

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

01/19/2025

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
59TH STREET_GT_1	64.40	72.04	78.58	65.70	76.02	64.03	58.75	9.45	12.04	21.43	77.51	68.54	102.81	145.68	151.64	170.53	167.45	204.87	169.07	163.08	150.75	116.33	135.03	115.55
24138	4.53	4.63	4.56	3.65	4.23	3.72	3.43	0.59	0.84	1.61	6.81	6.10	7.65	12.82	13.39	13.44	13.02	15.36	13.59	12.93	12.94	10.17	11.33	9.34
	0.00	-1.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-16.60	-0.02	0.00	0.00	0.00	0.00	-7.08	-13.37	0.00	0.00	0.00	0.00
74TH STREET_GT_1	64.60	72.25	78.80	65.89	76.26	64.22	58.93	9.47	12.08	21.50	77.66	68.63	102.91	145.87	151.88	170.78	167.68	205.25	169.43	163.40	151.03	116.45	135.20	115.69
24260	4.73	4.84	4.78	3.83	4.47	3.91	3.61	0.62	0.87	1.67	6.97	6.19	7.75	13.02	13.63	13.69	13.25	15.74	13.95	13.25	13.23	10.29	11.50	9.48
	0.00	-1.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-16.60	-0.02	0.00	0.00	0.00	0.00	-7.08	-13.37	0.00	0.00	0.00	0.00
74TH STREET_GT_2	64.60	72.25	78.80	65.89	76.26	64.22	58.93	9.47	12.08	21.50	77.66	68.63	102.91	145.87	151.88	170.78	167.68	205.25	169.43	163.40	151.03	116.45	135.20	115.69
24261	4.73	4.84	4.78	3.83	4.47	3.91	3.61	0.62	0.87	1.67	6.97	6.19	7.75	13.02	13.63	13.69	13.25	15.74	13.95	13.25	13.23	10.29	11.50	9.48
	0.00	-1.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-16.60	-0.02	0.00	0.00	0.00	0.00	-7.08	-13.37	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	64.45	72.68	79.31	66.23	76.62	64.22	58.65	9.37	11.89	20.95	74.77	66.14	104.51	141.29	147.55	167.90	165.17	203.65	168.49	163.58	149.27	115.27	133.83	114.44
24011	4.57	4.88	5.29	4.17	4.83	3.92	3.33	0.52	0.68	1.12	4.07	3.70	5.03	8.43	9.30	10.80	10.73	14.14	11.17	9.95	11.47	9.11	10.13	8.23
	0.00	-1.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-20.92	-0.03	0.00	0.00	0.00	0.00	-8.92	-16.85	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	64.78	73.03	79.71	66.48	76.99	64.56	59.01	9.42	11.94	21.00	74.99	66.46	105.03	141.87	148.35	169.12	166.41	205.23	169.64	164.46	150.08	115.89	134.55	114.98
23798	4.91	5.23	5.69	4.42	5.21	4.25	3.69	0.56	0.73	1.18	4.29	4.02	5.53	9.01	10.10	12.02	11.98	15.72	12.31	10.82	12.28	9.73	10.85	8.77
	0.00	-1.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-20.94	-0.03	0.00	0.00	0.00	0.00	-8.93	-16.86	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	64.45	72.68	79.31	66.23	76.62	64.22	58.65	9.37	11.89	20.95	74.77	66.14	104.51	141.29	147.55	167.90	165.17	203.65	168.49	163.58	149.27	115.27	133.83	114.44
24028	4.57	4.88	5.29	4.17	4.83	3.92	3.33	0.52	0.68	1.12	4.07	3.70	5.03	8.43	9.30	10.80	10.73	14.14	11.17	9.95	11.47	9.11	10.13	8.23
	0.00	-1.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-20.92	-0.03	0.00	0.00	0.00	0.00	-8.92	-16.85	0.00	0.00	0.00	0.00
ADK_NYS___DAM	64.19	72.38	78.91	66.18	76.68	64.49	59.13	9.45	11.99	21.10	74.89	65.90	103.63	141.65	147.69	167.06	163.66	202.14	167.46	162.41	147.21	113.55	131.86	112.92
23527	4.32	4.65	4.89	4.12	4.90	4.19	3.81	0.60	0.78	1.27	4.19	3.46	4.90	8.79	9.44	9.97	9.23	12.63	10.46	9.39	9.41	7.40	8.15	6.71
	0.00	-1.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-20.17	-0.03	0.00	0.00	0.00	0.00	-8.60	-16.25	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	62.42	70.50	76.86	64.39	74.53	62.65	57.33	9.15	11.60	20.55	73.09	64.31	101.40	137.59	142.86	161.18	157.86	195.26	162.08	157.73	142.16	110.05	128.67	110.26
24190	2.55	2.76	2.84	2.34	2.75	2.34	2.01	0.29	0.40	0.73	2.40	1.87	2.60	4.74	4.60	4.09	3.43	5.75	5.05	4.66	4.36	3.89	4.97	4.05
	0.00	-1.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-20.24	-0.03	0.00	0.00	0.00	0.00	-8.63	-16.30	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	58.64	64.40	72.72	60.97	70.53	58.90	54.06	8.62	10.82	19.10	68.06	60.10	75.87	128.93	133.63	153.27	151.52	185.76	144.35	132.96	134.26	103.32	120.69	104.08
355683	-1.23	-1.46	-1.31	-1.09	-1.26	-1.40	-1.26	-0.23	-0.39	-0.72	-2.64	-2.34	-2.69	-3.89	-4.63	-3.82	-2.91	-3.76	-4.05	-3.82	-3.54	-2.83	-3.01	-2.14
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	63.10	71.24	77.76	65.09	75.39	63.34	58.01	9.27	11.71	20.73	73.92	64.98	101.85	139.09	144.95	164.13	160.95	198.41	164.21	159.51	144.34	111.47	130.00	111.43
323833	3.23	3.54	3.74	3.03	3.60	3.03	2.69	0.41	0.51	0.90	3.22	2.54	3.40	6.23	6.69	7.04	6.52	8.89	7.34	6.72	6.54	5.31	6.30	5.22
	0.00	-1.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-19.88	-0.03	0.00	0.00	0.00	0.00	-8.48	-16.02	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	63.07	71.22	77.74	65.08	75.36	63.32	58.00	9.27	11.71	20.73	73.89	64.97	101.82	139.08	144.93	164.06	160.90	198.38	164.14	159.47	144.32	111.43	129.98	111.42
323834	3.20	3.52	3.71	3.02	3.58	3.02	2.68	0.41	0.51	0.90	3.19	2.53	3.38	6.22	6.67	6.97	6.47	8.86	7.26	6.67	6.52	5.27	6.28	5.21
	0.00	-1.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-19.89	-0.03	0.00	0.00	0.00	0.00	-8.48	-16.02	0.00	0.00	0.00	0.00
ALBANY___1	62.42	70.50	76.86	64.39	74.53	62.65	57.33	9.15	11.60	20.55	73.09	64.31	101.40	137.59	142.86	161.18	157.86	195.26	162.08	157.73	142.16	110.05	128.67	110.26
23571	2.55	2.76	2.84	2.34	2.75	2.34	2.01	0.29	0.40	0.73	2.40	1.87	2.60	4.74	4.60	4.09	3.43	5.75	5.05	4.66	4.36	3.89	4.97	4.05
	0.00	-1.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-20.24	-0.03	0.00	0.00	0.00	0.00	-8.63	-16.30	0.00	0.00	0.00	0.00

ALBANY___2 23572	62.42 2.55 0.00	70.50 2.76 -1.88	76.86 2.84 0.00	64.39 2.34 0.00	74.53 2.75 0.00	62.65 2.34 0.00	57.33 2.01 0.00	9.15 0.29 0.00	11.60 0.40 0.00	20.55 0.73 0.00	73.09 2.40 0.00	64.31 1.87 0.00	101.40 2.60 -20.24	137.59 4.74 -0.03	142.86 4.60 0.00	161.18 4.09 0.00	157.86 3.43 0.00	195.26 5.75 0.00	162.08 5.05 -8.63	157.73 4.66 -16.30	142.16 4.36 0.00	110.05 3.89 0.00	128.67 4.97 0.00	110.26 4.05 0.00
ALBANY___3 23573	62.42 2.55 0.00	70.50 2.76 -1.88	76.86 2.84 0.00	64.39 2.34 0.00	74.53 2.75 0.00	62.65 2.34 0.00	57.33 2.01 0.00	9.15 0.29 0.00	11.60 0.40 0.00	20.55 0.73 0.00	73.09 2.40 0.00	64.31 1.87 0.00	101.40 2.60 -20.24	137.59 4.74 -0.03	142.86 4.60 0.00	161.18 4.09 0.00	157.86 3.43 0.00	195.26 5.75 0.00	162.08 5.05 -8.63	157.73 4.66 -16.30	142.16 4.36 0.00	110.05 3.89 0.00	128.67 4.97 0.00	110.26 4.05 0.00
ALBANY___4 23574	62.42 2.55 0.00	70.50 2.76 -1.88	76.86 2.84 0.00	64.39 2.34 0.00	74.53 2.75 0.00	62.65 2.34 0.00	57.33 2.01 0.00	9.15 0.29 0.00	11.60 0.40 0.00	20.55 0.73 0.00	73.09 2.40 0.00	64.31 1.87 0.00	101.40 2.60 -20.24	137.59 4.74 -0.03	142.86 4.60 0.00	161.18 4.09 0.00	157.86 3.43 0.00	195.26 5.75 0.00	162.08 5.05 -8.63	157.73 4.66 -16.30	142.16 4.36 0.00	110.05 3.89 0.00	128.67 4.97 0.00	110.26 4.05 0.00
ALBANY___LFGE 323615	62.86 2.99 0.00	70.99 3.23 -1.90	77.39 3.36 0.00	64.83 2.77 0.00	75.06 3.28 0.00	63.10 2.79 0.00	57.76 2.44 0.00	9.23 0.37 0.00	11.70 0.49 0.00	20.71 0.89 0.00	73.71 3.02 0.00	64.92 2.48 0.00	102.37 3.38 -20.43	138.85 5.99 -0.03	144.30 6.04 0.00	162.93 5.84 0.00	159.67 5.23 0.00	197.35 7.83 0.00	163.75 6.63 -8.71	159.33 6.09 -16.46	143.63 5.83 0.00	111.09 4.93 0.00	129.73 6.02 0.00	111.13 4.92 0.00
ALCOA_PA_115KV_PL-6C 55860	58.81 -1.06 0.00	64.76 -1.10 0.00	73.15 -0.87 0.00	61.31 -0.75 0.00	70.92 -0.86 0.00	59.16 -1.15 0.00	54.21 -1.11 0.00	8.65 -0.21 0.00	10.81 -0.40 0.00	18.98 -0.84 0.00	67.77 -2.93 0.00	59.81 -2.63 0.00	75.57 -2.99 0.00	129.16 -3.66 0.00	133.11 -5.14 0.00	153.81 -3.29 0.00	152.08 -2.35 0.00	186.53 -2.99 0.00	145.24 -3.16 0.00	133.81 -2.96 0.00	135.10 -2.70 0.00	104.11 -2.05 0.00	121.77 -1.93 0.00	105.08 -1.14 0.00
ALCOA_RYNLDS___DRP 24188	58.81 -1.06 0.00	64.76 -1.10 0.00	73.15 -0.87 0.00	61.31 -0.75 0.00	70.92 -0.86 0.00	59.16 -1.15 0.00	54.21 -1.11 0.00	8.65 -0.21 0.00	10.81 -0.40 0.00	18.98 -0.84 0.00	67.77 -2.93 0.00	59.81 -2.63 0.00	75.57 -2.99 0.00	129.16 -3.66 0.00	133.11 -5.14 0.00	153.81 -3.29 0.00	152.08 -2.35 0.00	186.53 -2.99 0.00	145.24 -3.16 0.00	133.81 -2.96 0.00	135.10 -2.70 0.00	104.11 -2.05 0.00	121.77 -1.93 0.00	105.08 -1.14 0.00
ALCOA___DSASP 323711	58.81 -1.06 0.00	64.76 -1.10 0.00	73.15 -0.87 0.00	61.31 -0.74 0.00	70.92 -0.86 0.00	59.15 -1.15 0.00	54.21 -1.11 0.00	8.65 -0.21 0.00	10.80 -0.40 0.00	18.98 -0.84 0.00	67.77 -2.93 0.00	59.81 -2.63 0.00	75.57 -2.99 0.00	129.17 -3.66 0.00	133.11 -5.14 0.00	153.81 -3.29 0.00	152.09 -2.34 0.00	186.53 -2.98 0.00	145.22 -3.18 0.00	133.81 -2.96 0.00	135.10 -2.70 0.00	104.10 -2.05 0.00	121.77 -1.93 0.00	105.08 -1.14 0.00
ALLEGHENY___COGEN 23514	60.64 0.77 0.00	67.28 1.15 -0.27	75.45 1.42 0.00	63.20 1.15 0.00	73.45 1.67 0.00	61.93 1.62 0.00	57.29 1.96 0.00	9.22 0.37 0.00	11.75 0.55 0.00	20.65 0.82 0.00	72.56 1.87 0.00	64.03 1.59 0.00	83.07 1.66 -2.85	135.98 3.15 0.00	141.75 3.50 0.00	162.82 5.72 0.00	158.82 4.39 0.00	194.59 5.08 0.00	152.83 3.21 -1.22	141.09 2.02 -2.30	139.96 2.16 0.00	106.64 0.49 0.00	120.60 -3.10 0.00	102.82 -3.39 0.00
ALTAMONT_115KV_TB 2 55880	62.42 2.55 0.00	70.51 2.78 -1.88	76.92 2.89 0.00	64.43 2.37 0.00	74.56 2.78 0.00	62.65 2.34 0.00	57.37 2.05 0.00	9.18 0.33 0.00	11.65 0.44 0.00	20.61 0.78 0.00	73.53 2.84 0.00	64.83 2.39 0.00	101.92 3.14 -20.22	138.34 5.48 -0.03	144.00 5.75 0.00	162.91 5.81 0.00	159.83 5.40 0.00	196.70 7.19 0.00	163.12 6.10 -8.62	158.77 5.71 -16.28	143.42 5.61 0.00	110.68 4.52 0.00	128.91 5.21 0.00	110.53 4.32 0.00
ALTONA_WT_PWR 323606	58.49 -1.38 0.00	64.51 -1.34 0.00	73.05 -0.98 0.00	61.14 -0.91 0.00	70.69 -1.09 0.00	58.73 -1.57 0.00	53.98 -1.34 0.00	8.64 -0.21 0.00	10.78 -0.43 0.00	19.05 -0.78 0.00	68.32 -2.37 0.00	60.46 -1.98 0.00	76.34 -2.22 0.00	129.87 -2.95 0.00	134.98 -3.27 0.00	154.68 -2.41 0.00	153.10 -1.33 0.00	188.10 -1.41 0.00	146.52 -1.88 0.00	134.90 -1.87 0.00	136.09 -1.71 0.00	104.51 -1.65 0.00	121.91 -1.80 0.00	105.84 -0.37 0.00
AMERICAN_REF_FUEL 24010	55.35 -4.52 0.00	61.30 -4.80 -0.24	68.67 -5.36 0.00	57.63 -4.43 0.00	67.01 -4.77 0.00	56.37 -3.93 0.00	51.96 -3.36 0.00	8.30 -0.55 0.00	10.56 -0.65 0.00	18.48 -1.35 0.00	64.81 -5.89 0.00	57.21 -5.23 0.00	74.45 -6.66 -2.56	120.62 -12.20 0.00	126.30 -11.96 0.00	146.08 -11.01 0.00	140.27 -14.16 0.00	170.15 -19.36 0.00	132.70 -16.78 -1.09	121.99 -16.86 -2.06	121.31 -16.50 0.00	93.95 -12.21 0.00	110.95 -12.75 0.00	96.47 -9.74 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	57.50 -2.37 0.00	64.00 -2.13 -0.27	71.88 -2.15 0.00	60.09 -1.96 0.00	69.71 -2.08 0.00	58.61 -1.70 0.00	54.04 -1.28 0.00	8.67 -0.19 0.00	11.09 -0.12 0.00	19.55 -0.27 0.00	68.81 -1.89 0.00	60.65 -1.79 0.00	78.99 -2.41 -2.85	127.92 -4.91 0.00	133.87 -4.38 0.00	154.60 -2.49 0.00	149.26 -5.18 0.00	181.43 -8.09 0.00	142.01 -7.60 -1.21	130.85 -8.22 -2.30	129.83 -7.97 0.00	100.36 -5.80 0.00	117.76 -5.95 0.00	100.71 -5.50 0.00
ARTHUR KILL_GT_1 23520	67.14 4.71 -2.56	72.23 4.82 -1.56	78.69 4.67 0.00	65.80 3.75 0.00	76.09 4.31 0.00	64.14 3.84 0.00	61.88 3.66 -2.90	9.46 0.61 0.00	12.05 0.84 0.00	29.81 1.64 -8.34	365.34 7.07 -287.58	119.32 6.21 -50.67	127.58 7.59 -41.43	145.12 12.27 -0.02	151.07 12.82 0.00	169.77 12.68 0.00	166.84 12.41 0.00	204.40 14.87 -0.02	202.48 13.56 -40.52	332.99 13.38 -182.83	175.81 12.93 -25.08	157.37 10.18 -41.03	197.17 11.24 -62.22	121.21 9.22 -5.78
ARTHUR_KILL_2 23512	66.96 4.53 -2.56	72.05 4.63 -1.56	78.48 4.45 0.00	65.63 3.57 0.00	75.90 4.11 0.00	63.97 3.66 0.00	61.71 3.49 -2.90	9.44 0.58 0.00	12.02 0.81 0.00	29.75 1.58 -8.34	365.13 6.86 -287.58	119.15 6.03 -50.67	127.34 7.35 -41.43	144.72 11.87 -0.02	150.60 12.34 0.00	169.23 12.13 0.00	166.28 11.85 0.00	203.72 14.19 -0.02	201.96 13.03 -40.52	332.52 12.91 -182.83	175.31 12.42 -25.08	157.03 9.85 -41.03	196.77 10.84 -62.22	120.90 8.91 -5.78
ARTHUR_KILL_3 23513	66.44 3.90 -2.67	71.29 3.87 -1.56	64.85 3.68 12.86	63.87 2.93 1.11	70.73 3.41 4.46	63.38 3.07 0.00	61.14 2.80 -3.03	5.61 0.48 3.72	4.37 0.70 7.54	26.85 1.38 -5.63	376.97 5.96 -300.31	120.70 5.34 -52.92	127.75 6.66 -42.53	125.33 11.12 18.62	123.15 11.58 26.68	123.15 11.30 45.25	123.15 10.95 42.24	135.05 12.93 67.39	202.17 11.77 -42.00	338.33 11.21 -190.33	175.25 11.25 -26.19	157.81 8.80 -42.84	198.42 9.75 -64.97	120.25 8.01 -6.03

ARTHUR_KILL_COGEN 323718	67.14 4.71 -2.56	72.23 4.82 -1.56	78.69 4.67 0.00	65.80 3.75 0.00	76.09 4.31 0.00	64.14 3.84 0.00	61.88 3.66 -2.90	9.46 0.61 0.00	12.05 0.84 0.00	29.81 1.64 -8.34	365.34 7.07 -287.58	119.32 6.21 -50.67	127.58 7.59 -41.43	145.12 12.27 -0.02	151.07 12.82 0.00	169.77 12.68 0.00	166.84 12.41 0.00	204.40 14.87 -0.02	202.48 13.56 -40.52	332.99 13.38 -182.83	175.81 12.93 -25.08	157.37 10.18 -41.03	197.17 11.24 -62.22	121.21 9.22 -5.78
ASHOKAN____ 23654	64.46 4.59 0.00	72.32 4.74 -1.72	79.12 5.09 0.00	66.15 4.09 0.00	76.65 4.87 0.00	64.47 4.17 0.00	59.15 3.83 0.00	9.50 0.65 0.00	12.11 0.90 0.00	21.43 1.61 0.00	77.07 6.37 0.00	67.74 5.30 0.00	103.72 6.61 -18.55	144.54 11.68 -0.03	151.02 12.76 0.00	170.77 13.68 0.00	167.84 13.41 0.00	206.70 17.18 0.00	170.20 13.89 -7.91	164.16 12.45 -14.94	150.57 12.77 0.00	116.00 9.84 0.00	134.59 10.88 0.00	115.04 8.83 0.00
ASTORIA_EAST_ENERGY_CC1 323581	64.17 4.30 0.00	71.77 4.36 -1.56	78.28 4.26 0.00	65.44 3.39 0.00	75.69 3.91 0.00	63.76 3.46 0.00	58.56 3.24 0.00	9.41 0.56 0.00	12.00 0.79 0.00	21.38 1.55 0.00	77.35 6.66 0.00	68.31 5.87 0.00	102.45 7.29 -16.60	145.02 12.17 -0.02	150.67 12.42 0.00	169.23 12.13 0.00	166.31 11.88 0.00	203.68 14.17 0.00	168.31 12.83 -7.08	162.68 12.53 -13.37	150.14 12.34 0.00	115.94 9.78 0.00	134.59 10.89 0.00	115.25 9.03 0.00
ASTORIA_EAST_ENERGY_CC2 323582	64.17 4.30 0.00	71.78 4.37 -1.56	78.29 4.26 0.00	65.44 3.39 0.00	75.69 3.91 0.00	63.77 3.47 0.00	58.56 3.24 0.00	9.41 0.56 0.00	12.00 0.79 0.00	21.38 1.55 0.00	77.35 6.65 0.00	68.30 5.86 0.00	102.45 7.28 -16.60	145.01 12.16 -0.02	150.66 12.41 0.00	169.23 12.13 0.00	166.31 11.88 0.00	203.68 14.17 0.00	168.31 12.83 -7.08	162.68 12.53 -13.37	150.14 12.34 0.00	115.94 9.78 0.00	134.59 10.89 0.00	115.25 9.03 0.00
ASTORIA_GT2_1 24094	64.20 4.33 0.00	71.82 4.41 -1.56	78.32 4.30 0.00	65.48 3.42 0.00	75.74 3.96 0.00	63.82 3.52 0.00	58.59 3.27 0.00	9.42 0.56 0.00	12.00 0.80 0.00	21.38 1.56 0.00	77.37 6.67 0.00	68.33 5.89 0.00	102.46 7.30 -16.60	145.15 12.30 -0.02	150.74 12.48 0.00	169.26 12.17 0.00	166.37 11.94 0.00	203.76 14.24 0.00	168.42 12.94 -7.08	162.80 12.64 -13.37	150.32 12.52 0.00	115.97 9.81 0.00	134.60 10.89 0.00	115.29 9.08 0.00
ASTORIA_GT2_2 24095	64.20 4.33 0.00	71.82 4.41 -1.56	78.32 4.30 0.00	65.48 3.42 0.00	75.74 3.96 0.00	63.82 3.52 0.00	58.59 3.27 0.00	9.42 0.56 0.00	12.00 0.80 0.00	21.38 1.56 0.00	77.37 6.67 0.00	68.33 5.89 0.00	102.46 7.30 -16.60	145.15 12.30 -0.02	150.74 12.48 0.00	169.26 12.17 0.00	166.37 11.94 0.00	203.76 14.24 0.00	168.42 12.94 -7.08	162.80 12.64 -13.37	150.32 12.52 0.00	115.97 9.81 0.00	134.60 10.89 0.00	115.29 9.08 0.00
ASTORIA_GT2_3 24096	64.20 4.33 0.00	71.82 4.41 -1.56	78.32 4.30 0.00	65.48 3.42 0.00	75.74 3.96 0.00	63.82 3.52 0.00	58.59 3.27 0.00	9.42 0.56 0.00	12.00 0.80 0.00	21.38 1.56 0.00	77.37 6.67 0.00	68.33 5.89 0.00	102.46 7.30 -16.60	145.15 12.30 -0.02	150.74 12.48 0.00	169.26 12.17 0.00	166.37 11.94 0.00	203.76 14.24 0.00	168.42 12.94 -7.08	162.80 12.64 -13.37	150.32 12.52 0.00	115.97 9.81 0.00	134.60 10.89 0.00	115.29 9.08 0.00
ASTORIA_GT2_4 24097	64.20 4.33 0.00	71.82 4.41 -1.56	78.32 4.30 0.00	65.48 3.42 0.00	75.74 3.96 0.00	63.82 3.52 0.00	58.59 3.27 0.00	9.42 0.56 0.00	12.00 0.80 0.00	21.38 1.56 0.00	77.37 6.67 0.00	68.33 5.89 0.00	102.46 7.30 -16.60	145.15 12.30 -0.02	150.74 12.48 0.00	169.26 12.17 0.00	166.37 11.94 0.00	203.76 14.24 0.00	168.42 12.94 -7.08	162.80 12.64 -13.37	150.32 12.52 0.00	115.97 9.81 0.00	134.60 10.89 0.00	115.29 9.08 0.00
ASTORIA_GT3_1 24098	64.20 4.33 0.00	71.82 4.41 -1.56	78.32 4.30 0.00	65.48 3.42 0.00	75.74 3.96 0.00	63.82 3.52 0.00	58.59 3.27 0.00	9.42 0.56 0.00	12.00 0.80 0.00	21.38 1.56 0.00	77.37 6.67 0.00	68.33 5.89 0.00	102.46 7.30 -16.60	145.15 12.30 -0.02	150.74 12.48 0.00	169.26 12.17 0.00	166.37 11.94 0.00	203.76 14.24 0.00	168.42 12.94 -7.08	162.80 12.64 -13.37	150.32 12.52 0.00	115.97 9.81 0.00	134.60 10.89 0.00	115.29 9.08 0.00
ASTORIA_GT3_2 24099	64.20 4.33 0.00	71.82 4.41 -1.56	78.32 4.30 0.00	65.48 3.42 0.00	75.74 3.96 0.00	63.82 3.52 0.00	58.59 3.27 0.00	9.42 0.56 0.00	12.00 0.80 0.00	21.38 1.56 0.00	77.37 6.67 0.00	68.33 5.89 0.00	102.46 7.30 -16.60	145.15 12.30 -0.02	150.74 12.48 0.00	169.26 12.17 0.00	166.37 11.94 0.00	203.76 14.24 0.00	168.42 12.94 -7.08	162.80 12.64 -13.37	150.32 12.52 0.00	115.97 9.81 0.00	134.60 10.89 0.00	115.29 9.08 0.00
ASTORIA_GT3_3 24100	64.20 4.33 0.00	71.82 4.41 -1.56	78.32 4.30 0.00	65.48 3.42 0.00	75.74 3.96 0.00	63.82 3.52 0.00	58.59 3.27 0.00	9.42 0.56 0.00	12.00 0.80 0.00	21.38 1.56 0.00	77.37 6.67 0.00	68.33 5.89 0.00	102.46 7.30 -16.60	145.15 12.30 -0.02	150.74 12.48 0.00	169.26 12.17 0.00	166.37 11.94 0.00	203.76 14.24 0.00	168.42 12.94 -7.08	162.80 12.64 -13.37	150.32 12.52 0.00	115.97 9.81 0.00	134.60 10.89 0.00	115.29 9.08 0.00
ASTORIA_GT3_4 24101	64.20 4.33 0.00	71.82 4.41 -1.56	78.32 4.30 0.00	65.48 3.42 0.00	75.74 3.96 0.00	63.82 3.52 0.00	58.59 3.27 0.00	9.42 0.56 0.00	12.00 0.80 0.00	21.38 1.56 0.00	77.37 6.67 0.00	68.33 5.89 0.00	102.46 7.30 -16.60	145.15 12.30 -0.02	150.74 12.48 0.00	169.26 12.17 0.00	166.37 11.94 0.00	203.76 14.24 0.00	168.42 12.94 -7.08	162.80 12.64 -13.37	150.32 12.52 0.00	115.97 9.81 0.00	134.60 10.89 0.00	115.29 9.08 0.00
ASTORIA_GT4_1 24102	64.20 4.33 0.00	71.82 4.41 -1.56	78.32 4.30 0.00	65.48 3.42 0.00	75.74 3.96 0.00	63.82 3.52 0.00	58.59 3.27 0.00	9.42 0.56 0.00	12.00 0.80 0.00	21.38 1.56 0.00	77.37 6.67 0.00	68.33 5.89 0.00	102.46 7.30 -16.60	145.15 12.30 -0.02	150.74 12.48 0.00	169.26 12.17 0.00	166.37 11.94 0.00	203.76 14.24 0.00	168.42 12.94 -7.08	162.80 12.64 -13.37	150.32 12.52 0.00	115.97 9.81 0.00	134.60 10.89 0.00	115.29 9.08 0.00
ASTORIA_GT4_2 24103	64.20 4.33 0.00	71.82 4.41 -1.56	78.32 4.30 0.00	65.48 3.42 0.00	75.74 3.96 0.00	63.82 3.52 0.00	58.59 3.27 0.00	9.42 0.56 0.00	12.00 0.80 0.00	21.38 1.56 0.00	77.37 6.67 0.00	68.33 5.89 0.00	102.46 7.30 -16.60	145.15 12.30 -0.02	150.74 12.48 0.00	169.26 12.17 0.00	166.37 11.94 0.00	203.76 14.24 0.00	168.42 12.94 -7.08	162.80 12.64 -13.37	150.32 12.52 0.00	115.97 9.81 0.00	134.60 10.89 0.00	115.29 9.08 0.00
ASTORIA_GT4_3 24104	64.20 4.33 0.00	71.82 4.41 -1.56	78.32 4.30 0.00	65.48 3.42 0.00	75.74 3.96 0.00	63.82 3.52 0.00	58.59 3.27 0.00	9.42 0.56 0.00	12.00 0.80 0.00	21.38 1.56 0.00	77.37 6.67 0.00	68.33 5.89 0.00	102.46 7.30 -16.60	145.15 12.30 -0.02	150.74 12.48 0.00	169.26 12.17 0.00	166.37 11.94 0.00	203.76 14.24 0.00	168.42 12.94 -7.08	162.80 12.64 -13.37	150.32 12.52 0.00	115.97 9.81 0.00	134.60 10.89 0.00	115.29 9.08 0.00

ASTORIA_GT4_4 24105	64.20 4.33 0.00	71.82 4.41 -1.56	78.32 4.30 0.00	65.48 3.42 0.00	75.74 3.96 0.00	63.82 3.52 0.00	58.59 3.27 0.00	9.42 0.56 0.00	12.00 0.80 0.00	21.38 1.56 0.00	77.37 6.67 0.00	68.33 5.89 0.00	102.46 7.30 -16.60	145.15 12.30 -0.02	150.74 12.48 0.00	169.26 12.17 0.00	166.37 11.94 0.00	203.76 14.24 0.00	168.42 12.94 -7.08	162.80 12.64 -13.37	150.32 12.52 0.00	115.97 9.81 0.00	134.60 10.89 0.00	115.29 9.08 0.00
ASTORIA_GT_1 23523	64.32 4.45 0.00	71.95 4.53 -1.56	78.46 4.44 0.00	65.59 3.54 0.00	75.88 4.09 0.00	63.92 3.61 0.00	58.68 3.36 0.00	9.44 0.58 0.00	12.03 0.82 0.00	21.42 1.59 0.00	77.51 6.82 0.00	68.46 6.02 0.00	102.61 7.45 -16.60	145.36 12.51 -0.02	151.02 12.77 0.00	169.60 12.51 0.00	166.71 12.28 0.00	204.18 14.67 0.00	168.73 13.25 -7.08	163.05 12.90 -13.37	150.50 12.70 0.00	116.20 10.04 0.00	134.85 11.15 0.00	115.50 9.29 0.00
ASTORIA_GT_10 24110	64.23 4.36 0.00	71.87 4.46 -1.56	78.35 4.33 0.00	65.49 3.43 0.00	75.78 4.00 0.00	63.84 3.54 0.00	58.59 3.27 0.00	9.42 0.56 0.00	12.01 0.80 0.00	21.39 1.56 0.00	77.42 6.72 0.00	68.42 5.98 0.00	102.60 7.44 -16.60	145.25 12.40 -0.02	151.11 12.86 0.00	169.92 12.83 0.00	166.86 12.43 0.00	204.04 14.52 0.00	168.72 13.23 -7.08	162.85 12.70 -13.37	150.39 12.59 0.00	116.05 9.89 0.00	134.64 10.94 0.00	115.22 9.01 0.00
ASTORIA_GT_11 24225	64.23 4.36 0.00	71.87 4.46 -1.56	78.35 4.33 0.00	65.49 3.43 0.00	75.78 4.00 0.00	63.84 3.54 0.00	58.59 3.27 0.00	9.42 0.56 0.00	12.01 0.80 0.00	21.39 1.56 0.00	77.42 6.72 0.00	68.42 5.98 0.00	102.60 7.44 -16.60	145.25 12.40 -0.02	151.11 12.86 0.00	169.92 12.83 0.00	166.86 12.43 0.00	204.04 14.52 0.00	168.72 13.23 -7.08	162.85 12.70 -13.37	150.39 12.59 0.00	116.05 9.89 0.00	134.64 10.94 0.00	115.22 9.01 0.00
ASTORIA_GT_12 24226	64.23 4.36 0.00	71.87 4.46 -1.56	78.35 4.33 0.00	65.49 3.43 0.00	75.78 4.00 0.00	63.84 3.54 0.00	58.59 3.27 0.00	9.42 0.56 0.00	12.01 0.80 0.00	21.39 1.56 0.00	77.42 6.72 0.00	68.42 5.98 0.00	102.60 7.44 -16.60	145.25 12.40 -0.02	151.11 12.86 0.00	169.92 12.83 0.00	166.86 12.43 0.00	204.04 14.52 0.00	168.72 13.23 -7.08	162.85 12.70 -13.37	150.39 12.59 0.00	116.05 9.89 0.00	134.64 10.94 0.00	115.22 9.01 0.00
ASTORIA_GT_13 24227	64.23 4.36 0.00	71.87 4.46 -1.56	78.35 4.33 0.00	65.49 3.43 0.00	75.78 4.00 0.00	63.84 3.54 0.00	58.59 3.27 0.00	9.42 0.56 0.00	12.01 0.80 0.00	21.39 1.56 0.00	77.42 6.72 0.00	68.42 5.98 0.00	102.60 7.44 -16.60	145.25 12.40 -0.02	151.11 12.86 0.00	169.92 12.83 0.00	166.86 12.43 0.00	204.04 14.52 0.00	168.72 13.23 -7.08	162.85 12.70 -13.37	150.39 12.59 0.00	116.05 9.89 0.00	134.64 10.94 0.00	115.22 9.01 0.00
ASTORIA_GT_5 24106	64.32 4.45 0.00	71.95 4.53 -1.56	78.46 4.44 0.00	65.58 3.53 0.00	75.87 4.09 0.00	63.92 3.62 0.00	58.68 3.37 0.00	9.44 0.58 0.00	12.03 0.82 0.00	21.42 1.59 0.00	77.51 6.81 0.00	68.46 6.02 0.00	102.62 7.45 -16.60	145.42 12.57 -0.02	151.01 12.76 0.00	169.60 12.51 0.00	166.72 12.29 0.00	204.20 14.68 0.00	168.75 13.27 -7.08	163.11 12.96 -13.37	150.61 12.80 0.00	116.20 10.04 0.00	134.85 11.15 0.00	115.50 9.29 0.00
ASTORIA_GT_7 24107	64.32 4.45 0.00	71.95 4.53 -1.56	78.46 4.44 0.00	65.58 3.53 0.00	75.87 4.09 0.00	63.92 3.62 0.00	58.68 3.37 0.00	9.44 0.58 0.00	12.03 0.82 0.00	21.42 1.59 0.00	77.51 6.81 0.00	68.46 6.02 0.00	102.62 7.45 -16.60	145.42 12.57 -0.02	151.01 12.76 0.00	169.60 12.51 0.00	166.72 12.29 0.00	204.20 14.68 0.00	168.75 13.27 -7.08	163.11 12.96 -13.37	150.61 12.80 0.00	116.20 10.04 0.00	134.85 11.15 0.00	115.50 9.29 0.00
ASTORIA_GT_8 24108	64.32 4.45 0.00	71.95 4.53 -1.56	78.46 4.44 0.00	65.58 3.53 0.00	75.87 4.09 0.00	63.92 3.62 0.00	58.68 3.37 0.00	9.44 0.58 0.00	12.03 0.82 0.00	21.42 1.59 0.00	77.51 6.81 0.00	68.46 6.02 0.00	102.62 7.45 -16.60	145.42 12.57 -0.02	151.01 12.76 0.00	169.60 12.51 0.00	166.72 12.29 0.00	204.20 14.68 0.00	168.75 13.27 -7.08	163.11 12.96 -13.37	150.61 12.80 0.00	116.20 10.04 0.00	134.85 11.15 0.00	115.50 9.29 0.00
ASTORIA___2 24149	64.20 4.33 0.00	71.82 4.41 -1.56	78.32 4.30 0.00	65.48 3.43 0.00	75.74 3.95 0.00	63.82 3.51 0.00	58.59 3.27 0.00	9.42 0.56 0.00	12.00 0.80 0.00	21.38 1.56 0.00	77.37 6.67 0.00	68.33 5.89 0.00	102.46 7.30 -16.60	145.07 12.22 -0.02	150.72 12.47 0.00	169.28 12.18 0.00	166.38 11.95 0.00	203.77 14.26 0.00	168.41 12.92 -7.08	162.74 12.58 -13.37	150.20 12.39 0.00	115.98 9.82 0.00	134.59 10.89 0.00	115.29 9.08 0.00
ASTORIA___3 23516	64.23 4.36 0.00	71.87 4.45 -1.56	78.35 4.32 0.00	65.49 3.44 0.00	75.78 4.00 0.00	63.84 3.53 0.00	58.59 3.27 0.00	9.42 0.56 0.00	12.01 0.80 0.00	21.39 1.56 0.00	77.42 6.73 0.00	68.42 5.98 0.00	102.60 7.43 -16.60	145.24 12.39 -0.02	151.13 12.88 0.00	169.91 12.82 0.00	166.86 12.43 0.00	204.00 14.49 0.00	168.69 13.21 -7.08	162.83 12.68 -13.37	150.35 12.55 0.00	116.05 9.90 0.00	134.62 10.92 0.00	115.22 9.01 0.00
ASTORIA___4 23517	64.23 4.36 0.00	71.87 4.46 -1.56	78.35 4.33 0.00	65.49 3.43 0.00	75.78 4.00 0.00	63.84 3.54 0.00	58.59 3.27 0.00	9.42 0.56 0.00	12.01 0.80 0.00	21.39 1.56 0.00	77.42 6.72 0.00	68.42 5.98 0.00	102.60 7.44 -16.60	145.25 12.40 -0.02	151.11 12.86 0.00	169.92 12.83 0.00	166.86 12.43 0.00	204.04 14.52 0.00	168.72 13.23 -7.08	162.85 12.70 -13.37	150.39 12.59 0.00	116.05 9.89 0.00	134.64 10.94 0.00	115.22 9.01 0.00
ASTORIA___5 23518	64.23 4.36 0.00	71.87 4.45 -1.56	78.35 4.32 0.00	65.49 3.44 0.00	75.78 4.00 0.00	63.84 3.53 0.00	58.59 3.27 0.00	9.42 0.56 0.00	12.01 0.80 0.00	21.39 1.56 0.00	77.42 6.73 0.00	68.42 5.98 0.00	102.60 7.43 -16.60	145.24 12.39 -0.02	151.13 12.88 0.00	169.91 12.82 0.00	166.86 12.43 0.00	204.00 14.49 0.00	168.69 13.21 -7.08	162.83 12.68 -13.37	150.35 12.55 0.00	116.05 9.90 0.00	134.62 10.92 0.00	115.23 9.02 0.00
AST_ENERGY_2_CC3 323677	64.00 4.13 0.00	71.57 4.16 -1.56	77.90 3.87 0.00	65.17 3.12 0.00	75.43 3.64 0.00	63.53 3.22 0.00	58.21 2.90 0.00	9.36 0.50 0.00	11.93 0.73 0.00	21.24 1.41 0.00	76.95 6.26 0.00	68.04 5.60 0.00	102.18 7.02 -16.60	144.66 11.80 -0.02	150.52 12.27 0.00	169.05 11.96 0.00	166.08 11.65 0.00	202.98 13.46 0.00	167.88 12.40 -7.08	161.98 11.83 -13.37	149.77 11.97 0.00	115.53 9.37 0.00	134.11 10.41 0.00	114.76 8.54 0.00
AST_ENERGY_2_CC4 323678	64.00 4.13 0.00	71.57 4.16 -1.56	77.90 3.87 0.00	65.17 3.12 0.00	75.43 3.64 0.00	63.53 3.22 0.00	58.21 2.90 0.00	9.36 0.50 0.00	11.93 0.73 0.00	21.24 1.41 0.00	76.95 6.26 0.00	68.04 5.60 0.00	102.18 7.02 -16.60	144.66 11.80 -0.02	150.52 12.27 0.00	169.05 11.96 0.00	166.08 11.65 0.00	202.98 13.46 0.00	167.88 12.40 -7.08	161.98 11.83 -13.37	149.77 11.97 0.00	115.53 9.37 0.00	134.11 10.41 0.00	114.76 8.54 0.00

ATHENS_STG_1 23668	62.84 2.97 0.00	70.74 3.20 -1.69	77.35 3.33 0.00	64.75 2.70 0.00	74.93 3.15 0.00	62.96 2.66 0.00	57.67 2.35 0.00	9.25 0.39 0.00	11.76 0.55 0.00	20.82 0.99 0.00	74.53 3.84 0.00	65.77 3.33 0.00	100.99 4.25 -18.19	140.13 7.28 -0.03	145.87 7.61 0.00	164.75 7.66 0.00	161.60 7.17 0.00	198.42 8.90 0.00	163.87 7.72 -7.75	158.76 7.34 -14.65	145.15 7.35 0.00	111.95 5.80 0.00	130.15 6.45 0.00	111.59 5.38 0.00
ATHENS_STG_2 23670	62.84 2.97 0.00	70.74 3.20 -1.69	77.35 3.33 0.00	64.75 2.70 0.00	74.93 3.15 0.00	62.96 2.66 0.00	57.67 2.35 0.00	9.25 0.39 0.00	11.76 0.55 0.00	20.82 0.99 0.00	74.53 3.84 0.00	65.77 3.33 0.00	100.99 4.25 -18.19	140.13 7.28 -0.03	145.87 7.61 0.00	164.75 7.66 0.00	161.60 7.17 0.00	198.42 8.90 0.00	163.87 7.72 -7.75	158.76 7.34 -14.65	145.15 7.35 0.00	111.95 5.80 0.00	130.15 6.45 0.00	111.59 5.38 0.00
ATHENS_STG_3 23677	62.84 2.97 0.00	70.74 3.20 -1.69	77.35 3.33 0.00	64.75 2.70 0.00	74.93 3.15 0.00	62.96 2.66 0.00	57.67 2.35 0.00	9.25 0.39 0.00	11.76 0.55 0.00	20.82 0.99 0.00	74.53 3.84 0.00	65.77 3.33 0.00	100.99 4.25 -18.19	140.13 7.28 -0.03	145.87 7.61 0.00	164.75 7.66 0.00	161.60 7.17 0.00	198.42 8.90 0.00	163.87 7.72 -7.75	158.76 7.34 -14.65	145.15 7.35 0.00	111.95 5.80 0.00	130.15 6.45 0.00	111.59 5.38 0.00
AUBURN___LFGE 323710	60.91 1.03 0.00	67.17 1.11 -0.20	75.24 1.22 0.00	63.07 1.02 0.00	73.36 1.58 0.00	61.95 1.65 0.00	57.01 1.69 0.00	9.17 0.31 0.00	11.66 0.45 0.00	20.59 0.76 0.00	73.01 2.31 0.00	64.41 1.97 0.00	81.49 0.83 -2.10	133.80 0.97 0.00	139.81 1.55 0.00	159.31 2.21 0.00	156.00 1.57 0.00	190.98 1.47 0.00	149.82 0.52 -0.90	138.65 0.18 -1.69	137.89 0.09 0.00	106.19 0.03 0.00	124.14 0.43 0.00	106.71 0.50 0.00
BABYLON_RES_REC 323704	65.45 5.58 0.00	73.22 5.80 -1.56	80.04 6.01 0.00	66.87 4.81 0.00	77.36 5.58 0.00	65.01 4.71 0.00	59.78 4.46 0.00	21.17 0.86 -11.45	94.16 1.19 -81.76	32.62 2.11 -10.68	239.79 8.43 -160.67	171.33 7.38 -101.51	132.18 9.22 -44.40	168.88 15.72 -20.33	174.27 16.62 -19.40	178.25 16.81 -4.35	174.56 16.59 -3.54	207.37 17.86 0.00	172.82 16.79 -7.63	172.00 15.85 -19.37	171.38 16.03 -17.54	167.86 12.32 -49.38	157.27 13.60 -19.97	127.59 11.52 -9.86
BABYLON__69_KV_BK2 356345	66.03 6.15 0.00	73.86 6.45 -1.56	80.75 6.72 0.00	67.52 5.47 0.00	78.11 6.33 0.00	65.67 5.37 0.00	60.39 5.07 0.00	21.46 0.95 -11.65	96.11 1.31 -83.59	33.05 2.33 -10.88	243.77 9.25 -163.83	173.94 8.18 -103.32	133.16 10.20 -44.40	170.49 17.34 -20.33	175.90 18.24 -19.40	180.23 18.79 -4.35	176.45 18.48 -3.54	209.72 20.20 0.00	174.61 18.58 -7.63	173.63 17.48 -19.37	173.01 17.66 -17.54	169.15 13.61 -49.38	158.76 15.09 -19.97	128.82 12.75 -9.86
BALL_HILL_WT_PWR 323825	57.11 -2.76 0.00	63.39 -2.72 -0.26	71.08 -2.94 0.00	59.56 -2.50 0.00	69.18 -2.60 0.00	58.22 -2.08 0.00	53.68 -1.64 0.00	8.60 -0.26 0.00	10.95 -0.25 0.00	19.29 -0.53 0.00	67.87 -2.82 0.00	59.86 -2.58 0.00	77.88 -3.42 -2.74	126.25 -6.58 0.00	132.12 -6.13 0.00	152.38 -4.72 0.00	146.99 -7.44 0.00	178.59 -10.93 0.00	139.69 -9.88 -1.17	128.63 -10.35 -2.21	127.77 -10.04 0.00	98.80 -7.36 0.00	116.29 -7.41 0.00	100.36 -5.85 0.00
BARON_WINDS___WT_PWR 323822	57.68 -2.19 0.00	64.37 -1.83 -0.35	72.41 -1.61 0.00	60.45 -1.60 0.00	70.38 -1.41 0.00	59.26 -1.04 0.00	54.72 -0.60 0.00	8.81 -0.04 0.00	11.22 0.02 0.00	19.75 -0.08 0.00	69.77 -0.92 0.00	61.70 -0.74 0.00	80.74 -1.47 -3.65	130.19 -2.64 0.00	135.58 -2.67 0.00	155.34 -1.75 0.00	151.15 -3.28 0.00	183.57 -5.94 0.00	145.29 -4.67 -1.56	135.18 -4.53 -2.94	133.39 -4.41 0.00	102.96 -3.19 0.00	120.47 -3.23 0.00	104.02 -2.19 0.00
BARRETT_IC_1 23704	64.76 4.83 -0.06	72.46 4.97 -1.63	79.25 5.20 -0.03	66.32 4.26 0.00	76.72 4.93 -0.01	64.52 4.19 -0.02	59.24 3.87 -0.05	45.67 0.76 -36.06	102.81 1.06 -90.54	49.94 1.88 -28.23	531.49 7.57 -453.23	405.93 6.70 -336.79	495.89 8.14 -409.19	489.30 13.60 -342.88	484.42 14.25 -331.91	459.85 14.33 -288.43	414.29 14.06 -245.80	416.85 15.27 -212.07	413.02 14.43 -250.19	424.10 13.76 -273.56	501.28 13.74 -349.74	726.98 10.67 -610.15	409.71 11.91 -274.10	282.14 10.26 -165.67
BARRETT_IC_10 23701	64.76 4.83 -0.06	72.46 4.97 -1.63	79.25 5.20 -0.03	66.32 4.26 0.00	76.72 4.93 -0.01	64.52 4.19 -0.02	59.24 3.87 -0.05	45.67 0.76 -36.06	102.81 1.06 -90.54	49.94 1.88 -28.23	414.18 7.57 -335.92	229.29 6.70 -160.15	231.05 8.14 -144.35	255.12 13.60 -108.70	257.52 14.25 -105.01	253.60 14.33 -82.18	238.41 14.06 -69.92	262.88 15.27 -58.10	236.86 14.43 -74.02	239.45 13.76 -88.92	259.99 13.74 -108.45	319.66 10.67 -202.83	225.11 11.91 -89.49	183.98 10.26 -67.51
BARRETT_IC_11 23702	64.76 4.83 -0.06	72.46 4.97 -1.63	79.25 5.20 -0.03	66.32 4.26 0.00	76.72 4.93 -0.01	64.52 4.19 -0.02	59.24 3.87 -0.05	45.67 0.76 -36.06	102.81 1.06 -90.54	49.94 1.88 -28.23	414.18 7.57 -335.92	229.29 6.70 -160.15	231.05 8.14 -144.35	255.12 13.60 -108.70	257.52 14.25 -105.01	253.60 14.33 -82.18	238.41 14.06 -69.92	262.88 15.27 -58.10	236.86 14.43 -74.02	239.45 13.76 -88.92	259.99 13.74 -108.45	319.66 10.67 -202.83	225.11 11.91 -89.49	183.98 10.26 -67.51
BARRETT_IC_12 23703	64.76 4.83 -0.06	72.46 4.97 -1.63	79.25 5.20 -0.03	66.32 4.26 0.00	76.72 4.93 -0.01	64.52 4.19 -0.02	59.24 3.87 -0.05	45.67 0.76 -36.06	102.81 1.06 -90.54	49.94 1.88 -28.23	414.18 7.57 -335.92	229.29 6.70 -160.15	231.05 8.14 -144.35	255.12 13.60 -108.70	257.52 14.25 -105.01	253.60 14.33 -82.18	238.41 14.06 -69.92	262.88 15.27 -58.10	236.86 14.43 -74.02	239.45 13.76 -88.92	259.99 13.74 -108.45	319.66 10.67 -202.83	225.11 11.91 -89.49	183.98 10.26 -67.51
BARRETT_IC_2 23705	64.76 4.83 -0.06	72.46 4.97 -1.63	79.25 5.20 -0.03	66.32 4.26 0.00	76.72 4.93 -0.01	64.52 4.19 -0.02	59.24 3.87 -0.05	45.67 0.76 -36.06	102.81 1.06 -90.54	49.94 1.88 -28.23	531.49 7.57 -453.23	405.93 6.70 -336.79	495.89 8.14 -409.19	489.30 13.60 -342.88	484.42 14.25 -331.91	459.85 14.33 -288.43	414.29 14.06 -245.80	416.85 15.27 -212.07	413.02 14.43 -250.19	424.10 13.76 -273.56	501.28 13.74 -349.74	726.98 10.67 -610.15	409.71 11.91 -274.10	282.14 10.26 -165.67
BARRETT_IC_3 23706	64.76 4.83 -0.06	72.46 4.97 -1.63	79.25 5.20 -0.03	66.32 4.26 0.00	76.72 4.93 -0.01	64.52 4.19 -0.02	59.24 3.87 -0.05	45.67 0.76 -36.06	102.81 1.06 -90.54	49.94 1.88 -28.23	531.49 7.57 -453.23	405.93 6.70 -336.79	495.89 8.14 -409.19	489.30 13.60 -342.88	484.42 14.25 -331.91	459.85 14.33 -288.43	414.29 14.06 -245.80	416.85 15.27 -212.07	413.02 14.43 -250.19	424.10 13.76 -273.56	501.28 13.74 -349.74	726.98 10.67 -610.15	409.71 11.91 -274.10	282.14 10.26 -165.67
BARRETT_IC_4 23707	64.76 4.83 -0.06	72.46 4.97 -1.63	79.25 5.20 -0.03	66.32 4.26 0.00	76.72 4.93 -0.01	64.52 4.19 -0.02	59.24 3.87 -0.05	45.67 0.76 -36.06	102.81 1.06 -90.54	49.94 1.88 -28.23	531.49 7.57 -453.23	405.93 6.70 -336.79	495.89 8.14 -409.19	489.30 13.60 -342.88	484.42 14.25 -331.91	459.85 14.33 -288.43	414.29 14.06 -245.80	416.85 15.27 -212.07	413.02 14.43 -250.19	424.10 13.76 -273.56	501.28 13.74 -349.74	726.98 10.67 -610.15	409.71 11.91 -274.10	282.14 10.26 -165.67

BARRETT_IC_5 23708	64.76 4.83 -0.06	72.46 4.97 -1.63	79.25 5.20 -0.03	66.32 4.26 0.00	76.72 4.93 -0.01	64.52 4.19 -0.02	59.24 3.87 -0.05	45.67 0.76 -36.06	102.81 1.06 -90.54	49.94 1.88 -28.23	531.49 7.57 -453.23	405.93 6.70 -336.79	495.89 8.14 -409.19	489.30 13.60 -342.88	484.42 14.25 -331.91	459.85 14.33 -288.43	414.29 14.06 -245.80	416.85 15.27 -212.07	413.02 14.43 -250.19	424.10 13.76 -273.56	501.28 13.74 -349.74	726.98 10.67 -610.15	409.71 11.91 -274.10	282.14 10.26 -165.67
BARRETT_IC_6 23709	64.76 4.83 -0.06	72.46 4.97 -1.63	79.25 5.20 -0.03	66.32 4.26 0.00	76.72 4.93 -0.01	64.52 4.19 -0.02	59.24 3.87 -0.05	45.67 0.76 -36.06	102.81 1.06 -90.54	49.94 1.88 -28.23	531.49 7.57 -453.23	405.93 6.70 -336.79	495.89 8.14 -409.19	489.30 13.60 -342.88	484.42 14.25 -331.91	459.85 14.33 -288.43	414.29 14.06 -245.80	416.85 15.27 -212.07	413.02 14.43 -250.19	424.10 13.76 -273.56	501.28 13.74 -349.74	726.98 10.67 -610.15	409.71 11.91 -274.10	282.14 10.26 -165.67
BARRETT_IC_7 23710	64.78 4.85 -0.06	72.48 4.99 -1.63	79.24 5.19 -0.03	66.31 4.25 0.00	76.72 4.93 -0.01	64.52 4.19 -0.02	59.25 3.88 -0.05	45.67 0.75 -36.06	102.81 1.05 -90.54	49.95 1.89 -28.23	531.50 7.57 -453.23	405.94 6.71 -336.79	495.87 8.12 -409.19	489.18 13.48 -342.88	484.22 14.05 -331.91	459.65 14.13 -288.43	414.11 13.88 -245.80	416.84 15.25 -212.07	412.88 14.29 -250.19	423.96 13.62 -273.56	501.14 13.60 -349.74	726.96 10.65 -610.15	409.72 11.92 -274.10	282.23 10.35 -165.67
BARRETT_IC_8 23711	64.76 4.83 -0.06	72.46 4.97 -1.63	79.25 5.20 -0.03	66.32 4.26 0.00	76.72 4.93 -0.01	64.52 4.19 -0.02	59.24 3.87 -0.05	45.67 0.76 -36.06	102.81 1.06 -90.54	49.94 1.88 -28.23	531.49 7.57 -453.23	405.93 6.70 -336.79	495.89 8.14 -409.19	489.30 13.60 -342.88	484.42 14.25 -331.91	459.85 14.33 -288.43	414.29 14.06 -245.80	416.85 15.27 -212.07	413.02 14.43 -250.19	424.10 13.76 -273.56	501.28 13.74 -349.74	726.98 10.67 -610.15	409.71 11.91 -274.10	282.14 10.26 -165.67
BARRETT_IC_9 23700	64.76 4.83 -0.06	72.46 4.97 -1.63	79.25 5.20 -0.03	66.32 4.26 0.00	76.72 4.93 -0.01	64.52 4.19 -0.02	59.24 3.87 -0.05	45.67 0.76 -36.06	102.81 1.06 -90.54	49.94 1.88 -28.23	414.18 7.57 -335.92	229.29 6.70 -160.15	231.05 8.14 -144.35	255.12 13.60 -108.70	257.52 14.25 -105.01	253.60 14.33 -82.18	238.41 14.06 -69.92	262.88 15.27 -58.10	236.86 14.43 -74.02	239.45 13.76 -88.92	259.99 13.74 -108.45	319.66 10.67 -202.83	225.11 11.91 -89.49	183.98 10.26 -67.51
BARRETT___1 23545	64.76 4.83 -0.06	72.46 4.97 -1.63	79.25 5.20 -0.03	66.32 4.26 0.00	76.72 4.93 -0.01	64.52 4.19 -0.02	59.24 3.87 -0.05	45.67 0.76 -36.06	102.81 1.06 -90.54	49.94 1.88 -28.23	531.49 7.57 -453.23	405.93 6.70 -336.79	495.89 8.14 -409.19	489.30 13.60 -342.88	484.42 14.25 -331.91	459.85 14.33 -288.43	414.29 14.06 -245.80	416.85 15.27 -212.07	413.02 14.43 -250.19	424.10 13.76 -273.56	501.28 13.74 -349.74	726.98 10.67 -610.15	409.71 11.91 -274.10	282.14 10.26 -165.67
BARRETT___2 23546	64.76 4.83 -0.06	72.46 4.97 -1.63	79.25 5.20 -0.03	66.32 4.26 0.00	76.72 4.93 -0.01	64.52 4.19 -0.02	59.24 3.87 -0.05	45.67 0.76 -36.06	102.81 1.06 -90.54	49.94 1.88 -28.23	414.18 7.57 -335.92	229.29 6.70 -160.15	231.05 8.14 -144.35	255.12 13.60 -108.70	257.52 14.25 -105.01	253.60 14.33 -82.18	238.41 14.06 -69.92	262.88 15.27 -58.10	236.86 14.43 -74.02	239.45 13.76 -88.92	259.99 13.74 -108.45	319.66 10.67 -202.83	225.11 11.91 -89.49	183.98 10.26 -67.51
BATAVIA__115KV_TB1 55881	58.14 -1.73 0.00	64.28 -1.80 -0.22	71.94 -2.09 0.00	60.38 -1.68 0.00	70.22 -1.57 0.00	59.11 -1.19 0.00	54.52 -0.80 0.00	8.74 -0.11 0.00	11.12 -0.09 0.00	19.52 -0.30 0.00	68.62 -2.08 0.00	60.56 -1.88 0.00	78.37 -2.54 -2.35	128.09 -4.74 0.00	134.13 -4.13 0.00	154.61 -2.48 0.00	149.44 -4.99 0.00	182.04 -7.47 0.00	142.09 -7.31 -1.00	130.55 -8.13 -1.91	129.84 -7.96 -0.01	100.21 -5.95 0.00	117.80 -5.90 0.00	102.06 -4.15 0.00
BAYONEEC___CTG1 323682	64.06 4.19 0.00	71.66 4.25 -1.56	78.11 4.09 0.00	65.32 3.27 0.00	75.60 3.81 0.00	63.67 3.37 0.00	58.41 3.09 0.00	9.39 0.53 0.00	11.97 0.76 0.00	21.31 1.48 0.00	77.02 6.32 0.00	68.10 5.66 0.00	102.22 7.06 -16.60	144.67 11.82 -0.02	150.64 12.38 0.00	169.29 12.19 0.00	166.24 11.81 0.00	203.42 13.90 0.00	168.01 12.54 -7.08	162.12 11.97 -13.37	149.78 11.98 0.00	115.56 9.40 0.00	134.12 10.42 0.00	114.79 8.58 0.00
BAYONEEC___CTG10 323750	64.06 4.19 0.00	71.66 4.25 -1.56	78.11 4.09 0.00	65.32 3.27 0.00	75.60 3.81 0.00	63.67 3.37 0.00	58.41 3.09 0.00	9.39 0.53 0.00	11.97 0.76 0.00	21.31 1.48 0.00	77.02 6.32 0.00	68.10 5.66 0.00	102.22 7.06 -16.60	144.67 11.82 -0.02	150.64 12.38 0.00	169.29 12.19 0.00	166.24 11.81 0.00	203.42 13.90 0.00	168.01 12.54 -7.08	162.12 11.97 -13.37	149.78 11.98 0.00	115.56 9.40 0.00	134.12 10.42 0.00	114.79 8.58 0.00
BAYONEEC___CTG2 323683	64.06 4.19 0.00	71.66 4.25 -1.56	78.11 4.09 0.00	65.32 3.27 0.00	75.60 3.81 0.00	63.67 3.37 0.00	58.41 3.09 0.00	9.39 0.53 0.00	11.97 0.76 0.00	21.31 1.48 0.00	77.02 6.32 0.00	68.10 5.66 0.00	102.22 7.06 -16.60	144.67 11.82 -0.02	150.64 12.38 0.00	169.29 12.19 0.00	166.24 11.81 0.00	203.42 13.90 0.00	168.01 12.54 -7.08	162.12 11.97 -13.37	149.78 11.98 0.00	115.56 9.40 0.00	134.12 10.42 0.00	114.79 8.58 0.00
BAYONEEC___CTG3 323684	64.06 4.19 0.00	71.66 4.25 -1.56	78.11 4.09 0.00	65.32 3.27 0.00	75.60 3.81 0.00	63.67 3.37 0.00	58.41 3.09 0.00	9.39 0.53 0.00	11.97 0.76 0.00	21.31 1.48 0.00	77.02 6.32 0.00	68.10 5.66 0.00	102.22 7.06 -16.60	144.67 11.82 -0.02	150.64 12.38 0.00	169.29 12.19 0.00	166.24 11.81 0.00	203.42 13.90 0.00	168.01 12.54 -7.08	162.12 11.97 -13.37	149.78 11.98 0.00	115.56 9.40 0.00	134.12 10.42 0.00	114.79 8.58 0.00
BAYONEEC___CTG4 323685	64.06 4.19 0.00	71.66 4.25 -1.56	78.11 4.09 0.00	65.32 3.27 0.00	75.60 3.81 0.00	63.67 3.37 0.00	58.41 3.09 0.00	9.39 0.53 0.00	11.97 0.76 0.00	21.31 1.48 0.00	77.02 6.32 0.00	68.10 5.66 0.00	102.22 7.06 -16.60	144.67 11.82 -0.02	150.64 12.38 0.00	169.29 12.19 0.00	166.24 11.81 0.00	203.42 13.90 0.00	168.01 12.54 -7.08	162.12 11.97 -13.37	149.78 11.98 0.00	115.56 9.40 0.00	134.12 10.42 0.00	114.79 8.58 0.00
BAYONEEC___CTG5 323686	64.06 4.19 0.00	71.66 4.25 -1.56	78.11 4.09 0.00	65.32 3.27 0.00	75.60 3.81 0.00	63.67 3.37 0.00	58.41 3.09 0.00	9.39 0.53 0.00	11.97 0.76 0.00	21.31 1.48 0.00	77.02 6.32 0.00	68.10 5.66 0.00	102.22 7.06 -16.60	144.67 11.82 -0.02	150.64 12.38 0.00	169.29 12.19 0.00	166.24 11.81 0.00	203.42 13.90 0.00	168.01 12.54 -7.08	162.12 11.97 -13.37	149.78 11.98 0.00	115.56 9.40 0.00	134.12 10.42 0.00	114.79 8.58 0.00
BAYONEEC___CTG6 323687	64.06 4.19 0.00	71.66 4.25 -1.56	78.11 4.09 0.00	65.32 3.27 0.00	75.60 3.81 0.00	63.67 3.37 0.00	58.41 3.09 0.00	9.39 0.53 0.00	11.97 0.76 0.00	21.31 1.48 0.00	77.02 6.32 0.00	68.10 5.66 0.00	102.22 7.06 -16.60	144.67 11.82 -0.02	150.64 12.38 0.00	169.29 12.19 0.00	166.24 11.81 0.00	203.42 13.90 0.00	168.01 12.54 -7.08	162.12 11.97 -13.37	149.78 11.98 0.00	115.56 9.40 0.00	134.12 10.42 0.00	114.79 8.58 0.00

BAYONEEC___CTG7 323688	64.06 4.19 0.00	71.66 4.25 -1.56	78.11 4.09 0.00	65.32 3.27 0.00	75.60 3.81 0.00	63.67 3.37 0.00	58.41 3.09 0.00	9.39 0.53 0.00	11.97 0.76 0.00	21.31 1.48 0.00	77.02 6.32 0.00	68.10 5.66 0.00	102.22 7.06 -16.60	144.67 11.82 -0.02	150.64 12.38 0.00	169.29 12.19 0.00	166.24 11.81 0.00	203.42 13.90 0.00	168.01 12.54 -7.08	162.12 11.97 -13.37	149.78 11.98 0.00	115.56 9.40 0.00	134.12 10.42 0.00	114.79 8.58 0.00
BAYONEEC___CTG8 323689	64.06 4.19 0.00	71.66 4.25 -1.56	78.11 4.09 0.00	65.32 3.27 0.00	75.60 3.81 0.00	63.67 3.37 0.00	58.41 3.09 0.00	9.39 0.53 0.00	11.97 0.76 0.00	21.31 1.48 0.00	77.02 6.32 0.00	68.10 5.66 0.00	102.22 7.06 -16.60	144.67 11.82 -0.02	150.64 12.38 0.00	169.29 12.19 0.00	166.24 11.81 0.00	203.42 13.90 0.00	168.01 12.54 -7.08	162.12 11.97 -13.37	149.78 11.98 0.00	115.56 9.40 0.00	134.12 10.42 0.00	114.79 8.58 0.00
BAYONEEC___CTG9 323749	64.06 4.19 0.00	71.66 4.25 -1.56	78.11 4.09 0.00	65.32 3.27 0.00	75.60 3.81 0.00	63.67 3.37 0.00	58.41 3.09 0.00	9.39 0.53 0.00	11.97 0.76 0.00	21.31 1.48 0.00	77.02 6.32 0.00	68.10 5.66 0.00	102.22 7.06 -16.60	144.67 11.82 -0.02	150.64 12.38 0.00	169.29 12.19 0.00	166.24 11.81 0.00	203.42 13.90 0.00	168.01 12.54 -7.08	162.12 11.97 -13.37	149.78 11.98 0.00	115.56 9.40 0.00	134.12 10.42 0.00	114.79 8.58 0.00
BEACON___LESR 323632	63.35 3.48 0.00	71.52 3.79 -1.88	77.84 3.82 0.00	65.18 3.13 0.00	75.45 3.67 0.00	63.45 3.14 0.00	58.15 2.83 0.00	9.29 0.44 0.00	11.79 0.58 0.00	20.88 1.05 0.00	74.43 3.73 0.00	65.51 3.07 0.00	102.94 4.16 -20.22	140.46 7.61 -0.03	145.73 7.47 0.00	164.60 7.51 0.00	161.57 7.14 0.00	199.47 9.96 0.00	165.34 8.32 -8.62	160.67 7.60 -16.29	145.16 7.36 0.00	112.21 6.06 0.00	130.94 7.24 0.00	111.89 5.68 0.00
BEAVER RIVER___HYD 24048	60.16 0.29 0.00	66.68 0.77 -0.06	75.10 1.08 0.00	63.10 1.05 0.00	73.13 1.35 0.00	61.38 1.08 0.00	56.28 0.96 0.00	9.04 0.19 0.00	11.44 0.23 0.00	20.20 0.37 0.00	72.07 1.37 0.00	63.51 1.07 0.00	80.36 1.20 -0.60	135.30 2.47 0.00	140.61 2.35 0.00	160.60 3.51 0.00	158.44 4.01 0.00	195.18 5.67 0.00	152.67 4.01 -0.26	140.33 3.06 -0.49	140.94 3.14 0.00	108.72 2.56 0.00	126.27 2.56 0.00	108.81 2.60 0.00
BEEBEE_GT_13 23619	58.51 -1.37 0.00	64.60 -1.45 -0.19	72.28 -1.74 0.00	60.67 -1.38 0.00	70.38 -1.41 0.00	59.32 -0.99 0.00	54.62 -0.70 0.00	8.76 -0.10 0.00	11.13 -0.07 0.00	19.64 -0.19 0.00	69.35 -1.35 0.00	61.25 -1.19 0.00	78.86 -1.72 -2.02	129.52 -3.31 0.00	135.42 -2.83 0.00	155.11 -1.99 0.00	150.74 -3.69 0.00	183.88 -5.63 0.00	143.88 -5.39 -0.86	132.52 -5.89 -1.63	131.92 -5.88 0.00	101.75 -4.40 0.00	119.24 -4.46 0.00	102.90 -3.31 0.00
BENSHRST_27_KV_BENSHRST_1 355998	67.52 5.09 -2.56	72.67 5.25 -1.56	79.19 5.17 0.00	66.20 4.14 0.00	76.57 4.79 0.00	64.52 4.22 0.00	62.18 3.96 -2.90	9.52 0.67 0.00	12.14 0.93 0.00	29.97 1.80 -8.34	365.90 7.62 -287.58	119.90 6.78 -50.67	128.38 8.39 -41.43	146.76 13.91 -0.02	152.76 14.51 0.00	171.75 14.65 0.00	168.64 14.21 0.00	206.52 16.99 -0.02	204.06 15.14 -40.52	334.30 14.69 -182.83	177.27 14.39 -25.08	158.48 11.30 -41.03	198.51 12.58 -62.22	122.33 10.34 -5.78
BETHLEHEM___GRP 23843	62.42 2.55 0.00	70.50 2.76 -1.88	76.86 2.84 0.00	64.39 2.34 0.00	74.53 2.75 0.00	62.65 2.34 0.00	57.33 2.01 0.00	9.15 0.29 0.00	11.60 0.40 0.00	20.55 0.73 0.00	73.09 2.40 0.00	64.31 1.87 0.00	101.40 2.60 -20.24	137.59 4.74 -0.03	142.86 4.60 0.00	161.18 4.09 0.00	157.86 3.43 0.00	195.26 5.75 0.00	162.08 5.05 -8.63	157.73 4.66 -16.30	142.16 4.36 0.00	110.05 3.89 0.00	128.67 4.97 0.00	110.26 4.05 0.00
BETHLEHEM___GS1 323560	62.42 2.55 0.00	70.50 2.76 -1.88	76.85 2.83 0.00	64.39 2.34 0.00	74.53 2.75 0.00	62.64 2.34 0.00	57.33 2.01 0.00	9.15 0.29 0.00	11.61 0.40 0.00	20.55 0.73 0.00	73.09 2.39 0.00	64.32 1.88 0.00	101.40 2.60 -20.24	137.61 4.75 -0.03	142.86 4.60 0.00	161.18 4.09 0.00	157.86 3.43 0.00	195.26 5.75 0.00	162.08 5.05 -8.63	157.75 4.67 -16.30	142.17 4.36 0.00	110.04 3.89 0.00	128.68 4.97 0.00	110.26 4.05 0.00
BETHLEHEM___GS2 323561	62.42 2.55 0.00	70.50 2.76 -1.88	76.85 2.83 0.00	64.39 2.34 0.00	74.53 2.75 0.00	62.64 2.34 0.00	57.33 2.01 0.00	9.15 0.29 0.00	11.61 0.40 0.00	20.55 0.73 0.00	73.09 2.39 0.00	64.32 1.88 0.00	101.40 2.60 -20.24	137.61 4.75 -0.03	142.86 4.60 0.00	161.18 4.09 0.00	157.86 3.43 0.00	195.26 5.75 0.00	162.08 5.05 -8.63	157.75 4.67 -16.30	142.17 4.36 0.00	110.04 3.89 0.00	128.68 4.97 0.00	110.26 4.05 0.00
BETHLEHEM___GS3 323562	62.42 2.55 0.00	70.50 2.76 -1.88	76.85 2.83 0.00	64.39 2.34 0.00	74.53 2.75 0.00	62.64 2.34 0.00	57.33 2.01 0.00	9.15 0.29 0.00	11.61 0.40 0.00	20.55 0.73 0.00	73.09 2.39 0.00	64.32 1.88 0.00	101.40 2.60 -20.24	137.61 4.75 -0.03	142.86 4.60 0.00	161.18 4.09 0.00	157.86 3.43 0.00	195.26 5.75 0.00	162.08 5.05 -8.63	157.75 4.67 -16.30	142.17 4.36 0.00	110.04 3.89 0.00	128.68 4.97 0.00	110.26 4.05 0.00
BETHLEHEM___STEEL 23779	56.94 -2.93 0.00	63.15 -2.96 -0.26	70.72 -3.30 0.00	59.30 -2.75 0.00	68.97 -2.81 0.00	58.03 -2.27 0.00	53.50 -1.81 0.00	8.57 -0.28 0.00	10.90 -0.30 0.00	19.18 -0.65 0.00	67.38 -3.32 0.00	59.49 -2.94 0.00	77.44 -3.86 -2.74	125.56 -7.27 0.00	131.47 -6.79 0.00	151.54 -5.56 0.00	146.10 -8.33 0.00	177.33 -12.18 0.00	138.59 -10.98 -1.17	127.67 -11.31 -2.21	126.83 -10.98 0.00	98.06 -8.10 0.00	115.54 -8.16 0.00	100.20 -6.01 0.00
BETHLHEM_115KV_TB1 79974	62.41 2.54 0.00	70.49 2.76 -1.88	76.85 2.83 0.00	64.39 2.34 0.00	74.53 2.75 0.00	62.63 2.32 0.00	57.32 2.00 0.00	9.16 0.30 0.00	11.61 0.40 0.00	20.57 0.74 0.00	73.17 2.48 0.00	64.43 1.99 0.00	101.52 2.74 -20.22	137.77 4.91 -0.03	143.11 4.86 0.00	161.54 4.44 0.00	158.26 3.82 0.00	195.55 6.03 0.00	162.27 5.25 -8.62	157.94 4.87 -16.29	142.39 4.59 0.00	110.17 4.01 0.00	128.72 5.01 0.00	110.29 4.08 0.00
BETHPAGE_CC_5 323564	65.11 5.23 0.00	72.86 5.45 -1.56	79.62 5.60 0.00	66.64 4.59 0.00	77.07 5.29 0.00	64.79 4.48 0.00	59.53 4.21 0.00	21.43 0.81 -11.77	90.28 1.11 -77.96	32.60 1.99 -10.79	240.28 8.02 -161.56	172.73 7.25 -103.03	140.53 9.05 -52.92	176.09 15.40 -27.86	181.14 16.19 -26.70	184.39 16.31 -10.98	179.64 16.01 -9.19	211.92 17.46 -4.95	178.03 16.33 -13.30	177.51 15.43 -25.30	178.69 15.59 -25.30	180.70 12.07 -62.47	162.94 13.33 -25.90	131.18 11.32 -13.65
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	57.08 -2.79 0.00	63.30 -2.83 -0.27	70.91 -3.11 0.00	59.44 -2.61 0.00	69.14 -2.64 0.00	58.18 -2.12 0.00	53.64 -1.68 0.00	8.59 -0.26 0.00	10.94 -0.27 0.00	19.24 -0.59 0.00	67.62 -3.08 0.00	59.72 -2.73 0.00	77.72 -3.62 -2.78	126.00 -6.83 0.00	131.92 -6.34 0.00	151.98 -5.11 0.00	146.61 -7.82 0.00	177.95 -11.56 0.00	139.13 -10.46 -1.19	128.18 -10.83 -2.24	127.34 -10.46 0.00	98.45 -7.71 0.00	116.00 -7.71 0.00	100.55 -5.66 0.00

BINGHAMTON___COGEN 23790	60.24 0.36 0.00	66.87 0.50 -0.51	74.52 0.49 0.00	62.35 0.29 0.00	72.29 0.51 0.00	60.84 0.53 0.00	55.89 0.57 0.00	8.98 0.12 0.00	11.42 0.21 0.00	20.19 0.36 0.00	71.90 1.21 0.00	63.58 1.14 0.00	84.81 0.94 -5.32	134.11 1.28 -0.01	139.80 1.55 0.00	158.88 1.79 0.00	155.48 1.05 0.00	189.74 0.23 0.00	151.21 0.55 -2.27	141.65 0.59 -4.29	138.35 0.55 0.00	106.70 0.55 0.00	124.43 0.73 0.00	106.91 0.70 0.00
BIXINCNT_115KV_LOAD 355685	57.77 -2.10 0.00	64.13 -2.01 -0.28	72.42 -1.60 0.00	60.83 -1.23 0.00	70.74 -1.04 0.00	59.55 -0.75 0.00	54.82 -0.49 0.00	8.79 -0.06 0.00	11.20 -0.01 0.00	19.71 -0.12 0.00	69.57 -1.13 0.00	61.21 -1.23 0.00	79.53 -1.99 -2.96	128.99 -3.84 0.00	134.94 -3.32 0.00	154.84 -2.25 0.00	149.99 -4.44 0.00	182.10 -7.41 0.00	142.76 -6.90 -1.26	131.85 -7.30 -2.38	130.95 -6.85 0.00	101.42 -4.74 0.00	119.49 -4.21 0.00	103.50 -2.71 0.00
BLACK RIVER___HYD 24047	60.69 0.81 0.00	67.34 1.41 -0.08	75.68 1.66 0.00	63.65 1.59 0.00	73.77 1.98 0.00	62.14 1.84 0.00	57.16 1.85 0.00	9.20 0.35 0.00	11.67 0.46 0.00	20.56 0.73 0.00	73.28 2.58 0.00	64.57 2.13 0.00	81.88 2.49 -0.84	137.30 4.47 0.00	143.17 4.91 0.00	163.65 6.56 0.00	161.58 7.15 0.00	199.18 9.67 0.00	155.90 7.14 -0.36	143.29 5.84 -0.68	143.59 5.79 0.00	110.49 4.33 0.00	128.02 4.32 0.00	110.18 3.97 0.00
BLACKRVR_115KV_TB2 79977	60.69 0.82 0.00	67.34 1.40 -0.08	75.68 1.66 0.00	63.65 1.59 0.00	73.77 1.98 0.00	62.14 1.84 0.00	57.16 1.85 0.00	9.20 0.35 0.00	11.67 0.46 0.00	20.56 0.73 0.00	73.28 2.58 0.00	64.57 2.13 0.00	81.88 2.49 -0.84	137.30 4.47 0.00	143.17 4.92 0.00	163.67 6.57 0.00	161.58 7.15 0.00	199.18 9.67 0.00	155.88 7.13 -0.36	143.29 5.84 -0.68	143.59 5.79 0.00	110.49 4.34 0.00	128.03 4.32 0.00	110.18 3.97 0.00
BLISS_WT_PWR 323608	57.69 -2.18 0.00	64.06 -2.08 -0.28	72.48 -1.55 0.00	60.91 -1.15 0.00	70.87 -0.91 0.00	59.65 -0.65 0.00	54.89 -0.43 0.00	8.81 -0.04 0.00	11.21 0.00 0.00	19.74 -0.09 0.00	69.77 -0.93 0.00	61.33 -1.11 0.00	79.70 -1.82 -2.96	129.25 -3.59 0.00	135.20 -3.06 0.00	155.12 -1.97 0.00	150.28 -4.15 0.00	182.47 -7.05 0.00	143.13 -6.53 -1.26	132.12 -7.03 -2.38	131.18 -6.62 0.00	101.60 -4.55 0.00	119.73 -3.97 0.00	103.66 -2.55 0.00
BLUESTONE___WT_PWR 323821	61.52 1.65 0.00	67.15 0.75 -0.55	75.69 1.67 0.00	63.72 1.66 0.00	74.10 2.31 0.00	62.31 2.01 0.00	57.90 2.58 0.00	9.36 0.51 0.00	12.05 0.84 0.00	21.46 1.63 0.00	76.41 5.71 0.00	67.80 5.36 0.00	90.44 6.12 -5.76	141.68 8.85 -0.01	146.35 8.10 0.00	166.22 9.12 0.00	163.57 9.14 0.00	197.60 8.09 0.00	157.42 6.56 -2.46	147.15 5.73 -4.64	141.79 3.99 0.00	109.49 3.34 0.00	127.09 3.39 0.00	108.52 2.30 0.00
BLUE_CIRC_CHEM_DRP 24182	62.65 2.78 0.00	70.76 3.05 -1.85	77.22 3.20 0.00	64.66 2.60 0.00	74.89 3.10 0.00	62.91 2.60 0.00	57.60 2.28 0.00	9.20 0.35 0.00	11.65 0.44 0.00	20.61 0.79 0.00	73.49 2.79 0.00	64.67 2.23 0.00	101.48 2.99 -19.93	138.26 5.40 -0.03	143.92 5.67 0.00	162.84 5.75 0.00	159.66 5.23 0.00	196.73 7.22 0.00	162.99 6.09 -8.50	158.45 5.61 -16.06	143.25 5.44 0.00	110.64 4.48 0.00	129.04 5.34 0.00	110.68 4.47 0.00
BOC_GAS_DRP 24189	62.23 2.36 0.00	70.30 2.57 -1.87	76.69 2.67 0.00	64.23 2.17 0.00	74.34 2.55 0.00	62.47 2.16 0.00	57.18 1.86 0.00	9.15 0.29 0.00	11.61 0.40 0.00	20.55 0.72 0.00	73.33 2.64 0.00	64.64 2.20 0.00	101.60 2.91 -20.13	137.96 5.10 -0.03	143.52 5.26 0.00	162.21 5.12 0.00	159.06 4.63 0.00	195.75 6.24 0.00	162.41 5.43 -8.58	158.08 5.09 -16.21	142.78 4.98 0.00	110.25 4.09 0.00	128.41 4.71 0.00	110.12 3.91 0.00
BOONVILLE_115KV_TB1 79983	61.31 1.44 0.00	67.73 1.82 -0.05	76.14 2.12 0.00	63.87 1.81 0.00	74.01 2.23 0.00	62.27 1.97 0.00	57.22 1.90 0.00	9.19 0.33 0.00	11.65 0.44 0.00	20.61 0.78 0.00	73.43 2.73 0.00	64.76 2.32 0.00	81.84 2.77 -0.52	137.64 4.81 0.00	143.31 5.05 0.00	163.10 6.01 0.00	160.52 6.09 0.00	197.25 7.74 0.00	154.53 5.91 -0.22	142.24 5.05 -0.42	142.82 5.02 0.00	110.05 3.89 0.00	127.89 4.19 0.00	109.81 3.60 0.00
BORALEX_4TH_BRANCH 23824	64.19 4.32 0.00	72.38 4.65 -1.88	78.91 4.89 0.00	66.18 4.12 0.00	76.68 4.90 0.00	64.50 4.19 0.00	59.13 3.81 0.00	9.45 0.60 0.00	11.99 0.78 0.00	21.09 1.27 0.00	74.89 4.19 0.00	65.90 3.47 0.00	103.63 4.90 -20.17	141.65 8.79 -0.03	147.69 9.44 0.00	167.05 9.95 0.00	163.66 9.23 0.00	202.15 12.63 0.00	167.47 10.47 -8.60	162.41 9.39 -16.25	147.21 9.41 0.00	113.55 7.40 0.00	131.86 8.16 0.00	112.91 6.70 0.00
BOWLINE___1 23526	63.16 3.29 0.00	70.76 3.46 -1.44	77.81 3.79 0.00	65.07 3.02 0.00	75.28 3.50 0.00	63.36 3.05 0.00	58.14 2.82 0.00	9.34 0.48 0.00	11.90 0.69 0.00	21.13 1.30 0.00	76.19 5.49 0.00	67.34 4.90 0.00	100.65 6.07 -16.02	143.03 10.18 -0.02	148.82 10.57 0.00	167.51 10.41 0.00	164.43 10.00 0.00	201.71 12.19 0.00	165.99 10.76 -6.83	159.93 10.25 -12.91	147.98 10.18 0.00	114.14 7.98 0.00	132.50 8.79 0.00	113.50 7.29 0.00
BOWLINE___2 23595	63.16 3.29 0.00	70.76 3.46 -1.44	77.81 3.79 0.00	65.07 3.02 0.00	75.28 3.50 0.00	63.36 3.05 0.00	58.14 2.82 0.00	9.34 0.48 0.00	11.90 0.69 0.00	21.13 1.30 0.00	76.19 5.49 0.00	67.34 4.90 0.00	100.66 6.08 -16.02	143.03 10.18 -0.02	148.82 10.57 0.00	167.51 10.41 0.00	164.43 10.00 0.00	201.71 12.19 0.00	165.99 10.76 -6.83	159.93 10.25 -12.91	147.98 10.18 0.00	114.14 7.98 0.00	132.50 8.79 0.00	113.50 7.29 0.00
BRADY___115KV_TB2 356060	59.31 -0.56 0.00	65.33 -0.52 0.00	73.82 -0.20 0.00	61.86 -0.19 0.00	71.52 -0.26 0.00	59.55 -0.75 0.00	54.46 -0.86 0.00	8.69 -0.17 0.00	10.85 -0.36 0.00	19.02 -0.81 0.00	67.82 -2.87 0.00	59.69 -2.75 0.00	75.48 -3.07 0.00	129.37 -3.46 0.00	133.24 -5.02 0.00	154.50 -2.59 0.00	153.17 -1.26 0.00	188.22 -1.29 0.00	146.44 -1.96 0.00	134.82 -1.96 0.00	136.08 -1.72 0.00	105.04 -1.12 0.00	122.94 -0.76 0.00	106.24 0.03 0.00
BRANSCOMB___SOLAR 323811	63.88 4.01 0.00	72.10 4.32 -1.93	78.62 4.60 0.00	65.77 3.71 0.00	76.12 4.34 0.00	63.91 3.60 0.00	58.50 3.18 0.00	9.36 0.50 0.00	11.87 0.66 0.00	20.94 1.11 0.00	74.66 3.96 0.00	65.91 3.47 0.00	104.03 4.68 -20.80	140.85 7.99 -0.03	146.92 8.66 0.00	166.81 9.72 0.00	163.97 9.54 0.00	202.07 12.56 0.00	167.33 10.06 -8.87	162.61 9.08 -16.75	147.52 9.71 0.00	113.79 7.64 0.00	132.19 8.48 0.00	113.18 6.97 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	65.76 5.89 0.00	73.59 6.18 -1.56	80.49 6.47 0.00	67.36 5.30 0.00	77.89 6.11 0.00	65.48 5.17 0.00	60.19 4.87 0.00	20.70 0.92 -10.92	98.47 1.27 -85.99	32.54 2.27 -10.45	236.15 8.94 -156.51	166.82 7.86 -96.52	117.93 9.74 -29.63	156.62 16.52 -7.27	162.45 17.45 -6.75	167.64 17.70 7.15	165.51 17.34 6.27	199.60 18.67 8.59	163.59 17.38 2.19	162.31 16.45 -9.08	158.50 16.61 -4.09	145.65 12.81 -26.67	147.64 14.26 -9.68	121.80 12.08 -3.52

BRISTLHL_115KV_TB1 79998	58.85 -1.02 0.00	64.75 -1.22 -0.12	72.38 -1.64 0.00	60.83 -1.23 0.00	70.23 -1.55 0.00	59.31 -1.00 0.00	54.47 -0.85 0.00	8.74 -0.11 0.00	11.10 -0.11 0.00	19.62 -0.21 0.00	69.80 -0.90 0.00	61.74 -0.70 0.00	78.70 -1.17 -1.31	130.45 -2.38 0.00	136.24 -2.01 0.00	154.92 -2.17 0.00	151.97 -2.46 0.00	186.35 -3.16 0.00	146.46 -2.50 -0.56	135.33 -2.50 -1.06	135.18 -2.62 0.00	104.12 -2.03 0.00	121.25 -2.45 0.00	104.13 -2.08 0.00
BROOKHAVEN___DRP 24191	65.67 5.80 0.00	73.52 6.11 -1.56	80.36 6.34 0.00	67.33 5.28 0.00	77.88 6.10 0.00	65.54 5.23 0.00	60.27 4.95 0.00	20.61 0.94 -10.82	99.37 1.28 -86.88	32.52 2.29 -10.40	235.53 8.95 -155.88	166.11 7.93 -95.74	115.54 10.02 -26.96	154.34 16.60 -4.91	160.28 17.56 -4.46	165.67 17.80 9.23	163.51 17.12 8.04	197.21 17.83 10.14	161.57 17.13 3.96	160.34 16.35 -7.22	156.02 16.56 -1.66	141.26 12.53 -22.57	145.49 13.97 -7.82	120.23 11.66 -2.36
BROOKLYN_NAVY_YARD 23515	63.96 4.09 0.00	71.53 4.12 -1.56	78.10 4.08 0.00	65.31 3.25 0.00	75.57 3.79 0.00	63.67 3.36 0.00	58.41 3.09 0.00	9.38 0.53 0.00	11.97 0.76 0.00	21.29 1.47 0.00	77.00 6.30 0.00	68.10 5.66 0.00	102.22 7.06 -16.60	144.73 11.87 -0.02	150.66 12.41 0.00	169.25 12.16 0.00	166.23 11.80 0.00	203.45 13.93 0.00	168.03 12.55 -7.08	162.13 11.98 -13.37	149.87 12.07 0.00	115.60 9.45 0.00	134.26 10.56 0.00	114.88 8.67 0.00
BROOKLYN___ARMY_DRP 323595	67.19 4.75 -2.56	72.30 4.89 -1.56	78.81 4.79 0.00	65.89 3.84 0.00	76.22 4.43 0.00	64.23 3.92 0.00	61.90 3.68 -2.90	9.48 0.62 0.00	12.08 0.87 0.00	29.86 1.69 -8.34	365.49 7.21 -287.58	119.52 6.41 -50.67	127.90 7.92 -41.43	145.92 13.07 -0.02	151.86 13.60 0.00	170.70 13.61 0.00	167.65 13.21 0.00	205.24 15.71 -0.02	203.10 14.18 -40.52	333.34 13.73 -182.83	176.35 13.46 -25.08	157.79 10.61 -41.03	197.71 11.78 -62.22	121.69 9.71 -5.78
BROOKVLE_69_KV_TB1 55790	65.05 5.17 -0.01	72.80 5.38 -1.57	79.54 5.51 0.00	66.51 4.45 0.00	76.96 5.18 0.00	64.75 4.44 0.00	59.47 4.14 -0.01	20.46 0.76 -10.85	64.50 1.05 -52.24	31.04 1.91 -9.31	217.28 7.77 -138.81	163.73 6.89 -94.40	167.18 8.63 -79.99	199.20 14.57 -51.80	203.39 15.24 -49.89	204.61 15.45 -32.06	196.19 14.59 -27.17	226.92 16.72 -20.69	194.83 15.13 -31.30	195.23 14.28 -44.17	202.36 14.61 -49.95	221.80 11.56 -104.09	181.19 12.73 -44.76	142.36 10.78 -25.37
BROOME_2_LFGE 323671	60.23 0.36 0.00	66.86 0.49 -0.51	74.52 0.50 0.00	62.35 0.29 0.00	72.29 0.51 0.00	60.84 0.54 0.00	55.89 0.57 0.00	8.98 0.12 0.00	11.42 0.21 0.00	20.19 0.36 0.00	71.89 1.19 0.00	63.58 1.14 0.00	84.81 0.94 -5.32	134.11 1.28 -0.01	139.78 1.53 0.00	158.89 1.79 0.00	155.47 1.04 0.00	189.75 0.23 0.00	151.23 0.56 -2.27	141.66 0.60 -4.29	138.33 0.53 0.00	106.70 0.54 0.00	124.44 0.73 0.00	106.91 0.70 0.00
BROOME___LFGE 323600	60.23 0.36 0.00	66.86 0.49 -0.51	74.52 0.50 0.00	62.35 0.29 0.00	72.29 0.51 0.00	60.84 0.54 0.00	55.89 0.57 0.00	8.98 0.12 0.00	11.42 0.21 0.00	20.19 0.36 0.00	71.89 1.19 0.00	63.58 1.14 0.00	84.81 0.94 -5.32	134.11 1.28 -0.01	139.78 1.53 0.00	158.89 1.79 0.00	155.47 1.04 0.00	189.75 0.23 0.00	151.23 0.56 -2.27	141.66 0.60 -4.29	138.33 0.53 0.00	106.70 0.54 0.00	124.44 0.73 0.00	106.91 0.70 0.00
BROWNFLS_115KV_TB_3_5 80003	59.32 -0.55 0.00	65.61 -0.28 -0.04	73.99 -0.03 0.00	62.10 0.05 0.00	71.82 0.03 0.00	59.89 -0.41 0.00	54.58 -0.74 0.00	8.75 -0.11 0.00	11.01 -0.20 0.00	19.38 -0.44 0.00	69.44 -1.26 0.00	61.19 -1.25 0.00	77.48 -1.50 -0.42	131.28 -1.55 0.00	135.87 -2.39 0.00	155.69 -1.40 0.00	153.85 -0.59 0.00	189.33 -0.19 0.00	147.83 -0.75 -0.18	135.98 -1.14 -0.34	136.84 -0.97 0.00	105.99 -0.17 0.00	123.78 0.08 0.00	107.00 0.79 0.00
BROWNSV1_27_KV_LOAD 356125	64.74 4.87 0.00	72.39 4.97 -1.56	78.94 4.92 0.00	66.00 3.95 0.00	76.38 4.60 0.00	64.34 4.03 0.00	59.02 3.70 0.00	9.49 0.63 0.00	12.11 0.90 0.00	21.54 1.72 0.00	77.88 7.18 0.00	68.85 6.41 0.00	103.20 8.05 -16.60	146.39 13.53 -0.02	152.46 14.20 0.00	171.46 14.37 0.00	168.37 13.93 0.00	206.01 16.50 0.00	170.07 14.59 -7.08	163.99 13.84 -13.37	151.70 13.90 0.00	116.98 10.83 0.00	135.83 12.12 0.00	116.17 9.96 0.00
BURROWS___LYONSDAL 23803	61.01 1.14 0.00	67.47 1.56 -0.05	75.90 1.88 0.00	63.70 1.65 0.00	73.85 2.06 0.00	62.12 1.82 0.00	57.06 1.74 0.00	9.17 0.31 0.00	11.62 0.41 0.00	20.54 0.71 0.00	73.20 2.50 0.00	64.55 2.11 0.00	81.57 2.48 -0.53	137.18 4.35 0.00	142.78 4.52 0.00	162.58 5.49 0.00	160.09 5.66 0.00	196.88 7.36 0.00	154.16 5.53 -0.23	141.84 4.64 -0.43	142.40 4.60 0.00	109.75 3.59 0.00	127.50 3.79 0.00	109.58 3.37 0.00
CAITHNESS_CC_1 323624	65.48 5.62 0.00	73.28 5.87 -1.56	80.13 6.11 0.00	67.13 5.08 0.00	77.64 5.86 0.00	65.30 5.00 0.00	60.04 4.72 0.00	20.57 0.90 -10.82	99.35 1.24 -86.91	32.43 2.20 -10.40	235.25 8.69 -155.87	165.85 7.70 -95.72	115.15 9.70 -26.89	153.91 16.23 -4.85	159.90 17.24 -4.40	165.14 17.33 9.29	163.16 16.82 8.09	196.63 17.30 10.18	161.13 16.74 4.01	159.96 16.01 -7.17	155.59 16.19 -1.60	140.81 12.19 -22.46	145.03 13.55 -7.77	119.86 11.33 -2.33
CALPINE BETH_PAGE_GT4 24209	64.92 5.05 0.00	72.67 5.25 -1.56	79.40 5.38 0.00	66.46 4.40 0.00	76.87 5.09 0.00	64.60 4.29 0.00	59.36 4.04 0.00	21.80 0.77 -12.17	86.20 1.07 -73.91	32.69 1.93 -10.94	242.22 7.81 -163.71	175.62 7.23 -105.96	151.65 9.03 -64.06	185.81 15.27 -37.71	190.50 16.00 -36.24	192.84 16.09 -19.66	186.78 15.76 -16.60	218.39 17.44 -11.43	185.20 16.10 -20.71	185.06 15.21 -33.07	188.64 15.39 -35.44	197.79 12.03 -79.60	170.69 13.33 -33.66	136.09 11.37 -18.51
CALPINE_BETH_PAGE_GT_4 323586	64.92 5.05 0.00	72.66 5.24 -1.56	79.40 5.38 0.00	66.46 4.41 0.00	76.88 5.09 0.00	64.60 4.29 0.00	59.36 4.04 0.00	21.80 0.77 -12.17	86.20 1.07 -73.91	32.68 1.92 -10.94	242.22 7.82 -163.71	175.62 7.23 -105.96	151.65 9.03 -64.06	185.93 15.39 -37.71	190.69 16.19 -36.24	193.03 16.28 -19.66	186.99 15.96 -16.60	218.40 17.46 -11.43	185.36 16.25 -20.71	185.20 15.35 -33.07	188.78 15.53 -35.44	197.81 12.04 -79.60	170.68 13.31 -33.66	136.04 11.32 -18.51
CALPINE_BP_GT1 23823	64.92 5.05 0.00	72.66 5.24 -1.56	79.40 5.38 0.00	66.46 4.41 0.00	76.88 5.09 0.00	64.60 4.29 0.00	59.36 4.04 0.00	21.80 0.77 -12.17	86.20 1.07 -73.91	32.68 1.92 -10.94	242.22 7.82 -163.71	175.62 7.23 -105.96	151.65 9.03 -64.06	185.93 15.39 -37.71	190.69 16.19 -36.24	193.03 16.28 -19.66	186.99 15.96 -16.60	218.40 17.46 -11.43	185.36 16.25 -20.71	185.20 15.35 -33.07	188.78 15.53 -35.44	197.81 12.04 -79.60	170.68 13.31 -33.66	136.04 11.32 -18.51
CALSPAN___DRP 24200	56.94 -2.93 0.00	63.15 -2.96 -0.26	70.72 -3.30 0.00	59.30 -2.75 0.00	68.97 -2.81 0.00	58.03 -2.27 0.00	53.50 -1.81 0.00	8.57 -0.28 0.00	10.90 -0.30 0.00	19.18 -0.65 0.00	67.38 -3.32 0.00	59.49 -2.94 0.00	77.44 -3.86 -2.74	125.56 -7.27 0.00	131.47 -6.79 0.00	151.54 -5.56 0.00	146.10 -8.33 0.00	177.33 -12.18 0.00	138.59 -10.98 -1.17	127.67 -11.31 -2.21	126.83 -10.98 0.00	98.06 -8.10 0.00	115.54 -8.16 0.00	100.20 -6.01 0.00

CALVERTON___SOLAR 323806	65.85 5.98 0.00	73.70 6.29 -1.56	80.57 6.55 0.00	67.57 5.51 0.00	78.16 6.38 0.00	65.77 5.47 0.00	60.50 5.18 0.00	20.65 0.98 -10.82	99.41 1.33 -86.87	32.61 2.37 -10.40	235.84 9.26 -155.89	166.37 8.19 -95.74	115.97 10.42 -26.99	155.07 17.32 -4.93	161.14 18.41 -4.48	166.56 18.67 9.21	164.31 17.91 8.03	197.85 18.46 10.12	162.33 17.87 3.95	161.07 17.06 -7.24	156.78 17.29 -1.68	141.65 12.88 -22.61	145.85 14.31 -7.84	120.46 11.88 -2.37
CANDIGU_WT_PWR 323617	57.68 -2.19 0.00	64.37 -1.83 -0.35	72.41 -1.61 0.00	60.45 -1.60 0.00	70.38 -1.41 0.00	59.26 -1.04 0.00	54.72 -0.60 0.00	8.81 -0.04 0.00	11.22 0.02 0.00	19.75 -0.08 0.00	69.77 -0.92 0.00	61.70 -0.74 0.00	80.74 -1.47 -3.65	130.19 -2.64 0.00	135.58 -2.67 0.00	155.34 -1.75 0.00	151.15 -3.28 0.00	183.57 -5.94 0.00	145.29 -4.67 -1.56	135.18 -4.53 -2.94	133.39 -4.41 0.00	102.96 -3.19 0.00	120.47 -3.23 0.00	104.02 -2.19 0.00
CARR STREET_E__SYR 24060	59.34 -0.54 0.00	65.39 -0.61 -0.15	73.19 -0.83 0.00	61.44 -0.62 0.00	71.03 -0.75 0.00	59.95 -0.36 0.00	55.07 -0.25 0.00	8.84 -0.01 0.00	11.23 0.02 0.00	19.85 0.03 0.00	70.59 -0.10 0.00	62.36 -0.08 0.00	79.39 -0.67 -1.50	131.36 -1.47 0.00	137.01 -1.24 0.00	155.86 -1.23 0.00	152.76 -1.67 0.00	187.15 -2.37 0.00	147.15 -1.89 -0.64	136.07 -1.92 -1.21	135.76 -2.04 0.00	104.61 -1.54 0.00	121.89 -1.81 0.00	104.68 -1.53 0.00
CARTHAGE___PAPER 23857	60.78 0.91 0.00	67.42 1.49 -0.07	75.87 1.85 0.00	63.76 1.71 0.00	73.91 2.12 0.00	62.12 1.82 0.00	57.06 1.74 0.00	9.17 0.32 0.00	11.61 0.40 0.00	20.49 0.66 0.00	73.04 2.34 0.00	64.33 1.89 0.00	81.52 2.21 -0.75	137.06 4.23 0.00	142.66 4.41 0.00	163.11 6.02 0.00	161.08 6.65 0.00	198.52 9.01 0.00	155.25 6.53 -0.32	142.71 5.33 -0.60	143.18 5.38 0.00	110.28 4.12 0.00	127.92 4.22 0.00	110.15 3.94 0.00
CASSADAGA_WT_PWR 323784	57.92 -1.95 0.00	64.50 -1.62 -0.27	72.47 -1.55 0.00	60.52 -1.53 0.00	70.19 -1.59 0.00	59.02 -1.29 0.00	54.39 -0.93 0.00	8.72 -0.13 0.00	11.18 -0.03 0.00	19.74 -0.09 0.00	69.55 -1.14 0.00	61.27 -1.17 0.00	79.71 -1.72 -2.87	129.10 -3.74 0.00	135.07 -3.19 0.00	155.79 -1.30 0.00	150.67 -3.77 0.00	183.10 -6.41 0.00	143.47 -6.15 -1.23	132.31 -6.78 -2.31	131.28 -6.52 0.00	101.53 -4.63 0.00	119.13 -4.58 0.00	101.70 -4.51 0.00
CE_DUNWOOD___DRP 24194	64.06 4.19 0.00	71.75 4.34 -1.56	78.31 4.29 0.00	65.48 3.42 0.00	75.79 4.01 0.00	63.79 3.48 0.00	58.52 3.20 0.00	9.40 0.55 0.00	11.98 0.78 0.00	21.29 1.47 0.00	76.77 6.07 0.00	67.84 5.40 0.00	101.87 6.75 -16.57	144.24 11.39 -0.02	150.11 11.85 0.00	168.95 11.86 0.00	165.78 11.35 0.00	203.15 13.64 0.00	167.56 12.10 -7.06	161.60 11.47 -13.34	149.24 11.44 0.00	115.16 9.00 0.00	133.65 9.95 0.00	114.45 8.24 0.00
CE_MILLWOOD___DRP 24193	63.94 4.07 0.00	71.61 4.21 -1.55	78.19 4.16 0.00	65.38 3.33 0.00	75.68 3.90 0.00	63.70 3.39 0.00	58.44 3.12 0.00	9.39 0.53 0.00	11.96 0.75 0.00	21.24 1.42 0.00	76.58 5.88 0.00	67.67 5.22 0.00	101.59 6.53 -16.50	143.85 11.00 -0.02	149.72 11.46 0.00	168.54 11.45 0.00	165.43 11.00 0.00	202.77 13.26 0.00	167.14 12.10 -7.03	161.18 11.70 -13.29	148.91 11.11 0.00	114.84 8.68 0.00	133.34 9.64 0.00	114.15 7.94 0.00
CE_NYC2_DRP 24202	64.28 4.41 0.00	71.93 4.51 -1.56	78.42 4.40 0.00	65.55 3.49 0.00	75.86 4.07 0.00	63.89 3.59 0.00	58.64 3.32 0.00	9.42 0.57 0.00	12.02 0.81 0.00	21.40 1.57 0.00	77.45 6.75 0.00	68.46 6.02 0.00	102.63 7.48 -16.60	145.32 12.47 -0.02	151.16 12.91 0.00	169.98 12.89 0.00	166.93 12.50 0.00	204.15 14.63 0.00	168.75 13.27 -7.08	162.92 12.77 -13.37	150.43 12.63 0.00	116.12 9.96 0.00	134.75 11.05 0.00	115.31 9.10 0.00
CE_NYC_DRP 24195	64.18 4.31 0.00	71.79 4.38 -1.56	78.27 4.24 0.00	65.45 3.39 0.00	75.74 3.96 0.00	63.79 3.49 0.00	58.50 3.18 0.00	9.41 0.55 0.00	11.99 0.78 0.00	21.35 1.52 0.00	77.16 6.47 0.00	68.23 5.79 0.00	102.39 7.23 -16.60	145.01 12.16 -0.02	150.94 12.68 0.00	169.70 12.60 0.00	166.65 12.22 0.00	203.93 14.41 0.00	168.42 12.94 -7.08	162.46 12.31 -13.37	150.10 12.30 0.00	115.80 9.64 0.00	134.43 10.72 0.00	115.02 8.81 0.00
CHAFFEE___LFGE 323603	57.36 -2.51 0.00	63.64 -2.48 -0.27	71.26 -2.76 0.00	59.72 -2.33 0.00	69.46 -2.32 0.00	58.49 -1.82 0.00	53.93 -1.39 0.00	8.64 -0.22 0.00	10.97 -0.23 0.00	19.32 -0.51 0.00	67.99 -2.71 0.00	60.02 -2.42 0.00	78.17 -3.23 -2.85	126.50 -6.33 0.00	132.43 -5.82 0.00	152.53 -4.56 0.00	147.17 -7.26 0.00	178.79 -10.72 0.00	139.93 -9.68 -1.21	128.89 -10.18 -2.29	127.92 -9.89 0.00	98.92 -7.23 0.00	116.54 -7.16 0.00	101.00 -5.21 0.00
CHATEAUG_35_KV_LOAD 355732	58.28 -1.60 0.00	64.26 -1.60 0.00	72.72 -1.31 0.00	60.96 -1.10 0.00	70.44 -1.34 0.00	58.64 -1.67 0.00	53.91 -1.41 0.00	8.62 -0.24 0.00	10.76 -0.45 0.00	19.05 -0.78 0.00	68.21 -2.49 0.00	60.24 -2.20 0.00	76.06 -2.49 0.00	129.37 -3.45 0.00	134.54 -3.71 0.00	154.33 -2.76 0.00	152.86 -1.58 0.00	187.78 -1.73 0.00	146.29 -2.11 0.00	134.72 -2.06 0.00	135.96 -1.84 0.00	104.43 -1.72 0.00	121.80 -1.90 0.00	105.50 -0.72 0.00
CHATEAUG_WT_PWR 323614	58.23 -1.64 0.00	64.20 -1.65 0.00	72.66 -1.36 0.00	60.88 -1.17 0.00	70.37 -1.41 0.00	58.60 -1.71 0.00	53.84 -1.48 0.00	8.60 -0.26 0.00	10.74 -0.47 0.00	19.01 -0.81 0.00	68.16 -2.54 0.00	60.25 -2.19 0.00	76.08 -2.47 0.00	129.35 -3.48 0.00	134.39 -3.86 0.00	154.08 -3.01 0.00	152.49 -1.95 0.00	187.29 -2.22 0.00	145.87 -2.52 0.00	134.34 -2.43 0.00	135.59 -2.21 0.00	104.14 -2.02 0.00	121.52 -2.19 0.00	105.25 -0.96 0.00
CHAT_HIGH_FALL_HYD 323578	58.28 -1.60 0.00	64.26 -1.60 0.00	72.72 -1.31 0.00	60.96 -1.10 0.00	70.44 -1.34 0.00	58.64 -1.67 0.00	53.91 -1.41 0.00	8.62 -0.24 0.00	10.76 -0.45 0.00	19.05 -0.78 0.00	68.21 -2.49 0.00	60.24 -2.20 0.00	76.06 -2.49 0.00	129.37 -3.45 0.00	134.54 -3.71 0.00	154.33 -2.76 0.00	152.86 -1.58 0.00	187.78 -1.73 0.00	146.29 -2.11 0.00	134.72 -2.06 0.00	135.96 -1.84 0.00	104.43 -1.72 0.00	121.80 -1.90 0.00	105.50 -0.72 0.00
CHAUTAUQUA___LFGE 323629	57.52 -2.36 0.00	63.92 -2.20 -0.27	71.74 -2.28 0.00	60.03 -2.03 0.00	69.72 -2.07 0.00	58.64 -1.67 0.00	54.07 -1.25 0.00	8.67 -0.19 0.00	11.07 -0.14 0.00	19.50 -0.33 0.00	68.62 -2.08 0.00	60.50 -1.94 0.00	78.73 -2.62 -2.79	127.61 -5.22 0.00	133.49 -4.76 0.00	154.05 -3.05 0.00	148.73 -5.71 0.00	180.72 -8.80 0.00	141.41 -8.18 -1.19	130.27 -8.76 -2.25	129.33 -8.47 0.00	99.97 -6.18 0.00	117.52 -6.18 0.00	101.02 -5.19 0.00
CHERRYST_13_KV_LD 356241	64.33 4.46 0.00	71.96 4.55 -1.56	78.46 4.44 0.00	65.61 3.55 0.00	75.94 4.16 0.00	63.97 3.67 0.00	58.67 3.35 0.00	9.43 0.58 0.00	12.03 0.82 0.00	21.41 1.58 0.00	77.38 6.68 0.00	68.41 5.97 0.00	102.64 7.48 -16.60	145.44 12.59 -0.02	151.38 13.12 0.00	170.23 13.14 0.00	167.13 12.70 0.00	204.49 14.98 0.00	168.86 13.38 -7.08	162.88 12.73 -13.37	150.53 12.73 0.00	116.12 9.96 0.00	134.80 11.09 0.00	115.33 9.12 0.00

CHESTROR_138KV_BK263 355645	63.09 3.22 0.00	70.64 3.38 -1.40	77.56 3.54 0.00	64.88 2.83 0.00	75.09 3.31 0.00	63.19 2.88 0.00	57.97 2.65 0.00	9.32 0.46 0.00	11.86 0.65 0.00	21.05 1.22 0.00	75.71 5.01 0.00	66.89 4.45 0.00	99.47 5.53 -15.38	142.12 9.27 -0.02	147.92 9.67 0.00	166.69 9.59 0.00	163.55 9.12 0.00	200.60 11.08 0.00	164.71 9.75 -6.56	158.42 9.25 -12.39	147.03 9.22 0.00	113.41 7.25 0.00	131.65 7.95 0.00	112.78 6.58 0.00
CH_MIDHUDSON___DRP 24192	64.16 4.29 0.00	71.93 4.50 -1.57	78.59 4.57 0.00	65.71 3.65 0.00	76.10 4.31 0.00	64.03 3.72 0.00	58.72 3.40 0.00	9.43 0.58 0.00	12.02 0.81 0.00	21.32 1.50 0.00	76.53 5.83 0.00	67.54 5.10 0.00	101.90 6.48 -16.87	143.95 11.10 -0.02	149.89 11.64 0.00	169.03 11.94 0.00	165.82 11.39 0.00	203.49 13.97 0.00	167.71 12.12 -7.19	161.72 11.36 -13.59	149.10 11.30 0.00	114.99 8.84 0.00	133.44 9.74 0.00	114.32 8.11 0.00
CH_MISC_IPPS 23765	64.38 4.51 0.00	72.13 4.74 -1.54	78.90 4.88 0.00	65.99 3.93 0.00	76.41 4.63 0.00	64.30 3.99 0.00	58.99 3.67 0.00	9.48 0.63 0.00	12.08 0.87 0.00	21.44 1.62 0.00	77.00 6.31 0.00	67.96 5.52 0.00	102.12 6.99 -16.58	144.78 11.93 -0.02	150.79 12.54 0.00	170.03 12.94 0.00	166.87 12.44 0.00	204.72 15.20 0.00	168.52 13.05 -7.07	162.34 12.21 -13.35	149.99 12.19 0.00	115.64 9.48 0.00	134.17 10.47 0.00	114.90 8.69 0.00
CH_RES_BVR_FALLS 23983	59.19 -0.68 0.00	65.26 -0.60 0.00	73.48 -0.54 0.00	61.61 -0.44 0.00	71.29 -0.49 0.00	59.76 -0.55 0.00	54.83 -0.49 0.00	8.77 -0.09 0.00	11.06 -0.15 0.00	19.55 -0.27 0.00	69.71 -0.99 0.00	61.55 -0.89 0.00	77.55 -1.01 0.00	131.36 -1.47 0.00	136.47 -1.79 0.00	155.47 -1.62 0.00	153.00 -1.43 0.00	187.79 -1.72 0.00	146.63 -1.77 0.00	135.10 -1.68 0.00	136.28 -1.52 0.00	104.99 -1.17 0.00	122.44 -1.27 0.00	105.29 -0.92 0.00
CH_RES_NIAGARA 23895	55.33 -4.54 0.00	61.28 -4.82 -0.24	68.50 -5.52 0.00	57.49 -4.57 0.00	66.89 -4.89 0.00	56.27 -4.04 0.00	51.84 -3.48 0.00	8.28 -0.57 0.00	10.54 -0.67 0.00	18.51 -1.32 0.00	64.89 -5.81 0.00	57.27 -5.17 0.00	74.53 -6.56 -2.53	120.95 -11.88 0.00	126.65 -11.60 0.00	146.32 -10.78 0.00	140.60 -13.83 0.00	170.45 -19.06 0.00	132.79 -16.69 -1.08	122.10 -16.72 -2.04	121.43 -16.36 0.00	93.95 -12.20 0.00	111.04 -12.66 0.00	97.19 -9.02 0.00
CH_RES_SYRACUSE 23985	60.34 0.47 0.00	66.51 0.49 -0.16	74.48 0.46 0.00	62.49 0.43 0.00	72.36 0.58 0.00	61.10 0.79 0.00	56.16 0.84 0.00	9.02 0.17 0.00	11.46 0.25 0.00	20.27 0.43 0.00	72.01 1.31 0.00	63.56 1.12 0.00	80.26 0.02 -1.68	132.47 -0.36 0.00	138.24 -0.02 0.00	157.25 0.16 0.00	154.14 -0.29 0.00	188.87 -0.65 0.00	148.48 -0.64 -0.72	137.36 -0.77 -1.36	136.91 -0.89 0.00	105.48 -0.67 0.00	122.97 -0.73 0.00	105.63 -0.58 0.00
CLINTON_WT_PWR 323605	58.23 -1.64 0.00	64.20 -1.65 0.00	72.66 -1.36 0.00	60.88 -1.17 0.00	70.37 -1.41 0.00	58.60 -1.71 0.00	53.84 -1.48 0.00	8.60 -0.26 0.00	10.74 -0.47 0.00	19.01 -0.81 0.00	68.16 -2.54 0.00	60.25 -2.19 0.00	76.08 -2.47 0.00	129.35 -3.48 0.00	134.39 -3.86 0.00	154.08 -3.01 0.00	152.49 -1.95 0.00	187.29 -2.22 0.00	145.87 -2.52 0.00	134.34 -2.43 0.00	135.59 -2.21 0.00	104.14 -2.02 0.00	121.52 -2.19 0.00	105.25 -0.96 0.00
CLINTON___LFGE 323618	59.08 -0.79 0.00	65.17 -0.68 0.00	73.76 -0.26 0.00	61.75 -0.31 0.00	71.42 -0.36 0.00	59.36 -0.94 0.00	54.59 -0.73 0.00	8.74 -0.11 0.00	10.92 -0.29 0.00	19.26 -0.57 0.00	69.01 -1.69 0.00	61.00 -1.43 0.00	77.03 -1.53 0.00	131.28 -1.55 0.00	136.54 -1.71 0.00	156.61 -0.48 0.00	155.19 0.76 0.00	190.59 1.08 0.00	148.57 0.17 0.00	136.69 -0.08 0.00	137.84 0.04 0.00	105.79 -0.37 0.00	123.45 -0.25 0.00	107.25 1.04 0.00
COBBLENY_34_KV_TB1 80064	57.38 -2.49 0.00	63.65 -2.47 -0.27	71.27 -2.76 0.00	59.73 -2.32 0.00	69.48 -2.31 0.00	58.48 -1.82 0.00	53.92 -1.39 0.00	8.64 -0.22 0.00	10.98 -0.22 0.00	19.32 -0.51 0.00	67.94 -2.76 0.00	60.00 -2.44 0.00	78.11 -3.30 -2.85	126.52 -6.31 0.00	132.46 -5.80 0.00	152.57 -4.52 0.00	147.20 -7.23 0.00	178.83 -10.68 0.00	139.86 -9.75 -1.21	128.88 -10.19 -2.29	127.94 -9.86 0.00	98.92 -7.23 0.00	116.56 -7.14 0.00	101.02 -5.19 0.00
COFFEEN___115KV_TB3 355620	61.08 1.21 0.00	67.77 1.84 -0.08	76.16 2.13 0.00	64.03 1.97 0.00	74.23 2.44 0.00	62.56 2.25 0.00	57.59 2.26 0.00	9.28 0.42 0.00	11.77 0.56 0.00	20.72 0.90 0.00	73.81 3.11 0.00	65.00 2.57 0.00	82.46 3.05 -0.86	138.25 5.43 0.00	144.29 6.04 0.00	165.08 7.99 0.00	163.03 8.60 0.00	201.05 11.53 0.00	157.38 8.61 -0.37	144.64 7.17 -0.69	144.94 7.13 0.00	111.46 5.30 0.00	129.12 5.42 0.00	111.01 4.81 0.00
COLDSPRG_115KV_BK1 355956	58.85 -1.02 0.00	65.37 -0.77 -0.29	73.29 -0.73 0.00	61.26 -0.80 0.00	71.20 -0.58 0.00	59.95 -0.36 0.00	55.20 -0.12 0.00	8.86 0.00 0.00	11.31 0.10 0.00	19.97 0.14 0.00	70.45 -0.25 0.00	62.01 -0.43 0.00	80.53 -1.02 -3.00	130.53 -2.30 0.00	136.49 -1.76 0.00	156.65 -0.44 0.00	151.94 -2.49 0.00	184.44 -5.07 0.00	144.86 -4.82 -1.28	133.86 -5.34 -2.42	132.87 -4.94 0.00	102.95 -3.20 0.00	121.03 -2.67 0.00	104.15 -2.06 0.00
COLONIE_LFGE___ 323577	63.23 3.36 0.00	71.39 3.62 -1.91	77.81 3.79 0.00	65.21 3.15 0.00	75.46 3.68 0.00	63.41 3.11 0.00	58.08 2.76 0.00	9.29 0.43 0.00	11.79 0.57 0.00	20.81 0.98 0.00	74.07 3.38 0.00	65.30 2.86 0.00	103.01 3.92 -20.53	139.75 6.90 -0.03	145.58 7.32 0.00	164.82 7.72 0.00	161.71 7.28 0.00	199.47 9.96 0.00	165.32 8.17 -8.75	160.72 7.40 -16.53	145.29 7.49 0.00	112.08 5.92 0.00	130.35 6.65 0.00	111.69 5.47 0.00
COOPERNY_115KV_TB1 80082	62.25 2.38 0.00	69.50 2.50 -1.16	76.65 2.62 0.00	64.17 2.12 0.00	74.26 2.48 0.00	62.45 2.15 0.00	57.29 1.98 0.00	9.21 0.35 0.00	11.71 0.50 0.00	20.77 0.94 0.00	74.53 3.83 0.00	65.85 3.40 0.00	95.24 4.14 -12.54	139.72 6.87 -0.02	145.45 7.19 0.00	164.20 7.11 0.00	161.16 6.73 0.00	197.63 8.11 0.00	160.88 7.13 -5.35	153.72 6.84 -10.10	144.60 6.80 0.00	111.54 5.38 0.00	129.56 5.86 0.00	111.09 4.88 0.00
COPENHAGEN_WT_PWR 323753	60.26 0.38 0.00	66.95 1.02 -0.08	75.25 1.23 0.00	63.33 1.28 0.00	73.41 1.63 0.00	61.85 1.55 0.00	56.88 1.56 0.00	9.16 0.30 0.00	11.61 0.40 0.00	20.46 0.64 0.00	72.93 2.23 0.00	64.28 1.84 0.00	81.55 2.10 -0.89	136.53 3.70 0.00	142.29 4.04 0.00	162.46 5.37 0.00	160.30 5.87 0.00	197.61 8.10 0.00	154.64 5.87 -0.38	142.20 4.71 -0.71	142.40 4.59 0.00	109.55 3.40 0.00	126.95 3.25 0.00	109.36 3.15 0.00
CORNELL_____ 23752	61.29 1.42 0.00	67.72 1.51 -0.36	75.71 1.69 0.00	63.47 1.42 0.00	73.60 1.81 0.00	62.04 1.74 0.00	57.13 1.81 0.00	9.19 0.34 0.00	11.69 0.48 0.00	20.66 0.84 0.00	73.48 2.78 0.00	64.95 2.51 0.00	84.68 2.43 -3.69	136.59 3.76 0.00	142.36 4.11 0.00	162.37 5.28 0.00	159.21 4.78 0.00	194.60 5.08 0.00	153.86 3.89 -1.57	143.23 3.48 -2.97	141.07 3.26 0.00	108.69 2.53 0.00	126.67 2.97 0.00	108.73 2.51 0.00

CORONA__69_KV_TB1 355595	65.15 5.24 -0.04	72.90 5.45 -1.60	79.64 5.60 -0.02	66.62 4.56 0.00	77.08 5.29 -0.01	64.86 4.54 -0.01	59.57 4.22 -0.03	33.49 0.79 -23.84	78.85 1.09 -66.55	40.68 1.97 -18.88	379.12 7.97 -300.46	291.94 7.05 -222.46	350.46 8.72 -263.18	361.17 14.57 -213.77	360.03 14.95 -206.83	347.03 15.21 -174.72	318.20 14.94 -148.83	333.50 16.80 -127.19	316.94 15.44 -153.10	323.35 14.76 -171.82	369.33 14.76 -216.77	503.36 11.50 -385.70	309.02 12.93 -172.38	220.58 11.13 -103.24
CORTLAND__115KV_TB3 80093	60.78 0.91 0.00	67.18 1.03 -0.29	75.09 1.07 0.00	62.94 0.89 0.00	72.89 1.11 0.00	61.46 1.16 0.00	56.49 1.17 0.00	9.08 0.22 0.00	11.54 0.33 0.00	20.40 0.58 0.00	72.64 1.94 0.00	64.18 1.74 0.00	83.17 1.63 -2.99	135.29 2.45 0.00	141.07 2.82 0.00	160.52 3.43 0.00	157.34 2.91 0.00	192.48 2.97 0.00	152.09 2.42 -1.27	141.36 2.18 -2.40	139.83 2.03 0.00	107.78 1.62 0.00	125.54 1.83 0.00	107.72 1.51 0.00
COXSACKIE__GT 23611	65.06 5.19 0.00	73.27 5.61 -1.80	80.09 6.07 0.00	67.06 5.00 0.00	77.68 5.89 0.00	65.34 5.03 0.00	59.87 4.55 0.00	9.58 0.73 0.00	12.17 0.96 0.00	21.38 1.55 0.00	76.57 5.88 0.00	66.91 4.47 0.00	103.84 5.96 -19.32	143.81 10.95 -0.03	150.48 12.22 0.00	170.78 13.68 0.00	167.78 13.35 0.00	207.65 18.13 0.00	170.92 14.28 -8.24	164.84 12.50 -15.56	149.87 12.07 0.00	115.57 9.41 0.00	134.75 11.05 0.00	115.23 9.02 0.00
CPV_VALLEY__CC1 323721	62.57 2.70 0.00	69.98 2.81 -1.32	76.94 2.92 0.00	64.38 2.33 0.00	74.49 2.70 0.00	62.69 2.38 0.00	57.52 2.20 0.00	9.25 0.39 0.00	11.77 0.57 0.00	20.89 1.06 0.00	75.10 4.40 0.00	66.35 3.91 0.00	97.71 4.78 -14.37	140.76 7.91 -0.02	146.47 8.21 0.00	165.06 7.97 0.00	161.99 7.56 0.00	198.64 9.13 0.00	162.69 8.16 -6.13	156.17 7.82 -11.57	145.62 7.82 0.00	112.33 6.18 0.00	130.41 6.71 0.00	111.75 5.54 0.00
CPV_VALLEY__CC2 323722	62.57 2.70 0.00	69.98 2.81 -1.32	76.94 2.92 0.00	64.38 2.33 0.00	74.49 2.70 0.00	62.69 2.38 0.00	57.52 2.20 0.00	9.25 0.39 0.00	11.77 0.57 0.00	20.89 1.06 0.00	75.10 4.40 0.00	66.35 3.91 0.00	97.71 4.78 -14.37	140.76 7.91 -0.02	146.47 8.21 0.00	165.06 7.97 0.00	161.99 7.56 0.00	198.64 9.13 0.00	162.69 8.16 -6.13	156.17 7.82 -11.57	145.62 7.82 0.00	112.33 6.18 0.00	130.41 6.71 0.00	111.75 5.54 0.00
CRESCENT__HYD 24018	63.23 3.36 0.00	71.39 3.62 -1.91	77.81 3.79 0.00	65.21 3.15 0.00	75.46 3.68 0.00	63.41 3.11 0.00	58.08 2.76 0.00	9.29 0.43 0.00	11.79 0.57 0.00	20.81 0.98 0.00	74.07 3.38 0.00	65.30 2.86 0.00	103.01 3.92 -20.53	139.75 6.90 -0.03	145.58 7.32 0.00	164.82 7.72 0.00	161.71 7.28 0.00	199.47 9.96 0.00	165.32 8.17 -8.75	160.72 7.40 -16.53	145.29 7.49 0.00	112.08 5.92 0.00	130.35 6.65 0.00	111.69 5.47 0.00
CRICKET__VALLEY_CC1 323756	63.99 4.12 0.00	71.83 4.35 -1.63	78.34 4.32 0.00	65.43 3.37 0.00	75.86 4.08 0.00	63.83 3.52 0.00	58.50 3.18 0.00	9.39 0.53 0.00	11.97 0.76 0.00	21.20 1.37 0.00	75.88 5.18 0.00	66.89 4.44 0.00	101.69 5.70 -17.44	142.87 10.02 -0.03	148.68 10.43 0.00	167.69 10.60 0.00	164.44 10.01 0.00	202.16 12.65 0.00	166.91 11.08 -7.43	161.06 10.24 -14.05	147.86 10.07 0.00	114.06 7.90 0.00	132.27 8.56 0.00	113.43 7.22 0.00
CRICKET__VALLEY_CC2 323757	63.99 4.12 0.00	71.83 4.35 -1.63	78.34 4.32 0.00	65.43 3.37 0.00	75.86 4.08 0.00	63.83 3.52 0.00	58.50 3.18 0.00	9.39 0.53 0.00	11.97 0.76 0.00	21.20 1.37 0.00	75.88 5.18 0.00	66.89 4.44 0.00	101.69 5.70 -17.44	142.87 10.02 -0.03	148.68 10.43 0.00	167.69 10.60 0.00	164.44 10.01 0.00	202.16 12.65 0.00	166.91 11.08 -7.43	161.06 10.24 -14.05	147.86 10.07 0.00	114.06 7.90 0.00	132.27 8.56 0.00	113.43 7.22 0.00
CRICKET__VALLEY_CC3 323758	63.99 4.12 0.00	71.83 4.35 -1.63	78.34 4.32 0.00	65.43 3.37 0.00	75.86 4.08 0.00	63.83 3.52 0.00	58.50 3.18 0.00	9.39 0.53 0.00	11.97 0.76 0.00	21.20 1.37 0.00	75.88 5.18 0.00	66.89 4.44 0.00	101.69 5.70 -17.44	142.87 10.02 -0.03	148.68 10.43 0.00	167.69 10.60 0.00	164.44 10.01 0.00	202.16 12.65 0.00	166.91 11.08 -7.43	161.06 10.24 -14.05	147.86 10.07 0.00	114.06 7.90 0.00	132.27 8.56 0.00	113.43 7.22 0.00
CRUCIBLE__METL_DRP 24180	60.34 0.47 0.00	66.51 0.49 -0.16	74.48 0.45 0.00	62.49 0.43 0.00	72.36 0.58 0.00	61.10 0.79 0.00	56.16 0.84 0.00	9.02 0.17 0.00	11.46 0.25 0.00	20.27 0.44 0.00	72.01 1.31 0.00	63.55 1.12 0.00	80.26 0.02 -1.68	132.46 -0.36 0.00	138.24 -0.02 0.00	157.25 0.16 0.00	154.14 -0.30 0.00	188.86 -0.65 0.00	148.48 -0.63 -0.72	137.36 -0.77 -1.36	136.90 -0.90 0.00	105.48 -0.68 0.00	122.97 -0.73 0.00	105.63 -0.58 0.00
DAHOWA__HYDRO 323763	64.16 4.29 0.00	72.38 4.59 -1.94	78.94 4.92 0.00	66.01 3.96 0.00	76.39 4.61 0.00	64.13 3.82 0.00	58.69 3.37 0.00	9.39 0.53 0.00	11.91 0.70 0.00	21.00 1.18 0.00	74.88 4.19 0.00	66.15 3.70 0.00	104.39 4.99 -20.84	141.31 8.45 -0.03	147.47 9.21 0.00	167.58 10.49 0.00	164.77 10.34 0.00	203.08 13.57 0.00	168.10 10.82 -8.89	163.30 9.73 -16.79	148.39 10.58 0.00	114.43 8.28 0.00	132.89 9.19 0.00	113.73 7.52 0.00
DANC__LFGE 323619	59.66 -0.21 0.00	66.04 0.09 -0.09	74.10 0.08 0.00	62.34 0.28 0.00	72.14 0.36 0.00	60.83 0.53 0.00	55.93 0.61 0.00	8.99 0.14 0.00	11.41 0.20 0.00	20.14 0.31 0.00	71.71 1.01 0.00	63.27 0.83 0.00	80.40 0.80 -1.05	134.08 1.25 0.00	139.85 1.60 0.00	159.49 2.40 0.00	157.02 2.59 0.00	193.21 3.69 0.00	151.44 2.60 -0.45	139.49 1.87 -0.84	139.56 1.76 0.00	107.43 1.27 0.00	124.70 0.99 0.00	107.29 1.08 0.00
DANSKAMMER__1 23586	64.38 4.51 0.00	72.13 4.74 -1.54	78.90 4.88 0.00	65.99 3.93 0.00	76.41 4.63 0.00	64.30 3.99 0.00	58.99 3.67 0.00	9.48 0.63 0.00	12.08 0.87 0.00	21.44 1.62 0.00	77.00 6.31 0.00	67.96 5.52 0.00	102.12 6.99 -16.58	144.78 11.93 -0.02	150.79 12.54 0.00	170.03 12.94 0.00	166.87 12.44 0.00	204.72 15.20 0.00	168.52 13.05 -7.07	162.34 12.21 -13.35	149.99 12.19 0.00	115.64 9.48 0.00	134.17 10.47 0.00	114.90 8.69 0.00
DANSKAMMER__2 23589	64.38 4.51 0.00	72.13 4.74 -1.54	78.90 4.88 0.00	65.99 3.93 0.00	76.41 4.63 0.00	64.30 3.99 0.00	58.99 3.67 0.00	9.48 0.63 0.00	12.08 0.87 0.00	21.44 1.62 0.00	77.00 6.31 0.00	67.96 5.52 0.00	102.12 6.99 -16.58	144.78 11.93 -0.02	150.79 12.54 0.00	170.03 12.94 0.00	166.87 12.44 0.00	204.72 15.20 0.00	168.52 13.05 -7.07	162.34 12.21 -13.35	149.99 12.19 0.00	115.64 9.48 0.00	134.17 10.47 0.00	114.90 8.69 0.00
DANSKAMMER__3 23590	64.38 4.51 0.00	72.13 4.74 -1.54	78.90 4.88 0.00	65.99 3.93 0.00	76.41 4.63 0.00	64.30 3.99 0.00	58.99 3.67 0.00	9.48 0.63 0.00	12.08 0.87 0.00	21.44 1.62 0.00	77.00 6.31 0.00	67.96 5.52 0.00	102.12 6.99 -16.58	144.78 11.93 -0.02	150.79 12.54 0.00	170.03 12.94 0.00	166.87 12.44 0.00	204.72 15.20 0.00	168.52 13.05 -7.07	162.34 12.21 -13.35	149.99 12.19 0.00	115.64 9.48 0.00	134.17 10.47 0.00	114.90 8.69 0.00

DANSKAMMER___4 23591	64.38 4.51 0.00	72.13 4.74 -1.54	78.90 4.88 0.00	65.99 3.93 0.00	76.41 4.63 0.00	64.30 3.99 0.00	58.99 3.67 0.00	9.48 0.63 0.00	12.08 0.87 0.00	21.44 1.62 0.00	77.00 6.31 0.00	67.96 5.52 0.00	102.12 6.99 -16.58	144.78 11.93 -0.02	150.79 12.54 0.00	170.03 12.94 0.00	166.87 12.44 0.00	204.72 15.20 0.00	168.52 13.05 -7.07	162.34 12.21 -13.35	149.99 12.19 0.00	115.64 9.48 0.00	134.17 10.47 0.00	114.90 8.69 0.00
DANSKAMMER___DIESEL 23592	64.38 4.51 0.00	72.13 4.74 -1.54	78.90 4.87 0.00	65.98 3.92 0.00	76.41 4.63 0.00	64.30 4.00 0.00	58.99 3.67 0.00	9.48 0.63 0.00	12.08 0.87 0.00	21.44 1.62 0.00	77.00 6.30 0.00	67.96 5.52 0.00	102.11 6.98 -16.58	144.77 11.92 -0.02	150.79 12.54 0.00	170.04 12.94 0.00	166.87 12.45 0.00	204.72 15.20 0.00	168.51 13.05 -7.07	162.34 12.21 -13.35	149.99 12.19 0.00	115.64 9.48 0.00	134.17 10.47 0.00	114.90 8.69 0.00
DARBY___SOLAR 323810	63.88 4.01 0.00	72.10 4.31 -1.93	78.63 4.61 0.00	65.77 3.71 0.00	76.10 4.32 0.00	63.89 3.59 0.00	58.46 3.14 0.00	9.35 0.50 0.00	11.86 0.65 0.00	20.92 1.09 0.00	74.58 3.88 0.00	65.86 3.42 0.00	103.99 4.63 -20.80	140.76 7.90 -0.03	146.84 8.58 0.00	166.76 9.67 0.00	163.90 9.47 0.00	201.94 12.43 0.00	167.24 9.97 -8.87	162.53 9.00 -16.75	147.50 9.70 0.00	113.81 7.66 0.00	132.21 8.51 0.00	113.21 7.00 0.00
DASHVILLE___HYD 23610	63.71 3.84 0.00	71.44 4.01 -1.58	78.13 4.11 0.00	65.33 3.28 0.00	75.67 3.88 0.00	63.64 3.33 0.00	58.36 3.04 0.00	9.38 0.53 0.00	11.96 0.75 0.00	21.21 1.38 0.00	76.27 5.58 0.00	67.31 4.87 0.00	101.70 6.09 -17.05	143.30 10.45 -0.03	149.32 11.06 0.00	168.31 11.21 0.00	165.18 10.75 0.00	202.55 13.04 0.00	166.90 11.23 -7.27	161.02 10.51 -13.73	148.50 10.69 0.00	114.49 8.33 0.00	132.77 9.06 0.00	113.69 7.48 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	66.21 6.34 0.00	74.22 6.81 -1.56	81.10 7.08 0.00	68.29 6.24 0.00	79.07 7.29 0.00	66.69 6.38 0.00	61.42 6.10 0.00	20.78 1.11 -10.82	99.53 1.47 -86.86	32.96 2.73 -10.40	236.98 10.39 -155.89	167.33 9.13 -95.76	117.58 11.99 -27.03	157.54 19.74 -4.97	163.55 20.77 -4.52	169.15 21.23 9.18	165.53 19.10 8.00	198.85 19.43 10.10	164.00 19.52 3.92	162.52 18.48 -7.27	158.59 19.07 -1.72	142.30 13.47 -22.68	145.97 14.40 -7.87	120.32 11.73 -2.39
DELAWARE___LFGE 323621	62.05 2.18 0.00	68.89 2.37 -0.67	76.68 2.66 0.00	64.26 2.21 0.00	74.40 2.62 0.00	62.52 2.22 0.00	57.41 2.09 0.00	9.23 0.37 0.00	11.74 0.53 0.00	20.79 0.97 0.00	74.31 3.61 0.00	65.66 3.22 0.00	89.56 3.84 -7.17	139.13 6.30 -0.01	144.91 6.66 0.00	164.24 7.15 0.00	161.23 6.80 0.00	197.28 7.77 0.00	157.97 6.52 -3.05	148.70 6.16 -5.77	143.86 6.06 0.00	110.84 4.69 0.00	128.93 5.23 0.00	110.54 4.33 0.00
DERFIELD_115KV_TB7 355931	60.41 0.54 0.00	66.47 0.61 0.00	74.61 0.59 0.00	62.56 0.50 0.00	72.36 0.58 0.00	60.85 0.54 0.00	55.76 0.45 0.00	8.94 0.08 0.00	11.33 0.12 0.00	20.06 0.23 0.00	71.49 0.79 0.00	63.13 0.69 0.00	79.43 0.87 0.00	134.29 1.46 0.00	139.86 1.60 0.00	158.53 1.44 0.00	155.76 1.33 0.00	191.17 1.66 0.00	149.84 1.45 0.00	138.13 1.36 0.00	139.08 1.28 0.00	107.22 1.06 0.00	124.94 1.24 0.00	107.18 0.97 0.00
DOGLEVILLE___HYD 23807	62.28 2.41 0.00	68.28 2.43 0.00	76.49 2.47 0.00	64.14 2.08 0.00	74.48 2.70 0.00	62.68 2.38 0.00	57.64 2.32 0.00	9.25 0.39 0.00	11.75 0.55 0.00	20.71 0.88 0.00	74.09 3.39 0.00	65.16 2.72 0.00	82.08 3.52 0.00	139.08 6.25 0.00	145.45 7.19 0.00	164.83 7.73 0.00	161.71 7.28 0.00	199.32 9.80 0.00	157.18 8.77 0.00	144.68 7.90 0.00	144.81 7.00 0.00	111.44 5.28 0.00	129.94 6.24 0.00	110.79 4.58 0.00
DUNKIRK___115KV_TB_200 55889	57.44 -2.43 0.00	63.82 -2.30 -0.27	71.59 -2.43 0.00	59.94 -2.11 0.00	69.62 -2.17 0.00	58.56 -1.75 0.00	54.00 -1.31 0.00	8.66 -0.20 0.00	11.05 -0.16 0.00	19.46 -0.37 0.00	68.42 -2.28 0.00	60.35 -2.09 0.00	78.54 -2.81 -2.79	127.39 -5.44 0.00	133.30 -4.95 0.00	153.78 -3.32 0.00	148.43 -6.00 0.00	180.35 -9.16 0.00	141.03 -8.55 -1.19	129.98 -9.04 -2.25	129.04 -8.76 0.00	99.76 -6.39 0.00	117.29 -6.41 0.00	100.96 -5.25 0.00
DUNKIRK___1 23563	57.44 -2.43 0.00	63.82 -2.30 -0.27	71.59 -2.43 0.00	59.94 -2.11 0.00	69.62 -2.17 0.00	58.56 -1.75 0.00	54.00 -1.31 0.00	8.66 -0.20 0.00	11.05 -0.16 0.00	19.46 -0.37 0.00	68.42 -2.28 0.00	60.35 -2.09 0.00	78.54 -2.81 -2.79	127.39 -5.44 0.00	133.30 -4.95 0.00	153.78 -3.32 0.00	148.43 -6.00 0.00	180.35 -9.16 0.00	141.03 -8.55 -1.19	129.98 -9.04 -2.25	129.04 -8.76 0.00	99.76 -6.39 0.00	117.29 -6.41 0.00	100.96 -5.25 0.00
DUNKIRK___2 23564	57.44 -2.43 0.00	63.82 -2.30 -0.27	71.59 -2.43 0.00	59.94 -2.11 0.00	69.62 -2.17 0.00	58.56 -1.75 0.00	54.00 -1.31 0.00	8.66 -0.20 0.00	11.05 -0.16 0.00	19.46 -0.37 0.00	68.42 -2.28 0.00	60.35 -2.09 0.00	78.54 -2.81 -2.79	127.39 -5.44 0.00	133.30 -4.95 0.00	153.78 -3.32 0.00	148.43 -6.00 0.00	180.35 -9.16 0.00	141.03 -8.55 -1.19	129.98 -9.04 -2.25	129.04 -8.76 0.00	99.76 -6.39 0.00	117.29 -6.41 0.00	100.96 -5.25 0.00
DUNKIRK___3 23565	57.26 -2.61 0.00	63.58 -2.54 -0.26	71.29 -2.73 0.00	59.72 -2.33 0.00	69.38 -2.41 0.00	58.37 -1.94 0.00	53.82 -1.50 0.00	8.62 -0.23 0.00	11.00 -0.21 0.00	19.36 -0.47 0.00	68.05 -2.65 0.00	60.03 -2.41 0.00	78.07 -3.24 -2.75	126.67 -6.16 0.00	132.59 -5.67 0.00	152.89 -4.21 0.00	147.54 -6.89 0.00	179.20 -10.31 0.00	140.13 -9.44 -1.17	129.10 -9.90 -2.22	128.25 -9.55 0.00	99.15 -7.01 0.00	116.67 -7.04 0.00	100.67 -5.54 0.00
DUNKIRK___4 23566	57.26 -2.61 0.00	63.58 -2.54 -0.26	71.29 -2.73 0.00	59.72 -2.33 0.00	69.38 -2.41 0.00	58.37 -1.94 0.00	53.82 -1.50 0.00	8.62 -0.23 0.00	11.00 -0.21 0.00	19.36 -0.47 0.00	68.05 -2.65 0.00	60.03 -2.41 0.00	78.07 -3.24 -2.75	126.67 -6.16 0.00	132.59 -5.67 0.00	152.89 -4.21 0.00	147.54 -6.89 0.00	179.20 -10.31 0.00	140.13 -9.44 -1.17	129.10 -9.90 -2.22	128.25 -9.55 0.00	99.15 -7.01 0.00	116.67 -7.04 0.00	100.67 -5.54 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	64.17 4.31 0.00	71.86 4.44 -1.56	78.47 4.45 0.00	65.63 3.57 0.00	75.94 4.16 0.00	63.94 3.64 0.00	58.67 3.35 0.00	9.43 0.57 0.00	12.02 0.81 0.00	21.35 1.53 0.00	76.99 6.29 0.00	68.04 5.60 0.00	102.16 7.00 -16.60	144.65 11.80 -0.02	150.54 12.29 0.00	169.41 12.32 0.00	166.26 11.83 0.00	203.72 14.21 0.00	168.02 12.54 -7.08	162.06 11.91 -13.37	149.75 11.94 0.00	115.52 9.37 0.00	134.10 10.39 0.00	114.79 8.58 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	63.66 3.79 0.00	71.32 3.98 -1.48	78.17 4.14 0.00	65.37 3.32 0.00	75.68 3.90 0.00	63.68 3.37 0.00	58.43 3.11 0.00	9.39 0.54 0.00	11.96 0.75 0.00	21.23 1.40 0.00	76.35 5.65 0.00	67.43 4.98 0.00	100.85 6.24 -16.06	143.43 10.58 -0.02	149.33 11.07 0.00	168.27 11.18 0.00	165.16 10.73 0.00	202.57 13.06 0.00	166.59 11.34 -6.85	160.40 10.70 -12.93	148.46 10.66 0.00	114.48 8.32 0.00	132.86 9.16 0.00	113.79 7.58 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	64.20 4.33 0.00	71.83 4.41 -1.56	78.34 4.32 0.00	65.46 3.41 0.00	75.75 3.97 0.00	63.81 3.51 0.00	58.57 3.25 0.00	9.42 0.56 0.00	12.00 0.79 0.00	21.37 1.55 0.00	77.21 6.51 0.00	68.17 5.73 0.00	102.25 7.09 -16.60	144.77 11.92 -0.02	150.47 12.21 0.00	169.17 12.08 0.00	166.21 11.78 0.00	203.52 14.00 0.00	168.23 12.75 -7.08	162.53 12.37 -13.37	149.94 12.14 0.00	115.70 9.54 0.00	134.25 10.54 0.00	114.92 8.71 0.00
E179THST_13_KV_LOAD 356214	64.47 4.60 0.00	72.14 4.72 -1.56	78.65 4.63 0.00	65.71 3.66 0.00	76.02 4.24 0.00	64.04 3.74 0.00	58.79 3.47 0.00	9.45 0.60 0.00	12.05 0.84 0.00	21.46 1.63 0.00	77.53 6.83 0.00	68.48 6.04 0.00	102.65 7.48 -16.60	145.48 12.62 -0.02	151.19 12.94 0.00	170.04 12.94 0.00	167.05 12.62 0.00	204.54 15.03 0.00	169.04 13.56 -7.08	163.26 13.11 -13.37	150.70 12.90 0.00	116.25 10.10 0.00	134.87 11.16 0.00	115.47 9.26 0.00
EAST HAMPTON___GT 23717	65.92 6.05 0.00	74.12 6.70 -1.56	80.92 6.90 0.00	68.57 6.52 0.00	79.41 7.62 0.00	67.16 6.86 0.00	61.92 6.61 0.00	20.84 1.17 -10.82	99.57 1.50 -86.86	33.15 2.91 -10.40	237.52 10.93 -155.90	167.72 9.52 -95.76	118.67 13.08 -27.03	159.45 21.65 -4.97	165.46 22.68 -4.52	170.86 22.95 9.18	165.44 19.01 7.99	197.42 18.00 10.10	164.34 19.86 3.91	162.83 18.79 -7.27	159.45 19.92 -1.73	141.66 12.82 -22.68	144.33 12.76 -7.87	118.51 9.91 -2.39
EAST RIVER___6 23660	64.24 4.37 0.00	71.86 4.44 -1.56	78.32 4.30 0.00	65.49 3.44 0.00	75.81 4.03 0.00	63.85 3.54 0.00	58.57 3.25 0.00	9.42 0.56 0.00	12.01 0.80 0.00	21.38 1.55 0.00	77.28 6.58 0.00	68.35 5.91 0.00	102.54 7.38 -16.60	145.28 12.43 -0.02	151.24 12.98 0.00	170.03 12.94 0.00	166.97 12.54 0.00	204.31 14.80 0.00	168.70 13.22 -7.08	162.73 12.58 -13.37	150.38 12.58 0.00	115.98 9.83 0.00	134.60 10.90 0.00	115.16 8.94 0.00
EAST RIVER___7 23524	64.24 4.37 0.00	71.86 4.44 -1.56	78.32 4.30 0.00	65.49 3.44 0.00	75.81 4.03 0.00	63.85 3.54 0.00	58.57 3.25 0.00	9.42 0.56 0.00	12.01 0.80 0.00	21.38 1.55 0.00	77.28 6.58 0.00	68.35 5.91 0.00	102.54 7.38 -16.60	145.28 12.43 -0.02	151.24 12.98 0.00	170.03 12.94 0.00	166.97 12.54 0.00	204.31 14.80 0.00	168.70 13.22 -7.08	162.73 12.58 -13.37	150.38 12.58 0.00	115.98 9.83 0.00	134.60 10.90 0.00	115.16 8.94 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	64.06 4.19 0.00	71.75 4.34 -1.56	78.31 4.29 0.00	65.48 3.42 0.00	75.79 4.01 0.00	63.79 3.48 0.00	58.52 3.20 0.00	9.40 0.55 0.00	11.98 0.78 0.00	21.29 1.47 0.00	76.77 6.07 0.00	67.84 5.40 0.00	101.87 6.75 -16.57	144.24 11.39 -0.02	150.11 11.85 0.00	168.95 11.86 0.00	165.78 11.35 0.00	203.15 13.64 0.00	167.56 12.10 -7.06	161.60 11.47 -13.34	149.24 11.44 0.00	115.16 9.00 0.00	133.65 9.95 0.00	114.45 8.24 0.00
EAST_HAMPTON___DIESEL 23722	65.82 5.96 0.00	74.04 6.63 -1.56	80.83 6.81 0.00	68.54 6.48 0.00	79.37 7.59 0.00	67.16 6.85 0.00	61.91 6.59 0.00	20.84 1.16 -10.82	99.55 1.49 -86.86	33.14 2.91 -10.40	237.55 10.96 -155.90	167.75 9.55 -95.76	118.69 13.10 -27.03	159.54 21.74 -4.97	165.43 22.66 -4.52	170.84 22.92 9.18	165.19 18.76 7.99	197.15 17.73 10.10	164.17 19.68 3.91	162.67 18.63 -7.27	159.31 19.78 -1.73	141.43 12.60 -22.68	143.97 12.40 -7.87	118.17 9.58 -2.39
EAST_POINT___SOLAR 323840	64.23 4.36 0.00	72.58 4.60 -2.12	79.31 5.29 0.00	66.64 4.59 0.00	77.10 5.32 0.00	65.02 4.71 0.00	59.89 4.57 0.00	9.65 0.79 0.00	12.22 1.02 0.00	21.49 1.66 0.00	76.46 5.76 0.00	67.25 4.81 0.00	107.28 5.89 -22.83	142.51 9.64 -0.03	149.68 11.42 0.00	171.94 14.84 0.00	169.69 15.26 0.00	208.38 18.87 0.00	172.67 14.53 -9.73	168.25 13.09 -18.39	150.87 13.07 0.00	114.89 8.73 0.00	133.49 9.79 0.00	114.45 8.24 0.00
EAST_PULASKI___ESR 323781	59.13 -0.74 0.00	65.19 -0.77 -0.11	73.03 -0.99 0.00	61.42 -0.64 0.00	70.96 -0.83 0.00	59.92 -0.39 0.00	55.04 -0.28 0.00	8.85 -0.01 0.00	11.22 0.02 0.00	19.83 0.00 0.00	70.56 -0.14 0.00	62.35 -0.09 0.00	79.37 -0.39 -1.20	131.79 -1.04 0.00	137.68 -0.57 0.00	156.78 -0.31 0.00	154.03 -0.40 0.00	189.12 -0.39 0.00	148.48 -0.43 -0.51	137.05 -0.69 -0.97	136.97 -0.83 0.00	105.47 -0.69 0.00	122.69 -1.01 0.00	105.40 -0.81 0.00
EAST_RIVER___1 323558	64.18 4.31 0.00	71.79 4.38 -1.56	78.26 4.24 0.00	65.45 3.40 0.00	75.74 3.95 0.00	63.79 3.49 0.00	58.51 3.19 0.00	9.41 0.55 0.00	11.99 0.79 0.00	21.35 1.52 0.00	77.16 6.47 0.00	68.23 5.79 0.00	102.39 7.23 -16.60	145.01 12.16 -0.02	150.95 12.69 0.00	169.71 12.62 0.00	166.63 12.20 0.00	203.92 14.41 0.00	168.39 12.92 -7.08	162.45 12.31 -13.37	150.10 12.30 0.00	115.79 9.64 0.00	134.42 10.72 0.00	115.02 8.81 0.00
EAST_RIVER___2 323559	64.24 4.37 0.00	71.86 4.44 -1.56	78.32 4.30 0.00	65.49 3.44 0.00	75.81 4.03 0.00	63.85 3.54 0.00	58.57 3.25 0.00	9.42 0.56 0.00	12.01 0.80 0.00	21.38 1.55 0.00	77.28 6.58 0.00	68.35 5.91 0.00	102.54 7.38 -16.60	145.28 12.43 -0.02	151.24 12.98 0.00	170.03 12.94 0.00	166.97 12.54 0.00	204.31 14.80 0.00	168.70 13.22 -7.08	162.73 12.58 -13.37	150.38 12.58 0.00	115.98 9.83 0.00	134.60 10.90 0.00	115.16 8.94 0.00
EAST___DELAWARE_HYD 23607	62.37 2.49 0.00	69.79 2.54 -1.40	76.60 2.58 0.00	64.07 2.01 0.00	74.19 2.41 0.00	62.42 2.12 0.00	57.32 2.00 0.00	9.23 0.37 0.00	11.75 0.54 0.00	20.86 1.03 0.00	74.92 4.22 0.00	66.19 3.75 0.00	98.40 4.72 -15.13	140.84 7.99 -0.02	146.71 8.45 0.00	165.58 8.49 0.00	162.65 8.22 0.00	199.55 10.03 0.00	163.65 8.80 -6.45	157.31 8.35 -12.19	146.04 8.24 0.00	112.47 6.31 0.00	130.41 6.71 0.00	111.61 5.40 0.00
EIGHT_POINT___WT_PWR 323820	57.83 -2.04 0.00	64.74 -1.44 -0.33	72.91 -1.12 0.00	60.92 -1.13 0.00	71.08 -0.71 0.00	59.90 -0.40 0.00	55.44 0.13 0.00	8.94 0.09 0.00	11.42 0.21 0.00	20.05 0.22 0.00	70.63 -0.07 0.00	62.32 -0.12 0.00	81.54 -0.42 -3.40	132.37 -0.46 0.00	137.19 -1.06 0.00	158.07 0.97 0.00	153.50 -0.93 0.00	186.63 -2.88 0.00	147.32 -2.53 -1.45	136.88 -2.63 -2.74	135.49 -2.31 0.00	104.33 -1.82 0.00	121.85 -1.86 0.00	105.25 -0.97 0.00
ELBRIDGE_115KV_TB2 80188	60.46 0.59 0.00	66.65 0.62 -0.17	74.64 0.62 0.00	62.61 0.56 0.00	72.64 0.85 0.00	61.33 1.03 0.00	56.41 1.10 0.00	9.07 0.21 0.00	11.52 0.32 0.00	20.36 0.54 0.00	72.29 1.59 0.00	63.73 1.29 0.00	79.97 -0.38 -1.78	131.80 -1.03 0.00	137.55 -0.70 0.00	156.49 -0.60 0.00	153.32 -1.11 0.00	187.79 -1.72 0.00	147.57 -1.59 -0.76	136.57 -1.65 -1.44	136.07 -1.73 0.00	104.84 -1.31 0.00	122.32 -1.38 0.00	105.08 -1.13 0.00
ELEC_TRO_TEK 24086	64.81 4.93 -0.01	72.54 5.11 -1.57	79.25 5.22 0.00	66.28 4.22 0.00	76.70 4.91 0.00	64.52 4.21 0.00	59.28 3.94 -0.01	22.60 0.74 -13.00	59.03 1.03 -46.79	32.32 1.85 -10.63	241.71 7.54 -163.46	186.93 6.69 -117.80	213.19 8.34 -126.29	239.63 14.06 -92.74	242.56 14.75 -89.56	240.08 14.86 -68.12	226.85 14.49 -57.92	253.42 16.29 -47.61	225.50 15.02 -62.08	227.40 14.19 -76.44	244.20 14.28 -92.12	292.57 11.15 -175.27	213.00 12.28 -77.02	161.71 10.54 -44.96

ELLENBURG_WT_PWR 323604	58.23 -1.64 0.00	64.20 -1.65 0.00	72.66 -1.36 0.00	60.88 -1.17 0.00	70.37 -1.41 0.00	58.60 -1.71 0.00	53.84 -1.48 0.00	8.60 -0.26 0.00	10.74 -0.47 0.00	19.01 -0.81 0.00	68.16 -2.54 0.00	60.25 -2.19 0.00	76.08 -2.47 0.00	129.35 -3.48 0.00	134.39 -3.86 0.00	154.08 -3.01 0.00	152.49 -1.95 0.00	187.29 -2.22 0.00	145.87 -2.52 0.00	134.34 -2.43 0.00	135.59 -2.21 0.00	104.14 -2.02 0.00	121.52 -2.19 0.00	105.25 -0.96 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	56.69 -3.18 0.00	62.86 -3.25 -0.25	70.38 -3.65 0.00	59.02 -3.04 0.00	68.64 -3.14 0.00	57.75 -2.56 0.00	53.24 -2.08 0.00	8.53 -0.33 0.00	10.85 -0.36 0.00	19.07 -0.76 0.00	66.97 -3.73 0.00	59.11 -3.34 0.00	76.91 -4.32 -2.67	124.79 -8.04 0.00	130.66 -7.59 0.00	150.66 -6.43 0.00	145.18 -9.26 0.00	176.18 -13.33 0.00	137.62 -11.92 -1.14	126.70 -12.23 -2.15	125.89 -11.91 0.00	97.38 -8.77 0.00	114.80 -8.90 0.00	99.62 -6.59 0.00
EMPIRE_CC_1 323656	62.89 3.02 0.00	70.93 3.26 -1.82	77.37 3.35 0.00	64.86 2.80 0.00	75.07 3.28 0.00	63.10 2.79 0.00	57.66 2.33 0.00	9.18 0.33 0.00	11.64 0.44 0.00	20.57 0.74 0.00	73.25 2.55 0.00	64.55 2.11 0.00	101.09 3.00 -19.53	138.22 5.36 -0.03	143.87 5.62 0.00	162.61 5.51 0.00	159.40 4.97 0.00	196.76 7.25 0.00	162.84 6.12 -8.33	158.10 5.59 -15.74	143.29 5.49 0.00	110.62 4.46 0.00	128.73 5.02 0.00	110.34 4.13 0.00
EMPIRE_CC_2 323658	62.89 3.02 0.00	70.93 3.26 -1.82	77.37 3.35 0.00	64.86 2.80 0.00	75.07 3.28 0.00	63.10 2.79 0.00	57.66 2.33 0.00	9.18 0.33 0.00	11.64 0.44 0.00	20.57 0.74 0.00	73.25 2.55 0.00	64.55 2.11 0.00	101.09 3.00 -19.53	138.22 5.36 -0.03	143.87 5.62 0.00	162.61 5.51 0.00	159.40 4.97 0.00	196.76 7.25 0.00	162.84 6.12 -8.33	158.10 5.59 -15.74	143.29 5.49 0.00	110.62 4.46 0.00	128.73 5.02 0.00	110.34 4.13 0.00
ENORWICH_115KV_TB1 80156	63.50 3.63 0.00	69.37 3.02 -0.49	77.98 3.96 0.00	65.98 3.92 0.00	76.73 4.95 0.00	64.61 4.31 0.00	60.12 4.81 0.00	9.75 0.90 0.00	12.49 1.29 0.00	22.12 2.30 0.00	78.58 7.89 0.00	69.71 7.28 0.00	92.06 8.38 -5.12	146.17 13.34 -0.01	152.14 13.88 0.00	173.63 16.53 0.00	170.76 16.33 0.00	207.91 18.39 0.00	164.91 14.33 -2.18	153.45 12.55 -4.12	149.17 11.37 0.00	114.60 8.44 0.00	133.38 9.68 0.00	114.11 7.90 0.00
ERIE_ST__34_KV_TB1-2 80199	57.23 -2.64 0.00	63.44 -2.68 -0.27	71.01 -3.01 0.00	59.50 -2.55 0.00	69.20 -2.59 0.00	58.25 -2.05 0.00	53.68 -1.64 0.00	8.60 -0.26 0.00	10.94 -0.27 0.00	19.26 -0.56 0.00	67.80 -2.90 0.00	59.81 -2.63 0.00	77.78 -3.57 -2.79	126.11 -6.72 0.00	132.03 -6.22 0.00	151.90 -5.19 0.00	146.69 -7.75 0.00	178.11 -11.41 0.00	139.33 -10.25 -1.19	128.40 -10.62 -2.24	127.62 -10.18 0.00	98.70 -7.46 0.00	116.28 -7.42 0.00	100.76 -5.45 0.00
ERIE_WT_PWR 323693	56.93 -2.94 0.00	63.16 -2.96 -0.26	70.77 -3.25 0.00	59.32 -2.74 0.00	68.98 -2.80 0.00	58.04 -2.26 0.00	53.54 -1.78 0.00	8.57 -0.28 0.00	10.91 -0.30 0.00	19.19 -0.64 0.00	67.47 -3.23 0.00	59.56 -2.89 0.00	77.53 -3.77 -2.74	125.57 -7.26 0.00	131.52 -6.73 0.00	151.60 -5.49 0.00	146.20 -8.23 0.00	177.45 -12.07 0.00	138.77 -10.80 -1.17	127.76 -11.22 -2.21	126.88 -10.92 0.00	98.14 -8.01 0.00	115.67 -8.04 0.00	100.22 -5.99 0.00
ESPRGFLD_115KV_TB1 80157	61.99 2.11 0.00	68.04 2.18 0.00	76.65 2.63 0.00	64.53 2.48 0.00	74.61 2.83 0.00	62.82 2.51 0.00	57.88 2.56 0.00	9.33 0.48 0.00	11.86 0.65 0.00	20.99 1.16 0.00	74.77 4.07 0.00	66.26 3.82 0.00	82.96 4.40 0.00	139.74 6.92 0.00	145.67 7.41 0.00	166.05 8.96 0.00	163.35 8.92 0.00	199.36 9.85 0.00	155.96 7.56 0.00	143.71 6.93 0.00	144.73 6.93 0.00	111.29 5.13 0.00	129.58 5.88 0.00	111.24 5.03 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	61.21 1.34 0.00	67.63 1.42 -0.36	75.60 1.58 0.00	63.39 1.34 0.00	73.49 1.71 0.00	61.96 1.66 0.00	57.04 1.73 0.00	9.18 0.32 0.00	11.67 0.46 0.00	20.63 0.81 0.00	73.40 2.70 0.00	64.86 2.42 0.00	84.53 2.29 -3.68	136.35 3.52 0.00	142.14 3.89 0.00	162.05 4.96 0.00	158.88 4.45 0.00	194.26 4.75 0.00	153.61 3.64 -1.57	142.98 3.24 -2.96	140.81 3.01 0.00	108.50 2.34 0.00	126.43 2.73 0.00	108.55 2.33 0.00
ETNA____115KV_TB2 80207	61.21 1.34 0.00	67.63 1.42 -0.36	75.60 1.58 0.00	63.39 1.34 0.00	73.49 1.71 0.00	61.96 1.66 0.00	57.04 1.73 0.00	9.18 0.32 0.00	11.67 0.46 0.00	20.63 0.81 0.00	73.40 2.70 0.00	64.86 2.42 0.00	84.53 2.29 -3.68	136.35 3.52 0.00	142.14 3.89 0.00	162.05 4.96 0.00	158.88 4.45 0.00	194.26 4.75 0.00	153.61 3.64 -1.57	142.98 3.24 -2.96	140.81 3.01 0.00	108.50 2.34 0.00	126.43 2.73 0.00	108.55 2.33 0.00
EUCLID__115KV_TB2 356179	59.12 -0.75 0.00	65.13 -0.86 -0.13	72.90 -1.13 0.00	61.22 -0.84 0.00	70.75 -1.04 0.00	59.70 -0.61 0.00	54.84 -0.48 0.00	8.80 -0.06 0.00	11.17 -0.04 0.00	19.76 -0.06 0.00	70.25 -0.45 0.00	62.06 -0.38 0.00	78.99 -0.96 -1.40	130.85 -1.98 0.00	136.51 -1.75 0.00	155.22 -1.87 0.00	152.17 -2.26 0.00	186.45 -3.06 0.00	146.53 -2.46 -0.60	135.47 -2.44 -1.13	135.25 -2.55 0.00	104.22 -1.94 0.00	121.48 -2.22 0.00	104.34 -1.88 0.00
E_CANADA_CAP_HY 24051	62.42 2.55 0.00	70.74 2.69 -2.20	77.19 3.17 0.00	65.00 2.95 0.00	75.10 3.32 0.00	63.29 2.98 0.00	58.25 2.93 0.00	9.38 0.52 0.00	11.88 0.67 0.00	20.96 1.14 0.00	74.46 3.76 0.00	65.91 3.47 0.00	106.42 4.14 -23.72	139.48 6.62 -0.03	145.65 7.39 0.00	166.49 9.39 0.00	163.69 9.26 0.00	200.39 10.88 0.00	166.59 8.08 -10.11	163.20 7.32 -19.10	145.35 7.54 0.00	111.63 5.47 0.00	130.27 6.57 0.00	111.89 5.68 0.00
E_CANADA_MHWK_HY 24050	62.28 2.41 0.00	68.28 2.43 0.00	76.49 2.47 0.00	64.14 2.08 0.00	74.48 2.70 0.00	62.68 2.38 0.00	57.64 2.32 0.00	9.25 0.39 0.00	11.75 0.55 0.00	20.71 0.88 0.00	74.09 3.39 0.00	65.16 2.72 0.00	82.08 3.52 0.00	139.08 6.25 0.00	145.45 7.19 0.00	164.83 7.73 0.00	161.71 7.28 0.00	199.32 9.80 0.00	157.18 8.77 0.00	144.68 7.90 0.00	144.81 7.00 0.00	111.44 5.28 0.00	129.94 6.24 0.00	110.79 4.58 0.00
E_FISHKILL__LBMP 23776	63.77 3.90 0.00	71.51 4.08 -1.58	78.09 4.07 0.00	65.29 3.24 0.00	75.61 3.83 0.00	63.60 3.30 0.00	58.34 3.02 0.00	9.37 0.51 0.00	11.93 0.72 0.00	21.18 1.35 0.00	76.12 5.42 0.00	67.19 4.75 0.00	101.47 5.98 -16.93	143.05 10.20 -0.03	148.89 10.63 0.00	167.70 10.60 0.00	164.50 10.07 0.00	201.75 12.24 0.00	166.43 10.81 -7.22	160.65 10.23 -13.64	148.06 10.26 0.00	114.22 8.06 0.00	132.60 8.90 0.00	113.60 7.39 0.00
FALCON____SEABRD_CC1 323796	58.91 -0.97 0.00	64.96 -0.89 0.00	73.55 -0.47 0.00	61.56 -0.50 0.00	71.17 -0.61 0.00	59.04 -1.27 0.00	54.23 -1.08 0.00	8.68 -0.17 0.00	10.82 -0.39 0.00	19.08 -0.75 0.00	68.36 -2.33 0.00	60.52 -1.92 0.00	76.45 -2.11 0.00	130.16 -2.67 0.00	135.19 -3.07 0.00	154.89 -2.20 0.00	153.46 -0.97 0.00	188.58 -0.94 0.00	146.91 -1.48 0.00	135.16 -1.62 0.00	136.29 -1.51 0.00	104.61 -1.54 0.00	122.04 -1.66 0.00	106.44 0.23 0.00

FALCON___SEABRD_CC2 323797	58.91 -0.97 0.00	64.96 -0.89 0.00	73.55 -0.47 0.00	61.56 -0.50 0.00	71.17 -0.61 0.00	59.04 -1.27 0.00	54.23 -1.08 0.00	8.68 -0.17 0.00	10.82 -0.39 0.00	19.08 -0.75 0.00	68.36 -2.33 0.00	60.52 -1.92 0.00	76.45 -2.11 0.00	130.16 0.00 0.00	135.19 -3.07 0.00	154.89 -2.20 0.00	153.46 -0.97 0.00	188.58 -0.94 0.00	146.91 -1.48 0.00	135.16 -1.62 0.00	136.29 -1.51 0.00	104.61 0.00 0.00	122.04 -1.66 0.00	106.44 0.23 0.00
FAR ROCKAWAY___4 23548	65.62 5.71 -0.04	73.41 5.95 -1.60	80.22 6.17 -0.02	67.09 5.03 0.00	77.63 5.84 -0.01	65.32 5.00 -0.01	60.01 4.66 -0.03	34.64 0.87 -24.91	79.69 1.20 -67.29	41.63 2.15 -19.66	392.75 8.60 -313.45	302.89 7.61 -232.84	366.67 9.42 -278.69	375.62 15.30 -227.49	373.46 15.09 -220.12	359.19 15.29 -186.80	328.66 15.09 -159.14	342.67 16.95 -136.21	327.43 15.61 -163.42	334.74 15.33 -182.63	384.03 15.32 -230.90	527.68 11.98 -409.55	321.02 14.13 -183.19	228.23 12.17 -109.85
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	64.20 4.33 0.00	71.81 4.39 -1.56	78.31 4.28 0.00	65.47 3.41 0.00	75.78 4.00 0.00	63.84 3.53 0.00	58.54 3.22 0.00	9.41 0.55 0.00	12.00 0.79 0.00	21.35 1.53 0.00	77.21 6.51 0.00	68.25 5.81 0.00	102.41 7.25 -16.60	145.04 12.19 -0.02	150.98 12.73 0.00	169.76 12.67 0.00	166.67 12.24 0.00	203.96 14.44 0.00	168.45 12.97 -7.08	162.51 12.36 -13.37	150.18 12.38 0.00	115.83 9.68 0.00	134.48 10.77 0.00	115.06 8.85 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	64.24 4.37 0.00	71.86 4.45 -1.56	78.35 4.33 0.00	65.51 3.45 0.00	75.81 4.03 0.00	63.85 3.55 0.00	58.57 3.25 0.00	9.42 0.56 0.00	12.00 0.80 0.00	21.37 1.54 0.00	77.23 6.54 0.00	68.29 5.85 0.00	102.46 7.30 -16.60	145.14 12.30 -0.02	151.08 12.82 0.00	169.84 12.75 0.00	166.81 12.38 0.00	204.12 14.60 0.00	168.57 13.09 -7.08	162.61 12.46 -13.37	150.29 12.49 0.00	115.92 9.76 0.00	134.58 10.88 0.00	115.16 8.95 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	64.18 4.31 0.00	71.79 4.38 -1.56	78.27 4.25 0.00	65.45 3.39 0.00	75.74 3.96 0.00	63.79 3.49 0.00	58.51 3.19 0.00	9.41 0.55 0.00	11.99 0.78 0.00	21.35 1.52 0.00	77.16 6.46 0.00	68.23 5.79 0.00	102.39 7.23 -16.60	144.94 12.10 -0.02	150.91 12.66 0.00	169.63 12.54 0.00	166.56 12.13 0.00	203.86 14.35 0.00	168.35 12.87 -7.08	162.39 12.24 -13.37	150.08 12.28 0.00	115.79 9.63 0.00	134.40 10.69 0.00	115.01 8.80 0.00
FARRAGUT___LBMP 323566	64.12 4.25 0.00	71.73 4.32 -1.56	78.21 4.18 0.00	65.39 3.34 0.00	75.69 3.91 0.00	63.76 3.46 0.00	58.47 3.15 0.00	9.40 0.54 0.00	11.98 0.78 0.00	21.33 1.50 0.00	77.09 6.40 0.00	68.16 5.72 0.00	102.31 7.15 -16.60	144.87 12.02 -0.02	150.79 12.53 0.00	169.47 12.38 0.00	166.43 12.00 0.00	203.67 14.16 0.00	168.24 12.76 -7.08	162.32 12.17 -13.37	149.95 12.15 0.00	115.69 9.53 0.00	134.32 10.62 0.00	114.95 8.74 0.00
FENNER___WINDPWR 24204	61.01 1.14 0.00	67.53 1.49 -0.19	75.60 1.58 0.00	63.44 1.38 0.00	73.44 1.66 0.00	61.97 1.67 0.00	57.00 1.68 0.00	9.16 0.30 0.00	11.63 0.42 0.00	20.57 0.74 0.00	73.24 2.55 0.00	64.61 2.17 0.00	82.91 2.38 -1.98	136.79 3.96 0.00	142.60 4.35 0.00	162.33 5.24 0.00	159.34 4.91 0.00	194.96 5.45 0.00	153.51 4.27 -0.84	142.09 3.72 -1.59	141.33 3.52 0.00	108.90 2.75 0.00	126.82 3.12 0.00	108.82 2.61 0.00
FIBERTEK___ENERGY 23856	60.34 0.47 0.00	66.51 0.49 -0.16	74.48 0.45 0.00	62.49 0.43 0.00	72.36 0.58 0.00	61.10 0.79 0.00	56.16 0.84 0.00	9.02 0.17 0.00	11.46 0.25 0.00	20.27 0.44 0.00	72.01 1.31 0.00	63.55 1.12 0.00	80.26 0.02 -1.68	132.46 -0.36 0.00	138.24 -0.02 0.00	157.25 0.16 0.00	154.14 -0.30 0.00	188.86 -0.65 0.00	148.48 -0.63 -0.72	137.36 -0.77 -1.36	136.90 -0.90 0.00	105.48 -0.68 0.00	122.97 -0.73 0.00	105.63 -0.58 0.00
FITZPATRICK____ 23598	58.02 -1.85 0.00	63.83 -2.11 -0.08	71.52 -2.50 0.00	60.10 -1.96 0.00	69.39 -2.40 0.00	58.55 -1.75 0.00	53.74 -1.57 0.00	8.62 -0.23 0.00	10.93 -0.27 0.00	19.33 -0.50 0.00	68.73 -1.96 0.00	60.78 -1.66 0.00	77.27 -2.28 -0.99	128.60 -4.23 0.00	134.06 -4.19 0.00	152.47 -4.62 0.00	149.55 -4.88 0.00	183.28 -6.24 0.00	143.89 -4.93 -0.42	132.86 -4.71 -0.80	132.99 -4.82 0.00	102.49 -3.67 0.00	119.50 -4.21 0.00	102.65 -3.56 0.00
FLOWRFLD_69_KV_BK1 356044	65.76 5.89 0.00	73.56 6.15 -1.56	80.42 6.40 0.00	67.33 5.28 0.00	77.87 6.09 0.00	65.49 5.18 0.00	60.21 4.89 0.00	20.62 0.93 -10.84	99.08 1.27 -86.59	32.52 2.28 -10.41	235.55 8.91 -155.94	166.24 7.91 -95.88	116.17 9.96 -27.65	155.00 16.65 -5.52	160.74 17.44 -5.05	165.94 17.54 8.69	163.92 17.07 7.58	197.34 17.56 9.73	161.68 16.78 3.50	160.81 16.33 -7.70	156.71 16.61 -2.29	142.56 12.77 -23.64	146.30 14.30 -8.30	120.87 12.01 -2.66
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	64.51 4.64 0.00	72.28 4.89 -1.55	79.05 5.03 0.00	66.10 4.04 0.00	76.56 4.78 0.00	64.44 4.13 0.00	59.11 3.80 0.00	9.50 0.65 0.00	12.10 0.90 0.00	21.48 1.66 0.00	77.14 6.45 0.00	68.10 5.66 0.00	102.37 7.17 -16.65	145.12 12.27 -0.02	151.14 12.88 0.00	170.47 13.38 0.00	167.24 12.81 0.00	205.24 15.72 0.00	168.95 13.46 -7.10	162.75 12.56 -13.41	150.32 12.52 0.00	115.89 9.74 0.00	134.48 10.78 0.00	115.16 8.95 0.00
FORT ORANGE____ 23900	62.90 3.03 0.00	71.06 3.33 -1.87	77.51 3.49 0.00	64.92 2.87 0.00	75.16 3.38 0.00	63.16 2.85 0.00	57.65 2.33 0.00	9.18 0.32 0.00	11.63 0.42 0.00	20.57 0.74 0.00	73.36 2.67 0.00	64.50 2.06 0.00	101.52 2.82 -20.14	138.04 5.18 -0.03	143.55 5.29 0.00	162.07 4.98 0.00	158.84 4.41 0.00	196.36 6.85 0.00	162.79 5.80 -8.59	158.34 5.34 -16.22	142.83 5.02 0.00	110.42 4.26 0.00	129.07 5.37 0.00	110.57 4.36 0.00
FORT_DRUM_COGEN 23780	60.65 0.78 0.00	67.30 1.37 -0.08	75.64 1.62 0.00	63.60 1.54 0.00	73.73 1.95 0.00	62.09 1.79 0.00	57.10 1.78 0.00	9.19 0.33 0.00	11.65 0.44 0.00	20.54 0.71 0.00	73.21 2.51 0.00	64.50 2.06 0.00	81.79 2.41 -0.82	137.18 4.35 0.00	143.02 4.77 0.00	163.45 6.35 0.00	161.36 6.93 0.00	198.94 9.43 0.00	155.67 6.92 -0.35	143.11 5.67 -0.66	143.45 5.65 0.00	110.39 4.23 0.00	127.90 4.20 0.00	110.10 3.88 0.00
FOX_HILLS___ESR 323835	67.10 4.67 -2.56	72.22 4.81 -1.56	78.70 4.68 0.00	65.80 3.74 0.00	76.11 4.33 0.00	64.15 3.85 0.00	61.85 3.63 -2.90	9.46 0.61 0.00	12.06 0.85 0.00	29.83 1.65 -8.34	365.37 7.10 -287.58	119.39 6.27 -50.67	127.68 7.69 -41.43	145.44 12.59 -0.02	151.37 13.11 0.00	170.06 12.97 0.00	167.03 12.60 0.00	204.62 15.09 -0.02	202.63 13.71 -40.52	333.02 13.42 -182.83	175.91 13.03 -25.08	157.47 10.28 -41.03	197.34 11.41 -62.22	121.38 9.39 -5.78
FPL FAR_ROCK_GT1 24212	65.62 5.70 -0.04	73.38 5.93 -1.60	80.22 6.18 -0.02	67.10 5.04 0.00	77.63 5.84 -0.01	65.32 5.00 -0.01	60.00 4.65 -0.03	34.64 0.87 -24.91	79.70 1.20 -67.29	41.62 2.14 -19.66	392.75 8.60 -313.45	302.88 7.61 -232.84	366.67 9.41 -278.69	375.71 15.39 -227.49	373.65 15.28 -220.12	359.34 15.44 -186.80	328.81 15.24 -159.14	342.69 16.97 -136.21	327.56 15.74 -163.42	334.86 15.45 -182.63	384.13 15.43 -230.90	527.69 11.99 -409.55	321.02 14.13 -183.19	228.17 12.11 -109.85

FPL FAR_ROCK_GT2 23815	65.62 5.70 -0.04	73.38 5.93 -1.60	80.22 6.18 -0.02	67.10 5.04 0.00	77.63 5.84 -0.01	65.32 5.00 -0.01	60.00 4.65 -0.03	34.64 0.87 -24.91	79.70 1.20 -67.29	41.62 2.14 -19.66	392.75 8.60 -313.45	302.88 7.61 -232.84	366.67 9.41 -278.69	375.71 15.39 -227.49	373.65 15.28 -220.12	359.34 15.44 -186.80	328.81 15.24 -159.14	342.69 16.97 -136.21	327.56 15.74 -163.42	334.86 15.45 -182.63	384.13 15.43 -230.90	527.69 11.99 -409.55	321.02 14.13 -183.19	228.17 12.11 -109.85
FRANKLIN_FALL_HYD 24054	59.05 -0.82 0.00	65.13 -0.72 0.00	73.70 -0.32 0.00	61.74 -0.31 0.00	71.38 -0.41 0.00	59.38 -0.92 0.00	54.48 -0.84 0.00	8.72 -0.14 0.00	10.90 -0.31 0.00	19.29 -0.54 0.00	69.09 -1.61 0.00	61.00 -1.44 0.00	77.02 -1.54 0.00	131.15 -1.68 0.00	136.05 -2.20 0.00	156.46 -0.63 0.00	154.97 0.53 0.00	190.18 0.66 0.00	148.31 -0.09 0.00	136.53 -0.24 0.00	137.74 -0.06 0.00	106.11 -0.05 0.00	124.10 0.40 0.00	107.39 1.18 0.00
FREEPORT_EQUS_GT1 23764	65.21 5.32 -0.01	72.93 5.50 -1.57	79.71 5.68 0.00	66.70 4.65 0.00	77.15 5.36 0.00	64.88 4.57 0.00	59.60 4.27 -0.01	24.37 0.81 -14.70	81.43 1.13 -69.09	34.39 2.01 -12.55	268.87 8.12 -190.06	198.37 7.23 -128.69	195.92 9.01 -108.35	225.05 15.35 -76.87	228.57 16.13 -74.19	227.12 15.87 -54.15	216.07 15.64 -46.01	243.93 17.24 -37.18	214.58 16.02 -50.16	215.82 15.11 -63.93	228.80 15.22 -75.78	265.89 12.04 -147.69	201.54 13.31 -64.52	155.14 11.34 -37.58
FREEPORT___CT2 23818	65.21 5.32 -0.01	72.93 5.50 -1.57	79.71 5.68 0.00	66.70 4.65 0.00	77.15 5.36 0.00	64.88 4.57 0.00	59.60 4.27 -0.01	24.37 0.81 -14.70	81.43 1.13 -69.09	34.39 2.01 -12.55	268.87 8.12 -190.06	198.37 7.23 -128.69	195.92 9.01 -108.35	225.05 15.35 -76.87	228.57 16.13 -74.19	227.12 15.87 -54.15	216.07 15.64 -46.01	243.93 17.24 -37.18	214.58 16.02 -50.16	215.82 15.11 -63.93	228.80 15.22 -75.78	265.89 12.04 -147.69	201.54 13.31 -64.52	155.14 11.34 -37.58
FRESHKLS_33_KV_LOAD 356253	67.14 4.71 -2.56	72.23 4.81 -1.56	78.69 4.67 0.00	65.80 3.74 0.00	76.09 4.31 0.00	64.14 3.84 0.00	61.88 3.66 -2.90	9.46 0.61 0.00	12.05 0.84 0.00	29.81 1.64 -8.34	365.34 7.07 -287.58	119.33 6.21 -50.67	127.57 7.59 -41.43	145.13 12.28 -0.02	151.07 12.82 0.00	169.76 12.67 0.00	166.81 12.38 0.00	204.40 14.87 -0.02	202.46 13.54 -40.52	333.00 13.39 -182.83	175.80 12.92 -25.08	157.36 10.17 -41.03	197.18 11.25 -62.22	121.20 9.22 -5.78
FULTON COGEN____ 23766	58.85 -1.02 0.00	64.75 -1.22 -0.12	72.38 -1.64 0.00	60.83 -1.23 0.00	70.23 -1.55 0.00	59.31 -1.00 0.00	54.47 -0.85 0.00	8.74 -0.11 0.00	11.10 -0.11 0.00	19.62 -0.21 0.00	69.80 -0.90 0.00	61.74 -0.70 0.00	78.70 -1.17 -1.31	130.45 -2.38 0.00	136.24 -2.01 0.00	154.92 -2.17 0.00	151.97 -2.46 0.00	186.35 -3.16 0.00	146.46 -2.50 -0.56	135.33 -2.50 -1.06	135.18 -2.62 0.00	104.12 -2.03 0.00	121.25 -2.45 0.00	104.13 -2.08 0.00
FULTON___LFGE 323630	63.45 3.58 0.00	71.76 3.80 -2.10	78.32 4.30 0.00	65.78 3.72 0.00	76.10 4.32 0.00	64.08 3.77 0.00	58.93 3.61 0.00	9.48 0.63 0.00	12.00 0.79 0.00	21.09 1.26 0.00	74.97 4.27 0.00	66.09 3.65 0.00	105.75 4.58 -22.61	140.58 7.72 -0.03	147.23 8.98 0.00	168.61 11.51 0.00	166.17 11.74 0.00	204.01 14.49 0.00	169.18 11.14 -9.64	165.11 10.12 -18.21	148.01 10.21 0.00	113.55 7.39 0.00	132.09 8.39 0.00	113.27 7.06 0.00
G.F.CEMENT___DRP 24184	64.45 4.57 0.00	72.68 4.88 -1.95	79.31 5.29 0.00	66.23 4.17 0.00	76.62 4.83 0.00	64.22 3.92 0.00	58.65 3.33 0.00	9.37 0.52 0.00	11.89 0.68 0.00	20.95 1.12 0.00	74.77 4.07 0.00	66.14 3.70 0.00	104.51 5.03 -20.92	141.29 8.43 -0.03	147.55 9.30 0.00	167.90 10.80 0.00	165.17 10.73 0.00	203.65 14.14 0.00	168.49 11.17 -8.92	163.58 9.95 -16.85	149.27 11.47 0.00	115.27 9.11 0.00	133.83 10.13 0.00	114.44 8.23 0.00
GARDENVILLE___LBMP 24039	56.84 -3.03 0.00	63.04 -3.07 -0.26	70.62 -3.41 0.00	59.20 -2.85 0.00	68.86 -2.93 0.00	57.92 -2.38 0.00	53.41 -1.92 0.00	8.55 -0.30 0.00	10.89 -0.32 0.00	19.14 -0.69 0.00	67.24 -3.46 0.00	59.35 -3.09 0.00	77.24 -4.04 -2.72	125.29 -7.55 0.00	131.15 -7.11 0.00	151.18 -5.91 0.00	145.80 -8.63 0.00	176.95 -12.56 0.00	138.30 -11.26 -1.16	127.39 -11.58 -2.20	126.55 -11.25 0.00	97.87 -8.28 0.00	115.33 -8.38 0.00	100.00 -6.21 0.00
GARDNVLA_35_KV_LD 355827	57.02 -2.85 0.00	63.23 -2.89 -0.26	70.81 -3.21 0.00	59.37 -2.68 0.00	69.04 -2.74 0.00	58.09 -2.21 0.00	53.57 -1.75 0.00	8.58 -0.27 0.00	10.92 -0.29 0.00	19.20 -0.62 0.00	67.48 -3.22 0.00	59.60 -2.84 0.00	77.58 -3.72 -2.75	125.79 -7.04 0.00	131.69 -6.57 0.00	151.81 -5.28 0.00	146.38 -8.05 0.00	177.70 -11.82 0.00	138.85 -10.72 -1.17	127.92 -11.07 -2.21	127.02 -10.78 0.00	98.19 -7.96 0.00	115.72 -7.98 0.00	100.34 -5.87 0.00
GELCKHM___115KV_LOAD 80723	59.58 -0.30 0.00	65.64 -0.36 -0.14	73.49 -0.53 0.00	61.70 -0.36 0.00	71.37 -0.42 0.00	60.23 -0.07 0.00	55.35 0.02 0.00	8.89 0.03 0.00	11.29 0.08 0.00	19.95 0.13 0.00	70.92 0.22 0.00	62.64 0.20 0.00	79.47 -0.59 -1.50	131.46 -1.36 0.00	137.15 -1.10 0.00	155.99 -1.10 0.00	152.92 -1.51 0.00	187.38 -2.13 0.00	147.29 -1.75 -0.64	136.19 -1.80 -1.21	135.90 -1.90 0.00	104.71 -1.45 0.00	122.03 -1.67 0.00	104.82 -1.39 0.00
GENERAL___MILLS 23808	56.94 -2.93 0.00	63.15 -2.96 -0.26	70.72 -3.30 0.00	59.30 -2.75 0.00	68.97 -2.81 0.00	58.03 -2.27 0.00	53.50 -1.81 0.00	8.57 -0.28 0.00	10.90 -0.30 0.00	19.18 -0.65 0.00	67.38 -3.32 0.00	59.49 -2.94 0.00	77.44 -3.86 -2.74	125.56 -7.27 0.00	131.47 -6.79 0.00	151.54 -5.56 0.00	146.10 -8.33 0.00	177.33 -12.18 0.00	138.59 -10.98 -1.17	127.67 -11.31 -2.21	126.83 -10.98 0.00	98.06 -8.10 0.00	115.54 -8.16 0.00	100.20 -6.01 0.00
GE_PLASTICS___DRP 24183	62.47 2.60 0.00	70.55 2.82 -1.87	76.95 2.93 0.00	64.46 2.40 0.00	74.62 2.83 0.00	62.70 2.40 0.00	57.39 2.07 0.00	9.17 0.32 0.00	11.64 0.43 0.00	20.60 0.77 0.00	73.44 2.74 0.00	64.68 2.24 0.00	101.70 3.02 -20.12	138.18 5.33 -0.03	143.70 5.45 0.00	162.37 5.28 0.00	159.19 4.76 0.00	196.24 6.72 0.00	162.77 5.79 -8.58	158.36 5.37 -16.21	142.98 5.18 0.00	110.49 4.33 0.00	128.85 5.15 0.00	110.45 4.23 0.00
GILBOA___1 23756	62.23 2.36 0.00	70.10 2.76 -1.49	77.09 3.07 0.00	64.56 2.51 0.00	74.71 2.93 0.00	62.61 2.31 0.00	57.23 1.91 0.00	9.18 0.32 0.00	11.65 0.45 0.00	20.63 0.81 0.00	73.75 3.05 0.00	65.10 2.66 0.00	97.89 3.35 -15.98	138.53 5.69 -0.02	144.24 5.98 0.00	163.13 6.03 0.00	159.94 5.51 0.00	196.11 6.60 0.00	160.98 5.76 -6.81	155.38 5.73 -12.87	143.49 5.69 0.00	110.69 4.54 0.00	128.79 5.09 0.00	110.44 4.23 0.00
GILBOA___2 23757	62.23 2.36 0.00	70.10 2.76 -1.49	77.09 3.07 0.00	64.56 2.51 0.00	74.71 2.93 0.00	62.61 2.31 0.00	57.23 1.91 0.00	9.18 0.32 0.00	11.65 0.45 0.00	20.63 0.81 0.00	73.75 3.05 0.00	65.10 2.66 0.00	97.89 3.35 -15.98	138.53 5.69 -0.02	144.24 5.98 0.00	163.13 6.03 0.00	159.94 5.51 0.00	196.11 6.60 0.00	160.98 5.76 -6.81	155.38 5.73 -12.87	143.49 5.69 0.00	110.69 4.54 0.00	128.79 5.09 0.00	110.44 4.23 0.00

GILBOA___3 23758	62.23 2.36 0.00	70.10 2.76 -1.49	77.09 3.07 0.00	64.56 2.51 0.00	74.71 2.93 0.00	62.61 2.31 0.00	57.23 1.91 0.00	9.18 0.32 0.00	11.65 0.45 0.00	20.63 0.81 0.00	73.75 3.05 0.00	65.10 2.66 0.00	97.89 3.35 -15.98	138.53 5.69 -0.02	144.24 5.98 0.00	163.13 6.03 0.00	159.94 5.51 0.00	196.11 6.60 0.00	160.98 5.76 -6.81	155.38 5.73 -12.87	143.49 5.69 0.00	110.69 4.54 0.00	128.79 5.09 0.00	110.44 4.23 0.00
GILBOA___4 23759	62.23 2.36 0.00	70.10 2.76 -1.49	77.09 3.07 0.00	64.56 2.51 0.00	74.71 2.93 0.00	62.61 2.31 0.00	57.23 1.91 0.00	9.18 0.32 0.00	11.65 0.45 0.00	20.63 0.81 0.00	73.75 3.05 0.00	65.10 2.66 0.00	97.89 3.35 -15.98	138.53 5.69 -0.02	144.24 5.98 0.00	163.13 6.03 0.00	159.94 5.51 0.00	196.11 6.60 0.00	160.98 5.76 -6.81	155.38 5.73 -12.87	143.49 5.69 0.00	110.69 4.54 0.00	128.79 5.09 0.00	110.44 4.23 0.00
GILBOA___ 23599	62.23 2.36 0.00	70.10 2.76 -1.49	77.09 3.07 0.00	64.55 2.50 0.00	74.71 2.93 0.00	62.61 2.31 0.00	57.23 1.91 0.00	9.17 0.32 0.00	11.65 0.44 0.00	20.63 0.80 0.00	73.75 3.06 0.00	65.10 2.65 0.00	97.88 3.34 -15.98	138.55 5.70 -0.02	144.24 5.98 0.00	163.13 6.03 0.00	159.94 5.51 0.00	196.11 6.60 0.00	160.98 5.77 -6.81	155.38 5.73 -12.87	143.49 5.69 0.00	110.70 4.54 0.00	128.79 5.08 0.00	110.43 4.22 0.00
GINNA___ 23603	56.18 -3.69 0.00	62.05 -3.99 -0.19	69.42 -4.60 0.00	58.31 -3.75 0.00	67.59 -4.19 0.00	57.00 -3.31 0.00	52.48 -2.83 0.00	8.42 -0.43 0.00	10.70 -0.51 0.00	18.88 -0.94 0.00	66.81 -3.88 0.00	59.00 -3.45 0.00	75.95 -4.56 -1.95	124.72 -8.11 0.00	130.37 -7.88 0.00	149.14 -7.95 0.00	145.28 -9.15 0.00	177.27 -12.25 0.00	138.77 -10.46 -0.83	127.85 -10.49 -1.57	127.25 -10.55 0.00	98.03 -8.12 0.00	114.76 -8.94 0.00	98.91 -7.30 0.00
GLEN PARK___ 23778	60.97 1.10 0.00	67.66 1.72 -0.08	76.02 2.00 0.00	63.91 1.85 0.00	74.10 2.32 0.00	62.43 2.13 0.00	57.46 2.14 0.00	9.26 0.40 0.00	11.74 0.53 0.00	20.67 0.84 0.00	73.66 2.97 0.00	64.89 2.44 0.00	82.30 2.89 -0.85	137.98 5.15 0.00	143.98 5.72 0.00	164.63 7.54 0.00	162.60 8.17 0.00	200.54 11.02 0.00	156.95 8.18 -0.36	144.26 6.79 -0.69	144.56 6.75 0.00	111.18 5.03 0.00	128.79 5.09 0.00	110.78 4.57 0.00
GLENDALE_27_KV_LOAD 356172	64.54 4.67 0.00	72.21 4.80 -1.56	78.72 4.70 0.00	65.80 3.74 0.00	76.14 4.35 0.00	64.13 3.82 0.00	58.86 3.54 0.00	9.46 0.61 0.00	12.06 0.86 0.00	21.49 1.66 0.00	77.77 7.07 0.00	68.74 6.30 0.00	103.00 7.84 -16.60	145.96 13.11 -0.02	151.86 13.60 0.00	170.79 13.70 0.00	167.72 13.29 0.00	205.17 15.66 0.00	169.54 14.06 -7.08	163.64 13.49 -13.37	151.16 13.36 0.00	116.65 10.49 0.00	135.37 11.67 0.00	115.79 9.58 0.00
GLENWOOD_IC_1_G5 23712	64.78 4.90 -0.01	72.51 5.09 -1.57	79.18 5.15 0.00	66.22 4.16 0.00	76.64 4.86 0.00	64.50 4.19 0.00	59.22 3.90 -0.01	19.53 0.70 -9.97	59.24 0.98 -47.05	30.15 1.80 -8.51	205.12 7.39 -127.04	156.35 6.54 -87.37	163.69 8.19 -76.94	195.76 13.83 -49.10	199.99 14.46 -47.28	201.35 14.57 -29.69	192.73 13.15 -25.15	223.59 15.16 -18.92	191.44 13.77 -29.27	191.90 13.08 -42.05	198.62 13.64 -47.18	216.53 10.97 -99.41	178.39 12.05 -42.64	140.35 10.15 -23.99
GLENWOOD_IC_2_G1 23688	64.46 4.59 0.00	72.18 4.77 -1.56	78.82 4.79 0.00	65.91 3.86 0.00	76.29 4.50 0.00	64.20 3.89 0.00	58.92 3.60 0.00	13.75 0.65 -4.25	29.70 0.90 -17.59	25.04 1.66 -3.55	127.54 6.88 -49.96	106.52 6.10 -37.98	130.59 7.63 -44.40	166.06 12.90 -20.33	171.15 13.50 -19.40	174.98 13.54 -4.35	171.01 13.05 -3.54	204.64 15.13 0.00	169.65 13.62 -7.63	169.11 12.96 -19.37	168.40 13.05 -17.54	165.71 10.18 -49.38	154.85 11.18 -19.97	125.46 9.39 -9.86
GLENWOOD_IC_3_G1 23689	64.46 4.59 0.00	72.18 4.77 -1.56	78.82 4.79 0.00	65.91 3.86 0.00	76.29 4.50 0.00	64.20 3.89 0.00	58.92 3.60 0.00	13.75 0.65 -4.25	29.70 0.90 -17.59	25.04 1.66 -3.55	127.54 6.88 -49.96	106.52 6.10 -37.98	130.59 7.63 -44.40	166.06 12.90 -20.33	171.15 13.50 -19.40	174.98 13.54 -4.35	171.01 13.05 -3.54	204.64 15.13 0.00	169.65 13.62 -7.63	169.11 12.96 -19.37	168.40 13.05 -17.54	165.71 10.18 -49.38	154.85 11.18 -19.97	125.46 9.39 -9.86
GLENWOOD___4 23550	64.78 4.90 -0.01	72.51 5.09 -1.57	79.18 5.15 0.00	66.22 4.16 0.00	76.64 4.86 0.00	64.50 4.19 0.00	59.22 3.90 -0.01	19.53 0.70 -9.97	59.24 0.98 -47.05	30.15 1.80 -8.51	205.12 7.39 -127.04	156.35 6.54 -87.37	163.69 8.19 -76.94	195.76 13.83 -49.10	199.99 14.46 -47.28	201.39 14.60 -29.69	193.13 13.55 -25.15	224.01 15.58 -18.92	191.79 14.12 -29.27	192.22 13.40 -42.05	198.76 13.78 -47.18	216.53 10.97 -99.41	178.39 12.05 -42.64	140.35 10.15 -23.99
GLENWOOD___5 23614	64.78 4.90 -0.01	72.51 5.09 -1.57	79.18 5.15 0.00	66.22 4.16 0.00	76.64 4.86 0.00	64.50 4.19 0.00	59.22 3.90 -0.01	19.53 0.70 -9.97	59.24 0.98 -47.05	30.15 1.80 -8.51	205.12 7.39 -127.04	156.35 6.54 -87.37	163.69 8.19 -76.94	195.76 13.83 -49.10	199.99 14.46 -47.28	201.39 14.60 -29.69	193.13 13.55 -25.15	224.01 15.58 -18.92	191.79 14.12 -29.27	192.22 13.40 -42.05	198.76 13.78 -47.18	216.53 10.97 -99.41	178.39 12.05 -42.64	140.35 10.15 -23.99
GLOBAL GREEN_PORT_GT1 23814	66.29 6.42 0.00	74.43 7.02 -1.56	81.31 7.28 0.00	68.69 6.63 0.00	79.53 7.75 0.00	67.17 6.86 0.00	61.90 6.58 0.00	20.86 1.18 -10.82	99.60 1.54 -86.85	33.15 2.91 -10.40	237.12 10.53 -155.90	167.26 9.07 -95.76	118.54 12.95 -27.04	159.23 21.43 -4.98	165.34 22.56 -4.53	170.94 23.01 9.17	166.42 19.99 7.99	196.70 17.28 10.09	164.69 20.20 3.91	163.49 19.44 -7.27	159.81 20.28 -1.73	142.51 13.67 -22.69	145.72 14.15 -7.87	119.88 11.28 -2.39
GLOBE___DSASP 323697	55.22 -4.65 0.00	61.16 -4.94 -0.24	68.39 -5.63 0.00	57.39 -4.66 0.00	66.78 -5.01 0.00	56.17 -4.14 0.00	51.75 -3.57 0.00	8.27 -0.59 0.00	10.52 -0.69 0.00	18.48 -1.35 0.00	64.77 -5.93 0.00	57.16 -5.28 0.00	74.39 -6.70 -2.53	120.71 -12.12 0.00	126.41 -11.84 0.00	146.02 -11.08 0.00	140.32 -14.11 0.00	170.12 -19.39 0.00	132.52 -16.96 -1.08	121.87 -16.94 -2.04	121.21 -16.59 0.00	93.79 -12.37 0.00	110.82 -12.89 0.00	97.07 -9.14 0.00
GOETHSLN___LBMP 323567	63.76 3.89 0.00	71.29 3.88 -1.56	77.73 3.71 0.00	64.99 2.93 0.00	75.21 3.43 0.00	63.38 3.08 0.00	58.12 2.80 0.00	9.34 0.48 0.00	11.91 0.70 0.00	21.21 1.38 0.00	76.65 5.95 0.00	67.78 5.34 0.00	101.82 6.66 -16.60	143.97 11.12 -0.02	149.82 11.56 0.00	168.39 11.29 0.00	165.38 10.94 0.00	202.44 12.92 0.00	167.28 11.80 -7.08	161.39 11.24 -13.37	149.06 11.26 0.00	114.97 8.81 0.00	133.45 9.74 0.00	114.21 8.00 0.00
GOLAH___69_KV_TB 1_2 80279	58.64 -1.23 0.00	64.77 -1.28 -0.19	72.46 -1.56 0.00	60.82 -1.23 0.00	70.59 -1.19 0.00	59.51 -0.79 0.00	54.82 -0.50 0.00	8.79 -0.06 0.00	11.18 -0.03 0.00	19.69 -0.14 0.00	69.42 -1.28 0.00	61.31 -1.13 0.00	78.95 -1.65 -2.05	129.63 -3.19 0.00	135.63 -2.62 0.00	155.59 -1.50 0.00	151.10 -3.33 0.00	184.41 -5.11 0.00	144.15 -5.13 -0.87	132.67 -5.76 -1.65	132.12 -5.68 0.00	101.85 -4.31 0.00	119.45 -4.25 0.00	103.16 -3.05 0.00

GOODYEAR_LAKE_HYD 323669	62.26 2.38 0.00	68.86 2.53 -0.48	76.92 2.89 0.00	64.58 2.52 0.00	74.75 2.97 0.00	62.87 2.56 0.00	57.83 2.51 0.00	9.31 0.45 0.00	11.85 0.64 0.00	20.98 1.16 0.00	74.96 4.26 0.00	66.31 3.87 0.00	88.23 4.55 -5.12	140.20 7.37 -0.01	146.05 7.80 0.00	165.85 8.76 0.00	162.95 8.51 0.00	199.19 9.68 0.00	158.42 7.84 -2.18	148.19 7.28 -4.13	144.90 7.10 0.00	111.59 5.43 0.00	129.75 6.04 0.00	111.23 5.02 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	60.27 0.40 0.00	66.90 0.54 -0.50	74.56 0.54 0.00	62.38 0.32 0.00	72.31 0.53 0.00	60.86 0.55 0.00	55.90 0.58 0.00	8.98 0.13 0.00	11.42 0.21 0.00	20.19 0.36 0.00	71.91 1.21 0.00	63.60 1.16 0.00	84.81 0.96 -5.29	134.09 1.26 -0.01	139.79 1.54 0.00	158.90 1.81 0.00	155.41 0.98 0.00	189.62 0.10 0.00	151.11 0.46 -2.25	141.59 0.55 -4.26	138.32 0.52 0.00	106.70 0.55 0.00	124.45 0.74 0.00	106.92 0.71 0.00
GOUDEY___7 23579	60.27 0.40 0.00	66.90 0.54 -0.50	74.56 0.54 0.00	62.38 0.32 0.00	72.31 0.53 0.00	60.86 0.55 0.00	55.90 0.58 0.00	8.98 0.13 0.00	11.42 0.21 0.00	20.19 0.36 0.00	71.91 1.21 0.00	63.60 1.16 0.00	84.81 0.96 -5.29	134.09 1.26 -0.01	139.79 1.54 0.00	158.90 1.81 0.00	155.41 0.98 0.00	189.62 0.10 0.00	151.11 0.46 -2.25	141.59 0.55 -4.26	138.32 0.52 0.00	106.70 0.55 0.00	124.45 0.74 0.00	106.92 0.71 0.00
GOUDEY___8 23580	60.27 0.40 0.00	66.90 0.54 -0.50	74.56 0.54 0.00	62.38 0.32 0.00	72.31 0.53 0.00	60.86 0.55 0.00	55.90 0.58 0.00	8.98 0.13 0.00	11.42 0.21 0.00	20.19 0.36 0.00	71.91 1.21 0.00	63.60 1.16 0.00	84.81 0.96 -5.29	134.09 1.26 -0.01	139.79 1.54 0.00	158.90 1.81 0.00	155.41 0.98 0.00	189.62 0.10 0.00	151.11 0.46 -2.25	141.59 0.55 -4.26	138.32 0.52 0.00	106.70 0.55 0.00	124.45 0.74 0.00	106.92 0.71 0.00
GOWANUS_GT1_1 24077	67.19 4.75 -2.56	72.30 4.89 -1.56	78.81 4.79 0.00	65.89 3.84 0.00	76.22 4.43 0.00	64.23 3.92 0.00	61.90 3.68 -2.90	9.48 0.62 0.00	12.08 0.87 0.00	29.86 1.69 -8.34	365.49 7.21 -287.58	119.52 6.41 -50.67	127.90 7.92 -41.43	145.92 13.07 -0.02	151.86 13.60 0.00	170.70 13.61 0.00	167.65 13.21 0.00	205.24 15.71 -0.02	203.10 14.18 -40.52	333.34 13.73 -182.83	176.35 13.46 -25.08	157.79 10.61 -41.03	197.71 11.78 -62.22	121.69 9.71 -5.78
GOWANUS_GT1_2 24078	67.19 4.75 -2.56	72.30 4.89 -1.56	78.81 4.79 0.00	65.89 3.84 0.00	76.22 4.43 0.00	64.23 3.92 0.00	61.90 3.68 -2.90	9.48 0.62 0.00	12.08 0.87 0.00	29.86 1.69 -8.34	365.49 7.21 -287.58	119.52 6.41 -50.67	127.90 7.92 -41.43	145.92 13.07 -0.02	151.86 13.60 0.00	170.70 13.61 0.00	167.65 13.21 0.00	205.24 15.71 -0.02	203.10 14.18 -40.52	333.34 13.73 -182.83	176.35 13.46 -25.08	157.79 10.61 -41.03	197.71 11.78 -62.22	121.69 9.71 -5.78
GOWANUS_GT1_3 24079	67.19 4.75 -2.56	72.30 4.89 -1.56	78.81 4.79 0.00	65.89 3.84 0.00	76.22 4.43 0.00	64.23 3.92 0.00	61.90 3.68 -2.90	9.48 0.62 0.00	12.08 0.87 0.00	29.86 1.69 -8.34	365.49 7.21 -287.58	119.52 6.41 -50.67	127.90 7.92 -41.43	145.92 13.07 -0.02	151.86 13.60 0.00	170.70 13.61 0.00	167.65 13.21 0.00	205.24 15.71 -0.02	203.10 14.18 -40.52	333.34 13.73 -182.83	176.35 13.46 -25.08	157.79 10.61 -41.03	197.71 11.78 -62.22	121.69 9.71 -5.78
GOWANUS_GT1_4 24080	67.19 4.75 -2.56	72.30 4.89 -1.56	78.81 4.79 0.00	65.89 3.84 0.00	76.22 4.43 0.00	64.23 3.92 0.00	61.90 3.68 -2.90	9.48 0.62 0.00	12.08 0.87 0.00	29.86 1.69 -8.34	365.49 7.21 -287.58	119.52 6.41 -50.67	127.90 7.92 -41.43	145.92 13.07 -0.02	151.86 13.60 0.00	170.70 13.61 0.00	167.65 13.21 0.00	205.24 15.71 -0.02	203.10 14.18 -40.52	333.34 13.73 -182.83	176.35 13.46 -25.08	157.79 10.61 -41.03	197.71 11.78 -62.22	121.69 9.71 -5.78
GOWANUS_GT1_5 24084	67.19 4.75 -2.56	72.30 4.89 -1.56	78.81 4.79 0.00	65.89 3.84 0.00	76.22 4.43 0.00	64.23 3.92 0.00	61.90 3.68 -2.90	9.48 0.62 0.00	12.08 0.87 0.00	29.86 1.69 -8.34	365.49 7.21 -287.58	119.52 6.41 -50.67	127.90 7.92 -41.43	145.92 13.07 -0.02	151.86 13.60 0.00	170.70 13.61 0.00	167.65 13.21 0.00	205.24 15.71 -0.02	203.10 14.18 -40.52	333.34 13.73 -182.83	176.35 13.46 -25.08	157.79 10.61 -41.03	197.71 11.78 -62.22	121.69 9.71 -5.78
GOWANUS_GT1_6 24111	67.19 4.75 -2.56	72.30 4.89 -1.56	78.81 4.79 0.00	65.89 3.84 0.00	76.22 4.43 0.00	64.23 3.92 0.00	61.90 3.68 -2.90	9.48 0.62 0.00	12.08 0.87 0.00	29.86 1.69 -8.34	365.49 7.21 -287.58	119.52 6.41 -50.67	127.90 7.92 -41.43	145.92 13.07 -0.02	151.86 13.60 0.00	170.70 13.61 0.00	167.65 13.21 0.00	205.24 15.71 -0.02	203.10 14.18 -40.52	333.34 13.73 -182.83	176.35 13.46 -25.08	157.79 10.61 -41.03	197.71 11.78 -62.22	121.69 9.71 -5.78
GOWANUS_GT1_7 24112	67.19 4.75 -2.56	72.30 4.89 -1.56	78.81 4.79 0.00	65.89 3.84 0.00	76.22 4.43 0.00	64.23 3.92 0.00	61.90 3.68 -2.90	9.48 0.62 0.00	12.08 0.87 0.00	29.86 1.69 -8.34	365.49 7.21 -287.58	119.52 6.41 -50.67	127.90 7.92 -41.43	145.92 13.07 -0.02	151.86 13.60 0.00	170.70 13.61 0.00	167.65 13.21 0.00	205.24 15.71 -0.02	203.10 14.18 -40.52	333.34 13.73 -182.83	176.35 13.46 -25.08	157.79 10.61 -41.03	197.71 11.78 -62.22	121.69 9.71 -5.78
GOWANUS_GT1_8 24113	67.19 4.75 -2.56	72.30 4.89 -1.56	78.81 4.79 0.00	65.89 3.84 0.00	76.22 4.43 0.00	64.23 3.92 0.00	61.90 3.68 -2.90	9.48 0.62 0.00	12.08 0.87 0.00	29.86 1.69 -8.34	365.49 7.21 -287.58	119.52 6.41 -50.67	127.90 7.92 -41.43	145.92 13.07 -0.02	151.86 13.60 0.00	170.70 13.61 0.00	167.65 13.21 0.00	205.24 15.71 -0.02	203.10 14.18 -40.52	333.34 13.73 -182.83	176.35 13.46 -25.08	157.79 10.61 -41.03	197.71 11.78 -62.22	121.69 9.71 -5.78
GOWANUS_GT2_1 24114	67.19 4.75 -2.56	72.31 4.89 -1.56	78.82 4.80 0.00	65.90 3.85 0.00	76.22 4.43 0.00	64.23 3.92 0.00	61.90 3.68 -2.90	9.47 0.62 0.00	12.08 0.87 0.00	29.86 1.69 -8.34	365.50 7.22 -287.58	119.52 6.41 -50.67	127.91 7.92 -41.43	145.92 13.07 -0.02	151.86 13.60 0.00	170.72 13.62 0.00	167.64 13.21 0.00	205.23 15.70 -0.02	203.07 14.15 -40.52	333.33 13.72 -182.83	176.34 13.45 -25.08	157.80 10.61 -41.03	197.70 11.77 -62.22	121.69 9.71 -5.78
GOWANUS_GT2_2 24115	67.19 4.75 -2.56	72.31 4.89 -1.56	78.82 4.80 0.00	65.90 3.85 0.00	76.22 4.43 0.00	64.23 3.92 0.00	61.90 3.68 -2.90	9.47 0.62 0.00	12.08 0.87 0.00	29.86 1.69 -8.34	365.50 7.22 -287.58	119.52 6.41 -50.67	127.91 7.92 -41.43	145.92 13.07 -0.02	151.86 13.60 0.00	170.72 13.62 0.00	167.64 13.21 0.00	205.23 15.70 -0.02	203.07 14.15 -40.52	333.33 13.72 -182.83	176.34 13.45 -25.08	157.80 10.61 -41.03	197.70 11.77 -62.22	121.69 9.71 -5.78
GOWANUS_GT2_3 24116	67.19 4.75 -2.56	72.31 4.89 -1.56	78.82 4.80 0.00	65.90 3.85 0.00	76.22 4.43 0.00	64.23 3.92 0.00	61.90 3.68 -2.90	9.47 0.62 0.00	12.08 0.87 0.00	29.86 1.69 -8.34	365.50 7.22 -287.58	119.52 6.41 -50.67	127.91 7.92 -41.43	145.92 13.07 -0.02	151.86 13.60 0.00	170.72 13.62 0.00	167.64 13.21 0.00	205.23 15.70 -0.02	203.07 14.15 -40.52	333.33 13.72 -182.83	176.34 13.45 -25.08	157.80 10.61 -41.03	197.70 11.77 -62.22	121.69 9.71 -5.78

GOWANUS_GT2_4 24117	67.19 4.75 -2.56	72.31 4.89 -1.56	78.82 4.80 0.00	65.90 3.85 0.00	76.22 4.43 0.00	64.23 3.92 0.00	61.90 3.68 -2.90	9.47 0.62 0.00	12.08 0.87 0.00	29.86 1.69 -8.34	365.50 7.22 -287.58	119.52 6.41 -50.67	127.91 7.92 -41.43	145.92 13.07 -0.02	151.86 13.60 0.00	170.72 13.62 0.00	167.64 13.21 0.00	205.23 15.70 -0.02	203.07 14.15 -40.52	333.33 13.72 -182.83	176.34 13.45 -25.08	157.80 10.61 -41.03	197.70 11.77 -62.22	121.69 9.71 -5.78
GOWANUS_GT2_5 24118	67.19 4.75 -2.56	72.31 4.89 -1.56	78.82 4.80 0.00	65.90 3.85 0.00	76.22 4.43 0.00	64.23 3.92 0.00	61.90 3.68 -2.90	9.47 0.62 0.00	12.08 0.87 0.00	29.86 1.69 -8.34	365.50 7.22 -287.58	119.52 6.41 -50.67	127.91 7.92 -41.43	145.92 13.07 -0.02	151.86 13.60 0.00	170.72 13.62 0.00	167.64 13.21 0.00	205.23 15.70 -0.02	203.07 14.15 -40.52	333.33 13.72 -182.83	176.34 13.45 -25.08	157.80 10.61 -41.03	197.70 11.77 -62.22	121.69 9.71 -5.78
GOWANUS_GT2_6 24119	67.19 4.75 -2.56	72.31 4.89 -1.56	78.82 4.80 0.00	65.90 3.85 0.00	76.22 4.43 0.00	64.23 3.92 0.00	61.90 3.68 -2.90	9.47 0.62 0.00	12.08 0.87 0.00	29.86 1.69 -8.34	365.50 7.22 -287.58	119.52 6.41 -50.67	127.91 7.92 -41.43	145.92 13.07 -0.02	151.86 13.60 0.00	170.72 13.62 0.00	167.64 13.21 0.00	205.23 15.70 -0.02	203.07 14.15 -40.52	333.33 13.72 -182.83	176.34 13.45 -25.08	157.80 10.61 -41.03	197.70 11.77 -62.22	121.69 9.71 -5.78
GOWANUS_GT2_7 24120	67.19 4.75 -2.56	72.31 4.89 -1.56	78.82 4.80 0.00	65.90 3.85 0.00	76.22 4.43 0.00	64.23 3.92 0.00	61.90 3.68 -2.90	9.47 0.62 0.00	12.08 0.87 0.00	29.86 1.69 -8.34	365.50 7.22 -287.58	119.52 6.41 -50.67	127.91 7.92 -41.43	145.92 13.07 -0.02	151.86 13.60 0.00	170.72 13.62 0.00	167.64 13.21 0.00	205.23 15.70 -0.02	203.07 14.15 -40.52	333.33 13.72 -182.83	176.34 13.45 -25.08	157.80 10.61 -41.03	197.70 11.77 -62.22	121.69 9.71 -5.78
GOWANUS_GT2_8 24121	67.19 4.75 -2.56	72.31 4.89 -1.56	78.82 4.80 0.00	65.90 3.85 0.00	76.22 4.43 0.00	64.23 3.92 0.00	61.90 3.68 -2.90	9.47 0.62 0.00	12.08 0.87 0.00	29.86 1.69 -8.34	365.50 7.22 -287.58	119.52 6.41 -50.67	127.91 7.92 -41.43	145.92 13.07 -0.02	151.86 13.60 0.00	170.72 13.62 0.00	167.64 13.21 0.00	205.23 15.70 -0.02	203.07 14.15 -40.52	333.33 13.72 -182.83	176.34 13.45 -25.08	157.80 10.61 -41.03	197.70 11.77 -62.22	121.69 9.71 -5.78
GOWANUS_GT3_1 24122	67.19 4.75 -2.56	72.31 4.89 -1.56	78.82 4.80 0.00	65.90 3.85 0.00	76.22 4.43 0.00	64.23 3.92 0.00	61.90 3.68 -2.90	9.47 0.62 0.00	12.08 0.87 0.00	29.86 1.69 -8.34	365.50 7.22 -287.58	119.52 6.41 -50.67	127.91 7.92 -41.43	145.92 13.07 -0.02	151.86 13.60 0.00	170.72 13.62 0.00	167.64 13.21 0.00	205.23 15.70 -0.02	203.07 14.15 -40.52	333.33 13.72 -182.83	176.34 13.45 -25.08	157.80 10.61 -41.03	197.70 11.77 -62.22	121.69 9.71 -5.78
GOWANUS_GT3_2 24123	67.19 4.75 -2.56	72.31 4.89 -1.56	78.82 4.80 0.00	65.90 3.85 0.00	76.22 4.43 0.00	64.23 3.92 0.00	61.90 3.68 -2.90	9.47 0.62 0.00	12.08 0.87 0.00	29.86 1.69 -8.34	365.50 7.22 -287.58	119.52 6.41 -50.67	127.91 7.92 -41.43	145.92 13.07 -0.02	151.86 13.60 0.00	170.72 13.62 0.00	167.64 13.21 0.00	205.23 15.70 -0.02	203.07 14.15 -40.52	333.33 13.72 -182.83	176			

GOWANUS_GT4_3 24132	67.19 4.75 -2.56	72.30 4.89 -1.56	78.81 4.79 0.00	65.89 3.84 0.00	76.22 4.43 0.00	64.23 3.92 0.00	61.90 3.68 -2.90	9.48 0.62 0.00	12.08 0.87 0.00	29.86 1.69 -8.34	365.49 7.21 -287.58	119.52 6.41 -50.67	127.90 7.92 -41.43	145.92 13.07 -0.02	151.86 13.60 0.00	170.70 13.61 0.00	167.65 13.21 0.00	205.24 15.71 -0.02	203.10 14.18 -40.52	333.34 13.73 -182.83	176.35 13.46 -25.08	157.79 10.61 -41.03	197.71 11.78 -62.22	121.69 9.71 -5.78
GOWANUS_GT4_4 24133	67.19 4.75 -2.56	72.30 4.89 -1.56	78.81 4.79 0.00	65.89 3.84 0.00	76.22 4.43 0.00	64.23 3.92 0.00	61.90 3.68 -2.90	9.48 0.62 0.00	12.08 0.87 0.00	29.86 1.69 -8.34	365.49 7.21 -287.58	119.52 6.41 -50.67	127.90 7.92 -41.43	145.92 13.07 -0.02	151.86 13.60 0.00	170.70 13.61 0.00	167.65 13.21 0.00	205.24 15.71 -0.02	203.10 14.18 -40.52	333.34 13.73 -182.83	176.35 13.46 -25.08	157.79 10.61 -41.03	197.71 11.78 -62.22	121.69 9.71 -5.78
GOWANUS_GT4_5 24134	67.19 4.75 -2.56	72.30 4.89 -1.56	78.81 4.79 0.00	65.89 3.84 0.00	76.22 4.43 0.00	64.23 3.92 0.00	61.90 3.68 -2.90	9.48 0.62 0.00	12.08 0.87 0.00	29.86 1.69 -8.34	365.49 7.21 -287.58	119.52 6.41 -50.67	127.90 7.92 -41.43	145.92 13.07 -0.02	151.86 13.60 0.00	170.70 13.61 0.00	167.65 13.21 0.00	205.24 15.71 -0.02	203.10 14.18 -40.52	333.34 13.73 -182.83	176.35 13.46 -25.08	157.79 10.61 -41.03	197.71 11.78 -62.22	121.69 9.71 -5.78
GOWANUS_GT4_6 24135	67.19 4.75 -2.56	72.30 4.89 -1.56	78.81 4.79 0.00	65.89 3.84 0.00	76.22 4.43 0.00	64.23 3.92 0.00	61.90 3.68 -2.90	9.48 0.62 0.00	12.08 0.87 0.00	29.86 1.69 -8.34	365.49 7.21 -287.58	119.52 6.41 -50.67	127.90 7.92 -41.43	145.92 13.07 -0.02	151.86 13.60 0.00	170.70 13.61 0.00	167.65 13.21 0.00	205.24 15.71 -0.02	203.10 14.18 -40.52	333.34 13.73 -182.83	176.35 13.46 -25.08	157.79 10.61 -41.03	197.71 11.78 -62.22	121.69 9.71 -5.78
GOWANUS_GT4_7 24136	67.19 4.75 -2.56	72.30 4.89 -1.56	78.81 4.79 0.00	65.89 3.84 0.00	76.22 4.43 0.00	64.23 3.92 0.00	61.90 3.68 -2.90	9.48 0.62 0.00	12.08 0.87 0.00	29.86 1.69 -8.34	365.49 7.21 -287.58	119.52 6.41 -50.67	127.90 7.92 -41.43	145.92 13.07 -0.02	151.86 13.60 0.00	170.70 13.61 0.00	167.65 13.21 0.00	205.24 15.71 -0.02	203.10 14.18 -40.52	333.34 13.73 -182.83	176.35 13.46 -25.08	157.79 10.61 -41.03	197.71 11.78 -62.22	121.69 9.71 -5.78
GOWANUS_GT4_8 24137	67.19 4.75 -2.56	72.30 4.89 -1.56	78.81 4.79 0.00	65.89 3.84 0.00	76.22 4.43 0.00	64.23 3.92 0.00	61.90 3.68 -2.90	9.48 0.62 0.00	12.08 0.87 0.00	29.86 1.69 -8.34	365.49 7.21 -287.58	119.52 6.41 -50.67	127.90 7.92 -41.43	145.92 13.07 -0.02	151.86 13.60 0.00	170.70 13.61 0.00	167.65 13.21 0.00	205.24 15.71 -0.02	203.10 14.18 -40.52	333.34 13.73 -182.83	176.35 13.46 -25.08	157.79 10.61 -41.03	197.71 11.78 -62.22	121.69 9.71 -5.78
GREENBSH_115KV_TB3 55895	62.59 2.72 0.00	70.69 2.96 -1.88	77.08 3.06 0.00	64.58 2.52 0.00	74.74 2.96 0.00	62.82 2.51 0.00	57.48 2.16 0.00	9.17 0.32 0.00	11.63 0.43 0.00	20.60 0.76 0.00	73.30 2.61 0.00	64.52 2.08 0.00	101.65 2.87 -20.22	138.05 5.19 -0.03	143.41 5.16 0.00	161.87 4.78 0.00	158.60 4.17 0.00	196.02 6.51 0.00	162.67 5.64 -8.62	158.27 5.20 -16.29	142.70 4.90 0.00	110.39 4.24 0.00	128.94 5.24 0.00	110.49 4.28 0.00
GREENDGE_115KV_TB5 80291	59.65 -0.22 0.00	66.15 -0.01 -0.31	74.07 0.05 0.00	61.97 -0.08 0.00	71.99 0.20 0.00	60.70 0.40 0.00	55.98 0.66 0.00	9.01 0.16 0.00	11.47 0.26 0.00	20.24 0.41 0.00	71.29 0.59 0.00	63.30 0.86 0.00	82.19 0.38 -3.25	133.25 0.42 0.00	139.06 0.81 0.00	158.78 1.69 0.00	154.25 -0.18 0.00	186.14 -3.37 0.00	146.84 -2.95 -1.38	136.45 -2.94 -2.62	135.61 -2.19 0.00	104.55 -1.61 0.00	122.03 -1.68 0.00	105.10 -1.12 0.00
GREENIDGE___3 23582	59.65 -0.22 0.00	66.15 -0.01 -0.31	74.07 0.05 0.00	61.97 -0.08 0.00	71.99 0.20 0.00	60.70 0.40 0.00	55.98 0.66 0.00	9.01 0.16 0.00	11.47 0.26 0.00	20.24 0.41 0.00	71.29 0.59 0.00	63.30 0.86 0.00	82.19 0.38 -3.25	133.25 0.42 0.00	139.06 0.81 0.00	158.78 1.69 0.00	154.25 -0.18 0.00	186.14 -3.37 0.00	146.84 -2.95 -1.38	136.45 -2.94 -2.62	135.61 -2.19 0.00	104.55 -1.61 0.00	122.03 -1.68 0.00	105.10 -1.12 0.00
GREENIDGE___4 23583	59.65 -0.22 0.00	66.14 -0.03 0.00	74.07 0.05 0.00	61.97 -0.09 0.00	71.98 0.20 0.00	60.70 0.40 0.00	55.97 0.66 0.00	9.01 0.16 0.00	11.47 0.26 0.00	20.24 0.41 0.00	71.30 0.60 0.00	63.30 0.86 0.00	82.19 0.39 -3.25	133.22 0.38 0.00	139.06 0.81 0.00	158.73 1.64 0.00	154.23 -0.20 0.00	186.13 -3.39 0.00	146.86 -2.92 -1.38	136.44 -2.96 -2.62	135.61 -2.20 0.00	104.55 -1.61 0.00	122.03 -1.68 0.00	105.09 -1.12 0.00
GREENLWN_69_KV_BK 3 55738	65.07 5.20 0.00	72.83 5.43 -1.56	79.62 5.60 0.00	66.66 4.60 0.00	77.07 5.29 0.00	64.80 4.49 0.00	59.50 4.18 0.00	20.54 0.81 -10.87	97.94 1.12 -85.61	32.23 2.00 -10.40	234.30 7.80 -155.80	165.37 6.84 -96.10	116.68 8.55 -29.57	154.32 14.28 -7.21	159.52 14.58 -6.69	164.10 14.21 7.20	162.10 13.98 6.31	195.60 14.71 8.62	160.54 14.37 2.23	159.54 13.73 -9.03	155.99 14.15 -4.04	143.95 11.22 -26.58	145.77 12.44 -9.63	120.35 10.65 -3.49
GREENWD_138_KV_38B11_REV_LBMP_J 345004	67.19 4.75 -2.56	72.30 4.89 -1.56	78.81 4.79 0.00	65.89 3.84 0.00	76.22 4.43 0.00	64.23 3.92 0.00	61.90 3.68 -2.90	9.48 0.62 0.00	12.08 0.87 0.00	29.86 1.69 -8.34	365.49 7.21 -287.58	119.52 6.41 -50.67	127.90 7.92 -41.43	145.92 13.07 -0.02	151.86 13.60 0.00	170.70 13.61 0.00	167.65 13.21 0.00	205.24 15.71 -0.02	203.10 14.18 -40.52	333.34 13.73 -182.83	176.35 13.46 -25.08	157.79 10.61 -41.03	197.71 11.78 -62.22	121.69 9.71 -5.78
GRISSOM___SOLAR 323813	63.48 3.61 0.00	71.79 3.85 -2.08	78.33 4.31 0.00	65.75 3.69 0.00	76.08 4.29 0.00	64.04 3.74 0.00	58.86 3.54 0.00	9.46 0.61 0.00	11.97 0.76 0.00	21.00 1.18 0.00	74.69 3.99 0.00	65.75 3.31 0.00	105.19 4.23 -22.40	140.19 7.33 -0.03	146.89 8.64 0.00	168.24 11.15 0.00	165.83 11.40 0.00	203.75 14.23 0.00	168.95 11.00 -9.55	164.83 10.01 -18.05	147.88 10.08 0.00	113.56 7.41 0.00	132.09 8.39 0.00	113.25 7.04 0.00
GROVEVILLE___HYD 323602	64.51 4.64 0.00	72.28 4.89 -1.55	79.05 5.03 0.00	66.10 4.04 0.00	76.56 4.78 0.00	64.44 4.13 0.00	59.11 3.80 0.00	9.50 0.65 0.00	12.10 0.90 0.00	21.48 1.66 0.00	77.14 6.45 0.00	68.10 5.66 0.00	102.37 7.17 -16.65	145.12 12.27 -0.02	151.14 12.88 0.00	170.47 13.38 0.00	167.24 12.81 0.00	205.24 15.72 0.00	168.95 13.46 -7.10	162.75 12.56 -13.41	150.32 12.52 0.00	115.89 9.74 0.00	134.48 10.78 0.00	115.16 8.95 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	60.34 0.47 0.00	66.51 0.49 -0.16	74.48 0.45 0.00	62.49 0.43 0.00	72.36 0.58 0.00	61.10 0.79 0.00	56.16 0.84 0.00	9.02 0.17 0.00	11.46 0.25 0.00	20.27 0.44 0.00	72.01 1.31 0.00	63.55 1.12 0.00	80.26 0.02 -1.68	132.46 -0.36 0.00	138.24 -0.02 0.00	157.25 0.16 0.00	154.14 -0.30 0.00	188.86 -0.65 0.00	148.48 -0.63 -0.72	137.36 -0.77 -1.36	136.90 -0.90 0.00	105.48 -0.68 0.00	122.97 -0.73 0.00	105.63 -0.58 0.00

HAMLTNNY_34_KV_TB 80303	60.83 0.95 0.00	67.04 1.01 -0.17	75.11 1.08 0.00	62.99 0.94 0.00	73.09 1.30 0.00	61.71 1.41 0.00	56.77 1.45 0.00	9.13 0.27 0.00	11.60 0.39 0.00	20.50 0.67 0.00	72.74 2.04 0.00	64.15 1.71 0.00	80.49 0.13 -1.79	132.66 -0.17 0.00	138.47 0.21 0.00	157.62 0.52 0.00	154.41 -0.03 0.00	189.18 -0.33 0.00	148.61 -0.55 -0.76	137.54 -0.68 -1.44	137.03 -0.77 0.00	105.56 -0.60 0.00	123.15 -0.55 0.00	105.80 -0.42 0.00
HAMPSHIRE___PAPER_HYD 323593	59.32 -0.55 0.00	65.61 -0.28 -0.04	73.99 -0.03 0.00	62.10 0.05 0.00	71.82 0.03 0.00	59.89 -0.41 0.00	54.58 -0.74 0.00	8.75 -0.11 0.00	11.01 -0.20 0.00	19.39 -0.44 0.00	69.44 -1.25 0.00	61.19 -1.25 0.00	77.48 -1.50 -0.42	131.29 -1.54 0.00	135.86 -2.39 0.00	155.69 -1.40 0.00	153.85 -0.59 0.00	189.33 -0.19 0.00	147.83 -0.75 -0.18	135.98 -1.14 -0.34	136.84 -0.96 0.00	105.99 -0.17 0.00	123.78 0.08 0.00	107.00 0.79 0.00
HARDSCRABBLE_WT_PWR 323673	61.54 1.67 0.00	67.44 1.58 0.00	75.63 1.61 0.00	63.58 1.53 0.00	73.85 2.06 0.00	62.21 1.91 0.00	57.27 1.95 0.00	9.20 0.34 0.00	11.68 0.47 0.00	20.60 0.78 0.00	73.63 2.93 0.00	64.87 2.43 0.00	81.69 3.14 0.00	138.28 5.46 0.00	144.49 6.24 0.00	163.61 6.52 0.00	160.56 6.13 0.00	197.60 8.08 0.00	155.69 7.29 0.00	143.34 6.57 0.00	143.51 5.71 0.00	110.49 4.33 0.00	128.89 5.18 0.00	109.91 3.70 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	63.60 3.73 0.00	71.18 3.91 -1.42	78.19 4.17 0.00	65.39 3.34 0.00	75.69 3.91 0.00	63.72 3.41 0.00	58.46 3.14 0.00	9.40 0.54 0.00	11.97 0.75 0.00	21.24 1.41 0.00	76.53 5.84 0.00	67.63 5.20 0.00	100.57 6.46 -15.55	143.71 10.87 -0.02	149.63 11.37 0.00	168.59 11.49 0.00	165.49 11.06 0.00	203.00 13.48 0.00	166.68 11.65 -6.63	160.32 11.02 -12.53	148.69 10.89 0.00	114.67 8.52 0.00	133.11 9.40 0.00	113.95 7.74 0.00
HARSNRAD_115KV_TB1 81005	55.64 -4.23 0.00	61.62 -4.47 -0.24	69.00 -5.02 0.00	57.90 -4.15 0.00	67.35 -4.44 0.00	56.65 -3.66 0.00	52.22 -3.10 0.00	8.35 -0.50 0.00	10.63 -0.58 0.00	18.63 -1.19 0.00	65.33 -5.37 0.00	57.68 -4.76 0.00	74.92 -6.12 -2.48	121.77 -11.07 0.00	127.47 -10.79 0.00	147.18 -9.91 0.00	141.55 -12.88 0.00	171.72 -17.80 0.00	133.86 -15.60 -1.06	123.01 -15.69 -1.92	122.44 -15.34 0.02	94.75 -11.41 0.00	111.83 -11.88 0.00	97.16 -9.04 0.00
HARZA MOOSE___RIVER 24016	61.01 1.14 0.00	67.47 1.56 -0.05	75.90 1.88 0.00	63.70 1.65 0.00	73.85 2.06 0.00	62.12 1.82 0.00	57.06 1.74 0.00	9.17 0.31 0.00	11.62 0.41 0.00	20.54 0.71 0.00	73.20 2.50 0.00	64.55 2.11 0.00	81.57 2.48 -0.53	137.18 4.35 0.00	142.78 4.52 0.00	162.58 5.49 0.00	160.09 5.66 0.00	196.88 7.36 0.00	154.16 5.53 -0.23	141.84 4.64 -0.43	142.40 4.60 0.00	109.75 3.59 0.00	127.50 3.79 0.00	109.58 3.37 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	59.43 -0.44 0.00	65.48 -0.53 -0.15	73.28 -0.74 0.00	61.53 -0.52 0.00	71.14 -0.65 0.00	60.02 -0.29 0.00	55.13 -0.19 0.00	8.85 0.00 0.00	11.24 0.03 0.00	19.88 0.05 0.00	70.68 -0.01 0.00	62.42 -0.02 0.00	79.51 -0.57 -1.52	131.52 -1.31 0.00	137.19 -1.07 0.00	156.03 -1.06 0.00	152.93 -1.50 0.00	187.36 -2.15 0.00	147.31 -1.73 -0.65	136.24 -1.76 -1.22	135.93 -1.87 0.00	104.74 -1.41 0.00	122.04 -1.66 0.00	104.83 -1.38 0.00
HELLGATE_13_KV_LD 55870	64.26 4.39 0.00	71.88 4.47 -1.56	78.37 4.35 0.00	65.52 3.46 0.00	75.81 4.02 0.00	63.85 3.55 0.00	58.61 3.29 0.00	9.42 0.57 0.00	12.01 0.80 0.00	21.40 1.57 0.00	77.44 6.74 0.00	68.44 6.00 0.00	102.61 7.45 -16.60	145.30 12.45 -0.02	151.14 12.89 0.00	169.95 12.85 0.00	166.89 12.46 0.00	204.09 14.57 0.00	168.74 13.26 -7.08	162.91 12.76 -13.37	150.40 12.60 0.00	116.09 9.93 0.00	134.73 11.03 0.00	115.26 9.05 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	64.26 4.39 0.00	71.88 4.47 -1.56	78.37 4.35 0.00	65.52 3.46 0.00	75.81 4.02 0.00	63.85 3.55 0.00	58.61 3.29 0.00	9.42 0.57 0.00	12.01 0.80 0.00	21.40 1.57 0.00	77.44 6.74 0.00	68.44 6.00 0.00	102.61 7.45 -16.60	145.30 12.45 -0.02	151.14 12.89 0.00	169.95 12.85 0.00	166.89 12.46 0.00	204.09 14.57 0.00	168.74 13.26 -7.08	162.91 12.76 -13.37	150.40 12.60 0.00	116.09 9.93 0.00	134.73 11.03 0.00	115.26 9.05 0.00
HEMPSTEAD____ 23647	64.81 4.93 -0.01	72.52 5.10 -1.57	79.24 5.21 0.00	66.29 4.23 0.00	76.67 4.89 0.00	64.50 4.19 0.00	59.25 3.92 -0.01	21.85 0.74 -12.26	72.76 1.03 -60.52	32.23 1.84 -10.56	235.84 7.56 -157.58	174.79 6.74 -105.60	171.83 8.44 -84.84	203.29 14.37 -56.09	207.36 15.07 -54.04	208.02 15.08 -35.84	199.39 14.56 -30.39	229.21 16.19 -23.51	197.92 15.00 -34.52	198.51 14.19 -47.55	206.55 14.38 -54.37	228.95 11.25 -111.54	184.24 12.39 -48.14	144.29 10.51 -27.57
HEWLETT_69_KV_BK3 55828	65.34 5.42 -0.04	73.12 5.66 -1.60	79.91 5.87 -0.02	66.83 4.78 0.00	77.31 5.52 -0.01	65.06 4.74 -0.01	59.77 4.41 -0.03	34.60 0.83 -24.91	79.64 1.14 -67.29	41.54 2.05 -19.66	392.40 8.25 -313.45	302.58 7.30 -232.84	366.29 9.03 -278.69	375.20 14.88 -227.49	373.41 15.04 -220.12	359.19 15.29 -186.80	328.62 15.05 -159.14	342.63 16.91 -136.21	327.35 15.53 -163.42	334.43 15.02 -182.63	383.70 15.00 -230.90	527.41 11.70 -409.55	320.35 13.46 -183.19	227.66 11.60 -109.85
HICKLING___1 23621	59.23 -0.65 0.00	65.92 -0.33 -0.40	73.79 -0.23 0.00	61.53 -0.53 0.00	71.54 -0.24 0.00	60.25 -0.05 0.00	55.48 0.16 0.00	8.94 0.08 0.00	11.37 0.16 0.00	20.03 0.20 0.00	71.02 0.33 0.00	62.97 0.53 0.00	82.74 0.03 -4.15	132.52 -0.31 -0.01	138.17 -0.08 0.00	157.65 0.56 0.00	153.62 -0.81 0.00	186.45 -3.06 0.00	148.09 -2.08 -1.77	138.34 -1.78 -3.34	136.09 -1.72 0.00	105.02 -1.14 0.00	122.70 -1.00 0.00	105.72 -0.49 0.00
HICKLING___2 23622	59.23 -0.65 0.00	65.92 -0.33 -0.40	73.79 -0.23 0.00	61.53 -0.53 0.00	71.54 -0.24 0.00	60.25 -0.05 0.00	55.48 0.16 0.00	8.94 0.08 0.00	11.37 0.16 0.00	20.03 0.20 0.00	71.02 0.33 0.00	62.97 0.53 0.00	82.74 0.03 -4.15	132.52 -0.31 -0.01	138.17 -0.08 0.00	157.65 0.56 0.00	153.62 -0.81 0.00	186.45 -3.06 0.00	148.09 -2.08 -1.77	138.34 -1.78 -3.34	136.09 -1.72 0.00	105.02 -1.14 0.00	122.70 -1.00 0.00	105.72 -0.49 0.00
HIGH FALLS___HY 23754	64.28 4.41 0.00	72.03 4.64 -1.54	78.89 4.86 0.00	65.94 3.88 0.00	76.36 4.58 0.00	64.26 3.96 0.00	59.00 3.68 0.00	9.50 0.65 0.00	12.12 0.91 0.00	21.54 1.71 0.00	77.43 6.73 0.00	68.41 5.97 0.00	102.57 7.45 -16.57	145.51 12.66 -0.02	151.59 13.33 0.00	171.05 13.95 0.00	167.93 13.50 0.00	205.80 16.29 0.00	169.33 13.86 -7.06	163.15 13.03 -13.34	150.76 12.96 0.00	116.13 9.97 0.00	134.57 10.87 0.00	115.15 8.94 0.00
HIGH_RIVER___SOLAR 323847	62.68 2.81 0.00	70.90 3.03 -2.01	77.31 3.29 0.00	64.82 2.76 0.00	75.00 3.21 0.00	63.05 2.75 0.00	57.82 2.50 0.00	9.28 0.42 0.00	11.76 0.55 0.00	20.74 0.92 0.00	73.94 3.24 0.00	65.30 2.86 0.00	103.64 3.41 -21.67	138.64 5.79 -0.03	144.81 6.56 0.00	164.90 7.80 0.00	162.26 7.83 0.00	199.36 9.85 0.00	165.49 7.85 -9.24	161.46 7.23 -17.45	145.18 7.38 0.00	111.82 5.66 0.00	130.06 6.36 0.00	111.52 5.31 0.00

HILLBURN___GT 23639	63.35 3.48 0.00	70.93 3.65 -1.43	77.95 3.93 0.00	65.19 3.14 0.00	75.43 3.64 0.00	63.49 3.18 0.00	58.28 2.96 0.00	9.36 0.51 0.00	11.92 0.71 0.00	21.18 1.35 0.00	76.41 5.72 0.00	67.56 5.11 0.00	100.66 6.34 -15.76	143.45 10.60 -0.02	149.25 10.99 0.00	168.01 10.91 0.00	164.91 10.48 0.00	202.34 12.82 0.00	166.35 11.23 -6.72	160.18 10.71 -12.69	148.42 10.61 0.00	114.46 8.30 0.00	132.83 9.13 0.00	113.75 7.54 0.00
HILLSIDE_115KV_TB1 80332	58.84 -1.03 0.00	65.49 -0.78 -0.41	73.14 -0.89 0.00	60.93 -1.13 0.00	70.84 -0.94 0.00	59.62 -0.68 0.00	54.82 -0.50 0.00	8.82 -0.03 0.00	11.23 0.02 0.00	19.81 -0.02 0.00	70.33 -0.37 0.00	62.40 -0.03 0.00	82.08 -0.77 -4.30	131.03 -1.80 -0.01	136.63 -1.62 0.00	155.55 -1.54 0.00	151.59 -2.84 0.00	183.94 -5.57 0.00	146.48 -3.75 -1.83	137.12 -3.12 -3.46	134.73 -3.07 0.00	104.02 -2.14 0.00	121.45 -2.26 0.00	104.56 -1.65 0.00
HISHELDN_WT_PWR 323625	56.74 -3.13 0.00	63.13 -3.01 -0.28	70.85 -3.17 0.00	59.36 -2.69 0.00	69.07 -2.72 0.00	58.11 -2.19 0.00	53.60 -1.72 0.00	8.60 -0.26 0.00	10.93 -0.28 0.00	19.24 -0.59 0.00	67.68 -3.02 0.00	59.73 -2.71 0.00	77.86 -3.64 -2.94	126.08 -6.75 0.00	131.79 -6.47 0.00	151.73 -5.36 0.00	146.74 -7.69 0.00	178.01 -11.50 0.00	139.75 -9.91 -1.25	129.00 -10.14 -2.37	127.90 -9.90 0.00	98.92 -7.24 0.00	116.33 -7.38 0.00	100.77 -5.44 0.00
HOLTSVILLE_IC_1 23690	65.38 5.52 0.00	73.16 5.75 -1.56	80.02 6.00 0.00	67.00 4.94 0.00	77.49 5.71 0.00	65.15 4.85 0.00	59.87 4.55 0.00	20.54 0.87 -10.81	99.36 1.20 -86.95	32.38 2.15 -10.40	235.06 8.52 -155.84	165.67 7.55 -95.68	114.79 9.47 -26.76	153.55 15.99 -4.74	159.47 16.93 -4.29	164.66 16.95 9.38	162.82 16.56 8.17	196.37 17.10 10.25	160.78 16.47 4.09	159.60 15.74 -7.08	155.13 15.85 -1.48	140.47 12.04 -22.27	144.77 13.39 -7.68	119.71 11.23 -2.27
HOLTSVILLE_IC_10 23699	65.72 5.85 0.00	73.53 6.12 -1.56	80.39 6.37 0.00	67.32 5.26 0.00	77.85 6.07 0.00	65.47 5.17 0.00	60.19 4.87 0.00	20.63 0.92 -10.85	99.04 1.28 -86.56	32.51 2.27 -10.42	235.72 8.95 -156.07	166.37 7.94 -96.00	116.44 9.99 -27.89	155.36 16.81 -5.73	161.34 17.83 -5.26	166.57 17.98 8.51	164.58 17.57 7.42	198.16 18.25 9.60	162.49 17.43 3.34	161.31 16.66 -7.87	157.14 16.83 -2.51	142.92 12.76 -24.00	146.39 14.22 -8.47	120.87 11.90 -2.76
HOLTSVILLE_IC_2 23691	65.38 5.52 0.00	73.16 5.75 -1.56	80.02 6.00 0.00	67.00 4.94 0.00	77.49 5.71 0.00	65.15 4.85 0.00	59.87 4.55 0.00	20.54 0.87 -10.81	99.36 1.20 -86.95	32.38 2.15 -10.40	235.06 8.52 -155.84	165.67 7.55 -95.68	114.79 9.47 -26.76	153.55 15.99 -4.74	159.47 16.93 -4.29	164.66 16.95 9.38	162.82 16.56 8.17	196.37 17.10 10.25	160.78 16.47 4.09	159.60 15.74 -7.08	155.13 15.85 -1.48	140.47 12.04 -22.27	144.77 13.39 -7.68	119.71 11.23 -2.27
HOLTSVILLE_IC_3 23692	65.38 5.52 0.00	73.16 5.75 -1.56	80.02 6.00 0.00	67.00 4.94 0.00	77.49 5.71 0.00	65.15 4.85 0.00	59.87 4.55 0.00	20.54 0.87 -10.81	99.36 1.20 -86.95	32.38 2.15 -10.40	235.06 8.52 -155.84	165.67 7.55 -95.68	114.79 9.47 -26.76	153.55 15.99 -4.74	159.47 16.93 -4.29	164.66 16.95 9.38	162.82 16.56 8.17	196.37 17.10 10.25	160.78 16.47 4.09	159.60 15.74 -7.08	155.13 15.85 -1.48	140.47 12.04 -22.27	144.77 13.39 -7.68	119.71 11.23 -2.27
HOLTSVILLE_IC_4 23693	65.38 5.52 0.00	73.16 5.75 -1.56	80.02 6.00 0.00	67.00 4.94 0.00	77.49 5.71 0.00	65.15 4.85 0.00	59.87 4.55 0.00	20.54 0.87 -10.81	99.36 1.20 -86.95	32.38 2.15 -10.40	235.06 8.52 -155.84	165.67 7.55 -95.68	114.79 9.47 -26.76	153.55 15.99 -4.74	159.47 16.93 -4.29	164.66 16.95 9.38	162.82 16.56 8.17	196.37 17.10 10.25	160.78 16.47 4.09	159.60 15.74 -7.08	155.13 15.85 -1.48	140.47 12.04 -22.27	144.77 13.39 -7.68	119.71 11.23 -2.27
HOLTSVILLE_IC_5 23694	65.38 5.52 0.00	73.16 5.75 -1.56	80.02 6.00 0.00	67.00 4.94 0.00	77.49 5.71 0.00	65.15 4.85 0.00	59.87 4.55 0.00	20.54 0.87 -10.81	99.36 1.20 -86.95	32.38 2.15 -10.40	235.06 8.52 -155.84	165.67 7.55 -95.68	114.79 9.47 -26.76	153.55 15.99 -4.74	159.47 16.93 -4.29	164.66 16.95 9.38	162.82 16.56 8.17	196.37 17.10 10.25	160.78 16.47 4.09	159.60 15.74 -7.08	155.13 15.85 -1.48	140.47 12.04 -22.27	144.77 13.39 -7.68	119.71 11.23 -2.27
HOLTSVILLE_IC_6 23695	65.72 5.85 0.00	73.53 6.12 -1.56	80.39 6.37 0.00	67.32 5.26 0.00	77.85 6.07 0.00	65.47 5.17 0.00	60.19 4.87 0.00	20.63 0.92 -10.85	99.04 1.28 -86.56	32.51 2.27 -10.42	235.72 8.95 -156.07	166.37 7.94 -96.00	116.44 9.99 -27.89	155.36 16.81 -5.73	161.34 17.83 -5.26	166.57 17.98 8.51	164.58 17.57 7.42	198.16 18.25 9.60	162.49 17.43 3.34	161.31 16.66 -7.87	157.14 16.83 -2.51	142.92 12.76 -24.00	146.39 14.22 -8.47	120.87 11.90 -2.76
HOLTSVILLE_IC_7 23696	65.72 5.85 0.00	73.53 6.12 -1.56	80.39 6.37 0.00	67.32 5.26 0.00	77.85 6.07 0.00	65.47 5.17 0.00	60.19 4.87 0.00	20.63 0.92 -10.85	99.04 1.28 -86.56	32.51 2.27 -10.42	235.72 8.95 -156.07	166.37 7.94 -96.00	116.44 9.99 -27.89	155.36 16.81 -5.73	161.34 17.83 -5.26	166.57 17.98 8.51	164.58 17.57 7.42	198.16 18.25 9.60	162.49 17.43 3.34	161.31 16.66 -7.87	157.14 16.83 -2.51	142.92 12.76 -24.00	146.39 14.22 -8.47	120.87 11.90 -2.76
HOLTSVILLE_IC_8 23697	65.72 5.85 0.00	73.53 6.12 -1.56	80.39 6.37 0.00	67.32 5.26 0.00	77.85 6.07 0.00	65.47 5.17 0.00	60.19 4.87 0.00	20.63 0.92 -10.85	99.04 1.28 -86.56	32.51 2.27 -10.42	235.72 8.95 -156.07	166.37 7.94 -96.00	116.44 9.99 -27.89	155.36 16.81 -5.73	161.34 17.83 -5.26	166.57 17.98 8.51	164.58 17.57 7.42	198.16 18.25 9.60	162.49 17.43 3.34	161.31 16.66 -7.87	157.14 16.83 -2.51	142.92 12.76 -24.00	146.39 14.22 -8.47	120.87 11.90 -2.76
HOLTSVILLE_IC_9 23698	65.72 5.85 0.00	73.53 6.12 -1.56	80.39 6.37 0.00	67.32 5.26 0.00	77.85 6.07 0.00	65.47 5.17 0.00	60.19 4.87 0.00	20.63 0.92 -10.85	99.04 1.28 -86.56	32.51 2.27 -10.42	235.72 8.95 -156.07	166.37 7.94 -96.00	116.44 9.99 -27.89	155.36 16.81 -5.73	161.34 17.83 -5.26	166.57 17.98 8.51	164.58 17.57 7.42	198.16 18.25 9.60	162.49 17.43 3.34	161.31 16.66 -7.87	157.14 16.83 -2.51	142.92 12.76 -24.00	146.39 14.22 -8.47	120.87 11.90 -2.76
HOMER_HL_115KV_TB2 355744	58.30 -1.58 0.00	64.71 -1.44 -0.30	72.47 -1.55 0.00	60.59 -1.46 0.00	70.52 -1.26 0.00	59.39 -0.92 0.00	54.52 -0.80 0.00	8.74 -0.12 0.00	11.11 -0.09 0.00	19.64 -0.19 0.00	69.46 -1.23 0.00	60.98 -1.47 0.00	79.09 -2.58 -3.11	128.02 -4.82 0.00	133.85 -4.40 0.00	152.74 -4.36 0.00	148.66 -5.78 0.00	179.97 -9.55 0.00	141.83 -7.90 -1.32	131.46 -7.82 -2.50	130.62 -7.18 0.00	101.56 -4.60 0.00	119.67 -4.03 0.00	103.53 -2.68 0.00
HOWARD_WT_PWR 323690	57.85 -2.02 0.00	64.77 -1.42 -0.33	72.92 -1.10 0.00	60.97 -1.09 0.00	71.15 -0.64 0.00	59.96 -0.34 0.00	55.50 0.17 0.00	8.96 0.10 0.00	11.43 0.22 0.00	20.08 0.25 0.00	70.70 0.00 0.00	62.37 -0.08 0.00	81.64 -0.37 -3.45	132.50 -0.33 0.00	137.31 -0.94 0.00	158.20 1.11 0.00	153.63 -0.80 0.00	186.82 -2.69 0.00	147.47 -2.41 -1.47	137.01 -2.55 -2.78	135.58 -2.23 0.00	104.43 -1.73 0.00	121.98 -1.72 0.00	105.40 -0.81 0.00

HQ_GEN_CEDARS 23644	58.76 -1.11 0.00	64.71 -1.15 0.00	73.09 -0.93 0.00	61.28 -0.78 0.00	70.86 -0.93 0.00	59.03 -1.27 0.00	54.06 -1.26 0.00	8.62 -0.23 0.00	10.75 -0.46 0.00	18.81 -1.02 0.00	67.26 -3.44 0.00	59.34 -3.10 0.00	75.03 -3.52 0.00	128.77 -4.06 0.00	132.16 -6.10 0.00	153.41 -3.68 0.00	151.76 -2.67 0.00	186.17 -3.35 0.00	144.91 -3.49 0.00	133.49 -3.28 0.00	134.82 -2.99 0.00	103.98 -2.17 0.00	121.65 -2.05 0.00	105.07 -1.14 0.00
HQ_GEN_CEDARS_PROXY 323590	58.76 -1.11 0.00	64.70 -1.15 0.00	73.09 -0.93 0.00	61.28 -0.77 0.00	70.85 -0.93 0.00	59.03 -1.27 0.00	54.06 -1.26 0.00	8.62 -0.23 0.00	10.75 -0.46 0.00	18.81 -1.02 0.00	67.25 -3.45 0.00	29.87 -3.10 29.47	75.03 -3.52 0.00	128.77 -4.06 0.00	132.17 -6.08 0.00	153.42 -3.68 0.00	151.76 -2.67 0.00	186.17 -3.35 0.00	144.90 -3.50 0.00	133.50 -3.28 0.00	134.81 -2.99 0.00	103.98 -2.18 0.00	121.65 -2.05 0.00	105.07 -1.14 0.00
HQ_GEN_IMPORT 323601	58.64 -1.24 0.00	64.55 -1.31 0.00	67.66 -1.18 5.19	61.05 -1.01 0.00	70.65 -1.14 0.00	59.09 -1.22 0.00	54.24 -1.08 0.00	8.65 -0.20 0.00	10.88 -0.33 0.00	19.23 -0.59 0.00	65.57 -2.12 3.01	60.56 -1.88 0.00	76.34 -2.22 0.00	129.42 -3.41 0.00	134.38 -3.88 0.00	153.50 -3.60 0.00	151.64 -2.79 0.00	186.12 -3.39 0.00	143.78 -3.23 1.39	132.95 -2.98 0.85	134.98 -2.82 0.00	103.81 -2.35 0.00	121.15 -2.55 0.00	104.21 -2.00 0.00
HQ_GEN_WHEEL 23651	58.64 -1.24 0.00	64.55 -1.31 0.00	67.66 -1.18 5.19	61.05 -1.01 0.00	70.65 -1.14 0.00	59.09 -1.22 0.00	54.24 -1.08 0.00	8.65 -0.20 0.00	10.88 -0.33 0.00	19.23 -0.59 0.00	65.57 -2.12 3.01	60.56 -1.88 0.00	76.34 -2.22 0.00	129.42 -3.41 0.00	134.38 -3.88 0.00	153.50 -3.60 0.00	151.64 -2.79 0.00	186.12 -3.39 0.00	143.78 -3.23 1.39	132.95 -2.98 0.85	134.98 -2.82 0.00	103.81 -2.35 0.00	121.15 -2.55 0.00	104.21 -2.00 0.00
HUDSON AVE_GT_3 23810	64.22 4.34 0.00	71.84 4.42 -1.56	78.33 4.31 0.00	65.49 3.43 0.00	75.80 4.02 0.00	63.85 3.54 0.00	58.56 3.24 0.00	9.41 0.55 0.00	12.00 0.80 0.00	21.37 1.54 0.00	77.23 6.54 0.00	68.29 5.85 0.00	102.46 7.30 -16.60	145.14 12.30 -0.02	151.08 12.82 0.00	169.84 12.75 0.00	166.80 12.37 0.00	204.12 14.60 0.00	168.57 13.09 -7.08	162.61 12.46 -13.37	150.28 12.48 0.00	115.92 9.76 0.00	134.59 10.89 0.00	115.16 8.95 0.00
HUDSON AVE_GT_4 23540	64.22 4.34 0.00	71.84 4.42 -1.56	78.33 4.31 0.00	65.49 3.43 0.00	75.80 4.02 0.00	63.85 3.54 0.00	58.56 3.24 0.00	9.41 0.55 0.00	12.00 0.80 0.00	21.37 1.54 0.00	77.23 6.54 0.00	68.29 5.85 0.00	102.46 7.30 -16.60	145.14 12.30 -0.02	151.08 12.82 0.00	169.84 12.75 0.00	166.80 12.37 0.00	204.12 14.60 0.00	168.57 13.09 -7.08	162.61 12.46 -13.37	150.28 12.48 0.00	115.92 9.76 0.00	134.59 10.89 0.00	115.16 8.95 0.00
HUDSON AVE_GT_5 23657	64.22 4.34 0.00	71.84 4.42 -1.56	78.33 4.31 0.00	65.49 3.43 0.00	75.80 4.02 0.00	63.85 3.54 0.00	58.56 3.24 0.00	9.41 0.55 0.00	12.00 0.80 0.00	21.37 1.54 0.00	77.23 6.54 0.00	68.29 5.85 0.00	102.46 7.30 -16.60	145.14 12.30 -0.02	151.08 12.82 0.00	169.84 12.75 0.00	166.80 12.37 0.00	204.12 14.60 0.00	168.57 13.09 -7.08	162.61 12.46 -13.37	150.28 12.48 0.00	115.92 9.76 0.00	134.59 10.89 0.00	115.16 8.95 0.00
HUDSON_AVE_10 24168	63.95 4.08 0.00	71.53 4.12 -1.56	78.10 4.08 0.00	65.30 3.24 0.00	75.57 3.79 0.00	63.67 3.36 0.00	58.40 3.08 0.00	9.38 0.53 0.00	11.97 0.76 0.00	21.29 1.46 0.00	77.00 6.31 0.00	68.10 5.66 0.00	102.23 7.07 -16.60	144.73 11.88 -0.02	150.63 12.38 0.00	169.26 12.17 0.00	166.20 11.77 0.00	203.45 13.94 0.00	168.06 12.58 -7.08	162.13 11.98 -13.37	149.87 12.07 0.00	115.61 9.45 0.00	134.25 10.55 0.00	114.88 8.67 0.00
HUDSON___115KV_TB 4 355613	63.81 3.94 0.00	71.97 4.27 -1.84	78.56 4.54 0.00	65.79 3.73 0.00	76.19 4.41 0.00	64.05 3.75 0.00	58.61 3.29 0.00	9.35 0.50 0.00	11.86 0.65 0.00	20.91 1.09 0.00	74.76 4.07 0.00	65.57 3.13 0.00	102.49 4.15 -19.78	140.46 7.61 -0.03	146.49 8.24 0.00	165.88 8.79 0.00	162.72 8.29 0.00	201.15 11.64 0.00	166.30 9.47 -8.43	161.27 8.56 -15.94	146.07 8.27 0.00	112.79 6.63 0.00	131.60 7.90 0.00	112.69 6.48 0.00
HUNTER MOUNT___DRP 323613	64.09 4.22 0.00	72.20 4.55 -1.80	78.91 4.89 0.00	66.08 4.03 0.00	76.55 4.76 0.00	64.34 4.04 0.00	58.93 3.61 0.00	9.42 0.56 0.00	11.94 0.73 0.00	21.03 1.21 0.00	75.16 4.47 0.00	65.88 3.44 0.00	102.46 4.58 -19.32	141.26 8.40 -0.03	147.43 9.18 0.00	167.13 10.03 0.00	164.03 9.60 0.00	202.84 13.33 0.00	167.26 10.63 -8.24	161.82 9.48 -15.56	147.06 9.26 0.00	113.49 7.33 0.00	132.41 8.71 0.00	113.30 7.09 0.00
HUNTINGTON_RES_REC 323705	65.37 5.50 0.00	73.14 5.73 -1.56	79.98 5.96 0.00	66.96 4.91 0.00	77.42 5.64 0.00	65.09 4.79 0.00	59.80 4.49 0.00	20.55 0.86 -10.83	98.74 1.20 -86.33	32.34 2.12 -10.39	234.72 8.33 -155.69	165.54 7.33 -95.78	115.64 9.19 -27.89	154.11 15.55 -5.73	159.76 16.24 -5.26	164.61 16.02 8.51	162.77 15.76 7.43	196.14 16.22 9.60	160.94 15.88 3.34	159.85 15.20 -7.87	155.89 15.59 -2.51	142.14 11.98 -24.00	145.48 13.31 -8.47	120.19 11.22 -2.76
HUNTLEY___63 23557	56.50 -3.37 0.00	62.61 -3.49 -0.25	70.06 -3.96 0.00	58.77 -3.29 0.00	68.35 -3.44 0.00	57.53 -2.78 0.00	53.02 -2.30 0.00	8.48 -0.37 0.00	10.80 -0.41 0.00	18.96 -0.87 0.00	66.53 -4.17 0.00	58.74 -3.70 0.00	76.35 -4.79 -2.58	123.99 -8.84 0.00	129.87 -8.39 0.00	149.89 -7.21 0.00	144.21 -10.22 0.00	175.01 -14.50 0.00	136.50 -13.00 -1.10	125.56 -13.30 -2.08	124.86 -12.94 0.00	96.56 -9.59 0.00	113.95 -9.75 0.00	99.22 -6.99 0.00
HUNTLEY___64 23558	56.50 -3.37 0.00	62.61 -3.49 -0.25	70.06 -3.96 0.00	58.77 -3.29 0.00	68.35 -3.44 0.00	57.53 -2.78 0.00	53.02 -2.30 0.00	8.48 -0.37 0.00	10.80 -0.41 0.00	18.96 -0.87 0.00	66.53 -4.17 0.00	58.74 -3.70 0.00	76.35 -4.79 -2.58	123.99 -8.84 0.00	129.87 -8.39 0.00	149.89 -7.21 0.00	144.21 -10.22 0.00	175.01 -14.50 0.00	136.50 -13.00 -1.10	125.56 -13.30 -2.08	124.86 -12.94 0.00	96.56 -9.59 0.00	113.95 -9.75 0.00	99.22 -6.99 0.00
HUNTLEY___65 23559	56.50 -3.37 0.00	62.61 -3.49 -0.25	70.06 -3.96 0.00	58.77 -3.29 0.00	68.35 -3.44 0.00	57.53 -2.78 0.00	53.02 -2.30 0.00	8.48 -0.37 0.00	10.80 -0.41 0.00	18.96 -0.87 0.00	66.53 -4.17 0.00	58.74 -3.70 0.00	76.35 -4.79 -2.58	123.99 -8.84 0.00	129.87 -8.39 0.00	149.89 -7.21 0.00	144.21 -10.22 0.00	175.01 -14.50 0.00	136.50 -13.00 -1.10	125.56 -13.30 -2.08	124.86 -12.94 0.00	96.56 -9.59 0.00	113.95 -9.75 0.00	99.22 -6.99 0.00
HUNTLEY___66 23560	56.50 -3.37 0.00	62.61 -3.49 -0.25	70.06 -3.96 0.00	58.77 -3.29 0.00	68.35 -3.44 0.00	57.53 -2.78 0.00	53.02 -2.30 0.00	8.48 -0.37 0.00	10.80 -0.41 0.00	18.96 -0.87 0.00	66.53 -4.17 0.00	58.74 -3.70 0.00	76.35 -4.79 -2.58	123.99 -8.84 0.00	129.87 -8.39 0.00	149.89 -7.21 0.00	144.21 -10.22 0.00	175.01 -14.50 0.00	136.50 -13.00 -1.10	125.56 -13.30 -2.08	124.86 -12.94 0.00	96.56 -9.59 0.00	113.95 -9.75 0.00	99.22 -6.99 0.00

HUNTLEY___67 23561	56.33 -3.54 0.00	62.42 -3.68 -0.25	69.87 -4.16 0.00	58.60 -3.46 0.00	68.16 -3.62 0.00	57.35 -2.96 0.00	52.85 -2.47 0.00	8.45 -0.40 0.00	10.76 -0.45 0.00	18.91 -0.91 0.00	66.40 -4.30 0.00	58.60 -3.84 0.00	76.26 -4.93 -2.63	123.75 -9.08 0.00	129.57 -8.69 0.00	149.44 -7.65 0.00	143.94 -10.49 0.00	174.63 -14.88 0.00	136.28 -13.24 -1.12	125.45 -13.43 -2.12	124.69 -13.12 0.00	96.45 -9.71 0.00	113.77 -9.94 0.00	98.81 -7.40 0.00
HUNTLEY___68 23562	56.33 -3.54 0.00	62.42 -3.68 -0.25	69.87 -4.16 0.00	58.60 -3.46 0.00	68.16 -3.62 0.00	57.35 -2.96 0.00	52.85 -2.47 0.00	8.45 -0.40 0.00	10.76 -0.45 0.00	18.91 -0.91 0.00	66.40 -4.30 0.00	58.60 -3.84 0.00	76.26 -4.93 -2.63	123.75 -9.08 0.00	129.57 -8.69 0.00	149.44 -7.65 0.00	143.94 -10.49 0.00	174.63 -14.88 0.00	136.28 -13.24 -1.12	125.45 -13.43 -2.12	124.69 -13.12 0.00	96.45 -9.71 0.00	113.77 -9.94 0.00	98.81 -7.40 0.00
HYLAND___LFGE 323620	60.95 1.08 0.00	67.61 1.48 -0.27	75.82 1.80 0.00	63.51 1.46 0.00	73.81 2.03 0.00	62.24 1.93 0.00	57.57 2.25 0.00	9.27 0.42 0.00	11.82 0.61 0.00	20.76 0.94 0.00	72.85 2.16 0.00	64.27 1.83 0.00	83.36 1.95 -2.85	136.59 3.76 0.00	142.40 4.14 0.00	163.54 6.44 0.00	159.72 5.29 0.00	195.87 6.36 0.00	153.80 4.18 -1.22	141.99 2.92 -2.30	140.86 3.05 0.00	107.39 1.23 0.00	121.49 -2.22 0.00	103.49 -2.72 0.00
INDECK___CORINTH 23802	64.12 4.25 0.00	72.32 4.51 -1.95	78.90 4.88 0.00	65.92 3.87 0.00	76.05 4.27 0.00	63.55 3.25 0.00	57.77 2.45 0.00	9.22 0.36 0.00	11.69 0.48 0.00	20.61 0.79 0.00	73.60 2.91 0.00	65.10 2.66 0.00	103.22 3.70 -20.96	139.04 6.19 -0.03	145.21 6.95 0.00	165.18 8.09 0.00	162.49 8.06 0.00	200.31 10.80 0.00	166.02 8.69 -8.94	161.39 7.73 -16.89	148.26 10.46 0.00	114.73 8.57 0.00	133.21 9.51 0.00	113.93 7.72 0.00
INDECK___ILION 23567	61.25 1.38 0.00	67.29 1.44 0.00	75.49 1.47 0.00	63.30 1.24 0.00	73.33 1.55 0.00	61.70 1.39 0.00	56.62 1.30 0.00	9.08 0.22 0.00	11.52 0.31 0.00	20.35 0.53 0.00	72.70 2.00 0.00	64.10 1.66 0.00	80.67 2.11 0.00	136.46 3.64 0.00	142.40 4.14 0.00	161.47 4.37 0.00	158.50 4.07 0.00	194.91 5.40 0.00	153.17 4.77 0.00	141.06 4.28 0.00	141.74 3.94 0.00	109.15 3.00 0.00	127.17 3.47 0.00	108.84 2.63 0.00
INDECK___OLEAN 23982	58.30 -1.58 0.00	64.69 -1.46 -0.30	72.48 -1.55 0.00	60.59 -1.47 0.00	70.52 -1.26 0.00	59.38 -0.92 0.00	54.52 -0.80 0.00	8.74 -0.12 0.00	11.11 -0.10 0.00	19.64 -0.19 0.00	69.52 -1.18 0.00	60.99 -1.45 0.00	79.13 -2.53 -3.11	128.01 -4.83 0.00	133.83 -4.43 0.00	152.70 -4.40 0.00	148.64 -5.79 0.00	179.94 -9.57 0.00	141.94 -7.78 -1.32	131.47 -7.81 -2.50	130.60 -7.21 0.00	101.55 -4.60 0.00	119.70 -4.00 0.00	103.50 -2.71 0.00
INDECK___OSWEGO 23783	58.38 -1.49 0.00	64.27 -1.70 -0.11	71.94 -2.09 0.00	60.48 -1.58 0.00	69.81 -1.97 0.00	58.96 -1.34 0.00	54.13 -1.19 0.00	8.69 -0.17 0.00	11.03 -0.18 0.00	19.49 -0.34 0.00	69.33 -1.37 0.00	61.35 -1.09 0.00	78.31 -1.53 -1.27	129.83 -3.00 0.00	135.47 -2.79 0.00	154.03 -3.07 0.00	151.12 -3.31 0.00	185.30 -4.21 0.00	145.65 -3.29 -0.54	134.60 -3.20 -1.02	134.49 -3.31 0.00	103.60 -2.56 0.00	120.65 -3.05 0.00	103.63 -2.59 0.00
INDECK___YERKES 23781	56.54 -3.33 0.00	62.65 -3.45 -0.25	70.10 -3.92 0.00	58.79 -3.27 0.00	68.39 -3.39 0.00	57.57 -2.74 0.00	53.05 -2.27 0.00	8.49 -0.36 0.00	10.80 -0.41 0.00	18.98 -0.85 0.00	66.64 -4.05 0.00	58.81 -3.63 0.00	76.47 -4.66 -2.58	124.04 -8.79 0.00	129.98 -8.28 0.00	149.99 -7.10 0.00	144.27 -10.16 0.00	175.16 -14.35 0.00	136.67 -12.83 -1.10	125.68 -13.18 -2.08	124.95 -12.85 0.00	96.63 -9.53 0.00	114.04 -9.66 0.00	99.28 -6.93 0.00
INDIAN POINT_GT_1 24139	63.75 3.88 0.00	71.42 4.03 -1.53	78.07 4.05 0.00	65.28 3.22 0.00	75.56 3.78 0.00	63.60 3.30 0.00	58.35 3.03 0.00	9.38 0.52 0.00	11.94 0.74 0.00	21.22 1.39 0.00	76.48 5.79 0.00	67.60 5.16 0.00	101.41 6.43 -16.42	143.70 10.86 -0.02	149.55 11.30 0.00	168.32 11.23 0.00	165.18 10.75 0.00	202.55 13.04 0.00	166.92 11.51 -7.00	160.94 10.94 -13.23	148.69 10.89 0.00	114.71 8.55 0.00	133.13 9.42 0.00	114.02 7.81 0.00
INDIAN POINT_GT_2 23659	63.75 3.88 0.00	71.42 4.03 -1.53	78.07 4.05 0.00	65.28 3.22 0.00	75.56 3.78 0.00	63.60 3.30 0.00	58.35 3.03 0.00	9.38 0.52 0.00	11.94 0.74 0.00	21.22 1.39 0.00	76.48 5.79 0.00	67.60 5.16 0.00	101.41 6.43 -16.42	143.70 10.86 -0.02	149.55 11.30 0.00	168.32 11.23 0.00	165.18 10.75 0.00	202.55 13.04 0.00	166.92 11.51 -7.00	160.94 10.94 -13.23	148.69 10.89 0.00	114.71 8.55 0.00	133.13 9.42 0.00	114.02 7.81 0.00
INDIAN POINT_GT_3 24019	63.75 3.88 0.00	71.42 4.03 -1.53	78.07 4.05 0.00	65.28 3.22 0.00	75.56 3.78 0.00	63.60 3.30 0.00	58.35 3.03 0.00	9.38 0.52 0.00	11.94 0.74 0.00	21.22 1.39 0.00	76.48 5.79 0.00	67.60 5.16 0.00	101.41 6.43 -16.42	143.70 10.86 -0.02	149.55 11.30 0.00	168.32 11.23 0.00	165.18 10.75 0.00	202.55 13.04 0.00	166.92 11.51 -7.00	160.94 10.94 -13.23	148.69 10.89 0.00	114.71 8.55 0.00	133.13 9.42 0.00	114.02 7.81 0.00
INDIAN POINT___2 23530	63.53 3.66 0.00	71.13 3.79 -1.49	77.95 3.93 0.00	65.19 3.13 0.00	75.43 3.65 0.00	63.48 3.18 0.00	58.25 2.93 0.00	9.36 0.51 0.00	11.93 0.72 0.00	21.18 1.35 0.00	76.38 5.68 0.00	67.49 5.05 0.00	101.02 6.28 -16.17	143.43 10.58 -0.02	149.26 11.00 0.00	167.96 10.86 0.00	164.86 10.43 0.00	202.12 12.61 0.00	166.47 11.18 -6.90	160.44 10.64 -13.03	148.39 10.59 0.00	114.48 8.32 0.00	132.87 9.17 0.00	113.80 7.59 0.00
INDIAN POINT___3 23531	64.01 4.14 0.00	71.66 4.24 -1.57	77.96 3.94 0.00	65.20 3.15 0.00	75.44 3.66 0.00	63.49 3.19 0.00	58.26 2.94 0.00	9.36 0.50 0.00	11.92 0.71 0.00	21.17 1.34 0.00	76.33 5.64 0.00	67.45 5.01 0.00	101.11 6.22 -16.33	143.32 10.47 -0.02	149.15 10.90 0.00	167.86 10.77 0.00	164.77 10.34 0.00	202.08 12.57 0.00	166.46 11.10 -6.96	160.48 10.55 -13.15	148.28 10.48 0.00	114.42 8.26 0.00	132.80 9.10 0.00	113.72 7.51 0.00
INGHAM_C_115KV_TB7 356103	62.29 2.41 0.00	68.28 2.43 0.00	76.49 2.47 0.00	64.14 2.09 0.00	74.48 2.70 0.00	62.68 2.38 0.00	57.64 2.33 0.00	9.25 0.39 0.00	11.75 0.55 0.00	20.71 0.88 0.00	74.09 3.39 0.00	65.16 2.72 0.00	82.07 3.52 0.00	139.08 6.25 0.00	145.45 7.20 0.00	164.83 7.74 0.00	161.71 7.28 0.00	199.32 9.81 0.00	157.17 8.77 0.00	144.68 7.90 0.00	144.81 7.01 0.00	111.44 5.28 0.00	129.95 6.24 0.00	110.79 4.58 0.00
IP CORINTH___1 23988	64.11 4.24 0.00	72.32 4.52 -1.95	78.90 4.88 0.00	65.92 3.87 0.00	76.13 4.34 0.00	63.71 3.40 0.00	58.04 2.72 0.00	9.27 0.41 0.00	11.76 0.56 0.00	20.73 0.91 0.00	74.01 3.31 0.00	65.45 3.01 0.00	103.67 4.15 -20.96	139.78 6.93 -0.03	145.96 7.71 0.00	166.05 8.96 0.00	163.37 8.94 0.00	201.38 11.86 0.00	166.82 9.48 -8.94	162.10 8.44 -16.89	148.40 10.60 0.00	114.73 8.57 0.00	133.21 9.51 0.00	113.93 7.72 0.00

IP___TICONDEROGA 23804	66.38 6.50 0.00	74.59 6.79 -1.95	81.61 7.58 0.00	67.67 5.61 0.00	78.97 7.19 0.00	66.40 6.10 0.00	61.04 5.72 0.00	9.73 0.88 0.00	12.33 1.12 0.00	21.54 1.71 0.00	76.94 6.25 0.00	68.37 5.93 0.00	107.74 8.25 -20.94	145.72 12.87 -0.03	152.62 14.36 0.00	175.76 18.66 0.00	173.24 18.82 0.00	214.10 24.58 0.00	176.16 18.84 -8.93	169.87 16.23 -16.86	154.49 16.69 0.00	119.10 12.94 0.00	138.29 14.58 0.00	117.64 11.43 0.00
ISLIP_RES_REC 323679	65.93 6.06 0.00	73.75 6.34 -1.56	80.64 6.62 0.00	67.52 5.46 0.00	78.08 6.29 0.00	65.67 5.36 0.00	60.39 5.08 0.00	20.70 0.96 -10.88	98.84 1.32 -86.31	32.61 2.34 -10.43	236.19 9.23 -156.27	166.88 8.20 -96.23	117.52 10.29 -28.67	156.63 17.38 -6.42	162.66 18.49 -5.92	167.95 18.76 7.90	165.89 18.37 6.91	199.58 19.21 9.14	163.78 18.21 2.83	162.56 17.38 -8.41	158.51 17.50 -3.21	144.61 13.26 -25.19	147.46 14.76 -9.01	121.63 12.33 -3.10
JAMAICA__27_KV_LOAD 355505	64.08 4.21 0.00	71.63 4.21 -1.56	78.51 4.49 0.00	65.69 3.63 0.00	76.05 4.26 0.00	64.09 3.79 0.00	58.81 3.49 0.00	9.44 0.58 0.00	12.03 0.82 0.00	21.39 1.57 0.00	77.39 6.69 0.00	68.48 6.04 0.00	102.72 7.56 -16.60	145.60 12.75 -0.02	151.64 13.39 0.00	170.11 13.02 0.00	167.13 12.70 0.00	204.60 15.09 0.00	168.99 13.52 -7.08	163.02 12.88 -13.37	150.91 13.11 0.00	116.40 10.24 0.00	135.36 11.65 0.00	115.84 9.63 0.00
JANIS___SOLAR 323808	62.40 2.53 0.00	68.60 2.32 -0.43	76.88 2.86 0.00	64.73 2.68 0.00	75.15 3.36 0.00	63.33 3.03 0.00	58.62 3.30 0.00	9.47 0.61 0.00	12.09 0.88 0.00	21.37 1.54 0.00	75.96 5.26 0.00	67.24 4.80 0.00	88.30 5.27 -4.47	141.11 8.28 -0.01	147.08 8.82 0.00	167.91 10.81 0.00	164.91 10.48 0.00	201.34 11.83 0.00	159.46 9.16 -1.91	148.37 7.99 -3.60	145.15 7.35 0.00	111.64 5.48 0.00	130.04 6.34 0.00	111.43 5.22 0.00
JARVIS____ 23743	60.41 0.54 0.00	66.46 0.61 0.00	74.61 0.59 0.00	62.55 0.50 0.00	72.36 0.58 0.00	60.85 0.54 0.00	55.76 0.44 0.00	8.94 0.08 0.00	11.33 0.12 0.00	20.06 0.23 0.00	71.49 0.79 0.00	63.14 0.70 0.00	79.43 0.87 0.00	134.29 1.46 0.00	139.86 1.61 0.00	158.53 1.44 0.00	155.75 1.32 0.00	191.17 1.65 0.00	149.84 1.44 0.00	138.13 1.36 0.00	139.08 1.27 0.00	107.22 1.06 0.00	124.94 1.24 0.00	107.18 0.97 0.00
JENNISON___1 23625	62.03 2.15 0.00	68.08 1.68 -0.55	76.40 2.38 0.00	64.26 2.21 0.00	74.65 2.87 0.00	62.81 2.51 0.00	58.18 2.87 0.00	9.40 0.55 0.00	12.04 0.83 0.00	21.37 1.54 0.00	76.08 5.39 0.00	67.45 5.01 0.00	90.04 5.72 -5.76	141.55 8.72 -0.01	146.84 8.58 0.00	167.03 9.93 0.00	164.18 9.75 0.00	199.40 9.89 0.00	158.80 7.94 -2.46	148.49 7.07 -4.64	143.78 5.98 0.00	110.82 4.66 0.00	128.77 5.07 0.00	110.16 3.95 0.00
JENNISON___2 23626	62.03 2.15 0.00	68.08 1.68 -0.55	76.40 2.38 0.00	64.26 2.21 0.00	74.65 2.87 0.00	62.81 2.51 0.00	58.18 2.87 0.00	9.40 0.55 0.00	12.04 0.83 0.00	21.37 1.54 0.00	76.08 5.39 0.00	67.45 5.01 0.00	90.04 5.72 -5.76	141.55 8.72 -0.01	146.84 8.58 0.00	167.03 9.93 0.00	164.18 9.75 0.00	199.40 9.89 0.00	158.80 7.94 -2.46	148.49 7.07 -4.64	143.78 5.98 0.00	110.82 4.66 0.00	128.77 5.07 0.00	110.16 3.95 0.00
JERICHO_RISE_WT_PWR 323719	58.06 -1.81 0.00	64.02 -1.83 0.00	72.47 -1.55 0.00	60.73 -1.33 0.00	70.20 -1.58 0.00	58.44 -1.86 0.00	53.71 -1.61 0.00	8.58 -0.28 0.00	10.71 -0.50 0.00	18.98 -0.84 0.00	68.03 -2.67 0.00	60.12 -2.32 0.00	75.95 -2.61 0.00	129.04 -3.79 0.00	134.12 -4.14 0.00	153.83 -3.26 0.00	152.27 -2.16 0.00	187.01 -2.51 0.00	145.63 -2.77 0.00	134.13 -2.65 0.00	135.41 -2.40 0.00	104.03 -2.13 0.00	121.39 -2.31 0.00	105.09 -1.12 0.00
KATONAH___115KV_46KV_TB4 355592	64.44 4.57 0.00	72.16 4.74 -1.57	78.76 4.74 0.00	65.87 3.82 0.00	76.25 4.46 0.00	64.20 3.89 0.00	58.92 3.60 0.00	9.47 0.61 0.00	12.07 0.86 0.00	21.43 1.61 0.00	77.16 6.46 0.00	68.15 5.70 0.00	102.53 7.16 -16.81	145.05 12.19 -0.02	151.05 12.79 0.00	170.18 13.09 0.00	167.00 12.57 0.00	204.78 15.27 0.00	168.86 13.30 -7.16	162.79 12.47 -13.54	150.28 12.48 0.00	115.90 9.74 0.00	134.49 10.79 0.00	115.11 8.90 0.00
KCE_NY_1 323755	63.87 4.00 0.00	72.11 4.32 -1.94	78.65 4.62 0.00	65.75 3.70 0.00	76.05 4.26 0.00	63.89 3.58 0.00	58.53 3.21 0.00	9.37 0.52 0.00	11.88 0.67 0.00	20.98 1.16 0.00	74.75 4.05 0.00	66.02 3.58 0.00	104.26 4.80 -20.90	141.22 8.36 -0.03	147.03 8.78 0.00	167.09 9.99 0.00	164.49 10.06 0.00	202.11 12.60 0.00	167.46 10.15 -8.91	162.82 9.21 -16.83	147.52 9.72 0.00	113.81 7.66 0.00	132.08 8.38 0.00	113.12 6.91 0.00
KCE_NY_6_ESR 323823	56.93 -2.94 0.00	63.16 -2.96 -0.26	70.77 -3.25 0.00	59.32 -2.74 0.00	68.98 -2.80 0.00	58.04 -2.26 0.00	53.54 -1.78 0.00	8.57 -0.28 0.00	10.91 -0.30 0.00	19.19 -0.64 0.00	67.47 -3.23 0.00	59.56 -2.89 0.00	77.53 -3.77 -2.74	125.57 -7.26 0.00	131.52 -6.73 0.00	151.60 -5.49 0.00	146.20 -8.23 0.00	177.45 -12.07 0.00	138.77 -10.80 -1.17	127.76 -11.22 -2.21	126.88 -10.92 0.00	98.14 -8.01 0.00	115.67 -8.04 0.00	100.22 -5.99 0.00
KEDC PORT_JEFF_GT2 24210	65.63 5.76 0.00	73.42 6.01 -1.56	80.28 6.26 0.00	67.23 5.18 0.00	77.74 5.96 0.00	65.38 5.08 0.00	60.09 4.78 0.00	20.60 0.92 -10.83	99.14 1.25 -86.67	32.47 2.23 -10.41	235.41 8.76 -155.95	166.08 7.79 -95.86	115.88 9.83 -27.49	154.72 16.52 -5.37	160.47 17.30 -4.91	165.52 17.25 8.82	163.53 16.79 7.69	196.19 16.50 9.83	161.02 16.23 3.61	160.35 15.99 -7.58	156.29 16.34 -2.14	142.00 12.46 -23.38	145.89 14.00 -8.18	120.52 11.73 -2.59
KEDC PORT_JEFF_GT3 24211	65.63 5.76 0.00	73.42 6.01 -1.56	80.28 6.26 0.00	67.23 5.18 0.00	77.74 5.96 0.00	65.38 5.08 0.00	60.09 4.78 0.00	20.60 0.92 -10.83	99.14 1.25 -86.67	32.47 2.23 -10.41	235.41 8.76 -155.95	166.08 7.79 -95.86	115.88 9.83 -27.49	154.72 16.52 -5.37	160.47 17.30 -4.91	165.52 17.25 8.82	163.53 16.79 7.69	196.19 16.50 9.83	161.02 16.23 3.61	160.35 15.99 -7.58	156.29 16.34 -2.14	142.00 12.46 -23.38	145.89 14.00 -8.18	120.52 11.73 -2.59
KEDC_GLWD_GT4 24219	64.78 4.90 -0.01	72.50 5.08 -1.57	79.18 5.15 0.00	66.22 4.17 0.00	76.64 4.86 0.00	64.49 4.18 0.00	59.22 3.89 -0.01	19.53 0.70 -9.97	59.25 0.98 -47.05	30.14 1.80 -8.51	205.12 7.39 -127.04	156.36 6.55 -87.37	163.70 8.20 -76.94	195.82 13.89 -49.10	200.06 14.53 -47.28	201.40 14.62 -29.69	192.83 13.25 -25.15	223.61 15.17 -18.92	191.53 13.86 -29.27	191.96 13.14 -42.05	198.67 13.69 -47.18	216.53 10.97 -99.41	178.38 12.04 -42.64	140.33 10.12 -23.99
KEDC_GLWD_GT5 24220	64.78 4.90 -0.01	72.50 5.08 -1.57	79.18 5.15 0.00	66.22 4.17 0.00	76.64 4.86 0.00	64.49 4.18 0.00	59.22 3.89 -0.01	19.53 0.70 -9.97	59.25 0.98 -47.05	30.14 1.80 -8.51	205.12 7.39 -127.04	156.36 6.55 -87.37	163.70 8.20 -76.94	195.82 13.89 -49.10	200.06 14.53 -47.28	201.40 14.62 -29.69	192.83 13.25 -25.15	223.61 15.17 -18.92	191.53 13.86 -29.27	191.96 13.14 -42.05	198.67 13.69 -47.18	216.53 10.97 -99.41	178.38 12.04 -42.64	140.33 10.12 -23.99

KENSICO____ 23655	64.06 4.19 0.00	71.75 4.34 -1.56	78.31 4.29 0.00	65.48 3.42 0.00	75.79 4.01 0.00	63.79 3.48 0.00	58.52 3.20 0.00	9.40 0.55 0.00	11.98 0.78 0.00	21.29 1.47 0.00	76.77 6.07 0.00	67.84 5.40 0.00	101.87 6.75 -16.57	144.24 11.39 -0.02	150.11 11.85 0.00	168.95 11.86 0.00	165.78 11.35 0.00	203.15 13.64 0.00	167.56 12.10 -7.06	161.60 11.47 -13.34	149.24 11.44 0.00	115.16 9.00 0.00	133.65 9.95 0.00	114.45 8.24 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	64.20 4.33 0.00	71.87 4.54 -1.47	78.81 4.79 0.00	65.88 3.82 0.00	76.29 4.51 0.00	64.20 3.90 0.00	58.94 3.62 0.00	9.49 0.63 0.00	12.09 0.88 0.00	21.47 1.65 0.00	77.15 6.45 0.00	68.15 5.71 0.00	101.61 7.16 -15.89	145.07 12.22 -0.02	151.12 12.86 0.00	170.54 13.44 0.00	167.45 13.02 0.00	205.38 15.87 0.00	168.65 13.47 -6.78	162.18 12.60 -12.80	150.31 12.51 0.00	115.80 9.64 0.00	134.27 10.57 0.00	114.92 8.71 0.00
KIAC_JFK_GT1 23816	63.70 3.82 0.00	71.21 3.79 -1.56	78.05 4.03 0.00	65.31 3.25 0.00	75.60 3.81 0.00	63.72 3.42 0.00	58.44 3.12 0.00	9.38 0.52 0.00	11.96 0.75 0.00	21.27 1.45 0.00	76.93 6.23 0.00	68.10 5.66 0.00	102.25 7.09 -16.60	144.77 11.92 -0.02	150.73 12.47 0.00	169.09 12.00 0.00	166.06 11.63 0.00	203.32 13.81 0.00	167.97 12.49 -7.08	162.07 11.92 -13.37	149.97 12.17 0.00	115.70 9.54 0.00	134.53 10.83 0.00	115.11 8.90 0.00
KIAC_JFK_GT2 23817	63.70 3.82 0.00	71.21 3.79 -1.56	78.05 4.03 0.00	65.31 3.25 0.00	75.60 3.81 0.00	63.72 3.42 0.00	58.44 3.12 0.00	9.38 0.52 0.00	11.96 0.75 0.00	21.27 1.45 0.00	76.93 6.23 0.00	68.10 5.66 0.00	102.25 7.09 -16.60	144.77 11.92 -0.02	150.73 12.47 0.00	169.09 12.00 0.00	166.06 11.63 0.00	203.32 13.81 0.00	167.97 12.49 -7.08	162.07 11.92 -13.37	149.97 12.17 0.00	115.70 9.54 0.00	134.53 10.83 0.00	115.11 8.90 0.00
KIAC_JFK____ 323774	63.70 3.82 0.00	71.20 3.79 -1.56	78.05 4.03 0.00	65.31 3.25 0.00	75.60 3.81 0.00	63.72 3.41 0.00	58.44 3.12 0.00	9.38 0.52 0.00	11.96 0.75 0.00	21.27 1.44 0.00	76.91 6.22 0.00	68.10 5.66 0.00	102.25 7.09 -16.60	144.78 11.93 -0.02	150.74 12.48 0.00	169.09 12.00 0.00	166.09 11.66 0.00	203.32 13.81 0.00	167.93 12.45 -7.08	162.07 11.92 -13.37	149.98 12.18 0.00	115.69 9.54 0.00	134.53 10.82 0.00	115.12 8.91 0.00
KINTIGH____ 23543	56.89 -2.98 0.00	62.95 -3.13 -0.22	70.43 -3.59 0.00	59.10 -2.96 0.00	68.68 -3.10 0.00	57.82 -2.49 0.00	53.23 -2.09 0.00	8.52 -0.34 0.00	10.83 -0.37 0.00	19.06 -0.77 0.00	67.06 -3.64 0.00	59.17 -3.27 0.00	76.57 -4.26 -2.27	125.00 -7.83 0.00	130.74 -7.52 0.00	150.18 -6.92 0.00	145.07 -9.36 0.00	176.18 -13.33 0.00	137.63 -11.74 -0.97	126.74 -11.86 -1.83	126.11 -11.68 0.00	97.52 -8.64 0.00	114.84 -8.86 0.00	99.60 -6.61 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	59.08 -0.79 0.00	65.17 -0.68 0.00	73.76 -0.26 0.00	61.75 -0.31 0.00	71.42 -0.37 0.00	59.36 -0.94 0.00	54.59 -0.73 0.00	8.74 -0.11 0.00	10.92 -0.29 0.00	19.26 -0.57 0.00	69.01 -1.68 0.00	61.00 -1.44 0.00	77.03 -1.53 0.00	131.28 -1.55 0.00	136.53 -1.73 0.00	156.61 -0.48 0.00	155.19 0.76 0.00	190.59 1.08 0.00	148.58 0.18 0.00	136.69 -0.08 0.00	137.84 0.04 0.00	105.79 -0.37 0.00	123.45 -0.25 0.00	107.25 1.04 0.00
LACHUTE__HYDRO 323717	66.38 6.51 0.00	74.59 6.79 -1.95	81.61 7.58 0.00	67.67 5.61 0.00	78.97 7.19 0.00	66.40 6.09 0.00	61.04 5.72 0.00	9.73 0.88 0.00	12.33 1.12 0.00	21.54 1.71 0.00	76.94 6.25 0.00	68.37 5.93 0.00	107.75 8.25 -20.94	145.73 12.87 -0.03	152.62 14.37 0.00	175.75 18.65 0.00	173.24 18.81 0.00	214.10 24.59 0.00	176.16 18.84 -8.93	169.86 16.22 -16.86	154.49 16.68 0.00	119.10 12.94 0.00	138.28 14.58 0.00	117.64 11.43 0.00
LAWRNCV_115KV_TB1 80681	58.60 -1.27 0.00	64.60 -1.25 0.00	73.01 -1.01 0.00	61.19 -0.86 0.00	70.63 -1.16 0.00	58.60 -1.70 0.00	53.31 -2.01 0.00	8.51 -0.35 0.00	10.61 -0.60 0.00	18.61 -1.22 0.00	66.76 -3.93 0.00	58.87 -3.57 0.00	74.42 -4.14 0.00	127.64 -5.19 0.00	131.16 -7.09 0.00	151.59 -5.50 0.00	150.13 -4.30 0.00	184.40 -5.11 0.00	143.52 -4.88 0.00	132.11 -4.67 0.00	133.45 -4.36 0.00	103.50 -2.66 0.00	121.51 -2.19 0.00	105.23 -0.98 0.00
LEDERLE____ 23769	63.50 3.63 0.00	71.11 3.81 -1.44	78.18 4.16 0.00	65.37 3.32 0.00	75.64 3.85 0.00	63.66 3.36 0.00	58.44 3.12 0.00	9.39 0.53 0.00	11.95 0.74 0.00	21.24 1.41 0.00	76.61 5.91 0.00	67.72 5.28 0.00	101.02 6.55 -15.91	143.82 10.96 -0.02	149.65 11.39 0.00	168.45 11.36 0.00	165.37 10.94 0.00	202.92 13.40 0.00	166.90 11.71 -6.78	160.77 11.18 -12.82	148.83 11.03 0.00	114.81 8.66 0.00	133.25 9.55 0.00	114.09 7.88 0.00
LIGHTHSE_115KV_TB6 355974	59.27 -0.60 0.00	65.42 -0.54 -0.11	73.32 -0.70 0.00	61.63 -0.42 0.00	71.24 -0.54 0.00	60.14 -0.17 0.00	55.26 -0.06 0.00	8.88 0.03 0.00	11.27 0.07 0.00	19.90 0.08 0.00	70.85 0.15 0.00	62.58 0.14 0.00	79.59 -0.14 -1.17	132.35 -0.48 0.00	138.17 -0.09 0.00	157.40 0.30 0.00	154.68 0.25 0.00	189.96 0.44 0.00	149.12 0.22 -0.50	137.57 -0.14 -0.94	137.51 -0.29 0.00	105.89 -0.27 0.00	123.13 -0.57 0.00	105.81 -0.40 0.00
LINDEN COGEN____ 23786	63.74 3.86 0.00	71.27 3.85 -1.56	77.67 3.65 0.00	64.97 2.92 0.00	75.18 3.39 0.00	63.36 3.06 0.00	58.10 2.78 0.00	9.33 0.48 0.00	11.90 0.70 0.00	21.20 1.37 0.00	76.62 5.92 0.00	67.74 5.30 0.00	101.77 6.61 -16.60	143.87 11.02 -0.02	149.81 11.55 0.00	168.32 11.23 0.00	165.30 10.87 0.00	202.32 12.80 0.00	167.22 11.74 -7.08	161.33 11.18 -13.37	148.95 11.15 0.00	114.90 8.74 0.00	133.42 9.72 0.00	114.18 7.97 0.00
LINDHRST_69_KV_BK1 356055	65.68 5.80 0.00	73.49 6.08 -1.56	80.33 6.30 0.00	67.17 5.11 0.00	77.72 5.93 0.00	65.33 5.02 0.00	60.05 4.73 0.00	21.37 0.90 -11.61	92.14 1.23 -79.70	32.76 2.20 -10.73	238.54 8.78 -159.07	169.70 7.79 -99.47	132.68 9.73 -44.40	169.72 16.57 -20.33	175.05 17.39 -19.40	179.21 17.76 -4.35	175.47 17.50 -3.54	208.66 19.15 0.00	173.72 17.69 -7.63	172.80 16.66 -19.37	172.18 16.83 -17.54	168.61 13.07 -49.38	158.08 14.41 -19.97	128.61 12.23 -10.16
LIPA_MISC_IPP 23656	65.67 5.80 0.00	73.52 6.11 -1.56	80.36 6.34 0.00	67.33 5.28 0.00	77.88 6.10 0.00	65.54 5.23 0.00	60.27 4.95 0.00	20.61 0.94 -10.82	99.37 1.28 -86.88	32.52 2.29 -10.40	235.53 8.95 -155.88	166.11 7.93 -95.74	115.54 10.02 -26.96	154.34 16.60 -4.91	160.28 17.56 -4.46	165.67 17.80 9.23	163.51 17.12 8.04	197.21 17.83 10.14	161.57 17.13 3.96	160.34 16.35 -7.22	156.02 16.56 -1.66	141.26 12.53 -22.57	145.49 13.97 -7.82	120.23 11.66 -2.36
LISF__SOLAR 323691	65.79 5.92 0.00	73.61 6.20 -1.56	80.49 6.47 0.00	67.46 5.40 0.00	78.02 6.24 0.00	65.63 5.33 0.00	60.36 5.05 0.00	20.64 0.96 -10.83	99.33 1.30 -86.81	32.56 2.32 -10.41	235.70 9.09 -155.92	166.29 8.05 -95.79	115.92 10.20 -27.16	154.93 17.02 -5.09	160.99 18.11 -4.63	166.37 18.35 9.07	164.27 17.74 7.91	197.84 18.35 10.02	162.27 17.70 3.83	160.98 16.84 -7.36	156.70 17.05 -1.85	141.82 12.78 -22.88	145.90 14.24 -7.96	120.51 11.86 -2.44

LITTLE FALLS___HYD 24013	62.29 2.41 0.00	68.28 2.43 0.00	76.49 2.47 0.00	64.14 2.09 0.00	74.48 2.70 0.00	62.68 2.38 0.00	57.64 2.33 0.00	9.25 0.39 0.00	11.75 0.55 0.00	20.71 0.88 0.00	74.09 3.39 0.00	65.16 2.72 0.00	82.07 3.52 0.00	139.08 6.25 0.00	145.45 7.20 0.00	164.83 7.74 0.00	161.71 7.28 0.00	199.32 9.81 0.00	157.17 8.77 0.00	144.68 7.90 0.00	144.81 7.01 0.00	111.44 5.28 0.00	129.95 6.24 0.00	110.79 4.58 0.00
LITTLRIV_115KV_TB1 356100	59.27 -0.60 0.00	65.32 -0.53 0.00	73.84 -0.19 0.00	61.88 -0.17 0.00	71.44 -0.34 0.00	59.23 -1.07 0.00	53.85 -1.46 0.00	8.60 -0.26 0.00	10.72 -0.49 0.00	18.79 -1.04 0.00	67.24 -3.46 0.00	59.17 -3.27 0.00	74.85 -3.71 0.00	128.47 -4.35 0.00	132.13 -6.12 0.00	153.08 -4.02 0.00	151.90 -2.53 0.00	186.81 -2.70 0.00	145.25 -3.15 0.00	133.67 -3.11 0.00	134.92 -2.89 0.00	104.58 -1.58 0.00	122.78 -0.92 0.00	106.46 0.25 0.00
LI_NEWBRDGE___DRP 323616	64.68 4.81 0.00	72.41 5.00 -1.55	79.10 5.08 0.00	66.18 4.13 0.00	76.57 4.79 0.00	64.39 4.09 0.00	59.15 3.84 0.00	20.01 0.74 -10.42	102.78 1.02 -90.55	31.90 1.83 -10.25	231.47 7.38 -153.39	161.56 6.53 -92.59	102.77 8.17 -16.04	141.87 13.79 4.74	147.70 14.34 4.89	153.66 14.30 17.73	153.14 14.00 15.29	188.37 15.34 16.49	151.68 14.50 11.22	150.13 13.74 0.39	143.40 13.88 8.28	122.80 10.85 -5.79	135.89 11.98 -0.21	114.13 10.30 2.39
LOCKPORT_115KV_TB60_63_64 80432	55.89 -3.98 0.00	61.89 -4.20 -0.23	69.31 -4.71 0.00	58.16 -3.90 0.00	67.64 -4.14 0.00	56.92 -3.38 0.00	52.48 -2.84 0.00	8.39 -0.46 0.00	10.68 -0.53 0.00	18.71 -1.12 0.00	65.59 -5.11 0.00	57.90 -4.54 0.00	75.20 -5.82 -2.47	122.23 -10.60 0.00	127.98 -10.28 0.00	147.90 -9.19 0.00	142.19 -12.24 0.00	172.55 -16.96 0.00	134.53 -14.92 -1.05	123.69 -15.09 -2.00	123.05 -14.76 -0.01	95.23 -10.92 0.00	112.36 -11.34 0.00	97.65 -8.56 0.00
LOCKPORT___CC1 323769	55.64 -4.23 0.00	61.62 -4.47 -0.24	68.99 -5.03 0.00	57.89 -4.17 0.00	67.35 -4.44 0.00	56.65 -3.66 0.00	52.22 -3.10 0.00	8.35 -0.50 0.00	10.62 -0.59 0.00	18.63 -1.19 0.00	65.39 -5.31 0.00	57.70 -4.74 0.00	74.99 -6.05 -2.48	121.74 -11.09 0.00	127.44 -10.82 0.00	147.15 -9.94 0.00	141.53 -12.90 0.00	171.70 -17.81 0.00	133.96 -15.51 -1.06	123.02 -15.68 -1.92	122.40 -15.38 0.02	94.75 -11.41 0.00	111.85 -11.86 0.00	97.17 -9.04 0.00
LOCKPORT___CC2 323770	55.64 -4.23 0.00	61.62 -4.47 -0.24	68.99 -5.03 0.00	57.89 -4.17 0.00	67.35 -4.44 0.00	56.65 -3.66 0.00	52.22 -3.10 0.00	8.35 -0.50 0.00	10.62 -0.59 0.00	18.63 -1.19 0.00	65.39 -5.31 0.00	57.70 -4.74 0.00	74.99 -6.05 -2.48	121.74 -11.09 0.00	127.44 -10.82 0.00	147.15 -9.94 0.00	141.53 -12.90 0.00	171.70 -17.81 0.00	133.96 -15.51 -1.06	123.02 -15.68 -1.92	122.40 -15.38 0.02	94.75 -11.41 0.00	111.85 -11.86 0.00	97.17 -9.04 0.00
LOCKPORT___CC3 323771	55.64 -4.23 0.00	61.62 -4.47 -0.24	68.99 -5.03 0.00	57.89 -4.17 0.00	67.35 -4.44 0.00	56.65 -3.66 0.00	52.22 -3.10 0.00	8.35 -0.50 0.00	10.62 -0.59 0.00	18.63 -1.19 0.00	65.39 -5.31 0.00	57.70 -4.74 0.00	74.99 -6.05 -2.48	121.74 -11.09 0.00	127.44 -10.82 0.00	147.15 -9.94 0.00	141.53 -12.90 0.00	171.70 -17.81 0.00	133.96 -15.51 -1.06	123.02 -15.68 -1.92	122.40 -15.38 0.02	94.75 -11.41 0.00	111.85 -11.86 0.00	97.17 -9.04 0.00
LONG_LAKE_PHOENIX 24014	58.85 -1.02 0.00	64.75 -1.22 -0.12	72.38 -1.64 0.00	60.83 -1.23 0.00	70.23 -1.55 0.00	59.31 -1.00 0.00	54.47 -0.85 0.00	8.74 -0.11 0.00	11.10 -0.11 0.00	19.62 -0.21 0.00	69.80 -0.90 0.00	61.74 -0.70 0.00	78.70 -1.17 -1.31	130.45 -2.38 0.00	136.24 -2.01 0.00	154.92 -2.17 0.00	151.97 -2.46 0.00	186.35 -3.16 0.00	146.46 -2.50 -0.56	135.33 -2.50 -1.06	135.18 -2.62 0.00	104.12 -2.03 0.00	121.25 -2.45 0.00	104.13 -2.08 0.00
LOVETT___3 23632	63.18 3.31 0.00	70.76 3.46 -1.44	77.84 3.82 0.00	65.08 3.03 0.00	75.31 3.52 0.00	63.39 3.08 0.00	58.17 2.86 0.00	9.34 0.49 0.00	11.90 0.69 0.00	21.13 1.31 0.00	76.24 5.55 0.00	67.39 4.95 0.00	100.65 6.12 -15.97	143.10 10.25 -0.02	148.89 10.63 0.00	167.59 10.50 0.00	164.56 10.13 0.00	201.85 12.33 0.00	166.09 10.88 -6.81	160.03 10.39 -12.86	148.11 10.30 0.00	114.25 8.09 0.00	132.62 8.92 0.00	113.57 7.36 0.00
LOVETT___4 23642	63.18 3.31 0.00	70.76 3.46 -1.44	77.84 3.82 0.00	65.08 3.03 0.00	75.31 3.52 0.00	63.39 3.08 0.00	58.17 2.86 0.00	9.34 0.49 0.00	11.90 0.69 0.00	21.13 1.31 0.00	76.24 5.55 0.00	67.39 4.95 0.00	100.65 6.12 -15.97	143.10 10.25 -0.02	148.89 10.63 0.00	167.59 10.50 0.00	164.56 10.13 0.00	201.85 12.33 0.00	166.09 10.88 -6.81	160.03 10.39 -12.86	148.11 10.30 0.00	114.25 8.09 0.00	132.62 8.92 0.00	113.57 7.36 0.00
LOVETT___5 23593	63.18 3.31 0.00	70.76 3.46 -1.44	77.84 3.82 0.00	65.08 3.03 0.00	75.31 3.52 0.00	63.39 3.08 0.00	58.17 2.86 0.00	9.34 0.49 0.00	11.90 0.69 0.00	21.13 1.31 0.00	76.24 5.55 0.00	67.39 4.95 0.00	100.65 6.12 -15.97	143.10 10.25 -0.02	148.89 10.63 0.00	167.59 10.50 0.00	164.56 10.13 0.00	201.85 12.33 0.00	166.09 10.88 -6.81	160.03 10.39 -12.86	148.11 10.30 0.00	114.25 8.09 0.00	132.62 8.92 0.00	113.57 7.36 0.00
LOWER RAQUET___HYD 24057	58.57 -1.30 0.00	64.55 -1.30 0.00	72.96 -1.06 0.00	61.16 -0.89 0.00	70.56 -1.22 0.00	58.47 -1.84 0.00	53.06 -2.26 0.00	8.47 -0.39 0.00	10.57 -0.64 0.00	18.54 -1.28 0.00	66.60 -4.09 0.00	58.72 -3.71 0.00	74.23 -4.33 0.00	127.27 -5.55 0.00	130.85 -7.41 0.00	150.98 -6.12 0.00	149.61 -4.83 0.00	183.81 -5.70 0.00	143.04 -5.36 0.00	131.67 -5.11 0.00	132.99 -4.82 0.00	103.39 -2.77 0.00	121.45 -2.25 0.00	105.29 -0.92 0.00
LOWER___HUDSON 24059	63.23 3.36 0.00	71.39 3.62 -1.91	77.81 3.79 0.00	65.21 3.15 0.00	75.46 3.68 0.00	63.41 3.11 0.00	58.08 2.76 0.00	9.29 0.43 0.00	11.79 0.57 0.00	20.81 0.98 0.00	74.07 3.38 0.00	65.30 2.86 0.00	103.01 3.92 -20.53	139.75 6.90 -0.03	145.58 7.32 0.00	164.82 7.72 0.00	161.71 7.28 0.00	199.47 9.96 0.00	165.32 8.17 -8.75	160.72 7.40 -16.53	145.29 7.49 0.00	112.08 5.92 0.00	130.35 6.65 0.00	111.69 5.47 0.00
LOWVILLE_115KV_TB2 356335	60.55 0.68 0.00	67.13 1.22 -0.05	75.64 1.61 0.00	63.55 1.50 0.00	73.73 1.94 0.00	61.94 1.64 0.00	56.88 1.57 0.00	9.14 0.28 0.00	11.57 0.37 0.00	20.45 0.62 0.00	72.90 2.21 0.00	64.25 1.81 0.00	81.19 2.07 -0.57	136.62 3.79 0.00	142.01 3.75 0.00	161.93 4.83 0.00	159.67 5.23 0.00	196.64 7.12 0.00	153.86 5.22 -0.24	141.39 4.16 -0.46	141.97 4.17 0.00	109.49 3.33 0.00	127.06 3.36 0.00	109.41 3.19 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	63.84 3.96 0.00	72.07 4.28 -1.94	78.60 4.58 0.00	65.75 3.69 0.00	76.08 4.30 0.00	63.90 3.60 0.00	58.50 3.19 0.00	9.37 0.51 0.00	11.88 0.67 0.00	20.97 1.14 0.00	74.76 4.06 0.00	66.00 3.56 0.00	104.21 4.75 -20.90	141.06 8.20 -0.03	147.02 8.76 0.00	166.94 9.85 0.00	164.12 9.69 0.00	201.98 12.46 0.00	167.32 10.01 -8.91	162.68 9.07 -16.83	147.42 9.61 0.00	113.72 7.57 0.00	132.10 8.40 0.00	113.14 6.93 0.00

LUTHERNY_35_KV_BK2 355980	63.87 4.00 0.00	72.11 4.32 -1.94	78.65 4.62 0.00	65.76 3.70 0.00	76.05 4.26 0.00	63.89 3.59 0.00	58.53 3.21 0.00	9.37 0.52 0.00	11.89 0.68 0.00	20.98 1.16 0.00	74.75 4.05 0.00	66.02 3.59 0.00	104.25 4.80 -20.90	141.22 8.36 -0.03	147.03 8.77 0.00	167.09 9.99 0.00	164.49 10.06 0.00	202.12 12.60 0.00	167.46 10.15 -8.91	162.82 9.21 -16.83	147.51 9.70 0.00	113.81 7.66 0.00	132.08 8.38 0.00	113.11 6.91 0.00
LWR___OSWEGATCHIE_HYD 23850	59.32 -0.55 0.00	65.61 -0.28 -0.04	73.99 -0.03 0.00	62.10 0.05 0.00	71.82 0.03 0.00	59.89 -0.41 0.00	54.58 -0.74 0.00	8.75 -0.11 0.00	11.01 -0.20 0.00	19.38 -0.44 0.00	69.44 -1.26 0.00	61.19 -1.25 0.00	77.48 -1.50 -0.42	131.28 -1.55 0.00	135.87 -2.39 0.00	155.69 -1.40 0.00	153.85 -0.59 0.00	189.33 -0.19 0.00	147.83 -0.75 -0.18	135.98 -1.14 -0.34	136.84 -0.97 0.00	105.99 -0.17 0.00	123.78 0.08 0.00	107.00 0.79 0.00
LYONS_FALL_HYD 23570	61.01 1.14 0.00	67.47 1.56 -0.05	75.90 1.88 0.00	63.70 1.65 0.00	73.84 2.06 0.00	62.12 1.82 0.00	57.06 1.74 0.00	9.17 0.31 0.00	11.62 0.41 0.00	20.54 0.71 0.00	73.19 2.50 0.00	64.55 2.11 0.00	81.57 2.48 -0.53	137.17 4.35 0.00	142.77 4.52 0.00	162.58 5.48 0.00	160.07 5.64 0.00	196.87 7.36 0.00	154.16 5.53 -0.23	141.84 4.64 -0.43	142.40 4.60 0.00	109.75 3.59 0.00	127.49 3.79 0.00	109.58 3.37 0.00
MADISON___COUNTY_LFGE 323628	61.63 1.76 0.00	68.09 2.15 -0.09	76.40 2.38 0.00	64.06 2.00 0.00	74.19 2.40 0.00	62.55 2.25 0.00	57.51 2.19 0.00	9.24 0.38 0.00	11.72 0.51 0.00	20.74 0.91 0.00	73.87 3.18 0.00	65.13 2.69 0.00	82.62 3.12 -0.94	138.19 5.37 0.00	144.10 5.85 0.00	164.01 6.91 0.00	161.08 6.64 0.00	197.01 7.50 0.00	154.64 5.84 -0.40	142.65 5.11 -0.76	142.79 4.98 0.00	109.99 3.84 0.00	127.99 4.29 0.00	109.76 3.55 0.00
MALONE___115KV_TB1 356076	59.05 -0.82 0.00	65.13 -0.72 0.00	73.70 -0.32 0.00	61.74 -0.31 0.00	71.38 -0.41 0.00	59.38 -0.92 0.00	54.48 -0.84 0.00	8.72 -0.14 0.00	10.90 -0.31 0.00	19.29 -0.54 0.00	69.09 -1.61 0.00	61.00 -1.44 0.00	77.02 -1.54 0.00	131.15 -1.68 0.00	136.05 -2.20 0.00	156.46 -0.63 0.00	154.97 0.53 0.00	190.18 0.66 0.00	148.31 -0.09 0.00	136.53 -0.24 0.00	137.74 -0.06 0.00	106.11 -0.05 0.00	124.10 0.40 0.00	107.39 1.18 0.00
MAPLEWOD_115KV_TB3 80458	63.08 3.21 0.00	71.22 3.47 -1.90	77.63 3.62 0.00	65.03 2.97 0.00	75.30 3.52 0.00	63.28 2.98 0.00	57.95 2.63 0.00	9.26 0.40 0.00	11.75 0.54 0.00	20.77 0.94 0.00	73.98 3.28 0.00	65.18 2.74 0.00	102.68 3.72 -20.41	139.43 6.58 -0.03	145.06 6.81 0.00	164.04 6.94 0.00	160.81 6.38 0.00	198.56 9.05 0.00	164.64 7.53 -8.70	160.12 6.90 -16.44	144.56 6.76 0.00	111.63 5.47 0.00	130.13 6.43 0.00	111.45 5.24 0.00
MAPLE_RIDGE_WT_1 323574	59.31 -0.57 0.00	65.50 -0.35 0.00	73.75 -0.28 0.00	61.84 -0.21 0.00	71.55 -0.23 0.00	60.01 -0.30 0.00	55.06 -0.26 0.00	8.81 -0.05 0.00	11.13 -0.08 0.00	19.68 -0.15 0.00	70.13 -0.56 0.00	61.93 -0.51 0.00	78.00 -0.56 0.00	132.02 -0.80 0.00	137.18 -1.07 0.00	155.99 -1.11 0.00	153.33 -1.10 0.00	188.20 -1.31 0.00	146.96 -1.44 0.00	135.40 -1.37 0.00	136.56 -1.24 0.00	105.30 -0.85 0.00	122.70 -1.00 0.00	105.47 -0.74 0.00
MAPLE_RIDGE_WT_2 323611	59.31 -0.57 0.00	65.50 -0.35 0.00	73.75 -0.28 0.00	61.84 -0.21 0.00	71.55 -0.23 0.00	60.01 -0.30 0.00	55.06 -0.26 0.00	8.81 -0.05 0.00	11.13 -0.08 0.00	19.68 -0.15 0.00	70.13 -0.56 0.00	61.93 -0.51 0.00	78.00 -0.56 0.00	132.02 -0.80 0.00	137.18 -1.07 0.00	155.99 -1.11 0.00	153.33 -1.10 0.00	188.20 -1.31 0.00	146.96 -1.44 0.00	135.40 -1.37 0.00	136.56 -1.24 0.00	105.30 -0.85 0.00	122.70 -1.00 0.00	105.47 -0.74 0.00
MARBLE_RIVER_WT_PWR 323696	58.21 -1.66 0.00	64.20 -1.65 0.00	72.65 -1.37 0.00	60.86 -1.20 0.00	70.34 -1.45 0.00	58.54 -1.76 0.00	53.77 -1.55 0.00	8.60 -0.26 0.00	10.73 -0.48 0.00	19.00 -0.83 0.00	68.14 -2.56 0.00	60.25 -2.19 0.00	76.08 -2.48 0.00	129.32 -3.51 0.00	134.41 -3.85 0.00	154.10 -2.99 0.00	152.47 -1.96 0.00	187.29 -2.22 0.00	145.87 -2.52 0.00	134.34 -2.43 0.00	135.59 -2.21 0.00	104.13 -2.03 0.00	121.50 -2.21 0.00	105.28 -0.93 0.00
MARSHVLE_115KV_TB1 80742	62.74 2.87 0.00	71.08 3.04 -2.18	77.58 3.55 0.00	65.28 3.23 0.00	75.46 3.68 0.00	63.59 3.28 0.00	58.52 3.20 0.00	9.42 0.57 0.00	11.94 0.73 0.00	21.04 1.22 0.00	74.79 4.10 0.00	66.12 3.68 0.00	106.43 4.43 -23.45	140.02 7.16 -0.03	146.33 8.08 0.00	167.39 10.30 0.00	164.73 10.30 0.00	201.77 12.25 0.00	167.61 9.21 -10.00	164.03 8.37 -18.89	146.35 8.55 0.00	112.29 6.14 0.00	130.89 7.19 0.00	112.39 6.18 0.00
MARSH_HILL_WT_PWR 323713	57.83 -2.04 0.00	64.74 -1.44 -0.33	72.91 -1.12 0.00	60.92 -1.13 0.00	71.08 -0.71 0.00	59.90 -0.40 0.00	55.44 0.13 0.00	8.94 0.09 0.00	11.42 0.21 0.00	20.05 0.22 0.00	70.63 -0.07 0.00	62.31 -0.13 0.00	81.54 -0.42 -3.40	132.37 -0.46 0.00	137.18 -1.07 0.00	158.07 0.97 0.00	153.48 -0.95 0.00	186.63 -2.88 0.00	147.32 -2.53 -1.45	136.88 -2.63 -2.74	135.48 -2.33 0.00	104.33 -1.82 0.00	121.85 -1.86 0.00	105.25 -0.97 0.00
MCINTYRE_115KV_TB2 80467	59.63 -0.24 0.00	65.71 -0.14 0.00	74.28 0.26 0.00	62.24 0.19 0.00	71.94 0.16 0.00	59.77 -0.53 0.00	54.55 -0.77 0.00	8.71 -0.15 0.00	10.86 -0.35 0.00	18.99 -0.84 0.00	67.72 -2.98 0.00	59.50 -2.94 0.00	75.32 -3.24 0.00	129.36 -3.47 0.00	133.16 -5.09 0.00	154.83 -2.26 0.00	153.73 -0.70 0.00	189.22 -0.30 0.00	147.01 -1.39 0.00	135.30 -1.48 0.00	136.50 -1.30 0.00	105.51 -0.65 0.00	123.66 -0.04 0.00	107.01 0.79 0.00
MECO_____69_KV_BK1 80468	63.91 4.04 0.00	72.26 4.30 -2.10	78.84 4.82 0.00	66.19 4.14 0.00	76.60 4.82 0.00	64.49 4.19 0.00	59.30 3.98 0.00	9.54 0.69 0.00	12.08 0.87 0.00	21.23 1.40 0.00	75.53 4.84 0.00	66.63 4.19 0.00	106.33 5.20 -22.57	141.67 8.81 -0.03	148.36 10.11 0.00	169.84 12.74 0.00	167.42 12.99 0.00	205.69 16.17 0.00	170.50 12.47 -9.62	166.32 11.36 -18.18	149.22 11.42 0.00	114.76 8.60 0.00	133.47 9.77 0.00	114.40 8.19 0.00
MENANDS___115KV_TB5 355628	62.89 3.02 0.00	71.01 3.26 -1.89	77.41 3.39 0.00	64.84 2.79 0.00	75.07 3.28 0.00	63.10 2.79 0.00	57.75 2.44 0.00	9.22 0.37 0.00	11.70 0.49 0.00	20.70 0.87 0.00	73.68 2.98 0.00	64.88 2.44 0.00	102.27 3.35 -20.36	138.83 5.98 -0.03	144.36 6.10 0.00	163.05 5.96 0.00	159.81 5.38 0.00	197.41 7.90 0.00	163.76 6.68 -8.68	159.28 6.10 -16.40	143.69 5.89 0.00	111.08 4.92 0.00	129.56 5.86 0.00	111.01 4.80 0.00
MG INDUSTRY___DRP 24185	62.65 2.78 0.00	70.76 3.05 -1.85	77.22 3.20 0.00	64.66 2.60 0.00	74.89 3.10 0.00	62.91 2.60 0.00	57.60 2.28 0.00	9.20 0.35 0.00	11.65 0.44 0.00	20.61 0.79 0.00	73.49 2.79 0.00	64.67 2.23 0.00	101.48 2.99 -19.93	138.26 5.40 -0.03	143.92 5.67 0.00	162.84 5.75 0.00	159.66 5.23 0.00	196.73 7.22 0.00	162.99 6.09 -8.50	158.45 5.61 -16.06	143.25 5.44 0.00	110.64 4.48 0.00	129.04 5.34 0.00	110.68 4.47 0.00

MID___OSWEGATCHIE_HYD 23849	59.32 -0.55 0.00	65.61 -0.28 -0.04	73.99 -0.03 0.00	62.10 0.05 0.00	71.82 0.03 0.00	59.89 -0.41 0.00	54.58 -0.74 0.00	8.75 -0.11 0.00	11.01 -0.20 0.00	19.38 -0.44 0.00	69.44 -1.26 0.00	61.19 -1.25 0.00	77.48 -1.50 -0.42	131.28 -1.55 0.00	135.87 -2.39 0.00	155.69 -1.40 0.00	153.85 -0.59 0.00	189.33 -0.19 0.00	147.83 -0.75 -0.18	135.98 -1.14 -0.34	136.84 -0.97 0.00	105.99 -0.17 0.00	123.78 0.08 0.00	107.00 0.79 0.00
MID___RAQUETTE_HYD 23851	58.57 -1.30 0.00	64.56 -1.30 0.00	72.96 -1.06 0.00	61.17 -0.89 0.00	70.56 -1.22 0.00	58.47 -1.84 0.00	53.06 -2.26 0.00	8.47 -0.39 0.00	10.57 -0.64 0.00	18.54 -1.28 0.00	66.61 -4.09 0.00	58.73 -3.71 0.00	74.23 -4.32 0.00	127.28 -5.55 0.00	130.85 -7.40 0.00	150.98 -6.11 0.00	149.60 -4.83 0.00	183.81 -5.70 0.00	143.05 -5.35 0.00	131.67 -5.11 0.00	132.99 -4.81 0.00	103.39 -2.77 0.00	121.45 -2.25 0.00	105.29 -0.92 0.00
MILLIKEN___1 23584	61.32 1.45 0.00	67.72 1.55 -0.32	75.74 1.72 0.00	63.50 1.45 0.00	73.67 1.89 0.00	62.14 1.84 0.00	57.21 1.89 0.00	9.21 0.35 0.00	11.71 0.50 0.00	20.69 0.86 0.00	73.55 2.85 0.00	64.97 2.53 0.00	84.11 2.23 -3.32	136.22 3.38 0.00	142.08 3.83 0.00	162.03 4.94 0.00	158.81 4.38 0.00	194.25 4.74 0.00	153.27 3.46 -1.42	142.49 3.04 -2.68	140.65 2.85 0.00	108.37 2.21 0.00	126.40 2.70 0.00	108.52 2.31 0.00
MILLIKEN___2 23585	61.32 1.45 0.00	67.72 1.55 -0.32	75.74 1.72 0.00	63.50 1.45 0.00	73.67 1.89 0.00	62.14 1.84 0.00	57.21 1.89 0.00	9.21 0.35 0.00	11.71 0.50 0.00	20.69 0.86 0.00	73.55 2.85 0.00	64.97 2.53 0.00	84.11 2.23 -3.32	136.22 3.38 0.00	142.08 3.83 0.00	162.03 4.94 0.00	158.81 4.38 0.00	194.25 4.74 0.00	153.27 3.46 -1.42	142.49 3.04 -2.68	140.65 2.85 0.00	108.37 2.21 0.00	126.40 2.70 0.00	108.52 2.31 0.00
MILLIKEN___DIESEL 23629	61.32 1.45 0.00	67.72 1.55 -0.32	75.74 1.72 0.00	63.50 1.45 0.00	73.67 1.89 0.00	62.14 1.84 0.00	57.21 1.89 0.00	9.21 0.35 0.00	11.71 0.50 0.00	20.69 0.86 0.00	73.55 2.85 0.00	64.97 2.53 0.00	84.11 2.23 -3.32	136.22 3.38 0.00	142.08 3.83 0.00	162.03 4.94 0.00	158.81 4.38 0.00	194.25 4.74 0.00	153.27 3.46 -1.42	142.49 3.04 -2.68	140.65 2.85 0.00	108.37 2.21 0.00	126.40 2.70 0.00	108.52 2.31 0.00
MILLSEAT___LFGE 323607	57.42 -2.45 0.00	63.50 -2.59 -0.23	71.09 -2.94 0.00	59.65 -2.41 0.00	69.36 -2.42 0.00	58.40 -1.90 0.00	53.86 -1.46 0.00	8.63 -0.23 0.00	10.97 -0.23 0.00	19.27 -0.56 0.00	67.70 -2.99 0.00	59.74 -2.70 0.00	77.40 -3.54 -2.38	126.21 -6.62 0.00	132.13 -6.13 0.00	152.48 -4.61 0.00	147.13 -7.30 0.00	179.06 -10.46 0.00	139.77 -9.65 -1.02	128.41 -10.30 -1.93	127.68 -10.12 -0.01	98.64 -7.52 0.00	116.11 -7.59 0.00	100.61 -5.60 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	63.94 4.07 0.00	71.61 4.21 -1.55	78.19 4.16 0.00	65.38 3.33 0.00	75.68 3.90 0.00	63.70 3.39 0.00	58.44 3.12 0.00	9.39 0.53 0.00	11.96 0.75 0.00	21.24 1.42 0.00	76.58 5.88 0.00	67.67 5.22 0.00	101.59 6.53 -16.50	143.85 11.00 -0.02	149.72 11.46 0.00	168.54 11.45 0.00	165.43 11.00 0.00	202.77 13.26 0.00	167.14 11.70 -7.03	161.18 11.11 -13.29	148.91 11.11 0.00	114.84 8.68 0.00	133.34 9.64 0.00	114.15 7.94 0.00
MILLWOOD_13_KV_LOAD 356217	64.01 4.14 0.00	71.68 4.28 -1.55	78.28 4.26 0.00	65.45 3.40 0.00	75.77 3.99 0.00	63.78 3.47 0.00	58.50 3.18 0.00	9.40 0.55 0.00	11.98 0.77 0.00	21.28 1.45 0.00	76.68 5.99 0.00	67.76 5.32 0.00	101.69 6.63 -16.50	144.11 11.25 -0.02	149.98 11.73 0.00	168.82 11.73 0.00	165.69 11.26 0.00	203.15 13.64 0.00	167.42 11.98 -7.03	161.44 11.37 -13.29	149.14 11.34 0.00	115.05 8.90 0.00	133.53 9.83 0.00	114.35 8.14 0.00
MODEL_CITY_ENERGY 24167	55.48 -4.39 0.00	61.44 -4.65 -0.24	68.82 -5.20 0.00	57.76 -4.29 0.00	67.17 -4.62 0.00	56.52 -3.79 0.00	52.09 -3.23 0.00	8.32 -0.53 0.00	10.59 -0.62 0.00	18.53 -1.29 0.00	65.02 -5.68 0.00	57.40 -5.05 0.00	74.63 -6.44 -2.52	121.02 -11.81 0.00	126.71 -11.54 0.00	146.53 -10.57 0.00	140.75 -13.69 0.00	170.74 -18.77 0.00	133.22 -16.25 -1.07	122.42 -16.39 -2.04	121.79 -16.01 0.00	94.29 -11.86 0.00	111.33 -12.38 0.00	96.76 -9.45 0.00
MODERN_LFGE___ 323580	55.48 -4.39 0.00	61.44 -4.65 -0.24	68.82 -5.20 0.00	57.76 -4.29 0.00	67.17 -4.62 0.00	56.52 -3.79 0.00	52.09 -3.23 0.00	8.32 -0.53 0.00	10.59 -0.62 0.00	18.53 -1.29 0.00	65.02 -5.68 0.00	57.40 -5.05 0.00	74.63 -6.44 -2.52	121.02 -11.81 0.00	126.71 -11.54 0.00	146.53 -10.57 0.00	140.75 -13.69 0.00	170.74 -18.77 0.00	133.22 -16.25 -1.07	122.42 -16.39 -2.04	121.79 -16.01 0.00	94.29 -11.86 0.00	111.33 -12.38 0.00	96.76 -9.45 0.00
MOHAWK_PAPER___DRP 24187	63.08 3.21 0.00	71.22 3.47 -1.90	77.63 3.62 0.00	65.03 2.97 0.00	75.30 3.52 0.00	63.28 2.98 0.00	57.95 2.63 0.00	9.26 0.40 0.00	11.75 0.54 0.00	20.77 0.94 0.00	73.98 3.28 0.00	65.18 2.74 0.00	102.68 3.72 -20.41	139.43 6.58 -0.03	145.06 6.81 0.00	164.04 6.94 0.00	160.81 6.38 0.00	198.56 9.05 0.00	164.64 7.53 -8.70	160.12 6.90 -16.44	144.56 6.76 0.00	111.63 5.47 0.00	130.13 6.43 0.00	111.45 5.24 0.00
MOHICAN___35_KV_115KV_LD 80490	64.45 4.57 0.00	72.68 4.88 -1.95	79.31 5.29 0.00	66.23 4.17 0.00	76.62 4.83 0.00	64.22 3.92 0.00	58.65 3.33 0.00	9.37 0.52 0.00	11.89 0.68 0.00	20.95 1.12 0.00	74.77 4.07 0.00	66.14 3.70 0.00	104.51 5.03 -20.92	141.29 8.43 -0.03	147.55 9.30 0.00	167.90 10.80 0.00	165.17 10.73 0.00	203.65 14.14 0.00	168.49 11.17 -8.92	163.58 9.95 -16.85	149.27 11.47 0.00	115.27 9.11 0.00	133.83 10.13 0.00	114.44 8.23 0.00
MONGAUP___HYD 23641	63.50 3.63 0.00	71.02 3.78 -1.38	77.94 3.92 0.00	65.23 3.17 0.00	75.52 3.73 0.00	63.55 3.25 0.00	58.32 3.00 0.00	9.38 0.53 0.00	11.95 0.74 0.00	21.18 1.35 0.00	75.87 5.18 0.00	67.11 4.67 0.00	99.56 5.88 -15.13	142.99 10.14 -0.02	148.84 10.58 0.00	168.11 11.02 0.00	164.84 10.41 0.00	200.70 11.19 0.00	164.61 9.76 -6.45	158.34 9.38 -12.18	148.11 10.31 0.00	114.23 8.07 0.00	132.56 8.86 0.00	113.53 7.32 0.00
MONTAUK___DIESEL 23721	65.92 6.05 0.00	74.13 6.72 -1.56	80.93 6.91 0.00	68.57 6.52 0.00	79.41 7.62 0.00	67.17 6.87 0.00	61.93 6.62 0.00	20.84 1.17 -10.82	99.56 1.50 -86.86	33.15 2.92 -10.40	237.52 10.93 -155.90	167.71 9.52 -95.76	118.66 13.07 -27.03	159.34 21.54 -4.97	165.21 22.44 -4.52	170.70 22.78 9.18	165.22 18.79 7.99	197.36 17.94 10.10	164.18 19.69 3.92	162.68 18.64 -7.27	159.29 19.76 -1.73	141.65 12.81 -22.68	144.34 12.77 -7.87	118.55 9.96 -2.39
MOONROAD_115KV_HARTFLD_TB1-2 355988	57.92 -1.95 0.00	64.51 -1.62 -0.27	72.49 -1.54 0.00	60.53 -1.52 0.00	70.19 -1.59 0.00	59.01 -1.29 0.00	54.39 -0.93 0.00	8.72 -0.13 0.00	11.19 -0.02 0.00	19.74 -0.09 0.00	69.50 -1.20 0.00	61.24 -1.20 0.00	79.65 -1.78 -2.87	129.13 -3.70 0.00	135.12 -3.14 0.00	155.83 -1.26 0.00	150.68 -3.75 0.00	183.10 -6.42 0.00	143.41 -6.21 -1.23	132.31 -6.78 -2.31	131.34 -6.46 0.00	101.54 -4.62 0.00	119.10 -4.61 0.00	101.73 -4.48 0.00

MORRIS_RIDGE___SOLAR 323848	57.35 -2.52 0.00	63.94 -2.23 -0.31	71.87 -2.16 0.00	60.10 -1.95 0.00	69.95 -1.83 0.00	58.90 -1.40 0.00	54.37 -0.95 0.00	8.75 -0.11 0.00	11.13 -0.08 0.00	19.56 -0.27 0.00	68.94 -1.76 0.00	60.91 -1.54 0.00	79.53 -2.32 -3.29	128.67 -4.16 0.00	134.13 -4.12 0.00	154.14 -2.96 0.00	149.64 -4.79 0.00	181.71 -7.80 0.00	143.33 -6.48 -1.40	132.89 -6.54 -2.65	131.45 -6.35 0.00	101.51 -4.65 0.00	118.96 -4.74 0.00	102.87 -3.34 0.00
MORTIMER_115KV_TB3 55949	58.41 -1.46 0.00	64.50 -1.55 -0.19	72.16 -1.86 0.00	60.58 -1.48 0.00	70.26 -1.52 0.00	59.23 -1.07 0.00	54.54 -0.78 0.00	8.75 -0.11 0.00	11.12 -0.09 0.00	19.60 -0.22 0.00	69.23 -1.47 0.00	61.13 -1.31 0.00	78.72 -1.87 -2.03	129.26 -3.57 0.00	135.15 -3.11 0.00	154.79 -2.30 0.00	150.45 -3.98 0.00	183.51 -6.01 0.00	143.57 -5.70 -0.87	132.25 -6.16 -1.64	131.65 -6.15 0.00	101.54 -4.62 0.00	118.99 -4.71 0.00	102.69 -3.52 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	64.18 4.31 0.00	71.84 4.42 -1.56	78.35 4.33 0.00	65.51 3.46 0.00	75.82 4.04 0.00	63.84 3.54 0.00	58.56 3.25 0.00	9.42 0.56 0.00	12.00 0.79 0.00	21.34 1.52 0.00	77.10 6.40 0.00	68.15 5.71 0.00	102.30 7.14 -16.60	144.81 11.96 -0.02	150.74 12.49 0.00	169.54 12.45 0.00	166.42 11.99 0.00	203.74 14.22 0.00	168.22 12.74 -7.08	162.29 12.14 -13.37	149.93 12.13 0.00	115.67 9.51 0.00	134.25 10.55 0.00	114.91 8.70 0.00
MUNSVILLE_WIND_PWR 323609	63.69 3.82 0.00	69.41 3.06 -0.49	78.13 4.11 0.00	66.24 4.19 0.00	77.07 5.29 0.00	64.91 4.60 0.00	60.51 5.19 0.00	9.83 0.97 0.00	12.60 1.39 0.00	22.32 2.49 0.00	79.19 8.50 0.00	70.31 7.87 0.00	92.77 9.10 -5.12	147.35 14.51 -0.01	153.42 15.16 0.00	175.06 17.96 0.00	172.24 17.80 0.00	209.66 20.14 0.00	166.31 15.72 -2.18	154.61 13.71 -4.12	150.16 12.36 0.00	115.25 9.09 0.00	134.27 10.56 0.00	114.81 8.60 0.00
N SALMON___HYD 24042	59.05 -0.82 0.00	65.13 -0.73 0.00	73.70 -0.32 0.00	61.75 -0.31 0.00	71.38 -0.41 0.00	59.39 -0.92 0.00	54.48 -0.84 0.00	8.72 -0.14 0.00	10.90 -0.31 0.00	19.29 -0.54 0.00	69.09 -1.60 0.00	61.01 -1.43 0.00	77.02 -1.54 0.00	131.15 -1.68 0.00	136.05 -2.20 0.00	156.47 -0.63 0.00	154.97 0.54 0.00	190.18 0.67 0.00	148.30 -0.10 0.00	136.53 -0.24 0.00	137.74 -0.06 0.00	106.11 -0.05 0.00	124.10 0.40 0.00	107.39 1.18 0.00
N.AKRON__115KV_KNAPP 355671	57.00 -2.87 0.00	63.07 -3.02 -0.23	70.60 -3.42 0.00	59.24 -2.81 0.00	68.93 -2.86 0.00	58.01 -2.30 0.00	53.49 -1.83 0.00	8.56 -0.29 0.00	10.90 -0.31 0.00	19.11 -0.72 0.00	67.09 -3.60 0.00	59.23 -3.21 0.00	76.78 -4.19 -2.41	125.13 -7.70 0.00	130.98 -7.27 0.00	151.24 -5.86 0.00	145.72 -8.71 0.00	177.11 -12.40 0.00	138.11 -11.31 -1.03	126.93 -11.81 -1.96	126.30 -11.50 -0.01	97.62 -8.54 0.00	114.99 -8.71 0.00	99.79 -6.42 0.00
N.BELMOR_69_KV_BK1 55787	65.11 5.22 -0.01	72.85 5.43 -1.57	79.59 5.56 0.00	66.58 4.53 0.00	77.02 5.24 0.00	64.77 4.46 0.00	59.53 4.20 -0.01	23.20 0.79 -13.55	78.55 1.10 -66.25	33.45 1.97 -11.65	253.46 7.97 -174.80	186.63 7.11 -117.08	181.61 8.87 -94.18	212.22 15.05 -64.34	216.02 15.72 -62.05	215.91 15.70 -43.11	206.42 15.39 -36.60	235.61 17.16 -28.94	204.93 15.80 -40.73	205.73 14.90 -54.06	215.70 15.02 -62.87	243.94 11.88 -125.90	191.46 13.11 -54.65	149.02 11.22 -31.59
N.E_GEN_SANDY PD 24062	102.46 3.86 -38.73	74.49 4.12 -4.51	66.40 4.18 11.80	65.47 3.42 0.00	76.63 4.05 -0.80	72.63 3.46 -8.87	70.09 3.11 -11.66	43.09 0.51 -33.72	43.32 0.69 -31.42	34.16 1.20 -13.13	68.09 4.29 6.90	62.64 3.59 3.38	113.43 4.84 -30.03	141.43 8.57 -0.03	147.21 8.96 0.00	167.84 9.16 -1.58	162.97 8.54 0.00	200.96 11.45 0.00	164.64 9.69 -6.55	159.79 8.85 -14.16	146.56 8.76 0.00	114.70 6.89 -1.65	130.15 7.58 1.13	112.54 6.33 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	63.30 3.43 0.00	70.89 3.60 -1.44	77.96 3.94 0.00	65.18 3.13 0.00	75.42 3.64 0.00	63.48 3.18 0.00	58.26 2.94 0.00	9.36 0.50 0.00	11.92 0.71 0.00	21.17 1.34 0.00	76.37 5.67 0.00	67.51 5.07 0.00	100.78 6.28 -15.94	143.33 10.48 -0.02	149.16 10.91 0.00	167.92 10.82 0.00	164.87 10.44 0.00	202.24 12.72 0.00	166.40 11.20 -6.80	160.28 10.66 -12.84	148.38 10.58 0.00	114.45 8.29 0.00	132.84 9.13 0.00	113.74 7.53 0.00
N.QUEENS_27_KV_LOAD 356247	64.32 4.45 0.00	71.95 4.53 -1.56	78.46 4.44 0.00	65.58 3.53 0.00	75.87 4.09 0.00	63.92 3.62 0.00	58.68 3.37 0.00	9.44 0.58 0.00	12.03 0.82 0.00	21.42 1.59 0.00	77.51 6.81 0.00	68.46 6.02 0.00	102.62 7.45 -16.60	145.42 12.57 -0.02	151.01 12.76 0.00	169.60 12.51 0.00	166.72 12.29 0.00	204.20 14.68 0.00	168.75 13.27 -7.08	163.11 12.96 -13.37	150.61 12.80 0.00	116.20 10.04 0.00	134.85 11.15 0.00	115.50 9.29 0.00
N.TROY___115KV_TB1 355778	63.23 3.36 0.00	71.39 3.63 -1.91	77.81 3.79 0.00	65.21 3.15 0.00	75.46 3.68 0.00	63.41 3.11 0.00	58.08 2.76 0.00	9.29 0.43 0.00	11.79 0.57 0.00	20.81 0.98 0.00	74.07 3.38 0.00	65.29 2.85 0.00	103.01 3.92 -20.53	139.76 6.90 -0.03	145.58 7.33 0.00	164.82 7.73 0.00	161.71 7.28 0.00	199.48 9.97 0.00	165.34 8.19 -8.75	160.72 7.41 -16.53	145.28 7.48 0.00	112.08 5.92 0.00	130.35 6.65 0.00	111.69 5.48 0.00
NARROWS_GT1_1 24228	67.19 4.75 -2.56	72.31 4.89 -1.56	78.82 4.80 0.00	65.90 3.85 0.00	76.22 4.43 0.00	64.23 3.92 0.00	61.90 3.68 -2.90	9.47 0.62 0.00	12.08 0.87 0.00	29.86 1.69 -8.34	365.50 7.22 -287.58	119.52 6.41 -50.67	127.91 7.92 -41.43	145.92 13.07 -0.02	151.86 13.60 0.00	170.72 13.62 0.00	167.64 13.21 0.00	205.23 15.70 -0.02	203.07 14.15 -40.52	333.33 13.72 -182.83	176.34 13.45 -25.08	157.80 10.61 -41.03	197.70 11.77 -62.22	121.69 9.71 -5.78
NARROWS_GT1_2 24229	67.19 4.75 -2.56	72.31 4.89 -1.56	78.82 4.80 0.00	65.90 3.85 0.00	76.22 4.43 0.00	64.23 3.92 0.00	61.90 3.68 -2.90	9.47 0.62 0.00	12.08 0.87 0.00	29.86 1.69 -8.34	365.50 7.22 -287.58	119.52 6.41 -50.67	127.91 7.92 -41.43	145.92 13.07 -0.02	151.86 13.60 0.00	170.72 13.62 0.00	167.64 13.21 0.00	205.23 15.70 -0.02	203.07 14.15 -40.52	333.33 13.72 -182.83	176.34 13.45 -25.08	157.80 10.61 -41.03	197.70 11.77 -62.22	121.69 9.71 -5.78
NARROWS_GT1_3 24230	67.19 4.75 -2.56	72.31 4.89 -1.56	78.82 4.80 0.00	65.90 3.85 0.00	76.22 4.43 0.00	64.23 3.92 0.00	61.90 3.68 -2.90	9.47 0.62 0.00	12.08 0.87 0.00	29.86 1.69 -8.34	365.50 7.22 -287.58	119.52 6.41 -50.67	127.91 7.92 -41.43	145.92 13.07 -0.02	151.86 13.60 0.00	170.72 13.62 0.00	167.64 13.21 0.00	205.23 15.70 -0.02	203.07 14.15 -40.52	333.33 13.72 -182.83	176.34 13.45 -25.08	157.80 10.61 -41.03	197.70 11.77 -62.22	121.69 9.71 -5.78
NARROWS_GT1_4 24231	67.19 4.75 -2.56	72.31 4.89 -1.56	78.82 4.80 0.00	65.90 3.85 0.00	76.22 4.43 0.00	64.23 3.92 0.00	61.90 3.68 -2.90	9.47 0.62 0.00	12.08 0.87 0.00	29.86 1.69 -8.34	365.50 7.22 -287.58	119.52 6.41 -50.67	127.91 7.92 -41.43	145.92 13.07 -0.02	151.86 13.60 0.00	170.72 13.62 0.00	167.64 13.21 0.00	205.23 15.70 -0.02	203.07 14.15 -40.52	333.33 13.72 -182.83	176.34 13.45 -25.08	157.80 10.61 -41.03	197.70 11.77 -62.22	121.69 9.71 -5.78

NARROWS_GT1_5 24232	67.19 4.75 -2.56	72.31 4.89 -1.56	78.82 4.80 0.00	65.90 3.85 0.00	76.22 4.43 0.00	64.23 3.92 0.00	61.90 3.68 -2.90	9.47 0.62 0.00	12.08 0.87 0.00	29.86 1.69 -8.34	365.50 7.22 -287.58	119.52 6.41 -50.67	127.91 7.92 -41.43	145.92 13.07 -0.02	151.86 13.60 0.00	170.72 13.62 0.00	167.64 13.21 0.00	205.23 15.70 -0.02	203.07 14.15 -40.52	333.33 13.72 -182.83	176.34 13.45 -25.08	157.80 10.61 -41.03	197.70 11.77 -62.22	121.69 9.71 -5.78
NARROWS_GT1_6 24233	67.19 4.75 -2.56	72.31 4.89 -1.56	78.82 4.80 0.00	65.90 3.85 0.00	76.22 4.43 0.00	64.23 3.92 0.00	61.90 3.68 -2.90	9.47 0.62 0.00	12.08 0.87 0.00	29.86 1.69 -8.34	365.50 7.22 -287.58	119.52 6.41 -50.67	127.91 7.92 -41.43	145.92 13.07 -0.02	151.86 13.60 0.00	170.72 13.62 0.00	167.64 13.21 0.00	205.23 15.70 -0.02	203.07 14.15 -40.52	333.33 13.72 -182.83	176.34 13.45 -25.08	157.80 10.61 -41.03	197.70 11.77 -62.22	121.69 9.71 -5.78
NARROWS_GT1_7 24234	67.19 4.75 -2.56	72.31 4.89 -1.56	78.82 4.80 0.00	65.90 3.85 0.00	76.22 4.43 0.00	64.23 3.92 0.00	61.90 3.68 -2.90	9.47 0.62 0.00	12.08 0.87 0.00	29.86 1.69 -8.34	365.50 7.22 -287.58	119.52 6.41 -50.67	127.91 7.92 -41.43	145.92 13.07 -0.02	151.86 13.60 0.00	170.72 13.62 0.00	167.64 13.21 0.00	205.23 15.70 -0.02	203.07 14.15 -40.52	333.33 13.72 -182.83	176.34 13.45 -25.08	157.80 10.61 -41.03	197.70 11.77 -62.22	121.69 9.71 -5.78
NARROWS_GT1_8 24235	67.19 4.75 -2.56	72.31 4.89 -1.56	78.82 4.80 0.00	65.90 3.85 0.00	76.22 4.43 0.00	64.23 3.92 0.00	61.90 3.68 -2.90	9.47 0.62 0.00	12.08 0.87 0.00	29.86 1.69 -8.34	365.50 7.22 -287.58	119.52 6.41 -50.67	127.91 7.92 -41.43	145.92 13.07 -0.02	151.86 13.60 0.00	170.72 13.62 0.00	167.64 13.21 0.00	205.23 15.70 -0.02	203.07 14.15 -40.52	333.33 13.72 -182.83	176.34 13.45 -25.08	157.80 10.61 -41.03	197.70 11.77 -62.22	121.69 9.71 -5.78
NARROWS_GT2_1 24236	67.19 4.75 -2.56	72.31 4.89 -1.56	78.82 4.80 0.00	65.90 3.85 0.00	76.22 4.43 0.00	64.23 3.92 0.00	61.90 3.68 -2.90	9.47 0.62 0.00	12.08 0.87 0.00	29.86 1.69 -8.34	365.50 7.22 -287.58	119.52 6.41 -50.67	127.91 7.92 -41.43	145.92 13.07 -0.02	151.86 13.60 0.00	170.72 13.62 0.00	167.64 13.21 0.00	205.23 15.70 -0.02	203.07 14.15 -40.52	333.33 13.72 -182.83	176.34 13.45 -25.08	157.80 10.61 -41.03	197.70 11.77 -62.22	121.69 9.71 -5.78
NARROWS_GT2_2 24237	67.19 4.75 -2.56	72.31 4.89 -1.56	78.82 4.80 0.00	65.90 3.85 0.00	76.22 4.43 0.00	64.23 3.92 0.00	61.90 3.68 -2.90	9.47 0.62 0.00	12.08 0.87 0.00	29.86 1.69 -8.34	365.50 7.22 -287.58	119.52 6.41 -50.67	127.91 7.92 -41.43	145.92 13.07 -0.02	151.86 13.60 0.00	170.72 13.62 0.00	167.64 13.21 0.00	205.23 15.70 -0.02	203.07 14.15 -40.52	333.33 13.72 -182.83	176.34 13.45 -25.08	157.80 10.61 -41.03	197.70 11.77 -62.22	121.69 9.71 -5.78
NARROWS_GT2_3 24238	67.19 4.75 -2.56	72.31 4.89 -1.56	78.82 4.80 0.00	65.90 3.85 0.00	76.22 4.43 0.00	64.23 3.92 0.00	61.90 3.68 -2.90	9.47 0.62 0.00	12.08 0.87 0.00	29.86 1.69 -8.34	365.50 7.22 -287.58	119.52 6.41 -50.67	127.91 7.92 -41.43	145.92 13.07 -0.02	151.86 13.60 0.00	170.72 13.62 0.00	167.64 13.21 0.00	205.23 15.70 -0.02	203.07 14.15 -40.52	333.33 13.72 -182.83	176.34 13.45 -25.08	157.80 10.61 -41.03	197.70 11.77 -62.22	121.69 9.71 -5.78
NARROWS_GT2_4 24239	67.19 4.75 -2.56	72.31 4.89 -1.56	78.82 4.80 0.00	65.90 3.85 0.00	76.22 4.43 0.00	64.23 3.92 0.00	61.90 3.68 -2.90	9.47 0.62 0.00	12.08 0.87 0.00	29.86 1.69 -8.34	365.50 7.22 -287.58	119.52 6.41 -50.67	127.91 7.92 -41.43	145.92 13.07 -0.02	151.86 13.60 0.00	170.72 13.62 0.00	167.64 13.21 0.00	205.23 15.70 -0.02	203.07 14.15 -40.52	333.33 13.72 -182.83	176.34 13.45 -25.08	157.80 10.61 -41.03	197.70 11.77 -62.22	121.69 9.71 -5.78
NARROWS_GT2_5 24240	67.19 4.75 -2.56	72.31 4.89 -1.56	78.82 4.80 0.00	65.90 3.85 0.00	76.22 4.43 0.00	64.23 3.92 0.00	61.90 3.68 -2.90	9.47 0.62 0.00	12.08 0.87 0.00	29.86 1.69 -8.34	365.50 7.22 -287.58	119.52 6.41 -50.67	127.91 7.92 -41.43	145.92 13.07 -0.02	151.86 13.60 0.00	170.72 13.62 0.00	167.64 13.21 0.00	205.23 15.70 -0.02	203.07 14.15 -40.52	333.33 13.72 -182.83	176.34 13.45 -25.08	157.80 10.61 -41.03	197.70 11.77 -62.22	121.69 9.71 -5.78
NARROWS_GT2_6 24241	67.19 4.75 -2.56	72.31 4.89 -1.56	78.82 4.80 0.00	65.90 3.85 0.00	76.22 4.43 0.00	64.23 3.92 0.00	61.90 3.68 -2.90	9.47 0.62 0.00	12.08 0.87 0.00	29.86 1.69 -8.34	365.50 7.22 -287.58	119.52 6.41 -50.67	127.91 7.92 -41.43	145.92 13.07 -0.02	151.86 13.60 0.00	170.72 13.62 0.00	167.64 13.21 0.00	205.23 15.70 -0.02	203.07 14.15 -40.52	333.33 13.72 -182.83	176.34 13.45 -25.08	157.80 10.61 -41.03	197.70 11.77 -62.22	121.69 9.71 -5.78
NARROWS_GT2_7 24242	67.19 4.75 -2.56	72.31 4.89 -1.56	78.82 4.80 0.00	65.90 3.85 0.00	76.22 4.43 0.00	64.23 3.92 0.00	61.90 3.68 -2.90	9.47 0.62 0.00	12.08 0.87 0.00	29.86 1.69 -8.34	365.50 7.22 -287.58	119.52 6.41 -50.67	127.91 7.92 -41.43	145.92 13.07 -0.02	151.86 13.60 0.00	170.72 13.62 0.00	167.64 13.21 0.00	205.23 15.70 -0.02	203.07 14.15 -40.52	333.33 13.72 -182.83	176.34 13.45 -25.08	157.80 10.61 -41.03	197.70 11.77 -62.22	121.69 9.71 -5.78
NARROWS_GT2_8 24243	67.19 4.75 -2.56	72.31 4.89 -1.56	78.82 4.80 0.00	65.90 3.85 0.00	76.22 4.43 0.00	64.23 3.92 0.00	61.90 3.68 -2.90	9.47 0.62 0.00	12.08 0.87 0.00	29.86 1.69 -8.34	365.50 7.22 -287.58	119.52 6.41 -50.67	127.91 7.92 -41.43	145.92 13.07 -0.02	151.86 13.60 0.00	170.72 13.62 0.00	167.64 13.21 0.00	205.23 15.70 -0.02	203.07 14.15 -40.52	333.33 13.72 -182.83	176.34 13.45 -25.08	157.80 10.61 -41.03	197.70 11.77 -62.22	121.69 9.71 -5.78
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	64.09 4.22 0.00	72.20 4.55 -1.80	78.91 4.89 0.00	66.08 4.03 0.00	76.55 4.76 0.00	64.34 4.04 0.00	58.93 3.61 0.00	9.42 0.56 0.00	11.94 0.73 0.00	21.03 1.21 0.00	75.16 4.47 0.00	65.88 3.44 0.00	102.46 4.58 -19.32	141.26 8.40 -0.03	147.43 9.18 0.00	167.13 10.03 0.00	164.03 9.60 0.00	202.84 13.33 0.00	167.26 10.63 -8.24	161.82 9.48 -15.56	147.06 9.26 0.00	113.49 7.33 0.00	132.41 8.71 0.00	113.30 7.09 0.00
NCHELSEA_115KV_TR2 355582	64.42 4.55 0.00	72.18 4.78 -1.54	78.95 4.93 0.00	66.00 3.95 0.00	76.45 4.67 0.00	64.33 4.03 0.00	59.02 3.70 0.00	9.49 0.63 0.00	12.09 0.88 0.00	21.45 1.62 0.00	77.03 6.33 0.00	68.00 5.55 0.00	102.17 7.01 -16.60	144.87 12.02 -0.02	150.86 12.61 0.00	170.16 13.06 0.00	166.94 12.51 0.00	204.86 15.35 0.00	168.65 13.17 -7.08	162.45 12.30 -13.37	150.05 12.24 0.00	115.70 9.54 0.00	134.24 10.54 0.00	114.99 8.78 0.00
NEG CAPITAL___MECHNVIL 23645	63.97 4.10 0.00	72.20 4.41 -1.93	78.74 4.71 0.00	65.89 3.84 0.00	76.25 4.47 0.00	64.04 3.74 0.00	58.66 3.34 0.00	9.39 0.54 0.00	11.92 0.71 0.00	21.04 1.21 0.00	75.03 4.33 0.00	66.20 3.76 0.00	104.39 5.05 -20.79	141.55 8.69 -0.03	147.54 9.28 0.00	167.45 10.36 0.00	164.62 10.19 0.00	202.67 13.15 0.00	167.84 10.58 -8.86	163.11 9.59 -16.74	147.74 9.94 0.00	113.95 7.79 0.00	132.33 8.63 0.00	113.34 7.13 0.00

NEG CENTRAL_HIGH_ACRES 23767	57.78 -2.09 0.00	63.80 -2.24 -0.19	71.37 -2.65 0.00	59.92 -2.13 0.00	69.46 -2.32 0.00	58.60 -1.71 0.00	53.94 -1.37 0.00	8.65 -0.20 0.00	11.00 -0.21 0.00	19.42 -0.41 0.00	68.72 -1.98 0.00	60.64 -1.80 0.00	77.96 -2.56 -1.96	128.04 -4.79 0.00	133.84 -4.42 0.00	153.12 -3.98 0.00	149.08 -5.35 0.00	182.00 -7.51 0.00	142.51 -6.72 -0.84	131.35 -7.00 -1.58	130.80 -7.00 0.00	100.80 -5.35 0.00	117.99 -5.72 0.00	101.70 -4.51 0.00
NEG CENTRAL___DRP 24199	60.27 0.40 0.00	66.59 0.53 -0.21	74.59 0.57 0.00	62.51 0.45 0.00	72.57 0.78 0.00	61.24 0.93 0.00	56.41 1.09 0.00	9.08 0.23 0.00	11.55 0.35 0.00	20.39 0.56 0.00	72.10 1.41 0.00	63.75 1.31 0.00	81.09 0.38 -2.16	133.13 0.30 0.00	139.00 0.74 0.00	158.55 1.45 0.00	154.82 0.39 0.00	188.58 -0.93 0.00	148.27 -1.05 -0.92	137.29 -1.22 -1.74	136.69 -1.11 0.00	105.31 -0.84 0.00	122.90 -0.80 0.00	105.72 -0.49 0.00
NEG CENTRAL___INDECK 23768	60.07 0.19 0.00	66.64 0.51 -0.27	74.75 0.73 0.00	62.60 0.55 0.00	72.77 0.98 0.00	61.34 1.03 0.00	56.68 1.37 0.00	9.12 0.27 0.00	11.62 0.42 0.00	20.46 0.63 0.00	72.03 1.33 0.00	63.56 1.12 0.00	82.52 1.11 -2.86	134.81 1.98 0.00	140.59 2.34 0.00	161.44 4.35 0.00	157.14 2.71 0.00	192.16 2.64 0.00	150.86 1.24 -1.22	139.32 0.24 -2.30	138.18 0.38 0.00	105.90 -0.25 0.00	121.77 -1.93 0.00	104.42 -1.79 0.00
NEG CENTRAL___SENECA 23627	60.00 0.13 0.00	66.39 0.31 -0.23	74.36 0.34 0.00	62.24 0.19 0.00	72.29 0.50 0.00	60.97 0.67 0.00	56.20 0.88 0.00	9.05 0.19 0.00	11.52 0.31 0.00	20.31 0.49 0.00	71.72 1.02 0.00	63.56 1.12 0.00	81.54 0.59 -2.39	133.51 0.68 0.00	139.39 1.14 0.00	159.13 2.04 0.00	155.01 0.57 0.00	188.05 -1.46 0.00	148.04 -1.38 -1.02	137.09 -1.61 -1.93	136.57 -1.23 0.00	105.22 -0.94 0.00	122.80 -0.90 0.00	105.69 -0.53 0.00
NEG CENTRAL___STATE_STREET 24147	60.91 1.03 0.00	67.17 1.11 -0.20	75.24 1.22 0.00	63.07 1.02 0.00	73.36 1.58 0.00	61.95 1.65 0.00	57.01 1.69 0.00	9.17 0.31 0.00	11.66 0.45 0.00	20.59 0.76 0.00	73.01 2.31 0.00	64.41 1.97 0.00	81.49 0.83 -2.10	133.80 0.97 0.00	139.81 1.55 0.00	159.31 2.21 0.00	156.00 1.57 0.00	190.98 1.47 0.00	149.82 0.52 -0.90	138.65 0.18 -1.69	137.89 0.09 0.00	106.19 0.03 0.00	124.14 0.43 0.00	106.71 0.50 0.00
NEG MILLWOOD___DRP 24198	64.69 4.82 0.00	72.49 5.07 -1.56	79.18 5.15 0.00	66.20 4.15 0.00	76.64 4.86 0.00	64.53 4.23 0.00	59.23 3.91 0.00	9.52 0.66 0.00	12.14 0.93 0.00	21.55 1.72 0.00	77.48 6.78 0.00	68.40 5.96 0.00	102.85 7.53 -16.76	145.76 12.90 -0.02	151.83 13.58 0.00	171.14 14.04 0.00	167.96 13.53 0.00	206.06 16.55 0.00	169.72 14.17 -7.15	163.56 13.28 -13.50	151.01 13.21 0.00	116.43 10.28 0.00	135.11 11.40 0.00	115.65 9.44 0.00
NEG NORTH_FLCN_SEA 23793	58.91 -0.97 0.00	64.96 -0.89 0.00	73.55 -0.47 0.00	61.56 -0.50 0.00	71.17 -0.62 0.00	59.04 -1.27 0.00	54.23 -1.08 0.00	8.68 -0.17 0.00	10.82 -0.39 0.00	19.08 -0.75 0.00	68.37 -2.33 0.00	60.52 -1.92 0.00	76.45 -2.11 0.00	130.16 -2.67 0.00	135.18 -3.08 0.00	154.89 -2.20 0.00	153.46 -0.98 0.00	188.57 -0.94 0.00	146.93 -1.48 0.00	135.16 -1.62 0.00	136.29 -1.51 0.00	104.61 -1.55 0.00	122.04 -1.66 0.00	106.44 0.23 0.00
NEG NORTH_KES_CHATEGAY 23792	58.28 -1.60 0.00	64.26 -1.60 0.00	72.72 -1.31 0.00	60.96 -1.10 0.00	70.44 -1.34 0.00	58.64 -1.67 0.00	53.91 -1.41 0.00	8.62 -0.24 0.00	10.76 -0.45 0.00	19.05 -0.78 0.00	68.21 -2.49 0.00	60.24 -2.20 0.00	76.06 -2.49 0.00	129.37 -3.45 0.00	134.54 -3.71 0.00	154.33 -2.76 0.00	152.86 -1.58 0.00	187.78 -1.73 0.00	146.29 -2.11 0.00	134.72 -2.06 0.00	135.96 -1.84 0.00	104.43 -1.72 0.00	121.80 -1.90 0.00	105.50 -0.72 0.00
NEG NORTH___ALICE_FALLS 23915	59.08 -0.79 0.00	65.17 -0.68 0.00	73.76 -0.26 0.00	61.75 -0.31 0.00	71.42 -0.37 0.00	59.36 -0.94 0.00	54.59 -0.73 0.00	8.74 -0.11 0.00	10.92 -0.29 0.00	19.26 -0.57 0.00	69.01 -1.68 0.00	61.00 -1.44 0.00	77.03 -1.53 0.00	131.28 -1.55 0.00	136.53 -1.73 0.00	156.61 -0.48 0.00	155.19 0.76 0.00	190.59 1.08 0.00	148.58 0.18 0.00	136.69 -0.08 0.00	137.84 0.04 0.00	105.79 -0.37 0.00	123.45 -0.25 0.00	107.25 1.04 0.00
NEG NORTH___LWR_SARANAC 23913	59.08 -0.79 0.00	65.17 -0.68 0.00	73.76 -0.26 0.00	61.75 -0.31 0.00	71.42 -0.37 0.00	59.36 -0.94 0.00	54.59 -0.73 0.00	8.74 -0.11 0.00	10.92 -0.29 0.00	19.26 -0.57 0.00	69.01 -1.68 0.00	61.00 -1.44 0.00	77.03 -1.53 0.00	131.28 -1.55 0.00	136.53 -1.73 0.00	156.61 -0.48 0.00	155.19 0.76 0.00	190.59 1.08 0.00	148.58 0.18 0.00	136.69 -0.08 0.00	137.84 0.04 0.00	105.79 -0.37 0.00	123.45 -0.25 0.00	107.25 1.04 0.00
NEG NORTH___PLATTSBURG 23628	59.08 -0.79 0.00	65.17 -0.68 0.00	73.76 -0.26 0.00	61.75 -0.31 0.00	71.42 -0.36 0.00	59.36 -0.94 0.00	54.59 -0.73 0.00	8.74 -0.11 0.00	10.92 -0.29 0.00	19.26 -0.57 0.00	69.01 -1.69 0.00	61.00 -1.43 0.00	77.03 -1.53 0.00	131.28 -1.55 0.00	136.54 -1.71 0.00	156.61 -0.48 0.00	155.19 0.76 0.00	190.59 1.08 0.00	148.57 0.17 0.00	136.69 -0.08 0.00	137.84 0.04 0.00	105.79 -0.37 0.00	123.45 -0.25 0.00	107.25 1.04 0.00
NEG WEST_LEA_LOCKPORT 23791	55.64 -4.23 0.00	61.62 -4.47 -0.24	69.00 -5.02 0.00	57.90 -4.15 0.00	67.35 -4.44 0.00	56.65 -3.66 0.00	52.22 -3.10 0.00	8.35 -0.50 0.00	10.63 -0.58 0.00	18.63 -1.19 0.00	65.33 -5.37 0.00	57.68 -4.76 0.00	74.92 -6.12 -2.48	121.77 -11.07 0.00	127.47 -10.79 0.00	147.18 -9.91 0.00	141.55 -12.88 0.00	171.72 -17.80 0.00	133.86 -15.60 -1.06	123.01 -15.69 -1.92	122.44 -15.34 0.02	94.75 -11.41 0.00	111.83 -11.88 0.00	97.16 -9.04 0.00
NEG WEST___LANCASTER 23811	56.89 -2.98 0.00	63.07 -3.07 -0.28	70.59 -3.43 0.00	59.12 -2.94 0.00	68.78 -3.00 0.00	57.90 -2.40 0.00	53.31 -2.01 0.00	8.54 -0.31 0.00	10.86 -0.35 0.00	19.15 -0.68 0.00	67.43 -3.26 0.00	59.50 -2.94 0.00	77.41 -4.07 -2.92	125.38 -7.45 0.00	131.22 -7.04 0.00	150.63 -6.46 0.00	145.69 -8.74 0.00	176.75 -12.77 0.00	138.48 -11.16 -1.25	127.76 -11.37 -2.35	126.98 -10.83 0.00	98.20 -7.95 0.00	115.70 -8.00 0.00	100.23 -5.98 0.00
NEG_PENN_ALLEGHNY 23528	60.33 0.46 0.00	66.95 0.58 -0.51	74.62 0.60 0.00	62.43 0.37 0.00	72.39 0.60 0.00	60.92 0.61 0.00	55.96 0.64 0.00	9.00 0.14 0.00	11.44 0.23 0.00	20.23 0.40 0.00	72.02 1.32 0.00	63.70 1.26 0.00	84.96 1.08 -5.32	134.38 1.54 -0.01	140.10 1.85 0.00	159.26 2.17 0.00	155.81 1.38 0.00	190.22 0.71 0.00	151.57 0.91 -2.27	141.96 0.90 -4.28	138.64 0.84 0.00	106.93 0.77 0.00	124.68 0.98 0.00	107.13 0.92 0.00
NEG___GEN_MONROE 24207	58.64 -1.23 0.00	64.77 -1.28 -0.19	72.46 -1.56 0.00	60.82 -1.23 0.00	70.59 -1.19 0.00	59.51 -0.79 0.00	54.82 -0.50 0.00	8.79 -0.06 0.00	11.18 -0.03 0.00	19.69 -0.14 0.00	69.42 -1.28 0.00	61.31 -1.13 0.00	78.95 -1.65 -2.05	129.63 -3.19 0.00	135.63 -2.62 0.00	155.59 -1.50 0.00	151.10 -3.33 0.00	184.41 -5.11 0.00	144.15 -5.13 -0.87	132.67 -5.76 -1.65	132.12 -5.68 0.00	101.85 -4.31 0.00	119.45 -4.25 0.00	103.16 -3.05 0.00

NEPA__ENERGY 23901	57.26 -2.61 0.00	63.58 -2.54 -0.26	71.29 -2.73 0.00	59.72 -2.33 0.00	69.38 -2.41 0.00	58.37 -1.94 0.00	53.82 -1.50 0.00	8.62 -0.23 0.00	11.00 -0.21 0.00	19.36 -0.47 0.00	68.05 -2.65 0.00	60.03 -2.41 0.00	78.07 -3.24 -2.75	126.67 -6.16 0.00	132.59 -5.67 0.00	152.89 -4.21 0.00	147.54 -6.89 0.00	179.20 -10.31 0.00	140.13 -9.44 -1.17	129.10 -9.90 -2.22	128.25 -9.55 0.00	99.15 -7.01 0.00	116.67 -7.04 0.00	100.67 -5.54 0.00
NEVERSink__HYD 23608	62.93 3.06 0.00	70.43 3.19 -1.39	77.34 3.32 0.00	64.68 2.62 0.00	74.89 3.11 0.00	63.02 2.72 0.00	57.87 2.55 0.00	9.32 0.46 0.00	11.86 0.65 0.00	21.06 1.23 0.00	75.60 4.91 0.00	66.80 4.36 0.00	99.08 5.48 -15.04	142.11 9.26 -0.02	148.03 9.78 0.00	167.08 9.99 0.00	164.13 9.70 0.00	201.37 11.86 0.00	165.01 10.19 -6.41	158.50 9.61 -12.12	147.31 9.51 0.00	113.47 7.31 0.00	131.58 7.88 0.00	112.58 6.37 0.00
NEWKRMKL_115KV_TB1 55635	62.74 2.86 0.00	70.85 3.10 -1.89	77.24 3.22 0.00	64.70 2.65 0.00	74.91 3.13 0.00	62.97 2.66 0.00	57.64 2.32 0.00	9.20 0.35 0.00	11.67 0.46 0.00	20.67 0.84 0.00	73.52 2.82 0.00	64.74 2.30 0.00	102.07 3.14 -20.37	138.49 5.63 -0.03	143.89 5.63 0.00	162.45 5.36 0.00	159.14 4.71 0.00	196.75 7.23 0.00	163.25 6.17 -8.68	158.87 5.68 -16.40	143.21 5.41 0.00	110.79 4.63 0.00	129.41 5.70 0.00	110.87 4.66 0.00
NEWTON__FALLS_HYD 23847	59.32 -0.55 0.00	65.61 -0.28 -0.04	73.99 -0.03 0.00	62.10 0.05 0.00	71.82 0.03 0.00	59.89 -0.41 0.00	54.58 -0.74 0.00	8.75 -0.11 0.00	11.01 -0.20 0.00	19.38 -0.44 0.00	69.44 -1.26 0.00	61.19 -1.25 0.00	77.48 -1.50 -0.42	131.28 -1.55 0.00	135.87 -2.39 0.00	155.69 -1.40 0.00	153.85 -0.59 0.00	189.33 -0.19 0.00	147.83 -0.75 -0.18	135.98 -1.14 -0.34	136.84 -0.97 0.00	105.99 -0.17 0.00	123.78 0.08 0.00	107.00 0.79 0.00
NGRID_A1_DSASP 323792	55.33 -4.54 0.00	61.27 -4.83 -0.24	68.50 -5.52 0.00	57.47 -4.58 0.00	66.88 -4.90 0.00	56.26 -4.04 0.00	51.84 -3.48 0.00	8.28 -0.57 0.00	10.53 -0.68 0.00	18.51 -1.32 0.00	64.98 -5.72 0.00	57.30 -5.14 0.00	74.60 -6.49 -2.53	120.91 -11.91 0.00	126.61 -11.65 0.00	146.28 -10.82 0.00	140.56 -13.87 0.00	170.42 -19.09 0.00	132.86 -16.61 -1.08	122.08 -16.74 -2.04	121.41 -16.40 0.00	93.99 -12.17 0.00	111.05 -12.65 0.00	97.18 -9.03 0.00
NGRID_A2_DSASP 323793	55.33 -4.54 0.00	61.27 -4.83 -0.24	68.50 -5.52 0.00	57.47 -4.58 0.00	66.88 -4.90 0.00	56.26 -4.04 0.00	51.84 -3.48 0.00	8.28 -0.57 0.00	10.53 -0.68 0.00	18.51 -1.32 0.00	64.98 -5.72 0.00	57.30 -5.14 0.00	74.60 -6.49 -2.53	120.91 -11.91 0.00	126.61 -11.65 0.00	146.28 -10.82 0.00	140.56 -13.87 0.00	170.42 -19.09 0.00	132.86 -16.61 -1.08	122.08 -16.74 -2.04	121.41 -16.40 0.00	93.99 -12.17 0.00	111.05 -12.65 0.00	97.18 -9.03 0.00
NGRID_A4_DSASP 323807	55.33 -4.54 0.00	61.27 -4.83 -0.24	68.50 -5.52 0.00	57.47 -4.58 0.00	66.88 -4.90 0.00	56.26 -4.04 0.00	51.84 -3.48 0.00	8.28 -0.57 0.00	10.53 -0.68 0.00	18.51 -1.32 0.00	64.98 -5.72 0.00	57.30 -5.14 0.00	74.60 -6.49 -2.53	120.91 -11.91 0.00	126.61 -11.65 0.00	146.28 -10.82 0.00	140.56 -13.87 0.00	170.42 -19.09 0.00	132.86 -16.61 -1.08	122.08 -16.74 -2.04	121.41 -16.40 0.00	93.99 -12.17 0.00	111.05 -12.65 0.00	97.18 -9.03 0.00
NIAGARA_115E_LBMP 323715	55.25 -4.62 0.00	61.20 -4.90 -0.24	68.57 -5.46 0.00	57.54 -4.52 0.00	66.92 -4.86 0.00	56.29 -4.02 0.00	51.88 -3.44 0.00	8.29 -0.57 0.00	10.54 -0.67 0.00	18.43 -1.39 0.00	64.64 -6.05 0.00	57.06 -5.38 0.00	74.24 -6.86 -2.54	120.32 -12.51 0.00	125.94 -12.31 0.00	145.74 -11.35 0.00	139.91 -14.52 0.00	169.68 -19.84 0.00	132.38 -17.10 -1.08	121.68 -17.15 -2.05	121.02 -16.79 0.00	93.73 -12.43 0.00	110.71 -12.99 0.00	96.27 -9.94 0.00
NIAGARA_115W_LBMP 323714	55.22 -4.65 0.00	61.16 -4.94 -0.24	68.38 -5.64 0.00	57.40 -4.66 0.00	66.78 -5.01 0.00	56.17 -4.13 0.00	51.75 -3.57 0.00	8.27 -0.59 0.00	10.51 -0.69 0.00	18.48 -1.35 0.00	64.84 -5.86 0.00	57.19 -5.25 0.00	74.45 -6.64 -2.53	120.70 -12.13 0.00	126.37 -11.89 0.00	146.00 -11.09 0.00	140.25 -14.18 0.00	170.07 -19.44 0.00	132.63 -16.85 -1.08	121.86 -16.95 -2.04	121.16 -16.64 0.00	93.78 -12.38 0.00	110.84 -12.86 0.00	97.06 -9.15 0.00
NIAGARA_230_LBMP 323716	55.74 -4.13 0.00	61.75 -4.34 -0.24	69.08 -4.94 0.00	57.96 -4.10 0.00	67.42 -4.37 0.00	56.73 -3.58 0.00	52.26 -3.06 0.00	8.35 -0.50 0.00	10.62 -0.59 0.00	18.67 -1.16 0.00	65.54 -5.15 0.00	57.82 -4.63 0.00	75.19 -5.86 -2.50	122.02 -10.81 0.00	127.74 -10.52 0.00	147.33 -9.76 0.00	141.77 -12.66 0.00	171.99 -17.53 0.00	134.17 -15.30 -1.07	123.39 -15.39 -2.01	122.67 -15.13 0.00	94.95 -11.21 0.00	112.12 -11.58 0.00	97.54 -8.67 0.00
NIAGARA__115KV_198_GIBSON 55903	55.22 -4.65 0.00	61.16 -4.94 -0.24	68.39 -5.63 0.00	57.39 -4.66 0.00	66.78 -5.01 0.00	56.17 -4.14 0.00	51.75 -3.57 0.00	8.27 -0.59 0.00	10.52 -0.69 0.00	18.48 -1.35 0.00	64.77 -5.93 0.00	57.16 -5.28 0.00	74.39 -6.70 -2.53	120.71 -12.12 0.00	126.41 -11.84 0.00	146.02 -11.08 0.00	140.32 -14.11 0.00	170.12 -19.39 0.00	132.52 -16.96 -1.08	121.87 -16.94 -2.04	121.21 -16.59 0.00	93.79 -12.37 0.00	110.82 -12.89 0.00	97.07 -9.14 0.00
NIAGARA____ 23760	55.74 -4.13 0.00	61.75 -4.34 -0.24	69.08 -4.94 0.00	57.96 -4.10 0.00	67.42 -4.37 0.00	56.73 -3.58 0.00	52.26 -3.06 0.00	8.35 -0.50 0.00	10.62 -0.59 0.00	18.67 -1.16 0.00	65.54 -5.15 0.00	57.82 -4.63 0.00	75.22 -5.86 -2.52	122.02 -10.81 0.00	127.74 -10.52 0.00	147.33 -9.76 0.00	141.77 -12.66 0.00	171.99 -17.53 0.00	134.18 -15.30 -1.07	123.41 -15.39 -2.03	122.67 -15.13 0.00	94.95 -11.21 0.00	112.12 -11.58 0.00	97.54 -8.67 0.00
NINE_MILE_1 23575	58.02 -1.85 0.00	63.83 -2.11 -0.09	71.51 -2.52 0.00	60.09 -1.96 0.00	69.38 -2.40 0.00	58.55 -1.75 0.00	53.75 -1.57 0.00	8.62 -0.23 0.00	10.93 -0.27 0.00	19.33 -0.50 0.00	68.73 -1.96 0.00	60.78 -1.66 0.00	77.29 -2.28 -1.02	128.60 -4.23 0.00	134.06 -4.19 0.00	152.47 -4.62 0.00	149.55 -4.88 0.00	183.28 -6.24 0.00	143.89 -4.95 -0.43	132.88 -4.71 -0.82	132.99 -4.82 0.00	102.47 -3.69 0.00	119.48 -4.22 0.00	102.65 -3.56 0.00
NINE_MILE_2 23744	58.02 -1.85 0.00	63.83 -2.11 -0.09	71.51 -2.52 0.00	60.09 -1.96 0.00	69.38 -2.40 0.00	58.55 -1.75 0.00	53.75 -1.57 0.00	8.62 -0.23 0.00	10.93 -0.27 0.00	19.33 -0.50 0.00	68.73 -1.96 0.00	60.78 -1.66 0.00	77.30 -2.28 -1.02	128.60 -4.23 0.00	134.06 -4.19 0.00	152.47 -4.62 0.00	149.55 -4.88 0.00	183.28 -6.24 0.00	143.89 -4.95 -0.43	132.88 -4.71 -0.82	132.99 -4.82 0.00	102.47 -3.69 0.00	119.48 -4.22 0.00	102.65 -3.56 0.00
NM_CAPITAL__DRP 24208	62.80 2.93 0.00	70.91 3.17 -1.89	77.31 3.28 0.00	64.78 2.72 0.00	74.97 3.19 0.00	63.03 2.72 0.00	57.69 2.37 0.00	9.21 0.35 0.00	11.68 0.48 0.00	20.67 0.84 0.00	73.56 2.86 0.00	64.76 2.32 0.00	102.08 3.21 -20.31	138.59 5.74 -0.03	144.06 5.80 0.00	162.69 5.59 0.00	159.41 4.98 0.00	196.98 7.47 0.00	163.39 6.33 -8.66	158.97 5.83 -16.36	143.39 5.59 0.00	110.89 4.73 0.00	129.39 5.68 0.00	110.87 4.66 0.00

NM_CENTRAL___DRP 24181	59.50 -0.38 0.00	65.55 -0.45 -0.14	73.39 -0.64 0.00	61.61 -0.44 0.00	71.23 -0.56 0.00	60.10 -0.20 0.00	55.22 -0.09 0.00	8.87 0.01 0.00	11.26 0.05 0.00	19.91 0.08 0.00	70.80 0.10 0.00	62.52 0.08 0.00	79.55 -0.47 -1.46	131.70 -1.13 0.00	137.42 -0.84 0.00	156.30 -0.80 0.00	153.18 -1.25 0.00	187.68 -1.83 0.00	147.53 -1.50 -0.62	136.38 -1.57 -1.18	136.10 -1.70 0.00	104.88 -1.28 0.00	122.23 -1.48 0.00	104.96 -1.25 0.00
NM_FRONTIER___DRP 24179	55.22 -4.65 0.00	61.16 -4.94 -0.24	68.39 -5.63 0.00	57.39 -4.66 0.00	66.78 -5.01 0.00	56.17 -4.14 0.00	51.75 -3.57 0.00	8.27 -0.59 0.00	10.52 -0.69 0.00	18.48 -1.35 0.00	64.77 -5.93 0.00	57.16 -5.28 0.00	74.39 -6.70 -2.53	120.71 -12.12 0.00	126.41 -11.84 0.00	146.02 -11.08 0.00	140.32 -14.11 0.00	170.12 -19.39 0.00	132.52 -16.96 -1.08	121.87 -16.94 -2.04	121.21 -16.59 0.00	93.79 -12.37 0.00	110.82 -12.89 0.00	97.07 -9.14 0.00
NM_ST_REGIS___HYD 24053	58.68 -1.19 0.00	64.70 -1.16 0.00	73.16 -0.86 0.00	61.32 -0.74 0.00	70.78 -1.01 0.00	58.70 -1.60 0.00	53.42 -1.90 0.00	8.53 -0.32 0.00	10.65 -0.56 0.00	18.73 -1.10 0.00	67.24 -3.46 0.00	59.30 -3.14 0.00	74.93 -3.63 0.00	128.26 -4.57 0.00	132.19 -6.06 0.00	152.41 -4.69 0.00	151.05 -3.38 0.00	185.53 -3.98 0.00	144.49 -3.91 0.00	132.97 -3.80 0.00	134.27 -3.53 0.00	104.11 -2.05 0.00	122.17 -1.53 0.00	105.88 -0.33 0.00
NORTHPORT___1 23551	65.13 5.26 0.00	72.93 5.52 -1.56	79.84 5.82 0.00	66.84 4.79 0.00	77.26 5.48 0.00	64.88 4.57 0.00	59.59 4.27 0.00	20.43 0.84 -10.74	99.99 1.16 -87.61	32.25 2.05 -10.37	234.23 8.14 -155.40	164.58 7.01 -95.12	111.96 8.60 -24.80	150.45 14.62 -3.00	156.41 15.55 -2.61	161.46 15.28 10.91	160.00 15.05 9.48	193.51 15.38 11.39	158.18 15.18 5.40	156.96 14.47 -5.71	152.22 14.72 0.31	136.73 11.32 -19.25	142.61 12.59 -6.31	118.32 10.69 -1.42
NORTHPORT___2 23552	65.13 5.26 0.00	72.93 5.52 -1.56	79.84 5.82 0.00	66.84 4.79 0.00	77.26 5.48 0.00	64.88 4.57 0.00	59.59 4.27 0.00	20.43 0.84 -10.74	99.99 1.16 -87.61	32.25 2.05 -10.37	234.23 8.14 -155.40	164.58 7.01 -95.12	111.96 8.60 -24.80	150.45 14.62 -3.00	156.41 15.55 -2.61	161.46 15.28 10.91	160.00 15.05 9.48	193.51 15.38 11.39	158.18 15.18 5.40	156.96 14.47 -5.71	152.22 14.72 0.31	136.73 11.32 -19.25	142.61 12.59 -6.31	118.32 10.69 -1.42
NORTHPORT___3 23553	64.98 5.12 0.00	72.74 5.33 -1.56	79.53 5.51 0.00	66.60 4.54 0.00	77.00 5.21 0.00	64.70 4.40 0.00	59.41 4.09 0.00	20.31 0.80 -10.65	99.43 1.11 -87.11	32.09 1.96 -10.29	232.55 7.65 -154.20	163.48 6.68 -94.37	111.34 8.38 -24.40	149.54 14.07 -2.64	154.92 14.40 -2.26	159.65 13.78 11.23	158.24 13.56 9.74	191.59 13.70 11.63	156.72 13.99 5.66	155.55 13.34 -5.43	151.03 13.90 0.67	135.71 10.92 -18.63	141.82 12.09 -6.03	117.77 10.32 -1.24
NORTHPORT___4 23650	64.98 5.12 0.00	72.74 5.33 -1.56	79.53 5.51 0.00	66.60 4.54 0.00	77.00 5.21 0.00	64.70 4.40 0.00	59.41 4.09 0.00	20.31 0.80 -10.65	99.43 1.11 -87.11	32.09 1.96 -10.29	232.55 7.65 -154.20	163.48 6.68 -94.37	111.34 8.38 -24.40	149.54 14.07 -2.64	154.92 14.40 -2.26	159.65 13.78 11.23	158.24 13.56 9.74	191.59 13.70 11.63	156.72 13.99 5.66	155.55 13.34 -5.43	151.03 13.90 0.67	135.71 10.92 -18.63	141.82 12.09 -6.03	117.77 10.32 -1.24
NORTHPORT___IC 23718	65.13 5.26 0.00	72.94 5.53 -1.56	79.85 5.83 0.00	66.84 4.78 0.00	77.26 5.47 0.00	64.87 4.57 0.00	59.60 4.28 0.00	20.43 0.83 -10.74	99.99 1.16 -87.61	32.26 2.05 -10.37	234.22 8.13 -155.40	164.58 7.02 -95.12	111.96 8.60 -24.80	150.32 14.49 -3.00	156.19 15.32 -2.61	161.29 15.11 10.91	159.81 14.86 9.48	193.51 15.39 11.39	158.01 15.01 5.40	156.80 14.31 -5.71	152.06 14.56 0.31	136.72 11.31 -19.25	142.59 12.58 -6.31	118.36 10.74 -1.42
NORTH___COUNTRY_ESR 323785	58.06 -1.81 0.00	64.02 -1.83 0.00	72.47 -1.55 0.00	60.73 -1.33 0.00	70.20 -1.58 0.00	58.44 -1.86 0.00	53.71 -1.61 0.00	8.58 -0.28 0.00	10.71 -0.50 0.00	18.98 -0.84 0.00	68.03 -2.67 0.00	60.12 -2.32 0.00	75.95 -2.61 0.00	129.04 -3.79 0.00	134.12 -4.14 0.00	153.83 -3.26 0.00	152.27 -2.16 0.00	187.01 -2.51 0.00	145.63 -2.77 0.00	134.13 -2.65 0.00	135.41 -2.40 0.00	104.03 -2.13 0.00	121.39 -2.31 0.00	105.09 -1.12 0.00
NPX_GEN_1385_PROXY 323591	65.19 5.33 0.00	73.27 5.86 -1.56	80.87 6.85 0.00	67.92 5.87 0.00	78.18 6.39 0.00	64.99 4.69 0.00	59.52 4.20 0.00	20.53 0.93 -10.74	100.19 1.37 -87.61	32.44 2.24 -10.37	235.06 8.97 -155.40	164.58 7.02 -95.12	110.44 7.08 -24.80	148.75 12.92 -3.00	157.41 16.55 -2.61	163.10 16.92 10.91	162.56 17.61 9.48	194.21 16.09 11.39	158.69 15.69 5.40	157.77 15.28 -5.71	153.31 15.82 0.31	136.87 11.46 -19.25	142.95 12.93 -6.31	118.68 11.05 -1.42
NPX_GEN_CSC 323557	65.97 6.10 0.00	73.82 6.41 -1.56	80.71 6.69 0.00	67.68 5.62 0.00	78.30 6.52 0.00	65.89 5.59 0.00	60.62 5.30 0.00	20.67 0.99 -10.82	99.43 1.35 -86.87	32.66 2.42 -10.40	235.99 9.41 -155.89	166.51 8.32 -95.75	116.15 10.60 -26.99	155.19 17.42 -4.94	161.28 18.54 -4.49	166.76 18.87 9.21	164.47 18.06 8.02	198.02 18.62 10.12	162.49 18.03 3.94	161.23 17.21 -7.24	156.98 17.49 -1.69	141.78 13.01 -22.62	146.14 14.60 -7.84	120.67 12.09 -2.37
NSINS_S___GLNS_FALLS 23858	64.33 4.46 0.00	72.54 4.74 -1.95	79.15 5.13 0.00	66.12 4.06 0.00	76.43 4.64 0.00	64.03 3.72 0.00	58.44 3.12 0.00	9.33 0.48 0.00	11.84 0.63 0.00	20.88 1.05 0.00	74.51 3.81 0.00	65.93 3.49 0.00	104.24 4.75 -20.94	140.77 7.91 -0.03	147.04 8.78 0.00	167.28 10.19 0.00	164.50 10.07 0.00	202.89 13.38 0.00	167.92 10.59 -8.93	163.06 9.42 -16.86	148.98 11.18 0.00	115.06 8.91 0.00	133.61 9.91 0.00	114.25 8.04 0.00
NUCOR_STEEL___DRP 24197	60.91 1.03 0.00	67.14 1.09 -0.19	75.23 1.21 0.00	63.06 1.01 0.00	73.37 1.59 0.00	61.97 1.67 0.00	57.02 1.70 0.00	9.17 0.32 0.00	11.66 0.45 0.00	20.59 0.76 0.00	73.05 2.36 0.00	64.40 1.96 0.00	81.31 0.74 -2.01	133.65 0.82 0.00	139.64 1.39 0.00	159.10 2.00 0.00	155.85 1.41 0.00	190.82 1.31 0.00	149.54 0.28 -0.86	138.37 -0.02 -1.62	137.68 -0.13 0.00	106.04 -0.11 0.00	124.06 0.36 0.00	106.64 0.43 0.00
NUMBER_THREE_WT_PWR 323818	60.44 0.57 0.00	67.02 1.11 -0.05	75.52 1.50 0.00	63.46 1.41 0.00	73.61 1.83 0.00	61.87 1.57 0.00	56.79 1.47 0.00	9.12 0.27 0.00	11.55 0.35 0.00	20.42 0.59 0.00	72.78 2.08 0.00	64.14 1.70 0.00	81.04 1.91 -0.57	136.37 3.54 0.00	141.75 3.50 0.00	161.61 4.52 0.00	159.37 4.94 0.00	196.32 6.81 0.00	153.59 4.95 -0.24	141.13 3.90 -0.46	141.73 3.93 0.00	109.32 3.16 0.00	126.86 3.15 0.00	109.25 3.04 0.00
NYISO_LBMP_REFERENCE 24008	59.87 0.00 0.00	65.85 0.00 0.00	74.02 0.00 0.00	62.06 0.00 0.00	71.78 0.00 0.00	60.31 0.00 0.00	55.32 0.00 0.00	8.86 0.00 0.00	11.21 0.00 0.00	19.83 0.00 0.00	70.70 0.00 0.00	62.44 0.00 0.00	78.56 0.00 0.00	132.83 0.00 0.00	138.25 0.00 0.00	157.09 0.00 0.00	154.43 0.00 0.00	189.51 0.00 0.00	148.40 0.00 0.00	136.78 0.00 0.00	137.80 0.00 0.00	106.16 0.00 0.00	123.70 0.00 0.00	106.21 0.00 0.00

NYPA_BRENTWD____GT 24164	65.76 5.89 0.00	73.59 6.17 -1.56	80.49 6.47 0.00	67.36 5.30 0.00	77.89 6.11 0.00	65.47 5.17 0.00	60.18 4.86 0.00	20.70 0.92 -10.92	98.47 1.27 -85.99	32.53 2.26 -10.45	236.15 8.94 -156.51	166.83 7.87 -96.52	117.93 9.74 -29.63	156.76 16.66 -7.27	162.66 17.66 -6.75	167.82 17.88 7.15	165.70 17.54 6.27	199.63 18.70 8.59	163.73 17.51 2.19	162.46 16.60 -9.08	158.65 16.76 -4.09	145.65 12.82 -26.67	147.64 14.26 -9.68	121.76 12.04 -3.52
NYPA_GOWANUS____GT5 24156	67.19 4.75 -2.56	72.31 4.89 -1.56	78.82 4.80 0.00	65.90 3.85 0.00	76.22 4.43 0.00	64.23 3.92 0.00	61.90 3.68 -2.90	9.47 0.62 0.00	12.08 0.87 0.00	29.86 1.69 -8.34	365.50 7.22 -287.58	119.52 6.41 -50.67	127.91 7.92 -41.43	145.92 13.07 -0.02	151.86 13.60 0.00	170.72 13.62 0.00	167.64 13.21 0.00	205.23 15.70 -0.02	203.07 14.15 -40.52	333.33 13.72 -182.83	176.34 13.45 -25.08	157.80 10.61 -41.03	197.70 11.77 -62.22	121.69 9.71 -5.78
NYPA_GOWANUS____GT6 24157	67.19 4.75 -2.56	72.31 4.89 -1.56	78.82 4.80 0.00	65.90 3.85 0.00	76.22 4.43 0.00	64.23 3.92 0.00	61.90 3.68 -2.90	9.47 0.62 0.00	12.08 0.87 0.00	29.86 1.69 -8.34	365.50 7.22 -287.58	119.52 6.41 -50.67	127.91 7.92 -41.43	145.92 13.07 -0.02	151.86 13.60 0.00	170.72 13.62 0.00	167.64 13.21 0.00	205.23 15.70 -0.02	203.07 14.15 -40.52	333.33 13.72 -182.83	176.34 13.45 -25.08	157.80 10.61 -41.03	197.70 11.77 -62.22	121.69 9.71 -5.78
NYPA_HARLEM__RVR__GT1 24160	64.20 4.33 0.00	71.82 4.41 -1.56	78.32 4.30 0.00	65.48 3.43 0.00	75.74 3.95 0.00	63.81 3.51 0.00	58.58 3.26 0.00	9.42 0.56 0.00	12.00 0.80 0.00	21.38 1.55 0.00	77.31 6.62 0.00	68.28 5.84 0.00	102.40 7.24 -16.60	144.98 12.12 -0.02	150.65 12.40 0.00	169.26 12.17 0.00	166.33 11.90 0.00	203.69 14.18 0.00	168.33 12.85 -7.08	162.69 12.54 -13.37	150.12 12.32 0.00	115.89 9.73 0.00	134.48 10.78 0.00	115.18 8.97 0.00
NYPA_HARLEM__RVR__GT2 24161	64.20 4.33 0.00	71.82 4.41 -1.56	78.32 4.30 0.00	65.48 3.43 0.00	75.74 3.95 0.00	63.81 3.51 0.00	58.58 3.26 0.00	9.42 0.56 0.00	12.00 0.80 0.00	21.38 1.55 0.00	77.31 6.62 0.00	68.28 5.84 0.00	102.40 7.24 -16.60	144.98 12.12 -0.02	150.65 12.40 0.00	169.26 12.17 0.00	166.33 11.90 0.00	203.69 14.18 0.00	168.33 12.85 -7.08	162.69 12.54 -13.37	150.12 12.32 0.00	115.89 9.73 0.00	134.48 10.78 0.00	115.18 8.97 0.00
NYPA_KENT____GT 24152	65.94 4.57 -1.50	72.12 4.71 -1.56	78.65 4.62 0.00	65.74 3.69 0.00	76.06 4.28 0.00	64.08 3.77 0.00	60.54 3.52 -1.70	9.45 0.59 0.00	12.05 0.84 0.00	26.36 1.64 -4.89	246.35 7.01 -168.65	98.38 6.22 -29.72	117.45 7.73 -31.16	145.66 12.81 -0.02	151.58 13.33 0.00	170.37 13.28 0.00	167.27 12.84 0.00	204.68 15.16 -0.01	188.76 13.67 -26.69	262.75 13.22 -112.75	165.52 13.01 -14.71	140.53 10.31 -24.06	171.65 11.46 -36.49	119.02 9.42 -3.39
NYPA_POUCH1____GT 24155	67.11 4.68 -2.56	72.22 4.81 -1.56	78.70 4.68 0.00	65.80 3.75 0.00	76.11 4.33 0.00	64.14 3.84 0.00	61.85 3.63 -2.90	9.46 0.61 0.00	12.06 0.85 0.00	29.83 1.65 -8.34	365.37 7.09 -287.58	119.39 6.28 -50.67	127.69 7.70 -41.43	145.45 12.60 -0.02	151.39 13.14 0.00	170.06 12.97 0.00	167.05 12.62 0.00	204.62 15.09 -0.02	202.60 13.68 -40.52	333.02 13.41 -182.83	175.89 13.01 -25.08	157.47 10.28 -41.03	197.33 11.40 -62.22	121.38 9.39 -5.78
NYPA_VERNON____GT2 24162	64.77 4.45 -0.44	71.98 4.56 -1.56	78.47 4.45 0.00	65.60 3.55 0.00	75.90 4.12 0.00	63.93 3.63 0.00	59.19 3.37 -0.50	9.43 0.57 0.00	12.03 0.82 0.00	22.86 1.59 -1.44	127.21 6.80 -49.71	77.25 6.05 -8.76	106.99 7.53 -20.89	145.42 12.57 -0.02	151.30 13.05 0.00	170.11 13.02 0.00	167.05 12.62 0.00	204.29 14.78 0.00	174.63 13.37 -12.86	192.27 12.83 -42.67	154.85 12.71 -4.34	123.30 10.05 -7.09	145.60 11.14 -10.76	116.37 9.16 -1.00
NYPA_VERNON____GT3 24163	64.77 4.45 -0.44	71.98 4.56 -1.56	78.47 4.45 0.00	65.60 3.55 0.00	75.90 4.12 0.00	63.93 3.63 0.00	59.19 3.37 -0.50	9.43 0.57 0.00	12.03 0.82 0.00	22.86 1.59 -1.44	127.21 6.80 -49.71	77.25 6.05 -8.76	106.99 7.53 -20.89	145.42 12.57 -0.02	151.30 13.05 0.00	170.11 13.02 0.00	167.05 12.62 0.00	204.29 14.78 0.00	174.63 13.37 -12.86	192.27 12.83 -42.67	154.85 12.71 -4.34	123.30 10.05 -7.09	145.60 11.14 -10.76	116.37 9.16 -1.00
NYPA__ASTORIA_CC1 323568	64.23 4.36 0.00	71.87 4.45 -1.56	78.35 4.32 0.00	65.49 3.44 0.00	75.78 4.00 0.00	63.84 3.53 0.00	58.59 3.27 0.00	9.42 0.56 0.00	12.01 0.80 0.00	21.39 1.56 0.00	77.42 6.73 0.00	68.42 5.98 0.00	102.60 7.43 -16.60	145.24 12.39 -0.02	151.13 12.88 0.00	169.91 12.82 0.00	166.86 12.43 0.00	204.00 14.49 0.00	168.69 13.21 -7.08	162.83 12.68 -13.37	150.35 12.55 0.00	116.05 9.90 0.00	134.62 10.92 0.00	115.23 9.02 0.00
NYPA__ASTORIA_CC2 323569	64.23 4.36 0.00	71.87 4.45 -1.56	78.35 4.32 0.00	65.49 3.44 0.00	75.78 4.00 0.00	63.84 3.53 0.00	58.59 3.27 0.00	9.42 0.56 0.00	12.01 0.80 0.00	21.39 1.56 0.00	77.42 6.73 0.00	68.42 5.98 0.00	102.60 7.43 -16.60	145.24 12.39 -0.02	151.13 12.88 0.00	169.91 12.82 0.00	166.86 12.43 0.00	204.00 14.49 0.00	168.69 13.21 -7.08	162.83 12.68 -13.37	150.35 12.55 0.00	116.05 9.90 0.00	134.62 10.92 0.00	115.23 9.02 0.00
NYPA__HOLTSVILL 23794	65.36 5.49 0.00	73.16 5.75 -1.56	80.00 5.98 0.00	66.99 4.94 0.00	77.47 5.68 0.00	65.14 4.84 0.00	59.86 4.54 0.00	20.54 0.87 -10.81	99.36 1.20 -86.95	32.37 2.14 -10.40	235.05 8.52 -155.84	165.67 7.55 -95.68	114.79 9.47 -26.76	153.55 15.99 -4.74	159.47 16.93 -4.29	164.66 16.95 9.38	162.82 16.56 8.17	196.37 17.10 10.25	160.78 16.47 4.09	159.59 15.73 -7.08	155.10 15.81 -1.48	140.45 12.02 -22.27	144.73 13.34 -7.68	119.70 11.22 -2.27
NYPA__HELLGATE_GT1 24158	64.20 4.33 0.00	71.82 4.41 -1.56	78.32 4.30 0.00	65.48 3.43 0.00	75.74 3.95 0.00	63.81 3.51 0.00	58.58 3.26 0.00	9.42 0.56 0.00	12.00 0.80 0.00	21.38 1.55 0.00	77.31 6.62 0.00	68.28 5.84 0.00	102.40 7.24 -16.60	144.98 12.12 -0.02	150.65 12.40 0.00	169.26 12.17 0.00	166.33 11.90 0.00	203.69 14.18 0.00	168.33 12.85 -7.08	162.69 12.54 -13.37	150.12 12.32 0.00	115.89 9.73 0.00	134.48 10.78 0.00	115.18 8.97 0.00
NYPA__HELLGATE_GT2 24159	64.20 4.33 0.00	71.82 4.41 -1.56	78.32 4.30 0.00	65.48 3.43 0.00	75.74 3.95 0.00	63.81 3.51 0.00	58.58 3.26 0.00	9.42 0.56 0.00	12.00 0.80 0.00	21.38 1.55 0.00	77.31 6.62 0.00	68.28 5.84 0.00	102.40 7.24 -16.60	144.98 12.12 -0.02	150.65 12.40 0.00	169.26 12.17 0.00	166.33 11.90 0.00	203.69 14.18 0.00	168.33 12.85 -7.08	162.69 12.54 -13.37	150.12 12.32 0.00	115.89 9.73 0.00	134.48 10.78 0.00	115.18 8.97 0.00
NYS_BARGE__HYD 23848	55.88 -3.99 0.00	61.89 -4.20 -0.23	69.31 -4.72 0.00	58.15 -3.91 0.00	67.64 -4.15 0.00	56.92 -3.38 0.00	52.47 -2.85 0.00	8.39 -0.47 0.00	10.67 -0.54 0.00	18.71 -1.12 0.00	65.66 -5.04 0.00	57.94 -4.50 0.00	75.27 -5.76 -2.47	122.21 -10.62 0.00	127.97 -10.29 0.00	147.85 -9.25 0.00	142.14 -12.29 0.00	172.49 -17.02 0.00	134.61 -14.85 -1.05	123.66 -15.12 -2.00	123.02 -14.78 -0.01	95.25 -10.91 0.00	112.38 -11.32 0.00	97.63 -8.58 0.00

OAK ORCHARD___HYD 24046	58.41 -1.46 0.00	64.49 -1.55 -0.19	72.17 -1.86 0.00	60.57 -1.48 0.00	70.26 -1.52 0.00	59.23 -1.07 0.00	54.54 -0.78 0.00	8.75 -0.11 0.00	11.11 -0.09 0.00	19.60 -0.22 0.00	69.27 -1.43 0.00	61.16 -1.28 0.00	78.76 -1.83 -2.03	129.25 -3.58 0.00	135.10 -3.15 0.00	154.76 -2.33 0.00	150.40 -4.04 0.00	183.51 -6.01 0.00	143.61 -5.66 -0.87	132.26 -6.15 -1.64	131.65 -6.15 0.00	101.54 -4.62 0.00	119.02 -4.68 0.00	102.69 -3.51 0.00
OAKDALE___35_KV_LOAD 356122	60.17 0.30 0.00	66.78 0.42 -0.50	74.42 0.40 0.00	62.27 0.22 0.00	72.19 0.41 0.00	60.76 0.45 0.00	55.80 0.48 0.00	8.97 0.11 0.00	11.40 0.19 0.00	20.15 0.32 0.00	71.79 1.10 0.00	63.47 1.03 0.00	84.66 0.82 -5.28	133.88 1.05 -0.01	139.56 1.31 0.00	158.58 1.49 0.00	155.19 0.76 0.00	189.37 -0.15 0.00	150.93 0.27 -2.25	141.35 0.32 -4.25	138.09 0.29 0.00	106.53 0.37 0.00	124.22 0.51 0.00	106.75 0.54 0.00
OCC_CHEM___DRP 24175	55.33 -4.54 0.00	61.28 -4.82 -0.24	68.50 -5.52 0.00	57.49 -4.57 0.00	66.89 -4.89 0.00	56.27 -4.04 0.00	51.84 -3.48 0.00	8.28 -0.57 0.00	10.54 -0.67 0.00	18.51 -1.32 0.00	64.89 -5.81 0.00	57.27 -5.17 0.00	74.53 -6.56 -2.53	120.95 -11.88 0.00	126.65 -11.60 0.00	146.32 -10.78 0.00	140.60 -13.83 0.00	170.45 -19.06 0.00	132.79 -16.69 -1.08	122.10 -16.72 -2.04	121.43 -16.36 0.00	93.95 -12.20 0.00	111.04 -12.66 0.00	97.19 -9.02 0.00
OH_GEN_PROXY 24063	55.86 -4.01 0.00	61.86 -4.23 -0.24	69.19 -4.83 0.00	58.04 -4.01 0.00	67.53 -4.25 0.00	56.82 -3.49 0.00	52.33 -2.99 0.00	8.37 -0.49 0.00	10.63 -0.57 0.00	18.72 -1.11 0.00	65.76 -4.94 0.00	58.00 -4.44 0.00	75.42 -5.65 -2.51	122.46 -10.37 0.00	128.17 -10.09 0.00	147.69 -9.40 0.00	142.23 -12.20 0.00	172.57 -16.95 0.00	134.68 -14.79 -1.07	123.88 -14.92 -2.02	123.13 -14.67 0.00	95.30 -10.85 0.00	112.49 -11.21 0.00	97.77 -8.44 0.00
OLIN_CORP_DRP 24177	55.36 -4.51 0.00	61.30 -4.80 -0.24	68.67 -5.35 0.00	57.64 -4.42 0.00	67.01 -4.78 0.00	56.37 -3.94 0.00	51.96 -3.36 0.00	8.30 -0.55 0.00	10.57 -0.64 0.00	18.48 -1.35 0.00	64.75 -5.95 0.00	57.18 -5.26 0.00	74.38 -6.73 -2.56	120.64 -12.19 0.00	126.32 -11.94 0.00	146.14 -10.95 0.00	140.33 -14.10 0.00	170.18 -19.33 0.00	132.64 -16.84 -1.09	121.96 -16.88 -2.06	121.37 -16.43 0.00	93.93 -12.23 0.00	110.96 -12.74 0.00	96.50 -9.71 0.00
OLIN_CORP_DSASP 323712	55.33 -4.54 0.00	61.27 -4.83 -0.24	68.50 -5.52 0.00	57.47 -4.58 0.00	66.88 -4.90 0.00	56.26 -4.04 0.00	51.84 -3.48 0.00	8.28 -0.57 0.00	10.53 -0.68 0.00	18.51 -1.32 0.00	64.98 -5.72 0.00	57.30 -5.14 0.00	74.60 -6.49 -2.53	120.91 -11.91 0.00	126.61 -11.65 0.00	146.28 -10.82 0.00	140.56 -13.87 0.00	170.42 -19.09 0.00	132.86 -16.61 -1.08	122.08 -16.74 -2.04	121.41 -16.40 0.00	93.99 -12.17 0.00	111.05 -12.65 0.00	97.18 -9.03 0.00
ONEIDA_HERK_LFGE 323681	61.30 1.42 0.00	67.71 1.81 -0.05	76.10 2.08 0.00	63.84 1.78 0.00	73.95 2.17 0.00	62.24 1.93 0.00	57.17 1.85 0.00	9.18 0.32 0.00	11.64 0.43 0.00	20.59 0.76 0.00	73.38 2.69 0.00	64.73 2.29 0.00	81.76 2.71 -0.49	137.55 4.72 0.00	143.19 4.93 0.00	163.00 5.90 0.00	160.35 5.92 0.00	197.06 7.55 0.00	154.38 5.78 -0.21	142.11 4.94 -0.40	142.69 4.89 0.00	109.95 3.80 0.00	127.79 4.09 0.00	109.74 3.53 0.00
ONEIDA___115KV_TB4 55905	61.63 1.76 0.00	68.09 2.15 -0.09	76.40 2.38 0.00	64.06 2.00 0.00	74.19 2.40 0.00	62.55 2.25 0.00	57.51 2.19 0.00	9.24 0.38 0.00	11.72 0.51 0.00	20.74 0.91 0.00	73.87 3.18 0.00	65.13 2.69 0.00	82.62 3.12 -0.94	138.19 5.37 0.00	144.10 5.85 0.00	164.01 6.91 0.00	161.08 6.64 0.00	197.01 7.50 0.00	154.64 5.84 -0.40	142.65 5.11 -0.76	142.79 4.98 0.00	109.99 3.84 0.00	127.99 4.29 0.00	109.76 3.55 0.00
ONONDAGA_REF_OCCRA 23987	60.03 0.16 0.00	66.19 0.16 -0.18	74.07 0.04 0.00	62.16 0.10 0.00	71.88 0.10 0.00	60.65 0.35 0.00	55.74 0.42 0.00	8.95 0.10 0.00	11.38 0.17 0.00	20.11 0.29 0.00	71.53 0.84 0.00	63.17 0.73 0.00	80.60 0.23 -1.81	132.86 0.03 0.00	138.65 0.40 0.00	157.71 0.61 0.00	154.59 0.16 0.00	189.38 -0.13 0.00	149.05 -0.12 -0.77	137.95 -0.28 -1.46	137.41 -0.39 0.00	105.86 -0.30 0.00	123.33 -0.37 0.00	105.90 -0.31 0.00
ONONDAGA___COGEN 23986	60.34 0.47 0.00	66.51 0.49 -0.16	74.48 0.45 0.00	62.49 0.43 0.00	72.36 0.58 0.00	61.10 0.79 0.00	56.16 0.84 0.00	9.02 0.17 0.00	11.46 0.25 0.00	20.27 0.44 0.00	72.01 1.31 0.00	63.55 1.12 0.00	80.26 0.02 -1.68	132.46 -0.36 0.00	138.24 -0.02 0.00	157.25 0.16 0.00	154.14 -0.30 0.00	188.86 -0.65 0.00	148.48 -0.63 -0.72	137.36 -0.77 -1.36	136.90 -0.90 0.00	105.48 -0.68 0.00	122.97 -0.73 0.00	105.63 -0.58 0.00
ONTARIO___LFGE 23819	59.99 0.12 0.00	66.39 0.30 -0.23	74.37 0.35 0.00	62.24 0.18 0.00	72.29 0.50 0.00	60.97 0.66 0.00	56.19 0.87 0.00	9.05 0.19 0.00	11.51 0.31 0.00	20.32 0.49 0.00	71.73 1.03 0.00	63.55 1.11 0.00	81.53 0.58 -2.39	133.49 0.66 0.00	139.40 1.14 0.00	159.09 2.00 0.00	155.01 0.58 0.00	188.06 -1.46 0.00	148.04 -1.38 -1.02	137.09 -1.61 -1.93	136.55 -1.25 0.00	105.22 -0.94 0.00	122.81 -0.89 0.00	105.69 -0.53 0.00
ORANGEVILLE_WT_PWR 323706	56.83 -3.04 0.00	63.30 -2.85 -0.29	71.10 -2.92 0.00	59.55 -2.51 0.00	69.29 -2.50 0.00	58.32 -1.99 0.00	53.81 -1.51 0.00	8.64 -0.22 0.00	10.98 -0.23 0.00	19.33 -0.50 0.00	68.04 -2.66 0.00	60.05 -2.39 0.00	78.31 -3.29 -3.04	126.77 -6.05 0.00	132.41 -5.85 0.00	152.35 -4.75 0.00	147.55 -6.89 0.00	178.95 -10.56 0.00	140.71 -8.99 -1.30	130.06 -9.16 -2.45	128.87 -8.93 0.00	99.62 -6.54 0.00	117.02 -6.68 0.00	101.36 -4.85 0.00
ORANGEVILLE___ESR 323794	56.83 -3.04 0.00	63.30 -2.85 -0.29	71.10 -2.92 0.00	59.55 -2.51 0.00	69.29 -2.50 0.00	58.32 -1.99 0.00	53.81 -1.51 0.00	8.64 -0.22 0.00	10.98 -0.23 0.00	19.33 -0.50 0.00	68.04 -2.66 0.00	60.05 -2.39 0.00	78.31 -3.29 -3.04	126.77 -6.05 0.00	132.41 -5.85 0.00	152.35 -4.75 0.00	147.55 -6.89 0.00	178.95 -10.56 0.00	140.71 -8.99 -1.30	130.06 -9.16 -2.45	128.87 -8.93 0.00	99.62 -6.54 0.00	117.02 -6.68 0.00	101.36 -4.85 0.00
OSWEGATCHIE___HYD 24044	59.32 -0.55 0.00	65.61 -0.28 -0.04	73.99 -0.03 0.00	62.10 0.05 0.00	71.82 0.03 0.00	59.89 -0.41 0.00	54.58 -0.74 0.00	8.75 -0.11 0.00	11.01 -0.20 0.00	19.39 -0.44 0.00	69.44 -1.25 0.00	61.19 -1.25 0.00	77.48 -1.50 -0.42	131.29 -1.54 0.00	135.86 -2.39 0.00	155.69 -1.40 0.00	153.85 -0.59 0.00	189.33 -0.19 0.00	147.83 -0.75 -0.18	135.98 -1.14 -0.34	136.84 -0.96 0.00	105.99 -0.17 0.00	123.78 0.08 0.00	107.00 0.79 0.00
OSWEGO___5 23606	58.32 -1.55 0.00	64.19 -1.75 -0.09	71.91 -2.11 0.00	60.42 -1.64 0.00	69.76 -2.02 0.00	58.86 -1.45 0.00	54.03 -1.29 0.00	8.67 -0.19 0.00	10.99 -0.22 0.00	19.43 -0.40 0.00	69.11 -1.58 0.00	61.15 -1.29 0.00	78.09 -1.65 -1.18	129.71 -3.12 0.00	135.25 -3.01 0.00	153.80 -3.29 0.00	150.83 -3.60 0.00	184.84 -4.67 0.00	145.17 -3.73 -0.50	134.12 -3.61 -0.95	134.11 -3.69 0.00	103.36 -2.80 0.00	120.50 -3.21 0.00	103.50 -2.71 0.00

OSWEGO___6 23613	58.32 -1.55 0.00	64.19 -1.75 -0.09	71.91 -2.11 0.00	60.42 -1.64 0.00	69.76 -2.02 0.00	58.86 -1.45 0.00	54.03 -1.29 0.00	8.67 -0.19 0.00	10.99 -0.22 0.00	19.43 -0.40 0.00	69.11 -1.58 0.00	61.15 -1.29 0.00	78.09 -1.65 -1.18	129.71 -3.12 0.00	135.25 -3.01 0.00	153.80 -3.29 0.00	150.83 -3.60 0.00	184.84 -4.67 0.00	145.17 -3.73 -0.50	134.12 -3.61 -0.95	134.11 -3.69 0.00	103.36 -2.80 0.00	120.50 -3.21 0.00	103.50 -2.71 0.00
OUTOKUMPU-AB___DRP 24206	56.50 -3.37 0.00	62.61 -3.49 -0.25	70.06 -3.96 0.00	58.77 -3.29 0.00	68.35 -3.44 0.00	57.53 -2.78 0.00	53.02 -2.30 0.00	8.48 -0.37 0.00	10.80 -0.41 0.00	18.96 -0.87 0.00	66.53 -4.17 0.00	58.74 -3.70 0.00	76.35 -4.79 -2.58	123.99 -8.84 0.00	129.87 -8.39 0.00	149.89 -7.21 0.00	144.21 -10.22 0.00	175.01 -14.50 0.00	136.50 -13.00 -1.10	125.56 -13.30 -2.08	124.86 -12.94 0.00	96.56 -9.59 0.00	113.95 -9.75 0.00	99.22 -6.99 0.00
OXBOW___BTM 323836	56.03 -3.85 0.00	62.06 -4.04 -0.24	69.39 -4.63 0.00	58.22 -3.84 0.00	67.74 -4.05 0.00	57.00 -3.30 0.00	52.54 -2.78 0.00	8.40 -0.46 0.00	10.68 -0.52 0.00	18.78 -1.05 0.00	65.91 -4.78 0.00	58.16 -4.28 0.00	75.68 -5.43 -2.55	122.72 -10.11 0.00	128.53 -9.72 0.00	148.42 -8.67 0.00	142.70 -11.73 0.00	173.18 -16.33 0.00	135.06 -14.42 -1.09	124.15 -14.68 -2.06	123.42 -14.38 0.00	95.48 -10.67 0.00	112.77 -10.93 0.00	98.40 -7.81 0.00
OXBOW____ 24026	56.04 -3.84 0.00	62.06 -4.04 -0.24	69.40 -4.62 0.00	58.23 -3.82 0.00	67.75 -4.04 0.00	56.99 -3.31 0.00	52.54 -2.78 0.00	8.40 -0.45 0.00	10.69 -0.51 0.00	18.78 -1.05 0.00	65.85 -4.84 0.00	58.14 -4.30 0.00	75.60 -5.51 -2.55	122.73 -10.10 0.00	128.56 -9.69 0.00	148.45 -8.64 0.00	142.71 -11.72 0.00	173.21 -16.30 0.00	135.00 -14.49 -1.09	124.13 -14.70 -2.06	123.45 -14.35 0.00	95.48 -10.68 0.00	112.75 -10.95 0.00	98.42 -7.79 0.00
OXY_CHEM_DSASP 323612	55.33 -4.54 0.00	61.28 -4.82 -0.24	68.50 -5.52 0.00	57.49 -4.57 0.00	66.89 -4.89 0.00	56.27 -4.04 0.00	51.84 -3.48 0.00	8.28 -0.57 0.00	10.54 -0.67 0.00	18.51 -1.32 0.00	64.89 -5.81 0.00	57.27 -5.17 0.00	74.53 -6.56 -2.53	120.95 -11.88 0.00	126.65 -11.60 0.00	146.32 -10.78 0.00	140.60 -13.83 0.00	170.45 -19.06 0.00	132.79 -16.69 -1.08	122.10 -16.72 -2.04	121.43 -16.36 0.00	93.95 -12.20 0.00	111.04 -12.66 0.00	97.19 -9.02 0.00
OZONE_PARK_ESR 323760	64.72 4.85 0.00	72.38 4.96 -1.56	78.90 4.88 0.00	65.95 3.90 0.00	76.34 4.56 0.00	64.32 4.01 0.00	59.00 3.68 0.00	9.48 0.63 0.00	12.10 0.89 0.00	21.53 1.70 0.00	77.86 7.16 0.00	68.84 6.40 0.00	103.17 8.01 -16.60	146.36 13.51 -0.02	152.38 14.12 0.00	171.38 14.29 0.00	168.31 13.88 0.00	206.01 16.50 0.00	170.07 14.59 -7.08	164.01 13.86 -13.37	151.70 13.90 0.00	116.98 10.83 0.00	135.83 12.12 0.00	116.14 9.93 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	55.33 -4.54 0.00	61.28 -4.82 -0.24	68.50 -5.52 0.00	57.49 -4.57 0.00	66.89 -4.89 0.00	56.27 -4.04 0.00	51.84 -3.48 0.00	8.28 -0.57 0.00	10.54 -0.67 0.00	18.51 -1.32 0.00	64.89 -5.81 0.00	57.27 -5.17 0.00	74.53 -6.56 -2.53	120.95 -11.88 0.00	126.65 -11.60 0.00	146.32 -10.78 0.00	140.60 -13.83 0.00	170.45 -19.06 0.00	132.79 -16.69 -1.08	122.10 -16.72 -2.04	121.43 -16.36 0.00	93.95 -12.20 0.00	111.04 -12.66 0.00	97.19 -9.02 0.00
PACKARD__115KV_DUPONT_184 80571	55.33 -4.54 0.00	61.28 -4.82 -0.24	68.50 -5.52 0.00	57.49 -4.57 0.00	66.89 -4.89 0.00	56.27 -4.04 0.00	51.84 -3.48 0.00	8.28 -0.57 0.00	10.54 -0.67 0.00	18.51 -1.32 0.00	64.89 -5.81 0.00	57.27 -5.17 0.00	74.53 -6.56 -2.53	120.95 -11.88 0.00	126.65 -11.60 0.00	146.32 -10.78 0.00	140.60 -13.83 0.00	170.45 -19.06 0.00	132.79 -16.69 -1.08	122.10 -16.72 -2.04	121.43 -16.36 0.00	93.95 -12.20 0.00	111.04 -12.66 0.00	97.19 -9.02 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	64.20 4.33 0.00	71.83 4.41 -1.56	78.31 4.29 0.00	65.42 3.37 0.00	75.69 3.91 0.00	63.77 3.46 0.00	58.54 3.23 0.00	9.41 0.55 0.00	12.00 0.79 0.00	21.36 1.53 0.00	77.16 6.46 0.00	68.15 5.71 0.00	102.23 7.07 -16.60	144.74 11.90 -0.02	150.43 12.18 0.00	169.13 12.04 0.00	166.15 11.72 0.00	203.47 13.95 0.00	168.16 12.68 -7.08	162.46 12.30 -13.37	149.89 12.08 0.00	115.64 9.48 0.00	134.18 10.48 0.00	114.87 8.66 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	64.36 4.49 0.00	72.02 4.61 -1.56	78.51 4.49 0.00	65.44 3.39 0.00	75.70 3.92 0.00	63.78 3.47 0.00	58.60 3.28 0.00	9.41 0.56 0.00	12.00 0.79 0.00	21.36 1.53 0.00	77.17 6.47 0.00	68.23 5.79 0.00	102.33 7.17 -16.60	144.95 12.09 -0.02	150.77 12.51 0.00	169.66 12.56 0.00	166.59 12.16 0.00	204.06 14.54 0.00	168.61 13.13 -7.08	162.85 12.70 -13.37	150.27 12.47 0.00	115.92 9.76 0.00	134.58 10.87 0.00	115.24 9.03 0.00
PATROON__115KV_TB1 80586	62.86 2.99 0.00	70.99 3.24 -1.90	77.39 3.36 0.00	64.83 2.77 0.00	75.06 3.28 0.00	63.10 2.79 0.00	57.76 2.44 0.00	9.23 0.37 0.00	11.70 0.49 0.00	20.71 0.89 0.00	73.72 3.02 0.00	64.92 2.47 0.00	102.37 3.38 -20.43	138.85 5.99 -0.03	144.30 6.05 0.00	162.94 5.84 0.00	159.67 5.24 0.00	197.35 7.83 0.00	163.73 6.62 -8.71	159.33 6.09 -16.46	143.63 5.83 0.00	111.09 4.93 0.00	129.73 6.02 0.00	111.13 4.92 0.00
PATTRSNVILLE__SOLAR 323815	62.61 2.74 0.00	70.80 2.94 -2.00	77.18 3.16 0.00	64.70 2.64 0.00	74.85 3.07 0.00	62.92 2.62 0.00	57.70 2.38 0.00	9.26 0.40 0.00	11.73 0.52 0.00	20.70 0.87 0.00	73.79 3.09 0.00	65.16 2.72 0.00	103.49 3.40 -21.53	138.70 5.84 -0.03	144.74 6.49 0.00	164.57 7.48 0.00	161.80 7.37 0.00	198.80 9.28 0.00	165.09 7.51 -9.18	160.99 6.87 -17.34	144.83 7.03 0.00	111.59 5.43 0.00	129.79 6.09 0.00	111.29 5.08 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	57.05 -2.82 0.00	63.24 -2.89 -0.27	70.79 -3.23 0.00	59.31 -2.74 0.00	68.99 -2.79 0.00	58.08 -2.22 0.00	53.51 -1.81 0.00	8.57 -0.28 0.00	10.90 -0.30 0.00	19.20 -0.62 0.00	67.59 -3.11 0.00	59.62 -2.82 0.00	77.55 -3.83 -2.82	125.70 -7.13 0.00	131.60 -6.65 0.00	151.30 -5.79 0.00	146.17 -8.26 0.00	177.43 -12.09 0.00	138.83 -10.77 -1.20	128.01 -11.04 -2.27	127.22 -10.59 0.00	98.38 -7.78 0.00	115.91 -7.80 0.00	100.46 -5.75 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	64.69 4.82 0.00	72.49 5.07 -1.56	79.18 5.15 0.00	66.20 4.15 0.00	76.64 4.86 0.00	64.53 4.23 0.00	59.23 3.91 0.00	9.52 0.66 0.00	12.14 0.93 0.00	21.55 1.72 0.00	77.48 6.78 0.00	68.40 5.96 0.00	102.85 7.53 -16.76	145.76 12.90 -0.02	151.83 13.58 0.00	171.14 14.04 0.00	167.96 13.53 0.00	206.06 16.55 0.00	169.72 14.17 -7.15	163.56 13.28 -13.50	151.01 13.21 0.00	116.43 10.28 0.00	135.11 11.40 0.00	115.65 9.44 0.00
PEEKSKILL____ 23653	63.76 3.89 0.00	71.42 4.03 -1.53	78.07 4.05 0.00	65.29 3.23 0.00	75.56 3.78 0.00	63.60 3.30 0.00	58.35 3.03 0.00	9.38 0.52 0.00	11.95 0.74 0.00	21.22 1.39 0.00	76.48 5.78 0.00	67.60 5.16 0.00	101.41 6.43 -16.42	143.69 10.84 -0.02	149.56 11.30 0.00	168.34 11.24 0.00	165.19 10.76 0.00	202.53 13.02 0.00	166.90 11.50 -7.00	160.94 10.94 -13.23	148.71 10.90 0.00	114.71 8.55 0.00	133.13 9.42 0.00	114.02 7.81 0.00

PGE MADISON___WINDPWR 24146	63.69 3.82 0.00	69.41 3.06 -0.49	78.13 4.11 0.00	66.24 4.19 0.00	77.07 5.29 0.00	64.91 4.60 0.00	60.51 5.19 0.00	9.83 0.97 0.00	12.60 1.39 0.00	22.32 2.49 0.00	79.19 8.50 0.00	70.31 7.87 0.00	92.77 9.10 -5.12	147.35 14.51 -0.01	153.42 15.16 0.00	175.06 17.96 0.00	172.24 17.80 0.00	209.66 20.14 0.00	166.31 15.72 -2.18	154.61 13.71 -4.12	150.16 12.36 0.00	115.25 9.09 0.00	134.27 10.56 0.00	114.81 8.60 0.00
PIERCEFIELD___HYD 23852	58.57 -1.30 0.00	64.56 -1.30 0.00	72.96 -1.06 0.00	61.17 -0.89 0.00	70.56 -1.22 0.00	58.47 -1.84 0.00	53.06 -2.26 0.00	8.47 -0.39 0.00	10.57 -0.64 0.00	18.54 -1.28 0.00	66.61 -4.09 0.00	58.73 -3.71 0.00	74.23 -4.32 0.00	127.28 -5.55 0.00	130.85 -7.40 0.00	150.98 -6.11 0.00	149.60 -4.83 0.00	183.81 -5.70 0.00	143.05 -5.35 0.00	131.67 -5.11 0.00	132.99 -4.81 0.00	103.39 -2.77 0.00	121.45 -2.25 0.00	105.29 -0.92 0.00
PINELAWN_CC_1 323563	65.45 5.58 0.00	73.22 5.80 -1.56	80.04 6.01 0.00	66.87 4.81 0.00	77.36 5.58 0.00	65.01 4.71 0.00	59.78 4.46 0.00	21.17 0.86 -11.45	94.16 1.19 -81.76	32.62 2.11 -10.68	239.79 8.43 -160.67	171.33 7.38 -101.51	132.18 9.22 -44.40	168.88 15.72 -20.33	174.27 16.62 -19.40	178.25 16.81 -4.35	174.56 16.59 -3.54	207.37 17.86 0.00	172.82 16.79 -7.63	172.00 15.85 -19.37	171.38 16.03 -17.54	167.86 12.32 -49.38	157.27 13.60 -19.97	127.59 11.52 -9.86
PJM_GEN_HTP_PROXY 323702	64.13 4.26 0.00	71.77 4.35 -1.56	73.09 4.26 5.19	65.46 3.40 0.00	75.76 3.97 0.00	63.79 3.49 0.00	58.51 3.19 0.00	9.41 0.55 0.00	11.99 0.78 0.00	21.33 1.50 0.00	74.04 6.35 3.01	68.10 5.66 0.00	102.24 7.08 -16.60	144.78 11.93 -0.02	150.68 12.43 0.00	169.46 12.37 0.00	166.37 11.94 0.00	203.68 14.16 0.00	166.72 12.63 -5.69	161.32 12.02 -12.52	149.83 12.03 0.00	115.59 9.44 0.00	134.21 10.50 0.00	114.86 8.65 0.00
PJM_GEN_KEystone 24065	44.83 0.50 15.54	43.79 0.57 22.64	48.19 0.50 26.32	41.91 0.22 20.37	41.00 0.46 31.24	40.06 0.50 20.75	25.64 0.49 30.17	8.96 0.10 0.00	11.40 0.19 0.00	20.19 0.36 0.00	61.84 1.55 10.41	47.47 1.39 16.35	67.24 1.42 12.73	62.60 1.97 72.19	44.65 2.27 95.88	53.39 2.01 105.71	50.23 1.03 105.23	40.65 0.12 148.99	86.85 0.74 62.29	53.55 0.73 83.95	66.55 0.78 72.03	56.45 0.98 50.69	64.23 1.36 60.83	42.09 1.38 65.51
PJM_GEN_NEPTUNE_PROXY 323594	64.63 4.76 0.00	72.36 4.96 -1.55	73.89 5.06 5.19	66.15 4.10 0.00	76.51 4.73 0.00	64.34 4.04 0.00	59.10 3.79 0.00	12.42 0.73 -2.83	35.16 1.01 -22.94	24.36 1.81 -2.73	111.75 7.33 -33.72	94.54 6.48 -25.62	102.73 8.13 -16.04	141.87 13.78 4.74	147.81 14.44 4.89	153.75 14.39 17.73	153.22 14.08 15.29	188.27 15.23 16.49	150.34 14.54 12.61	149.34 13.80 1.24	143.46 13.94 8.28	122.73 10.78 -5.79	135.79 11.87 -0.21	114.00 10.18 2.39
PJM_GEN_VFT_PROXY 323633	63.74 3.86 0.00	71.27 3.85 -1.56	72.48 3.65 5.19	64.97 2.92 0.00	75.18 3.39 0.00	63.36 3.06 0.00	58.10 2.78 0.00	9.33 0.48 0.00	11.90 0.70 0.00	21.20 1.37 0.00	73.61 5.92 3.01	67.74 5.30 0.00	101.77 6.61 -16.60	143.87 11.02 -0.02	149.81 11.55 0.00	168.32 11.23 0.00	165.30 10.87 0.00	202.32 12.80 0.00	165.83 11.74 -5.69	160.48 11.18 -12.53	148.95 11.15 0.00	114.90 8.74 0.00	133.42 9.72 0.00	114.18 7.97 0.00
PLATSBURG_115KV_PMLD1 355749	58.86 -1.01 0.00	64.92 -0.94 0.00	73.50 -0.52 0.00	61.53 -0.52 0.00	71.17 -0.61 0.00	59.11 -1.20 0.00	54.31 -1.01 0.00	8.69 -0.16 0.00	10.84 -0.37 0.00	19.13 -0.70 0.00	68.54 -2.15 0.00	60.67 -1.77 0.00	76.62 -1.94 0.00	130.47 -2.36 0.00	135.58 -2.68 0.00	155.33 -1.77 0.00	153.84 -0.59 0.00	189.03 -0.48 0.00	147.27 -1.13 0.00	135.48 -1.30 0.00	136.60 -1.20 0.00	104.87 -1.29 0.00	122.35 -1.35 0.00	106.46 0.25 0.00
PLEASANTVLY___LBMP 24000	63.78 3.91 0.00	71.56 4.10 -1.61	78.12 4.10 0.00	65.31 3.25 0.00	75.64 3.86 0.00	63.64 3.34 0.00	58.34 3.03 0.00	9.37 0.51 0.00	11.93 0.72 0.00	21.17 1.34 0.00	76.04 5.35 0.00	67.12 4.68 0.00	101.76 5.91 -17.29	142.97 10.12 -0.03	148.79 10.53 0.00	167.66 10.56 0.00	164.43 10.00 0.00	201.78 12.27 0.00	166.58 10.81 -7.37	160.90 10.19 -13.93	147.99 10.19 0.00	114.16 8.00 0.00	132.52 8.82 0.00	113.52 7.31 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	64.09 4.22 0.00	71.81 4.39 -1.57	78.41 4.39 0.00	65.56 3.51 0.00	75.89 4.11 0.00	63.89 3.58 0.00	58.61 3.29 0.00	9.42 0.56 0.00	12.00 0.79 0.00	21.31 1.48 0.00	76.77 6.07 0.00	67.82 5.38 0.00	102.04 6.76 -16.72	144.26 11.41 -0.02	150.18 11.92 0.00	169.10 12.00 0.00	165.93 11.50 0.00	203.41 13.89 0.00	167.77 12.24 -7.13	161.81 11.56 -13.47	149.40 11.60 0.00	115.26 9.10 0.00	133.75 10.04 0.00	114.51 8.30 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	64.09 4.22 0.00	71.81 4.39 -1.57	78.41 4.39 0.00	65.56 3.51 0.00	75.89 4.11 0.00	63.89 3.58 0.00	58.61 3.29 0.00	9.42 0.56 0.00	12.00 0.79 0.00	21.31 1.48 0.00	76.77 6.07 0.00	67.82 5.38 0.00	102.04 6.76 -16.72	144.26 11.41 -0.02	150.18 11.92 0.00	169.10 12.00 0.00	165.93 11.50 0.00	203.41 13.89 0.00	167.77 12.24 -7.13	161.81 11.56 -13.47	149.40 11.60 0.00	115.26 9.10 0.00	133.75 10.04 0.00	114.51 8.30 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	64.38 4.51 0.00	72.19 4.75 -1.58	78.84 4.82 0.00	65.88 3.83 0.00	76.35 4.56 0.00	64.23 3.93 0.00	58.91 3.59 0.00	9.47 0.61 0.00	12.06 0.85 0.00	21.41 1.58 0.00	76.78 6.09 0.00	67.73 5.29 0.00	102.25 6.74 -16.95	144.46 11.61 -0.03	150.47 12.22 0.00	169.78 12.68 0.00	166.63 12.20 0.00	204.50 14.98 0.00	168.53 12.90 -7.23	162.46 12.03 -13.65	149.76 11.96 0.00	115.45 9.30 0.00	133.95 10.25 0.00	114.73 8.52 0.00
POLETTI___ 23519	64.00 4.13 0.00	71.58 4.16 -1.56	77.91 3.89 0.00	65.16 3.11 0.00	75.43 3.65 0.00	63.53 3.23 0.00	58.22 2.90 0.00	9.36 0.50 0.00	11.93 0.73 0.00	21.24 1.41 0.00	76.95 6.26 0.00	68.04 5.60 0.00	102.17 7.01 -16.60	144.65 11.80 -0.02	150.54 12.29 0.00	169.09 12.00 0.00	166.10 11.67 0.00	202.99 13.48 0.00	167.92 12.44 -7.08	162.02 11.87 -13.37	149.77 11.97 0.00	115.52 9.37 0.00	134.12 10.41 0.00	114.76 8.55 0.00
POMONA___ESR 323819	63.30 3.43 0.00	70.89 3.60 -1.44	77.95 3.93 0.00	65.19 3.13 0.00	75.42 3.63 0.00	63.48 3.18 0.00	58.25 2.94 0.00	9.36 0.50 0.00	11.92 0.71 0.00	21.17 1.34 0.00	76.37 5.67 0.00	67.52 5.07 0.00	100.78 6.28 -15.94	143.34 10.49 -0.02	149.18 10.92 0.00	167.92 10.82 0.00	164.87 10.44 0.00	202.26 12.74 0.00	166.39 11.19 -6.80	160.28 10.66 -12.84	148.37 10.57 0.00	114.46 8.30 0.00	132.83 9.13 0.00	113.74 7.53 0.00
PORT_JEFF_3 23555	65.51 5.64 0.00	73.29 5.88 -1.56	80.15 6.12 0.00	67.12 5.06 0.00	77.61 5.82 0.00	65.27 4.97 0.00	59.99 4.68 0.00	20.57 0.90 -10.82	99.28 1.23 -86.84	32.42 2.19 -10.40	235.16 8.58 -155.89	165.85 7.65 -95.75	115.28 9.67 -27.05	154.05 16.23 -4.99	159.75 16.96 -4.54	164.68 16.75 9.16	162.76 16.32 7.98	195.55 16.12 10.09	160.38 15.89 3.90	159.58 15.53 -7.28	155.49 15.95 -1.74	141.08 12.22 -22.71	145.33 13.75 -7.88	120.14 11.54 -2.40

PORT_JEFF_4 23616	65.51 5.64 0.00	73.29 5.88 -1.56	80.15 6.12 0.00	67.12 5.06 0.00	77.61 5.82 0.00	65.27 4.97 0.00	59.99 4.68 0.00	20.57 0.90 -10.82	99.28 1.23 -86.84	32.42 2.19 -10.40	235.16 8.58 -155.89	165.85 7.65 -95.75	115.28 9.67 -27.05	154.05 16.23 -4.99	159.75 16.96 -4.54	164.68 16.75 9.16	162.76 16.32 7.98	195.55 16.12 10.09	160.38 15.89 3.90	159.58 15.53 -7.28	155.49 15.95 -1.74	141.08 12.22 -22.71	145.33 13.75 -7.88	120.14 11.54 -2.40
PORT_JEFF_IC 23713	65.64 5.77 0.00	73.44 6.03 -1.56	80.28 6.26 0.00	67.22 5.17 0.00	77.74 5.96 0.00	65.39 5.08 0.00	60.10 4.79 0.00	20.60 0.91 -10.83	99.13 1.25 -86.67	32.48 2.24 -10.41	235.39 8.75 -155.95	166.08 7.79 -95.86	115.86 9.81 -27.49	154.59 16.39 -5.37	160.24 17.07 -4.91	165.33 17.05 8.82	163.26 16.52 7.69	196.17 16.49 9.83	160.86 16.07 3.61	160.20 15.84 -7.58	156.11 16.17 -2.14	141.99 12.45 -23.38	145.89 14.01 -8.18	120.56 11.77 -2.59
PPL PILGRIM_ST_GT1 24216	65.76 5.89 0.00	73.59 6.17 -1.56	80.49 6.47 0.00	67.36 5.30 0.00	77.89 6.11 0.00	65.47 5.17 0.00	60.18 4.86 0.00	20.70 0.92 -10.92	98.47 1.27 -85.99	32.53 2.26 -10.45	236.15 8.94 -156.51	166.83 7.87 -96.52	117.93 9.74 -29.63	156.76 16.66 -7.27	162.66 17.66 -6.75	167.82 17.88 7.15	165.70 17.54 6.27	199.63 18.70 8.59	163.73 17.51 2.19	162.46 16.60 -9.08	158.65 16.76 -4.09	145.65 12.82 -26.67	147.64 14.26 -9.68	121.76 12.04 -3.52
PPL PILGRIM_ST_GT2 24217	65.76 5.89 0.00	73.59 6.17 -1.56	80.49 6.47 0.00	67.36 5.30 0.00	77.89 6.11 0.00	65.47 5.17 0.00	60.18 4.86 0.00	20.70 0.92 -10.92	98.47 1.27 -85.99	32.53 2.26 -10.45	236.15 8.94 -156.51	166.83 7.87 -96.52	117.93 9.74 -29.63	156.76 16.66 -7.27	162.66 17.66 -6.75	167.82 17.88 7.15	165.70 17.54 6.27	199.63 18.70 8.59	163.73 17.51 2.19	162.46 16.60 -9.08	158.65 16.76 -4.09	145.65 12.82 -26.67	147.64 14.26 -9.68	121.76 12.04 -3.52
PPL_SHRM_GT3 24213	65.96 6.09 0.00	73.82 6.41 -1.56	80.71 6.69 0.00	67.67 5.61 0.00	78.28 6.49 0.00	65.87 5.57 0.00	60.61 5.29 0.00	20.68 0.99 -10.83	99.34 1.35 -86.78	32.65 2.42 -10.41	236.05 9.42 -155.93	166.58 8.33 -95.81	116.39 10.60 -27.23	155.42 17.45 -5.14	161.52 18.58 -4.69	166.94 18.87 9.02	164.67 18.10 7.87	198.25 18.72 9.98	162.72 18.11 3.79	161.41 17.23 -7.40	157.20 17.49 -1.90	142.16 13.02 -22.98	146.30 14.60 -8.00	120.77 12.09 -2.47
PPL_SHRM_GT4 24214	65.96 6.09 0.00	73.82 6.41 -1.56	80.71 6.69 0.00	67.67 5.61 0.00	78.28 6.49 0.00	65.87 5.57 0.00	60.61 5.29 0.00	20.68 0.99 -10.83	99.34 1.35 -86.78	32.65 2.42 -10.41	236.05 9.42 -155.93	166.58 8.33 -95.81	116.39 10.60 -27.23	155.42 17.45 -5.14	161.52 18.58 -4.69	166.94 18.87 9.02	164.67 18.10 7.87	198.25 18.72 9.98	162.72 18.11 3.79	161.41 17.23 -7.40	157.20 17.49 -1.90	142.16 13.02 -22.98	146.30 14.60 -8.00	120.77 12.09 -2.47
PROJECT___ORANGE 1 24174	59.52 -0.35 0.00	65.58 -0.42 -0.15	73.41 -0.61 0.00	61.64 -0.41 0.00	71.25 -0.53 0.00	60.14 -0.16 0.00	55.24 -0.07 0.00	8.87 0.02 0.00	11.26 0.06 0.00	19.92 0.09 0.00	70.84 0.14 0.00	62.56 0.12 0.00	79.62 -0.42 -1.48	131.79 -1.04 0.00	137.48 -0.77 0.00	156.37 -0.72 0.00	153.25 -1.18 0.00	187.76 -1.75 0.00	147.59 -1.44 -0.63	136.49 -1.48 -1.19	136.19 -1.61 0.00	104.94 -1.22 0.00	122.28 -1.43 0.00	105.01 -1.20 0.00
PROJECT___ORANGE 2 24166	59.52 -0.35 0.00	65.58 -0.42 -0.15	73.41 -0.61 0.00	61.64 -0.41 0.00	71.25 -0.53 0.00	60.14 -0.16 0.00	55.24 -0.07 0.00	8.87 0.02 0.00	11.26 0.06 0.00	19.92 0.09 0.00	70.84 0.14 0.00	62.56 0.12 0.00	79.62 -0.42 -1.48	131.79 -1.04 0.00	137.48 -0.77 0.00	156.37 -0.72 0.00	153.25 -1.18 0.00	187.76 -1.75 0.00	147.59 -1.44 -0.63	136.49 -1.48 -1.19	136.19 -1.61 0.00	104.94 -1.22 0.00	122.28 -1.43 0.00	105.01 -1.20 0.00
PUCKETT___SOLAR 323809	61.04 1.17 0.00	67.51 1.13 -0.52	75.42 1.39 0.00	63.20 1.15 0.00	73.33 1.55 0.00	61.72 1.42 0.00	56.85 1.53 0.00	9.15 0.30 0.00	11.67 0.46 0.00	20.64 0.81 0.00	73.46 2.76 0.00	65.03 2.59 0.00	86.78 2.77 -5.46	137.00 4.17 -0.01	142.65 4.40 0.00	162.25 5.16 0.00	159.01 4.58 0.00	193.83 4.32 0.00	154.47 3.74 -2.33	144.55 3.38 -4.40	140.84 3.03 0.00	108.58 2.42 0.00	126.48 2.77 0.00	108.51 2.30 0.00
PYRITES___HYD 24023	59.54 -0.33 0.00	65.62 -0.24 0.00	74.19 0.17 0.00	62.15 0.10 0.00	71.80 0.01 0.00	59.55 -0.75 0.00	54.20 -1.12 0.00	8.65 -0.20 0.00	10.79 -0.41 0.00	18.90 -0.93 0.00	67.53 -3.17 0.00	59.40 -3.04 0.00	75.16 -3.39 0.00	129.06 -3.77 0.00	132.79 -5.46 0.00	154.08 -3.01 0.00	152.94 -1.49 0.00	188.16 -1.36 0.00	146.27 -2.13 0.00	134.59 -2.18 0.00	135.83 -1.97 0.00	105.18 -0.98 0.00	123.39 -0.31 0.00	106.92 0.71 0.00
QUAKERRD_115KV_BK1 80622	57.48 -2.39 0.00	63.47 -2.57 -0.19	70.99 -3.03 0.00	59.62 -2.43 0.00	69.11 -2.68 0.00	58.28 -2.03 0.00	53.65 -1.67 0.00	8.61 -0.25 0.00	10.93 -0.28 0.00	19.29 -0.54 0.00	68.22 -2.47 0.00	60.26 -2.18 0.00	77.50 -3.01 -1.96	127.34 -5.49 0.00	133.07 -5.19 0.00	152.24 -4.85 0.00	148.20 -6.23 0.00	180.88 -8.63 0.00	141.60 -7.63 -0.83	130.54 -7.81 -1.58	129.98 -7.83 0.00	100.21 -5.95 0.00	117.31 -6.39 0.00	101.14 -5.07 0.00
QUEENSBRY_115KV_TB8 356137	64.45 4.58 0.00	72.69 4.89 -1.95	79.32 5.30 0.00	66.24 4.18 0.00	76.57 4.79 0.00	64.12 3.81 0.00	58.49 3.18 0.00	9.34 0.48 0.00	11.85 0.64 0.00	20.87 1.04 0.00	74.51 3.81 0.00	65.96 3.53 0.00	104.32 4.82 -20.95	140.81 7.95 -0.03	147.12 8.86 0.00	167.54 10.45 0.00	164.81 10.38 0.00	203.21 13.69 0.00	168.20 10.87 -8.93	163.25 9.59 -16.88	149.29 11.48 0.00	115.40 9.24 0.00	133.98 10.28 0.00	114.53 8.32 0.00
RAMAPO___LBMP 323565	63.13 3.26 0.00	70.71 3.41 -1.44	77.70 3.67 0.00	64.97 2.92 0.00	75.19 3.41 0.00	63.29 2.98 0.00	58.07 2.75 0.00	9.33 0.47 0.00	11.88 0.67 0.00	21.09 1.27 0.00	76.06 5.37 0.00	67.24 4.80 0.00	100.41 5.95 -15.90	142.78 9.94 -0.02	148.59 10.33 0.00	167.21 10.12 0.00	164.14 9.70 0.00	201.34 11.82 0.00	165.67 10.49 -6.78	159.57 9.99 -12.81	147.73 9.93 0.00	113.95 7.80 0.00	132.26 8.56 0.00	113.30 7.09 0.00
RANKINE____ 23646	56.94 -2.93 0.00	63.15 -2.96 -0.26	70.72 -3.30 0.00	59.30 -2.75 0.00	68.97 -2.81 0.00	58.03 -2.27 0.00	53.50 -1.81 0.00	8.57 -0.28 0.00	10.90 -0.30 0.00	19.18 -0.65 0.00	67.38 -3.32 0.00	59.49 -2.94 0.00	77.44 -3.86 -2.74	125.56 -7.27 0.00	131.47 -6.79 0.00	151.54 -5.56 0.00	146.10 -8.33 0.00	177.33 -12.18 0.00	138.59 -10.98 -1.17	127.67 -11.31 -2.21	126.83 -10.98 0.00	98.06 -8.10 0.00	115.54 -8.16 0.00	100.20 -6.01 0.00
RAVENSWOOD_GT2_1 24244	64.18 4.31 0.00	71.81 4.39 -1.56	78.28 4.26 0.00	65.45 3.40 0.00	75.76 3.98 0.00	63.79 3.49 0.00	58.53 3.21 0.00	9.41 0.55 0.00	11.99 0.78 0.00	21.34 1.51 0.00	77.12 6.43 0.00	68.16 5.72 0.00	102.31 7.15 -16.60	144.86 12.01 -0.02	150.76 12.51 0.00	169.51 12.42 0.00	166.44 12.01 0.00	203.74 14.22 0.00	168.24 12.76 -7.08	162.33 12.17 -13.37	149.95 12.15 0.00	115.69 9.53 0.00	134.31 10.61 0.00	114.95 8.74 0.00

RAVENSWOOD_GT2_2 24245	64.18 4.31 0.00	71.81 4.39 -1.56	78.28 4.26 0.00	65.45 3.40 0.00	75.76 3.98 0.00	63.79 3.49 0.00	58.53 3.21 0.00	9.41 0.55 0.00	11.99 0.78 0.00	21.34 1.51 0.00	77.12 6.43 0.00	68.16 5.72 0.00	102.31 7.15 -16.60	144.86 12.01 -0.02	150.76 12.51 0.00	169.51 12.42 0.00	166.44 12.01 0.00	203.74 14.22 0.00	168.24 12.76 -7.08	162.33 12.17 -13.37	149.95 12.15 0.00	115.69 9.53 0.00	134.31 10.61 0.00	114.95 8.74 0.00
RAVENSWOOD_GT2_3 24246	64.19 4.32 0.00	71.84 4.42 -1.56	78.32 4.30 0.00	65.48 3.43 0.00	75.78 4.00 0.00	63.83 3.53 0.00	58.56 3.24 0.00	9.41 0.55 0.00	12.00 0.79 0.00	21.35 1.52 0.00	77.16 6.46 0.00	68.20 5.76 0.00	102.35 7.19 -16.60	144.91 12.06 -0.02	150.81 12.56 0.00	169.62 12.52 0.00	166.53 12.10 0.00	203.83 14.32 0.00	168.33 12.85 -7.08	162.37 12.22 -13.37	150.05 12.24 0.00	115.70 9.54 0.00	134.34 10.64 0.00	114.98 8.77 0.00
RAVENSWOOD_GT2_4 24247	64.19 4.32 0.00	71.84 4.42 -1.56	78.32 4.30 0.00	65.48 3.43 0.00	75.78 4.00 0.00	63.83 3.53 0.00	58.56 3.24 0.00	9.41 0.55 0.00	12.00 0.79 0.00	21.35 1.52 0.00	77.16 6.46 0.00	68.20 5.76 0.00	102.35 7.19 -16.60	144.91 12.06 -0.02	150.81 12.56 0.00	169.62 12.52 0.00	166.53 12.10 0.00	203.83 14.32 0.00	168.33 12.85 -7.08	162.37 12.22 -13.37	150.05 12.24 0.00	115.70 9.54 0.00	134.34 10.64 0.00	114.98 8.77 0.00
RAVENSWOOD_GT3_1 24248	64.18 4.31 0.00	71.81 4.39 -1.56	78.28 4.26 0.00	65.45 3.40 0.00	75.76 3.98 0.00	63.79 3.49 0.00	58.53 3.21 0.00	9.41 0.55 0.00	11.99 0.79 0.00	21.34 1.51 0.00	77.12 6.43 0.00	68.16 5.72 0.00	102.31 7.15 -16.60	144.87 12.02 -0.02	150.78 12.52 0.00	169.51 12.42 0.00	166.44 12.01 0.00	203.74 14.22 0.00	168.24 12.76 -7.08	162.33 12.17 -13.37	149.95 12.15 0.00	115.69 9.53 0.00	134.32 10.62 0.00	114.95 8.74 0.00
RAVENSWOOD_GT3_2 24249	64.18 4.31 0.00	71.81 4.39 -1.56	78.28 4.26 0.00	65.45 3.40 0.00	75.76 3.98 0.00	63.79 3.49 0.00	58.53 3.21 0.00	9.41 0.55 0.00	11.99 0.79 0.00	21.34 1.51 0.00	77.12 6.43 0.00	68.16 5.72 0.00	102.31 7.15 -16.60	144.87 12.02 -0.02	150.78 12.52 0.00	169.51 12.42 0.00	166.44 12.01 0.00	203.74 14.22 0.00	168.24 12.76 -7.08	162.33 12.17 -13.37	149.95 12.15 0.00	115.69 9.53 0.00	134.32 10.62 0.00	114.95 8.74 0.00
RAVENSWOOD_GT3_3 24250	64.26 4.39 0.00	71.90 4.49 -1.56	78.39 4.37 0.00	65.54 3.49 0.00	75.86 4.08 0.00	63.90 3.60 0.00	58.61 3.29 0.00	9.42 0.57 0.00	12.01 0.80 0.00	21.37 1.55 0.00	77.23 6.54 0.00	68.27 5.83 0.00	102.45 7.29 -16.60	145.06 12.20 -0.02	151.02 12.76 0.00	169.80 12.71 0.00	166.71 12.28 0.00	204.07 14.55 0.00	168.50 13.02 -7.08	162.56 12.41 -13.37	150.21 12.41 0.00	115.85 9.69 0.00	134.49 10.78 0.00	115.09 8.88 0.00
RAVENSWOOD_GT3_4 24251	64.26 4.39 0.00	71.90 4.49 -1.56	78.39 4.37 0.00	65.54 3.49 0.00	75.86 4.08 0.00	63.90 3.60 0.00	58.61 3.29 0.00	9.42 0.57 0.00	12.01 0.80 0.00	21.37 1.55 0.00	77.23 6.54 0.00	68.27 5.83 0.00	102.45 7.29 -16.60	145.06 12.20 -0.02	151.02 12.76 0.00	169.80 12.71 0.00	166.71 12.28 0.00	204.07 14.55 0.00	168.50 13.02 -7.08	162.56 12.41 -13.37	150.21 12.41 0.00	115.85 9.69 0.00	134.49 10.78 0.00	115.09 8.88 0.00
RAVENSWOOD_GT_1 23729	64.77 4.45 -0.44	71.97 4.56 -1.56	78.47 4.45 0.00	65.59 3.54 0.00	75.90 4.12 0.00	63.94 3.63 0.00	59.19 3.37 -0.50	9.43 0.57 0.00	12.02 0.81 0.00	22.86 1.59 -1.44	127.20 6.79 -49.71	77.24 6.04 -8.76	106.98 7.53 -20.89	145.42 12.57 -0.02	151.30 13.05 0.00	170.11 13.02 0.00	167.04 12.61 0.00	204.31 14.79 0.00	174.66 13.40 -12.86	192.30 12.86 -42.67	154.88 12.74 -4.34	123.29 10.04 -7.09	145.61 11.15 -10.76	116.36 9.15 -1.00
RAVENSWOOD_GT_10 24258	64.17 4.30 0.00	71.81 4.39 -1.56	78.28 4.26 0.00	65.45 3.40 0.00	75.76 3.98 0.00	63.79 3.49 0.00	58.53 3.21 0.00	9.41 0.55 0.00	11.99 0.78 0.00	21.34 1.51 0.00	77.11 6.41 0.00	68.16 5.72 0.00	102.30 7.14 -16.60	144.81 11.96 -0.02	150.76 12.51 0.00	169.50 12.41 0.00	166.43 12.00 0.00	203.72 14.21 0.00	168.22 12.74 -7.08	162.30 12.15 -13.37	149.94 12.14 0.00	115.68 9.52 0.00	134.27 10.57 0.00	114.92 8.71 0.00
RAVENSWOOD_GT_11 24259	64.17 4.30 0.00	71.81 4.39 -1.56	78.28 4.26 0.00	65.45 3.40 0.00	75.76 3.98 0.00	63.79 3.49 0.00	58.53 3.21 0.00	9.41 0.55 0.00	11.99 0.78 0.00	21.34 1.51 0.00	77.11 6.41 0.00	68.16 5.72 0.00	102.30 7.14 -16.60	144.81 11.96 -0.02	150.76 12.51 0.00	169.50 12.41 0.00	166.43 12.00 0.00	203.72 14.21 0.00	168.22 12.74 -7.08	162.30 12.15 -13.37	149.94 12.14 0.00	115.68 9.52 0.00	134.27 10.57 0.00	114.92 8.71 0.00
RAVENSWOOD_GT_4 24252	64.49 4.29 -0.34	71.80 4.39 -1.56	78.28 4.26 0.00	65.45 3.40 0.00	75.76 3.98 0.00	63.79 3.49 0.00	58.89 3.19 -0.38	9.41 0.55 0.00	11.99 0.78 0.00	22.43 1.51 -1.10	114.91 6.37 -37.85	74.78 5.67 -6.67	105.51 7.08 -19.87	144.78 11.93 -0.02	150.71 12.45 0.00	169.47 12.38 0.00	166.37 11.94 0.00	203.69 14.17 0.00	172.53 12.65 -11.48	184.51 12.06 -35.68	153.21 12.11 -3.30	121.00 9.45 -5.40	142.42 10.53 -8.19	115.64 8.67 -0.76
RAVENSWOOD_GT_5 24254	64.49 4.29 -0.34	71.80 4.39 -1.56	78.28 4.26 0.00	65.45 3.40 0.00	75.76 3.98 0.00	63.79 3.49 0.00	58.89 3.19 -0.38	9.41 0.55 0.00	11.99 0.78 0.00	22.43 1.51 -1.10	114.91 6.37 -37.85	74.78 5.67 -6.67	105.51 7.08 -19.87	144.78 11.93 -0.02	150.71 12.45 0.00	169.47 12.38 0.00	166.37 11.94 0.00	203.69 14.17 0.00	172.53 12.65 -11.48	184.51 12.06 -35.68	153.21 12.11 -3.30	121.00 9.45 -5.40	142.42 10.53 -8.19	115.64 8.67 -0.76
RAVENSWOOD_GT_6 24253	64.49 4.29 -0.34	71.80 4.39 -1.56	78.28 4.26 0.00	65.45 3.40 0.00	75.76 3.98 0.00	63.79 3.49 0.00	58.89 3.19 -0.38	9.41 0.55 0.00	11.99 0.78 0.00	22.43 1.51 -1.10	114.91 6.37 -37.85	74.78 5.67 -6.67	105.51 7.08 -19.87	144.78 11.93 -0.02	150.71 12.45 0.00	169.47 12.38 0.00	166.37 11.94 0.00	203.69 14.17 0.00	172.53 12.65 -11.48	184.51 12.06 -35.68	153.21 12.11 -3.30	121.00 9.45 -5.40	142.42 10.53 -8.19	115.64 8.67 -0.76
RAVENSWOOD_GT_7 24255	64.49 4.29 -0.34	71.80 4.39 -1.56	78.28 4.26 0.00	65.45 3.40 0.00	75.76 3.98 0.00	63.79 3.49 0.00	58.89 3.19 -0.38	9.41 0.55 0.00	11.99 0.78 0.00	22.43 1.51 -1.10	114.91 6.37 -37.85	74.78 5.67 -6.67	105.51 7.08 -19.87	144.78 11.93 -0.02	150.71 12.45 0.00	169.47 12.38 0.00	166.37 11.94 0.00	203.69 14.17 0.00	172.53 12.65 -11.48	184.51 12.06 -35.68	153.21 12.11 -3.30	121.00 9.45 -5.40	142.42 10.53 -8.19	115.64 8.67 -0.76
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	64.17 4.30 0.00	71.81 4.39 -1.56	78.28 4.26 0.00	65.45 3.40 0.00	75.76 3.98 0.00	63.79 3.49 0.00	58.53 3.21 0.00	9.41 0.55 0.00	11.99 0.78 0.00	21.34 1.51 0.00	77.11 6.41 0.00	68.16 5.72 0.00	102.30 7.14 -16.60	144.81 11.96 -0.02	150.76 12.51 0.00	169.50 12.41 0.00	166.43 12.00 0.00	203.72 14.21 0.00	168.22 12.74 -7.08	162.30 12.15 -13.37	149.94 12.14 0.00	115.68 9.52 0.00	134.27 10.57 0.00	114.92 8.71 0.00

RAVENSWOOD_GT_9 24257	64.17 4.30 0.00	71.81 4.39 -1.56	78.28 4.26 0.00	65.45 3.40 0.00	75.76 3.98 0.00	63.79 3.49 0.00	58.53 3.21 0.00	9.41 0.55 0.00	11.99 0.78 0.00	21.34 1.51 0.00	77.11 6.41 0.00	68.16 5.72 0.00	102.30 7.14 -16.60	144.81 11.96 -0.02	150.76 12.51 0.00	169.50 12.41 0.00	166.43 12.00 0.00	203.72 14.21 0.00	168.22 12.74 -7.08	162.30 12.15 -13.37	149.94 12.14 0.00	115.68 9.52 0.00	134.27 10.57 0.00	114.92 8.71 0.00
RAVENSWOOD___1 23533	63.83 4.40 0.44	71.91 4.50 -1.56	78.40 4.38 0.00	65.54 3.49 0.00	75.83 4.05 0.00	63.86 3.56 0.00	58.13 3.30 0.49	9.42 0.57 0.00	12.01 0.80 0.00	19.97 1.56 1.42	28.47 6.72 48.95	59.79 5.98 8.62	98.37 7.43 -12.38	145.19 12.33 -0.02	151.12 12.87 0.00	169.89 12.80 0.00	166.85 12.41 0.00	204.05 14.54 0.00	162.97 13.19 -1.39	133.99 12.68 15.47	146.07 12.54 4.27	109.07 9.90 6.98	124.06 10.95 10.59	114.26 9.04 0.98
RAVENSWOOD___2 23534	64.17 4.30 0.00	71.81 4.40 -1.56	78.28 4.26 0.00	65.43 3.37 0.00	75.72 3.93 0.00	63.77 3.47 0.00	58.53 3.21 0.00	9.41 0.55 0.00	12.00 0.79 0.00	21.36 1.53 0.00	77.31 6.61 0.00	68.34 5.90 0.00	102.48 7.32 -16.60	145.04 12.19 -0.02	150.89 12.63 0.00	169.64 12.55 0.00	166.62 12.19 0.00	203.81 14.30 0.00	168.44 12.96 -7.08	162.63 12.48 -13.37	150.13 12.33 0.00	115.91 9.75 0.00	134.51 10.80 0.00	115.09 8.88 0.00
RAVENSWOOD___3 23535	64.18 4.31 0.00	71.81 4.40 -1.56	78.28 4.26 0.00	65.46 3.41 0.00	75.76 3.98 0.00	63.79 3.49 0.00	58.54 3.22 0.00	9.41 0.55 0.00	12.00 0.79 0.00	21.34 1.51 0.00	77.12 6.43 0.00	68.16 5.72 0.00	102.31 7.15 -16.60	144.86 12.00 -0.02	150.78 12.53 0.00	169.53 12.44 0.00	166.46 12.03 0.00	203.74 14.23 0.00	168.23 12.75 -7.08	162.32 12.17 -13.37	149.97 12.16 0.00	115.69 9.53 0.00	134.32 10.62 0.00	114.94 8.73 0.00
RAVENSWOOD___4 23820	63.83 4.40 0.44	71.91 4.50 -1.56	78.40 4.38 0.00	65.54 3.49 0.00	75.83 4.05 0.00	63.86 3.56 0.00	58.13 3.30 0.49	9.42 0.57 0.00	12.01 0.80 0.00	19.97 1.56 1.42	28.47 6.72 48.95	59.79 5.98 8.62	98.37 7.43 -12.38	145.19 12.33 -0.02	151.12 12.87 0.00	169.89 12.80 0.00	166.85 12.41 0.00	204.05 14.54 0.00	162.97 13.19 -1.39	133.99 12.68 15.47	146.07 12.54 4.27	109.07 9.90 6.98	124.06 10.95 10.59	114.26 9.04 0.98
RCPT_TRUST___DRP 24196	64.18 4.31 0.00	71.83 4.41 -1.56	78.35 4.33 0.00	65.51 3.46 0.00	75.81 4.03 0.00	63.84 3.54 0.00	58.57 3.25 0.00	9.42 0.56 0.00	12.00 0.80 0.00	21.35 1.53 0.00	77.16 6.47 0.00	68.23 5.79 0.00	102.38 7.23 -16.60	145.00 12.15 -0.02	150.94 12.68 0.00	169.71 12.62 0.00	166.62 12.19 0.00	203.93 14.41 0.00	168.35 12.87 -7.08	162.41 12.26 -13.37	150.06 12.25 0.00	115.79 9.63 0.00	134.40 10.69 0.00	115.01 8.80 0.00
RED___ROCHESTER 323720	58.84 -1.03 0.00	64.94 -1.11 -0.19	72.67 -1.36 0.00	60.97 -1.09 0.00	70.74 -1.04 0.00	59.62 -0.68 0.00	54.91 -0.40 0.00	8.81 -0.05 0.00	11.19 -0.01 0.00	19.76 -0.07 0.00	69.84 -0.86 0.00	61.68 -0.76 0.00	79.41 -1.17 -2.02	130.39 -2.44 0.00	136.31 -1.95 0.00	156.17 -0.92 0.00	151.77 -2.67 0.00	185.24 -4.27 0.00	144.99 -4.27 -0.86	133.49 -4.91 -1.63	132.86 -4.94 0.00	102.44 -3.72 0.00	120.01 -3.69 0.00	103.54 -2.68 0.00
REGAN___SOLAR 323812	63.73 3.86 0.00	72.05 4.11 -2.09	78.61 4.59 0.00	65.99 3.93 0.00	76.36 4.57 0.00	64.26 3.96 0.00	59.07 3.75 0.00	9.50 0.64 0.00	12.01 0.80 0.00	21.04 1.21 0.00	74.95 4.25 0.00	65.91 3.47 0.00	105.38 4.38 -22.43	140.54 7.68 -0.03	147.46 9.20 0.00	168.85 11.76 0.00	166.51 12.08 0.00	204.68 15.17 0.00	169.73 11.77 -9.57	165.56 10.71 -18.07	148.57 10.77 0.00	114.35 8.19 0.00	133.00 9.29 0.00	113.99 7.77 0.00
RENSSELAER___COGEN 23796	62.59 2.72 0.00	70.70 2.96 -1.88	77.08 3.05 0.00	64.58 2.52 0.00	74.74 2.96 0.00	62.82 2.51 0.00	57.48 2.16 0.00	9.17 0.32 0.00	11.63 0.43 0.00	20.59 0.77 0.00	73.30 2.61 0.00	64.53 2.09 0.00	101.65 2.87 -20.22	138.05 5.19 -0.03	143.41 5.15 0.00	161.89 4.80 0.00	158.60 4.17 0.00	196.02 6.50 0.00	162.66 5.64 -8.62	158.27 5.20 -16.29	142.70 4.90 0.00	110.39 4.24 0.00	128.94 5.24 0.00	110.49 4.28 0.00
REPUBLIC_115KV_BARTNBRK 55605	66.78 6.91 0.00	74.99 7.19 -1.95	82.07 8.04 0.00	68.04 5.99 0.00	79.44 7.66 0.00	66.82 6.51 0.00	61.44 6.12 0.00	9.81 0.95 0.00	12.43 1.23 0.00	21.72 1.90 0.00	77.64 6.94 0.00	68.94 6.50 0.00	108.46 8.97 -20.94	146.93 14.07 -0.03	153.92 15.67 0.00	177.43 20.33 0.00	174.93 20.50 0.00	216.22 26.70 0.00	177.81 20.48 -8.93	171.35 17.71 -16.86	155.99 18.18 0.00	120.21 14.05 0.00	139.49 15.79 0.00	118.63 12.42 0.00
REVERE_CPFR_DRP 24186	62.11 2.24 0.00	68.62 2.68 -0.08	77.01 2.99 0.00	64.56 2.50 0.00	74.79 3.01 0.00	63.05 2.74 0.00	57.98 2.67 0.00	9.32 0.46 0.00	11.82 0.61 0.00	20.91 1.09 0.00	74.47 3.78 0.00	65.68 3.24 0.00	83.22 3.86 -0.80	139.52 6.69 0.00	145.45 7.20 0.00	165.63 8.54 0.00	162.89 8.46 0.00	199.60 10.09 0.00	156.50 7.76 -0.34	144.27 6.84 -0.65	144.56 6.75 0.00	111.31 5.15 0.00	129.37 5.67 0.00	110.93 4.72 0.00
REYNOLDS_115KV_TB3 80639	62.89 3.02 0.00	71.00 3.26 -1.88	77.40 3.38 0.00	64.86 2.81 0.00	75.08 3.29 0.00	63.10 2.80 0.00	57.74 2.42 0.00	9.22 0.36 0.00	11.69 0.48 0.00	20.68 0.85 0.00	73.62 2.93 0.00	64.83 2.39 0.00	102.13 3.31 -20.26	138.77 5.91 -0.03	144.33 6.08 0.00	163.02 5.92 0.00	159.79 5.36 0.00	197.35 7.83 0.00	163.62 6.58 -8.64	159.17 6.07 -16.32	143.68 5.88 0.00	110.99 4.84 0.00	129.41 5.70 0.00	110.89 4.68 0.00
RIVERBAY____ 323610	64.36 4.49 0.00	72.02 4.61 -1.56	78.51 4.49 0.00	65.44 3.39 0.00	75.70 3.92 0.00	63.78 3.47 0.00	58.60 3.28 0.00	9.41 0.56 0.00	12.00 0.79 0.00	21.36 1.53 0.00	77.17 6.47 0.00	68.23 5.79 0.00	102.33 7.17 -16.60	144.95 12.09 -0.02	150.77 12.51 0.00	169.66 12.56 0.00	166.59 12.16 0.00	204.06 14.54 0.00	168.61 13.13 -7.08	162.85 12.70 -13.37	150.27 12.47 0.00	115.92 9.76 0.00	134.58 10.87 0.00	115.24 9.03 0.00
RIVERSDE_115KV_TB3 55908	62.80 2.93 0.00	70.91 3.17 -1.89	77.31 3.28 0.00	64.78 2.72 0.00	74.97 3.19 0.00	63.03 2.72 0.00	57.69 2.37 0.00	9.21 0.35 0.00	11.68 0.48 0.00	20.67 0.84 0.00	73.56 2.86 0.00	64.76 2.32 0.00	102.08 3.21 -20.31	138.59 5.74 -0.03	144.06 5.80 0.00	162.69 5.59 0.00	159.41 4.98 0.00	196.98 7.47 0.00	163.39 6.33 -8.66	158.97 5.83 -16.36	143.39 5.59 0.00	110.89 4.73 0.00	129.39 5.68 0.00	110.87 4.66 0.00
ROARING___BROOK_WT_PWR 323790	59.31 -0.57 0.00	65.50 -0.35 0.00	73.75 -0.28 0.00	61.84 -0.21 0.00	71.55 -0.23 0.00	60.01 -0.30 0.00	55.06 -0.26 0.00	8.81 -0.05 0.00	11.13 -0.08 0.00	19.68 -0.15 0.00	70.13 -0.56 0.00	61.93 -0.51 0.00	78.00 -0.56 0.00	132.02 -0.80 0.00	137.18 -1.07 0.00	155.99 -1.11 0.00	153.33 -1.10 0.00	188.20 -1.31 0.00	146.96 -1.44 0.00	135.40 -1.37 0.00	136.56 -1.24 0.00	105.30 -0.85 0.00	122.70 -1.00 0.00	105.47 -0.74 0.00

ROCHESRG_115KV_T4 355643	58.15 -1.72 0.00	64.22 -1.83 -0.19	71.86 -2.16 0.00	60.32 -1.73 0.00	69.97 -1.81 0.00	58.97 -1.34 0.00	54.28 -1.04 0.00	8.70 -0.15 0.00	11.06 -0.15 0.00	19.50 -0.32 0.00	68.89 -1.81 0.00	60.82 -1.62 0.00	78.31 -2.25 -2.00	128.58 -4.25 0.00	134.44 -3.81 0.00	153.97 -3.12 0.00	149.58 -4.85 0.00	182.46 -7.05 0.00	142.73 -6.52 -0.85	131.51 -6.88 -1.61	130.94 -6.86 0.00	101.03 -5.13 0.00	118.43 -5.27 0.00	102.23 -3.98 0.00
ROCHESTER_9_IC 23652	58.51 -1.37 0.00	64.60 -1.45 -0.19	72.28 -1.74 0.00	60.67 -1.38 0.00	70.38 -1.41 0.00	59.32 -0.99 0.00	54.62 -0.70 0.00	8.76 -0.10 0.00	11.13 -0.07 0.00	19.64 -0.19 0.00	69.35 -1.35 0.00	61.25 -1.19 0.00	78.86 -1.72 -2.02	129.52 -3.31 0.00	135.42 -2.83 0.00	155.11 -1.99 0.00	150.74 -3.69 0.00	183.88 -5.63 0.00	143.88 -5.39 -0.86	132.52 -5.89 -1.63	131.92 -5.88 0.00	101.75 -4.40 0.00	119.24 -4.46 0.00	102.90 -3.31 0.00
ROCKVIEW_13_KV_LD 356306	64.34 4.47 0.00	72.02 4.61 -1.56	78.66 4.64 0.00	65.76 3.71 0.00	76.14 4.36 0.00	64.09 3.79 0.00	58.81 3.49 0.00	9.45 0.60 0.00	12.05 0.84 0.00	21.41 1.58 0.00	77.23 6.54 0.00	68.23 5.79 0.00	102.43 7.27 -16.60	145.14 12.30 -0.02	151.08 12.82 0.00	170.00 12.91 0.00	166.86 12.43 0.00	204.46 14.95 0.00	168.59 13.11 -7.08	162.58 12.43 -13.37	150.25 12.45 0.00	115.90 9.75 0.00	134.51 10.80 0.00	115.14 8.93 0.00
ROME____115KV_TB2 80656	62.11 2.24 0.00	68.62 2.68 -0.08	77.01 2.99 0.00	64.56 2.50 0.00	74.79 3.01 0.00	63.05 2.74 0.00	57.98 2.67 0.00	9.32 0.46 0.00	11.82 0.61 0.00	20.91 1.09 0.00	74.47 3.78 0.00	65.68 3.24 0.00	83.22 3.86 -0.80	139.52 6.69 0.00	145.45 7.20 0.00	165.63 8.54 0.00	162.89 8.46 0.00	199.60 10.09 0.00	156.50 7.76 -0.34	144.27 6.84 -0.65	144.56 6.75 0.00	111.31 5.15 0.00	129.37 5.67 0.00	110.93 4.72 0.00
ROSETON___1 23587	63.53 3.66 0.00	71.22 3.83 -1.54	77.90 3.87 0.00	65.15 3.10 0.00	75.42 3.63 0.00	63.45 3.14 0.00	58.18 2.86 0.00	9.35 0.49 0.00	11.90 0.69 0.00	21.11 1.29 0.00	75.89 5.19 0.00	66.98 4.54 0.00	100.82 5.69 -16.57	142.53 9.68 -0.02	148.32 10.07 0.00	167.03 9.94 0.00	163.76 9.33 0.00	200.80 11.29 0.00	165.48 10.01 -7.07	159.65 9.53 -13.35	147.48 9.68 0.00	113.81 7.65 0.00	132.11 8.41 0.00	113.18 6.97 0.00
ROSETON___2 23588	63.53 3.66 0.00	71.22 3.83 -1.54	77.90 3.87 0.00	65.15 3.10 0.00	75.42 3.63 0.00	63.45 3.14 0.00	58.18 2.86 0.00	9.35 0.49 0.00	11.90 0.69 0.00	21.11 1.29 0.00	75.89 5.19 0.00	66.98 4.54 0.00	100.82 5.69 -16.57	142.53 9.68 -0.02	148.32 10.07 0.00	167.03 9.94 0.00	163.76 9.33 0.00	200.80 11.29 0.00	165.48 10.01 -7.07	159.65 9.53 -13.35	147.48 9.68 0.00	113.81 7.65 0.00	132.11 8.41 0.00	113.18 6.97 0.00
ROTRDAM_115KV_TB3 80664	62.37 2.49 0.00	70.53 2.71 -1.97	76.86 2.84 0.00	64.38 2.33 0.00	74.50 2.72 0.00	62.60 2.29 0.00	57.34 2.02 0.00	9.19 0.33 0.00	11.65 0.45 0.00	20.59 0.77 0.00	73.50 2.81 0.00	64.88 2.44 0.00	102.91 3.17 -21.18	138.30 5.45 -0.03	144.14 5.89 0.00	163.47 6.38 0.00	160.56 6.13 0.00	197.36 7.85 0.00	163.90 6.47 -9.03	159.78 5.95 -17.06	143.92 6.12 0.00	110.96 4.80 0.00	129.03 5.33 0.00	110.63 4.42 0.00
RUSSELL___1 23602	58.84 -1.03 0.00	64.93 -1.11 -0.19	72.67 -1.36 0.00	60.99 -1.07 0.00	70.75 -1.04 0.00	59.62 -0.68 0.00	54.92 -0.40 0.00	8.81 -0.04 0.00	11.20 0.00 0.00	19.76 -0.07 0.00	69.80 -0.89 0.00	61.66 -0.78 0.00	79.39 -1.19 -2.02	130.38 -2.45 0.00	136.32 -1.93 0.00	156.21 -0.88 0.00	151.79 -2.65 0.00	185.24 -4.27 0.00	144.93 -4.33 -0.86	133.47 -4.93 -1.63	132.87 -4.94 0.00	102.44 -3.72 0.00	120.00 -3.70 0.00	103.53 -2.68 0.00
RUSSELL___2 23532	58.84 -1.03 0.00	64.93 -1.11 -0.19	72.67 -1.36 0.00	60.99 -1.07 0.00	70.75 -1.04 0.00	59.62 -0.68 0.00	54.92 -0.40 0.00	8.81 -0.04 0.00	11.20 0.00 0.00	19.76 -0.07 0.00	69.80 -0.89 0.00	61.66 -0.78 0.00	79.39 -1.19 -2.02	130.38 -2.45 0.00	136.32 -1.93 0.00	156.21 -0.88 0.00	151.79 -2.65 0.00	185.24 -4.27 0.00	144.93 -4.33 -0.86	133.47 -4.93 -1.63	132.87 -4.94 0.00	102.44 -3.72 0.00	120.00 -3.70 0.00	103.53 -2.68 0.00
RUSSELL___3 23549	58.84 -1.03 0.00	64.93 -1.11 -0.19	72.67 -1.36 0.00	60.99 -1.07 0.00	70.75 -1.04 0.00	59.62 -0.68 0.00	54.92 -0.40 0.00	8.81 -0.04 0.00	11.20 0.00 0.00	19.76 -0.07 0.00	69.80 -0.89 0.00	61.66 -0.78 0.00	79.39 -1.19 -2.02	130.38 -2.45 0.00	136.32 -1.93 0.00	156.21 -0.88 0.00	151.79 -2.65 0.00	185.24 -4.27 0.00	144.93 -4.33 -0.86	133.47 -4.93 -1.63	132.87 -4.94 0.00	102.44 -3.72 0.00	120.00 -3.70 0.00	103.53 -2.68 0.00
RUSSELL___4 23556	58.84 -1.03 0.00	64.93 -1.11 -0.19	72.67 -1.36 0.00	60.99 -1.07 0.00	70.75 -1.04 0.00	59.62 -0.68 0.00	54.92 -0.40 0.00	8.81 -0.04 0.00	11.20 0.00 0.00	19.76 -0.07 0.00	69.80 -0.89 0.00	61.66 -0.78 0.00	79.39 -1.19 -2.02	130.38 -2.45 0.00	136.32 -1.93 0.00	156.21 -0.88 0.00	151.79 -2.65 0.00	185.24 -4.27 0.00	144.93 -4.33 -0.86	133.47 -4.93 -1.63	132.87 -4.94 0.00	102.44 -3.72 0.00	120.00 -3.70 0.00	103.53 -2.68 0.00
RUSSELL___STATION 23914	58.84 -1.03 0.00	64.93 -1.11 -0.19	72.67 -1.36 0.00	60.99 -1.07 0.00	70.75 -1.04 0.00	59.62 -0.68 0.00	54.92 -0.40 0.00	8.81 -0.04 0.00	11.20 0.00 0.00	19.76 -0.07 0.00	69.80 -0.89 0.00	61.66 -0.78 0.00	79.39 -1.19 -2.02	130.38 -2.45 0.00	136.32 -1.93 0.00	156.21 -0.88 0.00	151.79 -2.65 0.00	185.24 -4.27 0.00	144.93 -4.33 -0.86	133.47 -4.93 -1.63	132.87 -4.94 0.00	102.44 -3.72 0.00	120.00 -3.70 0.00	103.53 -2.68 0.00
S SALMON___HYD 24043	59.27 -0.60 0.00	65.42 -0.55 -0.11	73.32 -0.71 0.00	61.63 -0.42 0.00	71.24 -0.54 0.00	60.14 -0.16 0.00	55.26 -0.06 0.00	8.88 0.03 0.00	11.27 0.07 0.00	19.91 0.08 0.00	70.85 0.15 0.00	62.58 0.14 0.00	79.60 -0.13 -1.17	132.35 -0.47 0.00	138.16 -0.10 0.00	157.40 0.30 0.00	154.68 0.25 0.00	189.96 0.44 0.00	149.13 0.23 -0.50	137.57 -0.14 -0.94	137.52 -0.29 0.00	105.89 -0.27 0.00	123.13 -0.57 0.00	105.81 -0.40 0.00
S.PERRY__115KV_TB1 80734	60.06 0.19 0.00	66.64 0.51 -0.27	74.75 0.72 0.00	62.61 0.55 0.00	72.76 0.98 0.00	61.34 1.03 0.00	56.69 1.37 0.00	9.12 0.27 0.00	11.63 0.42 0.00	20.46 0.63 0.00	71.98 1.28 0.00	63.55 1.11 0.00	82.48 1.07 -2.86	134.84 2.01 0.00	140.62 2.36 0.00	161.48 4.39 0.00	157.16 2.73 0.00	192.19 2.68 0.00	150.82 1.20 -1.22	139.33 0.25 -2.30	138.22 0.42 0.00	105.90 -0.25 0.00	121.78 -1.92 0.00	104.43 -1.78 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	56.47 -3.40 0.00	62.60 -3.51 -0.25	70.05 -3.97 0.00	58.76 -3.29 0.00	68.34 -3.44 0.00	57.49 -2.81 0.00	52.99 -2.33 0.00	8.48 -0.37 0.00	10.79 -0.42 0.00	18.98 -0.85 0.00	66.58 -4.12 0.00	58.78 -3.66 0.00	76.48 -4.70 -2.62	124.14 -8.70 0.00	129.98 -8.27 0.00	149.91 -7.18 0.00	144.40 -10.03 0.00	175.20 -14.31 0.00	136.73 -12.79 -1.12	125.87 -13.02 -2.11	125.09 -12.71 0.00	96.74 -9.41 0.00	114.12 -9.59 0.00	99.11 -7.11 0.00

SAWYER___23_KV_LOAD 55526	56.47 -3.40 0.00	62.60 -3.51 -0.25	70.05 -3.97 0.00	58.76 -3.29 0.00	68.34 -3.44 0.00	57.49 -2.81 0.00	52.99 -2.33 0.00	8.48 -0.37 0.00	10.79 -0.42 0.00	18.98 -0.85 0.00	66.58 -4.12 0.00	58.78 -3.66 0.00	76.48 -4.70 -2.62	124.14 -8.70 0.00	129.98 -8.27 0.00	149.91 -7.18 0.00	144.40 -10.03 0.00	175.20 -14.31 0.00	136.73 -12.79 -1.12	125.87 -13.02 -2.11	125.09 -12.71 0.00	96.74 -9.41 0.00	114.12 -9.59 0.00	99.11 -7.11 0.00
SELKIRK___I 23801	62.65 2.78 0.00	70.76 3.05 -1.85	77.22 3.20 0.00	64.67 2.61 0.00	74.88 3.10 0.00	62.91 2.60 0.00	57.60 2.28 0.00	9.20 0.35 0.00	11.65 0.44 0.00	20.61 0.79 0.00	73.49 2.79 0.00	64.67 2.23 0.00	101.48 2.99 -19.93	138.25 5.39 -0.03	143.92 5.67 0.00	162.84 5.75 0.00	159.66 5.23 0.00	196.73 7.21 0.00	162.98 6.08 -8.50	158.44 5.61 -16.06	143.24 5.44 0.00	110.64 4.48 0.00	129.04 5.34 0.00	110.67 4.46 0.00
SELKIRK___II 23799	62.47 2.60 0.00	70.55 2.82 -1.87	76.95 2.93 0.00	64.46 2.41 0.00	74.62 2.84 0.00	62.70 2.40 0.00	57.39 2.07 0.00	9.17 0.32 0.00	11.64 0.43 0.00	20.60 0.77 0.00	73.44 2.74 0.00	64.68 2.24 0.00	101.70 3.01 -20.12	138.19 5.34 -0.03	143.70 5.45 0.00	162.37 5.28 0.00	159.20 4.77 0.00	196.23 6.72 0.00	162.77 5.79 -8.58	158.36 5.37 -16.21	142.98 5.18 0.00	110.49 4.33 0.00	128.84 5.14 0.00	110.45 4.24 0.00
SENECA OSWGO___HYD 24041	58.85 -1.02 0.00	64.75 -1.22 -0.12	72.38 -1.64 0.00	60.83 -1.23 0.00	70.23 -1.55 0.00	59.31 -1.00 0.00	54.47 -0.85 0.00	8.74 -0.11 0.00	11.10 -0.11 0.00	19.62 -0.21 0.00	69.80 -0.90 0.00	61.74 -0.70 0.00	78.70 -1.17 -1.31	130.45 -2.38 0.00	136.24 -2.01 0.00	154.92 -2.18 0.00	151.96 -2.48 0.00	186.35 -3.16 0.00	146.47 -2.49 -0.56	135.33 -2.51 -1.06	135.18 -2.62 0.00	104.12 -2.04 0.00	121.25 -2.46 0.00	104.13 -2.08 0.00
SENECA___115KV_TB3 355854	57.04 -2.84 0.00	63.27 -2.85 -0.26	70.86 -3.17 0.00	59.40 -2.65 0.00	69.09 -2.69 0.00	58.13 -2.17 0.00	53.60 -1.72 0.00	8.58 -0.27 0.00	10.93 -0.28 0.00	19.21 -0.62 0.00	67.50 -3.19 0.00	59.61 -2.83 0.00	77.57 -3.73 -2.74	125.80 -7.03 0.00	131.70 -6.55 0.00	151.82 -5.27 0.00	146.38 -8.05 0.00	177.71 -11.80 0.00	138.88 -10.68 -1.17	127.93 -11.05 -2.21	127.09 -10.71 0.00	98.27 -7.89 0.00	115.78 -7.92 0.00	100.38 -5.83 0.00
SENECA___ENERGY 23797	59.93 0.06 0.00	66.20 0.14 -0.20	74.14 0.11 0.00	62.15 0.10 0.00	72.16 0.37 0.00	60.90 0.60 0.00	56.11 0.79 0.00	9.04 0.18 0.00	11.50 0.29 0.00	20.28 0.45 0.00	71.74 1.04 0.00	63.40 0.96 0.00	80.62 -0.06 -2.13	132.37 -0.46 0.00	138.19 -0.06 0.00	157.57 0.47 0.00	153.98 -0.45 0.00	187.62 -1.90 0.00	147.50 -1.80 -0.91	136.45 -2.04 -1.72	135.79 -2.01 0.00	104.66 -1.50 0.00	122.20 -1.51 0.00	105.08 -1.13 0.00
SHOEMAKER___GT 23640	62.96 3.08 0.00	70.49 3.25 -1.38	77.38 3.36 0.00	64.76 2.70 0.00	74.95 3.16 0.00	63.07 2.76 0.00	57.85 2.53 0.00	9.30 0.45 0.00	11.83 0.63 0.00	20.99 1.16 0.00	75.38 4.68 0.00	66.61 4.16 0.00	98.84 5.16 -15.13	141.57 8.72 -0.02	147.35 9.09 0.00	166.13 9.04 0.00	163.01 8.58 0.00	199.90 10.38 0.00	163.88 9.03 -6.45	157.57 8.61 -12.18	146.47 8.66 0.00	112.96 6.80 0.00	131.16 7.45 0.00	112.38 6.17 0.00
SHOEMAKR_138KV_BK 111 55601	62.94 3.07 0.00	70.43 3.20 -1.37	77.36 3.34 0.00	64.73 2.68 0.00	74.92 3.13 0.00	63.03 2.72 0.00	57.83 2.51 0.00	9.29 0.44 0.00	11.83 0.62 0.00	20.99 1.16 0.00	75.37 4.68 0.00	66.61 4.17 0.00	98.73 5.15 -15.02	141.51 8.66 -0.02	147.26 9.01 0.00	166.07 8.98 0.00	162.96 8.53 0.00	199.79 10.28 0.00	163.85 9.04 -6.41	157.48 8.60 -12.10	146.41 8.60 0.00	112.93 6.77 0.00	131.13 7.42 0.00	112.34 6.13 0.00
SHOREHAM_IC_1 23715	65.96 6.09 0.00	73.82 6.41 -1.56	80.71 6.69 0.00	67.67 5.61 0.00	78.28 6.49 0.00	65.87 5.57 0.00	60.61 5.29 0.00	20.68 0.99 -10.83	99.34 1.35 -86.78	32.65 2.42 -10.41	236.05 9.42 -155.93	166.58 8.33 -95.81	116.39 10.60 -27.23	155.42 17.45 -5.14	161.52 18.58 -4.69	166.94 18.87 9.02	164.67 18.10 7.87	198.25 18.72 9.98	162.72 18.11 3.79	161.41 17.23 -7.40	157.20 17.49 -1.90	142.16 13.02 -22.98	146.30 14.60 -8.00	120.77 12.09 -2.47
SHOREHAM_IC_2 23716	65.96 6.09 0.00	73.82 6.41 -1.56	80.71 6.69 0.00	67.67 5.61 0.00	78.28 6.49 0.00	65.87 5.57 0.00	60.61 5.29 0.00	20.68 0.99 -10.83	99.34 1.35 -86.78	32.65 2.42 -10.41	236.05 9.42 -155.93	166.58 8.33 -95.81	116.39 10.60 -27.23	155.42 17.45 -5.14	161.52 18.58 -4.69	166.94 18.87 9.02	164.67 18.10 7.87	198.25 18.72 9.98	162.72 18.11 3.79	161.41 17.23 -7.40	157.20 17.49 -1.90	142.16 13.02 -22.98	146.30 14.60 -8.00	120.77 12.09 -2.47
SISSONVILLE____ 23735	58.57 -1.30 0.00	64.56 -1.30 0.00	72.96 -1.06 0.00	61.17 -0.89 0.00	70.56 -1.22 0.00	58.47 -1.84 0.00	53.06 -2.26 0.00	8.47 -0.39 0.00	10.57 -0.64 0.00	18.54 -1.28 0.00	66.61 -4.09 0.00	58.73 -3.71 0.00	74.23 -4.32 0.00	127.28 -5.55 0.00	130.85 -7.40 0.00	150.98 -6.11 0.00	149.60 -4.83 0.00	183.81 -5.70 0.00	143.05 -5.35 0.00	131.67 -5.11 0.00	132.99 -4.81 0.00	103.39 -2.77 0.00	121.45 -2.25 0.00	105.29 -0.92 0.00
SITHE_IND_GS1 24169	58.00 -1.87 0.00	63.81 -2.13 -0.09	71.48 -2.54 0.00	60.08 -1.98 0.00	69.32 -2.46 0.00	58.54 -1.77 0.00	53.73 -1.59 0.00	8.62 -0.23 0.00	10.93 -0.27 0.00	19.33 -0.50 0.00	68.72 -1.97 0.00	60.78 -1.66 0.00	77.23 -2.35 -1.03	128.47 -4.36 0.00	133.93 -4.32 0.00	152.37 -4.72 0.00	149.40 -5.03 0.00	183.09 -6.43 0.00	143.75 -5.09 -0.44	132.76 -4.85 -0.83	132.86 -4.95 0.00	102.36 -3.79 0.00	119.36 -4.34 0.00	102.55 -3.66 0.00
SITHE_IND_GS2 24170	58.00 -1.87 0.00	63.81 -2.13 -0.09	71.48 -2.54 0.00	60.08 -1.98 0.00	69.32 -2.46 0.00	58.54 -1.77 0.00	53.73 -1.59 0.00	8.62 -0.23 0.00	10.93 -0.27 0.00	19.33 -0.50 0.00	68.72 -1.97 0.00	60.78 -1.66 0.00	77.23 -2.35 -1.03	128.47 -4.36 0.00	133.93 -4.32 0.00	152.37 -4.72 0.00	149.40 -5.03 0.00	183.09 -6.43 0.00	143.75 -5.09 -0.44	132.76 -4.85 -0.83	132.86 -4.95 0.00	102.36 -3.79 0.00	119.36 -4.34 0.00	102.55 -3.66 0.00
SITHE_IND_GS3 24171	58.00 -1.87 0.00	63.81 -2.13 -0.09	71.48 -2.54 0.00	60.08 -1.98 0.00	69.32 -2.46 0.00	58.54 -1.77 0.00	53.73 -1.59 0.00	8.62 -0.23 0.00	10.93 -0.27 0.00	19.33 -0.50 0.00	68.72 -1.97 0.00	60.78 -1.66 0.00	77.23 -2.35 -1.03	128.47 -4.36 0.00	133.93 -4.32 0.00	152.37 -4.72 0.00	149.40 -5.03 0.00	183.09 -6.43 0.00	143.75 -5.09 -0.44	132.76 -4.85 -0.83	132.86 -4.95 0.00	102.36 -3.79 0.00	119.36 -4.34 0.00	102.55 -3.66 0.00
SITHE_IND_GS4 24172	58.00 -1.87 0.00	63.81 -2.13 -0.09	71.48 -2.54 0.00	60.08 -1.98 0.00	69.32 -2.46 0.00	58.54 -1.77 0.00	53.73 -1.59 0.00	8.62 -0.23 0.00	10.93 -0.27 0.00	19.33 -0.50 0.00	68.72 -1.97 0.00	60.78 -1.66 0.00	77.23 -2.35 -1.03	128.47 -4.36 0.00	133.93 -4.32 0.00	152.37 -4.72 0.00	149.40 -5.03 0.00	183.09 -6.43 0.00	143.75 -5.09 -0.44	132.76 -4.85 -0.83	132.86 -4.95 0.00	102.36 -3.79 0.00	119.36 -4.34 0.00	102.55 -3.66 0.00

SITHE___BATAVIA 24024	58.24 -1.63 0.00	64.40 -1.68 -0.22	72.07 -1.96 0.00	60.47 -1.58 0.00	70.31 -1.48 0.00	59.22 -1.08 0.00	54.63 -0.69 0.00	8.76 -0.10 0.00	11.14 -0.07 0.00	19.57 -0.26 0.00	68.81 -1.88 0.00	60.72 -1.72 0.00	78.56 -2.32 -2.32	128.34 -4.49 0.00	134.37 -3.88 0.00	154.90 -2.19 0.00	149.79 -4.64 0.00	182.50 -7.01 0.00	142.50 -6.88 -0.99	130.90 -7.76 -1.88	130.18 -7.62 0.00	100.45 -5.70 0.00	118.11 -5.59 0.00	102.27 -3.94 0.00
SITHE___INDEPEND 23800	58.01 -1.86 0.00	63.81 -2.13 -0.09	71.48 -2.54 0.00	60.08 -1.98 0.00	69.33 -2.46 0.00	58.54 -1.77 0.00	53.73 -1.59 0.00	8.62 -0.24 0.00	10.94 -0.27 0.00	19.33 -0.50 0.00	68.72 -1.97 0.00	60.78 -1.66 0.00	77.23 -2.36 -1.03	128.48 -4.35 0.00	133.95 -4.31 0.00	152.37 -4.72 0.00	149.40 -5.03 0.00	183.09 -6.43 0.00	143.74 -5.10 -0.44	132.75 -4.85 -0.83	132.85 -4.95 0.00	102.36 -3.80 0.00	119.36 -4.34 0.00	102.55 -3.66 0.00
SITHE___MASSENA 23902	58.81 -1.06 0.00	64.75 -1.10 0.00	73.15 -0.88 0.00	61.31 -0.75 0.00	70.92 -0.86 0.00	59.15 -1.16 0.00	54.21 -1.11 0.00	8.64 -0.21 0.00	10.80 -0.40 0.00	18.97 -0.86 0.00	67.72 -2.97 0.00	59.77 -2.67 0.00	75.52 -3.03 0.00	129.15 -3.68 0.00	133.03 -5.22 0.00	153.81 -3.29 0.00	152.07 -2.37 0.00	186.51 -3.00 0.00	145.20 -3.20 0.00	133.78 -3.00 0.00	135.08 -2.72 0.00	104.10 -2.06 0.00	121.77 -1.93 0.00	105.08 -1.14 0.00
SITHE___OGDNSBRG 24021	59.54 -0.33 0.00	65.59 -0.26 0.00	74.14 0.12 0.00	62.14 0.08 0.00	71.82 0.03 0.00	59.70 -0.60 0.00	54.52 -0.79 0.00	8.70 -0.15 0.00	10.85 -0.35 0.00	19.00 -0.82 0.00	67.75 -2.95 0.00	59.56 -2.88 0.00	75.38 -3.17 0.00	129.37 -3.46 0.00	133.22 -5.04 0.00	154.72 -2.37 0.00	153.57 -0.86 0.00	188.93 -0.58 0.00	146.85 -1.55 0.00	135.15 -1.63 0.00	136.36 -1.44 0.00	105.38 -0.78 0.00	123.45 -0.26 0.00	106.76 0.55 0.00
SITHE___STERLING 23777	61.63 1.76 0.00	68.09 2.14 -0.09	76.40 2.38 0.00	64.05 2.00 0.00	74.19 2.40 0.00	62.56 2.25 0.00	57.51 2.19 0.00	9.24 0.38 0.00	11.72 0.51 0.00	20.74 0.92 0.00	73.87 3.17 0.00	65.13 2.69 0.00	82.62 3.12 -0.94	138.19 5.36 0.00	144.09 5.84 0.00	164.00 6.91 0.00	161.08 6.65 0.00	197.01 7.50 0.00	154.63 5.83 -0.40	142.65 5.11 -0.76	142.78 4.98 0.00	109.99 3.83 0.00	127.99 4.29 0.00	109.76 3.55 0.00
SLEIGHT__34_KV_TB1 80719	59.05 -0.82 0.00	65.13 -0.91 -0.19	72.93 -1.09 0.00	61.18 -0.87 0.00	71.00 -0.78 0.00	59.91 -0.39 0.00	55.17 -0.14 0.00	8.86 0.00 0.00	11.26 0.06 0.00	19.88 0.06 0.00	70.42 -0.27 0.00	62.19 -0.25 0.00	79.55 -0.97 -1.97	130.81 -2.02 0.00	136.75 -1.50 0.00	156.34 -0.75 0.00	152.43 -2.00 0.00	186.33 -3.18 0.00	145.87 -3.37 -0.84	134.54 -3.82 -1.59	133.91 -3.89 0.00	103.19 -2.97 0.00	120.73 -2.97 0.00	103.96 -2.25 0.00
SOUTH CAIRO___GT 23612	64.95 5.08 0.00	73.14 5.48 -1.80	79.94 5.92 0.00	66.93 4.88 0.00	77.54 5.75 0.00	65.22 4.92 0.00	59.77 4.45 0.00	9.56 0.70 0.00	12.12 0.92 0.00	21.30 1.48 0.00	76.28 5.58 0.00	66.71 4.27 0.00	103.53 5.65 -19.32	143.26 10.41 -0.03	149.84 11.59 0.00	170.10 13.00 0.00	167.03 12.60 0.00	206.65 17.13 0.00	170.19 13.56 -8.24	164.37 12.03 -15.56	149.50 11.70 0.00	115.30 9.14 0.00	134.42 10.72 0.00	114.97 8.76 0.00
SOUTH HAMPTN___IC 23720	66.15 6.28 0.00	74.10 6.69 -1.56	81.00 6.98 0.00	68.07 6.02 0.00	78.80 7.02 0.00	66.40 6.10 0.00	61.12 5.80 0.00	20.74 1.07 -10.82	99.50 1.43 -86.86	32.85 2.61 -10.40	236.64 10.05 -155.89	167.06 8.86 -95.76	117.06 11.47 -27.03	156.78 18.99 -4.97	162.89 20.12 -4.51	168.44 20.53 9.18	165.43 19.00 8.00	198.85 19.44 10.10	163.67 19.19 3.92	162.26 18.21 -7.27	158.19 18.66 -1.72	142.28 13.44 -22.67	146.21 14.64 -7.87	120.58 11.99 -2.39
SOUTHDOW_115KV_TB1 355954	58.62 -1.25 0.00	65.13 -1.00 -0.28	73.06 -0.96 0.00	61.06 -0.99 0.00	70.92 -0.87 0.00	59.69 -0.62 0.00	55.01 -0.31 0.00	8.83 -0.03 0.00	11.29 0.08 0.00	19.93 0.10 0.00	70.24 -0.46 0.00	61.89 -0.55 0.00	80.44 -1.07 -2.95	130.38 -2.46 0.00	136.42 -1.84 0.00	156.89 -0.20 0.00	151.86 -2.58 0.00	184.57 -4.95 0.00	144.77 -4.89 -1.26	133.63 -5.52 -2.38	132.62 -5.19 0.00	102.60 -3.56 0.00	120.52 -3.18 0.00	103.47 -2.74 0.00
SOUTHOLD_69_KV_BK 2 55809	66.29 6.42 0.00	74.44 7.03 -1.56	81.30 7.28 0.00	68.68 6.62 0.00	79.53 7.75 0.00	67.18 6.87 0.00	61.91 6.60 0.00	20.86 1.18 -10.82	99.60 1.54 -86.85	33.16 2.92 -10.40	237.13 10.53 -155.90	167.26 9.06 -95.76	118.51 12.92 -27.04	159.07 21.27 -4.98	165.12 22.34 -4.53	170.76 22.84 9.17	166.17 19.73 7.99	196.69 17.27 10.09	164.52 20.03 3.91	163.29 19.24 -7.27	159.64 20.11 -1.73	142.49 13.65 -22.69	145.74 14.16 -7.87	119.92 11.32 -2.39
SOUTHOLD___IC 23719	66.29 6.42 0.00	74.43 7.02 -1.56	81.31 7.28 0.00	68.69 6.63 0.00	79.53 7.75 0.00	67.17 6.86 0.00	61.90 6.58 0.00	20.86 1.18 -10.82	99.60 1.54 -86.85	33.15 2.91 -10.40	237.12 10.53 -155.90	167.26 9.07 -95.76	118.54 12.95 -27.04	159.23 21.43 -4.98	165.34 22.56 -4.53	170.94 23.01 9.17	166.42 19.99 7.99	196.70 17.28 10.09	164.69 20.20 3.91	163.49 19.44 -7.27	159.81 20.28 -1.73	142.51 13.67 -22.69	145.72 14.15 -7.87	119.88 11.28 -2.39
SOUTH_FORK_WT_PWR 323839	65.82 5.96 0.00	74.04 6.63 -1.56	80.83 6.81 0.00	68.54 6.48 0.00	79.37 7.59 0.00	67.16 6.85 0.00	61.91 6.59 0.00	20.84 1.16 -10.82	99.55 1.49 -86.86	33.14 2.91 -10.40	237.55 10.96 -155.90	167.75 9.55 -95.76	118.69 13.10 -27.03	159.54 21.74 -4.97	165.43 22.66 -4.52	170.84 22.92 9.18	165.19 18.76 7.99	197.15 17.73 10.10	164.17 19.68 3.91	162.67 18.63 -7.27	159.31 19.78 -1.73	141.43 12.60 -22.68	143.97 12.40 -7.87	118.17 9.58 -2.39
SPIERFLS_115KV_TB 1 80737	64.11 4.24 0.00	72.32 4.52 -1.95	78.90 4.88 0.00	65.92 3.87 0.00	76.13 4.34 0.00	63.71 3.40 0.00	58.04 2.72 0.00	9.27 0.41 0.00	11.76 0.56 0.00	20.73 0.91 0.00	74.01 3.31 0.00	65.45 3.01 0.00	103.67 4.15 -20.96	139.78 6.93 -0.03	145.96 7.71 0.00	166.05 8.96 0.00	163.37 8.94 0.00	201.38 11.86 0.00	166.82 9.48 -8.94	162.10 8.44 -16.89	148.40 10.60 0.00	114.73 8.57 0.00	133.21 9.51 0.00	113.93 7.72 0.00
ST LAWRENCE____ 23600	58.33 -1.54 0.00	64.18 -1.67 0.00	72.46 -1.57 0.00	60.76 -1.30 0.00	70.29 -1.49 0.00	58.72 -1.58 0.00	53.90 -1.42 0.00	8.60 -0.26 0.00	10.80 -0.41 0.00	19.07 -0.76 0.00	67.98 -2.72 0.00	60.02 -2.42 0.00	75.73 -2.83 0.00	128.56 -4.26 0.00	133.37 -4.88 0.00	152.83 -4.26 0.00	151.02 -3.41 0.00	185.40 -4.12 0.00	144.35 -4.05 0.00	133.01 -3.76 0.00	134.28 -3.52 0.00	103.33 -2.83 0.00	120.67 -3.03 0.00	104.00 -2.21 0.00
STATE_CA_115KV_115_LB 55624	62.86 2.99 0.00	71.00 3.24 -1.90	77.39 3.36 0.00	64.83 2.77 0.00	75.06 3.28 0.00	63.10 2.79 0.00	57.76 2.44 0.00	9.23 0.37 0.00	11.70 0.49 0.00	20.71 0.89 0.00	73.72 3.03 0.00	64.92 2.47 0.00	102.39 3.38 -20.45	138.85 5.99 -0.03	144.30 6.05 0.00	162.95 5.85 0.00	159.67 5.24 0.00	197.36 7.85 0.00	163.75 6.63 -8.72	159.34 6.09 -16.47	143.63 5.83 0.00	111.09 4.93 0.00	129.73 6.02 0.00	111.13 4.92 0.00

STATE_ST_34_KV_LOAD 55959	60.91 1.03 0.00	67.17 1.11 -0.20	75.24 1.22 0.00	63.07 1.02 0.00	73.36 1.58 0.00	61.95 1.65 0.00	57.01 1.69 0.00	9.17 0.31 0.00	11.66 0.45 0.00	20.59 0.76 0.00	73.01 2.31 0.00	64.41 1.97 0.00	81.49 0.83 -2.10	133.80 0.97 0.00	139.81 1.55 0.00	159.31 2.21 0.00	156.00 1.57 0.00	190.98 1.47 0.00	149.82 0.52 -0.90	138.65 0.18 -1.69	137.89 0.09 0.00	106.19 0.03 0.00	124.14 0.43 0.00	106.71 0.50 0.00
STATION 5_MISC_HYD 23604	58.50 -1.37 0.00	64.60 -1.45 -0.19	72.28 -1.74 0.00	60.66 -1.39 0.00	70.38 -1.41 0.00	59.32 -0.99 0.00	54.62 -0.70 0.00	8.76 -0.10 0.00	11.13 -0.08 0.00	19.64 -0.19 0.00	69.41 -1.29 0.00	61.28 -1.17 0.00	78.90 -1.68 -2.02	129.52 -3.31 0.00	135.37 -2.88 0.00	155.09 -2.01 0.00	150.70 -3.73 0.00	183.88 -5.63 0.00	143.91 -5.35 -0.86	132.53 -5.88 -1.63	131.92 -5.88 0.00	101.75 -4.41 0.00	119.27 -4.43 0.00	102.90 -3.31 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	59.61 -0.27 0.00	65.80 -0.25 -0.19	73.68 -0.34 0.00	61.79 -0.26 0.00	71.70 -0.08 0.00	60.48 0.18 0.00	55.72 0.40 0.00	8.96 0.10 0.00	11.39 0.18 0.00	20.10 0.27 0.00	71.06 0.37 0.00	62.82 0.38 0.00	80.42 -0.15 -2.02	132.26 -0.57 0.00	138.20 -0.05 0.00	158.00 0.91 0.00	153.95 -0.48 0.00	187.80 -1.72 0.00	147.21 -2.05 -0.86	135.80 -2.60 -1.63	135.26 -2.55 0.00	104.20 -1.95 0.00	121.81 -1.89 0.00	104.89 -1.32 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	58.27 -1.60 0.00	64.33 -1.72 -0.19	71.99 -2.03 0.00	60.44 -1.62 0.00	70.09 -1.69 0.00	59.08 -1.23 0.00	54.40 -0.92 0.00	8.73 -0.13 0.00	11.09 -0.12 0.00	19.56 -0.26 0.00	69.13 -1.57 0.00	61.07 -1.37 0.00	78.59 -1.97 -2.00	129.10 -3.73 0.00	134.97 -3.28 0.00	154.53 -2.56 0.00	150.27 -4.16 0.00	183.36 -6.15 0.00	143.49 -5.77 -0.85	132.21 -6.18 -1.61	131.61 -6.19 0.00	101.48 -4.68 0.00	118.86 -4.84 0.00	102.55 -3.66 0.00
STA_56___34_KV_BUS2 355883	58.27 -1.60 0.00	64.33 -1.72 -0.19	71.99 -2.03 0.00	60.44 -1.62 0.00	70.09 -1.69 0.00	59.08 -1.23 0.00	54.40 -0.92 0.00	8.73 -0.13 0.00	11.09 -0.12 0.00	19.56 -0.26 0.00	69.13 -1.57 0.00	61.07 -1.37 0.00	78.59 -1.97 -2.00	129.10 -3.73 0.00	134.97 -3.28 0.00	154.53 -2.56 0.00	150.27 -4.16 0.00	183.36 -6.15 0.00	143.49 -5.77 -0.85	132.21 -6.18 -1.61	131.61 -6.19 0.00	101.48 -4.68 0.00	118.86 -4.84 0.00	102.55 -3.66 0.00
STA_67___115KV_BK2 355882	58.37 -1.50 0.00	64.45 -1.60 -0.19	72.11 -1.91 0.00	60.54 -1.52 0.00	70.23 -1.56 0.00	59.18 -1.13 0.00	54.48 -0.84 0.00	8.74 -0.11 0.00	11.11 -0.10 0.00	19.58 -0.24 0.00	69.17 -1.52 0.00	61.09 -1.35 0.00	78.65 -1.92 -2.02	129.15 -3.68 0.00	135.04 -3.21 0.00	154.66 -2.43 0.00	150.30 -4.13 0.00	183.32 -6.20 0.00	143.43 -5.83 -0.86	132.15 -6.25 -1.62	131.59 -6.21 0.00	101.46 -4.70 0.00	118.93 -4.78 0.00	102.64 -3.57 0.00
STA_7___115KV_9TRANS 80674	58.84 -1.03 0.00	64.93 -1.11 -0.19	72.67 -1.36 0.00	60.99 -1.07 0.00	70.75 -1.04 0.00	59.62 -0.68 0.00	54.92 -0.40 0.00	8.81 -0.04 0.00	11.20 0.00 0.00	19.76 -0.07 0.00	69.80 -0.89 0.00	61.66 -0.78 0.00	79.39 -1.19 -2.02	130.38 -2.45 0.00	136.32 -1.93 0.00	156.21 -0.88 0.00	151.79 -2.65 0.00	185.24 -4.27 0.00	144.93 -4.33 -0.86	133.47 -4.93 -1.63	132.87 -4.94 0.00	102.44 -3.72 0.00	120.00 -3.70 0.00	103.53 -2.68 0.00
STA_82___115KV_TB1 80780	58.39 -1.49 0.00	64.47 -1.58 -0.19	72.14 -1.88 0.00	60.57 -1.49 0.00	70.25 -1.53 0.00	59.21 -1.09 0.00	54.54 -0.78 0.00	8.74 -0.11 0.00	11.11 -0.10 0.00	19.60 -0.23 0.00	69.20 -1.49 0.00	61.13 -1.31 0.00	78.69 -1.89 -2.03	129.20 -3.63 0.00	135.06 -3.19 0.00	154.74 -2.35 0.00	150.35 -4.08 0.00	183.48 -6.04 0.00	143.50 -5.77 -0.87	132.22 -6.20 -1.63	131.60 -6.20 0.00	101.49 -4.66 0.00	118.95 -4.75 0.00	102.67 -3.54 0.00
STEEL___WIND 323596	56.93 -2.94 0.00	63.16 -2.96 -0.26	70.77 -3.25 0.00	59.32 -2.74 0.00	68.98 -2.80 0.00	58.04 -2.26 0.00	53.54 -1.78 0.00	8.57 -0.28 0.00	10.91 -0.30 0.00	19.19 -0.64 0.00	67.47 -3.23 0.00	59.56 -2.89 0.00	77.53 -3.77 -2.74	125.57 -7.26 0.00	131.52 -6.73 0.00	151.60 -5.49 0.00	146.20 -8.23 0.00	177.45 -12.07 0.00	138.77 -10.80 -1.17	127.76 -11.22 -2.21	126.88 -10.92 0.00	98.14 -8.01 0.00	115.67 -8.04 0.00	100.22 -5.99 0.00
STEPHTWN_115KV_BK_2 55603	63.36 3.48 0.00	71.52 3.78 -1.88	77.85 3.82 0.00	65.17 3.12 0.00	75.45 3.67 0.00	63.45 3.15 0.00	58.15 2.83 0.00	9.29 0.44 0.00	11.79 0.58 0.00	20.88 1.05 0.00	74.43 3.73 0.00	65.51 3.07 0.00	102.94 4.16 -20.22	140.47 7.61 -0.03	145.73 7.48 0.00	164.60 7.51 0.00	161.57 7.14 0.00	199.48 9.97 0.00	165.35 8.32 -8.62	160.67 7.60 -16.29	145.16 7.36 0.00	112.22 6.06 0.00	130.94 7.24 0.00	111.89 5.68 0.00
STEUBEN_REC_LFGE 323667	58.34 -1.53 0.00	65.20 -1.00 -0.34	73.33 -0.69 0.00	61.37 -0.69 0.00	71.55 -0.24 0.00	60.31 0.01 0.00	55.80 0.48 0.00	9.00 0.14 0.00	11.48 0.27 0.00	20.17 0.34 0.00	71.00 0.30 0.00	62.62 0.18 0.00	82.06 -0.10 -3.60	132.97 0.13 0.00	138.00 -0.25 0.00	158.94 1.85 0.00	154.32 -0.11 0.00	187.62 -1.90 0.00	147.98 -1.96 -1.53	137.50 -2.18 -2.90	136.02 -1.78 0.00	104.85 -1.31 0.00	122.52 -1.18 0.00	105.87 -0.34 0.00
STILLWATER___SOLAR 323814	63.81 3.93 0.00	72.04 4.24 -1.94	78.54 4.52 0.00	65.73 3.67 0.00	76.04 4.26 0.00	63.85 3.55 0.00	58.46 3.14 0.00	9.36 0.50 0.00	11.87 0.66 0.00	20.95 1.12 0.00	74.68 3.98 0.00	65.92 3.49 0.00	104.08 4.67 -20.85	140.92 8.06 -0.03	146.88 8.63 0.00	166.78 9.68 0.00	163.94 9.51 0.00	201.83 12.32 0.00	167.20 9.91 -8.89	162.53 8.96 -16.80	147.31 9.51 0.00	113.63 7.47 0.00	132.01 8.31 0.00	113.04 6.83 0.00
STONY___BROOK 24151	65.72 5.85 0.00	73.52 6.11 -1.56	80.38 6.36 0.00	67.31 5.25 0.00	77.83 6.05 0.00	65.46 5.15 0.00	60.17 4.86 0.00	20.62 0.92 -10.84	99.10 1.28 -86.62	32.50 2.26 -10.41	235.53 8.89 -155.94	166.21 7.90 -95.87	116.09 9.94 -27.60	155.02 16.72 -5.47	160.85 17.59 -5.01	165.97 17.61 8.73	164.02 17.21 7.62	197.03 17.28 9.77	161.64 16.78 3.54	160.79 16.36 -7.66	156.72 16.68 -2.24	142.42 12.71 -23.55	146.19 14.23 -8.26	120.74 11.90 -2.63
STURGEON_POOL_HYD 23609	63.84 3.97 0.00	71.59 4.16 -1.58	78.28 4.26 0.00	65.45 3.40 0.00	75.80 4.02 0.00	63.76 3.46 0.00	58.48 3.16 0.00	9.40 0.55 0.00	11.98 0.78 0.00	21.28 1.45 0.00	76.51 5.81 0.00	67.55 5.11 0.00	101.95 6.41 -16.98	143.76 10.91 -0.03	149.74 11.49 0.00	168.78 11.69 0.00	165.61 11.18 0.00	203.00 13.48 0.00	167.32 11.68 -7.24	161.47 11.01 -13.68	148.91 11.11 0.00	114.78 8.62 0.00	133.11 9.40 0.00	113.96 7.75 0.00
ST_LAW_115_BK7_LBMP 345037	58.26 -1.61 0.00	64.11 -1.74 0.00	72.39 -1.64 0.00	60.71 -1.35 0.00	70.23 -1.56 0.00	58.62 -1.68 0.00	53.82 -1.49 0.00	8.58 -0.27 0.00	10.76 -0.44 0.00	19.01 -0.82 0.00	67.75 -2.95 0.00	59.79 -2.65 0.00	75.51 -3.04 0.00	128.30 -4.53 0.00	132.96 -5.29 0.00	152.57 -4.53 0.00	150.79 -3.65 0.00	185.05 -4.47 0.00	144.06 -4.34 0.00	132.76 -4.01 0.00	134.05 -3.75 0.00	103.15 -3.01 0.00	120.51 -3.19 0.00	103.88 -2.33 0.00

ST_LAW_115_BK8_LBMP 345038	58.26 -1.61 0.00	64.11 -1.74 0.00	72.39 -1.64 0.00	60.71 -1.35 0.00	70.23 -1.56 0.00	58.62 -1.68 0.00	53.82 -1.49 0.00	8.58 -0.27 0.00	10.76 -0.44 0.00	19.01 -0.82 0.00	67.75 -2.95 0.00	59.79 -2.65 0.00	75.51 -3.04 0.00	128.30 -4.53 0.00	132.96 -5.29 0.00	152.57 -4.53 0.00	150.79 -3.65 0.00	185.05 -4.47 0.00	144.06 -4.34 0.00	132.76 -4.01 0.00	134.05 -3.75 0.00	103.15 -3.01 0.00	120.51 -3.19 0.00	103.88 -2.33 0.00
ST_LAW_230_BK5_LBMP 345035	58.33 -1.54 0.00	64.18 -1.67 0.00	72.46 -1.57 0.00	60.76 -1.30 0.00	70.29 -1.49 0.00	58.72 -1.58 0.00	53.90 -1.42 0.00	8.60 -0.26 0.00	10.80 -0.41 0.00	19.07 -0.76 0.00	67.98 -2.72 0.00	60.02 -2.42 0.00	75.73 -2.83 0.00	128.56 -4.26 0.00	133.37 -4.88 0.00	152.83 -4.26 0.00	151.02 -3.41 0.00	185.40 -4.12 0.00	144.35 -4.05 0.00	133.01 -3.76 0.00	134.28 -3.52 0.00	103.33 -2.83 0.00	120.67 -3.03 0.00	104.00 -2.21 0.00
ST_LAW_230_BK6_LBMP 345036	58.33 -1.54 0.00	64.18 -1.67 0.00	72.46 -1.57 0.00	60.76 -1.30 0.00	70.29 -1.49 0.00	58.72 -1.58 0.00	53.90 -1.42 0.00	8.60 -0.26 0.00	10.80 -0.41 0.00	19.07 -0.76 0.00	67.98 -2.72 0.00	60.02 -2.42 0.00	75.73 -2.83 0.00	128.56 -4.26 0.00	133.37 -4.88 0.00	152.83 -4.26 0.00	151.02 -3.41 0.00	185.40 -4.12 0.00	144.35 -4.05 0.00	133.01 -3.76 0.00	134.28 -3.52 0.00	103.33 -2.83 0.00	120.67 -3.03 0.00	104.00 -2.21 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	63.19 3.32 0.00	70.73 3.46 -1.41	77.68 3.66 0.00	64.98 2.93 0.00	75.21 3.42 0.00	63.29 2.98 0.00	58.06 2.74 0.00	9.33 0.47 0.00	11.88 0.67 0.00	21.08 1.26 0.00	75.90 5.20 0.00	67.05 4.61 0.00	99.73 5.71 -15.46	142.48 9.63 -0.02	148.30 10.05 0.00	167.08 9.98 0.00	163.94 9.51 0.00	201.10 11.59 0.00	165.16 10.17 -6.59	158.89 9.66 -12.45	147.43 9.63 0.00	113.69 7.53 0.00	132.00 8.30 0.00	113.07 6.86 0.00
SWANROAD_115KV_TB1 355699	55.34 -4.54 0.00	61.29 -4.81 -0.24	68.67 -5.35 0.00	57.63 -4.42 0.00	67.01 -4.78 0.00	56.37 -3.94 0.00	51.95 -3.37 0.00	8.30 -0.55 0.00	10.57 -0.64 0.00	18.46 -1.37 0.00	64.69 -6.01 0.00	57.14 -5.30 0.00	74.29 -6.80 -2.53	120.57 -12.26 0.00	126.22 -12.03 0.00	146.08 -11.01 0.00	140.22 -14.21 0.00	170.06 -19.46 0.00	132.56 -16.92 -1.08	121.90 -16.92 -2.04	121.30 -16.50 0.00	93.91 -12.25 0.00	110.90 -12.80 0.00	96.44 -9.77 0.00
SYNERGY___BIOGAS 323694	58.24 -1.63 0.00	64.40 -1.68 -0.22	72.07 -1.96 0.00	60.47 -1.58 0.00	70.31 -1.48 0.00	59.22 -1.08 0.00	54.63 -0.69 0.00	8.76 -0.10 0.00	11.14 -0.07 0.00	19.57 -0.26 0.00	68.81 -1.88 0.00	60.72 -1.72 0.00	78.56 -2.32 0.00	128.34 -4.49 0.00	134.37 -3.88 0.00	154.90 -2.19 0.00	149.79 -4.64 0.00	182.50 -7.01 0.00	142.50 -6.88 -0.99	130.90 -7.76 -1.88	130.18 -7.62 0.00	100.45 -5.70 0.00	118.11 -5.59 0.00	102.27 -3.94 0.00
SYRACUSE___ENERGY_ST1 323597	60.34 0.47 0.00	66.51 0.49 -0.16	74.48 0.45 0.00	62.49 0.43 0.00	72.36 0.58 0.00	61.10 0.79 0.00	56.16 0.84 0.00	9.02 0.17 0.00	11.46 0.25 0.00	20.27 0.44 0.00	72.01 1.31 0.00	63.55 1.12 0.00	80.26 0.02 -1.68	132.46 -0.36 0.00	138.24 -0.02 0.00	157.25 0.16 0.00	154.14 -0.30 0.00	188.86 -0.65 0.00	148.48 -0.63 -0.72	137.36 -0.77 -1.36	136.90 -0.90 0.00	105.48 -0.68 0.00	122.97 -0.73 0.00	105.63 -0.58 0.00
SYRACUSE___ENERGY_ST2 323598	60.34 0.47 0.00	66.51 0.49 -0.16	74.48 0.45 0.00	62.49 0.43 0.00	72.36 0.58 0.00	61.10 0.79 0.00	56.16 0.84 0.00	9.02 0.17 0.00	11.46 0.25 0.00	20.27 0.44 0.00	72.01 1.31 0.00	63.55 1.12 0.00	80.26 0.02 -1.68	132.46 -0.36 0.00	138.24 -0.02 0.00	157.25 0.16 0.00	154.14 -0.30 0.00	188.86 -0.65 0.00	148.48 -0.63 -0.72	137.36 -0.77 -1.36	136.90 -0.90 0.00	105.48 -0.68 0.00	122.97 -0.73 0.00	105.63 -0.58 0.00
SYRACUSE___POWER 24017	59.96 0.09 0.00	66.10 0.07 -0.17	73.97 -0.06 0.00	62.09 0.03 0.00	71.79 0.01 0.00	60.58 0.28 0.00	55.68 0.36 0.00	8.94 0.09 0.00	11.36 0.15 0.00	20.09 0.26 0.00	71.44 0.74 0.00	63.08 0.64 0.00	80.41 0.09 -1.75	132.64 -0.19 0.00	138.40 0.14 0.00	157.44 0.34 0.00	154.31 -0.12 0.00	189.09 -0.43 0.00	148.79 -0.35 -0.75	137.69 -0.50 -1.41	137.16 -0.64 0.00	105.68 -0.48 0.00	123.12 -0.58 0.00	105.74 -0.48 0.00
TALLMAN___138KV_BK151 55660	63.25 3.38 0.00	70.82 3.53 -1.44	77.87 3.85 0.00	65.10 3.05 0.00	75.34 3.56 0.00	63.41 3.11 0.00	58.18 2.87 0.00	9.35 0.49 0.00	11.91 0.70 0.00	21.15 1.32 0.00	76.30 5.60 0.00	67.45 5.01 0.00	100.62 6.20 -15.86	143.18 10.33 -0.02	149.01 10.76 0.00	167.68 10.59 0.00	164.63 10.20 0.00	201.97 12.46 0.00	166.11 10.95 -6.76	160.04 10.49 -12.77	148.14 10.34 0.00	114.28 8.12 0.00	132.64 8.94 0.00	113.62 7.41 0.00
TEALLAVE_115KV_TB7 355573	59.50 -0.38 0.00	65.55 -0.45 -0.14	73.39 -0.64 0.00	61.61 -0.44 0.00	71.23 -0.56 0.00	60.10 -0.20 0.00	55.22 -0.09 0.00	8.87 0.01 0.00	11.26 0.05 0.00	19.91 0.08 0.00	70.80 0.10 0.00	62.52 0.08 0.00	79.55 -0.47 -1.46	131.70 -1.13 0.00	137.42 -0.84 0.00	156.30 -0.80 0.00	153.18 -1.25 0.00	187.68 -1.83 0.00	147.53 -1.50 -0.62	136.38 -1.57 -1.18	136.10 -1.70 0.00	104.88 -1.28 0.00	122.23 -1.48 0.00	104.96 -1.25 0.00
TELGRAPH_34_KV_EAST 80808	56.75 -3.12 0.00	62.81 -3.28 -0.23	70.32 -3.70 0.00	59.00 -3.06 0.00	68.62 -3.16 0.00	57.75 -2.55 0.00	53.26 -2.06 0.00	8.52 -0.33 0.00	10.85 -0.36 0.00	19.02 -0.80 0.00	66.80 -3.89 0.00	58.97 -3.46 0.00	76.45 -4.51 -2.41	124.56 -8.27 0.00	130.38 -7.87 0.00	150.46 -6.63 0.00	144.95 -9.48 0.00	176.09 -13.42 0.00	137.32 -12.11 -1.03	126.24 -12.49 -1.95	125.62 -12.18 -0.01	97.11 -9.05 0.00	114.42 -9.29 0.00	99.29 -6.92 0.00
TEMPLE___115KV_TB 2 55572	59.52 -0.35 0.00	65.58 -0.42 -0.15	73.41 -0.61 0.00	61.64 -0.41 0.00	71.25 -0.53 0.00	60.14 -0.16 0.00	55.24 -0.07 0.00	8.87 0.02 0.00	11.26 0.06 0.00	19.92 0.09 0.00	70.84 0.14 0.00	62.56 0.12 0.00	79.62 -0.42 -1.48	131.79 -1.04 0.00	137.48 -0.77 0.00	156.37 -0.72 0.00	153.25 -1.18 0.00	187.76 -1.75 0.00	147.59 -1.44 -0.63	136.49 -1.48 -1.19	136.19 -1.61 0.00	104.94 -1.22 0.00	122.28 -1.43 0.00	105.01 -1.20 0.00
TIANA____69_KV_BK 1 55817	66.14 6.27 0.00	74.06 6.65 -1.56	80.94 6.92 0.00	67.96 5.91 0.00	78.63 6.85 0.00	66.22 5.92 0.00	60.96 5.64 0.00	20.72 1.05 -10.82	99.47 1.41 -86.85	32.80 2.56 -10.40	236.42 9.82 -155.89	166.88 8.68 -95.76	116.76 11.16 -27.03	156.17 18.37 -4.98	162.20 19.42 -4.52	167.84 19.92 9.17	165.13 18.69 7.99	198.87 19.45 10.10	163.30 18.81 3.91	161.95 17.90 -7.27	157.77 18.23 -1.73	142.31 13.47 -22.69	146.40 14.82 -7.87	120.86 12.26 -2.39
TILDEN___115KV_TB1 80814	59.96 0.09 0.00	66.10 0.07 -0.17	73.97 -0.06 0.00	62.09 0.03 0.00	71.79 0.01 0.00	60.58 0.28 0.00	55.68 0.36 0.00	8.94 0.09 0.00	11.36 0.15 0.00	20.09 0.26 0.00	71.44 0.74 0.00	63.08 0.64 0.00	80.41 0.09 -1.75	132.64 -0.19 0.00	138.40 0.14 0.00	157.44 0.34 0.00	154.31 -0.12 0.00	189.09 -0.43 0.00	148.79 -0.35 -0.75	137.69 -0.50 -1.41	137.16 -0.64 0.00	105.68 -0.48 0.00	123.12 -0.58 0.00	105.74 -0.48 0.00

TRIGEN___CC 323695	64.81 4.93 -0.01	72.54 5.11 -1.57	79.25 5.22 0.00	66.28 4.22 0.00	76.70 4.91 0.00	64.52 4.21 0.00	59.28 3.94 -0.01	22.60 0.74 -13.00	59.03 1.03 -46.79	32.32 1.85 -10.63	241.71 7.54 -163.46	186.93 6.69 -117.80	213.19 8.34 -126.29	239.63 14.06 -92.74	242.56 14.75 -89.56	240.08 14.86 -68.12	226.85 14.49 -57.92	253.42 16.29 -47.61	225.50 15.02 -62.08	227.40 14.19 -76.44	244.20 14.28 -92.12	292.57 11.15 -175.27	213.00 12.28 -77.02	161.71 10.54 -44.96
TRINITY___115KV___4 BK 55933	62.68 2.81 0.00	70.78 3.04 -1.88	77.16 3.14 0.00	64.65 2.60 0.00	74.84 3.05 0.00	62.91 2.61 0.00	57.58 2.26 0.00	9.19 0.34 0.00	11.66 0.45 0.00	20.63 0.80 0.00	73.41 2.71 0.00	64.63 2.19 0.00	101.84 3.02 -20.27	138.31 5.46 -0.03	143.70 5.45 0.00	162.23 5.14 0.00	158.94 4.51 0.00	196.48 6.96 0.00	162.98 5.94 -8.64	158.58 5.47 -16.33	143.00 5.20 0.00	110.61 4.46 0.00	129.18 5.48 0.00	110.68 4.46 0.00
UNION___PROCESSING_DRP 323587	58.41 -1.46 0.00	64.50 -1.55 -0.19	72.16 -1.86 0.00	60.58 -1.48 0.00	70.26 -1.52 0.00	59.23 -1.07 0.00	54.54 -0.78 0.00	8.75 -0.11 0.00	11.12 -0.09 0.00	19.60 -0.22 0.00	69.23 -1.47 0.00	61.13 -1.31 0.00	78.72 -1.87 -2.03	129.26 -3.57 0.00	135.15 -3.11 0.00	154.79 -2.30 0.00	150.45 -3.98 0.00	183.51 -6.01 0.00	143.57 -5.70 -0.87	132.25 -6.16 -1.64	131.65 -6.15 0.00	101.54 -4.62 0.00	118.99 -4.71 0.00	102.69 -3.52 0.00
UPPER HUDSON___HYD 24058	64.12 4.25 0.00	72.32 4.51 -1.95	78.90 4.88 0.00	65.92 3.87 0.00	76.13 4.35 0.00	63.70 3.40 0.00	58.04 2.72 0.00	9.27 0.41 0.00	11.76 0.55 0.00	20.73 0.91 0.00	74.01 3.31 0.00	65.45 3.01 0.00	103.67 4.15 -20.96	139.78 6.92 -0.03	145.96 7.70 0.00	166.06 8.97 0.00	163.37 8.94 0.00	201.38 11.87 0.00	166.82 9.48 -8.94	162.10 8.44 -16.89	148.41 10.61 0.00	114.73 8.57 0.00	133.21 9.51 0.00	113.93 7.72 0.00
UPPER RAQUET___HYD 24056	58.57 -1.30 0.00	64.55 -1.30 0.00	72.96 -1.06 0.00	61.16 -0.89 0.00	70.56 -1.22 0.00	58.47 -1.84 0.00	53.06 -2.26 0.00	8.47 -0.39 0.00	10.57 -0.64 0.00	18.54 -1.28 0.00	66.60 -4.09 0.00	58.72 -3.71 0.00	74.23 -4.33 0.00	127.27 -5.55 0.00	130.85 -7.41 0.00	150.98 -6.12 0.00	149.61 -4.83 0.00	183.81 -5.70 0.00	143.04 -5.36 0.00	131.67 -5.11 0.00	132.99 -4.82 0.00	103.39 -2.77 0.00	121.45 -2.25 0.00	105.29 -0.92 0.00
VALLEY44_115KV_TB2 355964	58.23 -1.64 0.00	64.60 -1.55 -0.29	72.32 -1.70 0.00	60.49 -1.56 0.00	70.40 -1.39 0.00	59.27 -1.03 0.00	54.45 -0.86 0.00	8.73 -0.13 0.00	11.10 -0.11 0.00	19.60 -0.23 0.00	69.31 -1.39 0.00	60.87 -1.57 0.00	78.99 -2.65 -3.08	127.81 -5.03 0.00	133.68 -4.57 0.00	152.61 -4.49 0.00	148.44 -5.99 0.00	179.73 -9.78 0.00	141.49 -8.22 -1.31	131.11 -8.15 -2.48	130.23 -7.57 0.00	101.16 -4.99 0.00	119.27 -4.43 0.00	103.24 -2.97 0.00
VALLEY___115KV_TB 1-4 80826	61.45 1.58 0.00	67.39 1.54 0.00	75.61 1.58 0.00	63.50 1.44 0.00	73.68 1.89 0.00	62.04 1.74 0.00	57.08 1.76 0.00	9.16 0.30 0.00	11.63 0.42 0.00	20.53 0.70 0.00	73.34 2.64 0.00	64.64 2.20 0.00	81.40 2.84 0.00	137.69 4.86 0.00	143.80 5.54 0.00	162.93 5.84 0.00	159.91 5.48 0.00	196.68 7.17 0.00	154.78 6.38 0.00	142.51 5.74 0.00	142.89 5.08 0.00	109.99 3.84 0.00	128.28 4.58 0.00	109.57 3.36 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	63.71 3.84 0.00	70.79 4.26 -0.67	78.74 4.72 0.00	65.94 3.88 0.00	76.40 4.61 0.00	64.28 3.97 0.00	59.12 3.81 0.00	9.52 0.67 0.00	12.15 0.94 0.00	21.51 1.68 0.00	76.81 6.12 0.00	67.86 5.42 0.00	92.23 6.51 -7.17	143.82 10.98 -0.01	149.80 11.55 0.00	170.24 13.14 0.00	167.24 12.81 0.00	204.70 15.19 0.00	163.84 12.38 -3.05	154.04 11.49 -5.77	149.10 11.30 0.00	114.82 8.66 0.00	133.33 9.63 0.00	114.16 7.95 0.00
VISCHER___FERRY HYD 24020	63.23 3.36 0.00	71.39 3.62 -1.91	77.81 3.79 0.00	65.21 3.15 0.00	75.46 3.68 0.00	63.41 3.11 0.00	58.08 2.76 0.00	9.29 0.43 0.00	11.79 0.57 0.00	20.81 0.98 0.00	74.07 3.38 0.00	65.30 2.86 0.00	103.01 3.92 -20.53	139.75 6.90 -0.03	145.58 7.32 0.00	164.82 7.72 0.00	161.71 7.28 0.00	199.47 9.96 0.00	165.32 8.17 -8.75	160.72 7.40 -16.53	145.29 7.49 0.00	112.08 5.92 0.00	130.35 6.65 0.00	111.69 5.47 0.00
V_A_10_SYNC_DSASP 323832	56.89 -2.98 0.00	62.94 -3.13 -0.22	70.43 -3.59 0.00	59.09 -2.97 0.00	68.69 -3.10 0.00	57.82 -2.49 0.00	53.23 -2.09 0.00	8.52 -0.34 0.00	10.82 -0.38 0.00	19.06 -0.76 0.00	67.13 -3.57 0.00	59.21 -3.23 0.00	76.62 -4.20 -2.27	124.95 -7.88 0.00	130.74 -7.51 0.00	150.15 -6.94 0.00	145.03 -9.40 0.00	176.16 -13.35 0.00	137.66 -11.71 -0.97	126.74 -11.86 -1.83	126.10 -11.70 0.00	97.52 -8.64 0.00	114.85 -8.85 0.00	99.57 -6.64 0.00
V_CMM_10_SYNC_DSASP 323787	58.57 -1.30 0.00	64.35 -1.50 0.00	72.65 -1.37 0.00	60.91 -1.14 0.00	70.48 -1.30 0.00	58.85 -1.45 0.00	54.01 -1.31 0.00	8.62 -0.24 0.00	10.81 -0.40 0.00	19.08 -0.74 0.00	67.99 -2.71 0.00	60.04 -2.40 0.00	75.80 -2.76 0.00	128.80 -4.03 0.00	133.49 -4.76 0.00	153.13 -3.96 0.00	151.38 -3.06 0.00	185.63 -3.89 0.00	144.28 -4.12 0.00	132.93 -3.85 0.00	134.22 -3.58 0.00	103.29 -2.87 0.00	120.67 -3.03 0.00	104.01 -2.20 0.00
V_CMP_10_SYNC_DSASP 323788	58.86 -1.01 0.00	64.91 -0.95 0.00	73.50 -0.52 0.00	61.53 -0.52 0.00	71.18 -0.61 0.00	59.11 -1.20 0.00	54.31 -1.01 0.00	8.69 -0.16 0.00	10.84 -0.37 0.00	19.13 -0.70 0.00	68.54 -2.16 0.00	60.67 -1.77 0.00	76.62 -1.94 0.00	130.47 -2.36 0.00	135.58 -2.68 0.00	155.33 -1.77 0.00	153.85 -0.59 0.00	189.03 -0.48 0.00	147.26 -1.14 0.00	135.48 -1.30 0.00	136.60 -1.20 0.00	104.87 -1.29 0.00	122.35 -1.35 0.00	106.47 0.26 0.00
V_D_10_SYNC_DSASP 323841	58.81 -1.06 0.00	64.76 -1.10 0.00	73.15 -0.87 0.00	61.31 -0.74 0.00	70.92 -0.86 0.00	59.15 -1.15 0.00	54.21 -1.11 0.00	8.65 -0.21 0.00	10.80 -0.40 0.00	18.98 -0.84 0.00	67.77 -2.93 0.00	59.81 -2.63 0.00	75.57 -2.99 0.00	129.17 -3.66 0.00	133.11 -5.14 0.00	153.81 -3.29 0.00	152.09 -2.34 0.00	186.53 -2.98 0.00	145.22 -3.18 0.00	133.81 -2.96 0.00	135.10 -2.70 0.00	104.10 -2.05 0.00	121.77 -1.93 0.00	105.08 -1.14 0.00
V_E_10_SYNC_DSASP 323830	63.69 3.82 0.00	69.41 3.06 -0.49	78.13 4.11 0.00	66.24 4.19 0.00	77.07 5.29 0.00	64.91 4.60 0.00	60.51 5.19 0.00	9.83 0.97 0.00	12.60 1.39 0.00	22.32 2.49 0.00	79.19 8.50 0.00	70.31 7.87 0.00	92.77 9.10 -5.12	147.35 14.51 -0.01	153.42 15.16 0.00	175.06 17.96 0.00	172.24 17.80 0.00	209.66 20.14 0.00	166.31 15.72 -2.18	154.61 13.71 -4.12	150.16 12.36 0.00	115.25 9.09 0.00	134.27 10.56 0.00	114.81 8.60 0.00
V_F_30_NSYNC___DSASP 323816	63.84 3.97 0.00	72.07 4.27 -1.94	78.60 4.57 0.00	65.75 3.70 0.00	76.08 4.30 0.00	63.90 3.60 0.00	58.50 3.18 0.00	9.37 0.51 0.00	11.88 0.67 0.00	20.97 1.14 0.00	74.76 4.07 0.00	66.00 3.55 0.00	104.21 4.75 -20.90	141.06 8.21 -0.03	147.02 8.77 0.00	166.95 9.85 0.00	164.13 9.70 0.00	201.97 12.46 0.00	167.34 10.02 -8.91	162.68 9.07 -16.83	147.42 9.61 0.00	113.72 7.57 0.00	132.10 8.40 0.00	113.14 6.93 0.00

V_F_30_SYNC_DSASP 323786	62.86 2.99 0.00	70.99 3.24 -1.90	77.39 3.36 0.00	64.83 2.77 0.00	75.06 3.28 0.00	63.10 2.79 0.00	57.76 2.44 0.00	9.23 0.37 0.00	11.70 0.49 0.00	20.71 0.89 0.00	73.72 3.02 0.00	64.92 2.47 0.00	102.37 3.38 -20.43	138.85 5.99 -0.03	144.30 6.05 0.00	162.94 5.84 0.00	159.67 5.24 0.00	197.35 7.83 0.00	163.73 6.62 -8.71	159.33 6.09 -16.46	143.63 5.83 0.00	111.09 4.93 0.00	129.73 6.02 0.00	111.13 4.92 0.00
V_XM_10_SYNC_DSASP 323789	58.86 -1.01 0.00	64.91 -0.95 0.00	73.50 -0.52 0.00	61.53 -0.52 0.00	71.18 -0.61 0.00	59.11 -1.20 0.00	54.31 -1.01 0.00	8.69 -0.16 0.00	10.84 -0.37 0.00	19.13 -0.70 0.00	68.54 -2.16 0.00	60.67 -1.77 0.00	76.62 -1.94 0.00	130.47 -2.36 0.00	135.58 -2.68 0.00	155.33 -1.77 0.00	153.85 -0.59 0.00	189.03 -0.48 0.00	147.26 -1.14 0.00	135.48 -1.30 0.00	136.60 -1.20 0.00	104.87 -1.29 0.00	122.35 -1.35 0.00	106.47 0.26 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	63.44 3.57 0.00	71.04 3.74 -1.44	78.12 4.10 0.00	65.31 3.26 0.00	75.57 3.79 0.00	63.61 3.30 0.00	58.39 3.07 0.00	9.38 0.52 0.00	11.94 0.74 0.00	21.22 1.39 0.00	76.52 5.83 0.00	67.65 5.21 0.00	100.97 6.47 -15.95	143.69 10.85 -0.02	149.52 11.27 0.00	168.31 11.21 0.00	165.24 10.81 0.00	202.73 13.22 0.00	166.76 11.57 -6.80	160.65 11.03 -12.84	148.69 10.89 0.00	114.71 8.55 0.00	133.13 9.42 0.00	114.01 7.80 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	64.18 4.31 0.00	71.83 4.41 -1.56	78.35 4.33 0.00	65.51 3.46 0.00	75.81 4.03 0.00	63.85 3.54 0.00	58.57 3.25 0.00	9.42 0.56 0.00	12.00 0.80 0.00	21.35 1.53 0.00	77.16 6.47 0.00	68.23 5.79 0.00	102.38 7.23 -16.60	145.00 12.15 -0.02	150.94 12.68 0.00	169.72 12.63 0.00	166.62 12.19 0.00	203.93 14.41 0.00	168.35 12.87 -7.08	162.41 12.26 -13.37	150.06 12.25 0.00	115.79 9.63 0.00	134.40 10.69 0.00	115.01 8.80 0.00
W50THST__13_KV_LOAD 356117	64.42 4.54 0.00	72.07 4.65 -1.56	78.58 4.55 0.00	65.70 3.65 0.00	76.04 4.26 0.00	64.04 3.73 0.00	58.76 3.44 0.00	9.45 0.59 0.00	12.04 0.84 0.00	21.44 1.61 0.00	77.51 6.81 0.00	68.54 6.10 0.00	102.80 7.65 -16.60	145.70 12.85 -0.02	151.63 13.37 0.00	170.55 13.45 0.00	167.45 13.02 0.00	204.87 15.36 0.00	169.07 13.59 -7.08	163.08 12.93 -13.37	150.74 12.93 0.00	116.33 10.17 0.00	135.05 11.35 0.00	115.55 9.33 0.00
WADING RIVER_IC_1 23522	65.99 6.12 0.00	73.85 6.44 -1.56	80.73 6.71 0.00	67.69 5.64 0.00	78.32 6.54 0.00	65.92 5.62 0.00	60.65 5.33 0.00	20.68 1.00 -10.82	99.44 1.36 -86.87	32.67 2.43 -10.40	236.05 9.47 -155.89	166.54 8.36 -95.74	116.20 10.65 -26.99	155.26 17.50 -4.93	161.38 18.65 -4.48	166.78 18.90 9.21	164.52 18.11 8.03	198.05 18.66 10.12	162.59 18.13 3.94	161.27 17.26 -7.24	157.00 17.51 -1.69	141.82 13.05 -22.61	146.18 14.64 -7.84	120.69 12.11 -2.37
WADING RIVER_IC_2 23547	65.99 6.12 0.00	73.85 6.44 -1.56	80.73 6.71 0.00	67.69 5.64 0.00	78.32 6.54 0.00	65.92 5.62 0.00	60.65 5.33 0.00	20.68 1.00 -10.82	99.44 1.36 -86.87	32.67 2.43 -10.40	236.05 9.47 -155.89	166.54 8.36 -95.74	116.20 10.65 -26.99	155.26 17.50 -4.93	161.38 18.65 -4.48	166.78 18.90 9.21	164.52 18.11 8.03	198.05 18.66 10.12	162.59 18.13 3.94	161.27 17.26 -7.24	157.00 17.51 -1.69	141.82 13.05 -22.61	146.18 14.64 -7.84	120.69 12.11 -2.37
WADING RIVER_IC_3 23601	65.99 6.12 0.00	73.85 6.44 -1.56	80.73 6.71 0.00	67.69 5.64 0.00	78.32 6.54 0.00	65.92 5.62 0.00	60.65 5.33 0.00	20.68 1.00 -10.82	99.44 1.36 -86.87	32.67 2.43 -10.40	236.05 9.47 -155.89	166.54 8.36 -95.74	116.20 10.65 -26.99	155.26 17.50 -4.93	161.38 18.65 -4.48	166.78 18.90 9.21	164.52 18.11 8.03	198.05 18.66 10.12	162.59 18.13 3.94	161.27 17.26 -7.24	157.00 17.51 -1.69	141.82 13.05 -22.61	146.18 14.64 -7.84	120.69 12.11 -2.37
WALDENNY_12_KV_BK2 80841	56.98 -2.89 0.00	63.19 -2.92 -0.26	70.78 -3.24 0.00	59.34 -2.71 0.00	69.01 -2.77 0.00	58.07 -2.23 0.00	53.55 -1.77 0.00	8.57 -0.28 0.00	10.91 -0.30 0.00	19.18 -0.64 0.00	67.37 -3.33 0.00	59.52 -2.92 0.00	77.44 -3.84 -2.72	125.59 -7.24 0.00	131.49 -6.77 0.00	151.65 -5.44 0.00	146.13 -8.30 0.00	177.41 -12.10 0.00	138.59 -10.97 -1.16	127.63 -11.33 -2.19	126.81 -10.99 0.00	98.06 -8.10 0.00	115.55 -8.15 0.00	100.23 -5.98 0.00
WALDEN__HYDRO 24148	63.71 3.84 0.00	71.35 4.01 -1.48	78.22 4.19 0.00	65.42 3.36 0.00	75.73 3.95 0.00	63.73 3.42 0.00	58.47 3.15 0.00	9.40 0.54 0.00	11.97 0.76 0.00	21.25 1.42 0.00	76.41 5.72 0.00	67.48 5.04 0.00	100.91 6.29 -16.06	143.50 10.65 -0.02	149.43 11.18 0.00	168.43 11.33 0.00	165.31 10.87 0.00	202.76 13.25 0.00	166.75 11.50 -6.85	160.54 10.83 -12.93	148.60 10.80 0.00	114.59 8.43 0.00	132.98 9.28 0.00	113.87 7.66 0.00
WARRENSBURG____ 23737	64.12 4.25 0.00	72.32 4.51 -1.95	78.90 4.88 0.00	65.92 3.87 0.00	76.13 4.35 0.00	63.70 3.40 0.00	58.04 2.72 0.00	9.27 0.41 0.00	11.76 0.55 0.00	20.73 0.91 0.00	74.01 3.31 0.00	65.45 3.01 0.00	103.67 4.15 -20.96	139.78 6.92 -0.03	145.96 7.70 0.00	166.06 8.97 0.00	163.37 8.94 0.00	201.38 11.87 0.00	166.82 9.48 -8.94	162.10 8.44 -16.89	148.41 10.61 0.00	114.73 8.57 0.00	133.21 9.51 0.00	113.93 7.72 0.00
WATERSIDE____6 8 9 23538	63.83 4.39 0.44	71.91 4.50 -1.56	78.40 4.38 0.00	65.53 3.47 0.00	75.83 4.05 0.00	63.87 3.56 0.00	58.13 3.30 0.49	9.42 0.57 0.00	12.01 0.80 0.00	19.96 1.56 1.42	28.46 6.71 48.95	59.80 5.98 8.62	98.36 7.43 -12.38	145.20 12.35 -0.02	151.09 12.84 0.00	169.90 12.81 0.00	166.82 12.39 0.00	204.08 14.57 0.00	163.00 13.21 -1.39	133.98 12.68 15.47	146.09 12.55 4.27	109.07 9.89 6.98	124.06 10.95 10.59	114.26 9.04 0.98
WATKINRD_115KV_LN8_ILLION 55919	61.25 1.38 0.00	67.29 1.44 0.00	75.49 1.47 0.00	63.30 1.24 0.00	73.33 1.55 0.00	61.70 1.39 0.00	56.62 1.30 0.00	9.08 0.22 0.00	11.52 0.31 0.00	20.35 0.53 0.00	72.70 2.00 0.00	64.10 1.66 0.00	80.67 2.11 0.00	136.46 3.64 0.00	142.40 4.14 0.00	161.47 4.37 0.00	158.50 4.07 0.00	194.91 5.40 0.00	153.17 4.77 0.00	141.06 4.28 0.00	141.74 3.94 0.00	109.15 3.00 0.00	127.17 3.47 0.00	108.84 2.63 0.00
WATSON__69_KV_BK 1 55734	66.11 6.24 0.00	73.97 6.56 -1.56	80.88 6.85 0.00	67.67 5.62 0.00	78.27 6.49 0.00	65.79 5.49 0.00	60.51 5.19 0.00	20.86 0.98 -11.02	97.68 1.34 -85.13	32.71 2.39 -10.49	237.35 9.43 -157.22	168.13 8.33 -97.36	121.30 10.39 -32.36	160.11 17.60 -9.68	165.97 18.63 -9.08	171.18 19.11 5.03	168.79 18.81 4.46	202.94 20.43 7.00	166.83 18.80 0.37	165.51 17.76 -10.98	162.27 17.89 -6.58	150.77 13.75 -30.87	150.55 15.26 -11.58	123.79 12.88 -4.70
WDELAWARE__HYD 323627	62.42 2.55 0.00	69.85 2.60 -1.40	76.68 2.66 0.00	64.13 2.07 0.00	74.26 2.48 0.00	62.48 2.18 0.00	57.38 2.06 0.00	9.24 0.38 0.00	11.76 0.55 0.00	20.88 1.06 0.00	74.98 4.28 0.00	66.25 3.81 0.00	98.47 4.80 -15.11	140.97 8.12 -0.02	146.81 8.56 0.00	165.70 8.61 0.00	162.77 8.34 0.00	199.74 10.22 0.00	163.78 8.94 -6.44	157.41 8.46 -12.17	146.18 8.38 0.00	112.58 6.42 0.00	130.54 6.83 0.00	111.70 5.49 0.00

WEST BABYLON___IC 23714	65.91 6.03 0.00	73.73 6.32 -1.56	80.60 6.58 0.00	67.40 5.34 0.00	77.96 6.18 0.00	65.54 5.24 0.00	60.26 4.95 0.00	21.20 0.94 -11.41	93.95 1.29 -81.46	32.77 2.29 -10.65	239.93 9.09 -160.14	171.70 8.05 -101.21	132.99 10.03 -44.40	170.23 17.07 -20.33	175.61 17.96 -19.40	179.90 18.46 -4.35	176.11 18.14 -3.54	209.37 19.86 0.00	174.32 18.28 -7.63	173.35 17.21 -19.37	172.73 17.39 -17.54	168.95 13.41 -49.38	158.52 14.85 -19.97	128.63 12.56 -9.86
WEST CANADA___HYD 24049	60.41 0.54 0.00	66.46 0.61 0.00	74.61 0.59 0.00	62.55 0.50 0.00	72.36 0.58 0.00	60.85 0.54 0.00	55.76 0.44 0.00	8.94 0.08 0.00	11.33 0.12 0.00	20.06 0.23 0.00	71.49 0.79 0.00	63.14 0.70 0.00	79.43 0.87 0.00	134.29 1.46 0.00	139.86 1.61 0.00	158.53 1.44 0.00	155.75 1.32 0.00	191.17 1.65 0.00	149.84 1.44 0.00	138.13 1.36 0.00	139.08 1.27 0.00	107.22 1.06 0.00	124.94 1.24 0.00	107.18 0.97 0.00
WESTERN_NY_WIND 24143	58.14 -1.73 0.00	64.28 -1.80 -0.22	71.94 -2.09 0.00	60.38 -1.68 0.00	70.22 -1.57 0.00	59.11 -1.19 0.00	54.52 -0.80 0.00	8.74 -0.11 0.00	11.12 -0.09 0.00	19.52 -0.30 0.00	68.62 -2.08 0.00	60.56 -1.88 0.00	78.37 -2.54 -2.35	128.09 -4.74 0.00	134.13 -4.13 0.00	154.61 -2.48 0.00	149.44 -4.99 0.00	182.04 -7.47 0.00	142.09 -7.31 -1.00	130.55 -8.13 -1.91	129.84 -7.96 -0.01	100.21 -5.95 0.00	117.80 -5.90 0.00	102.06 -4.15 0.00
WESTOVER___LESR 323668	60.27 0.40 0.00	66.90 0.54 -0.50	74.56 0.54 0.00	62.38 0.32 0.00	72.31 0.53 0.00	60.86 0.55 0.00	55.90 0.58 0.00	8.98 0.13 0.00	11.42 0.21 0.00	20.19 0.36 0.00	71.91 1.21 0.00	63.60 1.16 0.00	84.81 0.96 -5.29	134.09 1.26 -0.01	139.79 1.54 0.00	158.90 1.81 0.00	155.41 0.98 0.00	189.62 0.10 0.00	151.11 0.46 -2.25	141.59 0.55 -4.26	138.32 0.52 0.00	106.70 0.55 0.00	124.45 0.74 0.00	106.92 0.71 0.00
WETHRSFD_WT_PWR 323626	56.87 -3.00 0.00	63.36 -2.79 -0.29	71.17 -2.85 0.00	59.60 -2.45 0.00	69.36 -2.43 0.00	58.38 -1.93 0.00	53.86 -1.46 0.00	8.65 -0.21 0.00	11.00 -0.21 0.00	19.35 -0.48 0.00	68.11 -2.59 0.00	60.13 -2.31 0.00	78.43 -3.20 -3.07	126.96 -5.87 0.00	132.60 -5.65 0.00	152.55 -4.54 0.00	147.76 -6.67 0.00	179.20 -10.31 0.00	140.97 -8.74 -1.31	130.35 -8.90 -2.47	129.14 -8.66 0.00	99.81 -6.34 0.00	117.24 -6.46 0.00	101.52 -4.69 0.00
WHAVSTOR_138KV_BK127 55557	63.18 3.31 0.00	70.76 3.46 -1.44	77.82 3.80 0.00	65.08 3.03 0.00	75.30 3.52 0.00	63.38 3.07 0.00	58.17 2.86 0.00	9.34 0.49 0.00	11.90 0.69 0.00	21.13 1.31 0.00	76.24 5.55 0.00	67.39 4.95 0.00	100.64 6.12 -15.96	143.06 10.21 -0.02	148.88 10.62 0.00	167.59 10.50 0.00	164.52 10.09 0.00	201.80 12.28 0.00	166.05 10.84 -6.81	160.01 10.38 -12.86	148.07 10.27 0.00	114.21 8.05 0.00	132.59 8.89 0.00	113.54 7.33 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	63.18 3.31 0.00	70.76 3.46 -1.44	77.82 3.80 0.00	65.08 3.03 0.00	75.30 3.52 0.00	63.38 3.07 0.00	58.17 2.86 0.00	9.34 0.49 0.00	11.90 0.69 0.00	21.13 1.31 0.00	76.24 5.55 0.00	67.39 4.95 0.00	100.64 6.12 -15.96	143.06 10.21 -0.02	148.88 10.62 0.00	167.59 10.50 0.00	164.52 10.09 0.00	201.80 12.28 0.00	166.05 10.84 -6.81	160.01 10.38 -12.86	148.07 10.27 0.00	114.21 8.05 0.00	132.59 8.89 0.00	113.54 7.33 0.00
WHITEHAL_115KV_TB1 80871	65.38 5.50 0.00	73.62 5.82 -1.95	80.43 6.40 0.00	66.73 4.67 0.00	77.72 5.94 0.00	65.37 5.07 0.00	60.00 4.68 0.00	9.55 0.70 0.00	12.10 0.89 0.00	21.14 1.31 0.00	75.54 4.84 0.00	67.28 4.84 0.00	106.35 6.86 -20.94	143.57 10.71 -0.03	150.39 12.14 0.00	172.24 15.15 0.00	169.49 15.06 0.00	209.08 19.56 0.00	172.31 14.98 -8.93	166.50 12.86 -16.86	151.18 13.38 0.00	116.63 10.47 0.00	135.48 11.78 0.00	115.54 9.33 0.00
WHITEPLN_13_KV_LOAD 356215	64.68 4.81 0.00	72.41 4.99 -1.56	79.02 5.00 0.00	66.07 4.01 0.00	76.50 4.72 0.00	64.39 4.09 0.00	59.09 3.77 0.00	9.50 0.65 0.00	12.11 0.90 0.00	21.52 1.69 0.00	77.60 6.90 0.00	68.59 6.15 0.00	102.78 7.66 -16.57	145.84 12.99 -0.02	151.84 13.59 0.00	170.95 13.86 0.00	167.80 13.37 0.00	205.74 16.23 0.00	169.49 14.03 -7.06	163.39 13.26 -13.34	151.02 13.22 0.00	116.50 10.35 0.00	135.16 11.46 0.00	115.68 9.47 0.00
WM_FLOYD_69_KV_BK2 356380	65.89 6.02 0.00	73.72 6.31 -1.56	80.60 6.58 0.00	67.52 5.47 0.00	78.11 6.33 0.00	65.72 5.42 0.00	60.45 5.14 0.00	20.65 0.97 -10.83	99.30 1.32 -86.77	32.60 2.36 -10.41	235.86 9.22 -155.95	166.43 8.16 -95.83	116.16 10.31 -27.29	155.16 17.13 -5.20	161.16 18.16 -4.74	166.56 18.44 8.97	164.46 17.85 7.82	198.31 18.75 9.95	162.51 17.86 3.74	161.20 16.98 -7.45	156.94 17.18 -1.96	142.23 12.99 -23.08	146.24 14.49 -8.05	120.79 12.09 -2.50
WOODARD__115KV_TB2 355635	59.48 -0.39 0.00	65.51 -0.49 -0.14	73.34 -0.68 0.00	61.58 -0.48 0.00	71.21 -0.57 0.00	60.09 -0.21 0.00	55.20 -0.12 0.00	8.87 0.01 0.00	11.25 0.05 0.00	19.90 0.08 0.00	70.75 0.06 0.00	62.49 0.05 0.00	79.42 -0.63 -1.49	131.44 -1.39 0.00	137.13 -1.12 0.00	155.95 -1.14 0.00	152.90 -1.53 0.00	187.35 -2.17 0.00	147.28 -1.75 -0.64	136.21 -1.77 -1.20	135.92 -1.88 0.00	104.73 -1.43 0.00	122.01 -1.69 0.00	104.78 -1.43 0.00
YORK___WARBASSE 23770	67.19 4.75 -2.56	72.30 4.89 -1.56	78.81 4.79 0.00	65.89 3.84 0.00	76.22 4.43 0.00	64.23 3.92 0.00	61.90 3.68 -2.90	9.48 0.62 0.00	12.08 0.87 0.00	29.86 1.69 -8.34	365.49 7.21 -287.58	119.52 6.41 -50.67	127.90 7.92 -41.43	145.92 13.07 -0.02	151.86 13.60 0.00	170.70 13.61 0.00	167.65 13.21 0.00	205.24 15.71 -0.02	203.10 14.18 -40.52	333.34 13.73 -182.83	176.35 13.46 -25.08	157.79 10.61 -41.03	197.71 11.78 -62.22	121.69 9.71 -5.78