 0.00	164.16 9.19 0.00	133.74 6.62 0.00
BLDWN_LI_69_KV_BK4 356085	72.98 4.35 0.00	62.12 3.41 0.00	61.54 3.42 0.00	61.64 3.28 0.00	61.42 3.39 0.00	59.17 3.70 0.00	113.33 3.56 -57.58	78.15 4.73 -6.59	85.43 5.33 -1.82	113.41 5.59 -28.04	123.90 6.67 -21.83	123.43 3.04 -76.02	79.33 4.20 -10.12	118.48 4.73 -39.88	79.42 5.15 0.00	110.30 5.61 -23.30	129.41 7.24 -13.30	169.25 9.64 0.00	198.41 10.65 0.00	178.30 9.35 0.00	172.22 9.36 0.00	155.96 9.29 0.00	161.75 6.78 0.00	132.33 5.21 0.00
BLISS_WT_PWR 323608	63.22 -5.41 0.00	53.56 -5.14 0.00	53.11 -5.01 0.00	53.81 -4.56 0.00	53.56 -4.47 0.00	50.88 -4.57 0.00	46.98 -5.18 0.03	57.28 -8.16 1.38	67.96 -8.16 2.16	66.86 -9.38 3.55	62.29 -10.60 22.49	32.33 -5.43 6.61	56.17 -7.82 1.02	61.82 -9.78 2.27	65.78 -8.17 0.31	72.80 -8.59 0.00	101.54 -7.33 0.00	124.73 -5.25 29.62	118.50 0.00 69.26	168.88 -0.07 0.00	163.10 0.25 0.00	145.72 -0.95 0.00	156.37 1.40 0.00	128.07 0.95 0.00
BLUESTONE___WT_PWR 323821	69.57 0.93 0.00	59.65 0.94 0.00	58.68 0.55 0.00	59.18 0.82 0.00	58.45 0.42 0.00	55.78 0.32 0.00	53.10 0.93 0.02	65.48 -0.25 1.10	75.94 -0.63 1.72	75.55 -1.43 2.81	93.63 -2.31 -0.55	43.18 -1.91 -0.73	61.43 -2.77 0.81	68.25 -3.81 1.80	71.30 -2.73 0.24	79.25 -2.14 0.00	107.01 -1.86 0.00	163.88 -1.90 -6.18	201.99 -0.21 -14.44	170.05 1.10 0.00	163.63 0.77 0.00	149.52 2.85 0.00	161.01 6.04 0.00	131.73 4.61 0.00
BLUE_CIRC_CHEM_DRP 24182	71.21 2.57 0.00	60.93 2.23 0.00	60.36 2.23 0.00	60.58 2.22 0.00	60.22 2.18 0.00	57.35 1.89 0.00	53.72 1.53 0.00	68.89 2.06 0.00	80.59 2.30 0.00	82.15 2.36 0.00	98.54 3.15 0.00	45.83 1.47 0.00	67.04 2.03 0.00	76.24 2.37 0.00	76.50 2.23 0.00	83.89 2.50 0.00	112.54 3.67 0.00	164.27 4.66 0.00	192.53 4.77 0.00	173.18 4.23 0.00	166.81 3.95 0.00	150.64 3.97 0.00	158.88 3.92 0.00	131.05 3.92 0.00
BOC_GAS_DRP 24189	70.57 1.94 0.00	60.36 1.66 0.00	59.80 1.67 0.00	60.02 1.66 0.00	59.68 1.65 0.00	56.87 1.41 0.00	53.37 1.18 0.00	68.46 1.63 0.00	80.09 1.81 0.00	81.67 1.88 0.00	97.97 2.58 0.00	45.58 1.21 0.00	66.69 1.68 0.00	75.79 1.92 0.00	76.03 1.77 0.00	83.28 1.89 0.00	111.58 2.72 0.00	163.06 3.45 0.00	191.09 3.33 0.00	171.92 2.96 0.00	165.66 2.80 0.00	149.58 2.91 0.00	157.52 2.55 0.00	129.68 2.56 0.00
BOONVILLE_115KV_TB1 79983	69.67 1.04 0.00	59.44 0.73 0.00	58.75 0.62 0.00	58.93 0.57 0.00	58.76 0.73 0.00	56.77 1.31 0.00	54.21 2.02 0.00	69.62 2.79 0.00	82.23 3.94 0.00	83.89 4.10 0.00	99.14 3.75 0.00	45.78 1.41 0.00	66.99 1.98 0.00	77.54 3.67 0.00	76.91 2.64 0.00	83.45 2.06 0.00	112.41 3.54 0.00	165.52 5.91 0.00	196.64 8.88 0.00	178.94 9.99 0.00	173.96 11.10 0.00	156.56 9.89 0.00	165.31 10.34 0.00	134.82 7.70 0.00
BORALEX_4TH_BRANCH 23824	72.42 3.78 0.00	61.80 3.10 0.00	61.23 3.10 0.00	61.49 3.12 0.00	61.09 3.06 0.00	58.31 2.85 0.00	54.86 2.67 0.00	70.32 3.49 0.00	82.62 3.95 -0.39	83.80 4.01 0.00	100.50 5.11 0.00	62.31 2.40 -15.54	70.51 3.34 -2.16	86.03 3.65 -8.50	77.92 3.65 0.00	85.33 3.94 0.00	114.55 5.68 0.00	168.14 8.53 0.00	198.19 10.43 0.00	177.83 8.88 0.00	171.01 8.15 0.00	154.95 8.27 0.00	163.42 8.45 0.00	134.26 7.14 0.00
BOWLINE___1 23526	70.74 2.11 0.00	60.37 1.67 0.00	59.89 1.77 0.00	60.06 1.70 0.00	59.80 1.77 0.00	57.42 1.96 0.00	54.18 1.99 0.00	69.35 2.52 0.00	77.68 2.65 3.26	82.55 2.76 0.00	99.17 3.78 0.00	-84.52 1.75 130.63	49.30 2.43 18.14	4.97 2.57 71.48	76.83 2.56 0.00	84.07 2.68 0.00	112.64 3.77 0.00	164.90 5.30 0.00	193.37 5.61 0.00	173.73 4.78 0.00	167.79 4.93 0.00	151.16 4.49 0.00	157.68 2.72 0.00	129.07 1.95 0.00
BOWLINE___2 23595	70.83 2.19 0.00	60.47 1.77 0.00	59.97 1.84 0.00	60.16 1.79 0.00	59.87 1.84 0.00	57.50 2.04 0.00	54.27 2.08 0.00	69.44 2.61 0.00	77.79 2.76 3.26	82.66 2.87 0.00	99.27 3.88 0.00	-84.41 1.80 130.58	49.40 2.53 18.14	5.10 2.68 71.45	76.93 2.66 0.00	84.19 2.80 0.00	112.79 3.92 0.00	165.15 5.54 0.00	193.63 5.88 0.00	173.96 5.01 0.00	168.00 5.14 0.00	151.37 4.70 0.00	157.87 2.90 0.00	129.27 2.15 0.00
BRADY___115KV_TB2 356060	69.86 1.23 0.00	59.83 1.13 0.00	59.21 1.08 0.00	59.45 1.08 0.00	59.10 1.07 0.00	56.58 1.12 0.00	53.16 0.97 0.00	68.33 1.50 0.00	80.22 1.93 0.00	81.83 2.04 0.00	97.63 2.24 0.00	45.44 1.08 0.00	66.42 1.41 0.00	75.30 1.43 0.00	75.56 1.29 0.00	82.70 1.32 0.00	110.20 1.34 0.00	161.89 2.28 0.00	190.59 2.83 0.00	171.79 2.84 0.00	165.29 2.43 0.00	148.63 1.96 0.00	158.24 3.28 0.00	129.85 2.73 0.00
BRANSCOMB___SOLAR 323811	72.17 3.54 0.00	61.62 2.91 0.00	61.02 2.90 0.00	61.31 2.95 0.00	61.00 2.97 0.00	58.23 2.77 0.00	54.90 2.71 0.00	70.55 3.72 0.00	82.52 4.23 0.00	84.04 4.25 0.00	100.63 5.24 0.00	46.76 2.39 0.00	68.41 3.40 0.00	77.61 3.74 0.00	77.96 3.69 0.00	85.66 4.27 0.00	115.30 6.43 0.00	168.92 9.31 0.00	198.29 10.53 0.00	178.14 9.19 0.00	171.65 8.79 0.00	154.98 8.31 0.00	163.33 8.36 0.00	133.76 6.64 0.00
BRDGHMPT_69_KV_BK1 55812	74.63 6.00 0.00	63.20 4.50 0.00	62.85 4.72 0.00	62.26 3.90 0.00	61.86 3.83 0.00	59.63 4.17 0.00	98.58 4.51 -41.88	79.27 5.85 -6.59	86.51 6.40 -1.82	114.55 6.72 -28.04	126.35 9.13 -21.83	123.92 3.54 -76.02	79.35 4.22 -10.12	118.39 4.64 -39.88	79.90 5.63 0.00	110.96 6.27 -23.30	131.35 9.18 -13.30	217.29 12.94 -44.74	249.62 14.33 -47.52	243.79 12.66 -62.18	223.14 12.60 -47.68	214.34 11.35 -56.31	169.78 8.67 -6.14	133.66 6.55 0.01

BRENTWOD_69_KV_W. BRTWOOD 56703	73.92 5.29 0.00	62.78 4.08 0.00	62.20 4.07 0.00	62.23 3.86 0.00	62.02 3.98 0.00	59.81 4.35 0.00	100.01 4.49 -43.32	79.22 5.80 -6.59	86.56 6.45 -1.82	114.59 6.77 -28.04	125.64 8.42 -21.83	124.00 3.62 -76.02	79.89 4.75 -10.12	119.13 5.38 -39.88	80.39 6.12 0.00	111.43 6.74 -23.30	131.22 9.05 -13.30	173.24 12.15 -1.48	201.20 13.38 -0.06	182.80 11.48 -2.38	175.77 11.36 -1.55	160.43 10.53 -3.22	161.84 8.14 1.26	133.00 5.90 0.03
BRISTLHL_115KV_TB1 79998	65.85 -2.78 0.00	56.31 -2.39 0.00	55.75 -2.37 0.00	55.99 -2.38 0.00	55.71 -2.32 0.00	53.24 -2.22 0.00	50.16 -2.04 0.00	64.01 -3.06 -0.25	75.15 -3.53 -0.39	76.82 -3.61 -0.64	92.08 -4.40 -1.10	42.51 -2.09 -0.23	62.25 -2.95 -0.18	70.94 -3.35 -0.41	71.45 -2.87 -0.06	78.34 -3.05 0.00	105.22 -3.65 0.00	154.67 -4.94 0.00	182.42 -5.33 0.00	164.11 -4.84 0.00	158.18 -4.68 0.00	142.21 -4.46 0.00	150.14 -4.83 0.00	123.08 -4.04 0.00
BROOKHAVEN___DRP 24191	73.84 5.21 0.00	62.67 3.97 0.00	62.14 4.01 0.00	62.05 3.68 0.00	61.79 3.76 0.00	59.62 4.16 0.00	98.41 4.38 -41.85	79.07 5.66 -6.59	86.27 6.16 -1.82	114.20 6.38 -28.04	125.47 8.25 -21.83	123.81 3.43 -76.02	79.36 4.23 -10.12	118.52 4.77 -39.88	79.91 5.64 0.00	110.99 6.31 -23.30	130.97 8.80 -13.30	216.66 12.13 -44.92	249.11 13.55 -47.80	243.20 11.84 -62.41	222.39 11.66 -47.87	213.81 10.67 -56.47	169.30 8.09 -6.25	133.19 6.08 0.01
BROOKLYN_NAVY_YARD 23515	71.20 2.57 0.00	60.80 2.10 0.00	60.31 2.18 0.00	60.48 2.11 0.00	60.20 2.17 0.00	57.84 2.38 0.01	54.71 2.52 0.00	69.97 3.15 0.00	83.55 3.42 -1.84	83.32 3.53 0.00	100.29 4.89 0.00	120.24 2.29 -73.58	78.43 3.20 -10.22	117.49 3.35 -40.26	77.72 3.46 0.00	84.98 3.59 0.00	113.82 4.95 0.00	166.57 6.96 0.00	195.11 7.35 0.00	175.18 6.23 0.00	169.06 6.20 0.00	152.27 5.60 0.00	158.69 3.72 0.00	129.86 2.74 0.00
BROOKLYN___ARMY_DRP 323595	71.65 3.02 0.00	61.20 2.49 0.00	60.67 2.55 0.00	60.83 2.46 0.00	60.59 2.56 0.00	58.28 2.82 0.00	55.01 2.82 0.00	70.28 3.46 0.00	83.72 3.60 -1.83	83.51 3.72 0.00	100.30 4.91 0.00	120.15 2.34 -73.44	78.64 3.43 -10.20	117.56 3.51 -40.19	77.94 3.67 0.00	85.06 3.67 0.00	113.85 4.98 0.00	166.90 7.30 0.00	195.59 7.84 0.00	175.59 6.64 0.00	169.59 6.73 0.00	152.67 6.00 0.00	158.87 3.90 0.00	129.95 2.83 0.00
BROOME_2_LFGE 323671	67.30 -1.33 0.00	57.64 -1.07 0.00	57.11 -1.02 0.00	57.36 -1.01 0.00	57.09 -0.94 0.00	54.40 -1.06 0.00	50.92 -1.24 0.03	61.49 -3.84 1.51	71.48 -4.45 2.35	71.15 -4.78 3.86	89.01 -5.76 0.62	42.00 -2.92 -0.55	60.01 -3.88 1.11	66.68 -4.72 2.47	71.35 -2.59 0.34	79.58 -1.81 0.00	107.14 -1.73 0.00	165.29 -2.00 -7.68	204.66 -1.06 -17.96	168.16 -0.79 0.00	162.44 -0.41 0.00	146.12 -0.56 0.00	154.82 -0.15 0.00	126.70 -0.42 0.00
BROOME___LFGE 323600	67.30 -1.33 0.00	57.64 -1.07 0.00	57.11 -1.02 0.00	57.36 -1.01 0.00	57.09 -0.94 0.00	54.40 -1.06 0.00	50.92 -1.24 0.03	61.49 -3.84 1.51	71.48 -4.45 2.35	71.15 -4.78 3.86	89.01 -5.76 0.62	42.00 -2.92 -0.55	60.01 -3.88 1.11	66.68 -4.72 2.47	71.35 -2.59 0.34	79.58 -1.81 0.00	107.14 -1.73 0.00	165.29 -2.00 -7.68	204.66 -1.06 -17.96	168.16 -0.79 0.00	162.44 -0.41 0.00	146.12 -0.56 0.00	154.82 -0.15 0.00	126.70 -0.42 0.00
BROWNFLS_115KV_TB 3_5 80003	67.57 -1.06 0.00	57.74 -0.96 0.00	57.09 -1.04 0.00	57.30 -1.07 0.00	57.03 -1.01 0.00	54.91 -0.55 0.00	52.05 -0.14 0.00	66.98 0.15 0.00	79.22 0.93 0.00	80.86 1.08 0.00	95.77 0.38 0.00	44.24 -0.12 0.00	64.69 -0.32 0.00	74.49 0.62 0.00	73.60 -0.67 0.00	79.71 -1.68 0.00	106.53 -2.34 0.00	156.90 -2.71 0.00	186.15 -1.61 0.00	169.63 0.68 0.00	165.05 2.19 0.00	148.86 2.19 0.00	158.90 3.94 0.00	130.15 3.03 0.00
BROWNSV1_27_KV_LOAD 356125	72.17 3.53 0.00	61.57 2.87 0.00	61.06 2.93 0.00	61.22 2.85 0.00	60.99 2.95 0.00	58.62 3.16 0.00	55.40 3.21 0.00	70.90 4.07 0.00	84.64 4.52 -1.84	84.47 4.68 0.00	101.53 6.14 0.00	120.82 2.87 -73.58	79.33 4.10 -10.22	118.46 4.33 -40.26	78.66 4.39 0.00	86.06 4.67 0.00	115.29 6.42 0.00	168.83 9.23 0.00	197.85 10.09 0.00	177.63 8.68 0.00	171.40 8.54 0.00	154.36 7.69 0.00	160.78 5.82 0.00	131.48 4.36 0.00
BURROWS___LYONSDAL 23803	68.91 0.28 0.00	58.74 0.03 0.00	58.05 -0.08 0.00	58.23 -0.14 0.00	58.09 0.06 0.00	56.24 0.78 0.00	53.83 1.64 0.00	69.14 2.31 0.00	81.84 3.55 0.00	83.47 3.69 0.00	98.36 2.97 0.00	45.35 0.98 0.00	66.33 1.32 0.00	77.03 3.16 0.00	76.13 1.86 0.00	82.41 1.02 0.00	111.01 2.14 0.00	163.54 3.93 0.00	194.60 6.84 0.00	177.60 8.65 0.00	173.16 10.30 0.00	155.93 9.25 0.00	164.84 9.87 0.00	134.41 7.29 0.00
CAITHNESS_CC_1 323624	73.60 4.97 0.00	62.49 3.79 0.00	61.95 3.82 0.00	61.88 3.51 0.00	61.64 3.61 0.00	59.47 4.00 0.00	98.22 4.21 -41.81	78.86 5.45 -6.59	86.05 5.94 -1.82	113.98 6.15 -28.04	125.15 7.93 -21.83	123.70 3.31 -76.02	79.26 4.12 -10.12	118.41 4.66 -39.88	79.73 5.46 0.00	110.78 6.09 -23.30	130.56 8.39 -13.30	216.17 11.49 -45.07	248.56 12.78 -48.02	242.71 11.16 -62.60	221.89 11.01 -48.03	213.42 10.15 -56.59	168.85 7.54 -6.33	132.76 5.65 0.01
CALPINE BETH_PAGE_GT4 24209	72.45 3.81 0.00	61.68 2.98 0.00	61.12 2.99 0.00	61.22 2.85 0.00	60.99 2.96 0.00	58.76 3.30 0.00	109.54 3.30 -54.04	77.70 4.29 -6.59	84.84 4.73 -1.82	112.83 5.01 -28.04	123.43 6.20 -21.83	123.13 2.75 -76.02	78.81 3.67 -10.12	117.87 4.12 -39.88	78.84 4.57 0.00	109.68 4.99 -23.30	128.91 6.74 -13.30	167.71 9.07 0.97	195.96 9.93 1.72	176.37 8.62 1.20	170.42 8.61 1.05	154.19 8.12 0.60	159.73 5.57 0.80	131.34 4.23 0.01
CALPINE_BETH_PAGE_GT_4 323586	72.44 3.81 0.00	61.68 2.98 0.00	61.12 3.00 0.00	61.21 2.85 0.00	60.99 2.96 0.00	58.76 3.30 0.00	109.53 3.30 -54.05	77.70 4.28 -6.59	84.84 4.74 -1.82	112.83 5.00 -28.04	123.43 6.20 -21.83	123.12 2.74 -76.02	78.80 3.67 -10.12	117.86 4.11 -39.88	78.86 4.59 0.00	109.68 4.99 -23.30	128.90 6.73 -13.30	167.67 9.04 0.97	195.95 9.92 1.72	176.38 8.63 1.20	170.42 8.60 1.05	154.20 8.13 0.60	159.73 5.57 0.80	131.34 4.23 0.01
CALPINE_BP_GT1 23823	72.44 3.81 0.00	61.68 2.98 0.00	61.12 3.00 0.00	61.21 2.85 0.00	60.99 2.96 0.00	58.76 3.30 0.00	109.53 3.30 -54.05	77.70 4.28 -6.59	84.84 4.74 -1.82	112.83 5.00 -28.04	123.43 6.20 -21.83	123.12 2.74 -76.02	78.80 3.67 -10.12	117.86 4.11 -39.88	78.86 4.59 0.00	109.68 4.99 -23.30	128.90 6.73 -13.30	167.67 9.04 0.97	195.95 9.92 1.72	176.38 8.63 1.20	170.42 8.60 1.05	154.20 8.13 0.60	159.73 5.57 0.80	131.34 4.23 0.01
CALSPAN___DRP 24200	63.92 -4.71 0.00	54.62 -4.09 0.00	53.95 -4.17 0.00	54.40 -3.96 0.00	54.03 -4.00 0.00	51.05 -4.42 0.00	47.21 -4.95 0.03	58.10 -7.36 1.37	67.82 -8.33 2.14	67.19 -9.09 3.51	58.75 -11.03 25.61	31.51 -5.23 7.63	56.89 -7.11 1.01	63.34 -8.28 2.25	67.43 -6.53 0.31	74.70 -6.69 0.00	101.69 -7.18 0.00	152.74 -6.87 0.00	182.95 -4.80 0.00	163.93 -5.02 0.00	157.76 -5.10 0.00	140.82 -5.85 0.00	151.38 -3.59 0.00	124.42 -2.70 0.00

CALVERTON___SOLAR 323806	74.04 5.41 0.00	62.84 4.13 0.00	62.31 4.18 0.00	62.17 3.80 0.00	61.91 3.88 0.00	59.74 4.28 0.00	98.55 4.50 -41.86	79.24 5.82 -6.59	86.46 6.35 -1.82	114.38 6.56 -28.04	125.76 8.53 -21.83	123.89 3.51 -76.02	79.41 4.28 -10.12	118.59 4.84 -39.88	80.04 5.77 0.00	111.15 6.46 -23.30	131.27 9.09 -13.30	217.16 12.66 -44.89	249.63 14.13 -47.74	243.74 12.41 -62.38	222.89 12.19 -47.84	214.32 11.18 -56.46	169.76 8.58 -6.21	133.55 6.44 0.01
CANDIGU_WT_PWR 323617	63.62 -5.02 0.00	54.51 -4.19 0.00	54.01 -4.12 0.00	54.37 -4.00 0.00	54.11 -3.92 0.00	51.35 -4.11 0.00	47.92 -4.24 0.03	58.21 -7.18 1.44	67.58 -8.45 2.25	66.67 -9.43 3.69	-20.49 -11.79 104.09	5.45 -5.83 33.08	55.71 -8.23 1.07	61.60 -9.90 2.37	65.55 -8.39 0.33	73.38 -8.01 0.00	99.98 -8.89 0.00	160.25 -9.16 -9.79	205.08 -5.58 -22.90	165.11 -3.84 0.00	160.04 -2.82 0.00	143.72 -2.95 0.00	153.48 -1.49 0.00	125.74 -1.38 0.00
CARR STREET_E_SYR 24060	66.76 -1.87 0.00	57.12 -1.58 0.00	56.55 -1.58 0.00	56.80 -1.57 0.00	56.51 -1.52 0.00	53.98 -1.48 0.00	50.77 -1.39 0.03	63.07 -2.43 1.33	73.42 -2.79 2.08	73.46 -2.91 3.42	85.98 -3.54 5.88	41.44 -1.69 1.24	61.68 -2.34 0.99	68.90 -2.78 2.19	71.89 -2.08 0.30	79.41 -1.98 0.00	106.66 -2.21 0.00	156.73 -2.88 0.00	184.89 -2.86 0.00	166.28 -2.67 0.00	160.28 -2.58 0.00	144.08 -2.59 0.00	152.30 -2.67 0.00	124.73 -2.39 0.00
CARTHAGE___PAPER 23857	67.57 -1.06 0.00	57.51 -1.19 0.00	56.82 -1.31 0.00	57.01 -1.36 0.00	57.04 -1.00 0.00	55.42 -0.04 0.00	53.11 0.92 0.00	68.37 1.54 0.00	81.24 2.96 0.00	82.93 3.13 0.00	97.14 1.75 0.00	44.60 0.23 0.00	65.34 0.33 0.00	76.14 2.27 0.00	74.67 0.40 0.00	80.73 -0.66 0.00	108.83 -0.04 0.00	160.75 1.14 0.00	191.56 3.81 0.00	175.89 6.94 0.00	172.48 9.62 0.00	155.51 8.84 0.00	164.87 9.90 0.00	134.40 7.27 0.00
CASSADAGA_WT_PWR 323784	60.69 -7.94 0.00	52.31 -6.39 0.00	51.98 -6.15 0.00	52.98 -5.39 0.00	53.30 -4.73 0.00	50.17 -5.29 0.00	45.92 -6.23 0.03	56.02 -9.43 1.38	66.16 -9.96 2.16	65.06 -11.18 3.55	57.49 -14.50 23.40	30.56 -6.90 6.91	54.68 -9.30 1.02	60.74 -10.86 2.27	65.15 -8.81 0.31	74.38 -7.00 0.00	102.38 -6.49 0.00	125.31 -5.41 28.88	118.46 -1.78 67.52	168.55 -0.40 0.00	163.58 0.72 0.00	146.41 -0.26 0.00	156.79 1.83 0.00	128.15 1.03 0.00
CE_DUNWOOD___DRP 24194	71.37 2.74 0.00	60.94 2.24 0.00	60.44 2.31 0.00	60.60 2.24 0.00	60.32 2.29 0.00	57.93 2.47 0.00	54.69 2.50 0.00	69.99 3.16 0.00	83.69 3.45 -1.97	83.39 3.60 0.00	100.18 4.79 0.00	125.29 2.22 -78.70	79.06 3.12 -10.93	120.28 3.35 -43.06	77.64 3.37 0.00	84.96 3.57 0.00	113.86 4.99 0.00	166.65 7.04 0.00	195.34 7.58 0.00	175.45 6.50 0.00	169.28 6.42 0.00	152.56 5.89 0.00	159.10 4.14 0.00	130.24 3.12 0.00
CE_MILLWOOD___DRP 24193	71.27 2.63 0.00	60.84 2.14 0.00	60.33 2.20 0.00	60.51 2.15 0.00	60.24 2.21 0.00	57.83 2.37 0.00	54.58 2.40 0.00	69.85 3.03 0.00	83.63 3.29 -2.06	83.22 3.43 0.00	99.98 4.59 0.00	128.91 2.12 -82.43	79.43 2.97 -11.45	122.17 3.20 -45.10	77.46 3.19 0.00	84.80 3.40 0.00	113.61 4.74 0.00	166.29 6.69 0.00	194.92 7.16 0.00	175.12 6.16 0.00	169.00 6.15 0.00	152.29 5.62 0.00	158.89 3.93 0.00	130.05 2.92 0.00
CE_NYC2_DRP 24202	71.48 2.85 0.00	61.05 2.35 0.00	60.53 2.40 0.00	60.70 2.33 0.00	60.45 2.42 0.00	58.12 2.67 0.00	54.86 2.67 0.00	70.15 3.32 0.00	83.67 3.55 -1.83	83.54 3.75 0.00	100.51 5.12 0.00	120.23 2.43 -73.44	78.64 3.43 -10.20	117.64 3.58 -40.19	77.96 3.69 0.00	85.17 3.78 0.00	114.02 5.15 0.00	166.94 7.33 0.00	195.62 7.86 0.00	175.45 6.50 0.00	169.36 6.50 0.00	152.48 5.80 0.00	158.82 3.85 0.00	129.99 2.87 0.00
CE_NYC_DRP 24195	71.50 2.87 0.00	61.04 2.33 0.00	60.53 2.41 0.00	60.71 2.34 0.00	60.49 2.45 0.00	58.14 2.68 0.00	54.89 2.70 0.00	70.23 3.40 0.00	83.87 3.74 -1.84	83.70 3.91 0.00	100.59 5.20 0.00	120.44 2.46 -73.62	78.71 3.48 -10.23	117.86 3.71 -40.28	78.05 3.78 0.00	85.35 3.96 0.00	114.30 5.43 0.00	167.29 7.68 0.00	195.97 8.21 0.00	175.91 6.96 0.00	169.71 6.85 0.00	152.84 6.17 0.00	159.20 4.23 0.00	130.20 3.08 0.00
CHAFFEE___LFGE 323603	64.46 -4.17 0.00	55.07 -3.63 0.00	54.41 -3.72 0.00	54.84 -3.53 0.00	54.47 -3.56 0.00	51.51 -3.95 0.00	47.76 -4.40 0.03	58.79 -6.66 1.38	68.56 -7.57 2.15	67.99 -8.27 3.53	61.41 -9.91 24.07	32.52 -4.72 7.13	57.56 -6.43 1.02	64.12 -7.49 2.26	68.20 -5.75 0.31	75.56 -5.83 0.00	102.79 -6.08 0.00	128.28 -5.18 26.16	123.75 -2.87 61.15	165.69 -3.26 0.00	159.45 -3.41 0.00	142.25 -4.43 0.00	152.74 -2.23 0.00	125.44 -1.69 0.00
CHATEAUG_35_KV_LOAD 355732	68.72 0.09 0.00	58.87 0.17 0.00	58.23 0.10 0.00	58.44 0.08 0.00	58.19 0.16 0.00	55.99 0.54 0.00	52.39 0.20 0.00	67.53 0.71 0.00	79.55 1.27 0.00	81.33 1.54 0.00	97.27 1.88 0.00	44.99 0.62 0.00	65.48 0.47 0.00	74.21 0.34 0.00	74.14 -0.13 0.00	81.01 -0.38 0.00	107.14 -1.73 0.00	157.81 -1.80 0.00	186.86 -0.90 0.00	168.65 -0.30 0.00	161.99 -0.87 0.00	145.74 -0.93 0.00	155.41 0.45 0.00	127.97 0.84 0.00
CHATEAUG_WT_PWR 323614	68.53 -0.10 0.00	58.72 0.02 0.00	58.09 -0.03 0.00	58.31 -0.05 0.00	58.08 0.05 0.00	55.83 0.37 0.00	52.26 0.06 0.00	67.32 0.49 0.00	79.24 0.96 0.00	81.01 1.22 0.00	96.80 1.41 0.00	44.77 0.41 0.00	65.23 0.22 0.00	73.99 0.12 0.00	73.93 -0.34 0.00	80.76 -0.63 0.00	106.70 -2.17 0.00	156.99 -2.62 0.00	185.78 -1.98 0.00	167.67 -1.29 0.00	161.17 -1.69 0.00	145.04 -1.63 0.00	154.64 -0.33 0.00	127.33 0.21 0.00
CHAT_HIGH_FALL_HYD 323578	68.72 0.09 0.00	58.87 0.17 0.00	58.23 0.10 0.00	58.44 0.08 0.00	58.19 0.16 0.00	55.99 0.54 0.00	52.39 0.20 0.00	67.53 0.71 0.00	79.55 1.27 0.00	81.33 1.54 0.00	97.27 1.88 0.00	44.99 0.62 0.00	65.48 0.47 0.00	74.21 0.34 0.00	74.14 -0.13 0.00	81.01 -0.38 0.00	107.14 -1.73 0.00	157.81 -1.80 0.00	186.86 -0.90 0.00	168.65 -0.30 0.00	161.99 -0.87 0.00	145.74 -0.93 0.00	155.41 0.45 0.00	127.97 0.84 0.00
CHAUTAUQUA___LFGE 323629	61.95 -6.68 0.00	53.27 -5.43 0.00	52.89 -5.24 0.00	53.65 -4.71 0.00	53.77 -4.26 0.00	50.59 -4.87 0.00	46.59 -5.57 0.03	56.94 -8.51 1.38	66.69 -9.44 2.15	65.90 -10.34 3.54	58.09 -12.93 24.37	30.90 -6.24 7.22	55.64 -8.35 1.02	61.78 -9.82 2.27	66.04 -7.92 0.31	74.55 -6.84 0.00	101.89 -6.98 0.00	125.78 -6.73 27.10	120.74 -3.66 63.35	166.62 -2.33 0.00	161.51 -1.34 0.00	144.39 -2.28 0.00	154.62 -0.34 0.00	126.50 -0.62 0.00
CHERRYST_13_KV_LD 356241	71.70 3.07 0.00	61.20 2.50 0.00	60.68 2.56 0.00	60.87 2.51 0.00	60.66 2.63 0.00	58.31 2.85 0.00	55.06 2.87 0.00	70.46 3.63 0.00	84.14 4.02 -1.84	83.99 4.20 0.00	100.95 5.56 0.00	120.61 2.62 -73.62	78.97 3.73 -10.23	118.16 4.00 -40.28	78.34 4.07 0.00	85.68 4.29 0.00	114.73 5.86 0.00	167.93 8.32 0.00	196.64 8.88 0.00	176.49 7.54 0.00	170.23 7.38 0.00	153.28 6.61 0.00	159.67 4.71 0.00	130.58 3.46 0.00

CHESTROR_138KV_BK263 355645	70.74 2.11 0.00	60.42 1.72 0.00	59.91 1.79 0.00	60.10 1.73 0.00	59.81 1.78 0.00	57.39 1.93 0.00	54.14 1.95 0.00	69.37 2.54 0.00	78.91 2.71 2.09	82.61 2.82 0.00	99.15 3.76 0.00	-37.49 1.74 83.59	55.77 2.37 11.61	30.74 2.61 45.74	76.76 2.50 0.00	84.03 2.65 0.00	112.66 3.79 0.00	164.98 5.37 0.00	193.54 5.78 0.00	173.92 4.97 0.00	167.95 5.09 0.00	151.30 4.63 0.00	158.12 3.15 0.00	129.47 2.35 0.00
CH_MIDHUDSON___DRP 24192	71.66 3.03 0.00	61.23 2.53 0.00	60.69 2.57 0.00	60.88 2.51 0.00	60.58 2.55 0.00	58.09 2.63 0.00	54.81 2.62 0.00	70.22 3.39 0.00	82.03 3.75 0.00	83.68 3.90 0.00	100.48 5.09 0.00	46.71 2.34 0.00	68.31 3.30 0.00	77.51 3.64 0.00	77.82 3.55 0.00	85.22 3.83 0.00	114.25 5.38 0.00	167.25 7.64 0.00	196.16 8.40 0.00	176.24 7.29 0.00	170.03 7.17 0.00	153.30 6.63 0.00	160.29 5.32 0.00	131.19 4.07 0.00
CH_MISC_IPPS 23765	71.94 3.31 0.00	61.45 2.75 0.00	60.90 2.77 0.00	61.09 2.72 0.00	60.81 2.78 0.00	58.34 2.88 0.00	55.08 2.89 0.00	70.61 3.78 0.00	82.48 4.20 0.00	84.13 4.34 0.00	100.99 5.60 0.00	46.93 2.57 0.00	68.64 3.63 0.00	77.87 4.00 0.00	78.23 3.96 0.00	85.63 4.24 0.00	114.82 5.95 0.00	168.22 8.61 0.00	197.34 9.58 0.00	177.39 8.44 0.00	171.19 8.33 0.00	154.21 7.54 0.00	161.17 6.20 0.00	131.82 4.70 0.00
CH_RES_BVR_FALLS 23983	68.53 -0.10 0.00	58.64 -0.06 0.00	58.04 -0.09 0.00	58.29 -0.07 0.00	57.96 -0.07 0.00	55.40 -0.06 0.00	52.13 -0.06 0.00	66.79 -0.04 0.00	78.28 0.00 0.00	79.79 0.00 0.00	95.38 -0.01 0.00	44.32 -0.04 0.00	64.95 -0.07 0.00	73.80 -0.07 0.00	74.16 -0.10 0.00	81.24 -0.15 0.00	108.60 -0.27 0.00	159.25 -0.36 0.00	187.38 -0.37 0.00	168.61 -0.34 0.00	162.53 -0.33 0.00	146.39 -0.28 0.00	154.81 -0.15 0.00	127.03 -0.10 0.00
CH_RES_NIAGARA 23895	62.47 -6.17 0.00	53.31 -5.40 0.00	52.63 -5.49 0.00	53.03 -5.34 0.00	52.57 -5.47 0.00	49.51 -5.95 0.00	45.59 -6.57 0.03	56.16 -9.31 1.35	65.50 -10.66 2.12	64.89 -11.43 3.47	60.29 -13.94 21.16	31.75 -6.42 6.19	55.17 -8.84 1.00	61.44 -10.21 2.23	65.44 -8.52 0.30	72.30 -9.09 0.00	98.04 -10.83 0.00	146.90 -12.70 0.00	175.85 -11.91 0.00	156.22 -12.73 0.00	149.82 -13.04 0.00	133.69 -12.98 0.00	144.44 -10.52 0.00	119.76 -7.36 0.00
CH_RES_SYRACUSE 23985	67.10 -1.53 0.00	57.41 -1.29 0.00	56.85 -1.28 0.00	57.11 -1.26 0.00	56.82 -1.21 0.00	54.26 -1.20 0.00	51.06 -1.12 0.02	63.93 -2.10 0.80	74.61 -2.43 1.25	75.19 -2.55 2.05	88.73 -3.15 3.52	42.10 -1.52 0.74	62.34 -2.08 0.59	70.02 -2.54 1.31	72.34 -1.76 0.18	79.84 -1.55 0.00	107.25 -1.62 0.00	157.70 -1.91 0.00	186.13 -1.63 0.00	167.39 -1.56 0.00	161.46 -1.40 0.00	145.07 -1.61 0.00	153.38 -1.58 0.00	125.52 -1.60 0.00
CLINTON_WT_PWR 323605	68.53 -0.10 0.00	58.72 0.02 0.00	58.09 -0.03 0.00	58.31 -0.05 0.00	58.08 0.05 0.00	55.83 0.37 0.00	52.26 0.06 0.00	67.32 0.49 0.00	79.24 0.96 0.00	81.01 1.22 0.00	96.80 1.41 0.00	44.77 0.41 0.00	65.23 0.22 0.00	73.99 0.12 0.00	73.93 -0.34 0.00	80.76 -0.63 0.00	106.70 -2.17 0.00	156.99 -2.62 0.00	185.78 -1.98 0.00	167.67 -1.29 0.00	161.17 -1.69 0.00	145.04 -1.63 0.00	154.64 -0.33 0.00	127.33 0.21 0.00
CLINTON___LFGE 323618	69.72 1.09 0.00	59.67 0.97 0.00	59.04 0.91 0.00	59.24 0.87 0.00	58.99 0.96 0.00	56.73 1.27 0.00	53.15 0.96 0.00	68.47 1.64 0.00	80.57 2.29 0.00	82.32 2.53 0.00	98.79 3.40 0.00	45.67 1.30 0.00	66.29 1.28 0.00	75.21 1.34 0.00	75.07 0.80 0.00	82.11 0.72 0.00	108.39 -0.48 0.00	160.14 0.54 0.00	189.59 1.83 0.00	171.25 2.30 0.00	164.60 1.74 0.00	148.12 1.45 0.00	157.52 2.55 0.00	129.70 2.58 0.00
COBBLENY_34_KV_TB1 80064	64.45 -4.18 0.00	55.08 -3.63 0.00	54.40 -3.72 0.00	54.84 -3.53 0.00	54.46 -3.57 0.00	51.51 -3.95 0.00	47.75 -4.41 0.03	58.77 -6.68 1.38	68.56 -7.57 2.15	67.97 -8.29 3.53	61.27 -10.05 24.07	32.45 -4.79 7.13	57.53 -6.47 1.02	64.09 -7.52 2.26	68.22 -5.74 0.31	75.54 -5.85 0.00	102.78 -6.09 0.00	154.33 -5.27 0.00	184.86 -2.90 0.00	165.72 -3.23 0.00	159.45 -3.41 0.00	142.28 -4.39 0.00	152.74 -2.23 0.00	125.44 -1.68 0.00
COFFEEN___115KV_TB3 355620	66.93 -1.71 0.00	56.92 -1.78 0.00	56.24 -1.90 0.00	56.42 -1.95 0.00	56.51 -1.53 0.00	54.92 -0.54 0.00	52.69 0.50 0.00	67.83 1.00 0.00	80.60 2.32 0.00	82.29 2.50 0.00	96.27 0.88 0.00	44.13 -0.23 0.00	64.84 -0.16 0.00	75.48 1.61 0.00	74.10 -0.17 0.00	80.26 -1.13 0.00	108.64 -0.23 0.00	160.72 1.11 0.00	191.58 3.82 0.00	175.98 7.03 0.00	172.86 10.00 0.00	155.57 8.90 0.00	164.61 9.64 0.00	134.02 6.89 0.00
COLDSPRG_115KV_BK1 355956	63.59 -5.04 0.00	54.60 -4.11 0.00	54.15 -3.98 0.00	54.84 -3.53 0.00	54.88 -3.15 0.00	51.87 -3.59 0.00	47.84 -4.32 0.03	58.58 -6.86 1.39	68.85 -7.27 2.17	68.12 -8.11 3.56	63.48 -10.05 21.86	33.09 -4.88 6.40	57.49 -6.50 1.03	63.88 -7.71 2.28	68.01 -5.95 0.31	76.32 -5.07 0.00	104.37 -4.50 0.00	156.56 -3.05 0.00	188.34 0.59 0.00	170.16 1.21 0.00	164.77 1.91 0.00	147.37 0.70 0.00	157.78 2.81 0.00	128.85 1.73 0.00
COLONIE_LFGE___ 323577	71.54 2.91 0.00	61.12 2.41 0.00	60.55 2.42 0.00	60.80 2.43 0.00	60.45 2.41 0.00	57.65 2.19 0.00	54.19 2.00 0.00	69.53 2.70 0.00	81.35 3.06 0.00	82.93 3.14 0.00	99.43 4.04 0.00	46.24 1.87 0.00	67.64 2.63 0.00	76.80 2.93 0.00	77.13 2.87 0.00	84.56 3.17 0.00	113.57 4.70 0.00	166.28 6.68 0.00	195.15 7.39 0.00	175.35 6.40 0.00	168.80 5.94 0.00	152.60 5.93 0.00	160.80 5.83 0.00	132.15 5.03 0.00
COOPERNY_115KV_TB1 80082	70.03 1.40 0.00	59.85 1.15 0.00	59.34 1.21 0.00	59.54 1.18 0.00	59.25 1.22 0.00	56.76 1.30 0.00	53.53 1.34 0.00	68.72 1.89 0.00	79.30 2.01 0.99	81.86 2.07 0.00	98.19 2.80 0.00	5.90 1.31 39.78	61.30 1.81 5.52	54.10 1.99 21.76	75.96 1.69 0.00	83.13 1.74 0.00	111.45 2.58 0.00	163.25 3.64 0.00	191.71 3.95 0.00	172.36 3.41 0.00	166.39 3.53 0.00	149.91 3.23 0.00	157.14 2.17 0.00	128.66 1.53 0.00
COPENHAGEN_WT_PWR 323753	65.87 -2.76 0.00	55.98 -2.72 0.00	55.31 -2.82 0.00	55.49 -2.87 0.00	55.66 -2.37 0.00	54.20 -1.26 0.00	52.06 -0.13 0.00	67.09 0.26 0.00	79.85 1.57 0.00	81.43 1.65 0.00	94.80 -0.59 0.00	43.35 -1.01 0.00	63.78 -1.23 0.00	74.61 0.74 0.00	72.76 -1.51 0.00	78.68 -2.71 0.00	106.33 -2.54 0.00	157.22 -2.38 0.00	187.94 0.18 0.00	173.45 4.50 0.00	170.77 7.91 0.00	153.84 7.17 0.00	162.86 7.90 0.00	132.72 5.60 0.00
CORNELL_____ 23752	68.55 -0.09 0.00	58.65 -0.05 0.00	58.07 -0.06 0.00	58.30 -0.06 0.00	58.02 -0.02 0.00	55.39 -0.07 0.00	52.02 -0.14 0.03	63.65 -1.76 1.42	73.97 -2.10 2.22	73.80 -2.35 3.64	98.99 -2.91 -6.50	45.56 -1.63 -2.82	61.90 -2.06 1.05	68.91 -2.63 2.33	73.06 -0.90 0.31	81.29 -0.10 0.00	109.68 0.81 0.00	161.84 2.24 0.00	191.67 3.91 0.00	172.55 3.60 0.00	166.61 3.76 0.00	149.74 3.07 0.00	158.50 3.53 0.00	129.49 2.37 0.00

CORONA__69_KV_TB1 355595	72.86 4.23 0.00	62.06 3.36 0.00	61.51 3.39 0.00	61.63 3.27 0.00	61.41 3.38 0.00	59.12 3.66 0.00	134.89 3.64 -79.06	78.03 4.61 -6.59	85.27 5.16 -1.82	113.21 5.38 -28.04	123.89 6.67 -21.83	123.43 3.05 -76.02	79.35 4.22 -10.12	118.47 4.72 -39.88	79.29 5.02 0.00	110.14 5.45 -23.30	129.62 7.45 -13.30	169.90 10.29 0.00	199.12 11.36 0.00	178.91 9.95 0.00	172.77 9.91 0.00	155.93 9.25 0.00	161.83 6.86 0.00	132.46 5.33 0.00
CORTLAND__115KV_TB3 80093	68.10 -0.53 0.00	58.29 -0.41 0.00	57.76 -0.37 0.00	58.00 -0.37 0.00	57.70 -0.33 0.00	55.09 -0.37 0.00	51.48 -0.68 0.03	62.86 -2.50 1.47	73.04 -2.95 2.30	72.86 -3.17 3.77	90.74 -3.87 0.78	42.87 -1.98 -0.48	61.33 -2.59 1.09	68.20 -3.26 2.41	72.34 -1.60 0.33	80.46 -0.93 0.00	108.35 -0.52 0.00	159.76 0.16 0.00	188.90 1.14 0.00	170.03 1.08 0.00	164.05 1.19 0.00	147.52 0.84 0.00	155.91 0.95 0.00	127.60 0.47 0.00
COXSACKIE__GT 23611	74.46 5.83 0.00	63.66 4.96 0.00	62.99 4.86 0.00	63.22 4.86 0.00	62.86 4.82 0.00	59.89 4.43 0.00	56.19 4.00 0.00	72.39 5.56 0.00	84.84 6.56 0.00	86.37 6.58 0.00	103.53 8.14 0.00	47.98 3.61 0.00	70.04 5.03 0.00	79.42 5.55 0.00	80.12 5.85 0.00	88.32 6.93 0.00	119.47 10.60 0.00	175.07 15.47 0.00	205.40 17.64 0.00	184.29 15.34 0.00	177.20 14.34 0.00	159.66 12.99 0.00	168.26 13.29 0.00	138.50 11.38 0.00
CPV_VALLEY__CC1 323721	70.19 1.56 0.00	59.96 1.25 0.00	59.46 1.33 0.00	59.65 1.28 0.00	59.36 1.33 0.00	56.94 1.48 0.00	53.71 1.52 0.00	68.84 2.01 0.00	79.01 2.10 1.37	81.98 2.19 0.00	98.38 2.99 0.00	-9.22 1.41 55.00	59.30 1.93 7.64	45.87 2.09 30.09	76.16 1.89 0.00	83.34 1.95 0.00	111.69 2.82 0.00	163.51 3.90 0.00	191.85 4.09 0.00	172.41 3.46 0.00	166.48 3.62 0.00	150.02 3.34 0.00	156.87 1.90 0.00	128.47 1.34 0.00
CPV_VALLEY__CC2 323722	70.19 1.56 0.00	59.96 1.25 0.00	59.46 1.33 0.00	59.65 1.28 0.00	59.36 1.33 0.00	56.94 1.48 0.00	53.71 1.52 0.00	68.84 2.01 0.00	79.01 2.10 1.37	81.98 2.19 0.00	98.38 2.99 0.00	-9.22 1.41 55.00	59.30 1.93 7.64	45.87 2.09 30.09	76.16 1.89 0.00	83.34 1.95 0.00	111.69 2.82 0.00	163.51 3.90 0.00	191.85 4.09 0.00	172.41 3.46 0.00	166.48 3.62 0.00	150.02 3.34 0.00	156.87 1.90 0.00	128.47 1.34 0.00
CRESCENT__HYD 24018	71.54 2.91 0.00	61.12 2.41 0.00	60.55 2.42 0.00	60.80 2.43 0.00	60.45 2.41 0.00	57.65 2.19 0.00	54.19 2.00 0.00	69.53 2.70 0.00	81.35 3.06 0.00	82.93 3.14 0.00	99.43 4.04 0.00	46.24 1.87 0.00	67.64 2.63 0.00	76.80 2.93 0.00	77.13 2.87 0.00	84.56 3.17 0.00	113.57 4.70 0.00	166.28 6.68 0.00	195.15 7.39 0.00	175.35 6.40 0.00	168.80 5.94 0.00	152.60 5.93 0.00	160.80 5.83 0.00	132.15 5.03 0.00
CRICKET__VALLEY_CC1 323756	71.21 2.58 0.00	60.88 2.17 0.00	60.35 2.22 0.00	60.53 2.16 0.00	60.22 2.19 0.00	57.69 2.23 0.00	54.36 2.17 0.00	69.48 2.65 0.00	81.87 2.89 -0.70	82.82 3.03 0.00	99.49 4.10 0.00	74.19 1.88 -27.94	71.59 2.69 -3.88	92.11 2.95 -15.29	77.10 2.83 0.00	84.41 3.02 0.00	113.08 4.21 0.00	165.42 5.81 0.00	193.88 6.13 0.00	174.18 5.23 0.00	167.89 5.03 0.00	151.44 4.77 0.00	158.54 3.58 0.00	129.88 2.76 0.00
CRICKET__VALLEY_CC2 323757	71.21 2.58 0.00	60.88 2.17 0.00	60.35 2.22 0.00	60.53 2.16 0.00	60.22 2.19 0.00	57.69 2.23 0.00	54.36 2.17 0.00	69.48 2.65 0.00	81.87 2.89 -0.70	82.82 3.03 0.00	99.49 4.10 0.00	74.19 1.88 -27.94	71.59 2.69 -3.88	92.11 2.95 -15.29	77.10 2.83 0.00	84.41 3.02 0.00	113.08 4.21 0.00	165.42 5.81 0.00	193.88 6.13 0.00	174.18 5.23 0.00	167.89 5.03 0.00	151.44 4.77 0.00	158.54 3.58 0.00	129.88 2.76 0.00
CRICKET__VALLEY_CC3 323758	71.21 2.58 0.00	60.88 2.17 0.00	60.35 2.22 0.00	60.53 2.16 0.00	60.22 2.19 0.00	57.69 2.23 0.00	54.36 2.17 0.00	69.48 2.65 0.00	81.87 2.89 -0.70	82.82 3.03 0.00	99.49 4.10 0.00	74.19 1.88 -27.94	71.59 2.69 -3.88	92.11 2.95 -15.29	77.10 2.83 0.00	84.41 3.02 0.00	113.08 4.21 0.00	165.42 5.81 0.00	193.88 6.13 0.00	174.18 5.23 0.00	167.89 5.03 0.00	151.44 4.77 0.00	158.54 3.58 0.00	129.88 2.76 0.00
CRUCIBLE__METL_DRP 24180	67.10 -1.53 0.00	57.41 -1.29 0.00	56.85 -1.28 0.00	57.11 -1.26 0.00	56.82 -1.21 0.00	54.26 -1.20 0.00	51.06 -1.12 0.02	63.93 -2.10 0.80	74.60 -2.44 1.25	75.19 -2.55 2.05	88.73 -3.14 3.52	42.11 -1.52 0.74	62.33 -2.09 0.59	70.01 -2.55 1.31	72.33 -1.76 0.18	79.83 -1.56 0.00	107.25 -1.62 0.00	157.70 -1.91 0.00	186.13 -1.63 0.00	167.38 -1.57 0.00	161.46 -1.40 0.00	145.08 -1.60 0.00	153.38 -1.59 0.00	125.52 -1.60 0.00
DAHOWA__HYDRO 323763	72.39 3.75 0.00	61.79 3.09 0.00	61.19 3.06 0.00	61.50 3.13 0.00	61.18 3.15 0.00	58.44 2.98 0.00	55.15 2.96 0.00	70.91 4.08 0.00	82.98 4.70 0.00	84.47 4.68 0.00	101.14 5.75 0.00	46.98 2.62 0.00	68.73 3.72 0.00	77.96 4.09 0.00	78.31 4.04 0.00	86.06 4.67 0.00	115.94 7.07 0.00	169.90 10.29 0.00	199.49 11.74 0.00	179.24 10.29 0.00	172.70 9.84 0.00	155.91 9.24 0.00	164.28 9.31 0.00	134.46 7.33 0.00
DANC__LFGE 323619	65.99 -2.64 0.00	56.24 -2.47 0.00	55.60 -2.53 0.00	55.79 -2.58 0.00	55.77 -2.26 0.00	53.91 -1.56 0.00	51.35 -0.84 0.00	65.84 -0.98 0.00	77.93 -0.36 0.00	79.52 -0.27 0.00	93.52 -1.87 0.00	43.01 -1.35 0.00	63.22 -1.79 0.00	73.13 -0.73 0.00	72.34 -1.93 0.00	78.66 -2.73 0.00	106.00 -2.87 0.00	156.41 -3.19 0.00	185.97 -1.79 0.00	169.94 0.99 0.00	166.02 3.16 0.00	149.47 2.80 0.00	158.21 3.25 0.00	129.28 2.16 0.00
DANSKAMMER__1 23586	71.94 3.31 0.00	61.45 2.75 0.00	60.90 2.77 0.00	61.09 2.72 0.00	60.81 2.78 0.00	58.34 2.88 0.00	55.08 2.89 0.00	70.61 3.78 0.00	82.48 4.20 0.00	84.13 4.34 0.00	100.99 5.60 0.00	46.93 2.57 0.00	68.64 3.63 0.00	77.87 4.00 0.00	78.23 3.96 0.00	85.63 4.24 0.00	114.82 5.95 0.00	168.22 8.61 0.00	197.34 9.58 0.00	177.39 8.44 0.00	171.19 8.33 0.00	154.21 7.54 0.00	161.17 6.20 0.00	131.82 4.70 0.00
DANSKAMMER__2 23589	71.94 3.31 0.00	61.45 2.75 0.00	60.90 2.77 0.00	61.09 2.72 0.00	60.81 2.78 0.00	58.34 2.88 0.00	55.08 2.89 0.00	70.61 3.78 0.00	82.48 4.20 0.00	84.13 4.34 0.00	100.99 5.60 0.00	46.93 2.57 0.00	68.64 3.63 0.00	77.87 4.00 0.00	78.23 3.96 0.00	85.63 4.24 0.00	114.82 5.95 0.00	168.22 8.61 0.00	197.34 9.58 0.00	177.39 8.44 0.00	171.19 8.33 0.00	154.21 7.54 0.00	161.17 6.20 0.00	131.82 4.70 0.00
DANSKAMMER__3 23590	71.94 3.31 0.00	61.45 2.75 0.00	60.90 2.77 0.00	61.09 2.72 0.00	60.81 2.78 0.00	58.34 2.88 0.00	55.08 2.89 0.00	70.61 3.78 0.00	82.48 4.20 0.00	84.13 4.34 0.00	100.99 5.60 0.00	46.93 2.57 0.00	68.64 3.63 0.00	77.87 4.00 0.00	78.23 3.96 0.00	85.63 4.24 0.00	114.82 5.95 0.00	168.22 8.61 0.00	197.34 9.58 0.00	177.39 8.44 0.00	171.19 8.33 0.00	154.21 7.54 0.00	161.17 6.20 0.00	131.82 4.70 0.00

DANSKAMMER___4 23591	71.94 3.31 0.00	61.45 2.75 0.00	60.90 2.77 0.00	61.09 2.72 0.00	60.81 2.78 0.00	58.34 2.88 0.00	55.08 2.89 0.00	70.61 3.78 0.00	82.48 4.20 0.00	84.13 4.34 0.00	100.99 5.60 0.00	46.93 2.57 0.00	68.64 3.63 0.00	77.87 4.00 0.00	78.23 3.96 0.00	85.63 4.24 0.00	114.82 5.95 0.00	168.22 8.61 0.00	197.34 9.58 0.00	177.39 8.44 0.00	171.19 8.33 0.00	154.21 7.54 0.00	161.17 6.20 0.00	131.82 4.70 0.00
DANSKAMMER___DIESEL 23592	71.94 3.31 0.00	61.45 2.75 0.00	60.90 2.77 0.00	61.09 2.72 0.00	60.81 2.78 0.00	58.35 2.89 0.00	55.08 2.89 0.00	70.62 3.79 0.00	82.48 4.20 0.00	84.13 4.34 0.00	101.00 5.61 0.00	46.93 2.57 0.00	68.64 3.63 0.00	77.87 4.00 0.00	78.22 3.96 0.00	85.63 4.24 0.00	114.83 5.96 0.00	168.23 8.63 0.00	197.35 9.58 0.00	177.38 8.43 0.00	171.19 8.33 0.00	154.22 7.55 0.00	161.17 6.20 0.00	131.83 4.71 0.00
DARBY___SOLAR 323810	72.15 3.52 0.00	61.60 2.90 0.00	61.02 2.89 0.00	61.30 2.93 0.00	60.99 2.96 0.00	58.23 2.77 0.00	54.91 2.72 0.00	70.55 3.72 0.00	82.55 4.26 0.00	84.07 4.28 0.00	100.66 5.27 0.00	46.76 2.40 0.00	68.41 3.40 0.00	77.62 3.75 0.00	77.97 3.70 0.00	85.65 4.26 0.00	115.31 6.44 0.00	168.86 9.25 0.00	198.24 10.48 0.00	178.13 9.18 0.00	171.64 8.78 0.00	154.98 8.31 0.00	163.32 8.35 0.00	133.74 6.62 0.00
DASHVILLE___HYD 23610	71.33 2.70 0.00	60.96 2.25 0.00	60.44 2.31 0.00	60.62 2.26 0.00	60.34 2.31 0.00	57.82 2.36 0.00	54.57 2.38 0.00	69.93 3.11 0.00	81.73 3.44 0.00	83.37 3.59 0.00	100.08 4.69 0.00	46.51 2.14 0.00	68.04 3.03 0.00	77.20 3.33 0.00	77.44 3.17 0.00	84.88 3.49 0.00	113.83 4.96 0.00	166.66 7.06 0.00	195.43 7.68 0.00	175.68 6.73 0.00	169.50 6.64 0.00	152.72 6.05 0.00	159.74 4.77 0.00	130.65 3.53 0.00
DELAWARE___LFGE 323621	69.95 1.32 0.00	59.89 1.19 0.00	59.32 1.19 0.00	59.55 1.19 0.00	59.22 1.19 0.00	56.53 1.07 0.00	53.33 1.15 0.01	68.29 1.99 0.53	79.65 2.19 0.82	80.61 2.17 1.35	95.81 2.74 2.32	45.11 1.23 0.49	66.37 1.75 0.39	75.06 2.05 0.87	75.54 1.39 0.12	82.83 1.44 0.00	111.24 2.37 0.00	162.96 3.35 0.00	191.87 4.11 0.00	172.68 3.73 0.00	166.72 3.86 0.00	150.27 3.59 0.00	158.48 3.51 0.00	129.78 2.66 0.00
DERFIELD_115KV_TB7 355931	68.85 0.22 0.00	58.88 0.18 0.00	58.33 0.20 0.00	58.55 0.18 0.00	58.22 0.18 0.00	55.63 0.17 0.00	52.41 0.22 0.00	67.16 0.34 0.00	78.67 0.39 0.00	80.16 0.37 0.00	95.81 0.42 0.00	44.54 0.17 0.00	65.27 0.26 0.00	74.25 0.38 0.00	74.55 0.28 0.00	81.61 0.22 0.00	109.28 0.41 0.00	160.15 0.55 0.00	188.37 0.61 0.00	169.61 0.66 0.00	163.52 0.66 0.00	147.41 0.73 0.00	155.60 0.64 0.00	127.73 0.60 0.00
DOGLEVILLE___HYD 23807	73.82 5.19 0.00	63.08 4.37 0.00	62.41 4.28 0.00	62.77 4.40 0.00	62.37 4.34 0.00	59.28 3.82 0.00	55.83 3.64 0.00	71.52 4.70 0.00	83.39 5.10 0.00	84.40 4.62 0.00	101.00 5.61 0.00	46.79 2.43 0.00	68.45 3.44 0.00	77.64 3.76 0.00	78.74 4.47 0.00	87.09 5.70 0.00	117.34 8.47 0.00	172.81 13.20 0.00	202.87 15.11 0.00	182.30 13.35 0.00	175.59 12.73 0.00	158.86 12.19 0.00	167.90 12.94 0.00	137.80 10.68 0.00
DUNKIRK__115KV_TB_200 55889	62.08 -6.55 0.00	53.38 -5.32 0.00	52.98 -5.15 0.00	53.71 -4.66 0.00	53.81 -4.22 0.00	50.63 -4.83 0.00	46.66 -5.50 0.03	57.02 -8.43 1.38	66.76 -9.37 2.15	65.98 -10.28 3.53	58.17 -12.76 24.46	30.93 -6.18 7.25	55.72 -8.26 1.02	61.87 -9.73 2.27	66.13 -7.83 0.31	74.53 -6.86 0.00	101.79 -7.08 0.00	152.66 -6.95 0.00	183.78 -3.98 0.00	166.23 -2.72 0.00	161.10 -1.76 0.00	144.07 -2.61 0.00	154.27 -0.69 0.00	126.18 -0.94 0.00
DUNKIRK___1 23563	62.08 -6.55 0.00	53.38 -5.32 0.00	52.98 -5.15 0.00	53.71 -4.66 0.00	53.81 -4.22 0.00	50.63 -4.83 0.00	46.66 -5.50 0.03	57.02 -8.43 1.38	66.76 -9.37 2.15	65.98 -10.28 3.53	58.17 -12.76 24.46	30.93 -6.18 7.25	55.72 -8.26 1.02	61.87 -9.73 2.27	66.13 -7.83 0.31	74.53 -6.86 0.00	101.79 -7.08 0.00	152.66 -6.95 0.00	183.78 -3.98 0.00	166.23 -2.72 0.00	161.10 -1.76 0.00	144.07 -2.61 0.00	154.27 -0.69 0.00	126.18 -0.94 0.00
DUNKIRK___2 23564	62.08 -6.55 0.00	53.38 -5.32 0.00	52.98 -5.15 0.00	53.71 -4.66 0.00	53.81 -4.22 0.00	50.63 -4.83 0.00	46.66 -5.50 0.03	57.02 -8.43 1.38	66.76 -9.37 2.15	65.98 -10.28 3.53	58.17 -12.76 24.46	30.93 -6.18 7.25	55.72 -8.26 1.02	61.87 -9.73 2.27	66.13 -7.83 0.31	74.53 -6.86 0.00	101.79 -7.08 0.00	152.66 -6.95 0.00	183.78 -3.98 0.00	166.23 -2.72 0.00	161.10 -1.76 0.00	144.07 -2.61 0.00	154.27 -0.69 0.00	126.18 -0.94 0.00
DUNKIRK___3 23565	62.50 -6.14 0.00	53.63 -5.07 0.00	53.20 -4.93 0.00	53.85 -4.52 0.00	53.83 -4.20 0.00	50.71 -4.75 0.00	46.77 -5.39 0.03	57.22 -8.23 1.38	66.93 -9.20 2.15	66.22 -10.04 3.54	58.33 -12.32 24.74	31.08 -5.94 7.34	56.02 -7.97 1.02	62.21 -9.40 2.27	66.38 -7.58 0.31	74.45 -6.94 0.00	101.53 -7.34 0.00	152.11 -7.50 0.00	182.90 -4.86 0.00	165.10 -3.86 0.00	159.81 -3.05 0.00	142.91 -3.76 0.00	153.16 -1.80 0.00	125.43 -1.69 0.00
DUNKIRK___4 23566	62.50 -6.14 0.00	53.63 -5.07 0.00	53.20 -4.93 0.00	53.85 -4.52 0.00	53.83 -4.20 0.00	50.71 -4.75 0.00	46.77 -5.39 0.03	57.22 -8.23 1.38	66.93 -9.20 2.15	66.22 -10.04 3.54	58.33 -12.32 24.74	31.08 -5.94 7.34	56.02 -7.97 1.02	62.21 -9.40 2.27	66.38 -7.58 0.31	74.45 -6.94 0.00	101.53 -7.34 0.00	152.11 -7.50 0.00	182.90 -4.86 0.00	165.10 -3.86 0.00	159.81 -3.05 0.00	142.91 -3.76 0.00	153.16 -1.80 0.00	125.43 -1.69 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	71.55 2.92 0.00	61.08 2.38 0.00	60.57 2.44 0.00	60.75 2.38 0.00	60.49 2.45 0.00	58.08 2.62 0.00	54.85 2.66 0.00	70.17 3.34 0.00	83.75 3.64 -1.83	83.58 3.79 0.00	100.45 5.06 0.00	119.78 2.35 -73.06	78.45 3.29 -10.15	117.38 3.53 -39.98	77.85 3.58 0.00	85.20 3.81 0.00	114.14 5.27 0.00	167.06 7.46 0.00	195.78 8.02 0.00	175.82 6.87 0.00	169.68 6.82 0.00	152.89 6.21 0.00	159.42 4.46 0.00	130.47 3.35 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	71.26 2.63 0.00	60.86 2.16 0.00	60.33 2.20 0.00	60.53 2.16 0.00	60.25 2.22 0.00	57.81 2.35 0.00	54.57 2.38 0.00	69.92 3.09 0.00	80.92 3.39 0.75	83.29 3.50 0.00	99.98 4.60 0.00	16.30 2.11 30.17	63.75 2.93 4.19	60.59 3.23 16.51	77.39 3.13 0.00	84.73 3.34 0.00	113.64 4.77 0.00	166.49 6.88 0.00	195.26 7.50 0.00	175.54 6.59 0.00	169.43 6.57 0.00	152.65 5.97 0.00	159.48 4.51 0.00	130.49 3.37 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	71.55 2.91 0.00	61.11 2.41 0.00	60.56 2.43 0.00	60.67 2.31 0.00	60.42 2.39 0.00	58.02 2.56 0.00	54.75 2.56 0.00	70.12 3.29 0.00	83.71 3.59 -1.83	83.62 3.83 0.00	100.71 5.32 0.00	120.21 2.41 -73.44	78.56 3.35 -10.20	117.61 3.56 -40.19	77.91 3.64 0.00	85.14 3.75 0.00	113.97 5.10 0.00	166.89 7.28 0.00	195.57 7.81 0.00	175.63 6.67 0.00	169.51 6.65 0.00	152.71 6.04 0.00	159.10 4.13 0.00	130.32 3.20 0.00

E179THST_13_KV_LOAD 356214	71.84 3.21 0.00	61.36 2.66 0.00	60.80 2.67 0.00	60.90 2.54 0.00	60.64 2.61 0.00	58.24 2.79 0.00	55.00 2.81 0.00	70.44 3.61 0.00	84.09 3.97 -1.83	84.00 4.21 0.00	101.18 5.79 0.00	120.43 2.62 -73.44	78.89 3.68 -10.20	117.98 3.93 -40.19	78.28 4.01 0.00	85.57 4.18 0.00	114.58 5.71 0.00	167.77 8.16 0.00	196.65 8.89 0.00	176.65 7.70 0.00	170.49 7.63 0.00	153.54 6.87 0.00	159.90 4.93 0.00	130.95 3.83 0.00
EAST HAMPTON___GT 23717	74.18 5.54 0.00	62.71 4.01 0.00	62.57 4.44 0.00	61.50 3.13 0.00	60.93 2.90 0.00	58.65 3.19 0.00	97.73 3.65 -41.89	78.24 4.82 -6.59	85.36 5.26 -1.82	113.56 5.74 -28.04	125.56 8.34 -21.83	123.33 2.95 -76.02	78.47 3.34 -10.12	117.26 3.51 -39.88	78.76 4.49 0.00	109.57 4.88 -23.30	129.52 7.35 -13.30	214.57 10.23 -44.73	246.29 11.01 -47.52	240.85 9.73 -62.17	220.43 9.90 -47.67	211.90 8.92 -56.31	167.15 6.04 -6.14	131.52 4.40 0.01
EAST RIVER___6 23660	71.38 2.75 0.00	60.91 2.21 0.00	60.40 2.27 0.00	60.60 2.23 0.00	60.43 2.40 0.00	58.10 2.64 0.00	54.82 2.63 0.00	70.16 3.33 0.00	83.82 3.69 -1.84	83.65 3.86 0.00	100.50 5.11 0.00	120.41 2.42 -73.62	78.69 3.46 -10.23	117.83 3.67 -40.28	78.03 3.76 0.00	85.33 3.94 0.00	114.28 5.41 0.00	167.21 7.60 0.00	196.14 8.38 0.00	176.00 7.05 0.00	169.80 6.94 0.00	152.89 6.22 0.00	159.18 4.21 0.00	130.16 3.04 0.00
EAST RIVER___7 23524	71.38 2.75 0.00	60.91 2.21 0.00	60.40 2.27 0.00	60.60 2.23 0.00	60.43 2.40 0.00	58.10 2.64 0.00	54.82 2.63 0.00	70.16 3.33 0.00	83.82 3.69 -1.84	83.65 3.86 0.00	100.50 5.11 0.00	120.41 2.42 -73.62	78.69 3.46 -10.23	117.83 3.67 -40.28	78.03 3.76 0.00	85.33 3.94 0.00	114.28 5.41 0.00	167.21 7.60 0.00	196.14 8.38 0.00	176.00 7.05 0.00	169.80 6.94 0.00	152.89 6.22 0.00	159.18 4.21 0.00	130.16 3.04 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	71.37 2.74 0.00	60.94 2.24 0.00	60.44 2.31 0.00	60.60 2.24 0.00	60.32 2.29 0.00	57.93 2.47 0.00	54.69 2.50 0.00	69.99 3.16 0.00	83.69 3.45 -1.97	83.39 3.60 0.00	100.18 4.79 0.00	125.29 2.22 -78.70	79.06 3.12 -10.93	120.28 3.35 -43.06	77.64 3.37 0.00	84.96 3.57 0.00	113.86 4.99 0.00	166.65 7.04 0.00	195.34 7.58 0.00	175.45 6.50 0.00	169.28 6.42 0.00	152.56 5.89 0.00	159.10 4.14 0.00	130.24 3.12 0.00
EAST_HAMPTON___DIESEL 23722	74.05 5.42 0.00	62.59 3.89 0.00	62.47 4.34 0.00	61.34 2.97 0.00	60.76 2.73 0.00	58.46 3.00 0.00	97.56 3.49 -41.89	78.04 4.62 -6.59	85.15 5.04 -1.82	113.38 5.55 -28.04	125.35 8.13 -21.83	123.21 2.83 -76.02	78.30 3.16 -10.12	117.04 3.29 -39.88	78.54 4.27 0.00	109.29 4.60 -23.30	129.16 6.99 -13.30	214.02 9.67 -44.73	245.61 10.33 -47.52	240.24 9.12 -62.17	219.87 9.34 -47.67	211.41 8.43 -56.31	166.61 5.50 -6.14	131.07 3.96 0.01
EAST_POINT___SOLAR 323840	70.83 2.20 0.00	60.58 1.88 0.00	59.88 1.75 0.00	60.15 1.78 0.00	59.90 1.86 0.00	57.36 1.90 0.00	54.35 2.16 0.00	69.95 3.13 0.00	81.71 3.43 0.00	82.63 2.84 0.00	97.80 2.41 0.00	45.22 0.86 0.00	66.55 1.53 0.00	75.96 2.09 0.00	76.35 2.08 0.00	84.26 2.87 0.00	113.56 4.69 0.00	167.47 7.86 0.00	197.53 9.78 0.00	177.68 8.73 0.00	171.36 8.50 0.00	154.02 7.34 0.00	162.82 7.85 0.00	133.03 5.91 0.00
EAST_PULASKI___ESR 323781	66.07 -2.56 0.00	56.43 -2.28 0.00	55.83 -2.30 0.00	56.04 -2.33 0.00	55.86 -2.17 0.00	53.59 -1.87 0.00	50.68 -1.51 0.00	64.62 -2.21 0.00	76.04 -2.24 0.00	77.59 -2.20 0.00	92.15 -3.24 0.00	42.65 -1.71 0.00	62.59 -2.42 0.00	71.60 -2.27 0.00	71.82 -2.45 0.00	78.59 -2.80 0.00	105.67 -3.20 0.00	155.62 -3.99 0.00	184.12 -3.64 0.00	166.58 -2.38 0.00	161.40 -1.46 0.00	145.20 -1.48 0.00	153.60 -1.37 0.00	125.78 -1.34 0.00
EAST_RIVER___1 323558	71.50 2.87 0.00	61.04 2.33 0.00	60.53 2.41 0.00	60.71 2.34 0.00	60.49 2.46 0.00	58.13 2.67 0.00	54.89 2.70 0.00	70.23 3.40 0.00	83.87 3.74 -1.84	83.69 3.90 0.00	100.57 5.18 0.00	120.44 2.45 -73.62	78.71 3.47 -10.23	117.86 3.70 -40.28	78.05 3.78 0.00	85.35 3.96 0.00	114.30 5.43 0.00	167.26 7.66 0.00	195.97 8.21 0.00	175.94 6.99 0.00	169.71 6.85 0.00	152.84 6.17 0.00	159.19 4.22 0.00	130.19 3.07 0.00
EAST_RIVER___2 323559	71.38 2.75 0.00	60.91 2.21 0.00	60.40 2.27 0.00	60.60 2.23 0.00	60.43 2.40 0.00	58.10 2.64 0.00	54.82 2.63 0.00	70.16 3.33 0.00	83.82 3.69 -1.84	83.65 3.86 0.00	100.50 5.11 0.00	120.41 2.42 -73.62	78.69 3.46 -10.23	117.83 3.67 -40.28	78.03 3.76 0.00	85.33 3.94 0.00	114.28 5.41 0.00	167.21 7.60 0.00	196.14 8.38 0.00	176.00 7.05 0.00	169.80 6.94 0.00	152.89 6.22 0.00	159.18 4.21 0.00	130.16 3.04 0.00
EAST___DELAWARE_HYD 23607	69.92 1.29 0.00	59.72 1.01 0.00	59.21 1.09 0.00	59.48 1.11 0.00	59.23 1.20 0.00	56.83 1.38 0.00	53.76 1.57 0.00	69.00 2.18 0.00	80.01 2.31 0.59	82.20 2.41 0.00	98.61 3.22 0.00	22.03 1.39 23.73	63.70 1.99 3.30	63.01 2.13 12.98	76.19 1.92 0.00	83.55 2.16 0.00	112.25 3.38 0.00	164.43 4.83 0.00	193.12 5.36 0.00	173.54 4.59 0.00	167.48 4.62 0.00	150.75 4.08 0.00	157.53 2.56 0.00	128.70 1.57 0.00
EIGHT_POINT___WT_PWR 323820	62.02 -6.62 0.00	53.14 -5.57 0.00	52.55 -5.57 0.00	52.97 -5.40 0.00	52.65 -5.38 0.00	49.86 -5.60 0.00	46.57 -5.59 0.03	56.46 -8.93 1.43	65.36 -10.69 2.24	64.31 -11.82 3.67	166.14 -14.60 -85.34	65.59 -7.21 -28.44	53.57 -10.38 1.06	59.06 -12.46 2.35	62.90 -11.05 0.33	70.55 -10.84 0.00	96.94 -11.93 0.00	157.50 -11.25 -9.15	203.57 -5.57 -21.39	166.58 -2.37 0.00	162.36 -0.50 0.00	146.13 -0.54 0.00	155.99 1.02 0.00	127.89 0.76 0.00
ELBRIDGE_115KV_TB2 80188	66.83 -1.80 0.00	57.18 -1.53 0.00	56.61 -1.51 0.00	56.88 -1.48 0.00	56.59 -1.44 0.00	53.95 -1.51 0.00	50.75 -1.42 0.02	63.45 -2.57 0.80	74.05 -2.97 1.26	74.59 -3.14 2.06	88.02 -3.83 3.54	41.76 -1.86 0.75	61.82 -2.60 0.60	69.40 -3.15 1.32	71.80 -2.29 0.18	79.30 -2.09 0.00	106.60 -2.27 0.00	156.72 -2.89 0.00	185.01 -2.75 0.00	166.39 -2.56 0.00	160.64 -2.22 0.00	144.22 -2.45 0.00	152.61 -2.36 0.00	124.81 -2.31 0.00
ELEC_TRO_TEK 24086	72.38 3.74 0.00	61.65 2.95 0.00	61.11 2.98 0.00	61.23 2.87 0.00	61.01 2.98 0.00	58.73 3.27 0.00	131.66 3.27 -76.20	77.60 4.18 -6.59	84.73 4.62 -1.82	112.71 4.89 -28.04	123.34 6.11 -21.83	123.17 2.79 -76.02	78.96 3.83 -10.12	118.02 4.28 -39.88	78.84 4.57 0.00	109.61 4.92 -23.30	128.83 6.66 -13.30	168.68 9.07 0.00	197.68 9.93 0.00	177.60 8.65 0.00	171.47 8.61 0.00	154.79 8.12 0.00	160.65 5.68 0.00	131.51 4.39 0.00
ELLENBURG_WT_PWR 323604	68.53 -0.10 0.00	58.72 0.02 0.00	58.09 -0.03 0.00	58.31 -0.05 0.00	58.08 0.05 0.00	55.83 0.37 0.00	52.26 0.06 0.00	67.32 0.49 0.00	79.24 0.96 0.00	81.01 1.22 0.00	96.80 1.41 0.00	44.77 0.41 0.00	65.23 0.22 0.00	73.99 0.12 0.00	73.93 -0.34 0.00	80.76 -0.63 0.00	106.70 -2.17 0.00	156.99 -2.62 0.00	185.78 -1.98 0.00	167.67 -1.29 0.00	161.17 -1.69 0.00	145.04 -1.63 0.00	154.64 -0.33 0.00	127.33 0.21 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	63.52 -5.11 0.00	54.28 -4.42 0.00	53.63 -4.50 0.00	54.08 -4.28 0.00	53.70 -4.33 0.00	50.70 -4.76 0.00	46.85 -5.31 0.03	57.67 -7.80 1.36	67.33 -8.82 2.13	66.71 -9.58 3.50	56.98 -11.65 26.76	30.88 -5.48 8.01	56.55 -7.45 1.01	62.94 -8.69 2.24	66.98 -6.98 0.31	74.17 -7.22 0.00	100.93 -7.94 0.00	151.47 -8.13 0.00	181.28 -6.48 0.00	162.37 -6.59 0.00	156.19 -6.67 0.00	139.42 -7.25 0.00	150.06 -4.91 0.00	123.47 -3.66 0.00
EMPIRE_CC_1 323656	71.63 3.00 0.00	61.19 2.49 0.00	60.63 2.50 0.00	60.87 2.50 0.00	60.48 2.45 0.00	57.44 1.98 0.00	53.59 1.40 0.00	68.73 1.90 0.00	80.74 2.11 -0.35	81.99 2.20 0.00	98.74 3.35 0.00	59.87 1.57 -13.93	69.12 2.18 -1.94	83.89 2.40 -7.62	76.59 2.32 0.00	83.89 2.50 0.00	112.54 3.68 0.00	164.32 4.71 0.00	191.82 4.06 0.00	172.39 3.44 0.00	165.89 3.03 0.00	150.16 3.49 0.00	158.72 3.75 0.00	130.80 3.68 0.00
EMPIRE_CC_2 323658	71.63 3.00 0.00	61.19 2.49 0.00	60.63 2.50 0.00	60.87 2.50 0.00	60.48 2.45 0.00	57.44 1.98 0.00	53.59 1.40 0.00	68.73 1.90 0.00	80.74 2.11 -0.35	81.99 2.20 0.00	98.74 3.35 0.00	59.87 1.57 -13.93	69.12 2.18 -1.94	83.89 2.40 -7.62	76.59 2.32 0.00	83.89 2.50 0.00	112.54 3.68 0.00	164.32 4.71 0.00	191.82 4.06 0.00	172.39 3.44 0.00	165.89 3.03 0.00	150.16 3.49 0.00	158.72 3.75 0.00	130.80 3.68 0.00
ENORWICH_115KV_TB1 80156	71.39 2.76 0.00	61.06 2.35 0.00	60.24 2.11 0.00	60.45 2.08 0.00	60.09 2.06 0.00	57.51 2.05 0.00	54.62 2.45 0.03	67.58 1.95 1.19	77.84 1.42 1.87	77.25 0.52 3.06	97.27 0.08 -1.80	44.90 -0.65 -1.18	63.18 -0.95 0.88	70.22 -1.68 1.96	74.02 0.01 0.26	82.71 1.32 0.00	112.03 3.16 0.00	165.38 5.77 0.00	196.58 8.82 0.00	177.13 8.18 0.00	171.36 8.50 0.00	156.59 9.92 0.00	167.36 12.39 0.00	136.82 9.70 0.00
ERIE_ST__34_KV_TB1-2 80199	64.63 -4.00 0.00	55.19 -3.52 0.00	54.47 -3.66 0.00	54.89 -3.48 0.00	54.51 -3.52 0.00	51.55 -3.91 0.00	47.72 -4.44 0.03	58.78 -6.68 1.37	68.70 -7.45 2.14	68.15 -8.12 3.51	61.91 -9.64 23.83	32.69 -4.62 7.05	57.72 -6.28 1.01	64.26 -7.36 2.25	68.37 -5.59 0.31	75.60 -5.79 0.00	102.88 -5.99 0.00	154.55 -5.05 0.00	185.04 -2.72 0.00	165.60 -3.36 0.00	159.44 -3.42 0.00	142.32 -4.35 0.00	152.69 -2.28 0.00	125.41 -1.71 0.00
ERIE_WT_PWR 323693	63.91 -4.72 0.00	54.60 -4.11 0.00	53.94 -4.19 0.00	54.38 -3.99 0.00	53.99 -4.04 0.00	51.03 -4.43 0.00	47.21 -4.95 0.03	58.09 -7.37 1.37	67.81 -8.33 2.14	67.21 -9.06 3.51	58.87 -10.91 25.61	31.56 -5.17 7.63	56.91 -7.09 1.01	63.37 -8.25 2.25	67.39 -6.57 0.31	74.67 -6.71 0.00	101.69 -7.18 0.00	130.10 -6.78 22.72	129.91 -4.72 53.12	164.04 -4.91 0.00	157.85 -5.01 0.00	140.90 -5.77 0.00	151.46 -3.51 0.00	124.50 -2.62 0.00
ESPRGFLD_115KV_TB1 80157	68.54 -0.09 0.00	58.67 -0.03 0.00	58.03 -0.10 0.00	58.29 -0.08 0.00	58.00 -0.04 0.00	55.50 0.04 0.00	52.54 0.35 0.01	67.42 0.86 0.27	78.78 0.92 0.43	79.88 0.78 0.70	94.80 0.61 1.20	44.30 0.19 0.25	65.13 0.32 0.20	73.93 0.51 0.45	74.22 0.01 0.06	81.28 -0.11 0.00	109.05 0.18 0.00	160.62 1.01 0.00	189.86 2.10 0.00	171.01 2.06 0.00	165.24 2.38 0.00	148.81 2.14 0.00	157.62 2.65 0.00	128.73 1.60 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	68.45 -0.18 0.00	58.57 -0.13 0.00	57.98 -0.15 0.00	58.24 -0.13 0.00	57.96 -0.07 0.00	55.32 -0.14 0.00	51.94 -0.22 0.03	63.55 -1.87 1.41	73.85 -2.23 2.21	73.66 -2.50 3.62	96.89 -3.10 -4.60	44.86 -1.71 -2.20	61.78 -2.19 1.05	68.77 -2.78 2.32	72.90 -1.06 0.31	81.13 -0.26 0.00	109.40 0.53 0.00	161.31 1.70 0.00	190.98 3.22 0.00	171.94 2.99 0.00	166.04 3.18 0.00	149.28 2.61 0.00	157.99 3.03 0.00	129.11 1.99 0.00
ETNA____115KV_TB2 80207	68.45 -0.18 0.00	58.57 -0.13 0.00	57.98 -0.15 0.00	58.24 -0.13 0.00	57.96 -0.07 0.00	55.32 -0.14 0.00	51.94 -0.22 0.03	63.55 -1.87 1.41	73.85 -2.23 2.21	73.66 -2.50 3.62	96.89 -3.10 -4.60	44.86 -1.71 -2.20	61.78 -2.19 1.05	68.77 -2.78 2.32	72.90 -1.06 0.31	81.13 -0.26 0.00	109.40 0.53 0.00	161.31 1.70 0.00	190.98 3.22 0.00	171.94 2.99 0.00	166.04 3.18 0.00	149.28 2.61 0.00	157.99 3.03 0.00	129.11 1.99 0.00
EUCLID__115KV_TB2 356179	66.53 -2.10 0.00	56.90 -1.80 0.00	56.34 -1.79 0.00	56.59 -1.78 0.00	56.30 -1.74 0.00	53.76 -1.69 0.00	50.57 -1.60 0.02	63.20 -2.55 1.08	73.68 -2.92 1.69	73.97 -3.05 2.77	86.91 -3.72 4.76	41.59 -1.77 1.00	61.73 -2.48 0.80	69.23 -2.87 1.78	71.70 -2.32 0.24	79.06 -2.33 0.00	106.19 -2.68 0.00	156.01 -3.59 0.00	184.04 -3.72 0.00	165.49 -3.46 0.00	159.52 -3.34 0.00	143.41 -3.27 0.00	151.61 -3.36 0.00	124.22 -2.90 0.00
E_CANADA_CAP_HY 24051	68.58 -0.05 0.00	58.66 -0.04 0.00	58.00 -0.13 0.00	58.27 -0.09 0.00	57.98 -0.05 0.00	55.51 0.05 0.00	52.50 0.32 0.00	67.44 0.80 0.19	78.89 0.90 0.29	79.99 0.68 0.48	94.89 0.32 0.83	44.25 0.06 0.17	65.01 0.13 0.14	73.93 0.37 0.31	74.30 0.07 0.04	81.24 -0.15 0.00	108.86 -0.01 0.00	160.42 0.81 0.00	189.23 1.47 0.00	170.42 1.47 0.00	164.53 1.67 0.00	148.16 1.49 0.00	157.26 2.29 0.00	128.56 1.44 0.00
E_CANADA_MHWK_HY 24050	73.83 5.19 0.00	63.08 4.38 0.00	62.41 4.28 0.00	62.77 4.40 0.00	62.37 4.34 0.00	59.28 3.82 0.00	55.83 3.64 0.00	71.52 4.70 0.00	83.39 5.10 0.00	84.40 4.61 0.00	101.00 5.61 0.00	46.80 2.43 0.00	68.46 3.45 0.00	77.64 3.77 0.00	78.74 4.47 0.00	87.09 5.70 0.00	117.34 8.47 0.00	172.80 13.19 0.00	202.87 15.11 0.00	182.30 13.35 0.00	175.59 12.73 0.00	158.86 12.18 0.00	167.90 12.93 0.00	137.80 10.68 0.00
E_FISHKILL__LBMP 23776	71.20 2.56 0.00	60.83 2.12 0.00	60.31 2.18 0.00	60.49 2.13 0.00	60.20 2.17 0.00	57.72 2.26 0.00	54.44 2.25 0.00	69.68 2.85 0.00	81.96 3.11 -0.57	83.04 3.25 0.00	99.72 4.33 0.00	69.03 2.01 -22.65	70.97 2.82 -3.15	89.32 3.06 -12.39	77.27 3.00 0.00	84.56 3.17 0.00	113.30 4.44 0.00	165.81 6.20 0.00	194.33 6.57 0.00	174.62 5.67 0.00	168.46 5.61 0.00	151.89 5.21 0.00	158.75 3.78 0.00	129.99 2.87 0.00
FALCON__SEABRD_CC1 323796	69.47 0.84 0.00	59.52 0.82 0.00	58.91 0.78 0.00	59.12 0.75 0.00	58.88 0.85 0.00	56.61 1.15 0.00	53.00 0.81 0.00	68.22 1.40 0.00	80.29 2.01 0.00	82.06 2.27 0.00	98.45 3.06 0.00	45.51 1.14 0.00	66.08 1.07 0.00	74.87 0.99 0.00	74.63 0.36 0.00	81.53 0.14 0.00	107.16 -1.70 0.00	157.81 -1.80 0.00	186.68 -1.08 0.00	168.76 -0.19 0.00	162.26 -0.60 0.00	146.12 -0.55 0.00	155.38 0.41 0.00	128.02 0.90 0.00
FALCON__SEABRD_CC2 323797	69.47 0.84 0.00	59.52 0.82 0.00	58.91 0.78 0.00	59.12 0.75 0.00	58.88 0.85 0.00	56.61 1.15 0.00	53.00 0.81 0.00	68.22 1.40 0.00	80.29 2.01 0.00	82.06 2.27 0.00	98.45 3.06 0.00	45.51 1.14 0.00	66.08 1.07 0.00	74.87 0.99 0.00	74.63 0.36 0.00	81.53 0.14 0.00	107.16 -1.70 0.00	157.81 -1.80 0.00	186.68 -1.08 0.00	168.76 -0.19 0.00	162.26 -0.60 0.00	146.12 -0.55 0.00	155.38 0.41 0.00	128.02 0.90 0.00

FAR ROCKAWAY___4 23548	73.45 4.82 0.00	62.53 3.83 0.00	61.96 3.84 0.00	62.08 3.72 0.00	61.87 3.83 0.00	59.60 4.14 0.00	128.26 4.12 -71.95	78.66 5.24 -6.59	85.99 5.88 -1.82	113.96 6.14 -28.04	124.78 7.55 -21.83	123.80 3.42 -76.02	79.87 4.74 -10.12	119.13 5.39 -39.88	80.01 5.74 0.00	110.92 6.23 -23.30	130.78 8.61 -13.30	171.60 11.99 0.00	201.16 13.40 0.00	180.77 11.82 0.00	174.56 11.70 0.00	157.45 10.77 0.00	163.32 8.35 0.00	133.65 6.53 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	71.56 2.93 0.00	61.08 2.38 0.00	60.59 2.46 0.00	60.76 2.39 0.00	60.50 2.47 0.00	58.16 2.70 0.00	54.93 2.74 0.00	70.27 3.44 0.00	83.90 3.78 -1.84	83.71 3.93 0.00	100.60 5.21 0.00	120.42 2.47 -73.58	78.74 3.51 -10.22	117.86 3.72 -40.26	78.07 3.80 0.00	85.37 3.98 0.00	114.30 5.43 0.00	167.33 7.72 0.00	196.03 8.27 0.00	175.99 7.04 0.00	169.79 6.93 0.00	152.94 6.27 0.00	159.32 4.35 0.00	130.33 3.20 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	71.60 2.97 0.00	61.11 2.41 0.00	60.60 2.47 0.00	60.78 2.41 0.00	60.54 2.51 0.00	58.18 2.72 0.00	54.96 2.77 0.00	70.31 3.48 0.00	83.93 3.81 -1.84	83.76 3.97 0.00	100.67 5.28 0.00	120.42 2.47 -73.58	78.76 3.53 -10.22	117.86 3.73 -40.26	78.07 3.80 0.00	85.39 4.00 0.00	114.34 5.47 0.00	167.40 7.79 0.00	196.12 8.36 0.00	176.00 7.05 0.00	169.89 7.03 0.00	152.99 6.32 0.00	159.37 4.41 0.00	130.38 3.26 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	71.53 2.89 0.00	61.05 2.35 0.00	60.55 2.42 0.00	60.73 2.36 0.00	60.49 2.45 0.00	58.13 2.67 0.00	54.90 2.71 0.00	70.24 3.41 0.00	83.85 3.73 -1.84	83.68 3.89 0.00	100.57 5.18 0.00	120.38 2.44 -73.58	78.69 3.46 -10.22	117.83 3.69 -40.26	78.01 3.75 0.00	85.33 3.94 0.00	114.28 5.41 0.00	167.26 7.65 0.00	195.94 8.18 0.00	175.83 6.88 0.00	169.70 6.84 0.00	152.84 6.17 0.00	159.21 4.24 0.00	130.24 3.12 0.00
FARRAGUT___LBMP 323566	71.48 2.85 0.00	61.03 2.32 0.00	60.51 2.38 0.00	60.69 2.32 0.00	60.44 2.41 0.00	58.10 2.64 0.00	54.87 2.68 0.00	70.17 3.34 0.00	83.77 3.65 -1.84	83.60 3.81 0.00	100.48 5.09 0.00	120.34 2.39 -73.58	78.63 3.40 -10.22	117.75 3.61 -40.26	77.94 3.67 0.00	85.25 3.86 0.00	114.16 5.29 0.00	167.08 7.47 0.00	195.75 7.99 0.00	175.66 6.71 0.00	169.55 6.69 0.00	152.70 6.02 0.00	159.07 4.10 0.00	130.14 3.01 0.00
FENNER___WINDPWR 24204	68.92 0.29 0.00	59.02 0.31 0.00	58.50 0.38 0.00	58.73 0.36 0.00	58.40 0.37 0.00	55.92 0.46 0.00	53.38 1.21 0.02	67.45 1.36 0.73	78.69 1.55 1.15	79.43 1.52 1.88	93.78 1.63 3.24	44.35 0.67 0.68	65.46 0.99 0.54	73.88 1.21 1.21	74.93 0.83 0.16	82.18 0.79 0.00	109.80 0.93 0.00	162.34 0.62 -2.11	193.92 1.23 -4.94	170.07 1.12 0.00	164.01 1.16 0.00	147.66 0.98 0.00	156.00 1.03 0.00	127.81 0.69 0.00
FIBERTEK___ENERGY 23856	67.10 -1.53 0.00	57.41 -1.29 0.00	56.85 -1.28 0.00	57.11 -1.26 0.00	56.82 -1.21 0.00	54.26 -1.20 0.00	51.06 -1.12 0.02	63.93 -2.10 0.80	74.60 -2.44 1.25	75.19 -2.55 2.05	88.73 -3.14 3.52	42.11 -1.52 0.74	62.33 -2.09 0.59	70.01 -2.55 1.31	72.33 -1.76 0.18	79.83 -1.56 0.00	107.25 -1.62 0.00	157.70 -1.91 0.00	186.13 -1.63 0.00	167.38 -1.57 0.00	161.46 -1.40 0.00	145.08 -1.60 0.00	153.38 -1.59 0.00	125.52 -1.60 0.00
FITZPATRICK___ 23598	65.65 -2.99 0.00	56.17 -2.53 0.00	55.59 -2.53 0.00	55.83 -2.53 0.00	55.54 -2.50 0.00	53.04 -2.42 0.00	49.91 -2.27 0.00	63.34 -3.30 0.18	74.15 -3.84 0.29	75.35 -3.96 0.47	89.78 -4.80 0.81	41.95 -2.25 0.17	61.64 -3.24 0.14	69.86 -3.71 0.30	70.88 -3.35 0.04	77.89 -3.50 0.00	104.47 -4.40 0.00	153.45 -6.15 0.00	180.90 -6.86 0.00	162.69 -6.26 0.00	156.85 -6.01 0.00	141.06 -5.61 0.00	149.16 -5.81 0.00	122.29 -4.84 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	72.10 3.47 0.00	61.60 2.90 0.00	61.04 2.91 0.00	61.23 2.86 0.00	60.95 2.92 0.00	58.48 3.02 0.00	55.20 3.01 0.00	70.75 3.92 0.00	82.65 4.36 0.00	84.29 4.50 0.00	101.20 5.81 0.00	47.02 2.66 0.00	68.77 3.76 0.00	78.03 4.15 0.00	78.38 4.11 0.00	85.81 4.42 0.00	115.15 6.28 0.00	168.71 9.11 0.00	197.92 10.17 0.00	177.89 8.94 0.00	171.63 8.77 0.00	154.63 7.95 0.00	161.57 6.60 0.00	132.16 5.04 0.00
FORT ORANGE___ 23900	71.56 2.93 0.00	61.17 2.47 0.00	60.60 2.47 0.00	60.81 2.44 0.00	60.39 2.35 0.00	57.39 1.93 0.00	53.54 1.35 0.00	68.71 1.88 0.00	80.41 2.13 0.00	82.01 2.23 0.00	98.54 3.15 0.00	45.83 1.46 0.00	67.02 2.01 0.00	76.11 2.24 0.00	76.43 2.16 0.00	83.81 2.42 0.00	112.49 3.62 0.00	164.32 4.71 0.00	192.45 4.69 0.00	173.13 4.18 0.00	166.65 3.79 0.00	150.50 3.83 0.00	158.58 3.61 0.00	131.06 3.94 0.00
FORT_DRUM_COGEN 23780	66.76 -1.87 0.00	56.78 -1.92 0.00	56.10 -2.03 0.00	56.29 -2.08 0.00	56.38 -1.65 0.00	54.82 -0.64 0.00	52.58 0.39 0.00	67.70 0.88 0.00	80.49 2.21 0.00	82.15 2.36 0.00	96.04 0.65 0.00	44.02 -0.34 0.00	64.64 -0.37 0.00	75.35 1.48 0.00	73.84 -0.43 0.00	79.93 -1.46 0.00	108.03 -0.83 0.00	159.77 0.16 0.00	190.58 2.82 0.00	175.23 6.28 0.00	172.10 9.24 0.00	155.05 8.38 0.00	164.14 9.18 0.00	133.74 6.62 0.00
FOX_HILLS___ESR 323835	71.51 2.88 0.00	61.11 2.41 0.00	60.60 2.46 0.00	60.76 2.40 0.00	60.51 2.48 0.00	58.20 2.74 0.00	54.92 2.73 0.00	70.16 3.33 0.00	83.48 3.36 -1.83	83.17 3.38 0.00	99.82 4.43 0.00	119.95 2.15 -73.44	78.41 3.20 -10.20	117.25 3.20 -40.19	77.66 3.39 0.00	84.66 3.28 0.00	113.30 4.44 0.00	166.43 6.82 0.00	195.08 7.32 0.00	175.22 6.27 0.00	169.29 6.44 0.00	152.41 5.73 0.00	158.48 3.52 0.00	129.47 2.35 0.00
FPL_FAR_ROCK_GT1 24212	73.44 4.81 0.00	62.53 3.82 0.00	61.97 3.84 0.00	62.08 3.71 0.00	61.87 3.83 0.00	59.59 4.13 0.00	128.26 4.11 -71.95	78.66 5.24 -6.59	85.98 5.87 -1.82	113.95 6.13 -28.04	124.77 7.55 -21.83	123.80 3.41 -76.02	79.87 4.74 -10.12	119.11 5.37 -39.88	80.02 5.75 0.00	110.92 6.23 -23.30	130.77 8.60 -13.30	171.58 11.97 0.00	201.17 13.41 0.00	180.77 11.82 0.00	174.56 11.70 0.00	157.48 10.81 0.00	163.31 8.34 0.00	133.65 6.53 0.00
FPL_FAR_ROCK_GT2 23815	73.44 4.81 0.00	62.53 3.82 0.00	61.97 3.84 0.00	62.08 3.71 0.00	61.87 3.83 0.00	59.59 4.13 0.00	128.26 4.11 -71.95	78.66 5.24 -6.59	85.98 5.87 -1.82	113.95 6.13 -28.04	124.77 7.55 -21.83	123.80 3.41 -76.02	79.87 4.74 -10.12	119.11 5.37 -39.88	80.02 5.75 0.00	110.92 6.23 -23.30	130.77 8.60 -13.30	171.58 11.97 0.00	201.17 13.41 0.00	180.77 11.82 0.00	174.56 11.70 0.00	157.48 10.81 0.00	163.31 8.34 0.00	133.65 6.53 0.00
FRANKLIN_FALL_HYD 24054	69.56 0.93 0.00	59.58 0.88 0.00	58.93 0.80 0.00	59.10 0.74 0.00	58.84 0.81 0.00	56.58 1.12 0.00	53.03 0.84 0.00	68.40 1.57 0.00	80.64 2.35 0.00	82.47 2.68 0.00	98.94 3.55 0.00	45.78 1.42 0.00	66.53 1.52 0.00	75.44 1.57 0.00	75.35 1.08 0.00	82.38 0.99 0.00	109.24 0.37 0.00	161.52 1.91 0.00	191.23 3.47 0.00	172.71 3.76 0.00	166.06 3.21 0.00	149.25 2.58 0.00	159.36 4.40 0.00	131.07 3.95 0.00

FREEPORT_EQUS_GT1 23764	72.96 4.33 0.00	62.11 3.40 0.00	61.53 3.40 0.00	61.63 3.26 0.00	61.40 3.37 0.00	59.13 3.66 0.00	114.40 3.52 -58.69	78.16 4.74 -6.59	85.42 5.31 -1.82	113.39 5.56 -28.04	123.82 6.60 -21.83	123.42 3.04 -76.02	79.31 4.17 -10.12	118.45 4.70 -39.88	79.39 5.12 0.00	110.28 5.59 -23.30	129.32 7.15 -13.30	168.58 9.48 0.51	197.32 10.47 0.91	177.51 9.19 0.63	171.46 9.15 0.55	155.45 9.09 0.31	161.13 6.59 0.42	132.15 5.03 0.01
FREEPORT___CT2 23818	72.96 4.33 0.00	62.11 3.40 0.00	61.53 3.40 0.00	61.63 3.26 0.00	61.40 3.37 0.00	59.13 3.66 0.00	114.40 3.52 -58.69	78.16 4.74 -6.59	85.42 5.31 -1.82	113.39 5.56 -28.04	123.82 6.60 -21.83	123.42 3.04 -76.02	79.31 4.17 -10.12	118.45 4.70 -39.88	79.39 5.12 0.00	110.28 5.59 -23.30	129.32 7.15 -13.30	168.58 9.48 0.51	197.32 10.47 0.91	177.51 9.19 0.63	171.46 9.15 0.55	155.45 9.09 0.31	161.13 6.59 0.42	132.15 5.03 0.01
FRESHKLS_33_KV_LOAD 356253	71.59 2.96 0.00	61.21 2.51 0.00	60.70 2.58 0.00	60.87 2.50 0.00	60.62 2.59 0.00	58.31 2.85 0.00	55.02 2.83 0.00	70.24 3.41 0.00	83.45 3.33 -1.83	83.07 3.29 0.00	99.60 4.21 0.00	119.89 2.08 -73.44	78.39 3.17 -10.20	117.12 3.06 -40.19	77.57 3.30 0.00	84.50 3.11 0.00	113.12 4.25 0.00	166.43 6.82 0.00	195.16 7.40 0.00	175.32 6.37 0.00	169.50 6.64 0.00	152.55 5.88 0.00	158.59 3.62 0.00	129.41 2.29 0.00
FULTON COGEN____ 23766	65.85 -2.78 0.00	56.31 -2.39 0.00	55.75 -2.37 0.00	55.99 -2.38 0.00	55.71 -2.32 0.00	53.24 -2.22 0.00	50.16 -2.04 0.00	64.01 -3.06 -0.25	75.15 -3.53 -0.39	76.82 -3.61 -0.64	92.08 -4.40 -1.10	42.51 -2.09 -0.23	62.25 -2.95 -0.18	70.94 -3.35 -0.41	71.45 -2.87 -0.06	78.34 -3.05 0.00	105.22 -3.65 0.00	154.67 -4.94 0.00	182.42 -5.33 0.00	164.11 -4.84 0.00	158.18 -4.68 0.00	142.21 -4.46 0.00	150.14 -4.83 0.00	123.08 -4.04 0.00
FULTON___LFGE 323630	70.65 2.02 0.00	60.41 1.71 0.00	59.75 1.62 0.00	60.01 1.65 0.00	59.73 1.69 0.00	57.14 1.68 0.00	54.07 1.88 0.00	69.59 2.76 0.00	81.41 3.13 0.00	82.65 2.86 0.00	98.10 2.71 0.00	45.49 1.13 0.00	66.65 1.64 0.00	76.02 2.14 0.00	76.50 2.23 0.00	84.06 2.67 0.00	113.00 4.14 0.00	166.34 6.73 0.00	195.89 8.13 0.00	176.27 7.32 0.00	169.99 7.12 0.00	152.94 6.27 0.00	161.62 6.65 0.00	132.14 5.02 0.00
G.F.CEMENT___DRP 24184	72.61 3.98 0.00	61.94 3.24 0.00	61.34 3.21 0.00	61.66 3.29 0.00	61.37 3.34 0.00	58.65 3.19 0.00	55.43 3.24 0.00	71.36 4.53 0.00	83.49 5.20 0.00	84.95 5.17 0.00	101.69 6.30 0.00	47.21 2.84 0.00	69.03 4.02 0.00	78.28 4.41 0.00	78.62 4.35 0.00	86.44 5.06 0.00	116.62 7.75 0.00	170.75 11.14 0.00	200.55 12.79 0.00	180.15 11.20 0.00	173.71 10.85 0.00	156.79 10.12 0.00	165.21 10.24 0.00	134.99 7.86 0.00
GARDENVILLE___LBMP 24039	63.56 -5.07 0.00	54.32 -4.38 0.00	53.68 -4.45 0.00	54.13 -4.24 0.00	53.79 -4.24 0.00	50.78 -4.68 0.00	46.94 -5.22 0.03	57.74 -7.71 1.37	67.41 -8.74 2.14	66.76 -9.52 3.51	54.90 -11.53 28.96	30.19 -5.45 8.72	56.55 -7.44 1.01	62.92 -8.70 2.25	66.99 -6.97 0.31	74.23 -7.16 0.00	101.07 -7.80 0.00	151.78 -7.82 0.00	181.84 -5.92 0.00	162.97 -5.98 0.00	156.90 -5.96 0.00	140.09 -6.58 0.00	150.66 -4.31 0.00	123.90 -3.22 0.00
GARDNVLA_35_KV_LD 355827	64.19 -4.44 0.00	54.82 -3.88 0.00	54.16 -3.97 0.00	54.60 -3.77 0.00	54.21 -3.82 0.00	51.24 -4.22 0.00	47.43 -4.73 0.03	58.40 -7.06 1.37	68.19 -7.95 2.14	67.59 -8.70 3.51	59.82 -10.57 25.00	31.92 -5.02 7.43	57.24 -6.76 1.01	63.72 -7.90 2.25	67.86 -6.11 0.31	75.17 -6.23 0.00	102.30 -6.57 0.00	153.71 -5.90 0.00	184.11 -3.65 0.00	165.07 -3.88 0.00	158.80 -4.06 0.00	141.72 -4.96 0.00	152.22 -2.75 0.00	125.03 -2.09 0.00
GELCKHM___115KV_LOAD 80723	66.76 -1.88 0.00	57.11 -1.59 0.00	56.53 -1.60 0.00	56.79 -1.58 0.00	56.49 -1.54 0.00	53.94 -1.52 0.00	50.75 -1.42 0.02	63.52 -2.35 0.95	74.09 -2.71 1.49	74.51 -2.84 2.44	87.73 -3.46 4.20	41.83 -1.65 0.89	61.99 -2.32 0.70	69.59 -2.72 1.57	71.96 -2.10 0.21	79.36 -2.03 0.00	106.60 -2.27 0.00	156.67 -2.94 0.00	184.84 -2.92 0.00	166.24 -2.71 0.00	160.25 -2.61 0.00	144.06 -2.61 0.00	152.28 -2.68 0.00	124.72 -2.40 0.00
GENERAL___MILLS 23808	63.92 -4.71 0.00	54.62 -4.09 0.00	53.95 -4.17 0.00	54.40 -3.96 0.00	54.03 -4.00 0.00	51.05 -4.42 0.00	47.21 -4.95 0.03	58.10 -7.36 1.37	67.82 -8.33 2.14	67.19 -9.09 3.51	58.75 -11.03 25.61	31.51 -5.23 7.63	56.89 -7.11 1.01	63.34 -8.28 2.25	67.43 -6.53 0.31	74.70 -6.69 0.00	101.69 -7.18 0.00	152.74 -6.87 0.00	182.95 -4.80 0.00	163.93 -5.02 0.00	157.76 -5.10 0.00	140.82 -5.85 0.00	151.38 -3.59 0.00	124.42 -2.70 0.00
GE_PLASTICS___DRP 24183	70.91 2.28 0.00	60.64 1.94 0.00	60.08 1.95 0.00	60.30 1.94 0.00	59.93 1.90 0.00	57.10 1.64 0.00	53.50 1.31 0.00	68.62 1.80 0.00	80.30 2.02 0.00	81.90 2.11 0.00	98.32 2.93 0.00	45.73 1.37 0.00	66.89 1.88 0.00	76.01 2.14 0.00	76.28 2.01 0.00	83.58 2.19 0.00	112.06 3.19 0.00	163.68 4.08 0.00	191.80 4.04 0.00	172.52 3.57 0.00	166.19 3.33 0.00	150.08 3.41 0.00	158.12 3.15 0.00	130.39 3.27 0.00
GILBOA___1 23756	70.42 1.79 0.00	60.39 1.69 0.00	59.86 1.73 0.00	60.07 1.70 0.00	59.73 1.70 0.00	56.72 1.26 0.00	53.39 1.20 0.00	68.63 1.80 0.00	80.28 1.99 0.00	81.85 2.06 0.00	98.12 2.74 0.00	45.63 1.27 0.00	66.81 1.79 0.00	76.06 2.19 0.00	75.93 1.66 0.00	83.10 1.71 0.00	111.37 2.50 0.00	162.28 2.67 0.00	190.29 2.53 0.00	171.32 2.37 0.00	165.48 2.63 0.00	149.47 2.80 0.00	157.45 2.49 0.00	129.27 2.15 0.00
GILBOA___2 23757	70.42 1.79 0.00	60.39 1.69 0.00	59.86 1.73 0.00	60.07 1.70 0.00	59.73 1.70 0.00	56.72 1.26 0.00	53.39 1.20 0.00	68.63 1.80 0.00	80.28 1.99 0.00	81.85 2.06 0.00	98.12 2.74 0.00	45.63 1.27 0.00	66.81 1.79 0.00	76.06 2.19 0.00	75.93 1.66 0.00	83.10 1.71 0.00	111.37 2.50 0.00	162.28 2.67 0.00	190.29 2.53 0.00	171.32 2.37 0.00	165.48 2.63 0.00	149.47 2.80 0.00	157.45 2.49 0.00	129.27 2.15 0.00
GILBOA___3 23758	70.42 1.79 0.00	60.39 1.69 0.00	59.86 1.73 0.00	60.07 1.70 0.00	59.73 1.70 0.00	56.72 1.26 0.00	53.39 1.20 0.00	68.63 1.80 0.00	80.28 1.99 0.00	81.85 2.06 0.00	98.12 2.74 0.00	45.63 1.27 0.00	66.81 1.79 0.00	76.06 2.19 0.00	75.93 1.66 0.00	83.10 1.71 0.00	111.37 2.50 0.00	162.28 2.67 0.00	190.29 2.53 0.00	171.32 2.37 0.00	165.48 2.63 0.00	149.47 2.80 0.00	157.45 2.49 0.00	129.27 2.15 0.00
GILBOA___4 23759	70.42 1.79 0.00	60.39 1.69 0.00	59.86 1.73 0.00	60.07 1.70 0.00	59.73 1.70 0.00	56.72 1.26 0.00	53.39 1.20 0.00	68.63 1.80 0.00	80.28 1.99 0.00	81.85 2.06 0.00	98.12 2.74 0.00	45.63 1.27 0.00	66.81 1.79 0.00	76.06 2.19 0.00	75.93 1.66 0.00	83.10 1.71 0.00	111.37 2.50 0.00	162.28 2.67 0.00	190.29 2.53 0.00	171.32 2.37 0.00	165.48 2.63 0.00	149.47 2.80 0.00	157.45 2.49 0.00	129.27 2.15 0.00

GILBOA____ 23599	70.42 1.80 0.00	60.40 1.70 0.00	59.86 1.73 0.00	60.07 1.70 0.00	59.73 1.70 0.00	56.72 1.26 0.00	53.39 1.20 0.00	68.63 1.80 0.00	80.28 2.00 0.00	81.85 2.06 0.00	98.14 2.75 0.00	45.63 1.27 0.00	66.81 1.80 0.00	76.06 2.19 0.00	75.92 1.65 0.00	83.10 1.71 0.00	111.37 2.50 0.00	162.28 2.68 0.00	190.29 2.53 0.00	171.32 2.37 0.00	165.47 2.61 0.00	149.47 2.80 0.00	157.45 2.49 0.00	129.28 2.16 0.00
GINNA____ 23603	63.04 -5.59 0.00	53.83 -4.87 0.00	53.22 -4.91 0.00	53.53 -4.84 0.00	53.23 -4.80 0.00	50.77 -4.69 0.00	47.54 -4.63 0.03	59.21 -6.35 1.26	69.06 -7.25 1.97	68.95 -7.61 3.23	77.93 -9.32 8.14	37.99 -4.37 2.01	58.03 -6.05 0.93	64.90 -6.90 2.07	68.00 -5.99 0.28	75.05 -6.34 0.00	101.38 -7.49 0.00	141.70 -9.54 8.36	158.12 -10.09 19.54	159.10 -9.85 0.00	152.90 -9.96 0.00	136.75 -9.93 0.00	145.35 -9.62 0.00	119.06 -8.06 0.00
GLEN PARK____ 23778	66.82 -1.81 0.00	56.81 -1.89 0.00	56.14 -1.99 0.00	56.32 -2.05 0.00	56.42 -1.62 0.00	54.84 -0.62 0.00	52.63 0.44 0.00	67.72 0.89 0.00	80.51 2.22 0.00	82.18 2.40 0.00	96.13 0.74 0.00	44.06 -0.30 0.00	64.73 -0.28 0.00	75.38 1.51 0.00	73.95 -0.32 0.00	80.09 -1.30 0.00	108.38 -0.49 0.00	160.35 0.75 0.00	191.14 3.39 0.00	175.62 6.67 0.00	172.53 9.67 0.00	155.30 8.63 0.00	164.34 9.37 0.00	133.82 6.70 0.00
GLENDAL_27_KV_LOAD 356172	71.77 3.14 0.00	61.31 2.60 0.00	60.76 2.63 0.00	60.91 2.54 0.00	60.67 2.63 0.00	58.35 2.89 0.00	55.09 2.90 0.00	70.46 3.63 0.00	84.05 3.93 -1.83	83.92 4.13 0.00	100.95 5.56 0.00	120.43 2.63 -73.44	78.93 3.72 -10.20	117.97 3.92 -40.19	78.32 4.05 0.00	85.59 4.20 0.00	114.59 5.73 0.00	167.87 8.27 0.00	196.72 8.96 0.00	176.42 7.47 0.00	170.24 7.38 0.00	153.33 6.66 0.00	159.65 4.68 0.00	130.63 3.51 0.00
GLENWOOD_IC_1_G5 23712	72.32 3.68 0.00	61.66 2.95 0.00	61.12 2.99 0.00	61.28 2.91 0.00	61.03 3.00 0.00	58.69 3.22 0.00	129.49 3.23 -74.07	77.56 4.15 -6.59	84.73 4.62 -1.82	112.67 4.84 -28.04	123.39 6.17 -21.83	123.18 2.80 -76.02	79.04 3.91 -10.12	118.06 4.32 -39.88	78.79 4.52 0.00	109.56 4.88 -23.30	128.86 6.70 -13.30	168.91 9.31 0.00	197.97 10.21 0.00	177.84 8.89 0.00	171.71 8.85 0.00	154.82 8.14 0.00	160.90 5.93 0.00	131.67 4.54 0.00
GLENWOOD_IC_2_G1 23688	71.93 3.30 0.00	61.35 2.65 0.00	60.83 2.70 0.00	60.98 2.62 0.00	60.72 2.69 0.00	58.37 2.91 0.00	58.24 2.94 -3.11	77.19 3.77 -6.59	84.27 4.17 -1.82	112.17 4.34 -28.04	122.85 5.62 -21.83	122.96 2.57 -76.02	78.72 3.59 -10.12	117.68 3.93 -39.88	78.35 4.08 0.00	109.05 4.36 -23.30	128.15 5.98 -13.30	167.96 8.35 0.00	196.86 9.10 0.00	176.83 7.88 0.00	170.71 7.86 0.00	153.87 7.20 0.00	160.11 5.14 0.00	131.02 3.90 0.00
GLENWOOD_IC_3_G1 23689	71.93 3.30 0.00	61.35 2.65 0.00	60.83 2.70 0.00	60.98 2.62 0.00	60.72 2.69 0.00	58.37 2.91 0.00	58.24 2.94 -3.11	77.19 3.77 -6.59	84.27 4.17 -1.82	112.17 4.34 -28.04	122.85 5.62 -21.83	122.96 2.57 -76.02	78.72 3.59 -10.12	117.68 3.93 -39.88	78.35 4.08 0.00	109.05 4.36 -23.30	128.15 5.98 -13.30	167.96 8.35 0.00	196.86 9.10 0.00	176.83 7.88 0.00	170.71 7.86 0.00	153.87 7.20 0.00	160.11 5.14 0.00	131.02 3.90 0.00
GLENWOOD____4 23550	72.32 3.68 0.00	61.66 2.95 0.00	61.12 2.99 0.00	61.28 2.91 0.00	61.03 3.00 0.00	58.69 3.22 0.00	129.49 3.23 -74.07	77.56 4.15 -6.59	84.73 4.62 -1.82	112.67 4.84 -28.04	123.39 6.17 -21.83	123.18 2.80 -76.02	79.04 3.91 -10.12	118.06 4.32 -39.88	78.79 4.52 0.00	109.56 4.88 -23.30	128.86 6.70 -13.30	168.91 9.31 0.00	197.97 10.21 0.00	177.84 8.89 0.00	171.71 8.85 0.00	154.82 8.14 0.00	160.90 5.93 0.00	131.67 4.54 0.00
GLENWOOD____5 23614	72.32 3.68 0.00	61.66 2.95 0.00	61.12 2.99 0.00	61.28 2.91 0.00	61.03 3.00 0.00	58.69 3.22 0.00	129.49 3.23 -74.07	77.56 4.15 -6.59	84.73 4.62 -1.82	112.67 4.84 -28.04	123.39 6.17 -21.83	123.18 2.80 -76.02	79.04 3.91 -10.12	118.06 4.32 -39.88	78.79 4.52 0.00	109.56 4.88 -23.30	128.86 6.70 -13.30	168.91 9.31 0.00	197.97 10.21 0.00	177.84 8.89 0.00	171.71 8.85 0.00	154.82 8.14 0.00	160.90 5.93 0.00	131.67 4.54 0.00
GLOBAL GREEN_PORT_GT1 23814	74.58 5.95 0.00	63.11 4.41 0.00	62.84 4.71 0.00	62.05 3.68 0.00	61.59 3.55 0.00	59.33 3.87 0.00	98.35 4.27 -41.89	79.00 5.58 -6.59	86.22 6.12 -1.82	114.34 6.51 -28.04	126.26 9.04 -21.83	123.79 3.41 -76.02	79.11 3.97 -10.12	118.07 4.32 -39.88	79.60 5.33 0.00	110.56 5.87 -23.30	130.88 8.71 -13.30	216.62 12.29 -44.73	248.80 13.53 -47.50	243.05 11.94 -62.16	222.50 11.98 -47.66	213.76 10.79 -56.30	169.13 8.02 -6.14	133.10 5.98 0.01
GLOBE____DSASP 323697	62.39 -6.24 0.00	53.23 -5.47 0.00	52.55 -5.57 0.00	52.94 -5.43 0.00	52.50 -5.53 0.00	49.43 -6.03 0.00	45.52 -6.64 0.03	56.06 -9.42 1.35	65.38 -10.79 2.12	64.78 -11.54 3.47	60.25 -14.07 21.08	31.73 -6.47 6.17	55.07 -8.94 1.00	61.33 -10.32 2.23	65.34 -8.62 0.30	72.19 -9.20 0.00	97.84 -11.03 0.00	146.61 -12.99 0.00	175.52 -12.24 0.00	155.83 -13.12 0.00	149.44 -13.42 0.00	133.39 -13.29 0.00	144.11 -10.86 0.00	119.55 -7.57 0.00
GOETHSLN____LBMP 323567	71.11 2.48 0.00	60.69 1.99 0.00	60.19 2.07 0.00	60.37 2.01 0.00	60.15 2.11 0.00	57.82 2.36 0.00	54.60 2.41 0.00	69.82 2.99 0.00	83.32 3.20 -1.84	83.08 3.30 0.00	99.85 4.46 0.00	120.06 2.11 -73.58	78.24 3.00 -10.22	117.29 3.16 -40.26	77.49 3.23 0.00	84.74 3.35 0.00	113.46 4.59 0.00	166.05 6.44 0.00	194.51 6.75 0.00	174.60 5.65 0.00	168.57 5.72 0.00	151.79 5.12 0.00	158.01 3.04 0.00	129.32 2.20 0.00
GOLAH____69_KV_TB 1_2 80279	66.03 -2.60 0.00	56.40 -2.30 0.00	55.77 -2.36 0.00	56.14 -2.23 0.00	55.81 -2.23 0.00	53.12 -2.34 0.00	49.47 -2.70 0.03	61.52 -4.01 1.30	71.81 -4.45 2.03	71.56 -4.90 3.32	81.01 -6.15 8.23	39.40 -2.94 2.02	60.17 -3.88 0.96	67.14 -4.60 2.13	70.64 -3.34 0.29	77.88 -3.51 0.00	105.58 -3.29 0.00	156.86 -2.75 0.00	186.17 -1.59 0.00	166.66 -2.29 0.00	160.06 -2.80 0.00	142.94 -3.74 0.00	152.60 -2.36 0.00	125.42 -1.70 0.00
GOODYEAR_LAKE_HYD 323669	69.81 1.18 0.00	59.75 1.05 0.00	59.15 1.02 0.00	59.40 1.03 0.00	59.10 1.06 0.00	56.46 1.00 0.00	53.37 1.19 0.01	68.43 2.03 0.43	79.85 2.24 0.67	80.90 2.21 1.10	96.11 2.61 1.89	45.10 1.14 0.40	66.35 1.66 0.32	75.12 1.95 0.71	75.50 1.33 0.10	82.77 1.38 0.00	111.26 2.39 0.00	163.33 3.73 0.00	192.70 4.94 0.00	173.49 4.54 0.00	167.54 4.68 0.00	150.89 4.22 0.00	159.32 4.36 0.00	130.28 3.15 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	67.32 -1.31 0.00	57.67 -1.03 0.00	57.14 -0.98 0.00	57.39 -0.98 0.00	57.11 -0.92 0.00	54.43 -1.03 0.00	50.95 -1.21 0.03	61.52 -3.80 1.51	71.53 -4.40 2.35	71.19 -4.74 3.85	89.24 -5.68 0.48	42.07 -2.89 -0.60	60.07 -3.83 1.11	66.72 -4.68 2.47	71.37 -2.56 0.34	79.61 -1.78 0.00	107.19 -1.68 0.00	157.66 -1.94 0.00	186.86 -0.90 0.00	168.34 -0.62 0.00	162.61 -0.25 0.00	146.29 -0.39 0.00	154.98 0.02 0.00	126.86 -0.26 0.00

GOUDEY___7 23579	67.32 -1.31 0.00	57.67 -1.03 0.00	57.14 -0.98 0.00	57.39 -0.98 0.00	57.11 -0.92 0.00	54.43 -1.03 0.00	50.95 -1.21 0.03	61.52 -3.80 1.51	71.53 -4.40 2.35	71.19 -4.74 3.85	89.24 -5.68 0.48	42.07 -2.89 -0.60	60.07 -3.83 1.11	66.72 -4.68 2.47	71.37 -2.56 0.34	79.61 -1.78 0.00	107.19 -1.68 0.00	157.66 -1.94 0.00	186.86 -0.90 0.00	168.34 -0.62 0.00	162.61 -0.25 0.00	146.29 -0.39 0.00	154.98 0.02 0.00	126.86 -0.26 0.00
GOUDEY___8 23580	67.32 -1.31 0.00	57.67 -1.03 0.00	57.14 -0.98 0.00	57.39 -0.98 0.00	57.11 -0.92 0.00	54.43 -1.03 0.00	50.95 -1.21 0.03	61.52 -3.80 1.51	71.53 -4.40 2.35	71.19 -4.74 3.85	89.24 -5.68 0.48	42.07 -2.89 -0.60	60.07 -3.83 1.11	66.72 -4.68 2.47	71.37 -2.56 0.34	79.61 -1.78 0.00	107.19 -1.68 0.00	157.66 -1.94 0.00	186.86 -0.90 0.00	168.34 -0.62 0.00	162.61 -0.25 0.00	146.29 -0.39 0.00	154.98 0.02 0.00	126.86 -0.26 0.00
GOWANUS_GT1_1 24077	71.65 3.02 0.00	61.20 2.49 0.00	60.67 2.55 0.00	60.83 2.46 0.00	60.59 2.56 0.00	58.28 2.82 0.00	55.01 2.82 0.00	70.28 3.46 0.00	83.72 3.60 -1.83	83.51 3.72 0.00	100.30 4.91 0.00	120.15 2.34 -73.44	78.64 3.43 -10.20	117.56 3.51 -40.19	77.94 3.67 0.00	85.06 3.67 0.00	113.85 4.98 0.00	166.90 7.30 0.00	195.59 7.84 0.00	175.59 6.64 0.00	169.59 6.73 0.00	152.67 6.00 0.00	158.87 3.90 0.00	129.95 2.83 0.00
GOWANUS_GT1_2 24078	71.65 3.02 0.00	61.20 2.49 0.00	60.67 2.55 0.00	60.83 2.46 0.00	60.59 2.56 0.00	58.28 2.82 0.00	55.01 2.82 0.00	70.28 3.46 0.00	83.72 3.60 -1.83	83.51 3.72 0.00	100.30 4.91 0.00	120.15 2.34 -73.44	78.64 3.43 -10.20	117.56 3.51 -40.19	77.94 3.67 0.00	85.06 3.67 0.00	113.85 4.98 0.00	166.90 7.30 0.00	195.59 7.84 0.00	175.59 6.64 0.00	169.59 6.73 0.00	152.67 6.00 0.00	158.87 3.90 0.00	129.95 2.83 0.00
GOWANUS_GT1_3 24079	71.65 3.02 0.00	61.20 2.49 0.00	60.67 2.55 0.00	60.83 2.46 0.00	60.59 2.56 0.00	58.28 2.82 0.00	55.01 2.82 0.00	70.28 3.46 0.00	83.72 3.60 -1.83	83.51 3.72 0.00	100.30 4.91 0.00	120.15 2.34 -73.44	78.64 3.43 -10.20	117.56 3.51 -40.19	77.94 3.67 0.00	85.06 3.67 0.00	113.85 4.98 0.00	166.90 7.30 0.00	195.59 7.84 0.00	175.59 6.64 0.00	169.59 6.73 0.00	152.67 6.00 0.00	158.87 3.90 0.00	129.95 2.83 0.00
GOWANUS_GT1_4 24080	71.65 3.02 0.00	61.20 2.49 0.00	60.67 2.55 0.00	60.83 2.46 0.00	60.59 2.56 0.00	58.28 2.82 0.00	55.01 2.82 0.00	70.28 3.46 0.00	83.72 3.60 0.00	83.51 3.72 0.00	100.30 4.91 0.00	120.15 2.34 -73.44	78.64 3.43 -10.20	117.56 3.51 -40.19	77.94 3.67 0.00	85.06 3.67 0.00	113.85 4.98 0.00	166.90 7.30 0.00	195.59 7.84 0.00	175.59 6.64 0.00	169.59 6.73 0.00	152.67 6.00 0.00	158.87 3.90 0.00	129.95 2.83 0.00
GOWANUS_GT1_5 24084	71.65 3.02 0.00	61.20 2.49 0.00	60.67 2.55 0.00	60.83 2.46 0.00	60.59 2.56 0.00	58.28 2.82 0.00	55.01 2.82 0.00	70.28 3.46 0.00	83.72 3.60 -1.83	83.51 3.72 0.00	100.30 4.91 0.00	120.15 2.34 -73.44	78.64 3.43 -10.20	117.56 3.51 -40.19	77.94 3.67 0.00	85.06 3.67 0.00	113.85 4.98 0.00	166.90 7.30 0.00	195.59 7.84 0.00	175.59 6.64 0.00	169.59 6.73 0.00	152.67 6.00 0.00	158.87 3.90 0.00	129.95 2.83 0.00
GOWANUS_GT1_6 24111	71.65 3.02 0.00	61.20 2.49 0.00	60.67 2.55 0.00																					

GOWANUS_GT2_6 24119	71.65 3.02 0.00	61.20 2.50 0.00	60.68 2.55 0.00	60.83 2.46 0.00	60.58 2.55 0.00	58.27 2.81 0.00	55.01 2.82 0.00	70.27 3.44 0.00	83.72 3.60 -1.83	83.51 3.72 0.00	100.27 4.88 0.00	120.14 2.33 -73.44	78.63 3.42 -10.20	117.56 3.51 -40.19	77.94 3.68 0.00	85.05 3.66 0.00	113.84 4.97 0.00	166.84 7.23 0.00	195.58 7.82 0.00	175.61 6.65 0.00	169.59 6.73 0.00	152.68 6.01 0.00	158.87 3.90 0.00	129.94 2.81 0.00
GOWANUS_GT2_7 24120	71.65 3.02 0.00	61.20 2.50 0.00	60.68 2.55 0.00	60.83 2.46 0.00	60.58 2.55 0.00	58.27 2.81 0.00	55.01 2.82 0.00	70.27 3.44 0.00	83.72 3.60 -1.83	83.51 3.72 0.00	100.27 4.88 0.00	120.14 2.33 -73.44	78.63 3.42 -10.20	117.56 3.51 -40.19	77.94 3.68 0.00	85.05 3.66 0.00	113.84 4.97 0.00	166.84 7.23 0.00	195.58 7.82 0.00	175.61 6.65 0.00	169.59 6.73 0.00	152.68 6.01 0.00	158.87 3.90 0.00	129.94 2.81 0.00
GOWANUS_GT2_8 24121	71.65 3.02 0.00	61.20 2.50 0.00	60.68 2.55 0.00	60.83 2.46 0.00	60.58 2.55 0.00	58.27 2.81 0.00	55.01 2.82 0.00	70.27 3.44 0.00	83.72 3.60 -1.83	83.51 3.72 0.00	100.27 4.88 0.00	120.14 2.33 -73.44	78.63 3.42 -10.20	117.56 3.51 -40.19	77.94 3.68 0.00	85.05 3.66 0.00	113.84 4.97 0.00	166.84 7.23 0.00	195.58 7.82 0.00	175.61 6.65 0.00	169.59 6.73 0.00	152.68 6.01 0.00	158.87 3.90 0.00	129.94 2.81 0.00
GOWANUS_GT3_1 24122	71.65 3.02 0.00	61.20 2.50 0.00	60.68 2.55 0.00	60.83 2.46 0.00	60.58 2.55 0.00	58.27 2.81 0.00	55.01 2.82 0.00	70.27 3.44 0.00	83.72 3.60 -1.83	83.51 3.72 0.00	100.27 4.88 0.00	120.14 2.33 -73.44	78.63 3.42 -10.20	117.56 3.51 -40.19	77.94 3.68 0.00	85.05 3.66 0.00	113.84 4.97 0.00	166.84 7.23 0.00	195.58 7.82 0.00	175.61 6.65 0.00	169.59 6.73 0.00	152.68 6.01 0.00	158.87 3.90 0.00	129.94 2.81 0.00
GOWANUS_GT3_2 24123	71.65 3.02 0.00	61.20 2.50 0.00	60.68 2.55 0.00	60.83 2.46 0.00	60.58 2.55 0.00	58.27 2.81 0.00	55.01 2.82 0.00	70.27 3.44 0.00	83.72 3.60 -1.83	83.51 3.72 0.00	100.27 4.88 0.00	120.14 2.33 -73.44	78.63 3.42 -10.20	117.56 3.51 -40.19	77.94 3.68 0.00	85.05 3.66 0.00	113.84 4.97 0.00	166.84 7.23 0.00	195.58 7.82 0.00	175.61 6.65 0.00	169.59 6.73 0.00	152.68 6.01 0.00	158.87 3.90 0.00	129.94 2.81 0.00
GOWANUS_GT3_3 24124	71.65 3.02 0.00	61.20 2.50 0.00	60.68 2.55 0.00	60.83 2.46 0.00	60.58 2.55 0.00	58.27 2.81 0.00	55.01 2.82 0.00	70.27 3.44 0.00	83.72 3.60 -1.83	83.51 3.72 0.00	100.27 4.88 0.00	120.14 2.33 -73.44	78.63 3.42 -10.20	117.56 3.51 -40.19	77.94 3.68 0.00	85.05 3.66 0.00	113.84 4.97 0.00	166.84 7.23 0.00	195.58 7.82 0.00	175.61 6.65 0.00	169.59 6.73 0.00	152.68 6.01 0.00	158.87 3.90 0.00	129.94 2.81 0.00
GOWANUS_GT3_4 24125	71.65 3.02 0.00	61.20 2.50 0.00	60.68 2.55 0.00	60.83 2.46 0.00	60.58 2.55 0.00	58.27 2.81 0.00	55.01 2.82 0.00	70.27 3.44 0.00	83.72 3.60 -1.83	83.51 3.72 0.00	100.27 4.88 0.00	120.14 2.33 -73.44	78.63 3.42 -10.20	117.56 3.51 -40.19	77.94 3.68 0.00	85.05 3.66 0.00	113.84 4.97 0.00	166.84 7.23 0.00	195.58 7.82 0.00	175.61 6.65 0.00	169.59 6.73 0.00	152.68 6.01 0.00	158.87 3.90 0.00	129.94 2.81 0.00
GOWANUS_GT3_5 24126	71.65 3.02 0.00	61.20 2.50 0.00	60.68 2.55 0.00	60.83 2.46 0.00																				

GOWANUS_GT4_5 24134	71.65 3.02 0.00	61.20 2.49 0.00	60.67 2.55 0.00	60.83 2.46 0.00	60.59 2.56 0.00	58.28 2.82 0.00	55.01 2.82 0.00	70.28 3.46 0.00	83.72 3.60 -1.83	83.51 3.72 0.00	100.30 4.91 0.00	120.15 2.34 -73.44	78.64 3.43 -10.20	117.56 3.51 -40.19	77.94 3.67 0.00	85.06 3.67 0.00	113.85 4.98 0.00	166.90 7.30 0.00	195.59 7.84 0.00	175.59 6.64 0.00	169.59 6.73 0.00	152.67 6.00 0.00	158.87 3.90 0.00	129.95 2.83 0.00
GOWANUS_GT4_6 24135	71.65 3.02 0.00	61.20 2.49 0.00	60.67 2.55 0.00	60.83 2.46 0.00	60.59 2.56 0.00	58.28 2.82 0.00	55.01 2.82 0.00	70.28 3.46 0.00	83.72 3.60 -1.83	83.51 3.72 0.00	100.30 4.91 0.00	120.15 2.34 -73.44	78.64 3.43 -10.20	117.56 3.51 -40.19	77.94 3.67 0.00	85.06 3.67 0.00	113.85 4.98 0.00	166.90 7.30 0.00	195.59 7.84 0.00	175.59 6.64 0.00	169.59 6.73 0.00	152.67 6.00 0.00	158.87 3.90 0.00	129.95 2.83 0.00
GOWANUS_GT4_7 24136	71.65 3.02 0.00	61.20 2.49 0.00	60.67 2.55 0.00	60.83 2.46 0.00	60.59 2.56 0.00	58.28 2.82 0.00	55.01 2.82 0.00	70.28 3.46 0.00	83.72 3.60 -1.83	83.51 3.72 0.00	100.30 4.91 0.00	120.15 2.34 -73.44	78.64 3.43 -10.20	117.56 3.51 -40.19	77.94 3.67 0.00	85.06 3.67 0.00	113.85 4.98 0.00	166.90 7.30 0.00	195.59 7.84 0.00	175.59 6.64 0.00	169.59 6.73 0.00	152.67 6.00 0.00	158.87 3.90 0.00	129.95 2.83 0.00
GOWANUS_GT4_8 24137	71.65 3.02 0.00	61.20 2.49 0.00	60.67 2.55 0.00	60.83 2.46 0.00	60.59 2.56 0.00	58.28 2.82 0.00	55.01 2.82 0.00	70.28 3.46 0.00	83.72 3.60 -1.83	83.51 3.72 0.00	100.30 4.91 0.00	120.15 2.34 -73.44	78.64 3.43 -10.20	117.56 3.51 -40.19	77.94 3.67 0.00	85.06 3.67 0.00	113.85 4.98 0.00	166.90 7.30 0.00	195.59 7.84 0.00	175.59 6.64 0.00	169.59 6.73 0.00	152.67 6.00 0.00	158.87 3.90 0.00	129.95 2.83 0.00
GREATVR_69_KV_BK1 356245	74.35 5.72 0.00	63.14 4.43 0.00	62.56 4.43 0.00	62.57 4.21 0.00	62.36 4.33 0.00	60.16 4.70 0.00	100.95 4.86 -43.90	79.70 6.28 -6.59	87.09 6.98 -1.82	115.14 7.31 -28.04	126.28 9.06 -21.83	124.25 3.87 -76.02	80.19 5.06 -10.12	119.51 5.76 -39.88	80.79 6.52 0.00	111.95 7.26 -23.30	132.10 9.93 -13.30	191.74 13.65 -18.48	221.51 15.22 -18.53	207.99 13.13 -25.91	195.49 12.96 -19.67	182.85 11.93 -24.25	166.01 9.57 -1.47	134.02 6.92 0.02
GREENBSH_115KV_TB3 55895	71.11 2.48 0.00	60.80 2.10 0.00	60.23 2.11 0.00	60.46 2.09 0.00	60.09 2.05 0.00	57.18 1.73 0.00	53.43 1.25 0.00	68.56 1.73 0.00	80.24 1.96 0.00	81.85 2.07 0.00	98.40 3.01 0.00	45.78 1.41 0.00	66.95 1.94 0.00	76.07 2.20 0.00	76.36 2.09 0.00	83.67 2.28 0.00	112.16 3.29 0.00	163.79 4.18 0.00	191.72 3.96 0.00	172.52 3.56 0.00	166.02 3.17 0.00	150.03 3.35 0.00	158.17 3.20 0.00	130.81 3.68 0.00
GREENDGE_115KV_TB5 80291	66.70 -1.93 0.00	57.12 -1.58 0.00	56.64 -1.49 0.00	56.96 -1.41 0.00	56.72 -1.31 0.00	54.02 -1.44 0.00	50.68 -1.48 0.03	61.07 -4.30 1.45	70.88 -5.14 2.27	70.25 -5.82 3.72	134.16 -6.17 -44.94	56.34 -3.35 -15.32	59.52 -4.42 1.08	65.90 -5.59 2.39	70.18 -3.76 0.33	78.72 -2.67 0.00	106.89 -1.98 0.00	159.47 -0.14 0.00	191.57 3.81 0.00	173.35 4.40 0.00	167.74 4.88 0.00	150.50 3.83 0.00	159.77 4.81 0.00	130.50 3.38 0.00
GREENIDGE___3 23582	66.70 -1.93 0.00	57.12 -1.58 0.00	56.64 -1.49 0.00	56.96 -1.41 0.00	56.72 -1.31 0.00	54.02 -1.44 0.00	50.68 -1.48 0.03	61.07 -4.30 1.45	70.88 -5.14 2.27	70.25 -5.82 3.72	134.16 -6.17 -44.94	56.34 -3.35 -15.32	59.52 -4.42 1.08	65.90 -5.59 2.39	70.18 -3.76 0.33	78.72 -2.67 0.00	106.89 -1.98 0.00	159.47 -0.14 0.00	191.57 3.81 0.00	173.35 4.40 0.00	167.74 4.88 0.00	150.50 3.83 0.00	159.77 4.81 0.00	130.50 3.38 0.00
GREENIDGE___4 23583	66.71 -1.93 0.00	57.12 -1.58 0.00	56.64 -1.49 0.00	56.96 -1.41 0.00	56.73 -1.30 0.00	54.02 -1.44 0.00	50.68 -1.48 0.03	61.08 -4.30 1.45	70.89 -5.13 2.27	70.26 -5.81 3.72	134.14 -6.19 -44.94	56.34 -3.35 -15.32	59.53 -4.41 1.07	65.92 -5.57 2.38	70.17 -3.77 0.33	78.72 -2.67 0.00	106.91 -1.96 0.00	173.87 -0.14 -14.40	225.20 3.78 -33.67	173.35 4.39 0.00	167.75 4.89 0.00	150.51 3.84 0.00	159.77 4.80 0.00	130.52 3.39 0.00
GREENLWN_69_KV_BK 3 55738	73.46 4.83 0.00	62.44 3.73 0.00	61.86 3.74 0.00	61.88 3.51 0.00	61.68 3.64 0.00	59.45 3.99 0.00	99.63 4.11 -43.33	78.72 5.30 -6.59	85.98 5.88 -1.82	113.96 6.14 -28.04	124.90 7.68 -21.83	123.72 3.34 -76.02	79.56 4.43 -10.12	118.74 4.99 -39.88	79.90 5.62 0.00	110.82 6.14 -23.30	129.93 7.76 -13.30	146.52 9.86 22.94	162.53 10.77 36.01	148.89 9.36 29.42	147.57 9.35 24.64	136.96 8.68 18.40	146.55 6.01 14.42	131.63 4.71 0.20
GREENWD_138_KV_38B11_REV_LBMP_J 345004	71.65 3.02 0.00	61.20 2.49 0.00	60.67 2.55 0.00	60.83 2.46 0.00	60.59 2.56 0.00	58.28 2.82 0.00	55.01 2.82 0.00	70.28 3.46 0.00	83.72 3.60 -1.83	83.51 3.72 0.00	100.30 4.91 0.00	120.15 2.34 -73.44	78.64 3.43 -10.20	117.56 3.51 -40.19	77.94 3.67 0.00	85.06 3.67 0.00	113.85 4.98 0.00	166.90 7.30 0.00	195.59 7.84 0.00	175.59 6.64 0.00	169.59 6.73 0.00	152.67 6.00 0.00	158.87 3.90 0.00	129.95 2.83 0.00
GRISSOM___SOLAR 323813	71.07 2.43 0.00	60.76 2.05 0.00	60.10 1.97 0.00	60.35 1.98 0.00	60.06 2.02 0.00	57.45 1.98 0.00	54.32 2.13 0.00	69.90 3.07 0.00	81.72 3.44 0.00	82.98 3.19 0.00	98.45 3.05 0.00	45.64 1.27 0.00	66.82 1.81 0.00	76.27 2.40 0.00	76.81 2.54 0.00	84.49 3.10 0.00	113.64 4.77 0.00	167.13 7.52 0.00	196.68 8.92 0.00	176.96 8.01 0.00	170.59 7.73 0.00	153.55 6.87 0.00	162.10 7.13 0.00	132.60 5.48 0.00
GROVEVILLE___HYD 323602	72.10 3.47 0.00	61.60 2.90 0.00	61.04 2.91 0.00	61.23 2.86 0.00	60.95 2.92 0.00	58.48 3.02 0.00	55.20 3.01 0.00	70.75 3.92 0.00	82.65 4.36 0.00	84.29 4.50 0.00	101.20 5.81 0.00	47.02 2.66 0.00	68.77 3.76 0.00	78.03 4.15 0.00	78.38 4.11 0.00	85.81 4.42 0.00	115.15 6.28 0.00	168.71 9.11 0.00	197.92 10.17 0.00	177.89 8.94 0.00	171.63 8.77 0.00	154.63 7.95 0.00	161.57 6.60 0.00	132.16 5.04 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	67.10 -1.53 0.00	57.41 -1.29 0.00	56.85 -1.28 0.00	57.11 -1.26 0.00	56.82 -1.21 0.00	54.26 -1.20 0.00	51.06 -1.12 0.02	63.93 -2.10 0.80	74.60 -2.44 1.25	75.19 -2.55 2.05	88.73 -3.14 3.52	42.11 -1.52 0.74	62.33 -2.09 0.59	70.01 -2.55 1.31	72.33 -1.76 0.18	79.83 -1.56 0.00	107.25 -1.62 0.00	157.70 -1.91 0.00	186.13 -1.63 0.00	167.38 -1.57 0.00	161.46 -1.40 0.00	145.08 -1.60 0.00	153.38 -1.59 0.00	125.52 -1.60 0.00
HAMLTNNY_34_KV_TB 80303	67.37 -1.26 0.00	57.60 -1.10 0.00	57.04 -1.09 0.00	57.30 -1.06 0.00	57.02 -1.01 0.00	54.41 -1.06 0.00	51.20 -0.97 0.02	64.03 -1.98 0.83	74.63 -2.36 1.29	75.14 -2.52 2.12	88.62 -3.12 3.65	42.03 -1.57 0.77	62.33 -2.07 0.61	69.96 -2.56 1.36	72.46 -1.62 0.18	80.08 -1.31 0.00	107.74 -1.13 0.00	158.50 -1.11 0.00	187.23 -0.53 0.00	168.35 -0.60 0.00	162.40 -0.45 0.00	145.75 -0.93 0.00	154.23 -0.73 0.00	126.14 -0.98 0.00

HAMPSHIRE___PAPER_HYD 323593	67.57 -1.06 0.00	57.74 -0.96 0.00	57.09 -1.04 0.00	57.30 -1.07 0.00	57.03 -1.01 0.00	54.91 -0.55 0.00	52.05 -0.13 0.00	66.98 0.16 0.00	79.21 0.93 0.00	80.86 1.08 0.00	95.77 0.38 0.00	44.24 -0.12 0.00	64.69 -0.32 0.00	74.49 0.62 0.00	73.61 -0.66 0.00	79.71 -1.68 0.00	106.52 -2.35 0.00	156.90 -2.71 0.00	186.16 -1.60 0.00	169.63 0.68 0.00	165.04 2.19 0.00	148.86 2.18 0.00	158.90 3.94 0.00	130.15 3.03 0.00
HARDSCRABBLE_WT_PWR 323673	72.58 3.95 0.00	62.02 3.32 0.00	61.34 3.21 0.00	61.73 3.36 0.00	61.30 3.27 0.00	58.27 2.81 0.00	54.83 2.64 0.00	70.25 3.42 0.00	81.95 3.66 0.00	83.04 3.25 0.00	99.42 4.03 0.00	46.08 1.71 0.00	67.38 2.37 0.00	76.46 2.59 0.00	77.40 3.13 0.00	85.50 4.10 0.00	114.91 6.04 0.00	169.40 9.79 0.00	198.93 11.17 0.00	178.81 9.86 0.00	172.31 9.45 0.00	156.09 9.41 0.00	165.13 10.17 0.00	135.59 8.46 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	71.33 2.70 0.00	60.89 2.19 0.00	60.38 2.25 0.00	60.56 2.20 0.00	60.29 2.26 0.00	57.88 2.42 0.00	54.65 2.46 0.00	69.98 3.15 0.00	79.37 3.46 2.37	83.40 3.61 0.00	100.10 4.71 0.00	-48.24 2.17 94.78	54.86 3.01 13.16	25.32 3.31 51.86	77.50 3.23 0.00	84.90 3.51 0.00	113.85 4.98 0.00	166.86 7.26 0.00	195.70 7.94 0.00	175.86 6.91 0.00	169.79 6.93 0.00	152.93 6.25 0.00	159.61 4.64 0.00	130.59 3.46 0.00
HARSNRAD_115KV_TB1 81005	62.67 -5.96 0.00	53.52 -5.18 0.00	52.82 -5.31 0.00	53.29 -5.08 0.00	52.83 -5.21 0.00	49.77 -5.69 0.00	45.88 -6.28 0.03	56.55 -8.93 1.35	65.98 -10.20 2.10	65.40 -10.94 3.45	61.39 -13.04 20.95	32.14 -6.10 6.13	55.50 -8.51 1.00	61.67 -9.98 2.21	65.59 -8.38 0.30	72.46 -8.93 0.00	98.60 -10.27 0.00	147.86 -11.75 0.00	176.54 -11.22 0.00	157.95 -11.01 0.00	151.76 -11.10 0.00	135.41 -11.27 0.00	146.12 -8.84 0.00	120.64 -6.48 0.00
HARZA MOOSE___RIVER 24016	68.91 0.28 0.00	58.74 0.03 0.00	58.05 -0.08 0.00	58.23 -0.14 0.00	58.09 0.06 0.00	56.24 0.78 0.00	53.83 1.64 0.00	69.14 2.31 0.00	81.84 3.55 0.00	83.47 3.69 0.00	98.36 2.97 0.00	45.35 0.98 0.00	66.33 1.32 0.00	77.03 3.16 0.00	76.13 1.86 0.00	82.41 1.02 0.00	111.01 2.14 0.00	163.54 3.93 0.00	194.60 6.84 0.00	177.60 8.65 0.00	173.16 10.30 0.00	155.93 9.25 0.00	164.84 9.87 0.00	134.41 7.29 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	66.71 -1.92 0.00	57.07 -1.63 0.00	56.51 -1.62 0.00	56.77 -1.60 0.00	56.47 -1.56 0.00	53.93 -1.53 0.00	50.72 -1.44 0.03	62.95 -2.50 1.38	73.22 -2.91 2.16	73.23 -3.02 3.54	85.63 -3.68 6.09	41.33 -1.75 1.28	61.55 -2.44 1.02	68.72 -2.88 2.27	71.80 -2.17 0.31	79.35 -2.04 0.00	106.58 -2.28 0.00	156.60 -3.01 0.00	184.81 -2.95 0.00	166.20 -2.76 0.00	160.20 -2.66 0.00	144.01 -2.66 0.00	152.22 -2.75 0.00	124.70 -2.42 0.00
HELLGATE_13_KV_LD 55870	71.85 3.22 0.00	61.37 2.67 0.00	60.85 2.72 0.00	60.99 2.62 0.00	60.74 2.71 0.00	58.42 2.96 0.00	55.15 2.96 0.00	70.56 3.73 0.00	84.14 4.03 -1.83	84.05 4.26 0.00	101.17 5.78 0.00	120.52 2.71 -73.44	79.06 3.85 -10.20	118.10 4.05 -40.19	78.45 4.18 0.00	85.69 4.30 0.00	114.73 5.86 0.00	168.05 8.44 0.00	196.91 9.15 0.00	176.62 7.67 0.00	170.42 7.56 0.00	153.48 6.81 0.00	159.84 4.87 0.00	130.81 3.68 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	71.85 3.22 0.00	61.37 2.67 0.00	60.85 2.72 0.00	60.99 2.62 0.00	60.74 2.71 0.00	58.42 2.96 0.00	55.15 2.96 0.00	70.56 3.73 0.00	84.14 4.03 -1.83	84.05 4.26 0.00	101.17 5.78 0.00	120.52 2.71 -73.44	79.06 3.85 -10.20	118.10 4.05 -40.19	78.45 4.18 0.00	85.69 4.30 0.00	114.73 5.86 0.00	168.05 8.44 0.00	196.91 9.15 0.00	176.62 7.67 0.00	170.42 7.56 0.00	153.48 6.81 0.00	159.84 4.87 0.00	130.81 3.68 0.00
HEMPSTEAD____ 23647	72.30 3.67 0.00	61.56 2.86 0.00	61.01 2.88 0.00	61.15 2.79 0.00	60.91 2.88 0.00	58.63 3.17 0.00	119.68 3.17 -64.32	77.52 4.11 -6.59	84.67 4.56 -1.82	112.64 4.81 -28.04	123.22 6.00 -21.83	123.08 2.70 -76.02	78.83 3.69 -10.12	117.88 4.14 -39.88	78.75 4.48 0.00	109.51 4.83 -23.30	128.67 6.50 -13.30	168.42 8.81 0.00	197.35 9.59 0.00	177.33 8.38 0.00	171.18 8.32 0.00	154.55 7.88 0.00	160.42 5.45 0.00	131.25 4.13 0.00
HICKLING___1 23621	65.52 -3.11 0.00	56.17 -2.53 0.00	55.70 -2.43 0.00	55.99 -2.37 0.00	55.77 -2.26 0.00	53.03 -2.43 0.00	49.61 -2.55 0.03	60.10 -5.26 1.48	69.78 -6.19 2.31	69.15 -6.85 3.78	100.51 -8.15 -13.27	45.27 -4.15 -5.05	58.31 -5.60 1.09	64.55 -6.90 2.43	68.81 -5.13 0.33	76.99 -4.40 0.00	104.26 -4.61 0.00	154.88 -4.72 0.00	185.86 -1.90 0.00	168.04 -0.92 0.00	162.66 -0.20 0.00	146.01 -0.66 0.00	155.39 0.43 0.00	127.13 0.00 0.00
HICKLING___2 23622	65.52 -3.11 0.00	56.17 -2.53 0.00	55.70 -2.43 0.00	55.99 -2.37 0.00	55.77 -2.26 0.00	53.03 -2.43 0.00	49.61 -2.55 0.03	60.10 -5.26 1.48	69.78 -6.19 2.31	69.15 -6.85 3.78	100.51 -8.15 -13.27	45.27 -4.15 -5.05	58.31 -5.60 1.09	64.55 -6.90 2.43	68.81 -5.13 0.33	76.99 -4.40 0.00	104.26 -4.61 0.00	154.88 -4.72 0.00	185.86 -1.90 0.00	168.04 -0.92 0.00	162.66 -0.20 0.00	146.01 -0.66 0.00	155.39 0.43 0.00	127.13 0.00 0.00
HIGH FALLS___HY 23754	71.76 3.13 0.00	61.29 2.59 0.00	60.77 2.64 0.00	60.96 2.60 0.00	60.71 2.67 0.00	58.30 2.84 0.00	55.18 2.99 0.00	70.74 3.91 0.00	82.63 4.34 0.00	84.26 4.47 0.00	101.13 5.74 0.00	46.93 2.57 0.00	68.67 3.67 0.00	77.86 3.99 0.00	78.10 3.82 0.00	85.69 4.30 0.00	115.09 6.23 0.00	168.82 9.21 0.00	198.21 10.45 0.00	178.13 9.18 0.00	171.98 9.12 0.00	154.76 8.09 0.00	161.49 6.53 0.00	131.75 4.63 0.00
HIGH_RIVER___SOLAR 323847	70.66 2.02 0.00	60.41 1.70 0.00	59.75 1.63 0.00	60.02 1.65 0.00	59.75 1.72 0.00	57.13 1.67 0.00	53.96 1.77 0.00	69.38 2.55 0.00	81.19 2.90 0.00	82.35 2.56 0.00	97.95 2.56 0.00	45.52 1.16 0.00	66.70 1.68 0.00	75.70 1.83 0.00	76.36 2.09 0.00	83.84 2.45 0.00	112.79 3.92 0.00	165.76 6.15 0.00	195.03 7.28 0.00	175.50 6.54 0.00	169.24 6.38 0.00	152.33 5.66 0.00	160.79 5.82 0.00	131.58 4.46 0.00
HILLBURN___GT 23639	71.03 2.40 0.00	60.63 1.93 0.00	60.13 2.00 0.00	60.31 1.94 0.00	60.04 2.00 0.00	57.66 2.20 0.00	54.45 2.25 0.00	69.67 2.84 0.00	78.57 3.02 2.74	82.94 3.15 0.00	99.61 4.22 0.00	-63.29 1.95 109.60	52.53 2.75 15.22	16.83 2.93 59.97	77.16 2.90 0.00	84.45 3.06 0.00	113.16 4.29 0.00	165.75 6.14 0.00	194.37 6.61 0.00	174.62 5.67 0.00	168.71 5.85 0.00	151.96 5.29 0.00	158.42 3.45 0.00	129.67 2.55 0.00
HILLSIDE_115KV_TB1 80332	65.01 -3.62 0.00	55.78 -2.93 0.00	55.33 -2.79 0.00	55.58 -2.79 0.00	55.36 -2.67 0.00	52.64 -2.82 0.00	49.21 -2.95 0.03	59.49 -5.86 1.48	69.15 -6.81 2.32	68.61 -7.37 3.80	96.17 -8.69 -9.47	43.80 -4.39 -3.82	58.05 -5.86 1.10	64.25 -7.18 2.44	68.57 -5.36 0.34	76.63 -4.76 0.00	103.45 -5.42 0.00	152.92 -6.69 0.00	182.85 -4.91 0.00	165.13 -3.82 0.00	159.95 -2.91 0.00	143.65 -3.02 0.00	152.82 -2.15 0.00	124.91 -2.21 0.00

HISHELDN_WT_PWR 323625	62.64 -5.99 0.00	53.59 -5.11 0.00	53.06 -5.07 0.00	53.59 -4.77 0.00	53.25 -4.78 0.00	50.32 -5.14 0.00	46.66 -5.50 0.03	57.21 -8.23 1.39	66.57 -9.55 2.17	65.64 -10.60 3.55	28.36 -12.97 54.06	21.35 -6.15 16.86	55.32 -8.66 1.03	61.36 -10.23 2.28	65.19 -8.77 0.31	72.69 -8.70 0.00	99.56 -9.31 0.00	139.20 -9.22 11.19	154.86 -6.73 26.17	162.87 -6.08 0.00	157.13 -5.73 0.00	140.49 -6.18 0.00	150.84 -4.12 0.00	124.02 -3.11 0.00
HOLTSVILLE_IC_1 23690	73.51 4.88 0.00	62.44 3.74 0.00	61.89 3.76 0.00	61.87 3.50 0.00	61.63 3.60 0.00	59.45 3.98 0.00	98.10 4.15 -41.76	78.79 5.37 -6.59	86.00 5.89 -1.82	113.92 6.10 -28.04	125.03 7.81 -21.83	123.69 3.31 -76.02	79.34 4.20 -10.12	118.49 4.74 -39.88	79.76 5.49 0.00	110.74 6.06 -23.30	130.36 8.19 -13.30	216.07 11.15 -45.30	248.48 12.33 -48.39	242.63 10.78 -62.90	221.76 10.62 -48.28	213.31 9.86 -56.78	168.77 7.32 -6.48	132.63 5.52 0.01
HOLTSVILLE_IC_10 23699	73.93 5.29 0.00	62.77 4.06 0.00	62.21 4.08 0.00	62.17 3.80 0.00	61.94 3.91 0.00	59.74 4.28 0.00	98.97 4.49 -42.28	79.21 5.79 -6.59	86.49 6.38 -1.82	114.46 6.63 -28.04	125.66 8.44 -21.83	123.94 3.56 -76.02	79.66 4.52 -10.12	118.85 5.10 -39.88	80.13 5.86 0.00	111.17 6.48 -23.30	130.95 8.78 -13.30	213.93 12.13 -42.20	245.63 13.77 -44.10	239.79 12.04 -58.80	219.68 11.86 -44.96	211.42 10.97 -53.77	168.51 8.44 -5.10	133.43 6.33 0.02
HOLTSVILLE_IC_2 23691	73.51 4.88 0.00	62.44 3.74 0.00	61.89 3.76 0.00	61.87 3.50 0.00	61.63 3.60 0.00	59.45 3.98 0.00	98.10 4.15 -41.76	78.79 5.37 -6.59	86.00 5.89 -1.82	113.92 6.10 -28.04	125.03 7.81 -21.83	123.69 3.31 -76.02	79.34 4.20 -10.12	118.49 4.74 -39.88	79.76 5.49 0.00	110.74 6.06 -23.30	130.36 8.19 -13.30	216.07 11.15 -45.30	248.48 12.33 -48.39	242.63 10.78 -62.90	221.76 10.62 -48.28	213.31 9.86 -56.78	168.77 7.32 -6.48	132.63 5.52 0.01
HOLTSVILLE_IC_3 23692	73.51 4.88 0.00	62.44 3.74 0.00	61.89 3.76 0.00	61.87 3.50 0.00	61.63 3.60 0.00	59.45 3.98 0.00	98.10 4.15 -41.76	78.79 5.37 -6.59	86.00 5.89 -1.82	113.92 6.10 -28.04	125.03 7.81 -21.83	123.69 3.31 -76.02	79.34 4.20 -10.12	118.49 4.74 -39.88	79.76 5.49 0.00	110.74 6.06 -23.30	130.36 8.19 -13.30	216.07 11.15 -45.30	248.48 12.33 -48.39	242.63 10.78 -62.90	221.76 10.62 -48.28	213.31 9.86 -56.78	168.77 7.32 -6.48	132.63 5.52 0.01
HOLTSVILLE_IC_4 23693	73.51 4.88 0.00	62.44 3.74 0.00	61.89 3.76 0.00	61.87 3.50 0.00	61.63 3.60 0.00	59.45 3.98 0.00	98.10 4.15 -41.76	78.79 5.37 -6.59	86.00 5.89 -1.82	113.92 6.10 -28.04	125.03 7.81 -21.83	123.69 3.31 -76.02	79.34 4.20 -10.12	118.49 4.74 -39.88	79.76 5.49 0.00	110.74 6.06 -23.30	130.36 8.19 -13.30	216.07 11.15 -45.30	248.48 12.33 -48.39	242.63 10.78 -62.90	221.76 10.62 -48.28	213.31 9.86 -56.78	168.77 7.32 -6.48	132.63 5.52 0.01
HOLTSVILLE_IC_5 23694	73.51 4.88 0.00	62.44 3.74 0.00	61.89 3.76 0.00	61.87 3.50 0.00	61.63 3.60 0.00	59.45 3.98 0.00	98.10 4.15 -41.76	78.79 5.37 -6.59	86.00 5.89 -1.82	113.92 6.10 -28.04	125.03 7.81 -21.83	123.69 3.31 -76.02	79.34 4.20 -10.12	118.49 4.74 -39.88	79.76 5.49 0.00	110.74 6.06 -23.30	130.36 8.19 -13.30	216.07 11.15 -45.30	248.48 12.33 -48.39	242.63 10.78 -62.90	221.76 10.62 -48.28	213.31 9.86 -56.78	168.77 7.32 -6.48	132.63 5.52 0.01
HOLTSVILLE_IC_6 23695	73.93 5.29 0.00	62.77 4.06 0.00	62.21 4.08 0.00	62.17 3.80 0.00	61.94 3.91 0.00	59.74 4.28 0.00	98.97 4.49 -42.28	79.21 5.79 -6.59	86.49 6.38 -1.82	114.46 6.63 -28.04	125.66 8.44 -21.83	123.94 3.56 -76.02	79.66 4.52 -10.12	118.85 5.10 -39.88	80.13 5.86 0.00	111.17 6.48 -23.30	130.95 8.78 -13.30	213.93 12.13 -42.20	245.63 13.77 -44.10	239.79 12.04 -58.80	219.68 11.86 -44.96	211.42 10.97 -53.77	168.51 8.44 -5.10	133.43 6.33 0.02
HOLTSVILLE_IC_7 23696	73.93 5.29 0.00	62.77 4.06 0.00	62.21 4.08 0.00	62.17 3.80 0.00	61.94 3.91 0.00	59.74 4.28 0.00	98.97 4.49 -42.28	79.21 5.79 -6.59	86.49 6.38 -1.82	114.46 6.63 -28.04	125.66 8.44 -21.83	123.94 3.56 -76.02	79.66 4.52 -10.12	118.85 5.10 -39.88	80.13 5.86 0.00	111.17 6.48 -23.30	130.95 8.78 -13.30	213.93 12.13 -42.20	245.63 13.77 -44.10	239.79 12.04 -58.80	219.68 11.86 -44.96	211.42 10.97 -53.77	168.51 8.44 -5.10	133.43 6.33 0.02
HOLTSVILLE_IC_8 23697	73.93 5.29 0.00	62.77 4.06 0.00	62.21 4.08 0.00	62.17 3.80 0.00	61.94 3.91 0.00	59.74 4.28 0.00	98.97 4.49 -42.28	79.21 5.79 -6.59	86.49 6.38 -1.82	114.46 6.63 -28.04	125.66 8.44 -21.83	123.94 3.56 -76.02	79.66 4.52 -10.12	118.85 5.10 -39.88	80.13 5.86 0.00	111.17 6.48 -23.30	130.95 8.78 -13.30	213.93 12.13 -42.20	245.63 13.77 -44.10	239.79 12.04 -58.80	219.68 11.86 -44.96	211.42 10.97 -53.77	168.51 8.44 -5.10	133.43 6.33 0.02
HOLTSVILLE_IC_9 23698	73.93 5.29 0.00	62.77 4.06 0.00	62.21 4.08 0.00	62.17 3.80 0.00	61.94 3.91 0.00	59.74 4.28 0.00	98.97 4.49 -42.28	79.21 5.79 -6.59	86.49 6.38 -1.82	114.46 6.63 -28.04	125.66 8.44 -21.83	123.94 3.56 -76.02	79.66 4.52 -10.12	118.85 5.10 -39.88	80.13 5.86 0.00	111.17 6.48 -23.30	130.95 8.78 -13.30	213.93 12.13 -42.20	245.63 13.77 -44.10	239.79 12.04 -58.80	219.68 11.86 -44.96	211.42 10.97 -53.77	168.51 8.44 -5.10	133.43 6.33 0.02
HOMER_HL_115KV_TB2 355744	64.74 -3.89 0.00	55.46 -3.24 0.00	54.97 -3.16 0.00	55.40 -2.97 0.00	55.19 -2.84 0.00	52.24 -3.22 0.00	48.29 -3.87 0.03	59.17 -6.26 1.39	69.28 -6.83 2.18	68.81 -7.41 3.57	66.30 -8.56 20.53	34.25 -4.15 5.97	58.43 -5.55 1.03	64.85 -6.74 2.29	68.65 -5.30 0.31	76.01 -5.38 0.00	103.39 -5.48 0.00	154.12 -5.48 0.00	184.80 -2.95 0.00	166.09 -2.86 0.00	160.78 -2.08 0.00	144.04 -2.63 0.00	154.57 -0.39 0.00	126.20 -0.92 0.00
HOWARD_WT_PWR 323690	62.11 -6.52 0.00	53.22 -5.48 0.00	52.68 -5.45 0.00	53.11 -5.26 0.00	52.83 -5.20 0.00	50.03 -5.43 0.00	46.73 -5.43 0.03	56.58 -8.81 1.43	65.51 -10.53 2.24	64.51 -11.60 3.68	159.48 -14.35 -78.44	63.44 -7.12 -26.19	53.70 -10.25 1.06	59.19 -12.32 2.36	63.06 -10.88 0.33	70.71 -10.67 0.00	97.21 -11.66 0.00	158.91 -10.75 -10.04	206.50 -4.74 -23.48	167.29 -1.67 0.00	162.98 0.13 0.00	146.69 0.01 0.00	156.52 1.55 0.00	128.29 1.17 0.00
HQ_GEN_CEDARS 23644	69.31 0.67 0.00	59.32 0.62 0.00	58.68 0.55 0.00	58.92 0.55 0.00	58.56 0.53 0.00	56.07 0.61 0.00	52.65 0.46 0.00	67.65 0.82 0.00	79.43 1.14 0.00	81.03 1.25 0.00	96.76 1.37 0.00	45.05 0.69 0.00	65.89 0.88 0.00	74.82 0.95 0.00	75.04 0.77 0.00	82.13 0.74 0.00	109.08 0.21 0.00	160.01 0.40 0.00	188.30 0.54 0.00	169.72 0.77 0.00	163.36 0.51 0.00	146.97 0.30 0.00	156.50 1.53 0.00	128.53 1.41 0.00
HQ_GEN_CEDARS_PROXY 323590	69.30 0.67 0.00	59.33 0.62 0.00	58.68 0.55 0.00	58.92 0.55 0.00	58.56 0.53 0.00	56.07 0.61 0.00	52.65 0.46 0.00	67.66 0.83 0.00	79.42 1.13 0.00	81.04 1.25 0.00	96.76 1.37 0.00	45.04 0.68 0.00	65.89 0.88 0.00	74.82 0.94 0.00	75.04 0.77 0.00	78.29 0.74 3.83	109.08 0.21 0.00	159.99 0.38 0.00	188.30 0.54 0.00	169.72 0.77 0.00	163.36 0.51 0.00	146.97 0.30 0.00	156.50 1.53 0.00	128.54 1.41 0.00

HQ_GEN_IMPORT 323601	68.95 0.32 0.00	58.98 0.28 0.00	58.37 0.24 0.00	58.61 0.24 0.00	58.26 0.22 0.00	55.75 0.29 0.00	52.40 0.21 0.00	67.22 0.40 0.00	78.80 0.51 0.00	80.36 0.57 0.00	95.98 0.58 0.00	44.67 0.30 0.00	65.45 0.44 0.00	74.33 0.46 0.00	74.71 0.44 0.00	81.87 0.48 0.00	108.99 0.13 0.00	159.75 0.14 0.00	187.94 0.18 0.00	169.22 0.27 0.00	162.95 0.09 0.00	143.67 0.00 3.00	155.47 0.51 0.00	127.56 0.44 0.00
HQ_GEN_WHEEL 23651	68.95 0.32 0.00	58.98 0.28 0.00	58.37 0.24 0.00	58.61 0.24 0.00	58.26 0.22 0.00	55.75 0.29 0.00	52.40 0.21 0.00	67.22 0.40 0.00	78.80 0.51 0.00	80.36 0.57 0.00	95.98 0.58 0.00	44.67 0.30 0.00	65.45 0.44 0.00	74.33 0.46 0.00	74.71 0.44 0.00	81.87 0.48 0.00	108.99 0.13 0.00	159.75 0.14 0.00	187.94 0.18 0.00	169.22 0.27 0.00	162.95 0.09 0.00	143.67 0.00 3.00	155.47 0.51 0.00	127.56 0.44 0.00
HUDSON AVE_GT_3 23810	71.59 2.96 0.00	61.11 2.40 0.00	60.60 2.47 0.00	60.77 2.41 0.00	60.54 2.51 0.00	58.18 2.72 0.00	54.95 2.77 0.00	70.31 3.48 0.00	83.94 3.82 -1.84	83.77 3.99 0.00	100.69 5.30 0.00	120.44 2.50 -73.58	78.77 3.54 -10.22	117.91 3.78 -40.26	78.11 3.84 0.00	85.41 4.02 0.00	114.39 5.52 0.00	167.45 7.84 0.00	196.16 8.40 0.00	176.11 7.16 0.00	169.92 7.06 0.00	153.04 6.37 0.00	159.41 4.45 0.00	130.42 3.30 0.00
HUDSON AVE_GT_4 23540	71.59 2.96 0.00	61.11 2.40 0.00	60.60 2.47 0.00	60.77 2.41 0.00	60.54 2.51 0.00	58.18 2.72 0.00	54.95 2.77 0.00	70.31 3.48 0.00	83.94 3.82 -1.84	83.77 3.99 0.00	100.69 5.30 0.00	120.44 2.50 -73.58	78.77 3.54 -10.22	117.91 3.78 -40.26	78.11 3.84 0.00	85.41 4.02 0.00	114.39 5.52 0.00	167.45 7.84 0.00	196.16 8.40 0.00	176.11 7.16 0.00	169.92 7.06 0.00	153.04 6.37 0.00	159.41 4.45 0.00	130.42 3.30 0.00
HUDSON AVE_GT_5 23657	71.59 2.96 0.00	61.11 2.40 0.00	60.60 2.47 0.00	60.77 2.41 0.00	60.54 2.51 0.00	58.18 2.72 0.00	54.95 2.77 0.00	70.31 3.48 0.00	83.94 3.82 -1.84	83.77 3.99 0.00	100.69 5.30 0.00	120.44 2.50 -73.58	78.77 3.54 -10.22	117.91 3.78 -40.26	78.11 3.84 0.00	85.41 4.02 0.00	114.39 5.52 0.00	167.45 7.84 0.00	196.16 8.40 0.00	176.11 7.16 0.00	169.92 7.06 0.00	153.04 6.37 0.00	159.41 4.45 0.00	130.42 3.30 0.00
HUDSON_AVE_10 24168	71.20 2.57 0.00	60.80 2.10 0.00	60.31 2.18 0.00	60.49 2.12 0.00	60.20 2.17 0.00	57.84 2.39 0.01	54.72 2.53 0.00	69.98 3.16 0.00	83.55 3.43 -1.84	83.32 3.54 0.00	100.31 4.92 0.00	120.23 2.29 -73.58	78.44 3.21 -10.22	117.50 3.37 -40.26	77.71 3.44 0.00	84.99 3.59 0.00	113.83 4.96 0.00	166.62 7.02 0.00	195.12 7.36 0.00	175.19 6.23 0.00	169.04 6.18 0.00	152.27 5.60 0.00	158.69 3.72 0.00	129.86 2.74 0.00
HUDSON___115KV_TB 4 355613	72.71 4.08 0.00	62.17 3.46 0.00	61.55 3.42 0.00	61.78 3.41 0.00	61.39 3.36 0.00	58.44 2.98 0.00	54.67 2.48 0.00	70.21 3.39 0.00	82.21 3.93 0.00	83.82 4.03 0.00	100.60 5.21 0.00	46.72 2.36 0.00	68.34 3.33 0.00	77.51 3.64 0.00	77.96 3.70 0.00	85.69 4.30 0.00	115.30 6.44 0.00	168.65 9.04 0.00	197.70 9.94 0.00	177.77 8.82 0.00	171.08 8.22 0.00	154.34 7.67 0.00	162.64 7.67 0.00	134.14 7.02 0.00
HUNTER MOUNT___DRP 323613	73.14 4.51 0.00	62.55 3.85 0.00	61.92 3.79 0.00	62.15 3.79 0.00	61.77 3.74 0.00	58.79 3.33 0.00	55.06 2.87 0.00	70.77 3.95 0.00	82.91 4.62 0.00	84.48 4.69 0.00	101.35 5.96 0.00	47.04 2.67 0.00	68.77 3.76 0.00	78.05 4.18 0.00	78.54 4.27 0.00	86.38 4.99 0.00	116.38 7.51 0.00	170.30 10.69 0.00	199.78 12.02 0.00	179.61 10.66 0.00	172.75 9.90 0.00	155.85 9.17 0.00	164.36 9.39 0.00	135.52 8.39 0.00
HUNTINGTON_RES_REC 323705	73.68 5.05 0.00	62.57 3.86 0.00	62.00 3.87 0.00	62.00 3.63 0.00	61.79 3.76 0.00	59.59 4.13 0.00	99.08 4.29 -42.61	78.96 5.54 -6.59	86.22 6.11 -1.82	114.20 6.38 -28.04	125.25 8.03 -21.83	123.80 3.42 -76.02	79.57 4.43 -10.12	118.75 5.00 -39.88	80.03 5.76 0.00	111.02 6.33 -23.30	130.49 8.32 -13.30	138.53 11.02 32.10	157.57 12.22 42.42	136.70 10.59 42.84	139.02 10.50 34.34	123.53 9.76 32.90	149.65 7.16 12.47	132.47 5.48 0.14
HUNTLEY___63 23557	63.44 -5.20 0.00	54.11 -4.59 0.00	53.40 -4.73 0.00	53.85 -4.51 0.00	53.40 -4.63 0.00	50.36 -5.10 0.00	46.48 -5.68 0.03	57.24 -8.24 1.36	66.78 -9.38 2.12	66.19 -10.12 3.48	61.03 -12.19 22.17	32.17 -5.68 6.52	56.20 -7.81 1.00	62.52 -9.12 2.23	66.58 -7.39 0.30	73.52 -7.87 0.00	99.86 -9.00 0.00	149.94 -9.66 0.00	179.29 -8.47 0.00	160.09 -8.86 0.00	153.76 -9.10 0.00	137.09 -9.58 0.00	147.86 -7.10 0.00	122.06 -5.07 0.00
HUNTLEY___64 23558	63.44 -5.20 0.00	54.11 -4.59 0.00	53.40 -4.73 0.00	53.85 -4.51 0.00	53.40 -4.63 0.00	50.36 -5.10 0.00	46.48 -5.68 0.03	57.24 -8.24 1.36	66.78 -9.38 2.12	66.19 -10.12 3.48	61.03 -12.19 22.17	32.17 -5.68 6.52	56.20 -7.81 1.00	62.52 -9.12 2.23	66.58 -7.39 0.30	73.52 -7.87 0.00	99.86 -9.00 0.00	149.94 -9.66 0.00	179.29 -8.47 0.00	160.09 -8.86 0.00	153.76 -9.10 0.00	137.09 -9.58 0.00	147.86 -7.10 0.00	122.06 -5.07 0.00
HUNTLEY___65 23559	63.44 -5.20 0.00	54.11 -4.59 0.00	53.40 -4.73 0.00	53.85 -4.51 0.00	53.40 -4.63 0.00	50.36 -5.10 0.00	46.48 -5.68 0.03	57.24 -8.24 1.36	66.78 -9.38 2.12	66.19 -10.12 3.48	61.03 -12.19 22.17	32.17 -5.68 6.52	56.20 -7.81 1.00	62.52 -9.12 2.23	66.58 -7.39 0.30	73.52 -7.87 0.00	99.86 -9.00 0.00	149.94 -9.66 0.00	179.29 -8.47 0.00	160.09 -8.86 0.00	153.76 -9.10 0.00	137.09 -9.58 0.00	147.86 -7.10 0.00	122.06 -5.07 0.00
HUNTLEY___66 23560	63.44 -5.20 0.00	54.11 -4.59 0.00	53.40 -4.73 0.00	53.85 -4.51 0.00	53.40 -4.63 0.00	50.36 -5.10 0.00	46.48 -5.68 0.03	57.24 -8.24 1.36	66.78 -9.38 2.12	66.19 -10.12 3.48	61.03 -12.19 22.17	32.17 -5.68 6.52	56.20 -7.81 1.00	62.52 -9.12 2.23	66.58 -7.39 0.30	73.52 -7.87 0.00	99.86 -9.00 0.00	149.94 -9.66 0.00	179.29 -8.47 0.00	160.09 -8.86 0.00	153.76 -9.10 0.00	137.09 -9.58 0.00	147.86 -7.10 0.00	122.06 -5.07 0.00
HUNTLEY___67 23561	63.24 -5.39 0.00	54.04 -4.66 0.00	53.37 -4.76 0.00	53.81 -4.56 0.00	53.39 -4.64 0.00	50.40 -5.06 0.00	46.53 -5.63 0.03	57.29 -8.17 1.36	66.88 -9.27 2.13	66.26 -10.04 3.49	58.22 -12.21 24.96	31.21 -5.74 7.42	56.21 -7.79 1.01	62.58 -9.06 2.24	66.61 -7.35 0.31	73.70 -7.69 0.00	100.23 -8.64 0.00	150.32 -9.29 0.00	179.80 -7.96 0.00	160.89 -8.06 0.00	154.69 -8.17 0.00	138.08 -8.59 0.00	148.73 -6.23 0.00	122.42 -4.70 0.00
HUNTLEY___68 23562	63.24 -5.39 0.00	54.04 -4.66 0.00	53.37 -4.76 0.00	53.81 -4.56 0.00	53.39 -4.64 0.00	50.40 -5.06 0.00	46.53 -5.63 0.03	57.29 -8.17 1.36	66.88 -9.27 2.13	66.26 -10.04 3.49	58.22 -12.21 24.96	31.21 -5.74 7.42	56.21 -7.79 1.01	62.58 -9.06 2.24	66.61 -7.35 0.31	73.70 -7.69 0.00	100.23 -8.64 0.00	150.32 -9.29 0.00	179.80 -7.96 0.00	160.89 -8.06 0.00	154.69 -8.17 0.00	138.08 -8.59 0.00	148.73 -6.23 0.00	122.42 -4.70 0.00

HYLAND___LFGE 323620	65.80 -2.83 0.00	56.14 -2.57 0.00	55.51 -2.61 0.00	55.96 -2.40 0.00	55.71 -2.33 0.00	52.98 -2.48 0.00	49.74 -2.42 0.03	61.68 -3.77 1.38	71.77 -4.36 2.15	71.22 -5.04 3.52	156.78 -6.89 -68.28	63.83 -3.40 -22.87	58.83 -5.16 1.02	63.97 -7.64 2.26	66.63 -7.33 0.31	72.60 -8.79 0.00	98.47 -10.40 0.00	147.05 -12.55 0.00	176.62 -11.13 0.00	159.48 -9.47 0.00	153.31 -9.55 0.00	137.03 -9.64 0.00	145.70 -9.27 0.00	119.35 -7.77 0.00
INDECK___CORINTH 23802	71.67 3.04 0.00	61.19 2.49 0.00	60.59 2.47 0.00	60.90 2.54 0.00	60.63 2.60 0.00	57.93 2.47 0.00	54.71 2.52 0.00	70.42 3.59 0.00	82.40 4.11 0.00	83.86 4.08 0.00	100.40 5.01 0.00	46.62 2.25 0.00	68.16 3.15 0.00	77.26 3.39 0.00	77.59 3.33 0.00	85.29 3.89 0.00	114.92 6.05 0.00	168.27 8.67 0.00	197.55 9.80 0.00	177.48 8.54 0.00	171.28 8.42 0.00	154.53 7.86 0.00	162.87 7.90 0.00	133.14 6.02 0.00
INDECK___ILION 23567	70.94 2.31 0.00	60.63 1.93 0.00	60.02 1.90 0.00	60.31 1.94 0.00	59.95 1.92 0.00	57.14 1.68 0.00	53.83 1.64 0.00	68.98 2.15 0.00	80.65 2.36 0.00	81.93 2.14 0.00	97.99 2.59 0.00	45.49 1.12 0.00	66.60 1.59 0.00	75.66 1.79 0.00	76.29 2.02 0.00	83.93 2.54 0.00	112.69 3.82 0.00	165.59 5.99 0.00	194.61 6.85 0.00	175.04 6.09 0.00	168.73 5.87 0.00	152.35 5.67 0.00	160.95 5.98 0.00	132.05 4.93 0.00
INDECK___OLEAN 23982	64.75 -3.88 0.00	55.45 -3.25 0.00	54.96 -3.16 0.00	55.39 -2.97 0.00	55.19 -2.84 0.00	52.25 -3.21 0.00	48.29 -3.87 0.03	59.18 -6.26 1.39	69.29 -6.82 2.18	68.83 -7.39 3.57	66.41 -8.45 20.53	34.29 -4.10 5.97	58.46 -5.52 1.03	64.89 -6.69 2.29	68.63 -5.32 0.31	76.01 -5.38 0.00	103.40 -5.47 0.00	120.00 -5.45 34.15	104.99 -2.92 79.84	166.09 -2.87 0.00	160.74 -2.12 0.00	144.03 -2.64 0.00	154.59 -0.38 0.00	126.21 -0.91 0.00
INDECK___OSWEGO 23783	65.32 -3.32 0.00	55.85 -2.85 0.00	55.29 -2.84 0.00	55.52 -2.85 0.00	55.25 -2.78 0.00	52.83 -2.63 0.00	49.81 -2.40 -0.02	64.08 -3.55 -0.80	75.45 -4.09 -1.26	77.70 -4.15 -2.06	93.79 -5.14 -3.54	42.64 -2.47 -0.75	62.07 -3.54 -0.59	71.24 -3.95 -1.32	70.84 -3.61 -0.18	77.55 -3.84 0.00	104.12 -4.74 0.00	152.98 -6.63 0.00	180.50 -7.26 0.00	162.58 -6.37 0.00	156.95 -5.90 0.00	141.16 -5.51 0.00	149.11 -5.86 0.00	122.21 -4.91 0.00
INDECK___YERKES 23781	63.43 -5.20 0.00	54.10 -4.60 0.00	53.40 -4.73 0.00	53.85 -4.51 0.00	53.38 -4.65 0.00	50.35 -5.11 0.00	46.46 -5.70 0.03	57.23 -8.25 1.36	66.74 -9.42 2.12	66.19 -10.12 3.48	61.13 -12.10 22.17	32.24 -5.61 6.52	56.20 -7.81 1.00	62.55 -9.03 2.23	66.53 -7.44 0.30	73.48 -7.91 0.00	99.83 -9.03 0.00	129.96 -9.64 20.00	132.51 -8.49 46.75	159.96 -8.99 0.00	153.67 -9.19 0.00	136.97 -9.70 0.00	147.79 -7.18 0.00	122.04 -5.08 0.00
INDIAN POINT_GT_1 24139	71.15 2.52 0.00	60.75 2.05 0.00	60.24 2.12 0.00	60.42 2.05 0.00	60.15 2.12 0.00	57.75 2.29 0.00	54.52 2.33 0.00	69.77 2.94 0.00	83.62 3.16 -2.17	83.10 3.31 0.00	99.83 4.43 0.00	133.25 2.06 -86.82	79.93 2.87 -12.06	124.46 3.08 -47.51	77.34 3.07 0.00	84.64 3.25 0.00	113.42 4.55 0.00	166.05 6.44 0.00	194.67 6.91 0.00	174.86 5.91 0.00	168.79 5.94 0.00	152.08 5.41 0.00	158.62 3.66 0.00	129.87 2.75 0.00
INDIAN POINT_GT_2 23659	71.15 2.52 0.00	60.75 2.05 0.00	60.24 2.12 0.00	60.42 2.05 0.00	60.15 2.12 0.00	57.75 2.29 0.00	54.52 2.33 0.00	69.77 2.94 0.00	83.62 3.16 -2.17	83.10 3.31 0.00	99.83 4.43 0.00	133.25 2.06 -86.82	79.93 2.87 -12.06	124.46 3.08 -47.51	77.34 3.07 0.00	84.64 3.25 0.00	113.42 4.55 0.00	166.05 6.44 0.00	194.67 6.91 0.00	174.86 5.91 0.00	168.79 5.94 0.00	152.08 5.41 0.00	158.62 3.66 0.00	129.87 2.75 0.00
INDIAN POINT_GT_3 24019	71.15 2.52 0.00	60.75 2.05 0.00	60.24 2.12 0.00	60.42 2.05 0.00	60.15 2.12 0.00	57.75 2.29 0.00	54.52 2.33 0.00	69.77 2.94 0.00	83.62 3.16 -2.17	83.10 3.31 0.00	99.83 4.43 0.00	133.25 2.06 -86.82	79.93 2.87 -12.06	124.46 3.08 -47.51	77.34 3.07 0.00	84.64 3.25 0.00	113.42 4.55 0.00	166.05 6.44 0.00	194.67 6.91 0.00	174.86 5.91 0.00	168.79 5.94 0.00	152.08 5.41 0.00	158.62 3.66 0.00	129.87 2.75 0.00
INDIAN POINT___2 23530	71.01 2.38 0.00	60.64 1.93 0.00	60.14 2.01 0.00	60.32 1.95 0.00	60.04 2.00 0.00	57.66 2.20 0.00	54.42 2.23 0.00	69.64 2.81 0.00	84.27 3.01 -2.98	82.92 3.13 0.00	99.61 4.21 0.00	165.50 1.96 -119.18	84.30 2.73 -16.55	142.01 2.93 -65.21	77.19 2.92 0.00	84.47 3.08 0.00	113.18 4.31 0.00	165.67 6.06 0.00	194.23 6.47 0.00	174.46 5.51 0.00	168.47 5.61 0.00	151.80 5.13 0.00	158.31 3.35 0.00	129.61 2.49 0.00
INDIAN POINT___3 23531	71.08 2.45 0.00	60.69 1.99 0.00	60.19 2.06 0.00	60.36 1.99 0.00	60.09 2.06 0.00	57.69 2.23 0.00	54.44 2.25 0.00	69.68 2.86 0.00	83.59 3.07 -2.23	82.98 3.19 0.00	99.69 4.30 0.00	135.81 1.99 -89.45	80.22 2.78 -12.42	125.80 2.98 -48.95	77.23 2.96 0.00	84.55 3.16 0.00	113.26 4.39 0.00	165.81 6.21 0.00	194.34 6.58 0.00	174.62 5.67 0.00	168.58 5.72 0.00	151.89 5.22 0.00	158.47 3.50 0.00	129.72 2.60 0.00
INGHAM_C_115KV_TB7 356103	73.82 5.19 0.00	63.08 4.37 0.00	62.41 4.28 0.00	62.77 4.40 0.00	62.37 4.34 0.00	59.28 3.82 0.00	55.83 3.64 0.00	71.52 4.70 0.00	83.39 5.10 0.00	84.40 4.62 0.00	101.00 5.61 0.00	46.79 2.43 0.00	68.45 3.44 0.00	77.64 3.76 0.00	78.74 4.47 0.00	87.09 5.70 0.00	117.34 8.47 0.00	172.81 13.20 0.00	202.87 15.11 0.00	182.30 13.35 0.00	175.59 12.73 0.00	158.86 12.19 0.00	167.90 12.94 0.00	137.80 10.68 0.00
IP CORINTH___1 23988	72.04 3.41 0.00	61.50 2.80 0.00	60.89 2.76 0.00	61.21 2.84 0.00	60.94 2.90 0.00	58.22 2.76 0.00	54.99 2.80 0.00	70.79 3.96 0.00	82.83 4.55 0.00	84.31 4.52 0.00	100.93 5.54 0.00	46.86 2.50 0.00	68.51 3.50 0.00	77.68 3.81 0.00	78.01 3.74 0.00	85.74 4.36 0.00	115.55 6.68 0.00	169.22 9.61 0.00	198.69 10.93 0.00	178.49 9.54 0.00	172.25 9.39 0.00	155.39 8.72 0.00	163.80 8.84 0.00	133.88 6.76 0.00
IP___TICONDEROGA 23804	74.93 6.30 0.00	63.59 4.88 0.00	62.90 4.77 0.00	63.22 4.86 0.00	62.97 4.94 0.00	60.31 4.85 0.00	57.39 5.20 0.00	74.49 7.66 0.00	86.92 8.64 0.00	88.13 8.34 0.00	105.27 9.88 0.00	48.65 4.29 0.00	70.78 5.77 0.00	80.80 6.93 0.00	81.09 6.83 0.00	89.06 7.66 0.00	121.50 12.63 0.00	178.55 18.94 0.00	210.19 22.43 0.00	188.35 19.40 0.00	181.40 18.54 0.00	164.27 17.60 0.00	173.37 18.40 0.00	140.38 13.26 0.00
ISLIP_RES_REC 323679	74.20 5.57 0.00	63.01 4.30 0.00	62.45 4.32 0.00	62.40 4.03 0.00	62.18 4.15 0.00	60.00 4.54 0.00	99.56 4.74 -42.62	79.55 6.13 -6.59	86.87 6.76 -1.82	114.86 7.04 -28.04	126.18 8.95 -21.83	124.16 3.78 -76.02	79.92 4.78 -10.12	119.16 5.41 -39.88	80.51 6.24 0.00	111.61 6.92 -23.30	131.63 9.46 -13.30	210.05 13.18 -37.25	241.56 15.04 -38.76	233.94 13.05 -51.94	215.35 12.81 -39.68	206.09 11.80 -47.62	168.58 9.28 -4.34	134.08 6.98 0.02

JAMAICA__27_KV_LOAD 355505	70.89 2.26 0.00	60.67 1.97 0.00	60.25 2.12 0.00	60.37 2.00 0.00	59.90 1.87 0.00	57.51 2.06 0.01	54.77 2.58 0.00	70.05 3.23 0.00	83.53 3.42 -1.84	83.24 3.45 0.00	100.92 5.52 0.00	120.42 2.47 -73.58	78.45 3.21 -10.22	117.36 3.23 -40.26	77.73 3.47 0.00	84.99 3.59 0.00	113.99 5.12 0.00	166.94 7.34 0.00	195.30 7.54 0.00	175.60 6.64 0.00	169.35 6.49 0.00	152.60 5.93 0.00	159.48 4.51 0.00	130.68 3.56 0.00
JANIS__SOLAR 323808	70.01 1.38 0.00	59.88 1.18 0.00	59.19 1.06 0.00	59.42 1.05 0.00	59.11 1.08 0.00	56.53 1.07 0.00	53.40 1.24 0.03	65.72 0.18 1.29	76.02 -0.25 2.02	75.71 -0.76 3.32	97.10 -1.35 -3.06	44.87 -1.14 -1.64	62.54 -1.51 0.96	69.58 -2.17 2.13	73.59 -0.40 0.28	82.08 0.69 0.00	111.07 2.20 0.00	170.84 4.49 -6.74	210.45 6.93 -15.76	175.42 6.47 0.00	169.69 6.83 0.00	153.64 6.97 0.00	163.27 8.30 0.00	133.30 6.18 0.00
JARVIS____ 23743	68.85 0.22 0.00	58.88 0.18 0.00	58.33 0.20 0.00	58.55 0.18 0.00	58.22 0.18 0.00	55.63 0.17 0.00	52.41 0.22 0.00	67.17 0.34 0.00	78.67 0.38 0.00	80.17 0.38 0.00	95.81 0.42 0.00	44.54 0.17 0.00	65.27 0.26 0.00	74.25 0.38 0.00	74.56 0.29 0.00	81.60 0.21 0.00	109.28 0.41 0.00	160.15 0.55 0.00	188.37 0.61 0.00	169.61 0.66 0.00	163.52 0.66 0.00	147.41 0.74 0.00	155.60 0.64 0.00	127.73 0.61 0.00
JENNISON____1 23625	69.92 1.29 0.00	59.89 1.19 0.00	59.09 0.96 0.00	59.44 1.08 0.00	58.94 0.90 0.00	56.28 0.82 0.00	53.36 1.19 0.02	65.95 0.22 1.10	76.50 -0.07 1.72	76.28 -0.70 2.81	94.70 -1.24 -0.55	43.93 -1.17 -0.73	62.54 -1.66 0.81	69.72 -2.35 1.80	72.88 -1.15 0.24	81.00 -0.39 0.00	109.39 0.52 0.00	161.22 1.61 0.00	191.35 3.59 0.00	172.83 3.88 0.00	166.50 3.65 0.00	151.39 4.72 0.00	161.79 6.82 0.00	132.27 5.15 0.00
JENNISON____2 23626	69.92 1.29 0.00	59.89 1.19 0.00	59.09 0.96 0.00	59.44 1.08 0.00	58.94 0.90 0.00	56.28 0.82 0.00	53.36 1.19 0.02	65.95 0.22 1.10	76.50 -0.07 1.72	76.28 -0.70 2.81	94.70 -1.24 -0.55	43.93 -1.17 -0.73	62.54 -1.66 0.81	69.72 -2.35 1.80	72.88 -1.15 0.24	81.00 -0.39 0.00	109.39 0.52 0.00	161.22 1.61 0.00	191.35 3.59 0.00	172.83 3.88 0.00	166.50 3.65 0.00	151.39 4.72 0.00	161.79 6.82 0.00	132.27 5.15 0.00
JERICOHO_RISE_WT_PWR 323719	68.51 -0.12 0.00	58.70 0.00 0.00	58.07 -0.06 0.00	58.30 -0.07 0.00	58.05 0.02 0.00	55.82 0.36 0.00	52.22 0.03 0.00	67.33 0.51 0.00	79.27 0.99 0.00	81.06 1.27 0.00	96.90 1.51 0.00	44.80 0.44 0.00	65.28 0.27 0.00	74.01 0.14 0.00	73.95 -0.32 0.00	80.79 -0.60 0.00	106.79 -2.08 0.00	157.17 -2.43 0.00	185.99 -1.77 0.00	167.87 -1.09 0.00	161.31 -1.55 0.00	145.16 -1.51 0.00	154.82 -0.15 0.00	127.47 0.35 0.00
KATONAH__115KV_46KV_TB4 355592	71.77 3.14 0.00	61.28 2.58 0.00	60.76 2.63 0.00	60.95 2.58 0.00	60.67 2.64 0.00	58.25 2.79 0.00	54.99 2.81 0.00	70.41 3.58 0.00	83.44 3.95 -1.20	83.86 4.08 0.00	100.75 5.36 0.00	94.83 2.48 -47.99	75.14 3.46 -6.66	103.92 3.79 -26.26	78.04 3.77 0.00	85.46 4.07 0.00	114.60 5.73 0.00	167.83 8.23 0.00	196.88 9.12 0.00	176.83 7.88 0.00	170.55 7.69 0.00	153.67 7.00 0.00	160.38 5.41 0.00	131.19 4.07 0.00
KCE_NY_1 323755	72.21 3.58 0.00	61.69 2.99 0.00	61.09 2.96 0.00	61.37 3.00 0.00	61.02 2.98 0.00	58.30 2.84 0.00	54.95 2.75 0.00	70.56 3.73 0.00	82.58 4.30 0.00	84.20 4.41 0.00	100.72 5.33 0.00	46.77 2.40 0.00	68.49 3.48 0.00	77.79 3.92 0.00	78.11 3.84 0.00	85.77 4.38 0.00	115.45 6.58 0.00	169.07 9.46 0.00	198.49 10.73 0.00	178.29 9.33 0.00	171.88 9.02 0.00	155.14 8.47 0.00	163.64 8.67 0.00	133.83 6.70 0.00
KCE_NY_6_ESR 323823	63.91 -4.72 0.00	54.60 -4.11 0.00	53.94 -4.19 0.00	54.38 -3.99 0.00	53.99 -4.04 0.00	51.03 -4.43 0.00	47.21 -4.95 0.03	58.09 -7.37 1.37	67.81 -8.33 2.14	67.21 -9.06 3.51	58.87 -10.91 25.61	31.56 -5.17 7.63	56.91 -7.09 1.01	63.37 -8.25 2.25	67.39 -6.57 0.31	74.67 -6.71 0.00	101.69 -7.18 0.00	130.10 -6.78 22.72	129.91 -4.72 53.12	164.04 -4.91 0.00	157.85 -5.01 0.00	140.90 -5.77 0.00	151.46 -3.51 0.00	124.50 -2.62 0.00
KEDC_PORT_JEFF_GT2 24210	73.77 5.14 0.00	62.62 3.92 0.00	62.08 3.95 0.00	62.04 3.68 0.00	61.80 3.77 0.00	59.63 4.17 0.00	98.65 4.35 -42.11	79.06 5.64 -6.59	86.30 6.19 -1.82	114.23 6.40 -28.04	125.42 8.20 -21.83	123.85 3.47 -76.02	79.53 4.39 -10.12	118.71 4.96 -39.88	80.02 5.74 0.00	111.04 6.36 -23.30	130.81 8.64 -13.30	218.16 11.85 -46.70	248.99 12.62 -48.61	244.94 10.88 -65.11	223.32 10.72 -49.74	216.63 10.28 -59.68	168.43 8.01 -5.45	133.12 6.03 0.03
KEDC_PORT_JEFF_GT3 24211	73.77 5.14 0.00	62.62 3.92 0.00	62.08 3.95 0.00	62.04 3.68 0.00	61.80 3.77 0.00	59.63 4.17 0.00	98.65 4.35 -42.11	79.06 5.64 -6.59	86.30 6.19 -1.82	114.23 6.40 -28.04	125.42 8.20 -21.83	123.85 3.47 -76.02	79.53 4.39 -10.12	118.71 4.96 -39.88	80.02 5.74 0.00	111.04 6.36 -23.30	130.81 8.64 -13.30	218.16 11.85 -46.70	248.99 12.62 -48.61	244.94 10.88 -65.11	223.32 10.72 -49.74	216.63 10.28 -59.68	168.43 8.01 -5.45	133.12 6.03 0.03
KEDC_GLWD_GT4 24219	72.31 3.68 0.00	61.66 2.95 0.00	61.12 2.99 0.00	61.28 2.91 0.00	61.03 3.00 0.00	58.69 3.22 0.00	129.51 3.24 -74.08	77.56 4.14 -6.59	84.71 4.61 -1.82	112.66 4.84 -28.04	123.37 6.14 -21.83	123.18 2.80 -76.02	79.03 3.90 -10.12	118.06 4.31 -39.88	78.80 4.53 0.00	109.57 4.88 -23.30	128.87 6.70 -13.30	168.87 9.26 0.00	197.96 10.20 0.00	177.85 8.90 0.00	171.72 8.86 0.00	154.82 8.15 0.00	160.90 5.93 0.00	131.66 4.54 0.00
KEDC_GLWD_GT5 24220	72.31 3.68 0.00	61.66 2.95 0.00	61.12 2.99 0.00	61.28 2.91 0.00	61.03 3.00 0.00	58.69 3.22 0.00	129.51 3.24 -74.08	77.56 4.14 -6.59	84.71 4.61 -1.82	112.66 4.84 -28.04	123.37 6.14 -21.83	123.18 2.80 -76.02	79.03 3.90 -10.12	118.06 4.31 -39.88	78.80 4.53 0.00	109.57 4.88 -23.30	128.87 6.70 -13.30	168.87 9.26 0.00	197.96 10.20 0.00	177.85 8.90 0.00	171.72 8.86 0.00	154.82 8.15 0.00	160.90 5.93 0.00	131.66 4.54 0.00
KENSICO____ 23655	71.37 2.74 0.00	60.94 2.24 0.00	60.44 2.31 0.00	60.60 2.24 0.00	60.32 2.29 0.00	57.93 2.47 0.00	54.69 2.50 0.00	69.99 3.16 0.00	83.69 3.45 -1.97	83.39 3.60 0.00	100.18 4.79 0.00	125.29 2.22 -78.70	79.06 3.12 -10.93	120.28 3.35 -43.06	77.64 3.37 0.00	84.96 3.57 0.00	113.86 4.99 0.00	166.65 7.04 0.00	195.34 7.58 0.00	175.45 6.50 0.00	169.28 6.42 0.00	152.56 5.89 0.00	159.10 4.14 0.00	130.24 3.12 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	71.77 3.13 0.00	61.30 2.60 0.00	60.77 2.64 0.00	60.97 2.61 0.00	60.71 2.67 0.00	58.27 2.82 0.00	55.11 2.92 0.00	70.68 3.85 0.00	82.12 4.27 0.44	84.18 4.39 0.00	101.00 5.61 0.00	29.36 2.52 17.52	66.18 3.60 2.43	68.20 3.92 9.59	78.05 3.78 0.00	85.63 4.24 0.00	115.06 6.20 0.00	168.74 9.14 0.00	198.08 10.32 0.00	178.06 9.11 0.00	171.85 8.99 0.00	154.68 8.00 0.00	161.53 6.57 0.00	131.92 4.80 0.00

KIAC_JFK_GT1 23816	70.46 1.83 0.00	60.33 1.62 0.00	59.92 1.79 0.00	60.03 1.66 0.00	59.56 1.53 0.00	57.10 1.65 0.01	54.24 2.05 0.00	69.39 2.56 0.00	82.73 2.60 -1.84	82.44 2.65 0.00	99.97 4.58 0.00	119.99 2.04 -73.58	77.82 2.59 -10.22	116.69 2.56 -40.26	77.00 2.73 0.00	84.16 2.77 0.00	112.85 3.98 0.00	165.21 5.60 0.00	193.19 5.43 0.00	173.70 4.75 0.00	167.50 4.64 0.00	150.96 4.29 0.00	157.76 2.79 0.00	129.77 2.64 0.00
KIAC_JFK_GT2 23817	70.46 1.83 0.00	60.33 1.62 0.00	59.92 1.79 0.00	60.03 1.66 0.00	59.56 1.53 0.00	57.10 1.65 0.01	54.24 2.05 0.00	69.39 2.56 0.00	82.73 2.60 -1.84	82.44 2.65 0.00	99.97 4.58 0.00	119.99 2.04 -73.58	77.82 2.59 -10.22	116.69 2.56 -40.26	77.00 2.73 0.00	84.16 2.77 0.00	112.85 3.98 0.00	165.21 5.60 0.00	193.19 5.43 0.00	173.70 4.75 0.00	167.50 4.64 0.00	150.96 4.29 0.00	157.76 2.79 0.00	129.77 2.64 0.00
KIAC_JFK____ 323774	70.44 1.81 0.00	60.32 1.62 0.00	59.92 1.79 0.00	60.03 1.66 0.00	59.56 1.53 0.00	57.10 1.65 0.01	54.24 2.05 0.00	69.38 2.55 0.00	82.73 2.60 -1.84	82.44 2.65 0.00	99.96 4.57 0.00	119.98 2.04 -73.58	77.81 2.58 -10.22	116.68 2.55 -40.26	77.01 2.74 0.00	84.16 2.77 0.00	112.85 3.98 0.00	165.17 5.56 0.00	193.19 5.43 0.00	173.70 4.75 0.00	167.50 4.64 0.00	150.96 4.29 0.00	157.76 2.79 0.00	129.76 2.64 0.00
KINTIGH__24_KV_GSU 356498	63.78 -4.85 0.00	54.52 -4.18 0.00	53.86 -4.27 0.00	54.25 -4.11 0.00	53.86 -4.17 0.00	50.95 -4.51 0.00	47.20 -4.96 0.03	58.37 -7.13 1.34	68.11 -8.08 2.09	67.70 -8.66 3.43	69.10 -10.54 15.74	35.01 -4.91 4.44	57.35 -6.67 0.99	63.93 -7.74 2.20	67.59 -6.38 0.30	74.64 -6.75 0.00	101.23 -7.64 0.00	134.42 -9.22 15.96	141.73 -8.71 37.31	160.09 -8.86 0.00	153.84 -9.02 0.00	137.42 -9.26 0.00	147.67 -7.29 0.00	121.49 -5.64 0.00
KINTIGH____ 23543	63.73 -4.90 0.00	54.48 -4.23 0.00	53.82 -4.31 0.00	54.22 -4.15 0.00	53.81 -4.22 0.00	50.92 -4.54 0.00	47.14 -5.02 0.03	58.32 -7.18 1.34	68.06 -8.13 2.09	67.61 -8.75 3.43	68.91 -10.74 15.74	34.91 -5.01 4.44	57.28 -6.74 0.99	63.82 -7.85 2.20	67.57 -6.39 0.30	74.60 -6.79 0.00	101.14 -7.73 0.00	150.35 -9.26 0.00	179.04 -8.72 0.00	160.19 -8.76 0.00	153.92 -8.94 0.00	137.55 -9.12 0.00	147.75 -7.22 0.00	121.56 -5.56 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	69.72 1.09 0.00	59.67 0.97 0.00	59.04 0.91 0.00	59.24 0.87 0.00	59.00 0.96 0.00	56.73 1.27 0.00	53.15 0.96 0.00	68.47 1.64 0.00	80.58 2.30 0.00	82.32 2.53 0.00	98.79 3.40 0.00	45.67 1.31 0.00	66.29 1.28 0.00	75.21 1.34 0.00	75.07 0.80 0.00	82.11 0.72 0.00	108.39 -0.48 0.00	160.14 0.54 0.00	189.59 1.83 0.00	171.25 2.30 0.00	164.59 1.73 0.00	148.12 1.45 0.00	157.52 2.55 0.00	129.71 2.58 0.00
LACHUTE____HYDRO 323717	74.93 6.30 0.00	63.59 4.88 0.00	62.90 4.77 0.00	63.23 4.86 0.00	62.97 4.94 0.00	60.31 4.85 0.00	57.39 5.20 0.00	74.49 7.66 0.00	86.92 8.64 0.00	88.13 8.34 0.00	105.27 9.88 0.00	48.66 4.29 0.00	70.77 5.76 0.00	80.80 6.92 0.00	81.10 6.83 0.00	89.05 7.66 0.00	121.49 12.62 0.00	178.54 18.93 0.00	210.18 22.43 0.00	188.35 19.39 0.00	181.39 18.54 0.00	164.26 17.59 0.00	173.36 18.39 0.00	140.38 13.26 0.00
LAWRNCALV_115KV_TB1 80681	68.78 0.15 0.00	58.99 0.28 0.00	58.35 0.22 0.00	58.57 0.21 0.00	58.26 0.23 0.00	55.73 0.28 0.00	52.26 0.07 0.00	67.24 0.41 0.00	79.06 0.78 0.00	80.70 0.92 0.00	96.26 0.87 0.00	44.74 0.38 0.00	65.38 0.37 0.00	74.25 0.38 0.00	74.12 -0.15 0.00	80.89 -0.50 0.00	107.48 -1.38 0.00	157.89 -1.72 0.00	186.12 -1.64 0.00	168.10 -0.85 0.00	162.07 -0.79 0.00	145.85 -0.83 0.00	155.89 0.92 0.00	128.22 1.10 0.00
LEDERLE____ 23769	71.29 2.66 0.00	60.84 2.14 0.00	60.34 2.21 0.00	60.53 2.16 0.00	60.26 2.22 0.00	57.88 2.42 0.00	54.64 2.45 0.00	69.93 3.11 0.00	78.49 3.35 3.14	83.28 3.49 0.00	100.03 4.64 0.00	-79.14 2.14 125.65	50.59 3.03 17.45	8.35 3.23 68.75	77.50 3.23 0.00	84.83 3.44 0.00	113.67 4.80 0.00	166.50 6.90 0.00	195.25 7.49 0.00	175.44 6.49 0.00	169.43 6.57 0.00	152.59 5.91 0.00	159.09 4.12 0.00	130.20 3.07 0.00
LIGHTHSE_115KV_TB6 355974	66.20 -2.44 0.00	56.51 -2.20 0.00	55.89 -2.24 0.00	56.12 -2.25 0.00	55.96 -2.07 0.00	53.73 -1.73 0.00	50.86 -1.34 0.00	64.94 -1.89 0.00	76.48 -1.81 0.00	78.09 -1.70 0.00	92.59 -2.80 0.00	42.81 -1.56 0.00	62.84 -2.17 0.00	72.04 -1.83 0.00	72.10 -2.17 0.00	78.75 -2.64 0.00	105.92 -2.95 0.00	155.99 -3.62 0.00	184.73 -3.03 0.00	167.46 -1.49 0.00	162.52 -0.34 0.00	146.20 -0.48 0.00	154.75 -0.22 0.00	126.69 -0.43 0.00
LINDEN COGEN____ 23786	71.07 2.44 0.00	60.67 1.97 0.00	60.19 2.06 0.00	60.35 1.98 0.00	60.12 2.08 0.00	57.78 2.32 0.00	54.57 2.38 0.00	69.78 2.95 0.00	83.29 3.17 -1.84	83.05 3.26 0.00	99.80 4.41 0.00	120.04 2.09 -73.58	78.20 2.97 -10.22	117.25 3.12 -40.26	77.48 3.21 0.00	84.72 3.33 0.00	113.43 4.56 0.00	165.93 6.32 0.00	194.43 6.67 0.00	174.54 5.59 0.00	168.43 5.58 0.00	151.72 5.05 0.00	157.96 3.00 0.00	129.24 2.12 0.00
LINDHRST_69_KV_BK1 356055	73.83 5.20 0.00	62.76 4.05 0.00	62.18 4.05 0.00	62.23 3.86 0.00	62.00 3.97 0.00	59.78 4.31 0.00	106.20 4.38 -49.63	79.13 5.71 -6.59	86.49 6.39 -1.82	114.52 6.70 -28.04	125.48 8.26 -21.83	123.96 3.58 -76.02	79.89 4.76 -10.12	119.09 5.35 -39.88	80.27 6.00 0.00	111.33 6.65 -23.30	131.25 9.08 -13.30	173.30 12.55 -1.15	202.10 14.13 -0.21	183.09 12.33 -1.81	176.18 12.11 -1.21	160.25 11.22 -2.35	162.92 8.77 0.82	133.62 6.52 0.02
LIPA_MISC_IPP 23656	73.84 5.21 0.00	62.67 3.97 0.00	62.14 4.01 0.00	62.05 3.68 0.00	61.79 3.76 0.00	59.62 4.16 0.00	98.41 4.38 -41.85	79.07 5.66 -6.59	86.27 6.16 -1.82	114.20 6.38 -28.04	125.47 8.25 -21.83	123.81 3.43 -76.02	79.36 4.23 -10.12	118.52 4.77 -39.88	79.91 5.64 0.00	110.99 6.31 -23.30	130.97 8.80 -13.30	216.66 12.13 -44.92	249.11 13.55 -47.80	243.20 11.84 -62.41	222.39 11.66 -47.87	213.81 10.67 -56.47	169.30 8.09 -6.25	133.19 6.08 0.01
LISF____SOLAR 323691	73.99 5.36 0.00	62.81 4.10 0.00	62.26 4.13 0.00	62.17 3.80 0.00	61.94 3.91 0.00	59.74 4.28 0.00	98.66 4.53 -41.94	79.25 5.83 -6.59	86.47 6.36 -1.82	114.36 6.53 -28.04	125.70 8.48 -21.83	123.89 3.51 -76.02	79.42 4.29 -10.12	118.62 4.87 -39.88	80.07 5.80 0.00	111.20 6.51 -23.30	131.32 9.15 -13.30	216.63 12.68 -44.35	248.91 14.15 -47.01	243.03 12.43 -61.65	222.30 12.19 -47.26	213.77 11.18 -55.91	169.53 8.56 -5.99	133.55 6.44 0.01
LITTLE FALLS____HYD 24013	73.82 5.19 0.00	63.08 4.37 0.00	62.41 4.28 0.00	62.77 4.40 0.00	62.37 4.34 0.00	59.28 3.82 0.00	55.83 3.64 0.00	71.52 4.70 0.00	83.39 5.10 0.00	84.40 4.62 0.00	101.00 5.61 0.00	46.79 2.43 0.00	68.45 3.44 0.00	77.64 3.76 0.00	78.74 4.47 0.00	87.09 5.70 0.00	117.34 8.47 0.00	172.81 13.20 0.00	202.87 15.11 0.00	182.30 13.35 0.00	175.59 12.73 0.00	158.86 12.19 0.00	167.90 12.94 0.00	137.80 10.68 0.00

LITTLRIV_115KV_TB1 356100	69.50 0.87 0.00	59.64 0.94 0.00	59.06 0.93 0.00	59.29 0.93 0.00	58.98 0.95 0.00	56.39 0.93 0.00	52.89 0.70 0.00	68.05 1.22 0.00	80.02 1.73 0.00	81.63 1.84 0.00	97.31 1.92 0.00	45.25 0.88 0.00	66.11 1.10 0.00	74.99 1.12 0.00	74.96 0.69 0.00	81.86 0.47 0.00	109.07 0.20 0.00	160.34 0.73 0.00	188.94 1.18 0.00	170.55 1.60 0.00	164.31 1.45 0.00	147.74 1.07 0.00	157.80 2.84 0.00	129.66 2.54 0.00
LI_NEWBRDGE___DRP 323616	72.34 3.70 0.00	61.58 2.88 0.00	61.04 2.91 0.00	61.14 2.77 0.00	60.92 2.89 0.00	58.67 3.21 0.00	94.20 3.24 -38.77	77.58 4.16 -6.59	84.70 4.59 -1.82	112.64 4.82 -28.04	123.27 6.05 -21.83	123.11 2.73 -76.02	78.83 3.70 -10.12	117.87 4.12 -39.88	78.75 4.48 0.00	109.52 4.84 -23.30	128.66 6.49 -13.30	168.36 8.75 0.00	197.28 9.52 0.00	177.22 8.27 0.00	171.14 8.28 0.00	154.46 7.79 0.00	160.28 5.31 0.00	131.19 4.07 0.00
LOCKPORT_115KV_TB60_63_64 80432	62.97 -5.66 0.00	53.79 -4.92 0.00	53.07 -5.06 0.00	53.53 -4.84 0.00	53.07 -4.96 0.00	49.98 -5.48 0.00	46.08 -6.08 0.03	56.82 -8.66 1.34	66.31 -9.88 2.10	65.74 -10.60 3.45	62.93 -12.53 19.93	32.69 -5.87 5.80	55.78 -8.23 1.00	61.96 -9.70 2.21	65.88 -8.08 0.30	72.77 -8.62 0.00	99.03 -9.84 0.00	148.48 -11.12 0.00	177.25 -10.51 0.00	158.50 -10.45 0.00	152.33 -10.53 0.00	135.89 -10.78 0.00	146.65 -8.32 0.00	121.11 -6.01 0.00
LOCKPORT___CC1 323769	62.68 -5.96 0.00	53.51 -5.18 0.00	52.82 -5.30 0.00	53.28 -5.08 0.00	52.84 -5.20 0.00	49.78 -5.68 0.00	45.89 -6.27 0.03	56.57 -8.91 1.35	65.98 -10.20 2.10	65.43 -10.90 3.45	61.56 -12.88 20.95	32.21 -6.02 6.13	55.53 -8.48 1.00	61.72 -9.94 2.21	65.57 -8.40 0.30	72.47 -8.92 0.00	98.63 -10.24 0.00	130.07 -11.68 17.86	134.90 -11.11 41.75	157.93 -11.02 0.00	151.75 -11.11 0.00	135.37 -11.30 0.00	146.11 -8.85 0.00	120.64 -6.49 0.00
LOCKPORT___CC2 323770	62.68 -5.96 0.00	53.51 -5.18 0.00	52.82 -5.30 0.00	53.28 -5.08 0.00	52.84 -5.20 0.00	49.78 -5.68 0.00	45.89 -6.27 0.03	56.57 -8.91 1.35	65.98 -10.20 2.10	65.43 -10.90 3.45	61.56 -12.88 20.95	32.21 -6.02 6.13	55.53 -8.48 1.00	61.72 -9.94 2.21	65.57 -8.40 0.30	72.47 -8.92 0.00	98.63 -10.24 0.00	130.07 -11.68 17.86	134.90 -11.11 41.75	157.93 -11.02 0.00	151.75 -11.11 0.00	135.37 -11.30 0.00	146.11 -8.85 0.00	120.64 -6.49 0.00
LOCKPORT___CC3 323771	62.68 -5.96 0.00	53.51 -5.18 0.00	52.82 -5.30 0.00	53.28 -5.08 0.00	52.84 -5.20 0.00	49.78 -5.68 0.00	45.89 -6.27 0.03	56.57 -8.91 1.35	65.98 -10.20 2.10	65.43 -10.90 3.45	61.56 -12.88 20.95	32.21 -6.02 6.13	55.53 -8.48 1.00	61.72 -9.94 2.21	65.57 -8.40 0.30	72.47 -8.92 0.00	98.63 -10.24 0.00	130.07 -11.68 17.86	134.90 -11.11 41.75	157.93 -11.02 0.00	151.75 -11.11 0.00	135.37 -11.30 0.00	146.11 -8.85 0.00	120.64 -6.49 0.00
LOCUSVLY_69_KV_BK2 55797	72.68 4.05 0.00	61.94 3.23 0.00	61.40 3.27 0.00	61.52 3.15 0.00	61.27 3.24 0.00	58.99 3.53 0.00	121.37 3.55 -65.63	77.96 4.55 -6.59	85.16 5.05 -1.82	113.14 5.32 -28.04	123.93 6.71 -21.83	123.41 3.03 -76.02	79.28 4.14 -10.12	118.38 4.64 -39.88	79.22 4.94 0.00	110.04 5.35 -23.30	129.51 7.34 -13.30	169.34 10.19 0.46	198.26 11.32 0.82	178.30 9.91 0.57	172.12 9.75 0.49	155.41 9.02 0.28	161.29 6.71 0.38	132.25 5.13 0.01
LONG_LAKE_PHOENIX 24014	65.85 -2.78 0.00	56.31 -2.39 0.00	55.75 -2.37 0.00	55.99 -2.38 0.00	55.71 -2.32 0.00	53.24 -2.22 0.00	50.16 -2.04 0.00	64.01 -3.06 -0.25	75.15 -3.53 -0.39	76.82 -3.61 -0.64	92.08 -4.40 -1.10	42.51 -2.09 -0.23	62.25 -2.95 -0.18	70.94 -3.35 -0.41	71.45 -2.87 -0.06	78.34 -3.05 0.00	105.22 -3.65 0.00	154.67 -4.94 0.00	182.42 -5.33 0.00	164.11 -4.84 0.00	158.18 -4.68 0.00	142.21 -4.46 0.00	150.14 -4.83 0.00	123.08 -4.04 0.00
LOVETT___3 23632	70.95 2.32 0.00	60.57 1.86 0.00	60.07 1.94 0.00	60.24 1.87 0.00	59.97 1.94 0.00	57.59 2.13 0.00	54.35 2.16 0.00	69.56 2.73 0.00	77.85 2.91 3.35	82.82 3.03 0.00	99.50 4.11 0.00	-87.88 1.90 134.14	49.05 2.67 18.63	3.31 2.83 73.40	77.08 2.81 0.00	84.36 2.97 0.00	113.01 4.14 0.00	165.48 5.88 0.00	193.98 6.22 0.00	174.27 5.32 0.00	168.28 5.42 0.00	151.62 4.95 0.00	158.15 3.18 0.00	129.44 2.32 0.00
LOVETT___4 23642	70.95 2.32 0.00	60.57 1.86 0.00	60.07 1.94 0.00	60.24 1.87 0.00	59.97 1.94 0.00	57.59 2.13 0.00	54.35 2.16 0.00	69.56 2.73 0.00	77.85 2.91 3.35	82.82 3.03 0.00	99.50 4.11 0.00	-87.88 1.90 134.14	49.05 2.67 18.63	3.31 2.83 73.40	77.08 2.81 0.00	84.36 2.97 0.00	113.01 4.14 0.00	165.48 5.88 0.00	193.98 6.22 0.00	174.27 5.32 0.00	168.28 5.42 0.00	151.62 4.95 0.00	158.15 3.18 0.00	129.44 2.32 0.00
LOVETT___5 23593	70.95 2.32 0.00	60.57 1.86 0.00	60.07 1.94 0.00	60.24 1.87 0.00	59.97 1.94 0.00	57.59 2.13 0.00	54.35 2.16 0.00	69.56 2.73 0.00	77.85 2.91 3.35	82.82 3.03 0.00	99.50 4.11 0.00	-87.88 1.90 134.14	49.05 2.67 18.63	3.31 2.83 73.40	77.08 2.81 0.00	84.36 2.97 0.00	113.01 4.14 0.00	165.48 5.88 0.00	193.98 6.22 0.00	174.27 5.32 0.00	168.28 5.42 0.00	151.62 4.95 0.00	158.15 3.18 0.00	129.44 2.32 0.00
LOWER RAQUET___HYD 24057	68.61 -0.02 0.00	58.88 0.17 0.00	58.25 0.12 0.00	58.47 0.10 0.00	58.15 0.12 0.00	55.63 0.17 0.00	52.15 -0.04 0.00	67.11 0.28 0.00	78.95 0.67 0.00	80.61 0.82 0.00	96.08 0.69 0.00	44.64 0.28 0.00	65.21 0.20 0.00	74.08 0.20 0.00	73.81 -0.46 0.00	80.48 -0.91 0.00	106.95 -1.92 0.00	157.24 -2.37 0.00	185.42 -2.34 0.00	167.61 -1.34 0.00	161.60 -1.26 0.00	145.51 -1.16 0.00	155.70 0.73 0.00	128.12 1.00 0.00
LOWER___HUDSON 24059	71.54 2.91 0.00	61.12 2.41 0.00	60.55 2.42 0.00	60.80 2.43 0.00	60.45 2.41 0.00	57.65 2.19 0.00	54.19 2.00 0.00	69.53 2.70 0.00	81.35 3.06 0.00	82.93 3.14 0.00	99.43 4.04 0.00	46.24 1.87 0.00	67.64 2.63 0.00	76.80 2.93 0.00	77.13 2.87 0.00	84.56 3.17 0.00	113.57 4.70 0.00	166.28 6.68 0.00	195.15 7.39 0.00	175.35 6.40 0.00	168.80 5.94 0.00	152.60 5.93 0.00	160.80 5.83 0.00	132.15 5.03 0.00
LOWVILLE_115KV_TB2 356335	67.62 -1.01 0.00	57.55 -1.15 0.00	56.84 -1.29 0.00	57.03 -1.34 0.00	56.94 -1.09 0.00	55.40 -0.06 0.00	53.26 1.07 0.00	68.46 1.63 0.00	81.38 3.10 0.00	82.99 3.20 0.00	97.16 1.77 0.00	44.63 0.27 0.00	65.23 0.21 0.00	76.34 2.47 0.00	74.86 0.59 0.00	80.61 -0.78 0.00	108.56 -0.30 0.00	160.20 0.60 0.00	191.46 3.70 0.00	175.75 6.80 0.00	172.33 9.47 0.00	155.40 8.73 0.00	164.59 9.63 0.00	134.21 7.09 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	72.18 3.55 0.00	61.65 2.95 0.00	61.07 2.95 0.00	61.34 2.98 0.00	61.02 2.98 0.00	58.27 2.81 0.00	54.92 2.73 0.00	70.52 3.69 0.00	82.51 4.23 0.00	84.07 4.28 0.00	100.68 5.28 0.00	46.76 2.40 0.00	68.44 3.43 0.00	77.70 3.82 0.00	78.05 3.78 0.00	85.71 4.31 0.00	115.32 6.45 0.00	168.88 9.27 0.00	198.23 10.47 0.00	178.12 9.17 0.00	171.66 8.81 0.00	154.90 8.23 0.00	163.26 8.29 0.00	133.72 6.59 0.00

LUTHERNY_35_KV_BK2 355980	72.21 3.58 0.00	61.69 2.99 0.00	61.09 2.96 0.00	61.37 3.01 0.00	61.02 2.98 0.00	58.30 2.84 0.00	54.95 2.76 0.00	70.57 3.74 0.00	82.59 4.30 0.00	84.20 4.41 0.00	100.72 5.33 0.00	46.77 2.40 0.00	68.50 3.49 0.00	77.79 3.92 0.00	78.11 3.84 0.00	85.77 4.38 0.00	115.45 6.58 0.00	169.08 9.48 0.00	198.47 10.71 0.00	178.29 9.34 0.00	171.87 9.01 0.00	155.14 8.47 0.00	163.64 8.68 0.00	133.83 6.71 0.00
LWR___OSWEGATCHIE_HYD 23850	67.57 -1.06 0.00	57.74 -0.96 0.00	57.09 -1.04 0.00	57.30 -1.07 0.00	57.03 -1.01 0.00	54.91 -0.55 0.00	52.05 -0.14 0.00	66.98 0.15 0.00	79.22 0.93 0.00	80.86 1.08 0.00	95.77 0.38 0.00	44.24 -0.12 0.00	64.69 -0.32 0.00	74.49 0.62 0.00	73.60 -0.67 0.00	79.71 -1.68 0.00	106.53 -2.34 0.00	156.90 -2.71 0.00	186.15 -1.61 0.00	169.63 0.68 0.00	165.05 2.19 0.00	148.86 2.19 0.00	158.90 3.94 0.00	130.15 3.03 0.00
LYONS_FALL_HYD 23570	68.92 0.29 0.00	58.74 0.04 0.00	58.05 -0.08 0.00	58.23 -0.14 0.00	58.09 0.06 0.00	56.24 0.78 0.00	53.82 1.64 0.00	69.14 2.31 0.00	81.84 3.55 0.00	83.47 3.68 0.00	98.36 2.97 0.00	45.35 0.98 0.00	66.33 1.32 0.00	77.03 3.16 0.00	76.14 1.86 0.00	82.41 1.02 0.00	111.01 2.15 0.00	163.54 3.93 0.00	194.60 6.84 0.00	177.60 8.65 0.00	173.15 10.29 0.00	155.93 9.26 0.00	164.85 9.88 0.00	134.41 7.28 0.00
MADISON___COUNTY_LFGE 323628	69.53 0.90 0.00	59.57 0.87 0.00	59.04 0.91 0.00	59.29 0.92 0.00	58.98 0.94 0.00	56.45 0.99 0.00	53.46 1.29 0.02	67.52 1.43 0.73	78.81 1.68 1.15	79.57 1.66 1.88	93.91 1.75 3.24	44.43 0.74 0.68	65.58 1.11 0.54	73.99 1.33 1.21	75.03 0.92 0.16	82.33 0.94 0.00	110.05 1.18 0.00	160.89 1.28 0.00	189.60 1.84 0.00	170.54 1.59 0.00	164.40 1.54 0.00	147.90 1.22 0.00	156.08 1.11 0.00	127.92 0.80 0.00
MALONE___115KV_TB1 356076	69.56 0.93 0.00	59.58 0.88 0.00	58.93 0.80 0.00	59.10 0.74 0.00	58.84 0.81 0.00	56.58 1.12 0.00	53.03 0.84 0.00	68.40 1.57 0.00	80.64 2.35 0.00	82.47 2.68 0.00	98.94 3.55 0.00	45.78 1.42 0.00	66.53 1.52 0.00	75.44 1.57 0.00	75.35 1.08 0.00	82.38 0.99 0.00	109.24 0.37 0.00	161.52 1.91 0.00	191.23 3.47 0.00	172.71 3.76 0.00	166.06 3.21 0.00	149.25 2.58 0.00	159.36 4.40 0.00	131.07 3.95 0.00
MAPLEWOD_115KV_TB3 80458	71.68 3.05 0.00	61.25 2.55 0.00	60.66 2.54 0.00	60.89 2.52 0.00	60.53 2.50 0.00	57.67 2.21 0.00	54.03 1.84 0.00	69.36 2.53 0.00	81.18 2.90 0.00	82.78 3.00 0.00	99.41 4.02 0.00	46.22 1.86 0.00	67.65 2.63 0.00	76.82 2.95 0.00	77.15 2.89 0.00	84.58 3.20 0.00	113.50 4.63 0.00	165.93 6.33 0.00	194.46 6.70 0.00	174.87 5.92 0.00	168.30 5.44 0.00	152.00 5.33 0.00	160.17 5.21 0.00	132.05 4.93 0.00
MAPLE_RIDGE_WT_1 323574	66.91 -1.72 0.00	57.13 -1.57 0.00	56.62 -1.50 0.00	56.84 -1.53 0.00	56.41 -1.62 0.00	54.36 -1.10 0.00	51.81 -0.38 0.00	66.48 -0.35 0.00	78.35 0.07 0.00	79.68 -0.11 0.00	93.49 -1.90 0.00	43.41 -0.96 0.00	63.84 -1.17 0.00	73.67 -0.20 0.00	73.23 -1.04 0.00	79.41 -1.98 0.00	106.12 -2.75 0.00	156.43 -3.17 0.00	185.14 -2.62 0.00	167.55 -1.41 0.00	162.43 -0.43 0.00	146.45 -0.22 0.00	155.06 0.09 0.00	127.25 0.13 0.00
MAPLE_RIDGE_WT_2 323611	66.91 -1.72 0.00	57.13 -1.57 0.00	56.62 -1.50 0.00	56.84 -1.53 0.00	56.41 -1.62 0.00	54.36 -1.10 0.00	51.81 -0.38 0.00	66.48 -0.35 0.00	78.35 0.07 0.00	79.68 -0.11 0.00	93.49 -1.90 0.00	43.41 -0.96 0.00	63.84 -1.17 0.00	73.67 -0.20 0.00	73.23 -1.04 0.00	79.41 -1.98 0.00	106.12 -2.75 0.00	156.43 -3.17 0.00	185.14 -2.62 0.00	167.55 -1.41 0.00	162.43 -0.43 0.00	146.45 -0.22 0.00	155.06 0.09 0.00	127.25 0.13 0.00
MARBLE_RIVER_WT_PWR 323696	68.52 -0.11 0.00	58.72 0.02 0.00	58.10 -0.03 0.00	58.32 -0.05 0.00	58.07 0.04 0.00	55.82 0.36 0.00	52.22 0.03 0.00	67.30 0.47 0.00	79.23 0.95 0.00	81.00 1.21 0.00	96.80 1.41 0.00	44.77 0.41 0.00	65.22 0.21 0.00	73.97 0.10 0.00	73.89 -0.38 0.00	80.74 -0.65 0.00	106.67 -2.20 0.00	156.87 -2.74 0.00	185.61 -2.15 0.00	167.48 -1.47 0.00	161.04 -1.82 0.00	144.96 -1.71 0.00	154.57 -0.39 0.00	127.30 0.18 0.00
MARSHVLE_115KV_TB1 80742	69.08 0.45 0.00	59.11 0.41 0.00	58.42 0.29 0.00	58.70 0.33 0.00	58.43 0.39 0.00	55.93 0.48 0.00	52.93 0.74 0.00	67.97 1.32 0.18	79.50 1.49 0.28	80.56 1.23 0.46	95.51 0.91 0.79	44.50 0.30 0.17	65.41 0.53 0.13	74.39 0.81 0.29	74.83 0.60 0.04	81.97 0.58 0.00	109.97 1.10 0.00	162.04 2.44 0.00	191.11 3.35 0.00	172.10 3.15 0.00	166.07 3.21 0.00	149.50 2.82 0.00	158.48 3.52 0.00	129.55 2.43 0.00
MARSH_HILL_WT_PWR 323713	62.02 -6.62 0.00	53.14 -5.57 0.00	52.55 -5.57 0.00	52.97 -5.40 0.00	52.65 -5.38 0.00	49.86 -5.60 0.00	46.57 -5.59 0.03	56.46 -8.93 1.43	65.36 -10.69 2.24	64.31 -11.82 3.67	166.14 -14.60 -85.34	65.59 -7.21 -28.44	53.57 -10.38 1.06	59.06 -12.46 2.35	62.90 -11.05 0.33	70.55 -10.84 0.00	96.94 -11.93 0.00	157.50 -11.25 -9.15	203.57 -5.57 -21.39	166.58 -2.37 0.00	162.36 -0.50 0.00	146.13 -0.54 0.00	155.99 1.02 0.00	127.89 0.76 0.00
MCINTYRE_115KV_TB2 80467	70.27 1.64 0.00	60.23 1.53 0.00	59.62 1.49 0.00	59.86 1.49 0.00	59.55 1.51 0.00	56.97 1.52 0.00	53.53 1.34 0.00	68.85 2.02 0.00	80.86 2.57 0.00	82.47 2.68 0.00	98.32 2.93 0.00	45.77 1.40 0.00	66.87 1.86 0.00	75.75 1.88 0.00	75.96 1.69 0.00	83.11 1.72 0.00	110.90 2.03 0.00	162.98 3.38 0.00	191.94 4.18 0.00	173.04 4.09 0.00	166.48 3.62 0.00	149.59 2.92 0.00	159.44 4.48 0.00	130.83 3.70 0.00
MECO_____69_KV_BK1 80468	71.35 2.72 0.00	60.99 2.28 0.00	60.31 2.18 0.00	60.57 2.21 0.00	60.31 2.27 0.00	57.74 2.28 0.00	54.66 2.47 0.00	70.38 3.55 0.00	82.35 4.06 0.00	83.58 3.80 0.00	99.13 3.74 0.00	46.01 1.65 0.00	67.40 2.39 0.00	76.72 2.85 0.00	77.45 3.18 0.00	85.05 3.66 0.00	114.47 5.60 0.00	168.62 9.01 0.00	198.64 10.88 0.00	178.71 9.76 0.00	172.32 9.47 0.00	154.91 8.24 0.00	163.55 8.58 0.00	133.68 6.56 0.00
MENANDS___115KV_TB5 355628	71.51 2.88 0.00	61.11 2.41 0.00	60.54 2.41 0.00	60.76 2.40 0.00	60.39 2.36 0.00	57.51 2.05 0.00	53.80 1.61 0.00	69.06 2.23 0.00	80.83 2.54 0.00	82.43 2.65 0.00	99.03 3.63 0.00	46.06 1.70 0.00	67.39 2.38 0.00	76.53 2.66 0.00	76.86 2.59 0.00	84.22 2.84 0.00	112.96 4.09 0.00	165.03 5.42 0.00	193.27 5.51 0.00	173.87 4.92 0.00	167.31 4.46 0.00	151.16 4.49 0.00	159.30 4.34 0.00	131.61 4.49 0.00
MG INDUSTRY___DRP 24185	71.21 2.57 0.00	60.93 2.23 0.00	60.36 2.23 0.00	60.58 2.22 0.00	60.22 2.18 0.00	57.35 1.89 0.00	53.72 1.53 0.00	68.89 2.06 0.00	80.59 2.30 0.00	82.15 2.36 0.00	98.54 3.15 0.00	45.83 1.47 0.00	67.04 2.03 0.00	76.24 2.37 0.00	76.50 2.23 0.00	83.89 2.50 0.00	112.54 3.67 0.00	164.27 4.66 0.00	192.53 4.77 0.00	173.18 4.23 0.00	166.81 3.95 0.00	150.64 3.97 0.00	158.88 3.92 0.00	131.05 3.92 0.00

MID___OSWEGATCHIE_HYD 23849	67.57 -1.06 0.00	57.74 -0.96 0.00	57.09 -1.04 0.00	57.30 -1.07 0.00	57.03 -1.01 0.00	54.91 -0.55 0.00	52.05 -0.14 0.00	66.98 0.15 0.00	79.22 0.93 0.00	80.86 1.08 0.00	95.77 0.38 0.00	44.24 -0.12 0.00	64.69 -0.32 0.00	74.49 0.62 0.00	73.60 -0.67 0.00	79.71 -1.68 0.00	106.53 -2.34 0.00	156.90 -2.71 0.00	186.15 -1.61 0.00	169.63 0.68 0.00	165.05 2.19 0.00	148.86 2.19 0.00	158.90 3.94 0.00	130.15 3.03 0.00
MID___RAQUETTE_HYD 23851	68.61 -0.02 0.00	58.87 0.17 0.00	58.25 0.12 0.00	58.47 0.10 0.00	58.15 0.12 0.00	55.63 0.17 0.00	52.15 -0.04 0.00	67.11 0.28 0.00	78.96 0.67 0.00	80.61 0.82 0.00	96.08 0.69 0.00	44.65 0.28 0.00	65.21 0.20 0.00	74.08 0.20 0.00	73.81 -0.46 0.00	80.47 -0.92 0.00	106.95 -1.92 0.00	157.24 -2.37 0.00	185.42 -2.34 0.00	167.61 -1.34 0.00	161.60 -1.25 0.00	145.51 -1.16 0.00	155.70 0.73 0.00	128.12 0.99 0.00
MILLIKEN___1 23584	68.52 -0.12 0.00	58.62 -0.08 0.00	58.03 -0.10 0.00	58.29 -0.07 0.00	58.02 -0.02 0.00	55.35 -0.11 0.00	51.98 -0.18 0.03	63.89 -1.64 1.31	74.27 -1.98 2.04	74.22 -2.21 3.35	95.72 -2.75 -3.08	44.51 -1.51 -1.66	62.12 -1.93 0.97	69.19 -2.53 2.15	73.05 -0.93 0.29	81.21 -0.18 0.00	109.46 0.59 0.00	161.40 1.80 0.00	191.09 3.34 0.00	171.97 3.02 0.00	166.12 3.26 0.00	149.19 2.52 0.00	157.96 2.99 0.00	128.99 1.87 0.00
MILLIKEN___2 23585	68.52 -0.12 0.00	58.62 -0.08 0.00	58.03 -0.10 0.00	58.29 -0.07 0.00	58.02 -0.02 0.00	55.35 -0.11 0.00	51.98 -0.18 0.03	63.89 -1.64 1.31	74.27 -1.98 2.04	74.22 -2.21 3.35	95.72 -2.75 -3.08	44.51 -1.51 -1.66	62.12 -1.93 0.97	69.19 -2.53 2.15	73.05 -0.93 0.29	81.21 -0.18 0.00	109.46 0.59 0.00	161.40 1.80 0.00	191.09 3.34 0.00	171.97 3.02 0.00	166.12 3.26 0.00	149.19 2.52 0.00	157.96 2.99 0.00	128.99 1.87 0.00
MILLIKEN___DIESEL 23629	68.52 -0.12 0.00	58.62 -0.08 0.00	58.03 -0.10 0.00	58.29 -0.07 0.00	58.02 -0.02 0.00	55.35 -0.11 0.00	51.98 -0.18 0.03	63.89 -1.64 1.31	74.27 -1.98 2.04	74.22 -2.21 3.35	95.72 -2.75 -3.08	44.51 -1.51 -1.66	62.12 -1.93 0.97	69.19 -2.53 2.15	73.05 -0.93 0.29	81.21 -0.18 0.00	109.46 0.59 0.00	161.40 1.80 0.00	191.09 3.34 0.00	171.97 3.02 0.00	166.12 3.26 0.00	149.19 2.52 0.00	157.96 2.99 0.00	128.99 1.87 0.00
MILLSEAT___LFGE 323607	64.71 -3.92 0.00	55.23 -3.47 0.00	54.53 -3.59 0.00	54.98 -3.39 0.00	54.57 -3.46 0.00	51.59 -3.87 0.00	47.83 -4.33 0.03	59.22 -6.27 1.33	69.11 -7.09 2.09	68.69 -7.68 3.42	68.69 -9.15 17.55	34.94 -4.40 5.03	57.90 -6.12 0.99	64.35 -7.33 2.20	68.05 -5.92 0.30	74.88 -6.51 0.00	101.78 -7.08 0.00	136.05 -7.20 16.36	143.31 -6.21 38.24	162.24 -6.71 0.00	155.81 -7.05 0.00	138.87 -7.80 0.00	149.35 -5.62 0.00	122.98 -4.14 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	71.27 2.63 0.00	60.84 2.14 0.00	60.33 2.20 0.00	60.51 2.15 0.00	60.24 2.21 0.00	57.83 2.37 0.00	54.58 2.40 0.00	69.85 3.03 0.00	83.63 3.29 -2.06	83.22 3.43 0.00	99.98 4.59 0.00	128.91 2.12 -82.43	79.43 2.97 -11.45	122.17 3.20 -45.10	77.46 3.19 0.00	84.80 3.40 0.00	113.61 4.74 0.00	166.29 6.69 0.00	194.92 7.16 0.00	175.12 6.16 0.00	169.00 6.15 0.00	152.29 5.62 0.00	158.89 3.93 0.00	130.05 2.92 0.00
MILLWOOD_13_KV_LOAD 356217	71.42 2.79 0.00	60.97 2.26 0.00	60.46 2.33 0.00	60.64 2.27 0.00	60.36 2.33 0.00	57.96 2.50 0.00	54.70 2.51 0.00	70.03 3.20 0.00	83.83 3.49 -2.06	83.42 3.63 0.00	100.22 4.82 0.00	129.02 2.24 -82.43	79.59 3.13 -11.45	122.34 3.37 -45.10	77.64 3.37 0.00	85.01 3.62 0.00	113.94 5.07 0.00	166.81 7.20 0.00	195.53 7.77 0.00	175.64 6.69 0.00	169.53 6.67 0.00	152.71 6.03 0.00	159.33 4.37 0.00	130.39 3.26 0.00
MODEL_CITY_ENERGY 24167	62.61 -6.02 0.00	53.49 -5.21 0.00	52.77 -5.36 0.00	53.23 -5.13 0.00	52.75 -5.29 0.00	49.62 -5.84 0.00	45.69 -6.47 0.03	56.31 -9.16 1.35	65.67 -10.51 2.11	65.13 -11.20 3.46	61.67 -13.01 20.71	32.25 -6.06 6.05	55.35 -8.66 1.00	61.49 -10.16 2.22	65.31 -8.66 0.30	72.15 -9.24 0.00	98.20 -10.67 0.00	128.42 -12.34 18.84	131.73 -11.98 44.05	157.12 -11.84 0.00	151.02 -11.84 0.00	134.75 -11.92 0.00	145.62 -9.35 0.00	120.44 -6.68 0.00
MODERN_LFGE___ 323580	62.61 -6.02 0.00	53.49 -5.21 0.00	52.77 -5.36 0.00	53.23 -5.13 0.00	52.75 -5.29 0.00	49.62 -5.84 0.00	45.69 -6.47 0.03	56.31 -9.16 1.35	65.67 -10.51 2.11	65.13 -11.20 3.46	61.67 -13.01 20.71	32.25 -6.06 6.05	55.35 -8.66 1.00	61.49 -10.16 2.22	65.31 -8.66 0.30	72.15 -9.24 0.00	98.20 -10.67 0.00	128.42 -12.34 18.84	131.73 -11.98 44.05	157.12 -11.84 0.00	151.02 -11.84 0.00	134.75 -11.92 0.00	145.62 -9.35 0.00	120.44 -6.68 0.00
MOHAWK_PAPER___DRP 24187	71.68 3.05 0.00	61.25 2.55 0.00	60.66 2.54 0.00	60.89 2.52 0.00	60.53 2.50 0.00	57.67 2.21 0.00	54.03 1.84 0.00	69.36 2.53 0.00	81.18 2.90 0.00	82.78 3.00 0.00	99.41 4.02 0.00	46.22 1.86 0.00	67.65 2.63 0.00	76.82 2.95 0.00	77.15 2.89 0.00	84.58 3.20 0.00	113.50 4.63 0.00	165.93 6.33 0.00	194.46 6.70 0.00	174.87 5.92 0.00	168.30 5.44 0.00	152.00 5.33 0.00	160.17 5.21 0.00	132.05 4.93 0.00
MOHICAN___35_KV_115KV_LD 80490	72.61 3.98 0.00	61.94 3.24 0.00	61.34 3.21 0.00	61.66 3.29 0.00	61.37 3.34 0.00	58.65 3.19 0.00	55.43 3.24 0.00	71.36 4.53 0.00	83.49 5.20 0.00	84.95 5.17 0.00	101.69 6.30 0.00	47.21 2.84 0.00	69.03 4.02 0.00	78.28 4.41 0.00	78.62 4.35 0.00	86.44 5.06 0.00	116.62 7.75 0.00	170.75 11.14 0.00	200.55 12.79 0.00	180.15 11.20 0.00	173.71 10.85 0.00	156.79 10.12 0.00	165.21 10.24 0.00	134.99 7.86 0.00
MONGAUP___HYD 23641	71.65 3.02 0.00	61.19 2.49 0.00	60.63 2.51 0.00	60.81 2.44 0.00	60.54 2.51 0.00	58.09 2.63 0.00	54.88 2.69 0.00	70.39 3.56 0.00	80.27 3.91 1.92	83.76 3.97 0.00	100.34 4.95 0.00	-30.39 2.18 76.93	56.95 2.62 10.68	35.07 3.30 42.10	77.50 3.23 0.00	85.05 3.66 0.00	114.37 5.50 0.00	167.92 8.32 0.00	197.31 9.55 0.00	177.38 8.43 0.00	171.22 8.36 0.00	154.14 7.47 0.00	161.25 6.28 0.00	131.80 4.68 0.00
MONTAUK___DIESEL 23721	74.18 5.55 0.00	62.71 4.01 0.00	62.56 4.43 0.00	61.50 3.14 0.00	60.94 2.91 0.00	58.66 3.19 0.00	97.72 3.65 -41.88	78.23 4.82 -6.59	85.37 5.26 -1.82	113.58 5.76 -28.04	125.56 8.34 -21.83	123.34 2.96 -76.02	78.48 3.34 -10.12	117.26 3.51 -39.88	78.75 4.48 0.00	109.56 4.88 -23.30	129.53 7.36 -13.30	214.62 10.28 -44.73	246.29 11.02 -47.52	240.85 9.73 -62.17	220.43 9.90 -47.67	211.89 8.91 -56.31	167.15 6.04 -6.14	131.54 4.43 0.01
MOONROAD_115KV_HARTFLD_TB1-2 355988	60.69 -7.94 0.00	52.31 -6.39 0.00	51.98 -6.15 0.00	52.98 -5.39 0.00	53.30 -4.74 0.00	50.18 -5.28 0.00	45.92 -6.24 0.03	56.00 -9.45 1.38	66.15 -9.98 2.16	65.04 -11.21 3.54	57.46 -14.53 23.40	30.53 -6.93 6.90	54.67 -9.32 1.02	60.72 -10.88 2.27	65.17 -8.79 0.31	74.39 -7.00 0.00	102.37 -6.49 0.00	154.14 -5.47 0.00	186.04 -1.72 0.00	168.56 -0.39 0.00	163.58 0.72 0.00	146.38 -0.29 0.00	156.81 1.84 0.00	128.15 1.03 0.00

MORRIS_RIDGE___SOLAR 323848	63.02 -5.61 0.00	53.95 -4.75 0.00	53.44 -4.69 0.00	53.88 -4.48 0.00	53.60 -4.43 0.00	50.79 -4.66 0.00	47.30 -4.86 0.03	57.65 -7.76 1.41	66.97 -9.11 2.21	65.96 -10.21 3.62	-6.35 -12.59 89.15	10.00 -6.12 28.24	55.17 -8.79 1.05	61.05 -10.50 2.32	64.80 -9.15 0.32	72.62 -8.77 0.00	99.58 -9.29 0.00	150.35 -9.26 0.00	181.88 -5.88 0.00	164.46 -4.49 0.00	159.15 -3.71 0.00	142.68 -3.99 0.00	152.66 -2.31 0.00	125.25 -1.87 0.00
MORTIMER_115KV_TB3 55949	65.72 -2.92 0.00	56.14 -2.56 0.00	55.47 -2.66 0.00	55.82 -2.54 0.00	55.46 -2.57 0.00	52.75 -2.71 0.00	49.24 -2.93 0.03	61.29 -4.24 1.30	71.56 -4.70 2.02	71.36 -5.11 3.32	83.25 -6.43 5.71	40.12 -3.04 1.20	60.08 -3.98 0.96	67.12 -4.62 2.13	70.54 -3.44 0.29	77.82 -3.57 0.00	105.30 -3.57 0.00	156.16 -3.45 0.00	185.15 -2.61 0.00	165.80 -3.15 0.00	159.26 -3.60 0.00	142.31 -4.36 0.00	151.83 -3.14 0.00	124.48 -2.65 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	71.52 2.89 0.00	61.05 2.35 0.00	60.55 2.42 0.00	60.73 2.36 0.00	60.48 2.45 0.00	58.10 2.64 0.00	54.85 2.66 0.00	70.16 3.34 0.00	83.76 3.65 -1.83	83.61 3.82 0.00	100.49 5.10 0.00	119.95 2.38 -73.21	78.54 3.37 -10.17	117.52 3.59 -40.06	77.91 3.64 0.00	85.22 3.83 0.00	114.16 5.29 0.00	167.08 7.47 0.00	195.78 8.02 0.00	175.81 6.86 0.00	169.61 6.75 0.00	152.83 6.16 0.00	159.27 4.30 0.00	130.33 3.20 0.00
MUNSVILLE_WIND_PWR 323609	71.84 3.21 0.00	61.43 2.73 0.00	60.58 2.46 0.00	60.75 2.38 0.00	60.40 2.37 0.00	57.84 2.38 0.00	55.00 2.84 0.03	68.15 2.52 1.19	78.27 1.85 1.87	77.55 0.82 3.06	97.54 0.35 -1.80	44.97 -0.58 -1.18	63.21 -0.92 0.88	70.19 -1.72 1.96	74.07 0.06 0.26	82.93 1.54 0.00	112.37 3.50 0.00	172.38 6.32 -6.46	212.57 9.71 -15.10	177.86 8.91 0.00	172.19 9.33 0.00	157.95 11.27 0.00	169.03 14.07 0.00	138.16 11.03 0.00
N SALMON___HYD 24042	69.57 0.94 0.00	59.58 0.88 0.00	58.93 0.81 0.00	59.10 0.74 0.00	58.84 0.81 0.00	56.57 1.12 0.00	53.03 0.84 0.00	68.40 1.57 0.00	80.64 2.35 0.00	82.47 2.68 0.00	98.94 3.55 0.00	45.78 1.41 0.00	66.53 1.52 0.00	75.44 1.57 0.00	75.34 1.08 0.00	82.38 0.99 0.00	109.24 0.37 0.00	161.51 1.90 0.00	191.22 3.46 0.00	172.71 3.76 0.00	166.06 3.20 0.00	149.25 2.58 0.00	159.36 4.40 0.00	131.08 3.96 0.00
N.AKRON__115KV_KNAPP 355671	64.21 -4.42 0.00	54.82 -3.88 0.00	54.11 -4.02 0.00	54.56 -3.80 0.00	54.13 -3.90 0.00	51.10 -4.36 0.00	47.28 -4.88 0.03	58.47 -7.02 1.34	68.24 -7.95 2.09	67.75 -8.60 3.43	66.62 -10.28 18.49	34.13 -4.90 5.33	57.22 -6.80 0.99	63.58 -8.09 2.20	67.43 -6.54 0.30	74.36 -7.03 0.00	101.18 -7.69 0.00	151.49 -8.12 0.00	180.53 -7.23 0.00	161.46 -7.49 0.00	155.13 -7.73 0.00	138.34 -8.33 0.00	148.90 -6.07 0.00	122.76 -4.36 0.00
N.E_GEN_SANDY PD 24062	110.70 3.12 -38.95	82.96 2.59 -21.67	76.84 2.62 -16.10	68.55 2.59 -7.59	66.49 2.58 -5.88	58.41 2.44 -0.52	73.07 2.27 -18.60	113.39 2.92 -43.64	116.73 3.26 -35.19	112.39 3.36 -29.25	121.33 4.40 -21.53	118.55 2.06 -72.13	111.21 2.89 -43.31	114.70 3.17 -37.66	110.90 3.11 -33.52	112.57 3.35 -27.83	135.37 4.79 -21.71	166.09 6.48 0.00	195.73 6.86 -1.11	174.79 5.84 0.00	165.28 5.42 3.00	151.30 5.48 0.85	166.00 4.91 -6.13	144.88 4.16 -13.60
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	71.01 2.38 0.00	60.61 1.90 0.00	60.12 2.00 0.00	60.29 1.93 0.00	60.02 1.99 0.00	57.64 2.18 0.00	54.40 2.21 0.00	69.62 2.80 0.00	78.06 2.99 3.22	82.89 3.11 0.00	99.57 4.18 0.00	-82.49 1.93 128.78	49.85 2.73 17.89	6.31 2.90 70.47	77.15 2.88 0.00	84.44 3.05 0.00	113.12 4.25 0.00	165.68 6.07 0.00	194.28 6.52 0.00	174.52 5.57 0.00	168.56 5.70 0.00	151.84 5.17 0.00	158.31 3.35 0.00	129.61 2.49 0.00
N.QUEENS_27_KV_LOAD 356247	71.45 2.82 0.00	61.08 2.38 0.00	60.55 2.43 0.00	60.62 2.26 0.00	60.30 2.26 0.00	57.89 2.43 0.00	54.68 2.49 0.00	70.08 3.25 0.00	83.67 3.55 -1.83	83.58 3.79 0.00	100.90 5.51 0.00	120.28 2.47 -73.44	78.61 3.40 -10.20	117.60 3.55 -40.19	77.92 3.65 0.00	85.19 3.80 0.00	114.01 5.14 0.00	166.82 7.21 0.00	195.41 7.65 0.00	175.61 6.66 0.00	169.45 6.59 0.00	152.69 6.01 0.00	158.98 4.01 0.00	130.37 3.25 0.00
N.TROY___115KV_TB1 355778	71.54 2.91 0.00	61.11 2.41 0.00	60.55 2.42 0.00	60.80 2.43 0.00	60.44 2.41 0.00	57.65 2.19 0.00	54.19 2.00 0.00	69.53 2.70 0.00	81.36 3.07 0.00	82.93 3.14 0.00	99.43 4.04 0.00	46.23 1.87 0.00	67.64 2.63 0.00	76.80 2.93 0.00	77.14 2.87 0.00	84.56 3.18 0.00	113.56 4.69 0.00	166.30 6.69 0.00	195.17 7.41 0.00	175.35 6.40 0.00	168.80 5.94 0.00	152.60 5.93 0.00	160.80 5.83 0.00	132.15 5.03 0.00
NARROWS_GT1_1 24228	71.65 3.02 0.00	61.20 2.50 0.00	60.68 2.55 0.00	60.83 2.46 0.00	60.58 2.55 0.00	58.27 2.81 0.00	55.01 2.82 0.00	70.27 3.44 0.00	83.72 3.60 -1.83	83.51 3.72 0.00	100.27 4.88 0.00	120.14 2.33 -73.44	78.63 3.42 -10.20	117.56 3.51 -40.19	77.94 3.68 0.00	85.05 3.66 0.00	113.84 4.97 0.00	166.84 7.23 0.00	195.58 7.82 0.00	175.61 6.65 0.00	169.59 6.73 0.00	152.68 6.01 0.00	158.87 3.90 0.00	129.94 2.81 0.00
NARROWS_GT1_2 24229	71.65 3.02 0.00	61.20 2.50 0.00	60.68 2.55 0.00	60.83 2.46 0.00	60.58 2.55 0.00	58.27 2.81 0.00	55.01 2.82 0.00	70.27 3.44 0.00	83.72 3.60 -1.83	83.51 3.72 0.00	100.27 4.88 0.00	120.14 2.33 -73.44	78.63 3.42 -10.20	117.56 3.51 -40.19	77.94 3.68 0.00	85.05 3.66 0.00	113.84 4.97 0.00	166.84 7.23 0.00	195.58 7.82 0.00	175.61 6.65 0.00	169.59 6.73 0.00	152.68 6.01 0.00	158.87 3.90 0.00	129.94 2.81 0.00
NARROWS_GT1_3 24230	71.65 3.02 0.00	61.20 2.50 0.00	60.68 2.55 0.00	60.83 2.46 0.00	60.58 2.55 0.00	58.27 2.81 0.00	55.01 2.82 0.00	70.27 3.44 0.00	83.72 3.60 -1.83	83.51 3.72 0.00	100.27 4.88 0.00	120.14 2.33 -73.44	78.63 3.42 -10.20	117.56 3.51 -40.19	77.94 3.68 0.00	85.05 3.66 0.00	113.84 4.97 0.00	166.84 7.23 0.00	195.58 7.82 0.00	175.61 6.65 0.00	169.59 6.73 0.00	152.68 6.01 0.00	158.87 3.90 0.00	129.94 2.81 0.00
NARROWS_GT1_4 24231	71.65 3.02 0.00	61.20 2.50 0.00	60.68 2.55 0.00	60.83 2.46 0.00	60.58 2.55 0.00	58.27 2.81 0.00	55.01 2.82 0.00	70.27 3.44 0.00	83.72 3.60 -1.83	83.51 3.72 0.00	100.27 4.88 0.00	120.14 2.33 -73.44	78.63 3.42 -10.20	117.56 3.51 -40.19	77.94 3.68 0.00	85.05 3.66 0.00	113.84 4.97 0.00	166.84 7.23 0.00	195.58 7.82 0.00	175.61 6.65 0.00	169.59 6.73 0.00	152.68 6.01 0.00	158.87 3.90 0.00	129.94 2.81 0.00
NARROWS_GT1_5 24232	71.65 3.02 0.00	61.20 2.50 0.00	60.68 2.55 0.00	60.83 2.46 0.00	60.58 2.55 0.00	58.27 2.81 0.00	55.01 2.82 0.00	70.27 3.44 0.00	83.72 3.60 -1.83	83.51 3.72 0.00	100.27 4.88 0.00	120.14 2.33 -73.44	78.63 3.42 -10.20	117.56 3.51 -40.19	77.94 3.68 0.00	85.05 3.66 0.00	113.84 4.97 0.00	166.84 7.23 0.00	195.58 7.82 0.00	175.61 6.65 0.00	169.59 6.73 0.00	152.68 6.01 0.00	158.87 3.90 0.00	129.94 2.81 0.00

NARROWS_GT1_6 24233	71.65 3.02 0.00	61.20 2.50 0.00	60.68 2.55 0.00	60.83 2.46 0.00	60.58 2.55 0.00	58.27 2.81 0.00	55.01 2.82 0.00	70.27 3.44 0.00	83.72 3.60 -1.83	83.51 3.72 0.00	100.27 4.88 0.00	120.14 2.33 -73.44	78.63 3.42 -10.20	117.56 3.51 -40.19	77.94 3.68 0.00	85.05 3.66 0.00	113.84 4.97 0.00	166.84 7.23 0.00	195.58 7.82 0.00	175.61 6.65 0.00	169.59 6.73 0.00	152.68 6.01 0.00	158.87 3.90 0.00	129.94 2.81 0.00
NARROWS_GT1_7 24234	71.65 3.02 0.00	61.20 2.50 0.00	60.68 2.55 0.00	60.83 2.46 0.00	60.58 2.55 0.00	58.27 2.81 0.00	55.01 2.82 0.00	70.27 3.44 0.00	83.72 3.60 -1.83	83.51 3.72 0.00	100.27 4.88 0.00	120.14 2.33 -73.44	78.63 3.42 -10.20	117.56 3.51 -40.19	77.94 3.68 0.00	85.05 3.66 0.00	113.84 4.97 0.00	166.84 7.23 0.00	195.58 7.82 0.00	175.61 6.65 0.00	169.59 6.73 0.00	152.68 6.01 0.00	158.87 3.90 0.00	129.94 2.81 0.00
NARROWS_GT1_8 24235	71.65 3.02 0.00	61.20 2.50 0.00	60.68 2.55 0.00	60.83 2.46 0.00	60.58 2.55 0.00	58.27 2.81 0.00	55.01 2.82 0.00	70.27 3.44 0.00	83.72 3.60 -1.83	83.51 3.72 0.00	100.27 4.88 0.00	120.14 2.33 -73.44	78.63 3.42 -10.20	117.56 3.51 -40.19	77.94 3.68 0.00	85.05 3.66 0.00	113.84 4.97 0.00	166.84 7.23 0.00	195.58 7.82 0.00	175.61 6.65 0.00	169.59 6.73 0.00	152.68 6.01 0.00	158.87 3.90 0.00	129.94 2.81 0.00
NARROWS_GT2_1 24236	71.65 3.02 0.00	61.20 2.50 0.00	60.68 2.55 0.00	60.83 2.46 0.00	60.58 2.55 0.00	58.27 2.81 0.00	55.01 2.82 0.00	70.27 3.44 0.00	83.72 3.60 -1.83	83.51 3.72 0.00	100.27 4.88 0.00	120.14 2.33 -73.44	78.63 3.42 -10.20	117.56 3.51 -40.19	77.94 3.68 0.00	85.05 3.66 0.00	113.84 4.97 0.00	166.84 7.23 0.00	195.58 7.82 0.00	175.61 6.65 0.00	169.59 6.73 0.00	152.68 6.01 0.00	158.87 3.90 0.00	129.94 2.81 0.00
NARROWS_GT2_2 24237	71.65 3.02 0.00	61.20 2.50 0.00	60.68 2.55 0.00	60.83 2.46 0.00	60.58 2.55 0.00	58.27 2.81 0.00	55.01 2.82 0.00	70.27 3.44 0.00	83.72 3.60 -1.83	83.51 3.72 0.00	100.27 4.88 0.00	120.14 2.33 -73.44	78.63 3.42 -10.20	117.56 3.51 -40.19	77.94 3.68 0.00	85.05 3.66 0.00	113.84 4.97 0.00	166.84 7.23 0.00	195.58 7.82 0.00	175.61 6.65 0.00	169.59 6.73 0.00	152.68 6.01 0.00	158.87 3.90 0.00	129.94 2.81 0.00
NARROWS_GT2_3 24238	71.65 3.02 0.00	61.20 2.50 0.00	60.68 2.55 0.00	60.83 2.46 0.00	60.58 2.55 0.00	58.27 2.81 0.00	55.01 2.82 0.00	70.27 3.44 0.00	83.72 3.60 -1.83	83.51 3.72 0.00	100.27 4.88 0.00	120.14 2.33 -73.44	78.63 3.42 -10.20	117.56 3.51 -40.19	77.94 3.68 0.00	85.05 3.66 0.00	113.84 4.97 0.00	166.84 7.23 0.00	195.58 7.82 0.00	175.61 6.65 0.00	169.59 6.73 0.00	152.68 6.01 0.00	158.87 3.90 0.00	129.94 2.81 0.00
NARROWS_GT2_4 24239	71.65 3.02 0.00	61.20 2.50 0.00	60.68 2.55 0.00	60.83 2.46 0.00	60.58 2.55 0.00	58.27 2.81 0.00	55.01 2.82 0.00	70.27 3.44 0.00	83.72 3.60 -1.83	83.51 3.72 0.00	100.27 4.88 0.00	120.14 2.33 -73.44	78.63 3.42 -10.20	117.56 3.51 -40.19	77.94 3.68 0.00	85.05 3.66 0.00	113.84 4.97 0.00	166.84 7.23 0.00	195.58 7.82 0.00	175.61 6.65 0.00	169.59 6.73 0.00	152.68 6.01 0.00	158.87 3.90 0.00	129.94 2.81 0.00
NARROWS_GT2_5 24240	71.65 3.02 0.00	61.20 2.50 0.00	60.68 2.55 0.00	60.83 2.46 0.00	60.58 2.55 0.00	58.27 2.81 0.00	55.01 2.82 0.00	70.27 3.44 0.00	83.72 3.60 -1.83	83.51 3.72 0.00	100.27 4.88 0.00	120.14 2.33 -73.44	78.63 3.42 -10.20	117.56 3.51 -40.19	77.94 3.68 0.00	85.05 3.66 0.00	113.84 4.97 0.00	166.84 7.23 0.00	195.58 7.82 0.00	175.61 6.65 0.00	169.59 6.73 0.00	152.68 6.01 0.00	158.87 3.90 0.00	129.94 2.81 0.00
NARROWS_GT2_6 24241	71.65 3.02 0.00	61.20 2.50 0.00	60.68 2.55 0.00	60.83 2.46 0.00	60.58 2.55 0.00	58.27 2.81 0.00	55.01 2.82 0.00	70.27 3.44 0.00	83.72 3.60 -1.83	83.51 3.72 0.00	100.27 4.88 0.00	120.14 2.33 -73.44	78.63 3.42 -10.20	117.56 3.51 -40.19	77.94 3.68 0.00	85.05 3.66 0.00	113.84 4.97 0.00	166.84 7.23 0.00	195.58 7.82 0.00	175.61 6.65 0.00	169.59 6.73 0.00	152.68 6.01 0.00	158.87 3.90 0.00	129.94 2.81 0.00
NARROWS_GT2_7 24242	71.65 3.02 0.00	61.20 2.50 0.00	60.68 2.55 0.00	60.83 2.46 0.00	60.58 2.55 0.00	58.27 2.81 0.00	55.01 2.82 0.00	70.27 3.44 0.00	83.72 3.60 -1.83	83.51 3.72 0.00	100.27 4.88 0.00	120.14 2.33 -73.44	78.63 3.42 -10.20	117.56 3.51 -40.19	77.94 3.68 0.00	85.05 3.66 0.00	113.84 4.97 0.00	166.84 7.23 0.00	195.58 7.82 0.00	175.61 6.65 0.00	169.59 6.73 0.00	152.68 6.01 0.00	158.87 3.90 0.00	129.94 2.81 0.00
NARROWS_GT2_8 24243	71.65 3.02 0.00	61.20 2.50 0.00	60.68 2.55 0.00	60.83 2.46 0.00	60.58 2.55 0.00	58.27 2.81 0.00	55.01 2.82 0.00	70.27 3.44 0.00	83.72 3.60 -1.83	83.51 3.72 0.00	100.27 4.88 0.00	120.14 2.33 -73.44	78.63 3.42 -10.20	117.56 3.51 -40.19	77.94 3.68 0.00	85.05 3.66 0.00	113.84 4.97 0.00	166.84 7.23 0.00	195.58 7.82 0.00	175.61 6.65 0.00	169.59 6.73 0.00	152.68 6.01 0.00	158.87 3.90 0.00	129.94 2.81 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	73.14 4.51 0.00	62.55 3.85 0.00	61.92 3.79 0.00	62.15 3.79 0.00	61.77 3.74 0.00	58.79 3.33 0.00	55.06 2.87 0.00	70.77 3.95 0.00	82.91 4.62 0.00	84.48 4.69 0.00	101.35 5.96 0.00	47.04 2.67 0.00	68.77 3.76 0.00	78.05 4.18 0.00	78.54 4.27 0.00	86.38 4.99 0.00	116.38 7.51 0.00	170.30 10.69 0.00	199.78 12.02 0.00	179.61 10.66 0.00	172.75 9.90 0.00	155.85 9.17 0.00	164.36 9.39 0.00	135.52 8.39 0.00
NCHELSEA_115KV_TR2 355582	72.00 3.37 0.00	61.50 2.79 0.00	60.95 2.82 0.00	61.15 2.78 0.00	60.87 2.84 0.00	58.39 2.93 0.00	55.13 2.94 0.00	70.68 3.85 0.00	82.56 4.28 0.00	84.21 4.42 0.00	101.10 5.70 0.00	46.98 2.61 0.00	68.70 3.70 0.00	77.95 4.08 0.00	78.30 4.03 0.00	85.72 4.33 0.00	114.94 6.08 0.00	168.41 8.80 0.00	197.56 9.81 0.00	177.55 8.60 0.00	171.32 8.46 0.00	154.35 7.68 0.00	161.30 6.33 0.00	131.95 4.83 0.00
NEG CAPITAL___MECHNVIL 23645	72.36 3.73 0.00	61.81 3.11 0.00	61.21 3.08 0.00	61.50 3.13 0.00	61.16 3.13 0.00	58.38 2.92 0.00	55.02 2.83 0.00	70.65 3.82 0.00	82.67 4.38 0.00	84.22 4.43 0.00	100.93 5.54 0.00	46.90 2.53 0.00	68.62 3.61 0.00	77.87 4.00 0.00	78.24 3.97 0.00	85.91 4.52 0.00	115.62 6.75 0.00	169.40 9.79 0.00	198.84 11.08 0.00	178.64 9.69 0.00	172.10 9.24 0.00	155.31 8.64 0.00	163.64 8.67 0.00	134.07 6.95 0.00
NEG CENTRAL_HIGH_ACRES 23767	64.89 -3.74 0.00	55.44 -3.26 0.00	54.81 -3.32 0.00	55.15 -3.22 0.00	54.82 -3.21 0.00	52.23 -3.22 0.00	48.94 -3.23 0.03	61.03 -4.58 1.23	71.20 -5.17 1.91	71.13 -5.53 3.14	83.22 -6.78 5.39	40.01 -3.21 1.14	59.67 -4.43 0.91	66.75 -5.11 2.01	69.88 -4.11 0.27	77.16 -4.23 0.00	104.21 -4.66 0.00	146.69 -5.33 7.58	164.92 -5.10 17.73	163.64 -5.31 0.00	157.25 -5.61 0.00	140.68 -5.99 0.00	149.57 -5.40 0.00	122.49 -4.63 0.00

NEG CENTRAL___DRP 24199	67.02 -1.61 0.00	57.30 -1.40 0.00	56.71 -1.42 0.00	57.01 -1.36 0.00	56.71 -1.32 0.00	54.10 -1.36 0.00	50.82 -1.35 0.02	63.49 -2.35 0.99	74.05 -2.69 1.54	74.39 -2.87 2.53	87.38 -3.66 4.35	41.64 -1.80 0.92	61.83 -2.45 0.73	69.29 -2.96 1.62	72.11 -1.94 0.22	79.68 -1.71 0.00	107.46 -1.40 0.00	158.51 -1.10 0.00	187.44 -0.32 0.00	168.31 -0.64 0.00	162.17 -0.69 0.00	145.29 -1.38 0.00	153.93 -1.04 0.00	125.92 -1.20 0.00
NEG CENTRAL___INDECK 23768	64.58 -4.05 0.00	55.13 -3.58 0.00	54.52 -3.60 0.00	54.95 -3.41 0.00	54.68 -3.35 0.00	51.96 -3.50 0.00	48.70 -3.46 0.03	60.27 -5.18 1.38	70.20 -5.93 2.15	69.67 -6.59 3.53	155.36 -8.65 -68.62	63.19 -4.15 -22.98	58.00 -5.99 1.02	63.84 -7.78 2.26	66.67 -7.28 0.31	73.23 -8.16 0.00	99.63 -9.24 0.00	149.04 -10.56 0.00	178.85 -8.91 0.00	161.29 -7.66 0.00	155.22 -7.64 0.00	138.87 -7.80 0.00	147.80 -7.16 0.00	121.15 -5.97 0.00
NEG CENTRAL___SENECA 23627	66.81 -1.82 0.00	57.11 -1.59 0.00	56.50 -1.63 0.00	56.82 -1.55 0.00	56.51 -1.52 0.00	53.90 -1.56 0.00	50.61 -1.55 0.02	63.21 -2.51 1.11	73.74 -2.81 1.73	73.90 -3.05 2.84	86.61 -3.91 4.87	41.42 -1.92 1.03	61.60 -2.59 0.82	69.00 -3.06 1.82	72.01 -2.01 0.25	79.53 -1.86 0.00	107.40 -1.47 0.00	158.62 -0.99 0.00	187.61 -0.14 0.00	168.35 -0.60 0.00	162.05 -0.81 0.00	145.06 -1.61 0.00	153.83 -1.14 0.00	125.87 -1.25 0.00
NEG CENTRAL___STATE_STREET 24147	67.73 -0.90 0.00	57.95 -0.75 0.00	57.38 -0.75 0.00	57.66 -0.71 0.00	57.38 -0.65 0.00	54.56 -0.90 0.00	51.31 -0.86 0.02	64.06 -1.83 0.95	74.70 -2.10 1.48	75.12 -2.24 2.43	88.35 -2.86 4.18	42.03 -1.46 0.88	62.34 -1.96 0.70	69.69 -2.63 1.56	72.47 -1.58 0.21	80.18 -1.21 0.00	108.01 -0.86 0.00	159.12 -0.49 0.00	188.12 0.36 0.00	169.10 0.15 0.00	163.56 0.70 0.00	146.38 -0.29 0.00	155.33 0.36 0.00	126.61 -0.51 0.00
NEG MILLWOOD___DRP 24198	72.20 3.57 0.00	61.65 2.95 0.00	61.11 2.98 0.00	61.31 2.95 0.00	61.04 3.01 0.00	58.60 3.14 0.00	55.36 3.17 0.00	71.01 4.19 0.00	83.45 4.64 -0.53	84.55 4.76 0.00	101.55 6.16 0.00	68.34 2.82 -21.16	71.89 3.94 -2.94	89.77 4.32 -11.58	78.62 4.35 0.00	86.11 4.72 0.00	115.42 6.55 0.00	169.15 9.54 0.00	198.42 10.66 0.00	178.30 9.35 0.00	172.01 9.15 0.00	154.97 8.29 0.00	161.76 6.80 0.00	132.28 5.16 0.00
NEG NORTH_FLCN_SEA 23793	69.47 0.84 0.00	59.52 0.82 0.00	58.91 0.78 0.00	59.12 0.75 0.00	58.88 0.86 0.00	56.61 1.15 0.00	53.00 0.81 0.00	68.23 1.40 0.00	80.29 2.01 0.00	82.06 2.27 0.00	98.45 3.06 0.00	45.51 1.15 0.00	66.08 1.07 0.00	74.87 1.00 0.00	74.63 0.36 0.00	81.53 0.14 0.00	107.16 -1.71 0.00	157.81 -1.80 0.00	186.68 -1.08 0.00	168.76 -0.19 0.00	162.26 -0.60 0.00	146.12 -0.55 0.00	155.38 0.41 0.00	128.02 0.90 0.00
NEG NORTH_KES_CHATEGAY 23792	68.72 0.09 0.00	58.87 0.17 0.00	58.23 0.10 0.00	58.44 0.08 0.00	58.19 0.16 0.00	55.99 0.54 0.00	52.39 0.20 0.00	67.53 0.71 0.00	79.55 1.27 0.00	81.33 1.54 0.00	97.27 1.88 0.00	44.99 0.62 0.00	65.48 0.47 0.00	74.21 0.34 0.00	74.14 -0.13 0.00	81.01 -0.38 0.00	107.14 -1.73 0.00	157.81 -1.80 0.00	186.86 -0.90 0.00	168.65 -0.30 0.00	161.99 -0.87 0.00	145.74 -0.93 0.00	155.41 0.45 0.00	127.97 0.84 0.00
NEG NORTH___ALICE_FALLS 23915	69.72 1.09 0.00	59.67 0.97 0.00	59.04 0.91 0.00	59.24 0.87 0.00	59.00 0.96 0.00	56.73 1.27 0.00	53.15 0.96 0.00	68.47 1.64 0.00	80.58 2.30 0.00	82.32 2.53 0.00	98.79 3.40 0.00	45.67 1.31 0.00	66.29 1.28 0.00	75.21 1.34 0.00	75.07 0.80 0.00	82.11 0.72 0.00	108.39 -0.48 0.00	160.14 0.54 0.00	189.59 1.83 0.00	171.25 2.30 0.00	164.59 1.73 0.00	148.12 1.45 0.00	157.52 2.55 0.00	129.71 2.58 0.00
NEG NORTH___LWR_SARANAC 23913	69.72 1.09 0.00	59.67 0.97 0.00	59.04 0.91 0.00	59.24 0.87 0.00	59.00 0.96 0.00	56.73 1.27 0.00	53.15 0.96 0.00	68.47 1.64 0.00	80.58 2.30 0.00	82.32 2.53 0.00	98.79 3.40 0.00	45.67 1.31 0.00	66.29 1.28 0.00	75.21 1.34 0.00	75.07 0.80 0.00	82.11 0.72 0.00	108.39 -0.48 0.00	160.14 0.54 0.00	189.59 1.83 0.00	171.25 2.30 0.00	164.59 1.73 0.00	148.12 1.45 0.00	157.52 2.55 0.00	129.71 2.58 0.00
NEG NORTH___PLATTSBURG 23628	69.72 1.09 0.00	59.67 0.97 0.00	59.04 0.91 0.00	59.24 0.87 0.00	58.99 0.96 0.00	56.73 1.27 0.00	53.15 0.96 0.00	68.47 1.64 0.00	80.57 2.29 0.00	82.32 2.53 0.00	98.79 3.40 0.00	45.67 1.30 0.00	66.29 1.28 0.00	75.21 1.34 0.00	75.07 0.80 0.00	82.11 0.72 0.00	108.39 -0.48 0.00	160.14 0.54 0.00	189.59 1.83 0.00	171.25 2.30 0.00	164.60 1.74 0.00	148.12 1.45 0.00	157.52 2.55 0.00	129.70 2.58 0.00
NEG WEST_LEA_LOCKPORT 23791	62.67 -5.96 0.00	53.52 -5.18 0.00	52.82 -5.31 0.00	53.29 -5.08 0.00	52.83 -5.21 0.00	49.77 -5.69 0.00	45.88 -6.28 0.03	56.55 -8.93 1.35	65.98 -10.20 2.10	65.40 -10.94 3.45	61.39 -13.04 20.95	32.14 -6.10 6.13	55.50 -8.51 1.00	61.67 -9.98 2.21	65.59 -8.38 0.30	72.46 -8.93 0.00	98.60 -10.27 0.00	147.86 -11.75 0.00	176.54 -11.22 0.00	157.95 -11.01 0.00	151.76 -11.10 0.00	135.41 -11.27 0.00	146.12 -8.84 0.00	120.64 -6.48 0.00
NEG WEST___LANCASTR 23811	64.39 -4.24 0.00	55.04 -3.66 0.00	54.42 -3.71 0.00	54.82 -3.55 0.00	54.45 -3.58 0.00	51.54 -3.92 0.00	47.75 -4.41 0.03	58.65 -6.80 1.38	68.49 -7.63 2.16	67.91 -8.34 3.54	63.02 -9.78 22.58	33.01 -4.71 6.64	57.57 -6.42 1.02	64.14 -7.46 2.27	68.18 -5.79 0.31	75.46 -5.93 0.00	102.58 -6.29 0.00	153.78 -5.82 0.00	184.17 -3.59 0.00	164.79 -4.16 0.00	158.70 -4.16 0.00	141.77 -4.90 0.00	152.17 -2.80 0.00	124.72 -2.41 0.00
NEG_PENN_ALLEGHNY 23528	67.60 -1.03 0.00	57.87 -0.83 0.00	57.35 -0.77 0.00	57.60 -0.77 0.00	57.32 -0.71 0.00	54.69 -0.77 0.00	51.24 -0.91 0.03	61.95 -3.37 1.51	72.02 -3.92 2.35	71.70 -4.23 3.85	89.74 -5.12 0.53	42.30 -2.65 -0.58	60.44 -3.45 1.11	67.16 -4.24 2.47	71.84 -2.09 0.34	80.17 -1.22 0.00	108.05 -0.82 0.00	166.18 -0.61 -7.19	205.26 0.70 -16.80	169.78 0.83 0.00	163.86 1.00 0.00	147.36 0.69 0.00	155.99 1.03 0.00	127.62 0.50 0.00
NEG___GEN_MONROE 24207	66.03 -2.60 0.00	56.40 -2.30 0.00	55.77 -2.36 0.00	56.14 -2.23 0.00	55.81 -2.23 0.00	53.12 -2.34 0.00	49.47 -2.70 0.03	61.52 -4.01 1.30	71.81 -4.45 2.03	71.56 -4.90 3.32	81.01 -6.15 8.23	39.40 -2.94 2.02	60.17 -3.88 0.96	67.14 -4.60 2.13	70.64 -3.34 0.29	77.88 -3.51 0.00	105.58 -3.29 0.00	156.86 -2.75 0.00	186.17 -1.59 0.00	166.66 -2.29 0.00	160.06 -2.80 0.00	142.94 -3.74 0.00	152.60 -2.36 0.00	125.42 -1.70 0.00
NEPA___ENERGY 23901	62.64 -5.99 0.00	53.81 -4.89 0.00	53.43 -4.70 0.00	53.93 -4.44 0.00	53.91 -4.12 0.00	50.87 -4.59 0.00	47.03 -5.13 0.03	57.40 -8.05 1.39	67.03 -9.09 2.17	66.38 -9.86 3.55	60.83 -11.91 22.65	31.88 -5.83 6.66	56.23 -7.75 1.03	62.35 -9.25 2.28	66.42 -7.54 0.31	74.42 -6.97 0.00	101.15 -7.72 0.00	150.77 -8.84 0.00	181.37 -6.39 0.00	163.85 -5.11 0.00	158.94 -3.92 0.00	142.20 -4.47 0.00	152.22 -2.75 0.00	124.48 -2.64 0.00

NEVERSINK___HYD 23608	70.54 1.91 0.00	60.25 1.55 0.00	59.74 1.62 0.00	59.99 1.62 0.00	59.73 1.70 0.00	57.32 1.87 0.00	54.21 2.02 0.00	69.58 2.75 0.00	80.66 2.98 0.61	82.87 3.08 0.00	99.42 4.03 0.00	21.89 1.77 24.24	64.19 2.55 3.37	63.35 2.75 13.27	76.84 2.57 0.00	84.26 2.87 0.00	113.18 4.31 0.00	165.84 6.23 0.00	194.83 7.07 0.00	175.09 6.14 0.00	168.96 6.10 0.00	152.07 5.40 0.00	159.00 4.03 0.00	129.87 2.75 0.00
NEWKRMKL_115KV_TB1 55635	71.45 2.82 0.00	61.07 2.37 0.00	60.50 2.37 0.00	60.73 2.36 0.00	60.36 2.33 0.00	57.45 1.99 0.00	53.70 1.51 0.00	68.91 2.08 0.00	80.65 2.37 0.00	82.27 2.48 0.00	98.84 3.45 0.00	45.98 1.62 0.00	67.27 2.26 0.00	76.43 2.56 0.00	76.73 2.46 0.00	84.09 2.70 0.00	112.75 3.87 0.00	164.64 5.03 0.00	192.80 5.04 0.00	173.48 4.53 0.00	166.91 4.05 0.00	150.77 4.10 0.00	158.89 3.92 0.00	131.54 4.42 0.00
NEWTON___FALLS_HYD 23847	67.57 -1.06 0.00	57.74 -0.96 0.00	57.09 -1.04 0.00	57.30 -1.07 0.00	57.03 -1.01 0.00	54.91 -0.55 0.00	52.05 -0.14 0.00	66.98 0.15 0.00	79.22 0.93 0.00	80.86 1.08 0.00	95.77 0.38 0.00	44.24 -0.12 0.00	64.69 -0.32 0.00	74.49 0.62 0.00	73.60 -0.67 0.00	79.71 -1.68 0.00	106.53 -2.34 0.00	156.90 -2.71 0.00	186.15 -1.61 0.00	169.63 0.68 0.00	165.05 2.19 0.00	148.86 2.19 0.00	158.90 3.94 0.00	130.15 3.03 0.00
NGRID_A1_DSASP 323792	62.47 -6.17 0.00	53.31 -5.40 0.00	52.63 -5.49 0.00	53.03 -5.34 0.00	52.57 -5.47 0.00	49.51 -5.95 0.00	45.59 -6.57 0.03	56.16 -9.31 1.35	65.50 -10.66 2.12	64.89 -11.43 3.47	60.29 -13.94 21.16	31.75 -6.42 6.19	55.17 -8.84 1.00	61.44 -10.21 2.23	65.44 -8.52 0.30	72.30 -9.09 0.00	98.04 -10.83 0.00	146.90 -12.70 0.00	175.85 -11.91 0.00	156.22 -12.73 0.00	149.82 -13.04 0.00	133.69 -12.98 0.00	144.44 -10.52 0.00	119.76 -7.36 0.00
NGRID_A2_DSASP 323793	62.47 -6.17 0.00	53.31 -5.40 0.00	52.63 -5.49 0.00	53.03 -5.34 0.00	52.57 -5.47 0.00	49.51 -5.95 0.00	45.59 -6.57 0.03	56.16 -9.31 1.35	65.50 -10.66 2.12	64.89 -11.43 3.47	60.29 -13.94 21.16	31.75 -6.42 6.19	55.17 -8.84 1.00	61.44 -10.21 2.23	65.44 -8.52 0.30	72.30 -9.09 0.00	98.04 -10.83 0.00	146.90 -12.70 0.00	175.85 -11.91 0.00	156.22 -12.73 0.00	149.82 -13.04 0.00	133.69 -12.98 0.00	144.44 -10.52 0.00	119.76 -7.36 0.00
NGRID_A4_DSASP 323807	62.47 -6.17 0.00	53.31 -5.40 0.00	52.63 -5.49 0.00	53.03 -5.34 0.00	52.57 -5.47 0.00	49.51 -5.95 0.00	45.59 -6.57 0.03	56.16 -9.31 1.35	65.50 -10.66 2.12	64.89 -11.43 3.47	60.29 -13.94 21.16	31.75 -6.42 6.19	55.17 -8.84 1.00	61.44 -10.21 2.23	65.44 -8.52 0.30	72.30 -9.09 0.00	98.04 -10.83 0.00	146.90 -12.70 0.00	175.85 -11.91 0.00	156.22 -12.73 0.00	149.82 -13.04 0.00	133.69 -12.98 0.00	144.44 -10.52 0.00	119.76 -7.36 0.00
NIAGARA_115E_LBMP 323715	62.41 -6.21 0.00	53.32 -5.38 0.00	52.59 -5.54 0.00	53.07 -5.30 0.00	52.57 -5.46 0.00	49.41 -6.04 0.00	45.45 -6.71 0.03	55.98 -9.50 1.35	65.26 -10.91 2.11	64.74 -11.59 3.46	60.94 -13.37 21.09	31.97 -6.23 6.17	55.05 -8.96 1.00	61.19 -10.46 2.22	64.99 -8.97 0.30	71.77 -9.62 0.00	97.70 -11.17 0.00	127.15 -13.12 19.34	129.63 -12.91 45.21	156.32 -12.63 0.00	150.30 -12.56 0.00	134.12 -12.55 0.00	145.03 -9.94 0.00	120.08 -7.04 0.00
NIAGARA_115W_LBMP 323714	62.38 -6.25 0.00	53.24 -5.46 0.00	52.55 -5.57 0.00	52.94 -5.43 0.00	52.50 -5.53 0.00	49.43 -6.03 0.00	45.54 -6.63 0.03	56.08 -9.40 1.35	65.39 -10.78 2.12	64.82 -11.50 3.47	60.45 -13.86 21.08	31.82 -6.38 6.17	55.12 -8.89 1.00	61.39 -10.26 2.23	65.30 -8.66 0.30	72.18 -9.20 0.00	97.85 -11.02 0.00	127.22 -12.88 19.50	130.06 -12.11 45.60	155.80 -13.15 0.00	149.40 -13.46 0.00	133.37 -13.31 0.00	144.11 -10.86 0.00	119.56 -7.56 0.00
NIAGARA_230_LBMP 323716	62.83 -5.81 0.00	53.66 -5.04 0.00	52.98 -5.15 0.00	53.40 -4.96 0.00	52.95 -5.08 0.00	49.95 -5.51 0.00	46.05 -6.11 0.03	56.73 -8.74 1.35	66.20 -9.98 2.11	65.64 -10.68 3.46	62.12 -12.91 20.36	32.42 -6.01 5.94	55.77 -8.24 1.00	62.10 -9.55 2.22	66.00 -7.96 0.30	72.96 -8.43 0.00	99.10 -9.77 0.00	129.25 -11.20 19.16	132.31 -10.66 44.79	158.19 -10.76 0.00	151.93 -10.93 0.00	135.63 -11.04 0.00	146.34 -8.62 0.00	120.70 -6.43 0.00
NIAGARA___115KV_198_GIBSON 55903	62.39 -6.24 0.00	53.23 -5.47 0.00	52.55 -5.57 0.00	52.94 -5.43 0.00	52.50 -5.53 0.00	49.43 -6.03 0.00	45.52 -6.64 0.03	56.06 -9.42 1.35	65.38 -10.79 2.12	64.78 -11.54 3.47	60.25 -14.07 21.08	31.73 -6.47 6.17	55.07 -8.94 1.00	61.33 -10.32 2.23	65.34 -8.62 0.30	72.19 -9.20 0.00	97.84 -11.03 0.00	146.61 -12.99 0.00	175.52 -12.24 0.00	155.83 -13.12 0.00	149.44 -13.42 0.00	133.39 -13.29 0.00	144.11 -10.86 0.00	119.55 -7.57 0.00
NIAGARA____ 23760	62.83 -5.81 0.00	53.66 -5.04 0.00	52.98 -5.15 0.00	53.40 -4.96 0.00	52.95 -5.08 0.00	49.95 -5.51 0.00	46.05 -6.11 0.03	56.73 -8.74 1.35	66.20 -9.98 2.11	65.64 -10.68 3.46	61.91 -12.91 20.57	32.37 -6.01 5.99	55.77 -8.24 1.00	62.10 -9.55 2.22	66.00 -7.96 0.30	72.96 -8.43 0.00	99.10 -9.77 0.00	129.16 -11.20 19.24	132.10 -10.66 45.00	158.19 -10.76 0.00	151.93 -10.93 0.00	135.63 -11.04 0.00	146.34 -8.62 0.00	120.70 -6.43 0.00
NINE_MILE_1 23575	65.64 -3.00 0.00	56.14 -2.57 0.00	55.59 -2.54 0.00	55.83 -2.53 0.00	55.54 -2.50 0.00	53.03 -2.42 0.00	49.72 -2.28 0.19	54.51 -3.33 8.99	60.37 -3.87 14.05	52.76 -3.98 23.05	50.95 -4.82 39.63	33.74 -2.27 8.36	55.10 -3.26 6.66	55.36 -3.74 14.78	68.90 -3.36 2.01	77.89 -3.51 0.00	104.47 -4.40 0.00	153.45 -6.15 0.00	180.88 -6.88 0.00	162.69 -6.26 0.00	156.85 -6.01 0.00	141.06 -5.61 0.00	149.15 -5.82 0.00	122.27 -4.85 0.00
NINE_MILE_2 23744	65.64 -3.00 0.00	56.17 -2.54 0.00	55.59 -2.54 0.00	55.83 -2.53 0.00	55.54 -2.50 0.00	53.03 -2.42 0.00	49.72 -2.28 0.20	54.45 -3.32 9.06	60.28 -3.85 14.15	52.60 -3.97 23.22	50.67 -4.81 39.92	33.68 -2.26 8.42	55.05 -3.25 6.71	55.25 -3.73 14.89	68.90 -3.35 2.02	77.89 -3.50 0.00	104.47 -4.40 0.00	153.45 -6.15 0.00	180.90 -6.86 0.00	162.69 -6.26 0.00	156.85 -6.01 0.00	141.06 -5.61 0.00	149.16 -5.81 0.00	122.27 -4.85 0.00
NM_CAPITAL___DRP 24208	71.41 2.78 0.00	61.05 2.34 0.00	60.47 2.34 0.00	60.69 2.32 0.00	60.32 2.29 0.00	57.42 1.96 0.00	53.71 1.52 0.00	68.93 2.10 0.00	80.66 2.38 0.00	82.27 2.48 0.00	98.84 3.45 0.00	45.98 1.62 0.00	67.27 2.26 0.00	76.39 2.52 0.00	76.72 2.45 0.00	84.06 2.67 0.00	112.72 3.85 0.00	164.64 5.03 0.00	192.79 5.03 0.00	173.42 4.46 0.00	166.89 4.03 0.00	150.79 4.12 0.00	158.94 3.97 0.00	131.37 4.24 0.00
NM_CENTRAL___DRP 24181	66.83 -1.80 0.00	57.18 -1.53 0.00	56.61 -1.52 0.00	56.85 -1.51 0.00	56.55 -1.48 0.00	54.03 -1.43 0.00	50.84 -1.32 0.03	63.33 -2.28 1.22	73.75 -2.64 1.90	73.92 -2.75 3.12	86.69 -3.34 5.36	41.63 -1.60 1.13	61.88 -2.23 0.90	69.26 -2.61 2.00	72.02 -1.98 0.27	79.51 -1.89 0.00	106.76 -2.10 0.00	156.88 -2.73 0.00	185.08 -2.68 0.00	166.42 -2.53 0.00	160.40 -2.46 0.00	144.22 -2.46 0.00	152.41 -2.55 0.00	124.84 -2.29 0.00

NM_FRONTIER___DRP 24179	62.39 -6.24 0.00	53.23 -5.47 0.00	52.55 -5.57 0.00	52.94 -5.43 0.00	52.50 -5.53 0.00	49.43 -6.03 0.00	45.52 -6.64 0.03	56.06 -9.42 1.35	65.38 -10.79 2.12	64.78 -11.54 3.47	60.25 -14.07 21.08	31.73 -6.47 6.17	55.07 -8.94 1.00	61.33 -10.32 2.23	65.34 -8.62 0.30	72.19 -9.20 0.00	97.84 -11.03 0.00	146.61 -12.99 0.00	175.52 -12.24 0.00	155.83 -13.12 0.00	149.44 -13.42 0.00	133.39 -13.29 0.00	144.11 -10.86 0.00	119.55 -7.57 0.00
NM_ST_REGIS___HYD 24053	68.90 0.27 0.00	59.09 0.39 0.00	58.47 0.34 0.00	58.67 0.30 0.00	58.36 0.33 0.00	55.91 0.46 0.00	52.41 0.22 0.00	67.51 0.68 0.00	79.48 1.19 0.00	81.17 1.38 0.00	96.96 1.57 0.00	44.99 0.63 0.00	65.61 0.60 0.00	74.47 0.60 0.00	74.25 -0.02 0.00	81.01 -0.37 0.00	107.60 -1.27 0.00	158.49 -1.12 0.00	187.09 -0.67 0.00	169.07 0.12 0.00	162.89 0.04 0.00	146.61 -0.07 0.00	156.79 1.83 0.00	129.02 1.89 0.00
NORTHPORT___1 23551	73.30 4.66 0.00	62.30 3.60 0.00	61.74 3.61 0.00	61.76 3.39 0.00	61.55 3.52 0.00	59.33 3.87 0.00	97.61 3.98 -41.44	78.53 5.11 -6.59	85.76 5.65 -1.82	113.73 5.91 -28.04	124.64 7.41 -21.83	123.60 3.22 -76.02	79.38 4.25 -10.12	118.52 4.78 -39.88	79.68 5.41 0.00	110.57 5.88 -23.30	129.59 7.42 -13.30	129.44 9.40 39.56	128.58 10.27 69.45	128.70 8.92 49.17	129.14 8.90 42.62	129.84 8.26 25.09	128.56 5.61 32.01	131.02 4.37 0.47
NORTHPORT___2 23552	73.30 4.66 0.00	62.30 3.60 0.00	61.74 3.61 0.00	61.76 3.39 0.00	61.55 3.52 0.00	59.33 3.87 0.00	97.61 3.98 -41.44	78.53 5.11 -6.59	85.76 5.65 -1.82	113.73 5.91 -28.04	124.64 7.41 -21.83	123.60 3.22 -76.02	79.38 4.25 -10.12	118.52 4.78 -39.88	79.68 5.41 0.00	110.57 5.88 -23.30	129.59 7.42 -13.30	129.44 9.40 39.56	128.58 10.27 69.45	128.70 8.92 49.17	129.14 8.90 42.62	129.84 8.26 25.09	128.56 5.61 32.01	131.02 4.37 0.47
NORTHPORT___3 23553	73.31 4.68 0.00	62.31 3.61 0.00	61.75 3.62 0.00	61.76 3.39 0.00	61.56 3.52 0.00	59.33 3.87 0.00	97.93 3.98 -41.76	78.57 5.15 -6.59	85.79 5.69 -1.82	113.77 5.95 -28.04	124.66 7.43 -21.83	123.60 3.22 -76.02	79.38 4.25 -10.12	118.55 4.80 -39.88	79.70 5.43 0.00	110.59 5.91 -23.30	129.56 7.39 -13.30	132.52 9.25 36.34	135.16 10.07 62.67	132.30 8.76 45.41	132.47 8.75 39.13	130.78 8.17 24.07	132.12 5.47 28.31	130.97 4.26 0.41
NORTHPORT___4 23650	73.31 4.68 0.00	62.31 3.61 0.00	61.75 3.62 0.00	61.76 3.39 0.00	61.56 3.52 0.00	59.33 3.87 0.00	97.93 3.98 -41.76	78.57 5.15 -6.59	85.79 5.69 -1.82	113.77 5.95 -28.04	124.66 7.43 -21.83	123.60 3.22 -76.02	79.38 4.25 -10.12	118.55 4.80 -39.88	79.70 5.43 0.00	110.59 5.91 -23.30	129.56 7.39 -13.30	132.52 9.25 36.34	135.16 10.07 62.67	132.30 8.76 45.41	132.47 8.75 39.13	130.78 8.17 24.07	132.12 5.47 28.31	130.97 4.26 0.41
NORTHPORT___IC 23718	73.30 4.67 0.00	62.30 3.60 0.00	61.74 3.61 0.00	61.76 3.39 0.00	61.56 3.52 0.00	59.33 3.87 0.00	97.60 3.97 -41.44	78.54 5.13 -6.59	85.77 5.66 -1.82	113.74 5.92 -28.04	124.65 7.43 -21.83	123.60 3.22 -76.02	79.38 4.25 -10.12	118.55 4.80 -39.88	79.67 5.40 0.00	110.57 5.88 -23.30	129.60 7.43 -13.30	129.47 9.43 39.56	128.59 10.28 69.45	128.71 8.93 49.17	129.15 8.90 42.62	129.84 8.26 25.09	128.56 5.61 32.01	131.01 4.36 0.47
NORTH___COUNTRY_ESR 323785	68.51 -0.12 0.00	58.70 0.00 0.00	58.07 -0.06 0.00	58.30 -0.07 0.00	58.05 0.02 0.00	55.82 0.36 0.00	52.22 0.03 0.00	67.33 0.51 0.00	79.27 0.99 0.00	81.06 1.27 0.00	96.90 1.51 0.00	44.80 0.44 0.00	65.28 0.27 0.00	74.01 0.14 0.00	73.95 -0.32 0.00	80.79 -0.60 0.00	106.79 -2.08 0.00	157.17 -2.43 0.00	185.99 -1.77 0.00	167.87 -1.09 0.00	161.31 -1.55 0.00	145.16 -1.51 0.00	154.82 -0.15 0.00	127.47 0.35 0.00
NPX_GEN_1385_PROXY 323591	166.33 6.21 -91.49	140.12 4.93 -76.49	141.51 4.92 -78.46	131.95 4.73 -68.85	115.07 4.83 -52.21	116.10 5.12 -55.52	123.46 5.12 -66.14	79.91 6.49 -6.59	87.32 7.21 -1.82	175.44 7.65 -88.00	198.86 9.48 -93.99	141.58 4.17 -93.04	121.90 5.66 -51.23	187.18 6.37 -106.93	133.78 7.06 -52.46	136.91 7.69 -47.83	157.89 9.88 -39.14	176.22 13.02 -3.59	167.58 14.68 34.86	200.74 12.84 -18.95	132.42 12.18 42.62	133.23 11.64 25.09	249.37 9.29 -85.11	253.01 7.33 -118.55
NPX_GEN_CSC 323557	74.18 5.55 0.00	62.93 4.23 0.00	62.41 4.29 0.00	62.26 3.90 0.00	62.02 3.99 0.00	59.82 4.36 0.00	98.65 4.60 -41.86	79.37 5.95 -6.59	86.61 6.50 -1.82	114.54 6.72 -28.04	125.94 8.72 -21.83	123.96 3.58 -76.02	79.51 4.37 -10.12	118.70 4.95 -39.88	80.16 5.89 0.00	107.48 6.63 -19.46	131.50 9.33 -13.30	217.58 13.03 -44.94	250.12 14.59 -47.77	244.20 12.80 -62.45	223.33 12.58 -47.89	214.72 11.51 -56.53	170.06 8.89 -6.21	133.78 6.67 0.01
NSINS_S_GLNS_FALLS 23858	72.44 3.81 0.00	61.81 3.11 0.00	61.18 3.05 0.00	61.52 3.16 0.00	61.25 3.22 0.00	58.52 3.06 0.00	55.30 3.11 0.00	71.19 4.37 0.00	83.30 5.02 0.00	84.76 4.97 0.00	101.47 6.09 0.00	47.12 2.75 0.00	68.89 3.87 0.00	78.13 4.25 0.00	78.46 4.19 0.00	86.26 4.87 0.00	116.30 7.43 0.00	170.37 10.76 0.00	200.00 12.24 0.00	179.70 10.75 0.00	173.32 10.46 0.00	156.40 9.73 0.00	164.81 9.84 0.00	134.66 7.54 0.00
NUCOR_STEEL___DRP 24197	67.70 -0.93 0.00	57.94 -0.76 0.00	57.37 -0.76 0.00	57.66 -0.71 0.00	57.37 -0.67 0.00	54.52 -0.95 0.00	51.28 -0.89 0.02	64.04 -1.87 0.92	74.70 -2.15 1.43	75.12 -2.31 2.35	88.43 -2.92 4.04	42.05 -1.47 0.85	62.35 -1.98 0.68	69.68 -2.69 1.51	72.41 -1.66 0.20	80.09 -1.30 0.00	107.85 -1.02 0.00	158.78 -0.83 0.00	187.70 -0.06 0.00	168.79 -0.17 0.00	163.38 0.52 0.00	146.24 -0.43 0.00	155.20 0.23 0.00	126.46 -0.66 0.00
NUMBER_THREE_WT_PWR 323818	67.41 -1.22 0.00	57.36 -1.34 0.00	56.65 -1.48 0.00	56.83 -1.53 0.00	56.77 -1.26 0.00	55.25 -0.21 0.00	53.13 0.94 0.00	68.30 1.47 0.00	81.23 2.94 0.00	82.83 3.04 0.00	96.92 1.53 0.00	44.50 0.14 0.00	65.03 0.02 0.00	76.19 2.32 0.00	74.65 0.38 0.00	80.33 -1.06 0.00	108.14 -0.73 0.00	159.61 0.00 0.00	190.78 3.02 0.00	175.27 6.32 0.00	171.97 9.11 0.00	155.13 8.46 0.00	164.33 9.37 0.00	134.04 6.91 0.00
NYISO_LBMP_REFERENCE 24008	68.63 0.00 0.00	58.70 0.00 0.00	58.13 0.00 0.00	58.37 0.00 0.00	58.03 0.00 0.00	55.46 0.00 0.00	52.19 0.00 0.00	66.83 0.00 0.00	78.28 0.00 0.00	79.79 0.00 0.00	95.39 0.00 0.00	44.36 0.00 0.00	65.01 0.00 0.00	73.87 0.00 0.00	74.27 0.00 0.00	81.39 0.00 0.00	108.87 0.00 0.00	159.61 0.00 0.00	187.76 0.00 0.00	168.95 0.00 0.00	162.86 0.00 0.00	146.67 0.00 0.00	154.97 0.00 0.00	127.12 0.00 0.00
NYPA_BRENTWD____GT 24164	73.93 5.30 0.00	62.78 4.08 0.00	62.20 4.07 0.00	62.23 3.86 0.00	62.01 3.98 0.00	59.81 4.34 0.00	100.01 4.49 -43.32	79.22 5.80 -6.59	86.55 6.44 -1.82	114.59 6.77 -28.04	125.63 8.41 -21.83	123.99 3.61 -76.02	79.88 4.75 -10.12	119.11 5.36 -39.88	80.38 6.11 0.00	111.43 6.74 -23.30	131.22 9.05 -13.30	173.24 12.15 -1.48	201.20 13.38 -0.06	182.80 11.48 -2.38	175.75 11.34 -1.55	160.44 10.54 -3.22	161.84 8.13 1.26	133.00 5.90 0.03

NYPA_GOWANUS____GT5 24156	71.65 3.02 0.00	61.20 2.50 0.00	60.68 2.55 0.00	60.83 2.46 0.00	60.58 2.55 0.00	58.27 2.81 0.00	55.01 2.82 0.00	70.27 3.44 0.00	83.70 3.58 -1.83	83.48 3.69 0.00	100.24 4.85 0.00	120.13 2.32 -73.44	78.60 3.39 -10.20	117.53 3.47 -40.19	77.94 3.68 0.00	85.03 3.64 0.00	113.83 4.96 0.00	166.81 7.20 0.00	195.55 7.79 0.00	175.56 6.61 0.00	169.55 6.69 0.00	152.63 5.96 0.00	158.82 3.85 0.00	129.92 2.80 0.00
NYPA_GOWANUS____GT6 24157	71.65 3.02 0.00	61.20 2.50 0.00	60.68 2.55 0.00	60.83 2.46 0.00	60.58 2.55 0.00	58.27 2.81 0.00	55.01 2.82 0.00	70.27 3.44 0.00	83.70 3.58 -1.83	83.48 3.69 0.00	100.24 4.85 0.00	120.13 2.32 -73.44	78.60 3.39 -10.20	117.53 3.47 -40.19	77.94 3.68 0.00	85.03 3.64 0.00	113.83 4.96 0.00	166.81 7.20 0.00	195.55 7.79 0.00	175.56 6.61 0.00	169.55 6.69 0.00	152.63 5.96 0.00	158.82 3.85 0.00	129.92 2.80 0.00
NYPA_HARLEM__RVR__GT1 24160	71.39 2.76 0.00	61.03 2.33 0.00	60.50 2.37 0.00	60.57 2.20 0.00	60.24 2.21 0.00	57.86 2.40 0.00	54.64 2.44 0.00	69.97 3.14 0.00	83.56 3.44 -1.83	83.47 3.68 0.00	100.66 5.27 0.00	120.18 2.37 -73.44	78.49 3.28 -10.20	117.49 3.44 -40.19	77.85 3.58 0.00	85.05 3.66 0.00	113.85 4.98 0.00	166.46 6.85 0.00	195.18 7.42 0.00	175.31 6.36 0.00	169.23 6.37 0.00	152.49 5.82 0.00	158.77 3.80 0.00	130.16 3.04 0.00
NYPA_HARLEM__RVR__GT2 24161	71.39 2.76 0.00	61.03 2.33 0.00	60.50 2.37 0.00	60.57 2.20 0.00	60.24 2.21 0.00	57.86 2.40 0.00	54.64 2.44 0.00	69.97 3.14 0.00	83.56 3.44 -1.83	83.47 3.68 0.00	100.66 5.27 0.00	120.18 2.37 -73.44	78.49 3.28 -10.20	117.49 3.44 -40.19	77.85 3.58 0.00	85.05 3.66 0.00	113.85 4.98 0.00	166.46 6.85 0.00	195.18 7.42 0.00	175.31 6.36 0.00	169.23 6.37 0.00	152.49 5.82 0.00	158.77 3.80 0.00	130.16 3.04 0.00
NYPA_KENT____GT 24152	71.58 2.95 0.00	61.15 2.45 0.00	60.64 2.51 0.00	60.78 2.42 0.00	60.54 2.51 0.00	58.22 2.76 0.00	54.96 2.77 0.00	70.22 3.39 0.00	83.69 3.58 -1.83	83.51 3.72 0.00	100.37 4.98 0.00	120.18 2.38 -73.44	78.62 3.40 -10.20	117.57 3.52 -40.19	77.96 3.69 0.00	85.10 3.71 0.00	113.93 5.06 0.00	166.87 7.27 0.00	195.58 7.82 0.00	175.53 6.58 0.00	169.46 6.60 0.00	152.60 5.93 0.00	158.83 3.86 0.00	129.93 2.81 0.00
NYPA_POUCH1____GT 24155	71.51 2.88 0.00	61.11 2.41 0.00	60.60 2.47 0.00	60.75 2.38 0.00	60.51 2.48 0.00	58.19 2.73 0.00	54.91 2.72 0.00	70.14 3.32 0.00	83.47 3.35 -1.83	83.16 3.37 0.00	99.78 4.39 0.00	119.94 2.14 -73.44	78.40 3.19 -10.20	117.23 3.17 -40.19	77.67 3.40 0.00	84.67 3.28 0.00	113.31 4.44 0.00	166.38 6.78 0.00	195.06 7.30 0.00	175.22 6.27 0.00	169.29 6.43 0.00	152.41 5.74 0.00	158.48 3.52 0.00	129.44 2.32 0.00
NYPA_VERNON____GT2 24162	71.54 2.91 0.00	61.11 2.40 0.00	60.59 2.46 0.00	60.75 2.39 0.00	60.50 2.47 0.00	58.18 2.72 0.00	54.91 2.72 0.00	70.21 3.38 0.00	83.75 3.63 -1.83	83.58 3.79 0.00	100.55 5.15 0.00	120.25 2.45 -73.44	78.67 3.46 -10.20	117.69 3.63 -40.19	78.04 3.77 0.00	85.24 3.85 0.00	114.11 5.24 0.00	167.06 7.45 0.00	195.81 8.05 0.00	175.62 6.67 0.00	169.52 6.66 0.00	152.63 5.96 0.00	158.97 4.01 0.00	130.10 2.98 0.00
NYPA_VERNON____GT3 24163	71.54 2.91 0.00	61.11 2.40 0.00	60.59 2.46 0.00	60.75 2.39 0.00	60.50 2.47 0.00	58.18 2.72 0.00	54.91 2.72 0.00	70.21 3.38 0.00	83.75 3.63 -1.83	83.58 3.79 0.00	100.55 5.15 0.00	120.25 2.45 -73.44	78.67 3.46 -10.20	117.69 3.63 -40.19	78.04 3.77 0.00	85.24 3.85 0.00	114.11 5.24 0.00	167.06 7.45 0.00	195.81 8.05 0.00	175.62 6.67 0.00	169.52 6.66 0.00	152.63 5.96 0.00	158.97 4.01 0.00	130.10 2.98 0.00
NYPA____ASTORIA_CC1 323568	71.43 2.80 0.00	61.03 2.32 0.00	60.51 2.38 0.00	60.64 2.27 0.00	60.40 2.37 0.00	58.09 2.63 0.00	54.81 2.62 0.00	70.07 3.24 0.00	83.58 3.46 -1.83	83.43 3.64 0.00	100.41 5.02 0.00	120.19 2.38 -73.44	78.59 3.38 -10.20	117.55 3.50 -40.19	77.91 3.64 0.00	85.09 3.70 0.00	113.89 5.02 0.00	166.73 7.12 0.00	195.39 7.63 0.00	175.24 6.29 0.00	169.11 6.25 0.00	152.30 5.63 0.00	158.64 3.67 0.00	129.85 2.73 0.00
NYPA____ASTORIA_CC2 323569	71.43 2.80 0.00	61.03 2.32 0.00	60.51 2.38 0.00	60.64 2.27 0.00	60.40 2.37 0.00	58.09 2.63 0.00	54.81 2.62 0.00	70.07 3.24 0.00	83.58 3.46 -1.83	83.43 3.64 0.00	100.41 5.02 0.00	120.19 2.38 -73.44	78.59 3.38 -10.20	117.55 3.50 -40.19	77.91 3.64 0.00	85.09 3.70 0.00	113.89 5.02 0.00	166.73 7.12 0.00	195.39 7.63 0.00	175.24 6.29 0.00	169.11 6.25 0.00	152.30 5.63 0.00	158.64 3.67 0.00	129.85 2.73 0.00
NYPA____HOLTSVILL 23794	73.51 4.88 0.00	62.44 3.74 0.00	61.89 3.76 0.00	61.87 3.50 0.00	61.63 3.60 0.00	59.45 3.98 0.00	98.10 4.15 -41.76	78.79 5.37 -6.59	86.00 5.89 -1.82	113.92 6.10 -28.04	125.03 7.81 -21.83	123.69 3.31 -76.02	79.34 4.20 -10.12	118.49 4.74 -39.88	79.76 5.49 0.00	110.74 6.06 -23.30	130.36 8.19 -13.30	216.07 11.15 -45.30	248.48 12.33 -48.39	242.63 10.78 -62.90	221.76 10.62 -48.28	213.31 9.86 -56.78	168.77 7.32 -6.48	132.63 5.52 0.01
NYPA____HELLGATE_GT1 24158	71.39 2.76 0.00	61.03 2.33 0.00	60.50 2.37 0.00	60.57 2.20 0.00	60.24 2.21 0.00	57.86 2.40 0.00	54.64 2.44 0.00	69.97 3.14 0.00	83.56 3.44 -1.83	83.47 3.68 0.00	100.66 5.27 0.00	120.18 2.37 -73.44	78.49 3.28 -10.20	117.49 3.44 -40.19	77.85 3.58 0.00	85.05 3.66 0.00	113.85 4.98 0.00	166.46 6.85 0.00	195.18 7.42 0.00	175.31 6.36 0.00	169.23 6.37 0.00	152.49 5.82 0.00	158.77 3.80 0.00	130.16 3.04 0.00
NYPA____HELLGATE_GT2 24159	71.39 2.76 0.00	61.03 2.33 0.00	60.50 2.37 0.00	60.57 2.20 0.00	60.24 2.21 0.00	57.86 2.40 0.00	54.64 2.44 0.00	69.97 3.14 0.00	83.56 3.44 -1.83	83.47 3.68 0.00	100.66 5.27 0.00	120.18 2.37 -73.44	78.49 3.28 -10.20	117.49 3.44 -40.19	77.85 3.58 0.00	85.05 3.66 0.00	113.85 4.98 0.00	166.46 6.85 0.00	195.18 7.42 0.00	175.31 6.36 0.00	169.23 6.37 0.00	152.49 5.82 0.00	158.77 3.80 0.00	130.16 3.04 0.00
NYS_BARGE____HYD 23848	62.98 -5.65 0.00	53.78 -4.93 0.00	53.06 -5.06 0.00	53.52 -4.84 0.00	53.08 -4.95 0.00	49.99 -5.47 0.00	46.09 -6.07 0.03	56.85 -8.63 1.34	66.31 -9.87 2.10	65.80 -10.54 3.45	63.07 -12.39 19.93	32.79 -5.77 5.80	55.83 -8.19 1.00	62.02 -9.64 2.21	65.85 -8.11 0.30	72.77 -8.62 0.00	99.06 -9.81 0.00	130.72 -11.06 17.83	135.62 -10.46 41.68	158.48 -10.47 0.00	152.31 -10.55 0.00	135.86 -10.82 0.00	146.64 -8.33 0.00	121.11 -6.01 0.00
OAK ORCHARD____HYD 24046	65.72 -2.91 0.00	56.14 -2.56 0.00	55.47 -2.66 0.00	55.83 -2.54 0.00	55.46 -2.57 0.00	52.75 -2.71 0.00	49.25 -2.91 0.03	61.30 -4.23 1.30	71.57 -4.70 2.02	71.38 -5.09 3.32	83.35 -6.34 5.71	40.17 -2.99 1.20	60.09 -3.96 0.96	67.15 -4.59 2.13	70.53 -3.45 0.29	77.82 -3.57 0.00	105.31 -3.56 0.00	145.93 -3.39 10.29	161.16 -2.55 24.05	165.79 -3.17 0.00	159.25 -3.61 0.00	142.29 -4.38 0.00	151.84 -3.13 0.00	124.48 -2.64 0.00

OAKDALE___35_KV_LOAD 356122	67.25 -1.38 0.00	57.61 -1.10 0.00	57.08 -1.05 0.00	57.33 -1.04 0.00	57.04 -0.99 0.00	54.37 -1.09 0.00	50.88 -1.28 0.03	61.41 -3.95 1.48	71.40 -4.58 2.31	71.10 -4.90 3.79	89.22 -5.86 0.31	42.04 -2.97 -0.64	59.95 -3.96 1.09	66.64 -4.80 2.43	71.29 -2.65 0.33	79.52 -1.87 0.00	107.05 -1.82 0.00	157.44 -2.17 0.00	186.44 -1.32 0.00	167.96 -0.99 0.00	162.24 -0.62 0.00	145.93 -0.74 0.00	154.62 -0.34 0.00	126.53 -0.59 0.00
OCC_CHEM___DRP 24175	62.47 -6.17 0.00	53.31 -5.40 0.00	52.63 -5.49 0.00	53.03 -5.34 0.00	52.57 -5.47 0.00	49.51 -5.95 0.00	45.59 -6.57 0.03	56.16 -9.31 1.35	65.50 -10.66 2.12	64.89 -11.43 3.47	60.29 -13.94 21.16	31.75 -6.42 6.19	55.17 -8.84 1.00	61.44 -10.21 2.23	65.44 -8.52 0.30	72.30 -9.09 0.00	98.04 -10.83 0.00	146.90 -12.70 0.00	175.85 -11.91 0.00	156.22 -12.73 0.00	149.82 -13.04 0.00	133.69 -12.98 0.00	144.44 -10.52 0.00	119.76 -7.36 0.00
OH_GEN_PROXY 24063	62.87 -5.77 0.00	53.70 -5.00 0.00	53.03 -5.10 0.00	53.44 -4.93 0.00	52.99 -5.04 0.00	50.06 -5.40 0.00	46.20 -5.95 0.03	56.97 -8.50 1.35	66.47 -9.70 2.12	65.92 -10.40 3.47	64.19 -12.56 18.65	33.11 -5.88 5.38	55.98 -8.03 1.00	62.37 -9.28 2.22	66.27 -7.70 0.30	69.45 -8.11 3.84	99.59 -9.28 0.00	128.28 -10.58 20.75	129.32 -9.92 48.51	158.87 -10.08 0.00	152.66 -10.20 0.00	136.27 -10.41 0.00	146.87 -8.09 0.00	1.36 -6.30 119.46
OLIN_CORP_DRP 24177	62.51 -6.12 0.00	53.41 -5.29 0.00	52.69 -5.44 0.00	53.14 -5.22 0.00	52.65 -5.38 0.00	49.53 -5.93 0.00	45.56 -6.61 0.03	56.12 -9.36 1.35	65.44 -10.73 2.12	64.87 -11.45 3.47	60.60 -13.40 21.39	31.83 -6.26 6.27	55.17 -8.84 1.00	61.31 -10.34 2.23	65.22 -8.74 0.30	72.01 -9.38 0.00	97.99 -10.88 0.00	146.86 -12.75 0.00	175.31 -12.45 0.00	156.80 -12.14 0.00	150.75 -12.11 0.00	134.55 -12.12 0.00	145.32 -9.65 0.00	120.30 -6.82 0.00
OLIN_CORP_DSASP 323712	62.47 -6.17 0.00	53.31 -5.40 0.00	52.63 -5.49 0.00	53.03 -5.34 0.00	52.57 -5.47 0.00	49.51 -5.95 0.00	45.59 -6.57 0.03	56.16 -9.31 1.35	65.50 -10.66 2.12	64.89 -11.43 3.47	60.29 -13.94 21.16	31.75 -6.42 6.19	55.17 -8.84 1.00	61.44 -10.21 2.23	65.44 -8.52 0.30	72.30 -9.09 0.00	98.04 -10.83 0.00	146.90 -12.70 0.00	175.85 -11.91 0.00	156.22 -12.73 0.00	149.82 -13.04 0.00	133.69 -12.98 0.00	144.44 -10.52 0.00	119.76 -7.36 0.00
ONEIDA_HERK_LFGE 323681	69.67 1.04 0.00	59.44 0.73 0.00	58.77 0.64 0.00	58.95 0.58 0.00	58.76 0.73 0.00	56.74 1.28 0.00	54.15 1.96 0.00	69.52 2.70 0.00	82.10 3.81 0.00	83.73 3.94 0.00	99.02 3.63 0.00	45.74 1.38 0.00	66.96 1.95 0.00	77.41 3.54 0.00	76.85 2.58 0.00	83.39 2.01 0.00	112.34 3.47 0.00	165.38 5.78 0.00	196.29 8.53 0.00	178.54 9.59 0.00	173.50 10.64 0.00	156.14 9.46 0.00	164.91 9.94 0.00	134.52 7.40 0.00
ONEIDA___115KV_TB4 55905	69.53 0.90 0.00	59.57 0.87 0.00	59.04 0.91 0.00	59.29 0.92 0.00	58.98 0.94 0.00	56.45 0.99 0.00	53.46 1.29 0.02	67.52 1.43 0.73	78.81 1.68 1.15	79.57 1.66 1.88	93.91 1.75 3.24	44.43 0.74 0.68	65.58 1.11 0.54	73.99 1.33 1.21	75.03 0.92 0.16	82.33 0.94 0.00	110.05 1.18 0.00	160.89 1.28 0.00	189.60 1.84 0.00	170.54 1.59 0.00	164.40 1.54 0.00	147.90 1.22 0.00	156.08 1.11 0.00	127.92 0.80 0.00
ONONDAGA_REF_OCCRA 23987	67.18 -1.45 0.00	57.52 -1.19 0.00	56.93 -1.20 0.00	57.20 -1.17 0.00	56.93 -1.10 0.00	54.37 -1.09 0.00	51.09 -1.07 0.03	63.34 -2.20 1.28	73.74 -2.53 2.01	73.83 -2.67 3.30	86.45 -3.27 5.67	41.66 -1.51 1.20	62.02 -2.04 0.95	69.13 -2.62 2.11	72.28 -1.71 0.29	79.89 -1.50 0.00	107.40 -1.47 0.00	157.91 -1.69 0.00	186.53 -1.23 0.00	167.73 -1.22 0.00	161.65 -1.21 0.00	145.33 -1.34 0.00	153.63 -1.34 0.00	125.76 -1.37 0.00
ONONDAGA___COGEN 23986	67.10 -1.53 0.00	57.41 -1.29 0.00	56.85 -1.28 0.00	57.11 -1.26 0.00	56.82 -1.21 0.00	54.26 -1.20 0.00	51.06 -1.12 0.02	63.93 -2.10 0.80	74.60 -2.44 1.25	75.19 -2.55 2.05	88.73 -3.14 3.52	42.11 -1.52 0.74	62.33 -2.09 0.59	70.01 -2.55 1.31	72.33 -1.76 0.18	79.83 -1.56 0.00	107.25 -1.62 0.00	157.70 -1.91 0.00	186.13 -1.63 0.00	167.38 -1.57 0.00	161.46 -1.40 0.00	145.08 -1.60 0.00	153.38 -1.59 0.00	125.52 -1.60 0.00
ONTARIO___LFGE 23819	66.82 -1.81 0.00	57.12 -1.59 0.00	56.50 -1.63 0.00	56.82 -1.55 0.00	56.51 -1.52 0.00	53.90 -1.56 0.00	50.61 -1.55 0.02	63.21 -2.51 1.11	73.74 -2.82 1.73	73.90 -3.05 2.84	86.65 -3.87 4.87	41.45 -1.88 1.03	61.61 -2.58 0.82	69.00 -3.06 1.82	72.01 -2.01 0.25	79.53 -1.86 0.00	107.40 -1.47 0.00	152.89 -0.94 5.78	174.17 -0.09 13.50	168.36 -0.59 0.00	162.04 -0.82 0.00	145.05 -1.62 0.00	153.83 -1.14 0.00	125.87 -1.25 0.00
ORANGEVILLE_WT_PWR 323706	62.49 -6.14 0.00	53.48 -5.22 0.00	52.96 -5.17 0.00	53.49 -4.88 0.00	53.19 -4.84 0.00	50.30 -5.16 0.00	46.70 -5.46 0.03	57.16 -8.28 1.39	66.46 -9.64 2.18	65.46 -10.75 3.57	18.02 -13.24 64.13	17.93 -6.31 20.13	55.05 -8.93 1.03	61.01 -10.57 2.29	64.77 -9.19 0.31	72.39 -9.00 0.00	99.29 -9.58 0.00	142.32 -9.39 7.90	162.71 -6.57 18.47	163.28 -5.67 0.00	157.67 -5.19 0.00	141.13 -5.55 0.00	151.38 -3.59 0.00	124.39 -2.73 0.00
ORANGEVILLE___ESR 323794	62.49 -6.14 0.00	53.48 -5.22 0.00	52.96 -5.17 0.00	53.49 -4.88 0.00	53.19 -4.84 0.00	50.30 -5.16 0.00	46.70 -5.46 0.03	57.16 -8.28 1.39	66.46 -9.64 2.18	65.46 -10.75 3.57	18.02 -13.24 64.13	17.93 -6.31 20.13	55.05 -8.93 1.03	61.01 -10.57 2.29	64.77 -9.19 0.31	72.39 -9.00 0.00	99.29 -9.58 0.00	142.32 -9.39 7.90	162.71 -6.57 18.47	163.28 -5.67 0.00	157.67 -5.19 0.00	141.13 -5.55 0.00	151.38 -3.59 0.00	124.39 -2.73 0.00
OSWEGATCHIE___HYD 24044	67.57 -1.06 0.00	57.74 -0.96 0.00	57.09 -1.04 0.00	57.30 -1.07 0.00	57.03 -1.01 0.00	54.91 -0.55 0.00	52.05 -0.13 0.00	66.98 0.16 0.00	79.21 0.93 0.00	80.86 1.08 0.00	95.77 0.38 0.00	44.24 -0.12 0.00	64.69 -0.32 0.00	74.49 0.62 0.00	73.61 -0.66 0.00	79.71 -1.68 0.00	106.52 -2.35 0.00	156.90 -2.71 0.00	186.16 -1.60 0.00	169.63 0.68 0.00	165.04 2.19 0.00	148.86 2.18 0.00	158.90 3.94 0.00	130.15 3.03 0.00
OSWEGO___5 23606	66.12 -2.51 0.00	56.55 -2.16 0.00	55.99 -2.14 0.00	56.24 -2.12 0.00	55.94 -2.09 0.00	53.42 -2.04 0.00	50.32 -1.93 -0.06	66.44 -2.93 -2.54	78.87 -3.39 -3.97	82.79 -3.51 -6.51	102.31 -4.27 -11.19	44.71 -2.01 -2.36	64.02 -2.87 -1.88	74.73 -3.31 -4.18	71.98 -2.85 -0.57	78.46 -2.93 0.00	105.27 -3.60 0.00	154.68 -4.93 0.00	182.39 -5.37 0.00	164.06 -4.90 0.00	158.20 -4.65 0.00	142.24 -4.44 0.00	150.42 -4.54 0.00	123.29 -3.83 0.00
OSWEGO___6 23613	66.12 -2.51 0.00	56.55 -2.16 0.00	55.99 -2.14 0.00	56.24 -2.12 0.00	55.94 -2.09 0.00	53.42 -2.04 0.00	50.32 -1.93 -0.06	66.44 -2.93 -2.54	78.87 -3.39 -3.97	82.79 -3.51 -6.51	102.31 -4.27 -11.19	44.71 -2.01 -2.36	64.02 -2.87 -1.88	74.73 -3.31 -4.18	71.98 -2.85 -0.57	78.46 -2.93 0.00	105.27 -3.60 0.00	154.68 -4.93 0.00	182.39 -5.37 0.00	164.06 -4.90 0.00	158.20 -4.65 0.00	142.24 -4.44 0.00	150.42 -4.54 0.00	123.29 -3.83 0.00

OUTOKUMPU-AB____DRP 24206	63.44 -5.20 0.00	54.11 -4.59 0.00	53.40 -4.73 0.00	53.85 -4.51 0.00	53.40 -4.63 0.00	50.36 -5.10 0.00	46.48 -5.68 0.03	57.24 -8.24 1.36	66.78 -9.38 2.12	66.19 -10.12 3.48	61.03 -12.19 22.17	32.17 -5.68 6.52	56.20 -7.81 1.00	62.52 -9.12 2.23	66.58 -7.39 0.30	73.52 -7.87 0.00	99.86 -9.00 0.00	149.94 -9.66 0.00	179.29 -8.47 0.00	160.09 -8.86 0.00	153.76 -9.10 0.00	137.09 -9.58 0.00	147.86 -7.10 0.00	122.06 -5.07 0.00
OXBOW____BTM 323836	62.89 -5.74 0.00	53.64 -5.06 0.00	52.95 -5.18 0.00	53.37 -5.00 0.00	52.90 -5.13 0.00	49.86 -5.60 0.00	45.98 -6.18 0.03	56.65 -8.82 1.36	66.09 -10.08 2.12	65.51 -10.80 3.47	60.74 -12.98 21.67	32.01 -6.00 6.36	55.66 -8.34 1.00	61.97 -9.68 2.23	65.92 -8.05 0.30	72.69 -8.70 0.00	98.52 -10.35 0.00	128.16 -11.67 19.77	130.70 -10.84 46.23	157.45 -11.50 0.00	151.14 -11.71 0.00	134.77 -11.90 0.00	145.51 -9.45 0.00	120.41 -6.71 0.00
OXBOW____ 24026	62.87 -5.76 0.00	53.63 -5.07 0.00	52.95 -5.18 0.00	53.36 -5.01 0.00	52.91 -5.12 0.00	49.86 -5.60 0.00	45.98 -6.18 0.03	56.64 -8.83 1.35	66.07 -10.09 2.12	65.49 -10.83 3.47	60.58 -13.15 21.67	31.92 -6.09 6.36	55.62 -8.39 1.00	61.92 -9.72 2.23	65.94 -8.03 0.30	72.69 -8.70 0.00	98.52 -10.35 0.00	147.83 -11.78 0.00	176.83 -10.93 0.00	157.45 -11.50 0.00	151.15 -11.71 0.00	134.78 -11.89 0.00	145.51 -9.45 0.00	120.41 -6.72 0.00
OXY_CHEM_DSASP 323612	62.47 -6.17 0.00	53.31 -5.40 0.00	52.63 -5.49 0.00	53.03 -5.34 0.00	52.57 -5.47 0.00	49.51 -5.95 0.00	45.59 -6.57 0.03	56.16 -9.31 1.35	65.50 -10.66 2.12	64.89 -11.43 3.47	60.29 -13.94 21.16	31.75 -6.42 6.19	55.17 -8.84 1.00	61.44 -10.21 2.23	65.44 -8.52 0.30	72.30 -9.09 0.00	98.04 -10.83 0.00	146.90 -12.70 0.00	175.85 -11.91 0.00	156.22 -12.73 0.00	149.82 -13.04 0.00	133.69 -12.98 0.00	144.44 -10.52 0.00	119.76 -7.36 0.00
OZONE_PARK_ESR 323760	72.17 3.53 0.00	61.57 2.87 0.00	61.04 2.91 0.00	61.21 2.85 0.00	60.96 2.93 0.00	58.61 3.15 0.00	55.40 3.21 0.00	70.90 4.07 0.00	84.65 4.53 -1.84	84.48 4.69 0.00	101.53 6.14 0.00	120.81 2.86 -73.58	79.30 4.07 -10.22	118.45 4.32 -40.26	78.66 4.39 0.00	86.07 4.68 0.00	115.34 6.48 0.00	168.91 9.30 0.00	197.94 10.18 0.00	177.69 8.74 0.00	171.54 8.68 0.00	154.46 7.78 0.00	160.85 5.88 0.00	131.51 4.39 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	62.47 -6.17 0.00	53.31 -5.40 0.00	52.63 -5.49 0.00	53.03 -5.34 0.00	52.57 -5.47 0.00	49.51 -5.95 0.00	45.59 -6.57 0.03	56.16 -9.31 1.35	65.50 -10.66 2.12	64.89 -11.43 3.47	60.29 -13.94 21.16	31.75 -6.42 6.19	55.17 -8.84 1.00	61.44 -10.21 2.23	65.44 -8.52 0.30	72.30 -9.09 0.00	98.04 -10.83 0.00	146.90 -12.70 0.00	175.85 -11.91 0.00	156.22 -12.73 0.00	149.82 -13.04 0.00	133.69 -12.98 0.00	144.44 -10.52 0.00	119.76 -7.36 0.00
PACKARD__115KV_DUPONT_184 80571	62.49 -6.14 0.00	53.31 -5.40 0.00	52.63 -5.50 0.00	53.03 -5.34 0.00	52.57 -5.46 0.00	49.52 -5.94 0.00	45.60 -6.56 0.03	56.18 -9.30 1.35	65.50 -10.67 2.12	64.93 -11.39 3.47	60.48 -13.74 21.16	31.84 -6.33 6.20	55.21 -8.80 1.00	61.49 -10.16 2.23	65.43 -8.53 0.30	72.32 -9.07 0.00	98.05 -10.82 0.00	127.48 -12.58 19.54	130.25 -11.82 45.69	156.21 -12.75 0.00	149.79 -13.07 0.00	133.66 -13.01 0.00	144.43 -10.54 0.00	119.75 -7.37 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	71.51 2.88 0.00	61.09 2.39 0.00	60.53 2.41 0.00	60.64 2.28 0.00	60.40 2.36 0.00	58.01 2.55 0.00	54.74 2.55 0.00	70.11 3.28 0.00	83.71 3.59 -1.83	83.62 3.83 0.00	100.69 5.30 0.00	120.20 2.39 -73.44	78.56 3.35 -10.20	117.60 3.54 -40.19	77.89 3.62 0.00	85.13 3.74 0.00	113.97 5.10 0.00	166.87 7.27 0.00	195.57 7.81 0.00	175.63 6.67 0.00	169.51 6.65 0.00	152.71 6.04 0.00	159.10 4.13 0.00	130.33 3.21 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	72.60 3.97 0.00	62.09 3.39 0.00	61.53 3.40 0.00	61.67 3.31 0.00	61.50 3.47 0.00	59.09 3.63 0.00	55.80 3.61 0.00	71.40 4.57 0.00	85.23 5.11 -1.83	85.13 5.34 0.00	102.48 7.09 0.00	120.98 3.17 -73.44	79.68 4.47 -10.20	118.87 4.81 -40.19	79.21 4.94 0.00	86.60 5.22 0.00	116.04 7.17 0.00	170.00 10.39 0.00	199.27 11.51 0.00	179.00 10.05 0.00	172.77 9.91 0.00	155.63 8.96 0.00	162.15 7.18 0.00	132.76 5.64 0.00
PATROON__115KV_TB1 80586	71.65 3.02 0.00	61.23 2.52 0.00	60.65 2.53 0.00	60.88 2.51 0.00	60.51 2.48 0.00	57.61 2.15 0.00	53.85 1.66 0.00	69.12 2.29 0.00	80.89 2.60 0.00	82.54 2.75 0.00	99.15 3.76 0.00	46.13 1.76 0.00	67.47 2.46 0.00	76.67 2.80 0.00	76.97 2.70 0.00	84.36 2.97 0.00	113.15 4.28 0.00	165.25 5.64 0.00	193.49 5.73 0.00	174.10 5.15 0.00	167.49 4.63 0.00	151.28 4.61 0.00	159.41 4.44 0.00	131.92 4.80 0.00
PATTRSNVILLE____SOLAR 323815	70.70 2.07 0.00	60.45 1.75 0.00	59.83 1.70 0.00	60.08 1.72 0.00	59.77 1.74 0.00	57.12 1.66 0.00	53.88 1.69 0.00	69.18 2.35 0.00	80.97 2.68 0.00	82.31 2.52 0.00	98.23 2.84 0.00	45.66 1.29 0.00	66.89 1.88 0.00	75.95 2.08 0.00	76.43 2.17 0.00	83.87 2.48 0.00	112.68 3.81 0.00	165.29 5.69 0.00	194.30 6.54 0.00	174.74 5.79 0.00	168.50 5.64 0.00	151.78 5.11 0.00	160.09 5.12 0.00	131.14 4.02 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	64.45 -4.18 0.00	55.04 -3.66 0.00	54.38 -3.75 0.00	54.79 -3.58 0.00	54.42 -3.62 0.00	51.46 -4.00 0.00	47.65 -4.51 0.03	58.63 -6.82 1.37	68.51 -7.63 2.15	67.92 -8.34 3.52	61.99 -9.86 23.54	32.67 -4.74 6.96	57.56 -6.44 1.02	64.08 -7.54 2.26	68.15 -5.81 0.31	75.40 -5.99 0.00	102.55 -6.32 0.00	154.00 -5.61 0.00	184.41 -3.34 0.00	165.02 -3.94 0.00	158.89 -3.96 0.00	141.87 -4.81 0.00	152.29 -2.68 0.00	125.00 -2.12 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	72.20 3.57 0.00	61.65 2.95 0.00	61.11 2.98 0.00	61.31 2.95 0.00	61.04 3.01 0.00	58.60 3.14 0.00	55.36 3.17 0.00	71.01 4.19 0.00	83.45 4.64 -0.53	84.55 4.76 0.00	101.55 6.16 0.00	68.34 2.82 -21.16	71.89 3.94 -2.94	89.77 4.32 -11.58	78.62 4.35 0.00	86.11 4.72 0.00	115.42 6.55 0.00	169.15 9.54 0.00	198.42 10.66 0.00	178.30 9.35 0.00	172.01 9.15 0.00	154.97 8.29 0.00	161.76 6.80 0.00	132.28 5.16 0.00
PEEKSKILL____ 23653	71.15 2.52 0.00	60.75 2.05 0.00	60.24 2.12 0.00	60.42 2.05 0.00	60.15 2.11 0.00	57.75 2.29 0.00	54.52 2.33 0.00	69.76 2.94 0.00	83.61 3.16 -2.17	83.09 3.30 0.00	99.81 4.42 0.00	133.24 2.05 -86.82	79.94 2.87 -12.06	124.46 3.08 -47.51	77.35 3.08 0.00	84.65 3.26 0.00	113.42 4.55 0.00	166.03 6.42 0.00	194.67 6.91 0.00	174.86 5.91 0.00	168.79 5.94 0.00	152.08 5.41 0.00	158.62 3.66 0.00	129.86 2.74 0.00
PGE MADISON____WINDPWR 24146	71.84 3.21 0.00	61.43 2.73 0.00	60.58 2.46 0.00	60.74 2.38 0.00	60.40 2.37 0.00	57.84 2.38 0.00	55.00 2.84 0.03	68.14 2.51 1.19	78.27 1.86 1.87	77.55 0.82 3.06	97.54 0.35 -1.80	44.97 -0.57 -1.18	63.21 -0.92 0.88	70.20 -1.71 1.96	74.06 0.06 0.26	82.93 1.54 0.00	112.37 3.51 0.00	165.93 6.32 0.00	197.48 9.72 0.00	177.86 8.91 0.00	172.19 9.33 0.00	157.95 11.27 0.00	169.05 14.08 0.00	138.16 11.04 0.00

PIERCEFIELD___HYD 23852	68.61 -0.02 0.00	58.87 0.17 0.00	58.25 0.12 0.00	58.47 0.10 0.00	58.15 0.12 0.00	55.63 0.17 0.00	52.15 -0.04 0.00	67.11 0.28 0.00	78.96 0.67 0.00	80.61 0.82 0.00	96.08 0.69 0.00	44.65 0.28 0.00	65.21 0.20 0.00	74.08 0.20 0.00	73.81 -0.46 0.00	80.47 -0.92 0.00	106.95 -1.92 0.00	157.24 -2.37 0.00	185.42 -2.34 0.00	167.61 -1.34 0.00	161.60 -1.25 0.00	145.51 -1.16 0.00	155.70 0.73 0.00	128.12 0.99 0.00
PINELAWN_CC_1 323563	73.38 4.75 0.00	62.39 3.69 0.00	61.84 3.71 0.00	61.87 3.50 0.00	61.66 3.62 0.00	59.44 3.97 0.00	103.93 4.07 -47.67	78.70 5.28 -6.59	85.96 5.85 -1.82	114.00 6.17 -28.04	124.88 7.66 -21.83	123.69 3.31 -76.02	79.38 4.25 -10.12	118.54 4.79 -39.88	79.73 5.46 0.00	110.70 6.01 -23.30	130.36 8.19 -13.30	170.80 11.04 -0.14	199.11 12.37 1.01	180.09 10.69 -0.45	173.53 10.54 -0.13	157.69 9.78 -1.24	161.11 7.26 1.11	132.53 5.43 0.02
PJM_GEN_HTP_PROXY 323702	71.42 2.79 0.00	60.99 2.29 0.00	60.48 2.35 0.00	60.64 2.28 0.00	60.40 2.37 0.00	58.04 2.58 0.00	54.82 2.63 0.00	70.12 3.29 0.00	83.74 3.62 -1.84	83.55 3.77 0.00	100.40 5.01 0.00	120.46 2.36 -73.74	78.59 3.34 -10.24	117.77 3.56 -40.35	77.90 3.63 0.00	85.20 3.81 0.00	114.08 5.21 0.00	166.97 7.36 0.00	195.62 7.86 0.00	175.65 6.70 0.00	169.45 6.59 0.00	149.64 5.96 3.00	159.04 4.07 0.00	130.11 2.99 0.00
PJM_GEN_KEystone 24065	67.24 -1.39 0.00	57.48 -1.23 0.00	56.99 -1.13 0.00	57.27 -1.10 0.00	55.08 -1.05 1.91	54.38 -1.08 0.00	50.91 -1.26 0.02	63.84 -2.29 0.70	55.91 -2.72 19.66	52.67 -2.93 24.19	28.94 -3.21 63.24	-106.87 -1.57 149.67	44.01 -2.06 18.94	-2.51 -2.64 73.74	72.11 -2.00 0.16	74.87 -1.99 4.53	101.42 -1.99 5.45	108.90 -2.14 48.57	113.09 -1.57 73.10	143.03 -1.59 24.33	161.82 -1.04 0.00	142.42 -1.26 3.00	139.28 -1.45 14.23	125.30 -1.44 0.38
PJM_GEN_NEPTUNE_PROXY 323594	72.28 3.65 0.00	61.54 2.84 0.00	61.01 2.88 0.00	61.11 2.74 0.00	60.88 2.85 0.00	58.62 3.16 0.00	94.18 3.22 -38.77	77.53 4.11 -6.59	84.63 4.52 -1.82	112.57 4.74 -28.04	123.19 5.97 -21.83	123.08 2.70 -76.02	78.78 3.64 -10.12	117.80 4.05 -39.88	78.70 4.43 0.00	109.46 4.77 -23.30	128.59 6.42 -13.30	168.23 8.62 0.00	197.18 9.42 0.00	177.12 8.17 0.00	171.02 8.16 0.00	151.36 7.69 3.00	160.17 5.21 0.00	131.11 3.99 0.00
PJM_GEN_VFT_PROXY 323633	71.07 2.44 0.00	60.67 1.97 0.00	60.19 2.06 0.00	60.35 1.98 0.00	60.12 2.08 0.00	57.78 2.32 0.00	54.57 2.38 0.00	69.78 2.95 0.00	83.29 3.17 -1.84	83.05 3.26 0.00	99.80 4.41 0.00	120.04 2.09 -73.58	78.20 2.97 -10.22	117.25 3.12 -40.26	77.48 3.21 0.00	84.72 3.33 0.00	113.43 4.56 0.00	165.93 6.32 0.00	194.43 6.67 0.00	174.54 5.59 0.00	168.43 5.58 0.00	148.72 5.05 3.00	157.96 3.00 0.00	129.24 2.12 0.00
PLATSBURG_115KV_PMLD1 355749	69.41 0.78 0.00	59.47 0.77 0.00	58.85 0.72 0.00	59.07 0.70 0.00	58.85 0.82 0.00	56.57 1.11 0.00	52.96 0.77 0.00	68.17 1.34 0.00	80.22 1.93 0.00	81.99 2.20 0.00	98.35 2.96 0.00	45.46 1.10 0.00	66.03 1.02 0.00	74.87 1.00 0.00	74.69 0.42 0.00	81.62 0.23 0.00	107.47 -1.40 0.00	158.17 -1.44 0.00	187.21 -0.54 0.00	169.22 0.27 0.00	162.69 -0.17 0.00	146.52 -0.15 0.00	155.82 0.85 0.00	128.36 1.24 0.00
PLEASANTVLY___LBMP 24000	71.22 2.58 0.00	60.84 2.14 0.00	60.33 2.20 0.00	60.51 2.14 0.00	60.22 2.19 0.00	57.72 2.25 0.00	54.43 2.23 0.00	69.66 2.83 0.00	82.10 3.09 -0.72	83.01 3.22 0.00	99.70 4.31 0.00	75.24 1.99 -28.88	71.82 2.80 -4.01	92.73 3.06 -15.80	77.25 2.98 0.00	84.56 3.17 0.00	113.30 4.44 0.00	165.77 6.16 0.00	194.31 6.55 0.00	174.59 5.64 0.00	168.44 5.58 0.00	151.86 5.19 0.00	158.77 3.80 0.00	130.07 2.95 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	71.49 2.86 0.00	61.06 2.36 0.00	60.55 2.42 0.00	60.72 2.35 0.00	60.44 2.41 0.00	58.02 2.56 0.00	54.75 2.56 0.00	70.10 3.27 0.00	83.25 3.57 -1.39	83.51 3.72 0.00	100.32 4.93 0.00	102.27 2.29 -55.61	75.95 3.21 -7.72	107.75 3.45 -30.43	77.72 3.45 0.00	85.10 3.71 0.00	114.04 5.17 0.00	166.90 7.29 0.00	195.62 7.86 0.00	175.71 6.76 0.00	169.56 6.70 0.00	152.79 6.12 0.00	159.46 4.50 0.00	130.51 3.39 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	71.49 2.86 0.00	61.06 2.36 0.00	60.55 2.42 0.00	60.72 2.35 0.00	60.44 2.41 0.00	58.02 2.56 0.00	54.75 2.56 0.00	70.10 3.27 0.00	83.25 3.57 -1.39	83.51 3.72 0.00	100.32 4.93 0.00	102.27 2.29 -55.61	75.95 3.21 -7.72	107.75 3.45 -30.43	77.72 3.45 0.00	85.10 3.71 0.00	114.04 5.17 0.00	166.90 7.29 0.00	195.62 7.86 0.00	175.71 6.76 0.00	169.56 6.70 0.00	152.79 6.12 0.00	159.46 4.50 0.00	130.51 3.39 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	71.91 3.28 0.00	61.45 2.75 0.00	60.90 2.77 0.00	61.09 2.72 0.00	60.80 2.77 0.00	58.30 2.84 0.00	54.99 2.80 0.00	70.46 3.63 0.00	82.31 4.03 0.00	83.95 4.16 0.00	100.80 5.41 0.00	46.84 2.48 0.00	68.53 3.51 0.00	77.77 3.90 0.00	78.08 3.81 0.00	85.53 4.14 0.00	114.70 5.83 0.00	168.06 8.45 0.00	197.12 9.37 0.00	177.20 8.25 0.00	170.90 8.04 0.00	154.28 7.60 0.00	161.35 6.38 0.00	132.01 4.89 0.00
POLETTI_____ 23519	70.56 1.93 0.00	60.32 1.62 0.00	59.80 1.67 0.00	59.86 1.50 0.00	59.58 1.55 0.00	57.34 1.88 0.00	54.17 1.97 0.00	69.23 2.40 0.00	82.64 2.52 -1.83	82.60 2.81 0.00	100.11 4.72 0.00	119.90 2.09 -73.44	78.05 2.84 -10.20	116.92 2.86 -40.19	77.30 3.03 0.00	84.49 3.10 0.00	113.04 4.17 0.00	165.12 5.51 0.00	192.92 5.16 0.00	173.26 4.31 0.00	167.17 4.31 0.00	150.64 3.97 0.00	156.81 1.84 0.00	128.60 1.48 0.00
POMONA___ESR 323819	71.01 2.37 0.00	60.61 1.90 0.00	60.12 2.00 0.00	60.30 1.93 0.00	60.02 1.99 0.00	57.64 2.18 0.00	54.40 2.21 0.00	69.63 2.80 0.00	78.05 2.98 3.22	82.89 3.11 0.00	99.55 4.16 0.00	-82.48 1.94 128.78	49.84 2.72 17.89	6.30 2.89 70.47	77.15 2.88 0.00	84.44 3.05 0.00	113.12 4.25 0.00	165.64 6.03 0.00	194.28 6.52 0.00	174.52 5.57 0.00	168.56 5.70 0.00	151.84 5.17 0.00	158.31 3.35 0.00	129.62 2.50 0.00
PORT_JEFF_3 23555	73.59 4.95 0.00	62.50 3.79 0.00	61.94 3.81 0.00	61.93 3.56 0.00	61.68 3.65 0.00	59.51 4.05 0.00	98.27 4.23 -41.84	78.87 5.46 -6.59	86.11 6.00 -1.82	114.01 6.19 -28.04	125.16 7.94 -21.83	123.74 3.36 -76.02	79.39 4.26 -10.12	118.56 4.81 -39.88	79.84 5.57 0.00	110.86 6.17 -23.30	130.54 8.37 -13.30	216.59 11.41 -45.57	248.55 12.41 -48.38	243.08 10.79 -63.34	222.11 10.69 -48.56	214.10 10.04 -57.39	168.76 7.56 -6.23	132.81 5.70 0.01
PORT_JEFF_4 23616	73.59 4.95 0.00	62.50 3.79 0.00	61.94 3.81 0.00	61.93 3.56 0.00	61.68 3.65 0.00	59.51 4.05 0.00	98.27 4.23 -41.84	78.87 5.46 -6.59	86.11 6.00 -1.82	114.01 6.19 -28.04	125.16 7.94 -21.83	123.74 3.36 -76.02	79.39 4.26 -10.12	118.56 4.81 -39.88	79.84 5.57 0.00	110.86 6.17 -23.30	130.54 8.37 -13.30	216.59 11.41 -45.57	248.55 12.41 -48.38	243.08 10.79 -63.34	222.11 10.69 -48.56	214.10 10.04 -57.39	168.76 7.56 -6.23	132.81 5.70 0.01

PORT_JEFF_IC 23713	73.77 5.14 0.00	62.62 3.92 0.00	62.08 3.95 0.00	62.04 3.68 0.00	61.81 3.77 0.00	59.63 4.17 0.00	98.65 4.36 -42.11	79.06 5.65 -6.59	86.30 6.20 -1.82	114.24 6.41 -28.04	125.44 8.22 -21.83	123.84 3.46 -76.02	79.53 4.39 -10.12	118.71 4.96 -39.88	80.00 5.73 0.00	111.05 6.36 -23.30	130.81 8.64 -13.30	218.16 11.85 -46.70	249.00 12.63 -48.61	244.95 10.90 -65.11	223.34 10.73 -49.74	216.59 10.25 -59.68	168.42 8.00 -5.45	133.12 6.03 0.03
PPL PILGRIM_ST_GT1 24216	73.93 5.30 0.00	62.78 4.08 0.00	62.20 4.07 0.00	62.23 3.86 0.00	62.01 3.98 0.00	59.81 4.34 0.00	100.01 4.49 -43.32	79.22 5.80 -6.59	86.55 6.44 -1.82	114.59 6.77 -28.04	125.63 8.41 -21.83	123.99 3.61 -76.02	79.88 4.75 -10.12	119.11 5.36 -39.88	80.38 6.11 0.00	111.43 6.74 -23.30	131.22 9.05 -13.30	173.24 12.15 -1.48	201.20 13.38 -0.06	182.80 11.48 -2.38	175.75 11.34 -1.55	160.44 10.54 -3.22	161.84 8.13 1.26	133.00 5.90 0.03
PPL PILGRIM_ST_GT2 24217	73.93 5.30 0.00	62.78 4.08 0.00	62.20 4.07 0.00	62.23 3.86 0.00	62.01 3.98 0.00	59.81 4.34 0.00	100.01 4.49 -43.32	79.22 5.80 -6.59	86.55 6.44 -1.82	114.59 6.77 -28.04	125.63 8.41 -21.83	123.99 3.61 -76.02	79.88 4.75 -10.12	119.11 5.36 -39.88	80.38 6.11 0.00	111.43 6.74 -23.30	131.22 9.05 -13.30	173.24 12.15 -1.48	201.20 13.38 -0.06	182.80 11.48 -2.38	175.75 11.34 -1.55	160.44 10.54 -3.22	161.84 8.13 1.26	133.00 5.90 0.03
PPL_SHRM_GT3 24213	74.18 5.55 0.00	62.94 4.24 0.00	62.41 4.29 0.00	62.28 3.92 0.00	62.03 3.99 0.00	59.85 4.39 0.00	98.79 4.63 -41.97	79.38 5.97 -6.59	86.62 6.52 -1.82	114.53 6.71 -28.04	125.94 8.72 -21.83	123.96 3.58 -76.02	79.50 4.36 -10.12	118.68 4.94 -39.88	80.16 5.89 0.00	111.32 6.63 -23.30	131.57 9.40 -13.30	217.64 13.14 -44.89	249.87 14.71 -47.40	244.37 12.96 -62.45	223.44 12.74 -47.84	215.05 11.61 -56.77	169.81 8.95 -5.89	133.86 6.75 0.02
PPL_SHRM_GT4 24214	74.18 5.55 0.00	62.94 4.24 0.00	62.41 4.29 0.00	62.28 3.92 0.00	62.03 3.99 0.00	59.85 4.39 0.00	98.79 4.63 -41.97	79.38 5.97 -6.59	86.62 6.52 -1.82	114.53 6.71 -28.04	125.94 8.72 -21.83	123.96 3.58 -76.02	79.50 4.36 -10.12	118.68 4.94 -39.88	80.16 5.89 0.00	111.32 6.63 -23.30	131.57 9.40 -13.30	217.64 13.14 -44.89	249.87 14.71 -47.40	244.37 12.96 -62.45	223.44 12.74 -47.84	215.05 11.61 -56.77	169.81 8.95 -5.89	133.86 6.75 0.02
PROJECT___ORANGE 1 24174	66.83 -1.80 0.00	57.18 -1.52 0.00	56.61 -1.51 0.00	56.86 -1.51 0.00	56.58 -1.45 0.00	54.04 -1.42 0.00	50.84 -1.33 0.03	63.23 -2.32 1.27	73.60 -2.69 1.99	73.71 -2.81 3.27	86.37 -3.41 5.61	41.55 -1.63 1.19	61.82 -2.25 0.94	69.10 -2.68 2.10	72.00 -1.99 0.28	79.53 -1.87 0.00	106.82 -2.05 0.00	156.92 -2.69 0.00	185.18 -2.58 0.00	166.53 -2.42 0.00	160.53 -2.33 0.00	144.24 -2.43 0.00	152.48 -2.49 0.00	124.91 -2.21 0.00
PROJECT___ORANGE 2 24166	66.83 -1.80 0.00	57.18 -1.52 0.00	56.61 -1.51 0.00	56.86 -1.51 0.00	56.58 -1.45 0.00	54.04 -1.42 0.00	50.84 -1.33 0.03	63.23 -2.32 1.27	73.60 -2.69 1.99	73.71 -2.81 3.27	86.37 -3.41 5.61	41.55 -1.63 1.19	61.82 -2.25 0.94	69.10 -2.68 2.10	72.00 -1.99 0.28	79.53 -1.87 0.00	106.82 -2.05 0.00	156.92 -2.69 0.00	185.18 -2.58 0.00	166.53 -2.42 0.00	160.53 -2.33 0.00	144.24 -2.43 0.00	152.48 -2.49 0.00	124.91 -2.21 0.00
PUCKETT___SOLAR 323809	68.44 -0.19 0.00	58.62 -0.09 0.00	58.00 -0.13 0.00	58.28 -0.09 0.00	57.92 -0.11 0.00	55.26 -0.20 0.00	51.98 -0.18 0.03	63.30 -2.15 1.38	73.51 -2.63 2.15	73.21 -3.05 3.54	91.30 -3.84 0.25	42.76 -2.22 -0.61	61.00 -2.99 1.02	67.94 -3.67 2.27	72.08 -1.88 0.31	80.40 -0.99 0.00	108.47 -0.40 0.00	166.93 0.11 -7.22	206.22 1.59 -16.87	170.76 1.81 0.00	164.77 1.91 0.00	148.69 2.02 0.00	157.90 2.94 0.00	129.20 2.08 0.00
PYRITES___HYD 24023	69.91 1.28 0.00	59.97 1.27 0.00	59.38 1.26 0.00	59.63 1.26 0.00	59.32 1.29 0.00	56.72 1.25 0.00	53.24 1.05 0.00	68.49 1.66 0.00	80.52 2.23 0.00	82.15 2.36 0.00	97.89 2.50 0.00	45.53 1.17 0.00	66.52 1.51 0.00	75.43 1.56 0.00	75.49 1.22 0.00	82.49 1.11 0.00	110.01 1.14 0.00	161.70 2.09 0.00	190.55 2.79 0.00	171.91 2.96 0.00	165.56 2.71 0.00	148.81 2.13 0.00	158.80 3.83 0.00	130.38 3.26 0.00
QUAKERRD_115KV_BK1 80622	64.55 -4.09 0.00	55.16 -3.54 0.00	54.51 -3.62 0.00	54.84 -3.53 0.00	54.52 -3.51 0.00	51.93 -3.53 0.00	48.59 -3.57 0.03	60.54 -5.03 1.26	70.62 -5.70 1.97	70.50 -6.06 3.22	79.82 -7.49 8.07	38.85 -3.53 1.99	59.30 -4.79 0.93	66.29 -5.51 2.07	69.47 -4.52 0.28	76.65 -4.74 0.00	103.49 -5.38 0.00	153.12 -6.49 0.00	181.29 -6.47 0.00	162.47 -6.48 0.00	156.18 -6.68 0.00	139.75 -6.92 0.00	148.69 -6.28 0.00	121.85 -5.28 0.00
QUENSBRY_115KV_TB8 356137	72.53 3.90 0.00	61.85 3.15 0.00	61.23 3.11 0.00	61.55 3.19 0.00	61.29 3.26 0.00	58.56 3.10 0.00	55.40 3.21 0.00	71.34 4.52 0.00	83.48 5.19 0.00	84.93 5.14 0.00	101.67 6.28 0.00	47.19 2.82 0.00	68.97 3.96 0.00	78.24 4.36 0.00	78.58 4.31 0.00	86.41 5.02 0.00	116.56 7.69 0.00	170.70 11.09 0.00	200.46 12.70 0.00	180.11 11.15 0.00	173.75 10.89 0.00	156.77 10.10 0.00	165.20 10.23 0.00	134.86 7.74 0.00
RAMAPO___LBMP 323565	70.76 2.13 0.00	60.41 1.71 0.00	59.92 1.80 0.00	60.11 1.74 0.00	59.83 1.80 0.00	57.45 1.99 0.00	54.22 2.03 0.00	69.38 2.55 0.00	78.00 2.68 2.97	82.58 2.79 0.00	99.17 3.78 0.00	-72.67 1.76 118.79	50.96 2.45 16.50	11.48 2.61 65.00	76.84 2.57 0.00	84.10 2.71 0.00	112.65 3.78 0.00	165.00 5.40 0.00	193.45 5.69 0.00	173.79 4.84 0.00	167.90 5.04 0.00	151.26 4.58 0.00	157.76 2.79 0.00	129.17 2.04 0.00
RANKINE___ 23646	63.92 -4.71 0.00	54.62 -4.09 0.00	53.95 -4.17 0.00	54.40 -3.96 0.00	54.03 -4.00 0.00	51.05 -4.42 0.00	47.21 -4.95 0.03	58.10 -7.36 1.37	67.82 -8.33 2.14	67.19 -9.09 3.51	58.75 -11.03 25.61	31.51 -5.23 7.63	56.89 -7.11 1.01	63.34 -8.28 2.25	67.43 -6.53 0.31	74.70 -6.69 0.00	101.69 -7.18 0.00	152.74 -6.87 0.00	182.95 -4.80 0.00	163.93 -5.02 0.00	157.76 -5.10 0.00	140.82 -5.85 0.00	151.38 -3.59 0.00	124.42 -2.70 0.00
RAVENSWOOD_GT2_1 24244	71.49 2.85 0.00	61.04 2.33 0.00	60.53 2.41 0.00	60.71 2.34 0.00	60.46 2.43 0.00	58.11 2.65 0.00	54.85 2.66 0.00	70.16 3.33 0.00	83.75 3.63 -1.83	83.57 3.78 0.00	100.47 5.08 0.00	120.19 2.38 -73.44	78.60 3.39 -10.20	117.63 3.58 -40.19	77.92 3.65 0.00	85.22 3.83 0.00	114.10 5.23 0.00	167.02 7.41 0.00	195.72 7.96 0.00	175.65 6.70 0.00	169.52 6.67 0.00	152.70 6.02 0.00	159.05 4.09 0.00	130.17 3.04 0.00
RAVENSWOOD_GT2_2 24245	71.49 2.85 0.00	61.04 2.33 0.00	60.53 2.41 0.00	60.71 2.34 0.00	60.46 2.43 0.00	58.11 2.65 0.00	54.85 2.66 0.00	70.16 3.33 0.00	83.75 3.63 -1.83	83.57 3.78 0.00	100.47 5.08 0.00	120.19 2.38 -73.44	78.60 3.39 -10.20	117.63 3.58 -40.19	77.92 3.65 0.00	85.22 3.83 0.00	114.10 5.23 0.00	167.02 7.41 0.00	195.72 7.96 0.00	175.65 6.70 0.00	169.52 6.67 0.00	152.70 6.02 0.00	159.05 4.09 0.00	130.17 3.04 0.00

RAVENSWOOD_GT2_3 24246	71.50 2.87 0.00	61.05 2.34 0.00	60.54 2.41 0.00	60.72 2.35 0.00	60.47 2.44 0.00	58.11 2.65 0.00	54.86 2.67 0.00	70.16 3.34 0.00	83.77 3.65 -1.83	83.59 3.80 0.00	100.49 5.10 0.00	120.21 2.40 -73.44	78.61 3.40 -10.20	117.64 3.59 -40.19	77.93 3.66 0.00	85.24 3.85 0.00	114.15 5.28 0.00	167.08 7.47 0.00	195.76 8.01 0.00	175.68 6.73 0.00	169.57 6.71 0.00	152.72 6.05 0.00	159.12 4.15 0.00	130.17 3.04 0.00
RAVENSWOOD_GT2_4 24247	71.50 2.87 0.00	61.05 2.34 0.00	60.54 2.41 0.00	60.72 2.35 0.00	60.47 2.44 0.00	58.11 2.65 0.00	54.86 2.67 0.00	70.16 3.34 0.00	83.77 3.65 -1.83	83.59 3.80 0.00	100.49 5.10 0.00	120.21 2.40 -73.44	78.61 3.40 -10.20	117.64 3.59 -40.19	77.93 3.66 0.00	85.24 3.85 0.00	114.15 5.28 0.00	167.08 7.47 0.00	195.76 8.01 0.00	175.68 6.73 0.00	169.57 6.71 0.00	152.72 6.05 0.00	159.12 4.15 0.00	130.17 3.04 0.00
RAVENSWOOD_GT3_1 24248	71.50 2.87 0.00	61.05 2.34 0.00	60.53 2.41 0.00	60.72 2.35 0.00	60.47 2.44 0.00	58.11 2.65 0.00	54.85 2.67 0.00	70.16 3.34 0.00	83.76 3.65 -1.83	83.59 3.80 0.00	100.48 5.09 0.00	120.20 2.40 -73.44	78.61 3.40 -10.20	117.64 3.59 -40.19	77.93 3.66 0.00	85.24 3.85 0.00	114.12 5.25 0.00	167.08 7.47 0.00	195.75 7.99 0.00	175.66 6.71 0.00	169.55 6.69 0.00	152.71 6.04 0.00	159.11 4.14 0.00	130.17 3.04 0.00
RAVENSWOOD_GT3_2 24249	71.50 2.87 0.00	61.05 2.34 0.00	60.53 2.41 0.00	60.72 2.35 0.00	60.47 2.44 0.00	58.11 2.65 0.00	54.85 2.67 0.00	70.16 3.34 0.00	83.76 3.65 -1.83	83.59 3.80 0.00	100.48 5.09 0.00	120.20 2.40 -73.44	78.61 3.40 -10.20	117.64 3.59 -40.19	77.93 3.66 0.00	85.24 3.85 0.00	114.12 5.25 0.00	167.08 7.47 0.00	195.75 7.99 0.00	175.66 6.71 0.00	169.55 6.69 0.00	152.71 6.04 0.00	159.11 4.14 0.00	130.17 3.04 0.00
RAVENSWOOD_GT3_3 24250	71.60 2.97 0.00	61.12 2.42 0.00	60.60 2.47 0.00	60.78 2.41 0.00	60.55 2.52 0.00	58.18 2.72 0.00	54.93 2.74 0.00	70.27 3.44 0.00	83.88 3.76 -1.83	83.71 3.93 0.00	100.63 5.24 0.00	120.28 2.47 -73.44	78.72 3.51 -10.20	117.77 3.72 -40.19	78.06 3.79 0.00	85.37 3.98 0.00	114.32 5.46 0.00	167.34 7.73 0.00	196.09 8.33 0.00	176.00 7.05 0.00	169.85 6.99 0.00	152.97 6.30 0.00	159.36 4.40 0.00	130.38 3.26 0.00
RAVENSWOOD_GT3_4 24251	71.60 2.97 0.00	61.12 2.42 0.00	60.60 2.47 0.00	60.78 2.41 0.00	60.55 2.52 0.00	58.18 2.72 0.00	54.93 2.74 0.00	70.27 3.44 0.00	83.88 3.76 -1.83	83.71 3.93 0.00	100.63 5.24 0.00	120.28 2.47 -73.44	78.72 3.51 -10.20	117.77 3.72 -40.19	78.06 3.79 0.00	85.37 3.98 0.00	114.32 5.46 0.00	167.34 7.73 0.00	196.09 8.33 0.00	176.00 7.05 0.00	169.85 6.99 0.00	152.97 6.30 0.00	159.36 4.40 0.00	130.38 3.26 0.00
RAVENSWOOD_GT_1 23729	71.55 2.92 0.00	61.11 2.41 0.00	60.59 2.46 0.00	60.75 2.39 0.00	60.51 2.47 0.00	58.18 2.72 0.00	54.91 2.73 0.00	70.22 3.39 0.00	83.75 3.63 -1.83	83.60 3.81 0.00	100.58 5.19 0.00	120.27 2.46 -73.44	78.69 3.48 -10.20	117.70 3.64 -40.19	78.03 3.76 0.00	85.24 3.85 0.00	114.12 5.25 0.00	167.10 7.49 0.00	195.81 8.05 0.00	175.62 6.67 0.00	169.52 6.66 0.00	152.62 5.95 0.00	158.97 4.01 0.00	130.12 2.99 0.00
RAVENSWOOD_GT_10 24258	71.50 2.87 0.00	61.05 2.34 0.00	60.54 2.41 0.00	60.72 2.35 0.00	60.47 2.44 0.00	58.11 2.65 0.00	54.86 2.67 0.00	70.16 3.34 0.00	83.77 3.65 -1.83	83.59 3.81 0.00	100.49 5.10 0.00	120.20 2.40 -73.44	78.61 3.40 -10.20	117.64 3.59 -40.19	77.93 3.66 0.00	85.24 3.85 0.00	114.16 5.29 0.00	167.08 7.47 0.00	195.76 8.01 0.00	175.71 6.75 0.00	169.57 6.71 0.00	152.73 6.06 0.00	159.13 4.16 0.00	130.19 3.07 0.00
RAVENSWOOD_GT_11 24259	71.50 2.87 0.00	61.05 2.34 0.00	60.54 2.41 0.00	60.72 2.35 0.00	60.47 2.44 0.00	58.11 2.65 0.00	54.86 2.67 0.00	70.16 3.34 0.00	83.77 3.65 -1.83	83.59 3.81 0.00	100.49 5.10 0.00	120.20 2.40 -73.44	78.61 3.40 -10.20	117.64 3.59 -40.19	77.93 3.66 0.00	85.24 3.85 0.00	114.16 5.29 0.00	167.08 7.47 0.00	195.76 8.01 0.00	175.71 6.75 0.00	169.57 6.71 0.00	152.73 6.06 0.00	159.13 4.16 0.00	130.19 3.07 0.00
RAVENSWOOD_GT_4 24252	71.47 2.84 0.00	61.03 2.32 0.00	60.52 2.39 0.00	60.68 2.31 0.00	60.45 2.41 0.00	58.10 2.64 0.00	54.84 2.65 0.00	70.13 3.30 0.00	83.70 3.58 -1.83	83.54 3.76 0.00	100.48 5.09 0.00	120.20 2.39 -73.44	78.60 3.39 -10.20	117.62 3.56 -40.19	77.91 3.65 0.00	85.18 3.79 0.00	114.07 5.20 0.00	166.97 7.36 0.00	195.62 7.86 0.00	175.58 6.63 0.00	169.42 6.56 0.00	152.61 5.94 0.00	158.97 4.01 0.00	130.09 2.97 0.00
RAVENSWOOD_GT_5 24254	71.47 2.84 0.00	61.03 2.32 0.00	60.52 2.39 0.00	60.68 2.31 0.00	60.45 2.41 0.00	58.10 2.64 0.00	54.84 2.65 0.00	70.13 3.30 0.00	83.70 3.58 -1.83	83.54 3.76 0.00	100.48 5.09 0.00	120.20 2.39 -73.44	78.60 3.39 -10.20	117.62 3.56 -40.19	77.91 3.65 0.00	85.18 3.79 0.00	114.07 5.20 0.00	166.97 7.36 0.00	195.62 7.86 0.00	175.58 6.63 0.00	169.42 6.56 0.00	152.61 5.94 0.00	158.97 4.01 0.00	130.09 2.97 0.00
RAVENSWOOD_GT_6 24253	71.47 2.84 0.00	61.03 2.32 0.00	60.52 2.39 0.00	60.68 2.31 0.00	60.45 2.41 0.00	58.10 2.64 0.00	54.84 2.65 0.00	70.13 3.30 0.00	83.70 3.58 -1.83	83.54 3.76 0.00	100.48 5.09 0.00	120.20 2.39 -73.44	78.60 3.39 -10.20	117.62 3.56 -40.19	77.91 3.65 0.00	85.18 3.79 0.00	114.07 5.20 0.00	166.97 7.36 0.00	195.62 7.86 0.00	175.58 6.63 0.00	169.42 6.56 0.00	152.61 5.94 0.00	158.97 4.01 0.00	130.09 2.97 0.00
RAVENSWOOD_GT_7 24255	71.47 2.84 0.00	61.03 2.32 0.00	60.52 2.39 0.00	60.68 2.31 0.00	60.45 2.41 0.00	58.10 2.64 0.00	54.84 2.65 0.00	70.13 3.30 0.00	83.70 3.58 -1.83	83.54 3.76 0.00	100.48 5.09 0.00	120.20 2.39 -73.44	78.60 3.39 -10.20	117.62 3.56 -40.19	77.91 3.65 0.00	85.18 3.79 0.00	114.07 5.20 0.00	166.97 7.36 0.00	195.62 7.86 0.00	175.58 6.63 0.00	169.42 6.56 0.00	152.61 5.94 0.00	158.97 4.01 0.00	130.09 2.97 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	71.50 2.87 0.00	61.05 2.34 0.00	60.54 2.41 0.00	60.72 2.35 0.00	60.47 2.44 0.00	58.11 2.65 0.00	54.86 2.67 0.00	70.16 3.34 0.00	83.77 3.65 -1.83	83.59 3.81 0.00	100.49 5.10 0.00	120.20 2.40 -73.44	78.61 3.40 -10.20	117.64 3.59 -40.19	77.93 3.66 0.00	85.24 3.85 0.00	114.16 5.29 0.00	167.08 7.47 0.00	195.76 8.01 0.00	175.71 6.75 0.00	169.57 6.71 0.00	152.73 6.06 0.00	159.13 4.16 0.00	130.19 3.07 0.00
RAVENSWOOD_GT_9 24257	71.50 2.87 0.00	61.05 2.34 0.00	60.54 2.41 0.00	60.72 2.35 0.00	60.47 2.44 0.00	58.11 2.65 0.00	54.86 2.67 0.00	70.16 3.34 0.00	83.77 3.65 -1.83	83.59 3.81 0.00	100.49 5.10 0.00	120.20 2.40 -73.44	78.61 3.40 -10.20	117.64 3.59 -40.19	77.93 3.66 0.00	85.24 3.85 0.00	114.16 5.29 0.00	167.08 7.47 0.00	195.76 8.01 0.00	175.71 6.75 0.00	169.57 6.71 0.00	152.73 6.06 0.00	159.13 4.16 0.00	130.19 3.07 0.00

RAVENSWOOD___1 23533	71.45 2.81 0.00	61.02 2.32 0.00	60.50 2.37 0.00	60.65 2.28 0.00	60.42 2.39 0.00	58.08 2.62 0.00	54.82 2.63 0.00	70.09 3.27 0.00	83.63 3.52 -1.83	83.49 3.70 0.00	100.41 5.02 0.00	120.19 2.38 -73.44	78.59 3.38 -10.20	117.58 3.52 -40.19	77.92 3.65 0.00	85.13 3.74 0.00	113.96 5.08 0.00	166.82 7.21 0.00	195.48 7.72 0.00	175.40 6.46 0.00	169.26 6.40 0.00	152.45 5.78 0.00	158.79 3.82 0.00	129.92 2.80 0.00
RAVENSWOOD___2 23534	71.45 2.81 0.00	61.02 2.32 0.00	60.50 2.37 0.00	60.65 2.28 0.00	60.42 2.39 0.00	58.08 2.62 0.00	54.82 2.63 0.00	70.09 3.27 0.00	83.63 3.52 -1.83	83.49 3.70 0.00	100.41 5.02 0.00	120.19 2.38 -73.44	78.59 3.38 -10.20	117.58 3.52 -40.19	77.92 3.65 0.00	85.13 3.74 0.00	113.96 5.08 0.00	166.82 7.21 0.00	195.48 7.72 0.00	175.40 6.46 0.00	169.26 6.40 0.00	152.45 5.78 0.00	158.79 3.82 0.00	129.92 2.80 0.00
RAVENSWOOD___3 23535	71.50 2.87 0.00	61.05 2.34 0.00	60.54 2.41 0.00	60.71 2.34 0.00	60.48 2.44 0.00	58.10 2.64 0.00	54.86 2.67 0.00	70.15 3.32 0.00	83.77 3.65 -1.83	83.57 3.79 0.00	100.45 5.06 0.00	120.20 2.39 -73.44	78.59 3.38 -10.20	117.64 3.58 -40.19	77.94 3.68 0.00	85.24 3.85 0.00	114.13 5.26 0.00	167.04 7.43 0.00	195.75 7.99 0.00	175.68 6.73 0.00	169.57 6.71 0.00	152.72 6.05 0.00	159.11 4.15 0.00	130.15 3.03 0.00
RAVENSWOOD___4 23820	71.45 2.81 0.00	61.02 2.32 0.00	60.50 2.37 0.00	60.65 2.28 0.00	60.42 2.39 0.00	58.08 2.62 0.00	54.82 2.63 0.00	70.09 3.27 0.00	83.63 3.52 -1.83	83.49 3.70 0.00	100.41 5.02 0.00	120.19 2.38 -73.44	78.59 3.38 -10.20	117.58 3.52 -40.19	77.92 3.65 0.00	85.13 3.74 0.00	113.96 5.08 0.00	166.82 7.21 0.00	195.48 7.72 0.00	175.40 6.46 0.00	169.26 6.40 0.00	152.45 5.78 0.00	158.79 3.82 0.00	129.92 2.80 0.00
RCPL_TRUST___DRP 24196	71.49 2.86 0.00	61.03 2.32 0.00	60.52 2.39 0.00	60.70 2.33 0.00	60.44 2.41 0.00	58.09 2.63 0.00	54.87 2.68 0.00	70.20 3.37 0.00	83.82 3.70 -1.84	83.64 3.85 0.00	100.51 5.12 0.00	120.51 2.41 -73.74	78.67 3.42 -10.24	117.87 3.65 -40.35	77.98 3.72 0.00	85.30 3.91 0.00	114.22 5.35 0.00	167.17 7.56 0.00	195.84 8.08 0.00	175.82 6.87 0.00	169.61 6.75 0.00	152.77 6.10 0.00	159.18 4.21 0.00	130.20 3.08 0.00
RED___ROCHESTER 323720	66.19 -2.44 0.00	56.53 -2.18 0.00	55.84 -2.29 0.00	56.19 -2.17 0.00	55.85 -2.19 0.00	53.12 -2.34 0.00	49.64 -2.52 0.03	61.84 -3.69 1.30	72.21 -4.04 2.03	72.06 -4.40 3.33	84.16 -5.51 5.72	40.54 -2.61 1.21	60.66 -3.39 0.96	67.82 -3.93 2.13	71.23 -2.75 0.29	78.58 -2.81 0.00	106.34 -2.53 0.00	147.47 -1.85 10.28	162.89 -0.82 24.04	167.18 -1.77 0.00	160.45 -2.41 0.00	143.27 -3.40 0.00	152.77 -2.19 0.00	125.15 -1.98 0.00
REGAN___SOLAR 323812	71.34 2.71 0.00	60.98 2.28 0.00	60.32 2.19 0.00	60.58 2.21 0.00	60.31 2.27 0.00	57.70 2.24 0.00	54.60 2.41 0.00	70.25 3.42 0.00	82.18 3.89 0.00	83.37 3.58 0.00	98.57 3.18 0.00	45.76 1.39 0.00	66.97 1.96 0.00	76.34 2.47 0.00	77.20 2.93 0.00	84.88 3.49 0.00	114.34 5.47 0.00	168.25 8.64 0.00	198.10 10.34 0.00	178.24 9.29 0.00	171.85 8.99 0.00	154.54 7.87 0.00	163.10 8.14 0.00	133.37 6.25 0.00
RENSSELAER___COGEN 23796	71.11 2.48 0.00	60.80 2.10 0.00	60.24 2.11 0.00	60.46 2.09 0.00	60.08 2.05 0.00	57.18 1.72 0.00	53.43 1.24 0.00	68.56 1.73 0.00	80.23 1.95 0.00	81.85 2.07 0.00	98.37 2.98 0.00	45.77 1.41 0.00	66.95 1.94 0.00	76.07 2.20 0.00	76.36 2.09 0.00	83.67 2.28 0.00	112.15 3.28 0.00	163.80 4.19 0.00	191.72 3.96 0.00	172.51 3.56 0.00	166.02 3.16 0.00	150.02 3.35 0.00	158.17 3.20 0.00	130.81 3.69 0.00
REPUBLIC_115KV_BARTNBRK 55605	75.63 6.99 0.00	64.19 5.48 0.00	63.49 5.36 0.00	63.81 5.45 0.00	63.54 5.51 0.00	60.88 5.42 0.00	57.96 5.77 0.00	75.32 8.50 0.00	87.86 9.57 0.00	89.06 9.27 0.00	106.40 11.01 0.00	49.19 4.82 0.00	71.51 6.50 0.00	81.61 7.74 0.00	82.03 7.76 0.00	90.09 8.70 0.00	123.00 14.13 0.00	180.96 21.35 0.00	213.04 25.28 0.00	190.87 21.92 0.00	183.80 20.94 0.00	166.32 19.65 0.00	175.43 20.46 0.00	142.03 14.91 0.00
REVERE_CPPR_DRP 24186	72.04 3.41 0.00	61.45 2.75 0.00	60.70 2.57 0.00	60.87 2.50 0.00	60.71 2.68 0.00	58.69 3.23 0.00	56.22 4.03 0.00	72.21 5.38 0.00	85.28 7.00 0.00	87.12 7.33 0.00	103.06 7.67 0.00	47.62 3.25 0.00	69.71 4.70 0.00	80.74 6.87 0.00	80.27 6.00 0.00	87.11 5.72 0.00	117.80 8.93 0.00	173.69 14.08 0.00	206.37 18.61 0.00	187.78 18.83 0.00	182.13 19.27 0.00	163.56 16.88 0.00	172.26 17.29 0.00	139.93 12.80 0.00
REYNLDPA_13_KV_LD 356490	69.24 0.60 0.00	59.41 0.71 0.00	58.78 0.65 0.00	59.03 0.66 0.00	58.66 0.63 0.00	56.19 0.73 0.00	52.80 0.61 0.00	67.77 0.94 0.00	79.44 1.16 0.00	80.85 1.06 0.00	95.31 -0.08 0.00	44.67 0.31 0.00	66.02 1.00 0.00	74.97 1.10 0.00	75.37 1.10 0.00	82.52 1.13 0.00	108.84 -0.03 0.00	157.63 -1.97 0.00	185.17 -2.59 0.00	166.83 -2.12 0.00	160.49 -2.37 0.00	144.37 -2.30 0.00	153.47 -1.50 0.00	125.99 -1.13 0.00
REYNOLDS_115KV_TB3 80639	71.46 2.83 0.00	61.07 2.36 0.00	60.50 2.37 0.00	60.74 2.37 0.00	60.36 2.33 0.00	57.45 1.99 0.00	53.75 1.56 0.00	68.95 2.12 0.00	80.70 2.42 0.00	82.31 2.52 0.00	98.92 3.53 0.00	46.01 1.64 0.00	67.32 2.31 0.00	76.43 2.56 0.00	76.75 2.48 0.00	84.09 2.70 0.00	112.77 3.90 0.00	164.72 5.11 0.00	192.77 5.01 0.00	173.32 4.37 0.00	166.83 3.97 0.00	150.81 4.14 0.00	159.05 4.08 0.00	131.24 4.12 0.00
RIVERBAY____ 323610	72.60 3.97 0.00	62.09 3.39 0.00	61.53 3.40 0.00	61.67 3.31 0.00	61.50 3.47 0.00	59.09 3.63 0.00	55.80 3.61 0.00	71.40 4.57 0.00	85.23 5.11 -1.83	85.13 5.34 0.00	102.48 7.09 0.00	120.98 3.17 -73.44	79.68 4.47 -10.20	118.87 4.81 -40.19	79.21 4.94 0.00	86.60 5.22 0.00	116.04 7.17 0.00	170.00 10.39 0.00	199.27 11.51 0.00	179.00 10.05 0.00	172.77 9.91 0.00	155.63 8.96 0.00	162.15 7.18 0.00	132.76 5.64 0.00
RIVERSDE_115KV_TB3 55908	71.41 2.78 0.00	61.05 2.34 0.00	60.47 2.34 0.00	60.69 2.32 0.00	60.32 2.29 0.00	57.42 1.96 0.00	53.71 1.52 0.00	68.93 2.10 0.00	80.66 2.38 0.00	82.27 2.48 0.00	98.84 3.45 0.00	45.98 1.62 0.00	67.27 2.26 0.00	76.39 2.52 0.00	76.72 2.45 0.00	84.06 2.67 0.00	112.72 3.85 0.00	164.64 5.03 0.00	192.79 5.03 0.00	173.42 4.46 0.00	166.89 4.03 0.00	150.79 4.12 0.00	158.94 3.97 0.00	131.37 4.24 0.00
ROARING___BROOK_WT_PWR 323790	66.91 -1.72 0.00	57.13 -1.57 0.00	56.62 -1.50 0.00	56.84 -1.53 0.00	56.41 -1.62 0.00	54.36 -1.10 0.00	51.81 -0.38 0.00	66.48 -0.35 0.00	78.35 0.07 0.00	79.68 -0.11 0.00	93.49 -1.90 0.00	43.41 -0.96 0.00	63.84 -1.17 0.00	73.67 -0.20 0.00	73.23 -1.04 0.00	79.41 -1.98 0.00	106.12 -2.75 0.00	156.43 -3.17 0.00	185.14 -2.62 0.00	167.55 -1.41 0.00	162.43 -0.43 0.00	146.45 -0.22 0.00	155.06 0.09 0.00	127.25 0.13 0.00

ROCHESRG_115KV_T4 355643	65.40 -3.23 0.00	55.88 -2.83 0.00	55.21 -2.91 0.00	55.56 -2.81 0.00	55.20 -2.83 0.00	52.48 -2.98 0.00	48.96 -3.20 0.03	60.93 -4.60 1.30	71.10 -5.15 2.04	70.89 -5.56 3.34	79.94 -6.95 8.50	38.98 -3.28 2.11	59.71 -4.34 0.96	66.70 -5.03 2.14	70.11 -3.86 0.29	77.34 -4.05 0.00	104.61 -4.26 0.00	155.11 -4.50 0.00	183.88 -3.88 0.00	164.67 -4.28 0.00	158.24 -4.62 0.00	141.47 -5.20 0.00	150.99 -3.98 0.00	123.84 -3.28 0.00
ROCHESTER_9_IC 23652	65.88 -2.75 0.00	56.28 -2.42 0.00	55.61 -2.52 0.00	55.96 -2.41 0.00	55.61 -2.42 0.00	52.89 -2.57 0.00	49.38 -2.78 0.03	61.48 -4.05 1.30	71.80 -4.46 2.03	71.60 -4.86 3.32	83.55 -6.12 5.72	40.26 -2.90 1.21	60.28 -3.77 0.96	67.36 -4.38 2.13	70.82 -3.16 0.29	78.10 -3.30 0.00	105.67 -3.20 0.00	156.72 -2.89 0.00	185.79 -1.97 0.00	166.29 -2.66 0.00	159.68 -3.18 0.00	142.68 -3.99 0.00	152.15 -2.81 0.00	124.73 -2.39 0.00
ROCKVIEW_13_KV_LD 356306	71.76 3.13 0.00	61.26 2.56 0.00	60.73 2.60 0.00	60.90 2.54 0.00	60.66 2.63 0.00	58.25 2.79 0.00	55.02 2.83 0.00	70.40 3.57 0.00	84.00 3.89 -1.83	83.85 4.06 0.00	100.77 5.38 0.00	119.93 2.50 -73.06	78.66 3.50 -10.15	117.63 3.78 -39.98	78.09 3.82 0.00	85.48 4.09 0.00	114.59 5.72 0.00	167.74 8.13 0.00	196.58 8.82 0.00	176.51 7.56 0.00	170.36 7.50 0.00	153.49 6.82 0.00	160.01 5.04 0.00	130.92 3.79 0.00
ROME____115KV_TB2 80656	72.04 3.41 0.00	61.45 2.75 0.00	60.70 2.57 0.00	60.87 2.50 0.00	60.71 2.68 0.00	58.69 3.23 0.00	56.22 4.03 0.00	72.21 5.38 0.00	85.28 7.00 0.00	87.12 7.33 0.00	103.06 7.67 0.00	47.62 3.25 0.00	69.71 4.70 0.00	80.74 6.87 0.00	80.27 6.00 0.00	87.11 5.72 0.00	117.80 8.93 0.00	173.69 14.08 0.00	206.37 18.61 0.00	187.78 18.83 0.00	182.13 19.27 0.00	163.56 16.88 0.00	172.26 17.29 0.00	139.93 12.80 0.00
ROSETON___1 23587	71.04 2.41 0.00	60.68 1.98 0.00	60.17 2.04 0.00	60.37 2.00 0.00	60.06 2.03 0.00	57.58 2.12 0.00	54.32 2.13 0.00	69.53 2.70 0.00	81.22 2.93 0.00	82.84 3.05 0.00	99.50 4.11 0.00	46.26 1.89 0.00	67.68 2.67 0.00	76.74 2.87 0.00	77.04 2.77 0.00	84.32 2.93 0.00	112.99 4.12 0.00	165.33 5.72 0.00	193.79 6.03 0.00	174.19 5.24 0.00	168.08 5.22 0.00	151.53 4.86 0.00	158.40 3.44 0.00	129.69 2.57 0.00
ROSETON___2 23588	71.04 2.41 0.00	60.68 1.98 0.00	60.17 2.04 0.00	60.37 2.00 0.00	60.06 2.03 0.00	57.58 2.12 0.00	54.32 2.13 0.00	69.53 2.70 0.00	81.22 2.93 0.00	82.84 3.05 0.00	99.50 4.11 0.00	46.26 1.89 0.00	67.68 2.67 0.00	76.74 2.87 0.00	77.04 2.77 0.00	84.32 2.93 0.00	112.99 4.12 0.00	165.33 5.72 0.00	193.79 6.03 0.00	174.19 5.24 0.00	168.08 5.22 0.00	151.53 4.86 0.00	158.40 3.44 0.00	129.69 2.57 0.00
ROTRRDAM_115KV_TB3 80664	70.74 2.11 0.00	60.48 1.78 0.00	59.91 1.78 0.00	60.16 1.79 0.00	59.82 1.79 0.00	57.12 1.66 0.00	53.79 1.61 0.00	69.01 2.18 0.00	80.77 2.49 0.00	82.29 2.50 0.00	98.54 3.14 0.00	45.80 1.44 0.00	67.08 2.07 0.00	76.21 2.34 0.00	76.51 2.24 0.00	83.91 2.52 0.00	112.60 3.73 0.00	164.85 5.24 0.00	193.49 5.73 0.00	173.97 5.02 0.00	167.72 4.86 0.00	151.23 4.56 0.00	159.33 4.37 0.00	130.65 3.53 0.00
RUSSELL___1 23602	66.18 -2.45 0.00	56.52 -2.18 0.00	55.83 -2.30 0.00	56.19 -2.18 0.00	55.84 -2.19 0.00	53.12 -2.34 0.00	49.64 -2.52 0.03	61.83 -3.70 1.30	72.21 -4.05 2.03	72.04 -4.43 3.33	84.06 -5.61 5.72	40.49 -2.67 1.21	60.64 -3.41 0.96	67.79 -3.95 2.13	71.24 -2.74 0.29	78.57 -2.82 0.00	106.34 -2.53 0.00	157.72 -1.89 0.00	186.88 -0.87 0.00	167.18 -1.77 0.00	160.45 -2.41 0.00	143.29 -3.38 0.00	152.76 -2.21 0.00	125.14 -1.98 0.00
RUSSELL___2 23532	66.18 -2.45 0.00	56.52 -2.18 0.00	55.83 -2.30 0.00	56.19 -2.18 0.00	55.84 -2.19 0.00	53.12 -2.34 0.00	49.64 -2.52 0.03	61.83 -3.70 1.30	72.21 -4.05 2.03	72.04 -4.43 3.33	84.06 -5.61 5.72	40.49 -2.67 1.21	60.64 -3.41 0.96	67.79 -3.95 2.13	71.24 -2.74 0.29	78.57 -2.82 0.00	106.34 -2.53 0.00	157.72 -1.89 0.00	186.88 -0.87 0.00	167.18 -1.77 0.00	160.45 -2.41 0.00	143.29 -3.38 0.00	152.76 -2.21 0.00	125.14 -1.98 0.00
RUSSELL___3 23549	66.18 -2.45 0.00	56.52 -2.18 0.00	55.83 -2.30 0.00	56.19 -2.18 0.00	55.84 -2.19 0.00	53.12 -2.34 0.00	49.64 -2.52 0.03	61.83 -3.70 1.30	72.21 -4.05 2.03	72.04 -4.43 3.33	84.06 -5.61 5.72	40.49 -2.67 1.21	60.64 -3.41 0.96	67.79 -3.95 2.13	71.24 -2.74 0.29	78.57 -2.82 0.00	106.34 -2.53 0.00	157.72 -1.89 0.00	186.88 -0.87 0.00	167.18 -1.77 0.00	160.45 -2.41 0.00	143.29 -3.38 0.00	152.76 -2.21 0.00	125.14 -1.98 0.00
RUSSELL___4 23556	66.18 -2.45 0.00	56.52 -2.18 0.00	55.83 -2.30 0.00	56.19 -2.18 0.00	55.84 -2.19 0.00	53.12 -2.34 0.00	49.64 -2.52 0.03	61.83 -3.70 1.30	72.21 -4.05 2.03	72.04 -4.43 3.33	84.06 -5.61 5.72	40.49 -2.67 1.21	60.64 -3.41 0.96	67.79 -3.95 2.13	71.24 -2.74 0.29	78.57 -2.82 0.00	106.34 -2.53 0.00	157.72 -1.89 0.00	186.88 -0.87 0.00	167.18 -1.77 0.00	160.45 -2.41 0.00	143.29 -3.38 0.00	152.76 -2.21 0.00	125.14 -1.98 0.00
RUSSELL___STATION 23914	66.18 -2.45 0.00	56.52 -2.18 0.00	55.83 -2.30 0.00	56.19 -2.18 0.00	55.84 -2.19 0.00	53.12 -2.34 0.00	49.64 -2.52 0.03	61.83 -3.70 1.30	72.21 -4.05 2.03	72.04 -4.43 3.33	84.06 -5.61 5.72	40.49 -2.67 1.21	60.64 -3.41 0.96	67.79 -3.95 2.13	71.24 -2.74 0.29	78.57 -2.82 0.00	106.34 -2.53 0.00	157.72 -1.89 0.00	186.88 -0.87 0.00	167.18 -1.77 0.00	160.45 -2.41 0.00	143.29 -3.38 0.00	152.76 -2.21 0.00	125.14 -1.98 0.00
S SALMON___HYD 24043	66.19 -2.43 0.00	56.51 -2.20 0.00	55.89 -2.24 0.00	56.12 -2.25 0.00	55.96 -2.07 0.00	53.73 -1.73 0.00	50.86 -1.33 0.00	64.94 -1.88 0.00	76.49 -1.80 0.00	78.09 -1.70 0.00	92.59 -2.80 0.00	42.81 -1.56 0.00	62.84 -2.17 0.00	72.04 -1.83 0.00	72.10 -2.16 0.00	78.76 -2.63 0.00	105.94 -2.93 0.00	156.00 -3.60 0.00	184.73 -3.03 0.00	167.46 -1.49 0.00	162.52 -0.34 0.00	146.20 -0.47 0.00	154.75 -0.22 0.00	126.70 -0.43 0.00
S.PERRY___115KV_TB1 80734	64.58 -4.06 0.00	55.13 -3.57 0.00	54.53 -3.60 0.00	54.95 -3.41 0.00	54.68 -3.35 0.00	51.95 -3.51 0.00	48.70 -3.46 0.03	60.27 -5.19 1.38	70.20 -5.93 2.15	69.65 -6.61 3.53	155.28 -8.73 -68.62	63.15 -4.20 -22.98	57.98 -6.02 1.02	63.79 -7.81 2.26	66.69 -7.27 0.31	73.23 -8.16 0.00	99.63 -9.24 0.00	149.02 -10.59 0.00	178.80 -8.96 0.00	161.29 -7.66 0.00	155.21 -7.65 0.00	138.89 -7.78 0.00	147.80 -7.17 0.00	121.16 -5.96 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	63.43 -5.20 0.00	54.19 -4.52 0.00	53.51 -4.62 0.00	53.94 -4.43 0.00	53.54 -4.49 0.00	50.54 -4.92 0.00	46.66 -5.50 0.03	57.49 -7.97 1.36	67.10 -9.05 2.13	66.49 -9.81 3.49	58.52 -11.96 24.91	31.35 -5.61 7.41	56.40 -7.60 1.01	62.80 -8.84 2.24	66.84 -7.12 0.31	73.94 -7.45 0.00	100.62 -8.25 0.00	150.92 -8.69 0.00	180.45 -7.30 0.00	161.55 -7.40 0.00	155.32 -7.54 0.00	138.58 -8.09 0.00	149.24 -5.73 0.00	122.85 -4.27 0.00

SAWYER___23_KV_LOAD 55526	63.43 -5.20 0.00	54.19 -4.52 0.00	53.51 -4.62 0.00	53.94 -4.43 0.00	53.54 -4.49 0.00	50.54 -4.92 0.00	46.66 -5.50 0.03	57.49 -7.97 1.36	67.10 -9.05 2.13	66.49 -9.81 3.49	58.52 -11.96 24.91	31.35 -5.61 7.41	56.40 -7.60 1.01	62.80 -8.84 2.24	66.84 -7.12 0.31	73.94 -7.45 0.00	100.62 -8.25 0.00	150.92 -8.69 0.00	180.45 -7.30 0.00	161.55 -7.40 0.00	155.32 -7.54 0.00	138.58 -8.09 0.00	149.24 -5.73 0.00	122.85 -4.27 0.00
SELKIRK___I 23801	71.21 2.58 0.00	60.93 2.23 0.00	60.35 2.22 0.00	60.58 2.22 0.00	60.22 2.18 0.00	57.34 1.88 0.00	53.71 1.53 0.00	68.89 2.06 0.00	80.59 2.30 0.00	82.15 2.36 0.00	98.55 3.16 0.00	45.84 1.47 0.00	67.04 2.03 0.00	76.24 2.37 0.00	76.50 2.23 0.00	83.88 2.49 0.00	112.54 3.67 0.00	164.27 4.66 0.00	192.50 4.74 0.00	173.16 4.21 0.00	166.81 3.96 0.00	150.64 3.96 0.00	158.88 3.91 0.00	131.05 3.93 0.00
SELKIRK___II 23799	70.91 2.28 0.00	60.64 1.93 0.00	60.08 1.95 0.00	60.30 1.93 0.00	59.93 1.90 0.00	57.09 1.63 0.00	53.50 1.31 0.00	68.62 1.79 0.00	80.30 2.01 0.00	81.90 2.11 0.00	98.32 2.93 0.00	45.73 1.37 0.00	66.89 1.88 0.00	76.01 2.14 0.00	76.28 2.01 0.00	83.58 2.19 0.00	112.06 3.19 0.00	163.68 4.07 0.00	191.78 4.02 0.00	172.52 3.57 0.00	166.19 3.33 0.00	150.08 3.41 0.00	158.12 3.15 0.00	130.39 3.26 0.00
SENECA OSWGO___HYD 24041	65.85 -2.78 0.00	56.31 -2.39 0.00	55.75 -2.38 0.00	55.98 -2.38 0.00	55.71 -2.32 0.00	53.24 -2.22 0.00	50.16 -2.04 0.00	64.02 -3.06 -0.25	75.15 -3.53 -0.39	76.83 -3.60 -0.64	92.09 -4.40 -1.10	42.51 -2.09 -0.23	62.25 -2.94 -0.18	70.94 -3.34 -0.41	71.45 -2.87 -0.06	78.35 -3.04 0.00	105.22 -3.65 0.00	154.67 -4.94 0.00	182.42 -5.34 0.00	164.11 -4.84 0.00	158.16 -4.70 0.00	142.21 -4.46 0.00	150.14 -4.83 0.00	123.08 -4.05 0.00
SENECA___115KV_TB3 355854	64.04 -4.59 0.00	54.71 -3.99 0.00	54.05 -4.07 0.00	54.49 -3.88 0.00	54.11 -3.92 0.00	51.14 -4.32 0.00	47.32 -1.64 0.03	58.23 -7.23 1.37	67.97 -8.17 2.14	67.38 -8.90 3.51	59.06 -10.72 25.61	31.65 -5.08 7.63	57.06 -6.94 1.01	63.52 -8.10 2.25	67.56 -6.41 0.31	74.85 -6.55 0.00	101.90 -6.97 0.00	130.39 -6.49 22.72	130.24 -4.39 53.12	164.26 -4.69 0.00	158.01 -4.85 0.00	141.06 -5.61 0.00	151.60 -3.37 0.00	124.63 -2.49 0.00
SENECA___ENERGY 23797	66.74 -1.89 0.00	57.04 -1.66 0.00	56.45 -1.68 0.00	56.74 -1.62 0.00	56.44 -1.60 0.00	53.84 -1.62 0.00	50.52 -1.64 0.02	63.12 -2.74 0.97	73.68 -3.09 1.52	74.03 -3.27 2.49	87.01 -4.11 4.27	41.48 -1.98 0.90	61.56 -2.74 0.72	68.97 -3.31 1.59	71.76 -2.29 0.22	79.32 -2.07 0.00	106.94 -1.93 0.00	155.28 -1.75 2.58	180.63 -1.11 6.02	167.60 -1.35 0.00	161.48 -1.38 0.00	144.64 -2.03 0.00	153.28 -1.68 0.00	125.38 -1.74 0.00
SHOEMAKER___GT 23640	70.69 2.05 0.00	60.38 1.67 0.00	59.86 1.73 0.00	60.05 1.69 0.00	59.78 1.75 0.00	57.31 1.85 0.00	54.07 1.88 0.00	69.33 2.50 0.00	79.06 2.70 1.92	82.58 2.79 0.00	99.06 3.67 0.00	-30.88 1.69 76.93	56.56 2.24 10.68	34.33 2.55 42.10	76.67 2.40 0.00	83.96 2.57 0.00	112.62 3.75 0.00	164.93 5.32 0.00	193.54 5.78 0.00	174.01 5.06 0.00	167.95 5.09 0.00	151.29 4.61 0.00	158.32 3.36 0.00	129.60 2.48 0.00
SHOEMAKR_138KV_BK 111 55601	70.63 2.00 0.00	60.34 1.64 0.00	59.83 1.70 0.00	60.02 1.66 0.00	59.73 1.70 0.00	57.27 1.81 0.00	54.03 1.84 0.00	69.26 2.44 0.00	79.07 2.62 1.84	82.51 2.72 0.00	99.02 3.62 0.00	-27.50 1.66 73.53	57.03 2.23 10.21	36.15 2.51 40.23	76.60 2.34 0.00	83.89 2.50 0.00	112.51 3.64 0.00	164.76 5.16 0.00	193.32 5.57 0.00	173.77 4.82 0.00	167.76 4.90 0.00	151.13 4.46 0.00	158.13 3.17 0.00	129.45 2.33 0.00
SHOREHAM_IC_1 23715	74.18 5.55 0.00	62.94 4.24 0.00	62.41 4.29 0.00	62.28 3.92 0.00	62.03 3.99 0.00	59.85 4.39 0.00	98.79 4.63 -41.97	79.38 5.97 -6.59	86.62 6.52 -1.82	114.53 6.71 -28.04	125.94 8.72 -21.83	123.96 3.58 -76.02	79.50 4.36 -10.12	118.68 4.94 -39.88	80.16 5.89 0.00	111.32 6.63 -23.30	131.57 9.40 -13.30	217.64 13.14 -44.89	249.87 14.71 -47.40	244.37 12.96 -62.45	223.44 12.74 -47.84	215.05 11.61 -56.77	169.81 8.95 -5.89	133.86 6.75 0.02
SHOREHAM_IC_2 23716	74.18 5.55 0.00	62.94 4.24 0.00	62.42 4.29 0.00	62.28 3.92 0.00	62.03 3.99 0.00	59.85 4.39 0.00	98.79 4.63 -41.97	79.39 5.98 -6.59	86.62 6.52 -1.82	114.55 6.72 -28.04	125.95 8.72 -21.83	123.96 3.58 -76.02	79.50 4.36 -10.12	118.70 4.95 -39.88	80.16 5.89 0.00	111.32 6.63 -23.30	131.58 9.41 -13.30	217.70 13.19 -44.89	249.87 14.71 -47.40	244.37 12.96 -62.45	223.44 12.74 -47.84	215.04 11.60 -56.77	169.81 8.96 -5.89	133.84 6.74 0.02
SISSONVILLE____ 23735	68.61 -0.02 0.00	58.87 0.17 0.00	58.25 0.12 0.00	58.47 0.10 0.00	58.15 0.12 0.00	55.63 0.17 0.00	52.15 -0.04 0.00	67.11 0.28 0.00	78.96 0.67 0.00	80.61 0.82 0.00	96.08 0.69 0.00	44.65 0.28 0.00	65.21 0.20 0.00	74.08 0.20 0.00	73.81 -0.46 0.00	80.47 -0.92 0.00	106.95 -1.92 0.00	157.24 -2.37 0.00	185.42 -2.34 0.00	167.61 -1.34 0.00	161.60 -1.25 0.00	145.51 -1.16 0.00	155.70 0.73 0.00	128.12 0.99 0.00
SITHE_IND_GS1 24169	65.58 -3.05 0.00	56.12 -2.59 0.00	55.54 -2.59 0.00	55.78 -2.59 0.00	55.48 -2.56 0.00	52.99 -2.47 0.00	49.68 -2.32 0.18	55.07 -3.38 8.38	61.26 -3.92 13.10	54.25 -4.05 21.49	53.54 -4.90 36.95	34.28 -2.29 7.79	55.50 -3.30 6.21	56.30 -3.80 13.78	68.97 -3.42 1.87	77.81 -3.58 0.00	104.37 -4.50 0.00	153.32 -6.29 0.00	180.74 -7.02 0.00	162.53 -6.42 0.00	156.70 -6.16 0.00	140.91 -5.76 0.00	149.00 -5.97 0.00	122.16 -4.97 0.00
SITHE_IND_GS2 24170	65.58 -3.05 0.00	56.12 -2.59 0.00	55.54 -2.59 0.00	55.78 -2.59 0.00	55.48 -2.56 0.00	52.99 -2.47 0.00	49.68 -2.32 0.18	55.07 -3.38 8.38	61.26 -3.92 13.10	54.25 -4.05 21.49	53.54 -4.90 36.95	34.28 -2.29 7.79	55.50 -3.30 6.21	56.30 -3.80 13.78	68.97 -3.42 1.87	77.81 -3.58 0.00	104.37 -4.50 0.00	153.32 -6.29 0.00	180.74 -7.02 0.00	162.53 -6.42 0.00	156.70 -6.16 0.00	140.91 -5.76 0.00	149.00 -5.97 0.00	122.16 -4.97 0.00
SITHE_IND_GS3 24171	65.58 -3.05 0.00	56.12 -2.59 0.00	55.54 -2.59 0.00	55.78 -2.59 0.00	55.48 -2.56 0.00	52.99 -2.47 0.00	49.68 -2.32 0.18	55.07 -3.38 8.38	61.26 -3.92 13.10	54.25 -4.05 21.49	53.54 -4.90 36.95	34.28 -2.29 7.79	55.50 -3.30 6.21	56.30 -3.80 13.78	68.97 -3.42 1.87	77.81 -3.58 0.00	104.37 -4.50 0.00	153.32 -6.29 0.00	180.74 -7.02 0.00	162.53 -6.42 0.00	156.70 -6.16 0.00	140.91 -5.76 0.00	149.00 -5.97 0.00	122.16 -4.97 0.00
SITHE_IND_GS4 24172	65.58 -3.05 0.00	56.12 -2.59 0.00	55.54 -2.59 0.00	55.78 -2.59 0.00	55.48 -2.56 0.00	52.99 -2.47 0.00	49.68 -2.32 0.18	55.07 -3.38 8.38	61.26 -3.92 13.10	54.25 -4.05 21.49	53.54 -4.90 36.95	34.28 -2.29 7.79	55.50 -3.30 6.21	56.30 -3.80 13.78	68.97 -3.42 1.87	77.81 -3.58 0.00	104.37 -4.50 0.00	153.32 -6.29 0.00	180.74 -7.02 0.00	162.53 -6.42 0.00	156.70 -6.16 0.00	140.91 -5.76 0.00	149.00 -5.97 0.00	122.16 -4.97 0.00

SITHE___BATAVIA 24024	65.64 -2.99 0.00	56.04 -2.66 0.00	55.34 -2.79 0.00	55.77 -2.60 0.00	55.40 -2.63 0.00	52.46 -3.00 0.00	48.75 -3.41 0.03	60.48 -5.02 1.33	70.59 -5.62 2.08	70.25 -6.13 3.40	72.11 -7.48 15.80	36.26 -3.63 4.47	59.01 -5.02 0.98	65.60 -6.09 2.18	69.20 -4.78 0.30	75.87 -5.51 0.00	102.98 -5.89 0.00	138.73 -5.60 15.28	147.50 -4.53 35.73	163.71 -5.24 0.00	157.20 -5.66 0.00	140.13 -6.54 0.00	150.35 -4.62 0.00	123.64 -3.48 0.00
SITHE___INDEPEND 23800	65.57 -3.06 0.00	56.11 -2.59 0.00	55.54 -2.59 0.00	55.77 -2.59 0.00	55.48 -2.56 0.00	52.99 -2.47 0.00	49.68 -2.33 0.18	55.06 -3.39 8.38	61.26 -3.93 13.10	54.24 -4.06 21.49	53.54 -4.91 36.95	34.27 -2.30 7.79	55.49 -3.31 6.21	56.30 -3.79 13.78	68.98 -3.41 1.87	77.81 -3.58 0.00	104.37 -4.50 0.00	153.31 -6.30 0.00	180.74 -7.02 0.00	162.53 -6.42 0.00	156.70 -6.16 0.00	140.91 -5.76 0.00	149.02 -5.95 0.00	122.15 -4.98 0.00
SITHE___MASSENA 23902	69.38 0.74 0.00	59.35 0.64 0.00	58.71 0.58 0.00	58.95 0.59 0.00	58.60 0.57 0.00	56.11 0.65 0.00	52.71 0.52 0.00	67.71 0.88 0.00	79.45 1.16 0.00	81.08 1.29 0.00	96.83 1.44 0.00	45.08 0.71 0.00	65.97 0.96 0.00	74.89 1.02 0.00	75.18 0.90 0.00	82.29 0.90 0.00	109.31 0.44 0.00	160.34 0.73 0.00	188.68 0.92 0.00	170.01 1.05 0.00	163.58 0.72 0.00	147.17 0.50 0.00	156.59 1.62 0.00	128.59 1.46 0.00
SITHE___OGDNSBRG 24021	70.14 1.51 0.00	60.11 1.40 0.00	59.50 1.37 0.00	59.74 1.37 0.00	59.42 1.38 0.00	56.86 1.40 0.00	53.42 1.23 0.00	68.70 1.87 0.00	80.68 2.40 0.00	82.28 2.49 0.00	98.13 2.74 0.00	45.66 1.30 0.00	66.73 1.72 0.00	75.63 1.75 0.00	75.83 1.57 0.00	83.00 1.61 0.00	110.70 1.83 0.00	162.64 3.03 0.00	191.52 3.76 0.00	172.66 3.71 0.00	166.12 3.26 0.00	149.29 2.62 0.00	159.10 4.13 0.00	130.53 3.40 0.00
SITHE___STERLING 23777	69.53 0.90 0.00	59.57 0.87 0.00	59.04 0.91 0.00	59.29 0.92 0.00	58.97 0.94 0.00	56.45 0.99 0.00	53.46 1.29 0.02	67.53 1.43 0.73	78.82 1.68 1.15	79.57 1.67 1.88	93.91 1.75 3.24	44.43 0.74 0.68	65.59 1.12 0.54	73.99 1.33 1.21	75.03 0.92 0.16	82.32 0.93 0.00	110.05 1.18 0.00	160.89 1.28 0.00	189.60 1.84 0.00	170.54 1.59 0.00	164.39 1.53 0.00	147.90 1.23 0.00	156.08 1.12 0.00	127.93 0.80 0.00
SLEIGHT__34_KV_TB1 80719	66.10 -2.53 0.00	56.48 -2.22 0.00	55.85 -2.28 0.00	56.17 -2.19 0.00	55.85 -2.18 0.00	53.22 -2.24 0.00	49.95 -2.21 0.03	62.35 -3.30 1.18	72.71 -3.73 1.85	72.74 -4.02 3.03	85.11 -5.07 5.21	40.83 -2.43 1.10	60.89 -3.25 0.87	68.11 -3.82 1.94	71.26 -2.74 0.26	78.69 -2.70 0.00	106.26 -2.61 0.00	157.07 -2.54 0.00	185.90 -1.86 0.00	166.69 -2.26 0.00	160.47 -2.39 0.00	143.48 -3.20 0.00	152.41 -2.56 0.00	124.63 -2.49 0.00
SMITHTWN_69_KV_BK 1 55830	73.99 5.36 0.00	62.82 4.11 0.00	62.25 4.12 0.00	62.22 3.86 0.00	62.00 3.97 0.00	59.81 4.35 0.00	99.07 4.54 -42.34	79.30 5.88 -6.59	86.58 6.47 -1.82	114.54 6.72 -28.04	125.76 8.54 -21.83	123.99 3.61 -76.02	79.77 4.64 -10.12	118.98 5.23 -39.88	80.29 6.02 0.00	111.35 6.67 -23.30	131.19 9.02 -13.30	226.75 12.39 -54.76	256.50 13.64 -55.09	257.57 11.86 -76.76	232.86 11.70 -58.30	229.27 10.90 -71.70	167.92 8.41 -4.54	133.43 6.38 0.07
SOUTH CAIRO___GT 23612	74.09 5.46 0.00	63.34 4.64 0.00	62.70 4.57 0.00	62.93 4.57 0.00	62.57 4.53 0.00	59.57 4.11 0.00	55.86 3.67 0.00	71.84 5.02 0.00	84.18 5.90 0.00	85.75 5.96 0.00	102.84 7.45 0.00	47.68 3.32 0.00	69.64 4.63 0.00	79.05 5.17 0.00	79.68 5.41 0.00	87.73 6.34 0.00	118.45 9.58 0.00	173.49 13.88 0.00	203.66 15.90 0.00	182.95 14.00 0.00	175.96 13.10 0.00	158.63 11.96 0.00	167.26 12.30 0.00	137.74 10.61 0.00
SOUTH HAMPTN___IC 23720	74.58 5.95 0.00	63.22 4.52 0.00	62.80 4.67 0.00	62.38 4.01 0.00	62.04 4.00 0.00	59.82 4.36 0.00	98.73 4.65 -41.88	79.45 6.03 -6.59	86.69 6.58 -1.82	114.68 6.86 -28.04	126.38 9.16 -21.83	124.03 3.65 -76.02	79.53 4.40 -10.12	118.62 4.88 -39.88	80.14 5.87 0.00	111.27 6.59 -23.30	131.65 9.48 -13.30	217.68 13.32 -44.75	250.19 14.90 -47.53	244.28 13.15 -62.18	223.54 13.00 -47.68	214.78 11.79 -56.32	170.24 9.12 -6.14	133.99 6.88 0.01
SOUTHDOW_115KV_TB1 355954	62.70 -5.93 0.00	53.90 -4.80 0.00	53.50 -4.63 0.00	54.27 -4.10 0.00	54.41 -3.62 0.00	51.36 -4.10 0.00	47.31 -4.85 0.03	57.92 -7.53 1.39	68.16 -7.96 2.17	67.32 -8.92 3.55	61.69 -11.28 22.42	32.32 -5.46 6.58	56.69 -7.29 1.03	62.99 -8.60 2.28	67.26 -6.70 0.31	75.88 -5.51 0.00	103.94 -4.93 0.00	156.25 -3.36 0.00	188.08 0.33 0.00	170.34 1.39 0.00	165.03 2.17 0.00	147.53 0.86 0.00	157.88 2.91 0.00	128.98 1.86 0.00
SOUTHOLD_69_KV_BK 2 55809	74.58 5.95 0.00	63.11 4.41 0.00	62.84 4.71 0.00	62.05 3.68 0.00	61.59 3.56 0.00	59.33 3.87 0.00	98.34 4.27 -41.89	79.00 5.59 -6.59	86.22 6.11 -1.82	114.34 6.51 -28.04	126.28 9.06 -21.83	123.80 3.42 -76.02	79.11 3.97 -10.12	118.07 4.32 -39.88	79.58 5.31 0.00	110.57 5.88 -23.30	130.88 8.71 -13.30	216.64 12.31 -44.73	248.80 13.53 -47.50	243.05 11.94 -62.16	222.49 11.97 -47.66	213.75 10.78 -56.30	169.13 8.03 -6.14	133.09 5.98 0.01
SOUTHOLD___IC 23719	74.58 5.95 0.00	63.11 4.41 0.00	62.84 4.71 0.00	62.05 3.68 0.00	61.59 3.55 0.00	59.33 3.87 0.00	98.35 4.27 -41.89	79.00 5.58 -6.59	86.22 6.12 -1.82	114.34 6.51 -28.04	126.26 9.04 -21.83	123.79 3.41 -76.02	79.11 3.97 -10.12	118.07 4.32 -39.88	79.60 5.33 0.00	110.56 5.87 -23.30	130.88 8.71 -13.30	216.62 12.29 -44.73	248.80 13.53 -47.50	243.05 11.94 -62.16	222.50 11.98 -47.66	213.76 10.79 -56.30	169.13 8.02 -6.14	133.10 5.98 0.01
SOUTH_FORK_WT_PWR 323839	74.05 5.42 0.00	62.59 3.89 0.00	62.47 4.34 0.00	61.34 2.97 0.00	60.76 2.73 0.00	58.46 3.00 0.00	97.56 3.49 -41.89	78.04 4.62 -6.59	85.15 5.04 -1.82	113.38 5.55 -28.04	125.35 8.13 -21.83	123.21 2.83 -76.02	78.30 3.16 -10.12	117.04 3.29 -39.88	78.54 4.27 0.00	109.29 4.60 -23.30	129.16 6.99 -13.30	214.02 9.67 -44.73	245.61 10.33 -47.52	240.24 9.12 -62.17	219.87 9.34 -47.67	211.41 8.43 -56.31	166.61 5.50 -6.14	131.07 3.96 0.01
SPIERFLS_115KV_TB 1 80737	72.04 3.41 0.00	61.50 2.80 0.00	60.89 2.76 0.00	61.21 2.84 0.00	60.94 2.90 0.00	58.22 2.76 0.00	54.99 2.80 0.00	70.79 3.96 0.00	82.83 4.55 0.00	84.31 4.52 0.00	100.93 5.54 0.00	46.86 2.50 0.00	68.51 3.50 0.00	77.68 3.81 0.00	78.01 3.74 0.00	85.74 4.36 0.00	115.55 6.68 0.00	169.22 9.61 0.00	198.69 10.93 0.00	178.49 9.54 0.00	172.25 9.39 0.00	155.39 8.72 0.00	163.80 8.84 0.00	133.88 6.76 0.00
ST LAWRENCE____ 23600	68.70 0.07 0.00	58.76 0.06 0.00	58.13 0.00 0.00	58.39 0.02 0.00	58.02 -0.01 0.00	55.59 0.13 0.00	52.23 0.04 0.00	67.04 0.22 0.00	78.65 0.37 0.00	80.27 0.48 0.00	95.76 0.37 0.00	44.58 0.22 0.00	65.32 0.31 0.00	74.19 0.31 0.00	74.54 0.27 0.00	81.64 0.25 0.00	108.41 -0.46 0.00	158.76 -0.85 0.00	186.76 -1.00 0.00	168.24 -0.71 0.00	161.89 -0.97 0.00	145.65 -1.03 0.00	154.73 -0.23 0.00	127.01 -0.11 0.00

STATE_CA_115KV_115_LB 55624	71.66 3.03 0.00	61.24 2.54 0.00	60.65 2.53 0.00	60.88 2.52 0.00	60.53 2.50 0.00	57.61 2.15 0.00	53.86 1.67 0.00	69.13 2.31 0.00	80.90 2.62 0.00	82.54 2.76 0.00	99.18 3.79 0.00	46.13 1.76 0.00	67.48 2.46 0.00	76.67 2.80 0.00	76.98 2.71 0.00	84.37 2.99 0.00	113.16 4.29 0.00	165.27 5.66 0.00	193.55 5.79 0.00	174.13 5.18 0.00	167.52 4.66 0.00	151.31 4.64 0.00	159.43 4.47 0.00	131.95 4.83 0.00
STATE_ST_34_KV_LOAD 55959	67.73 -0.90 0.00	57.95 -0.75 0.00	57.38 -0.75 0.00	57.66 -0.71 0.00	57.38 -0.65 0.00	54.56 -0.90 0.00	51.31 -0.86 0.02	64.06 -1.83 0.95	74.70 -2.10 1.48	75.12 -2.24 2.43	88.35 -2.86 4.18	42.03 -1.46 0.88	62.34 -1.96 0.70	69.69 -2.63 1.56	72.47 -1.58 0.21	80.18 -1.21 0.00	108.01 -0.86 0.00	159.12 -0.49 0.00	188.12 0.36 0.00	169.10 0.15 0.00	163.56 0.70 0.00	146.38 -0.29 0.00	155.33 0.36 0.00	126.61 -0.51 0.00
STATION_5_MISC_HYD 23604	65.89 -2.74 0.00	56.28 -2.43 0.00	55.60 -2.52 0.00	55.96 -2.41 0.00	55.61 -2.42 0.00	52.89 -2.57 0.00	49.40 -2.76 0.03	61.50 -4.03 1.30	71.80 -4.45 2.03	71.62 -4.84 3.32	83.66 -6.01 5.72	40.31 -2.85 1.21	60.31 -3.74 0.96	67.39 -4.34 2.13	70.79 -3.19 0.29	78.10 -3.29 0.00	105.67 -3.20 0.00	146.50 -2.83 10.28	161.79 -1.94 24.03	166.28 -2.68 0.00	159.66 -3.20 0.00	142.63 -4.04 0.00	152.17 -2.80 0.00	124.73 -2.39 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	66.31 -2.33 0.00	56.68 -2.03 0.00	56.04 -2.09 0.00	56.37 -1.99 0.00	56.06 -1.98 0.00	53.43 -2.03 0.00	50.11 -2.05 0.03	62.53 -3.14 1.16	72.95 -3.52 1.81	73.00 -3.82 2.97	85.49 -4.80 5.10	40.98 -2.30 1.08	61.10 -3.05 0.86	68.39 -3.57 1.91	71.48 -2.53 0.26	78.91 -2.48 0.00	106.54 -2.33 0.00	157.50 -2.10 0.00	186.40 -1.36 0.00	167.16 -1.79 0.00	160.84 -2.02 0.00	143.90 -2.77 0.00	152.88 -2.09 0.00	125.15 -1.97 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	65.28 -3.35 0.00	55.77 -2.93 0.00	55.12 -3.01 0.00	55.47 -2.90 0.00	55.12 -2.91 0.00	52.48 -2.98 0.00	49.08 -3.08 0.03	61.14 -4.41 1.28	71.38 -4.91 1.99	71.26 -5.26 3.27	83.19 -6.58 5.62	40.09 -3.09 1.19	59.94 -4.13 0.95	67.01 -4.76 2.10	70.29 -3.69 0.29	77.54 -3.85 0.00	104.77 -4.10 0.00	155.13 -4.48 0.00	183.80 -3.96 0.00	164.65 -4.30 0.00	158.26 -4.60 0.00	141.51 -5.16 0.00	150.63 -4.34 0.00	123.45 -3.67 0.00
STA_56___34_KV_BUS2 355983	65.28 -3.35 0.00	55.77 -2.93 0.00	55.12 -3.01 0.00	55.47 -2.90 0.00	55.12 -2.91 0.00	52.48 -2.98 0.00	49.08 -3.08 0.03	61.14 -4.41 1.28	71.38 -4.91 1.99	71.26 -5.26 3.27	83.19 -6.58 5.62	40.09 -3.09 1.19	59.94 -4.13 0.95	67.01 -4.76 2.10	70.29 -3.69 0.29	77.54 -3.85 0.00	104.77 -4.10 0.00	155.13 -4.48 0.00	183.80 -3.96 0.00	164.65 -4.30 0.00	158.26 -4.60 0.00	141.51 -5.16 0.00	150.63 -4.34 0.00	123.45 -3.67 0.00
STA_67___115KV_BK2 355882	65.76 -2.87 0.00	56.17 -2.53 0.00	55.50 -2.63 0.00	55.85 -2.51 0.00	55.51 -2.53 0.00	52.78 -2.68 0.00	49.27 -2.89 0.03	61.35 -4.19 1.30	71.62 -4.64 2.03	71.42 -5.05 3.33	83.31 -6.36 5.72	40.16 -3.00 1.21	60.12 -3.93 0.96	67.19 -4.55 2.13	70.60 -3.38 0.29	77.89 -3.50 0.00	105.40 -3.47 0.00	156.28 -3.33 0.00	185.29 -2.47 0.00	165.87 -3.08 0.00	159.33 -3.53 0.00	142.40 -4.27 0.00	151.92 -3.05 0.00	124.52 -2.60 0.00
STA_7___115KV_9TRANS 80674	66.18 -2.45 0.00	56.52 -2.18 0.00	55.83 -2.30 0.00	56.19 -2.18 0.00	55.84 -2.19 0.00	53.12 -2.34 0.00	49.64 -2.52 0.03	61.83 -3.70 1.30	72.21 -4.05 2.03	72.04 -4.43 3.33	84.06 -5.61 5.72	40.49 -2.67 1.21	60.64 -3.41 0.96	67.79 -3.95 2.13	71.24 -2.74 0.29	78.57 -2.82 0.00	106.34 -2.53 0.00	157.72 -1.89 0.00	186.88 -0.87 0.00	167.18 -1.77 0.00	160.45 -2.41 0.00	143.29 -3.38 0.00	152.76 -2.21 0.00	125.14 -1.98 0.00
STA_82___115KV_TB1 80780	65.70 -2.93 0.00	56.12 -2.58 0.00	55.45 -2.68 0.00	55.81 -2.55 0.00	55.45 -2.58 0.00	52.73 -2.73 0.00	49.22 -2.94 0.03	61.28 -4.25 1.30	71.54 -4.72 2.03	71.34 -5.12 3.32	83.22 -6.46 5.71	40.11 -3.05 1.21	60.05 -4.00 0.96	67.11 -4.63 2.13	70.52 -3.46 0.29	77.79 -3.60 0.00	105.25 -3.62 0.00	156.09 -3.51 0.00	185.10 -2.66 0.00	165.70 -3.25 0.00	159.17 -3.69 0.00	142.25 -4.42 0.00	151.78 -3.19 0.00	124.43 -2.70 0.00
STEEL___WIND 323596	63.91 -4.72 0.00	54.60 -4.11 0.00	53.94 -4.19 0.00	54.38 -3.99 0.00	53.99 -4.04 0.00	51.03 -4.43 0.00	47.21 -4.95 0.03	58.09 -7.37 1.37	67.81 -8.33 2.14	67.21 -9.06 3.51	58.87 -10.91 25.61	31.56 -5.17 7.63	56.91 -7.09 1.01	63.37 -8.25 2.25	67.39 -6.57 0.31	74.67 -6.71 0.00	101.69 -7.18 0.00	130.10 -6.78 22.72	129.91 -4.72 53.12	164.04 -4.91 0.00	157.85 -5.01 0.00	140.90 -5.77 0.00	151.46 -3.51 0.00	124.50 -2.62 0.00
STEPHTWN_115KV_BK_2 55603	71.91 3.28 0.00	61.56 2.86 0.00	60.87 2.74 0.00	61.12 2.75 0.00	60.66 2.63 0.00	57.83 2.37 0.00	54.18 1.99 0.00	69.49 2.67 0.00	81.39 3.11 0.00	83.02 3.23 0.00	99.52 4.13 0.00	46.33 1.96 0.00	67.83 2.82 0.00	77.09 3.22 0.00	77.50 3.23 0.00	84.88 3.49 0.00	113.80 4.93 0.00	166.48 6.88 0.00	195.02 7.26 0.00	175.37 6.42 0.00	168.95 6.09 0.00	152.63 5.96 0.00	160.67 5.70 0.00	132.58 5.46 0.00
STEUBEN_REC_LFGE 323667	63.20 -5.44 0.00	54.13 -4.57 0.00	53.58 -4.54 0.00	54.01 -4.36 0.00	53.74 -4.30 0.00	50.97 -4.49 0.00	47.69 -4.47 0.03	57.80 -7.58 1.44	66.93 -9.10 2.26	66.01 -10.07 3.70	140.72 -12.39 -57.72	57.63 -6.21 -19.47	55.08 -8.86 1.07	60.75 -10.75 2.37	64.73 -9.21 0.33	72.53 -8.86 0.00	99.53 -9.34 0.00	151.85 -7.76 0.00	185.96 -1.80 0.00	169.56 0.61 0.00	164.94 2.09 0.00	148.30 1.62 0.00	158.14 3.17 0.00	129.51 2.38 0.00
STILLWATER___SOLAR 323814	72.12 3.49 0.00	61.61 2.91 0.00	61.02 2.90 0.00	61.30 2.93 0.00	60.98 2.95 0.00	58.22 2.76 0.00	54.87 2.68 0.00	70.47 3.64 0.00	82.43 4.15 0.00	83.99 4.20 0.00	100.58 5.19 0.00	46.71 2.35 0.00	68.37 3.36 0.00	77.61 3.74 0.00	77.95 3.68 0.00	85.62 4.22 0.00	115.20 6.33 0.00	168.70 9.10 0.00	198.05 10.30 0.00	177.95 9.00 0.00	171.46 8.60 0.00	154.76 8.09 0.00	163.10 8.13 0.00	133.63 6.51 0.00
STONY___BROOK 24151	73.86 5.23 0.00	62.71 4.00 0.00	62.15 4.02 0.00	62.11 3.74 0.00	61.88 3.85 0.00	59.69 4.23 0.00	98.82 4.44 -42.19	79.16 5.75 -6.59	86.44 6.33 -1.82	114.38 6.55 -28.04	125.57 8.35 -21.83	123.92 3.54 -76.02	79.63 4.50 -10.12	118.83 5.08 -39.88	80.14 5.87 0.00	111.19 6.50 -23.30	131.00 8.83 -13.30	220.10 12.09 -48.40	250.81 13.16 -49.89	247.92 11.38 -67.59	225.63 11.22 -51.55	219.56 10.59 -62.29	168.32 8.17 -5.18	133.31 6.23 0.04
STURGEON_POOL_HYD 23609	71.37 2.74 0.00	60.99 2.29 0.00	60.46 2.33 0.00	60.65 2.28 0.00	60.37 2.34 0.00	57.88 2.42 0.00	54.67 2.48 0.00	70.05 3.22 0.00	81.85 3.57 0.00	83.47 3.68 0.00	100.22 4.83 0.00	46.58 2.21 0.00	68.13 3.12 0.00	77.30 3.43 0.00	77.54 3.27 0.00	84.96 3.57 0.00	113.93 5.06 0.00	166.79 7.19 0.00	195.62 7.86 0.00	175.84 6.89 0.00	169.70 6.84 0.00	152.87 6.19 0.00	159.75 4.78 0.00	130.59 3.46 0.00

ST_LAW_115_BK7_LBMP 345037	68.73 0.10 0.00	58.81 0.11 0.00	58.17 0.05 0.00	58.42 0.05 0.00	58.07 0.04 0.00	55.61 0.15 0.00	52.25 0.06 0.00	67.10 0.27 0.00	78.72 0.43 0.00	80.31 0.53 0.00	95.76 0.37 0.00	44.61 0.24 0.00	65.38 0.37 0.00	74.25 0.37 0.00	74.57 0.30 0.00	81.67 0.28 0.00	108.40 -0.46 0.00	158.69 -0.92 0.00	186.61 -1.15 0.00	168.10 -0.85 0.00	161.74 -1.12 0.00	145.50 -1.17 0.00	154.67 -0.30 0.00	126.96 -0.16 0.00
ST_LAW_115_BK8_LBMP 345038	68.73 0.10 0.00	58.81 0.11 0.00	58.17 0.05 0.00	58.42 0.05 0.00	58.07 0.04 0.00	55.61 0.15 0.00	52.25 0.06 0.00	67.10 0.27 0.00	78.72 0.43 0.00	80.31 0.53 0.00	95.76 0.37 0.00	44.61 0.24 0.00	65.38 0.37 0.00	74.25 0.37 0.00	74.57 0.30 0.00	81.67 0.28 0.00	108.40 -0.46 0.00	158.69 -0.92 0.00	186.61 -1.15 0.00	168.10 -0.85 0.00	161.74 -1.12 0.00	145.50 -1.17 0.00	154.67 -0.30 0.00	126.96 -0.16 0.00
ST_LAW_230_BK5_LBMP 345035	68.70 0.07 0.00	58.76 0.06 0.00	58.13 0.00 0.00	58.39 0.02 0.00	58.02 -0.01 0.00	55.59 0.13 0.00	52.23 0.04 0.00	67.04 0.22 0.00	78.65 0.37 0.00	80.27 0.48 0.00	95.76 0.37 0.00	44.58 0.22 0.00	65.32 0.31 0.00	74.19 0.31 0.00	74.54 0.27 0.00	81.64 0.25 0.00	108.41 -0.46 0.00	158.76 -0.85 0.00	186.76 -1.00 0.00	168.24 -0.71 0.00	161.89 -0.97 0.00	145.65 -1.03 0.00	154.73 -0.23 0.00	127.01 -0.11 0.00
ST_LAW_230_BK6_LBMP 345036	68.70 0.07 0.00	58.76 0.06 0.00	58.13 0.00 0.00	58.39 0.02 0.00	58.02 -0.01 0.00	55.59 0.13 0.00	52.23 0.04 0.00	67.04 0.22 0.00	78.65 0.37 0.00	80.27 0.48 0.00	95.76 0.37 0.00	44.58 0.22 0.00	65.32 0.31 0.00	74.19 0.31 0.00	74.54 0.27 0.00	81.64 0.25 0.00	108.41 -0.46 0.00	158.76 -0.85 0.00	186.76 -1.00 0.00	168.24 -0.71 0.00	161.89 -0.97 0.00	145.65 -1.03 0.00	154.73 -0.23 0.00	127.01 -0.11 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	70.81 2.18 0.00	60.48 1.77 0.00	59.97 1.85 0.00	60.16 1.79 0.00	59.86 1.83 0.00	57.45 1.99 0.00	54.22 2.03 0.00	69.44 2.62 0.00	78.87 2.79 2.21	82.70 2.92 0.00	99.27 3.88 0.00	-42.14 1.80 88.31	55.22 2.48 12.27	28.24 2.69 48.32	76.84 2.57 0.00	84.14 2.75 0.00	112.77 3.90 0.00	165.19 5.58 0.00	193.73 5.97 0.00	174.12 5.17 0.00	168.10 5.25 0.00	151.50 4.82 0.00	158.22 3.26 0.00	129.55 2.42 0.00
SWANROAD_115KV_TB1 355699	62.53 -6.11 0.00	53.42 -5.28 0.00	52.70 -5.43 0.00	53.17 -5.20 0.00	52.68 -5.36 0.00	49.53 -5.93 0.00	45.56 -6.61 0.03	56.13 -9.35 1.35	65.47 -10.71 2.11	64.89 -11.44 3.46	61.26 -13.33 20.80	32.06 -6.22 6.08	55.17 -8.84 1.00	61.26 -10.39 2.22	65.15 -8.82 0.30	71.96 -9.43 0.00	97.97 -10.90 0.00	146.84 -12.77 0.00	175.32 -12.43 0.00	156.82 -12.13 0.00	150.75 -12.11 0.00	134.56 -12.11 0.00	145.35 -9.62 0.00	120.34 -6.78 0.00
SYNERGY___BIOGAS 323694	65.63 -3.00 0.00	56.04 -2.66 0.00	55.33 -2.80 0.00	55.77 -2.60 0.00	55.40 -2.63 0.00	52.45 -3.01 0.00	48.75 -3.41 0.03	60.45 -5.05 1.33	70.59 -5.62 2.07	70.21 -6.17 3.40	71.99 -7.59 15.80	36.18 -3.72 4.47	58.97 -5.05 0.98	65.57 -6.12 2.18	69.21 -4.76 0.30	75.86 -5.53 0.00	102.96 -5.91 0.00	153.93 -5.68 0.00	183.16 -4.60 0.00	163.72 -5.23 0.00	157.20 -5.66 0.00	140.16 -6.52 0.00	150.35 -4.62 0.00	123.65 -3.48 0.00
SYRACUSE___ENERGY_ST1 323597	67.10 -1.53 0.00	57.41 -1.29 0.00	56.85 -1.28 0.00	57.11 -1.26 0.00	56.82 -1.21 0.00	54.26 -1.20 0.00	51.06 -1.12 0.02	63.93 -2.10 0.80	74.60 -2.44 1.25	75.19 -2.55 2.05	88.73 -3.14 3.52	42.11 -1.52 0.74	62.33 -2.09 0.59	70.01 -2.55 1.31	72.33 -1.76 0.18	79.83 -1.56 0.00	107.25 -1.62 0.00	157.70 -1.91 0.00	186.13 -1.63 0.00	167.38 -1.57 0.00	161.46 -1.40 0.00	145.08 -1.60 0.00	153.38 -1.59 0.00	125.52 -1.60 0.00
SYRACUSE___ENERGY_ST2 323598	67.10 -1.53 0.00	57.41 -1.29 0.00	56.85 -1.28 0.00	57.11 -1.26 0.00	56.82 -1.21 0.00	54.26 -1.20 0.00	51.06 -1.12 0.02	63.93 -2.10 0.80	74.60 -2.44 1.25	75.19 -2.55 2.05	88.73 -3.14 3.52	42.11 -1.52 0.74	62.33 -2.09 0.59	70.01 -2.55 1.31	72.33 -1.76 0.18	79.83 -1.56 0.00	107.25 -1.62 0.00	157.70 -1.91 0.00	186.13 -1.63 0.00	167.38 -1.57 0.00	161.46 -1.40 0.00	145.08 -1.60 0.00	153.38 -1.59 0.00	125.52 -1.60 0.00
SYRACUSE___POWER 24017	67.11 -1.52 0.00	57.43 -1.28 0.00	56.86 -1.27 0.00	57.13 -1.24 0.00	56.84 -1.19 0.00	54.31 -1.15 0.00	51.04 -1.13 0.03	63.32 -2.23 1.28	73.72 -2.57 2.00	73.81 -2.71 3.27	86.45 -3.31 5.63	41.65 -1.53 1.19	61.98 -2.08 0.95	69.13 -2.64 2.10	72.20 -1.78 0.28	79.81 -1.58 0.00	107.26 -1.61 0.00	157.70 -1.91 0.00	186.24 -1.52 0.00	167.46 -1.49 0.00	161.42 -1.43 0.00	145.11 -1.56 0.00	153.40 -1.57 0.00	125.58 -1.54 0.00
TALLMAN_138KV_BK151 55660	70.90 2.27 0.00	60.53 1.82 0.00	60.04 1.91 0.00	60.22 1.86 0.00	59.94 1.91 0.00	57.57 2.11 0.00	54.34 2.15 0.00	69.52 2.69 0.00	78.16 2.85 2.97	82.78 3.00 0.00	99.44 4.05 0.00	-72.78 1.87 119.01	51.12 2.63 16.53	11.53 2.78 65.12	77.03 2.76 0.00	84.31 2.92 0.00	112.96 4.09 0.00	165.41 5.81 0.00	193.95 6.19 0.00	174.24 5.29 0.00	168.31 5.45 0.00	151.62 4.95 0.00	158.08 3.12 0.00	129.43 2.31 0.00
TEALLAVE_115KV_TB7 355573	66.83 -1.80 0.00	57.18 -1.53 0.00	56.61 -1.52 0.00	56.85 -1.51 0.00	56.55 -1.48 0.00	54.03 -1.43 0.00	50.84 -1.32 0.03	63.33 -2.28 1.22	73.75 -2.64 1.90	73.92 -2.75 3.12	86.69 -3.34 5.36	41.63 -1.60 1.13	61.88 -2.23 0.90	69.26 -2.61 2.00	72.02 -1.98 0.27	79.51 -1.89 0.00	106.76 -2.10 0.00	156.88 -2.73 0.00	185.08 -2.68 0.00	166.42 -2.53 0.00	160.40 -2.46 0.00	144.22 -2.46 0.00	152.41 -2.55 0.00	124.84 -2.29 0.00
TELGRAPH_34_KV_EAST 80808	63.90 -4.73 0.00	54.58 -4.13 0.00	53.85 -4.27 0.00	54.31 -4.06 0.00	53.88 -4.16 0.00	50.84 -4.62 0.00	47.02 -5.14 0.03	58.14 -7.35 1.34	67.85 -8.35 2.09	67.36 -8.99 3.43	66.38 -10.75 18.25	34.03 -5.08 5.26	56.97 -7.05 0.99	63.32 -8.35 2.20	67.18 -6.79 0.30	74.22 -7.17 0.00	100.96 -7.91 0.00	151.09 -8.52 0.00	180.12 -7.64 0.00	161.08 -7.87 0.00	154.78 -8.08 0.00	138.09 -8.59 0.00	148.62 -6.35 0.00	122.53 -4.59 0.00
TEMPLE___115KV_TB 2 55572	66.83 -1.80 0.00	57.18 -1.52 0.00	56.61 -1.51 0.00	56.86 -1.51 0.00	56.58 -1.45 0.00	54.04 -1.42 0.00	50.84 -1.33 0.03	63.23 -2.32 1.27	73.60 -2.69 1.99	73.71 -2.81 3.27	86.37 -3.41 5.61	41.55 -1.63 1.19	61.82 -2.25 0.94	69.10 -2.68 2.10	72.00 -1.99 0.28	79.53 -1.87 0.00	106.82 -2.05 0.00	156.92 -2.69 0.00	185.18 -2.58 0.00	166.53 -2.42 0.00	160.53 -2.33 0.00	144.24 -2.43 0.00	152.48 -2.49 0.00	124.91 -2.21 0.00
TIANA____69_KV_BK 1 55817	74.54 5.91 0.00	63.19 4.49 0.00	62.75 4.62 0.00	62.42 4.05 0.00	62.13 4.10 0.00	59.93 4.46 0.00	98.80 4.73 -41.89	79.54 6.12 -6.59	86.77 6.66 -1.82	114.73 6.90 -28.04	126.38 9.15 -21.83	124.07 3.69 -76.02	79.61 4.48 -10.12	118.75 5.01 -39.88	80.23 5.96 0.00	111.40 6.71 -23.30	131.80 9.63 -13.30	217.89 13.55 -44.73	250.46 15.20 -47.50	244.51 13.40 -62.16	223.71 13.19 -47.66	214.95 11.98 -56.30	170.47 9.37 -6.14	134.17 7.05 0.01

TILDEN___115KV_TB1 80814	67.11 -1.52 0.00	57.43 -1.28 0.00	56.86 -1.27 0.00	57.13 -1.24 0.00	56.84 -1.19 0.00	54.31 -1.15 0.00	51.04 -1.13 0.03	63.32 -2.23 1.28	73.72 -2.57 2.00	73.81 -2.71 3.27	86.45 -3.31 5.63	41.65 -1.53 1.19	61.98 -2.08 0.95	69.13 -2.64 2.10	72.20 -1.78 0.28	79.81 -1.58 0.00	107.26 -1.61 0.00	157.70 -1.91 0.00	186.24 -1.52 0.00	167.46 -1.49 0.00	161.42 -1.43 0.00	145.11 -1.56 0.00	153.40 -1.57 0.00	125.58 -1.54 0.00
TRIGEN___CC 323695	72.38 3.74 0.00	61.65 2.95 0.00	61.11 2.98 0.00	61.23 2.87 0.00	61.01 2.98 0.00	58.73 3.27 0.00	131.66 3.27 -76.20	77.60 4.18 -6.59	84.73 4.62 -1.82	112.71 4.89 -28.04	123.34 6.11 -21.83	123.17 2.79 -76.02	78.96 3.83 -10.12	118.02 4.28 -39.88	78.84 4.57 0.00	109.61 4.92 -23.30	128.83 6.66 -13.30	168.68 9.07 0.00	197.68 9.93 0.00	177.60 8.65 0.00	171.47 8.61 0.00	154.79 8.12 0.00	160.65 5.68 0.00	131.51 4.39 0.00
TRINITY___115KV__4 BK 55933	71.30 2.66 0.00	60.93 2.23 0.00	60.37 2.24 0.00	60.59 2.23 0.00	60.24 2.21 0.00	57.34 1.88 0.00	53.60 1.41 0.00	68.77 1.95 0.00	80.49 2.21 0.00	82.10 2.31 0.00	98.64 3.25 0.00	45.87 1.51 0.00	67.13 2.11 0.00	76.23 2.36 0.00	76.54 2.27 0.00	83.87 2.48 0.00	112.45 3.58 0.00	164.20 4.59 0.00	192.28 4.52 0.00	173.01 4.06 0.00	166.50 3.64 0.00	150.45 3.78 0.00	158.61 3.64 0.00	131.15 4.03 0.00
UNION___PROCESSING_DRP 323587	65.72 -2.92 0.00	56.14 -2.56 0.00	55.47 -2.66 0.00	55.82 -2.54 0.00	55.46 -2.57 0.00	52.75 -2.71 0.00	49.24 -2.93 0.03	61.29 -4.24 1.30	71.56 -4.70 2.02	71.36 -5.11 3.32	83.25 -6.43 5.71	40.12 -3.04 1.20	60.08 -3.98 0.96	67.12 -4.62 2.13	70.54 -3.44 0.29	77.82 -3.57 0.00	105.30 -3.57 0.00	156.16 -3.45 0.00	185.15 -2.61 0.00	165.80 -3.15 0.00	159.26 -3.60 0.00	142.31 -4.36 0.00	151.83 -3.14 0.00	124.48 -2.65 0.00
UPPER HUDSON___HYD 24058	72.04 3.41 0.00	61.50 2.80 0.00	60.89 2.76 0.00	61.21 2.84 0.00	60.94 2.90 0.00	58.22 2.76 0.00	54.99 2.80 0.00	70.79 3.96 0.00	82.83 4.55 0.00	84.30 4.51 0.00	100.93 5.53 0.00	46.86 2.49 0.00	68.51 3.50 0.00	77.67 3.80 0.00	78.01 3.74 0.00	85.74 4.35 0.00	115.55 6.68 0.00	169.20 9.59 0.00	198.68 10.92 0.00	178.48 9.53 0.00	172.25 9.38 0.00	155.39 8.72 0.00	163.80 8.83 0.00	133.87 6.75 0.00
UPPER RAQUET___HYD 24056	68.61 -0.02 0.00	58.88 0.17 0.00	58.25 0.12 0.00	58.47 0.10 0.00	58.15 0.12 0.00	55.63 0.17 0.00	52.15 -0.04 0.00	67.11 0.28 0.00	78.95 0.67 0.00	80.61 0.82 0.00	96.08 0.69 0.00	44.64 0.28 0.00	65.21 0.20 0.00	74.08 0.20 0.00	73.81 -0.46 0.00	80.48 -0.91 0.00	106.95 -1.92 0.00	157.24 -2.37 0.00	185.42 -2.34 0.00	167.61 -1.34 0.00	161.60 -1.26 0.00	145.51 -1.16 0.00	155.70 0.73 0.00	128.12 1.00 0.00
VALLEY44_115KV_TB2 355964	64.86 -3.77 0.00	55.54 -3.17 0.00	55.02 -3.11 0.00	55.45 -2.92 0.00	55.20 -2.83 0.00	52.24 -3.22 0.00	48.30 -3.86 0.03	59.20 -6.24 1.39	69.26 -6.85 2.17	68.79 -7.44 3.57	66.12 -8.56 20.71	34.20 -4.13 6.03	58.42 -5.56 1.03	64.91 -6.68 2.29	68.76 -5.20 0.31	76.02 -5.37 0.00	103.33 -5.54 0.00	154.02 -5.59 0.00	184.60 -3.16 0.00	165.82 -3.13 0.00	160.33 -2.53 0.00	143.61 -3.06 0.00	154.15 -0.82 0.00	125.99 -1.13 0.00
VALLEY___115KV_TB 1-4 80826	71.81 3.18 0.00	61.36 2.66 0.00	60.71 2.58 0.00	61.04 2.68 0.00	60.65 2.62 0.00	57.73 2.27 0.00	54.35 2.16 0.00	69.65 2.82 0.00	81.35 3.06 0.00	82.53 2.75 0.00	98.80 3.41 0.00	45.82 1.46 0.00	67.06 2.05 0.00	76.14 2.27 0.00	76.94 2.67 0.00	84.78 3.39 0.00	113.87 5.00 0.00	167.55 7.94 0.00	196.84 9.08 0.00	177.00 8.05 0.00	170.57 7.71 0.00	154.28 7.60 0.00	163.12 8.15 0.00	133.97 6.85 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	72.49 3.86 0.00	62.09 3.39 0.00	61.48 3.35 0.00	61.74 3.37 0.00	61.43 3.40 0.00	58.65 3.19 0.00	55.39 3.21 0.01	70.79 4.49 0.53	82.59 5.12 0.82	83.59 5.15 1.35	99.30 6.23 2.32	46.73 2.85 0.49	68.78 4.16 0.39	77.78 4.77 0.87	78.38 4.22 0.12	86.26 4.87 0.00	116.27 7.40 0.00	170.37 10.76 0.00	200.82 13.06 0.00	180.54 11.59 0.00	174.39 11.53 0.00	157.07 10.40 0.00	165.52 10.56 0.00	135.29 8.17 0.00
VISCHER___FERRY HYD 24020	71.54 2.91 0.00	61.12 2.41 0.00	60.55 2.42 0.00	60.80 2.43 0.00	60.45 2.41 0.00	57.65 2.19 0.00	54.19 2.00 0.00	69.53 2.70 0.00	81.35 3.06 0.00	82.93 3.14 0.00	99.43 4.04 0.00	46.24 1.87 0.00	67.64 2.63 0.00	76.80 2.93 0.00	77.13 2.87 0.00	84.56 3.17 0.00	113.57 4.70 0.00	166.28 6.68 0.00	195.15 7.39 0.00	175.35 6.40 0.00	168.80 5.94 0.00	152.60 5.93 0.00	160.80 5.83 0.00	132.15 5.03 0.00
V_A_10_SYNC_DSASP 323832	63.73 -4.90 0.00	54.48 -4.23 0.00	53.82 -4.31 0.00	54.22 -4.15 0.00	53.81 -4.22 0.00	50.92 -4.54 0.00	47.14 -5.02 0.03	58.32 -7.18 1.34	68.06 -8.13 2.09	67.61 -8.75 3.43	68.91 -10.74 15.74	34.91 -5.01 4.44	57.28 -6.74 0.99	63.82 -7.85 2.20	67.57 -6.39 0.30	74.60 -6.79 0.00	101.14 -7.73 0.00	150.35 -9.26 0.00	179.04 -8.72 0.00	160.19 -8.76 0.00	153.92 -8.94 0.00	137.55 -9.12 0.00	147.75 -7.22 0.00	121.56 -5.56 0.00
V_CMM_10_SYNC_DSASP 323787	68.99 0.36 0.00	59.10 0.40 0.00	58.48 0.35 0.00	58.72 0.35 0.00	58.36 0.33 0.00	55.89 0.43 0.00	52.54 0.35 0.00	67.43 0.61 0.00	79.10 0.81 0.00	80.60 0.82 0.00	95.59 0.20 0.00	44.66 0.30 0.00	65.70 0.69 0.00	74.62 0.75 0.00	74.99 0.72 0.00	82.11 0.72 0.00	108.67 -0.20 0.00	158.25 -1.36 0.00	186.02 -1.74 0.00	167.57 -1.38 0.00	161.23 -1.63 0.00	145.04 -1.64 0.00	154.16 -0.80 0.00	126.57 -0.55 0.00
V_CMP_10_SYNC_DSASP 323788	69.41 0.78 0.00	59.47 0.77 0.00	58.85 0.72 0.00	59.07 0.70 0.00	58.85 0.82 0.00	56.57 1.11 0.00	52.96 0.77 0.00	68.17 1.34 0.00	80.22 1.93 0.00	81.99 2.20 0.00	98.35 2.96 0.00	45.46 1.10 0.00	66.03 1.02 0.00	74.87 1.00 0.00	74.69 0.42 0.00	81.62 0.23 0.00	107.47 -1.40 0.00	158.17 -1.44 0.00	187.21 -0.54 0.00	169.22 0.27 0.00	162.69 -0.17 0.00	146.52 -0.15 0.00	155.82 0.85 0.00	128.36 1.24 0.00
V_D_10_SYNC_DSASP 323841	69.37 0.74 0.00	59.34 0.64 0.00	58.71 0.58 0.00	58.95 0.58 0.00	58.60 0.57 0.00	56.11 0.65 0.00	52.71 0.52 0.00	67.70 0.87 0.00	79.44 1.16 0.00	81.07 1.28 0.00	96.82 1.43 0.00	45.08 0.71 0.00	65.97 0.96 0.00	74.90 1.03 0.00	75.17 0.90 0.00	82.30 0.91 0.00	109.31 0.44 0.00	160.35 0.74 0.00	188.68 0.92 0.00	170.02 1.08 0.00	163.58 0.72 0.00	147.17 0.50 0.00	156.58 1.61 0.00	128.58 1.46 0.00
V_E_10_SYNC_DSASP 323830	71.84 3.21 0.00	61.43 2.73 0.00	60.58 2.46 0.00	60.74 2.38 0.00	60.40 2.37 0.00	57.84 2.38 0.00	55.00 2.84 0.03	68.14 2.51 1.19	78.27 1.86 1.87	77.55 0.82 3.06	97.54 0.35 -1.80	44.97 -0.57 -1.18	63.21 -0.92 0.88	70.20 -1.71 1.96	74.06 0.06 0.26	82.93 1.54 0.00	112.37 3.51 0.00	165.93 6.32 0.00	197.48 9.72 0.00	177.86 8.91 0.00	172.19 9.33 0.00	157.95 11.27 0.00	169.05 14.08 0.00	138.16 11.04 0.00

WDELAWARE___HYD 323627	69.98 1.35 0.00	59.77 1.07 0.00	59.26 1.14 0.00	59.53 1.16 0.00	59.28 1.25 0.00	56.89 1.43 0.00	53.80 1.62 0.00	69.06 2.24 0.00	80.07 2.38 0.60	82.27 2.48 0.00	98.69 3.30 0.00	21.97 1.43 23.82	63.76 2.05 3.31	63.04 2.20 13.03	76.26 1.99 0.00	83.62 2.23 0.00	112.31 3.44 0.00	164.59 4.98 0.00	193.31 5.55 0.00	173.71 4.76 0.00	167.64 4.78 0.00	150.87 4.20 0.00	157.68 2.72 0.00	128.83 1.71 0.00
WEST BABYLON___IC 23714	74.02 5.39 0.00	62.90 4.19 0.00	62.32 4.19 0.00	62.35 3.98 0.00	62.13 4.10 0.00	59.93 4.46 0.00	104.88 4.56 -48.14	79.34 5.92 -6.59	86.70 6.59 -1.82	114.74 6.92 -28.04	125.79 8.57 -21.83	124.07 3.69 -76.02	79.98 4.85 -10.12	119.23 5.49 -39.88	80.46 6.19 0.00	111.54 6.85 -23.30	131.57 9.40 -13.30	174.39 12.93 -1.85	203.19 14.57 -0.86	184.38 12.63 -2.81	177.24 12.43 -1.95	161.45 11.46 -3.33	163.17 9.02 0.82	133.76 6.66 0.02
WEST CANADA___HYD 24049	68.85 0.22 0.00	58.88 0.18 0.00	58.33 0.20 0.00	58.55 0.18 0.00	58.22 0.18 0.00	55.63 0.17 0.00	52.41 0.22 0.00	67.17 0.34 0.00	78.67 0.38 0.00	80.17 0.38 0.00	95.81 0.42 0.00	44.54 0.17 0.00	65.27 0.26 0.00	74.25 0.38 0.00	74.56 0.29 0.00	81.60 0.21 0.00	109.28 0.41 0.00	160.15 0.55 0.00	188.37 0.61 0.00	169.61 0.66 0.00	163.52 0.66 0.00	147.41 0.74 0.00	155.60 0.64 0.00	127.73 0.61 0.00
WESTERN_NY_WIND 24143	65.51 -3.13 0.00	55.92 -2.78 0.00	55.23 -2.90 0.00	55.66 -2.71 0.00	55.28 -2.75 0.00	52.34 -3.12 0.00	48.61 -3.55 0.03	60.28 -5.22 1.33	70.37 -5.83 2.08	69.98 -6.40 3.41	70.96 -7.85 16.57	35.82 -3.83 4.71	58.82 -5.20 0.99	65.38 -6.30 2.19	69.06 -4.91 0.30	75.80 -5.59 0.00	102.93 -5.93 0.00	153.93 -5.68 0.00	183.19 -4.57 0.00	163.77 -5.18 0.00	157.23 -5.63 0.00	140.19 -6.48 0.00	150.44 -4.53 0.00	123.72 -3.40 0.00
WESTOVER___LESR 323668	67.32 -1.31 0.00	57.67 -1.03 0.00	57.14 -0.98 0.00	57.39 -0.98 0.00	57.11 -0.92 0.00	54.43 -1.03 0.00	50.95 -1.21 0.03	61.52 -3.80 1.51	71.53 -4.40 2.35	71.19 -4.74 3.85	89.24 -5.68 0.48	42.07 -2.89 -0.60	60.07 -3.83 1.11	66.72 -4.68 2.47	71.37 -2.56 0.34	79.61 -1.78 0.00	107.19 -1.68 0.00	157.66 -1.94 0.00	186.86 -0.90 0.00	168.34 -0.62 0.00	162.61 -0.25 0.00	146.29 -0.39 0.00	154.98 0.02 0.00	126.86 -0.26 0.00
WETHRSFD_WT_PWR 323626	62.51 -6.12 0.00	53.49 -5.21 0.00	52.97 -5.16 0.00	53.50 -4.87 0.00	53.19 -4.84 0.00	50.32 -5.14 0.00	46.74 -5.42 0.03	57.17 -8.27 1.40	66.47 -9.63 2.18	65.47 -10.74 3.58	15.39 -13.22 66.78	17.07 -6.31 20.99	55.02 -8.95 1.03	60.95 -10.62 2.29	64.74 -9.22 0.31	72.36 -9.02 0.00	99.29 -9.58 0.00	143.14 -9.43 7.04	164.83 -6.48 16.45	163.40 -5.55 0.00	157.81 -5.04 0.00	141.29 -5.39 0.00	151.52 -3.45 0.00	124.45 -2.67 0.00
WHAVSTOR_138KV_BK127 55557	70.87 2.24 0.00	60.49 1.78 0.00	59.99 1.87 0.00	60.18 1.81 0.00	59.90 1.87 0.00	57.52 2.06 0.00	54.29 2.10 0.00	69.46 2.63 0.00	77.80 2.79 3.28	82.71 2.92 0.00	99.36 3.97 0.00	-85.14 1.85 131.35	49.35 2.58 18.24	4.73 2.73 71.87	76.98 2.71 0.00	84.24 2.86 0.00	112.87 3.99 0.00	165.25 5.64 0.00	193.75 5.99 0.00	174.06 5.11 0.00	168.10 5.24 0.00	151.45 4.77 0.00	157.93 2.96 0.00	129.29 2.17 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	70.87 2.24 0.00	60.49 1.78 0.00	59.99 1.87 0.00	60.18 1.81 0.00	59.90 1.87 0.00	57.52 2.06 0.00	54.29 2.10 0.00	69.46 2.63 0.00	77.80 2.79 3.28	82.71 2.92 0.00	99.36 3.97 0.00	-85.14 1.85 131.35	49.35 2.58 18.24	4.73 2.73 71.87	76.98 2.71 0.00	84.24 2.86 0.00	112.87 3.99 0.00	165.25 5.64 0.00	193.75 5.99 0.00	174.06 5.11 0.00	168.10 5.24 0.00	151.45 4.77 0.00	157.93 2.96 0.00	129.29 2.17 0.00
WHITEHAL_115KV_TB1 80871	73.55 4.93 0.00	62.42 3.72 0.00	61.77 3.64 0.00	62.11 3.75 0.00	61.88 3.84 0.00	59.19 3.73 0.00	56.28 4.09 0.00	72.84 6.02 0.00	85.13 6.84 0.00	86.37 6.59 0.00	103.31 7.92 0.00	47.82 3.46 0.00	69.71 4.70 0.00	79.38 5.51 0.00	79.74 5.47 0.00	87.52 6.13 0.00	118.53 9.66 0.00	173.71 14.11 0.00	204.24 16.49 0.00	183.23 14.27 0.00	176.47 13.61 0.00	160.05 13.38 0.00	168.92 13.96 0.00	136.94 9.82 0.00
WHITEPLN_13_KV_LOAD 356215	72.16 3.52 0.00	61.59 2.89 0.00	61.07 2.94 0.00	61.23 2.87 0.00	60.95 2.92 0.00	58.56 3.10 0.00	55.34 3.15 0.00	70.86 4.03 0.00	84.74 4.49 -1.97	84.47 4.68 0.00	101.51 6.12 0.00	125.88 2.81 -78.70	79.91 3.97 -10.93	121.19 4.26 -43.06	78.62 4.35 0.00	85.87 4.48 0.00	115.16 6.30 0.00	168.70 9.09 0.00	197.85 10.09 0.00	177.58 8.63 0.00	171.30 8.44 0.00	154.30 7.62 0.00	160.86 5.89 0.00	131.55 4.43 0.00
WM_FLOYD_69_KV_BK2 356380	74.11 5.48 0.00	62.91 4.20 0.00	62.36 4.23 0.00	62.27 3.90 0.00	62.03 3.99 0.00	59.86 4.39 0.00	98.81 4.63 -42.00	79.37 5.96 -6.59	86.60 6.50 -1.82	114.50 6.68 -28.04	125.88 8.65 -21.83	123.97 3.59 -76.02	79.51 4.38 -10.12	118.74 4.99 -39.88	80.17 5.90 0.00	111.36 6.67 -23.30	131.56 9.40 -13.30	216.64 13.05 -43.98	248.90 14.63 -46.51	242.97 12.85 -61.17	222.29 12.57 -46.86	213.72 11.50 -55.55	169.70 8.89 -5.84	133.81 6.71 0.01
WOODARD___115KV_TB2 355635	66.76 -1.87 0.00	57.12 -1.58 0.00	56.55 -1.58 0.00	56.80 -1.57 0.00	56.50 -1.54 0.00	53.97 -1.49 0.00	50.80 -1.37 0.02	63.57 -2.30 0.95	74.13 -2.66 1.49	74.58 -2.77 2.44	87.82 -3.37 4.20	41.86 -1.62 0.89	62.06 -2.25 0.70	69.67 -2.64 1.57	72.02 -2.04 0.21	79.40 -1.99 0.00	106.63 -2.24 0.00	156.68 -2.93 0.00	184.82 -2.94 0.00	166.20 -2.76 0.00	160.24 -2.62 0.00	144.05 -2.63 0.00	152.23 -2.74 0.00	124.71 -2.41 0.00
WOODMERE_69_KV_BK1 55827	73.27 4.64 0.00	62.40 3.70 0.00	61.84 3.72 0.00	61.95 3.58 0.00	61.74 3.71 0.00	59.47 4.00 0.00	128.12 3.97 -71.95	78.50 5.08 -6.59	85.79 5.69 -1.82	113.76 5.94 -28.04	124.55 7.33 -21.83	123.70 3.32 -76.02	79.73 4.60 -10.12	118.94 5.19 -39.88	79.81 5.54 0.00	110.72 6.04 -23.30	130.47 8.30 -13.30	171.14 11.53 0.00	200.63 12.87 0.00	180.26 11.31 0.00	174.07 11.21 0.00	157.03 10.36 0.00	162.88 7.92 0.00	133.30 6.18 0.00
YORK___WARBASSE 23770	71.65 3.02 0.00	61.20 2.49 0.00	60.67 2.55 0.00	60.83 2.46 0.00	60.59 2.56 0.00	58.28 2.82 0.00	55.01 2.82 0.00	70.28 3.46 0.00	83.72 3.60 -1.83	83.51 3.72 0.00	100.30 4.91 0.00	120.15 2.34 -73.44	78.64 3.43 -10.20	117.56 3.51 -40.19	77.94 3.67 0.00	85.06 3.67 0.00	113.85 4.98 0.00	166.90 7.30 0.00	195.59 7.84 0.00	175.59 6.64 0.00	169.59 6.73 0.00	152.67 6.00 0.00	158.87 3.90 0.00	129.95 2.83 0.00