

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$		--- Marginal Cost of Losses										--- Marginal Cost of Congestion										07/01/2025		
Generator Data																								
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	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	51.45	47.42	42.12	40.85	41.58	45.16	53.33	56.12	57.41	55.71	62.67	64.80	99.78	203.49	287.38	888.72	2633.62	2240.03	263.40	215.26	225.82	99.05	96.78	61.44
24138	3.51	3.68	3.04	2.93	2.90	3.11	3.33	3.43	3.33	3.67	4.29	4.97	8.16	17.33	28.94	75.50	14.34	43.14	21.63	16.79	19.39	7.80	5.96	3.83
	0.00	0.00	0.00	-0.12	0.00	-0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-10.84	-5.97	-178.60	-2486.85	-1803.86	-43.56	-27.99	0.00	0.00	0.00	0.00
74TH STREET_GT_1	51.53	47.48	42.17	40.93	41.67	45.24	53.41	56.23	57.51	55.80	62.75	64.87	99.84	203.50	287.23	888.29	2630.88	2239.03	263.92	215.70	226.36	99.24	96.99	61.55
24260	3.60	3.74	3.10	3.01	2.99	3.19	3.41	3.54	3.43	3.76	4.37	5.04	8.22	17.34	28.77	75.37	14.51	44.03	22.20	17.31	19.93	7.99	6.18	3.94
	0.00	0.00	0.00	-0.12	0.00	-0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-10.85	-6.00	-178.30	-2483.94	-1801.97	-43.51	-27.92	0.00	0.00	0.00	0.00
74TH STREET_GT_2	51.53	47.48	42.17	40.93	41.67	45.24	53.41	56.23	57.51	55.80	62.75	64.87	99.84	203.50	287.23	888.29	2630.88	2239.03	263.92	215.70	226.36	99.24	96.99	61.55
24261	3.60	3.74	3.10	3.01	2.99	3.19	3.41	3.54	3.43	3.76	4.37	5.04	8.22	17.34	28.77	75.37	14.51	44.03	22.20	17.31	19.93	7.99	6.18	3.94
	0.00	0.00	0.00	-0.12	0.00	-0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-10.85	-6.00	-178.30	-2483.94	-1801.97	-43.51	-27.92	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	50.44	46.47	41.39	40.14	41.09	44.67	52.92	55.58	56.94	54.80	61.06	62.48	95.31	173.86	265.36	678.75	151.81	439.81	221.35	184.83	222.75	97.73	96.36	60.80
24011	2.51	2.74	2.32	2.34	2.41	2.65	2.92	2.89	2.86	2.76	2.68	2.64	3.68	6.80	13.06	44.26	9.73	32.19	18.68	14.36	16.33	6.48	5.54	3.20
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.25	0.17	0.13	-9.65	-14.59	-4.46	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	50.96	47.22	42.03	40.77	41.79	45.46	53.94	56.46	57.73	55.55	62.01	63.26	96.24	175.95	268.89	687.88	153.84	449.63	227.24	188.99	227.25	99.67	97.75	61.78
23798	3.03	3.49	2.96	2.97	3.12	3.43	3.94	3.77	3.65	3.52	3.63	3.42	4.62	8.48	16.59	53.39	11.93	42.38	24.52	18.52	20.82	8.42	6.94	4.18
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.84	0.17	0.13	-9.48	-14.22	-4.52	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	50.44	46.47	41.39	40.14	41.09	44.67	52.92	55.58	56.94	54.80	61.06	62.48	95.31	173.86	265.36	678.75	151.81	439.81	221.35	184.83	222.75	97.73	96.36	60.80
24028	2.51	2.74	2.32	2.34	2.41	2.65	2.92	2.89	2.86	2.76	2.68	2.64	3.68	6.80	13.06	44.26	9.73	32.19	18.68	14.36	16.33	6.48	5.54	3.20
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.25	0.17	0.13	-9.65	-14.59	-4.46	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	49.61	45.88	40.88	39.64	40.53	44.02	51.89	54.48	55.76	53.91	59.97	61.37	93.82	159.63	260.12	663.85	152.32	438.36	216.34	181.17	218.41	95.71	94.67	59.85
23527	1.67	2.15	1.80	1.85	1.85	2.00	1.88	1.79	1.68	1.88	1.59	1.53	2.20	3.19	7.88	29.40	6.66	22.96	14.49	10.70	11.98	4.47	3.86	2.24
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18.86	0.23	0.17	-13.23	-22.36	-3.66	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	47.90	44.09	39.41	38.26	39.12	42.39	50.06	52.62	53.86	52.01	58.06	59.64	91.26	168.48	254.47	647.40	146.02	418.71	207.00	174.32	209.88	92.18	91.15	57.67
24190	-0.03	0.36	0.33	0.46	0.44	0.37	0.06	-0.06	-0.22	-0.02	-0.31	-0.19	-0.37	-0.24	2.18	12.92	3.46	10.54	5.95	3.85	3.45	0.93	0.34	0.06
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.59	0.18	0.14	-10.13	-15.14	-2.85	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	47.97	43.58	39.07	37.69	38.59	41.98	50.37	53.14	54.63	52.39	58.86	60.06	91.84	174.94	248.16	620.41	128.62	379.23	190.85	164.88	201.35	89.65	89.87	57.32
355683	0.03	-0.16	0.00	-0.11	-0.09	-0.04	0.37	0.45	0.55	0.36	0.48	0.22	0.22	-0.36	-4.31	-14.21	-3.81	-13.79	-7.35	-5.59	-5.08	-1.60	-0.95	-0.28
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	48.46	44.96	40.19	38.99	39.86	43.28	51.11	53.72	54.90	52.66	58.06	59.40	90.61	170.42	254.36	646.41	132.59	406.18	206.99	175.03	210.73	92.66	91.74	58.39
323833	0.53	1.23	1.12	1.20	1.18	1.26	1.11	1.03	0.83	0.63	-0.31	-0.43	-1.02	-0.89	1.90	11.79	2.93	10.27	6.32	4.56	4.30	1.41	0.93	0.79
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.99	0.00	0.00	2.78	-2.88	-2.47	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	48.43	44.95	40.18	38.98	39.85	43.26	51.09	53.71	54.89	52.65	58.04	59.38	90.56	170.39	254.25	645.99	132.54	405.85	206.85	174.95	210.66	92.61	91.70	58.35
323834	0.49	1.22	1.10	1.18	1.18	1.24	1.09	1.02	0.82	0.62	-0.34	-0.45	-1.06	-0.92	1.78	11.37	2.89	9.96	6.18	4.48	4.24	1.36	0.88	0.75
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.00	0.00	0.00	2.78	-2.87	-2.47	0.00	0.00	0.00	0.00	0.00
ALBANY___1	47.90	44.09	39.41	38.26	39.12	42.39	50.06	52.62	53.86	52.01	58.06	59.64	91.26	168.48	254.47	647.40	146.02	418.71	207.00	174.32	209.88	92.18	91.15	57.67
23571	-0.03	0.36	0.33	0.46	0.44	0.37	0.06	-0.06	-0.22	-0.02	-0.31	-0.19	-0.37	-0.24	2.18	12.92	3.46	10.54	5.95	3.85	3.45	0.93	0.34	0.06
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.59	0.18	0.14	-10.13	-15.14	-2.85	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	47.90 -0.03 0.00	44.09 0.36 0.00	39.41 0.33 0.00	38.26 0.46 0.00	39.12 0.44 0.00	42.39 0.37 0.00	50.06 0.06 0.00	52.62 -0.06 0.00	53.86 -0.22 0.00	52.01 -0.02 0.00	58.06 -0.31 0.00	59.64 -0.19 0.00	91.26 -0.37 0.00	168.48 -0.24 6.59	254.47 2.18 0.18	647.40 12.92 0.14	146.02 3.46 -10.13	418.71 10.54 -15.14	207.00 5.95 -2.85	174.32 3.85 0.00	209.88 3.45 0.00	92.18 0.93 0.00	91.15 0.34 0.00	57.67 0.06 0.00
ALBANY___3 23573	47.90 -0.03 0.00	44.09 0.36 0.00	39.41 0.33 0.00	38.26 0.46 0.00	39.12 0.44 0.00	42.39 0.37 0.00	50.06 0.06 0.00	52.62 -0.06 0.00	53.86 -0.22 0.00	52.01 -0.02 0.00	58.06 -0.31 0.00	59.64 -0.19 0.00	91.26 -0.37 0.00	168.48 -0.24 6.59	254.47 2.18 0.18	647.40 12.92 0.14	146.02 3.46 -10.13	418.71 10.54 -15.14	207.00 5.95 -2.85	174.32 3.85 0.00	209.88 3.45 0.00	92.18 0.93 0.00	91.15 0.34 0.00	57.67 0.06 0.00
ALBANY___4 23574	47.90 -0.03 0.00	44.09 0.36 0.00	39.41 0.33 0.00	38.26 0.46 0.00	39.12 0.44 0.00	42.39 0.37 0.00	50.06 0.06 0.00	52.62 -0.06 0.00	53.86 -0.22 0.00	52.01 -0.02 0.00	58.06 -0.31 0.00	59.64 -0.19 0.00	91.26 -0.37 0.00	168.48 -0.24 6.59	254.47 2.18 0.18	647.40 12.92 0.14	146.02 3.46 -10.13	418.71 10.54 -15.14	207.00 5.95 -2.85	174.32 3.85 0.00	209.88 3.45 0.00	92.18 0.93 0.00	91.15 0.34 0.00	57.67 0.06 0.00
ALBANY___LFGE 323615	48.62 0.69 0.00	44.71 0.98 0.00	39.94 0.86 0.00	38.76 0.97 0.00	39.62 0.94 0.00	42.96 0.94 0.00	50.78 0.78 0.00	53.38 0.69 0.00	54.67 0.59 0.00	52.80 0.76 0.00	58.97 0.60 0.00	60.63 0.79 0.00	92.75 1.13 0.00	170.74 2.71 7.28	258.78 6.49 0.18	658.57 24.09 0.14	148.20 5.61 -10.16	425.18 16.76 -15.38	210.63 9.09 -3.34	176.93 6.46 0.00	213.00 6.57 0.00	93.52 2.27 0.00	92.45 1.63 0.00	58.44 0.84 0.00
ALCOA_PA_115KV_PL-6C 55860	48.33 0.39 0.00	43.91 0.18 0.00	39.34 0.26 0.00	37.95 0.15 0.00	38.86 0.18 0.00	42.28 0.26 0.00	50.77 0.76 0.00	53.52 0.83 0.00	55.01 0.94 0.00	52.74 0.71 0.00	59.26 0.88 0.00	60.34 0.51 0.00	92.28 0.66 0.00	175.61 0.30 0.00	250.04 -2.43 0.00	625.40 -9.22 0.00	129.47 -2.96 0.00	381.72 -11.31 0.00	191.86 -6.34 0.00	165.98 -4.49 0.00	203.17 -3.26 0.00	90.54 -0.72 0.00	90.89 0.07 0.00	57.96 0.36 0.00
ALCOA_RYNLDS___DRP 24188	48.33 0.39 0.00	43.91 0.18 0.00	39.34 0.26 0.00	37.95 0.15 0.00	38.86 0.18 0.00	42.28 0.26 0.00	50.77 0.76 0.00	53.52 0.83 0.00	55.01 0.94 0.00	52.74 0.71 0.00	59.26 0.88 0.00	60.34 0.51 0.00	92.28 0.66 0.00	175.61 0.30 0.00	250.04 -2.43 0.00	625.40 -9.22 0.00	129.47 -2.96 0.00	381.72 -11.31 0.00	191.86 -6.34 0.00	165.98 -4.49 0.00	203.17 -3.26 0.00	90.54 -0.72 0.00	90.89 0.07 0.00	57.96 0.36 0.00
ALCOA___DSASP 323711	48.33 0.40 0.00	43.91 0.18 0.00	39.34 0.26 0.00	37.95 0.15 0.00	38.86 0.18 0.00	42.28 0.26 0.00	50.77 0.76 0.00	53.52 0.83 0.00	55.01 0.94 0.00	52.75 0.72 0.00	59.26 0.88 0.00	60.34 0.51 0.00	92.28 0.66 0.00	175.61 0.30 0.00	250.05 -2.42 0.00	625.40 -9.23 0.00	129.47 -2.96 0.00	381.77 -11.25 0.00	191.84 -6.36 0.00	165.98 -4.49 0.00	203.17 -3.26 0.00	90.54 -0.72 0.00	90.89 0.08 0.00	57.96 0.36 0.00
ALLEGHENY___COGEN 23514	49.12 1.18 0.00	45.16 1.42 0.00	39.95 0.87 0.00	38.61 0.81 0.00	39.69 1.01 0.00	43.59 1.57 0.00	51.76 1.76 0.00	53.32 0.63 0.00	54.18 0.11 0.00	52.31 -0.27 -0.54	58.17 -0.21 0.00	60.01 0.17 0.00	92.29 0.67 0.00	179.40 4.10 0.00	258.08 5.61 0.00	615.66 -18.96 0.00	135.08 -3.65 -6.30	395.68 -22.63 -25.28	192.10 -12.14 -6.03	165.50 -4.97 0.00	204.67 -1.75 0.00	95.75 4.50 0.00	94.21 3.39 0.00	59.57 1.97 0.00
ALTAMONT_115KV_TB 2 55880	48.67 0.73 0.00	44.74 1.00 0.00	39.96 0.88 0.00	38.76 0.96 0.00	39.62 0.95 0.00	43.01 0.98 0.00	50.81 0.81 0.00	53.41 0.72 0.00	54.68 0.60 0.00	52.74 0.70 0.00	58.91 0.54 0.00	60.53 0.70 0.00	92.62 1.00 0.00	173.49 2.28 4.10	257.83 5.53 0.17	654.66 20.17 0.13	146.47 4.64 -9.40	419.97 14.40 -12.54	208.73 8.12 -2.40	176.49 6.02 0.00	212.67 6.24 0.00	93.50 2.25 0.00	92.50 1.69 0.00	58.57 0.97 0.00
ALTONA_WT_PWR 323606	47.86 -0.07 0.00	43.58 -0.16 0.00	38.70 -0.37 0.00	37.38 -0.42 0.00	38.23 -0.45 0.00	41.62 -0.40 0.00	50.15 0.14 0.00	53.08 0.39 0.00	54.66 0.58 0.00	52.39 0.35 0.00	58.42 0.05 0.00	59.45 -0.38 0.00	90.58 -1.04 0.00	171.60 -3.71 0.00	245.43 -7.04 0.00	613.12 -21.50 0.00	125.70 -6.73 0.00	372.12 -20.90 0.00	188.37 -9.84 0.00	163.06 -7.41 0.00	199.23 -7.19 0.00	89.22 -2.03 0.00	89.73 -1.09 0.00	57.30 -0.31 0.00
AMERICAN_REF_FUEL 24010	47.34 -0.59 0.00	42.36 -1.37 0.00	36.85 -2.23 0.00	35.66 -2.14 0.00	36.65 -2.03 0.00	40.21 -1.81 0.00	47.62 -2.38 0.00	49.34 -3.35 0.00	50.70 -3.38 0.00	48.75 -3.15 0.13	56.31 -2.06 0.00	58.35 -1.48 0.00	90.07 -1.56 0.00	171.24 -4.07 0.00	246.23 -6.24 0.00	599.94 -34.68 0.00	127.14 -6.43 -1.13	371.45 -16.84 4.74	187.20 -9.88 1.13	162.99 -7.48 0.00	196.67 -9.76 0.00	86.70 -4.54 0.00	87.26 -3.56 0.00	56.58 -1.02 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	47.69 -0.25 0.00	42.67 -1.06 0.00	37.65 -1.43 0.00	36.70 -1.10 0.00	37.67 -1.01 0.00	41.25 -0.77 0.00	49.11 -0.89 0.00	51.67 -1.01 0.00	52.93 -1.15 0.00	50.84 -1.05 0.14	58.71 0.34 0.00	61.03 1.20 0.00	94.88 3.26 0.00	181.26 5.95 0.00	263.30 10.83 0.00	638.23 3.61 0.00	133.95 0.20 -1.32	392.41 4.45 5.06	195.28 -1.72 1.20	172.04 1.58 0.00	208.01 1.59 0.00	91.65 0.40 0.00	91.76 0.94 0.00	58.68 1.08 0.00
ARTHUR KILL_GT_1 23520	50.95 3.01 0.00	47.21 3.47 0.00	42.06 2.98 0.00	40.79 2.87 -0.12	41.52 2.84 0.00	45.03 2.98 -0.03	52.39 2.69 0.30	55.68 3.00 0.00	56.91 2.84 0.00	55.13 3.09 0.00	61.73 3.35 0.00	63.33 4.00 0.50	98.44 6.82 0.00	200.79 14.64 -10.85	283.78 25.32 -6.00	708.39 66.66 -7.11	1958.08 10.87 -1814.78	1961.20 33.67 -1534.50	259.65 17.94 -43.51	212.91 14.52 -27.92	223.78 17.35 0.00	98.35 7.09 0.00	96.03 5.22 0.00	61.02 3.42 0.00
ARTHUR_KILL_2 23512	50.75 2.82 0.00	47.03 3.29 0.00	41.91 2.83 0.00	40.66 2.74 -0.12	41.38 2.71 0.00	44.88 2.83 -0.03	52.20 2.50 0.30	55.47 2.78 0.00	56.71 2.63 0.00	54.92 2.88 0.00	61.50 3.12 0.00	63.06 3.73 0.51	98.05 6.43 0.00	199.94 13.79 -10.85	282.45 23.98 -6.00	705.55 63.82 -7.11	1957.33 10.12 -1814.78	1959.10 31.58 -1534.50	258.66 16.95 -43.51	212.08 13.69 -27.92	222.75 16.32 0.00	97.89 6.64 0.00	95.60 4.79 0.00	60.79 3.18 0.00
ARTHUR_KILL_3 23513	50.74 2.81 0.00	46.81 3.08 0.00	41.62 2.54 0.00	40.40 2.48 -0.12	41.11 2.43 0.00	44.60 2.55 -0.03	51.20 2.59 1.40	55.32 2.64 0.00	56.57 2.49 0.00	54.84 2.80 0.00	61.65 3.27 0.00	63.72 3.88 0.00	98.06 6.44 0.00	200.09 13.94 -10.84	282.24 23.79 -5.98	707.00 63.35 -9.02	1806.49 11.76 -1662.30	1949.62 36.20 -1520.40	260.12 18.38 -43.54	212.40 13.98 -27.95	222.71 16.28 0.00	97.80 6.55 0.00	95.55 4.73 0.00	60.64 3.04 0.00

ARTHUR_KILL_COGEN 323718	50.95 3.01 0.00	47.20 3.46 0.00	42.06 2.98 0.00	40.79 2.87 -0.12	41.53 2.85 0.00	45.03 2.98 -0.03	52.40 2.69 0.30	55.67 2.98 0.00	56.92 2.84 0.00	55.12 3.08 0.00	61.73 3.35 0.00	63.33 4.00 0.51	98.43 6.81 0.00	200.76 14.60 -10.85	283.69 25.23 -6.00	708.71 66.98 -7.11	1958.05 10.84 -1814.78	1961.08 33.55 -1534.50	259.57 17.86 -43.51	212.90 14.51 -27.92	223.74 17.31 0.00	98.34 7.09 0.00	96.03 5.21 0.00	61.03 3.43 0.00
ASHOKAN____ 23654	50.20 2.27 0.00	46.05 2.32 0.00	41.03 1.96 0.00	39.76 1.97 0.00	40.63 1.96 0.00	44.12 2.10 0.00	52.18 2.18 0.00	55.04 2.35 0.00	56.31 2.23 0.00	54.26 2.22 0.00	60.79 2.41 0.00	62.50 2.67 0.00	96.27 4.64 0.00	185.69 10.38 0.00	271.13 18.66 0.00	688.45 53.83 0.00	144.05 11.52 -0.10	443.70 38.02 -12.66	218.01 17.18 -2.63	184.91 14.44 0.00	222.23 15.80 0.00	97.39 6.14 0.00	95.74 4.93 0.00	60.39 2.78 0.00
ASTORIA_EAST_ENERGY_CC1 323581	51.19 3.26 0.00	47.14 3.40 0.00	41.90 2.83 0.00	40.70 2.78 -0.12	41.39 2.71 0.00	44.92 2.87 -0.03	52.96 2.96 0.00	55.73 3.04 0.00	56.98 2.90 0.00	55.21 3.17 0.00	61.96 3.58 0.00	64.15 4.31 0.00	98.79 7.13 -0.03	202.85 15.10 -12.44	286.64 25.50 -8.67	888.54 67.52 -186.41	2666.24 12.65 -2521.15	2259.58 39.07 -1827.47	261.45 19.74 -43.51	214.68 15.44 -28.77	227.22 17.91 -2.88	98.49 7.11 -0.12	96.17 5.35 0.00	61.16 3.56 0.00
ASTORIA_EAST_ENERGY_CC2 323582	51.19 3.26 0.00	47.14 3.40 0.00	41.90 2.83 0.00	40.70 2.78 -0.12	41.39 2.71 0.00	44.92 2.87 -0.03	52.96 2.96 0.00	55.73 3.04 0.00	56.98 2.90 0.00	55.21 3.17 0.00	61.96 3.58 0.00	64.15 4.31 0.00	98.79 7.13 -0.03	202.85 15.10 -12.44	286.64 25.50 -8.67	888.54 67.52 -186.41	2666.24 12.65 -2521.15	2259.58 39.07 -1827.47	261.45 19.74 -43.51	214.68 15.44 -28.77	227.22 17.91 -2.88	98.49 7.11 -0.12	96.17 5.35 0.00	61.16 3.56 0.00
ASTORIA_GT2_1 24094	51.23 3.29 0.00	47.16 3.43 0.00	41.92 2.84 0.00	40.71 2.79 -0.12	41.39 2.72 0.00	44.95 2.90 -0.03	52.98 2.98 0.00	55.77 3.08 0.00	57.01 2.94 0.00	55.25 3.22 0.00	61.99 3.61 0.00	64.17 4.33 0.00	98.82 7.17 -0.03	202.97 15.23 -12.44	286.83 25.69 -8.67	888.57 67.55 -186.41	2666.34 12.76 -2521.15	2259.70 39.20 -1827.47	261.54 19.83 -43.51	214.77 15.53 -28.77	227.38 18.07 -2.88	98.52 7.15 -0.12	96.22 5.41 0.00	61.19 3.59 0.00
ASTORIA_GT2_2 24095	51.23 3.29 0.00	47.16 3.43 0.00	41.92 2.84 0.00	40.71 2.79 -0.12	41.39 2.72 0.00	44.95 2.90 -0.03	52.98 2.98 0.00	55.77 3.08 0.00	57.01 2.94 0.00	55.25 3.22 0.00	61.99 3.61 0.00	64.17 4.33 0.00	98.82 7.17 -0.03	202.97 15.23 -12.44	286.83 25.69 -8.67	888.57 67.55 -186.41	2666.34 12.76 -2521.15	2259.70 39.20 -1827.47	261.54 19.83 -43.51	214.77 15.53 -28.77	227.38 18.07 -2.88	98.52 7.15 -0.12	96.22 5.41 0.00	61.19 3.59 0.00
ASTORIA_GT2_3 24096	51.23 3.29 0.00	47.16 3.43 0.00	41.92 2.84 0.00	40.71 2.79 -0.12	41.39 2.72 0.00	44.95 2.90 -0.03	52.98 2.98 0.00	55.77 3.08 0.00	57.01 2.94 0.00	55.25 3.22 0.00	61.99 3.61 0.00	64.17 4.33 0.00	98.82 7.17 -0.03	202.97 15.23 -12.44	286.83 25.69 -8.67	888.57 67.55 -186.41	2666.34 12.76 -2521.15	2259.70 39.20 -1827.47	261.54 19.83 -43.51	214.77 15.53 -28.77	227.38 18.07 -2.88	98.52 7.15 -0.12	96.22 5.41 0.00	61.19 3.59 0.00
ASTORIA_GT2_4 24097	51.23 3.29 0.00	47.16 3.43 0.00	41.92 2.84 0.00	40.71 2.79 -0.12	41.39 2.72 0.00	44.95 2.90 -0.03	52.98 2.98 0.00	55.77 3.08 0.00	57.01 2.94 0.00	55.25 3.22 0.00	61.99 3.61 0.00	64.17 4.33 0.00	98.82 7.17 -0.03	202.97 15.23 -12.44	286.83 25.69 -8.67	888.57 67.55 -186.41	2666.34 12.76 -2521.15	2259.70 39.20 -1827.47	261.54 19.83 -43.51	214.77 15.53 -28.77	227.38 18.07 -2.88	98.52 7.15 -0.12	96.22 5.41 0.00	61.19 3.59 0.00
ASTORIA_GT3_1 24098	51.23 3.29 0.00	47.16 3.43 0.00	41.92 2.84 0.00	40.71 2.79 -0.12	41.39 2.72 0.00	44.95 2.90 -0.03	52.98 2.98 0.00	55.77 3.08 0.00	57.01 2.94 0.00	55.25 3.22 0.00	61.99 3.61 0.00	64.17 4.33 0.00	98.82 7.17 -0.03	202.97 15.23 -12.44	286.83 25.69 -8.67	888.57 67.55 -186.41	2666.34 12.76 -2521.15	2259.70 39.20 -1827.47	261.54 19.83 -43.51	214.77 15.53 -28.77	227.38 18.07 -2.88	98.52 7.15 -0.12	96.22 5.41 0.00	61.19 3.59 0.00
ASTORIA_GT3_2 24099	51.23 3.29 0.00	47.16 3.43 0.00	41.92 2.84 0.00	40.71 2.79 -0.12	41.39 2.72 0.00	44.95 2.90 -0.03	52.98 2.98 0.00	55.77 3.08 0.00	57.01 2.94 0.00	55.25 3.22 0.00	61.99 3.61 0.00	64.17 4.33 0.00	98.82 7.17 -0.03	202.97 15.23 -12.44	286.83 25.69 -8.67	888.57 67.55 -186.41	2666.34 12.76 -2521.15	2259.70 39.20 -1827.47	261.54 19.83 -43.51	214.77 15.53 -28.77	227.38 18.07 -2.88	98.52 7.15 -0.12	96.22 5.41 0.00	61.19 3.59 0.00
ASTORIA_GT3_3 24100	51.23 3.29 0.00	47.16 3.43 0.00	41.92 2.84 0.00	40.71 2.79 -0.12	41.39 2.72 0.00	44.95 2.90 -0.03	52.98 2.98 0.00	55.77 3.08 0.00	57.01 2.94 0.00	55.25 3.22 0.00	61.99 3.61 0.00	64.17 4.33 0.00	98.82 7.17 -0.03	202.97 15.23 -12.44	286.83 25.69 -8.67	888.57 67.55 -186.41	2666.34 12.76 -2521.15	2259.70 39.20 -1827.47	261.54 19.83 -43.51	214.77 15.53 -28.77	227.38 18.07 -2.88	98.52 7.15 -0.12	96.22 5.41 0.00	61.19 3.59 0.00
ASTORIA_GT3_4 24101	51.23 3.29 0.00	47.16 3.43 0.00	41.92 2.84 0.00	40.71 2.79 -0.12	41.39 2.72 0.00	44.95 2.90 -0.03	52.98 2.98 0.00	55.77 3.08 0.00	57.01 2.94 0.00	55.25 3.22 0.00	61.99 3.61 0.00	64.17 4.33 0.00	98.82 7.17 -0.03	202.97 15.23 -12.44	286.83 25.69 -8.67	888.57 67.55 -186.41	2666.34 12.76 -2521.15	2259.70 39.20 -1827.47	261.54 19.83 -43.51	214.77 15.53 -28.77	227.38 18.07 -2.88	98.52 7.15 -0.12	96.22 5.41 0.00	61.19 3.59 0.00
ASTORIA_GT4_1 24102	51.23 3.29 0.00	47.16 3.43 0.00	41.92 2.84 0.00	40.71 2.79 -0.12	41.39 2.72 0.00	44.95 2.90 -0.03	52.98 2.98 0.00	55.77 3.08 0.00	57.01 2.94 0.00	55.25 3.22 0.00	61.99 3.61 0.00	64.17 4.33 0.00	98.82 7.17 -0.03	202.97 15.23 -12.44	286.83 25.69 -8.67	888.57 67.55 -186.41	2666.34 12.76 -2521.15	2259.70 39.20 -1827.47	261.54 19.83 -43.51	214.77 15.53 -28.77	227.38 18.07 -2.88	98.52 7.15 -0.12	96.22 5.41 0.00	61.19 3.59 0.00
ASTORIA_GT4_2 24103	51.23 3.29 0.00	47.16 3.43 0.00	41.92 2.84 0.00	40.71 2.79 -0.12	41.39 2.72 0.00	44.95 2.90 -0.03	52.98 2.98 0.00	55.77 3.08 0.00	57.01 2.94 0.00	55.25 3.22 0.00	61.99 3.61 0.00	64.17 4.33 0.00	98.82 7.17 -0.03	202.97 15.23 -12.44	286.83 25.69 -8.67	888.57 67.55 -186.41	2666.34 12.76 -2521.15	2259.70 39.20 -1827.47	261.54 19.83 -43.51	214.77 15.53 -28.77	227.38 18.07 -2.88	98.52 7.15 -0.12	96.22 5.41 0.00	61.19 3.59 0.00
ASTORIA_GT4_3 24104	51.23 3.29 0.00	47.16 3.43 0.00	41.92 2.84 0.00	40.71 2.79 -0.12	41.39 2.72 0.00	44.95 2.90 -0.03	52.98 2.98 0.00	55.77 3.08 0.00	57.01 2.94 0.00	55.25 3.22 0.00	61.99 3.61 0.00	64.17 4.33 0.00	98.82 7.17 -0.03	202.97 15.23 -12.44	286.83 25.69 -8.67	888.57 67.55 -186.41	2666.34 12.76 -2521.15	2259.70 39.20 -1827.47	261.54 19.83 -43.51	214.77 15.53 -28.77	227.38 18.07 -2.88	98.52 7.15 -0.12	96.22 5.41 0.00	61.19 3.59 0.00

ASTORIA_GT4_4 24105	51.23 3.29 0.00	47.16 3.43 0.00	41.92 2.84 0.00	40.71 2.79 -0.12	41.39 2.72 0.00	44.95 2.90 -0.03	52.98 2.98 0.00	55.77 3.08 0.00	57.01 2.94 0.00	55.25 3.22 0.00	61.99 3.61 0.00	64.17 4.33 0.00	98.82 7.17 -0.03	202.97 15.23 -12.44	286.83 25.69 -8.67	888.57 67.55 -186.41	2666.34 12.76 -2521.15	2259.70 39.20 -1827.47	261.54 19.83 -43.51	214.77 15.53 -28.77	227.38 18.07 -2.88	98.52 7.15 -0.12	96.22 5.41 0.00	61.19 3.59 0.00
ASTORIA_GT_1 23523	51.34 3.41 0.00	47.27 3.54 0.00	42.01 2.94 0.00	40.79 2.88 -0.12	41.48 2.81 0.00	45.05 3.00 -0.03	53.11 3.11 0.00	55.91 3.22 0.00	57.16 3.08 0.00	55.40 3.36 0.00	62.16 3.79 0.00	64.35 4.51 0.00	99.13 7.47 -0.03	203.56 15.81 -12.44	287.67 26.53 -8.67	890.73 69.70 -186.41	2666.78 13.19 -2521.15	2261.01 40.51 -1827.47	262.15 20.43 -43.51	215.28 16.04 -28.77	228.00 18.69 -2.88	98.79 7.41 -0.12	96.45 5.63 0.00	61.34 3.73 0.00
ASTORIA_GT_10 24110	51.00 3.07 0.00	47.05 3.31 0.00	41.83 2.75 0.00	40.62 2.70 -0.12	41.34 2.66 0.00	44.87 2.82 -0.03	52.86 2.86 0.00	55.59 2.91 0.00	56.85 2.77 0.00	55.18 3.15 0.00	61.96 3.59 0.00	64.03 4.20 0.00	98.47 6.84 0.00	200.57 14.41 -10.85	282.99 24.53 -6.00	879.34 64.99 -179.73	2622.20 12.06 -2477.71	2231.94 36.95 -1801.96	260.46 18.75 -43.51	212.93 14.54 -27.92	223.34 16.91 0.00	97.92 6.67 0.00	95.68 4.87 0.00	60.88 3.27 0.00
ASTORIA_GT_11 24225	51.00 3.07 0.00	47.05 3.31 0.00	41.83 2.75 0.00	40.62 2.70 -0.12	41.34 2.66 0.00	44.87 2.82 -0.03	52.86 2.86 0.00	55.59 2.91 0.00	56.85 2.77 0.00	55.18 3.15 0.00	61.96 3.59 0.00	64.03 4.20 0.00	98.47 6.84 0.00	200.57 14.41 -10.85	282.99 24.53 -6.00	879.34 64.99 -179.73	2622.20 12.06 -2477.71	2231.94 36.95 -1801.96	260.46 18.75 -43.51	212.93 14.54 -27.92	223.34 16.91 0.00	97.92 6.67 0.00	95.68 4.87 0.00	60.88 3.27 0.00
ASTORIA_GT_12 24226	51.00 3.07 0.00	47.05 3.31 0.00	41.83 2.75 0.00	40.62 2.70 -0.12	41.34 2.66 0.00	44.87 2.82 -0.03	52.86 2.86 0.00	55.59 2.91 0.00	56.85 2.77 0.00	55.18 3.15 0.00	61.96 3.59 0.00	64.03 4.20 0.00	98.47 6.84 0.00	200.57 14.41 -10.85	282.99 24.53 -6.00	879.34 64.99 -179.73	2622.20 12.06 -2477.71	2231.94 36.95 -1801.96	260.46 18.75 -43.51	212.93 14.54 -27.92	223.34 16.91 0.00	97.92 6.67 0.00	95.68 4.87 0.00	60.88 3.27 0.00
ASTORIA_GT_13 24227	51.00 3.07 0.00	47.05 3.31 0.00	41.83 2.75 0.00	40.62 2.70 -0.12	41.34 2.66 0.00	44.87 2.82 -0.03	52.86 2.86 0.00	55.59 2.91 0.00	56.85 2.77 0.00	55.18 3.15 0.00	61.96 3.59 0.00	64.03 4.20 0.00	98.47 6.84 0.00	200.57 14.41 -10.85	282.99 24.53 -6.00	879.34 64.99 -179.73	2622.20 12.06 -2477.71	2231.94 36.95 -1801.96	260.46 18.75 -43.51	212.93 14.54 -27.92	223.34 16.91 0.00	97.92 6.67 0.00	95.68 4.87 0.00	60.88 3.27 0.00
ASTORIA_GT_5 24106	51.34 3.41 0.00	47.27 3.54 0.00	42.01 2.94 0.00	40.79 2.88 -0.12	41.48 2.81 0.00	45.05 3.00 -0.03	53.11 3.11 0.00	55.91 3.22 0.00	57.16 3.08 0.00	55.40 3.36 0.00	62.16 3.79 0.00	64.35 4.51 0.00	99.13 7.47 -0.03	203.56 15.81 -12.44	287.67 26.53 -8.67	890.73 69.70 -186.41	2666.78 13.19 -2521.15	2261.01 40.51 -1827.47	262.15 20.43 -43.51	215.28 16.04 -28.77	228.00 18.69 -2.88	98.79 7.41 -0.12	96.45 5.63 0.00	61.34 3.73 0.00
ASTORIA_GT_7 24107	51.34 3.41 0.00	47.27 3.54 0.00	42.01 2.94 0.00	40.79 2.88 -0.12	41.48 2.81 0.00	45.05 3.00 -0.03	53.11 3.11 0.00	55.91 3.22 0.00	57.16 3.08 0.00	55.40 3.36 0.00	62.16 3.79 0.00	64.35 4.51 0.00	99.13 7.47 -0.03	203.56 15.81 -12.44	287.67 26.53 -8.67	890.73 69.70 -186.41	2666.78 13.19 -2521.15	2261.01 40.51 -1827.47	262.15 20.43 -43.51	215.28 16.04 -28.77	228.00 18.69 -2.88	98.79 7.41 -0.12	96.45 5.63 0.00	61.34 3.73 0.00
ASTORIA_GT_8 24108	51.34 3.41 0.00	47.27 3.54 0.00	42.01 2.94 0.00	40.79 2.88 -0.12	41.48 2.81 0.00	45.05 3.00 -0.03	53.11 3.11 0.00	55.91 3.22 0.00	57.16 3.08 0.00	55.40 3.36 0.00	62.16 3.79 0.00	64.35 4.51 0.00	99.13 7.47 -0.03	203.56 15.81 -12.44	287.67 26.53 -8.67	890.73 69.70 -186.41	2666.78 13.19 -2521.15	2261.01 40.51 -1827.47	262.15 20.43 -43.51	215.28 16.04 -28.77	228.00 18.69 -2.88	98.79 7.41 -0.12	96.45 5.63 0.00	61.34 3.73 0.00
ASTORIA___2 24149	51.22 3.29 0.00	47.17 3.43 0.00	41.92 2.84 0.00	40.71 2.79 -0.12	41.41 2.73 0.00	44.95 2.90 -0.03	52.98 2.98 0.00	55.76 3.07 0.00	57.02 2.94 0.00	55.26 3.22 0.00	61.99 3.61 0.00	64.16 4.32 0.00	98.82 7.16 -0.03	202.95 15.20 -12.44	286.80 25.66 -8.67	888.88 67.85 -186.41	2666.32 12.74 -2521.15	2259.71 39.21 -1827.47	261.56 19.84 -43.51	214.81 15.57 -28.77	227.38 18.07 -2.88	98.54 7.16 -0.12	96.21 5.40 0.00	61.20 3.59 0.00
ASTORIA___3 23516	51.00 3.07 0.00	47.05 3.31 0.00	41.83 2.76 0.00	40.62 2.70 -0.12	41.34 2.67 0.00	44.86 2.81 -0.03	52.86 2.86 0.00	55.58 2.90 0.00	56.85 2.77 0.00	55.19 3.15 0.00	61.96 3.59 0.00	64.02 4.19 0.00	98.46 6.84 0.00	200.53 14.37 -10.85	282.96 24.50 -6.00	879.62 65.27 -179.73	2622.18 12.04 -2477.71	2231.87 36.88 -1801.96	260.45 18.74 -43.51	212.94 14.55 -27.92	223.34 16.91 0.00	97.94 6.69 0.00	95.69 4.87 0.00	60.87 3.27 0.00
ASTORIA___4 23517	51.00 3.07 0.00	47.05 3.31 0.00	41.83 2.75 0.00	40.62 2.70 -0.12	41.34 2.66 0.00	44.87 2.81 -0.03	52.86 2.86 0.00	55.59 2.91 0.00	56.85 2.77 0.00	55.18 3.15 0.00	61.96 3.58 0.00	64.02 4.19 0.00	98.47 6.84 0.00	200.54 14.38 -10.85	282.99 24.53 -6.00	879.34 64.99 -179.73	2622.20 12.06 -2477.71	2231.94 36.95 -1801.96	260.45 18.74 -43.51	212.91 14.52 -27.92	223.34 16.91 0.00	97.92 6.67 0.00	95.68 4.87 0.00	60.88 3.27 0.00
ASTORIA___5 23518	51.00 3.07 0.00	47.05 3.31 0.00	41.83 2.76 0.00	40.62 2.70 -0.12	41.34 2.67 0.00	44.86 2.81 -0.03	52.86 2.86 0.00	55.58 2.90 0.00	56.85 2.77 0.00	55.19 3.15 0.00	61.96 3.59 0.00	64.02 4.19 0.00	98.46 6.84 0.00	200.53 14.37 -10.85	282.96 24.50 -6.00	879.62 65.27 -179.73	2622.18 12.04 -2477.71	2231.84 36.85 -1801.96	260.45 18.74 -43.51	212.94 14.55 -27.92	223.34 16.91 0.00	97.94 6.69 0.00	95.69 4.87 0.00	60.87 3.27 0.00
AST_ENERGY_2_CC3 323677	50.95 3.02 0.00	46.96 3.22 0.00	41.73 2.66 0.00	40.51 2.59 -0.12	41.23 2.55 0.00	44.75 2.70 -0.03	52.80 2.80 0.00	55.56 2.87 0.00	56.82 2.74 0.00	55.09 3.05 0.00	61.92 3.54 0.00	64.03 4.19 0.00	98.55 6.93 0.00	201.02 14.87 -10.85	283.60 25.15 -5.99	879.77 66.84 -178.31	2629.89 12.55 -2484.90	2234.23 38.34 -1802.86	261.15 19.41 -43.54	213.33 14.90 -27.96	223.53 17.10 0.00	98.09 6.84 0.00	95.87 5.05 0.00	60.86 3.25 0.00
AST_ENERGY_2_CC4 323678	50.95 3.02 0.00	46.96 3.22 0.00	41.73 2.66 0.00	40.51 2.59 -0.12	41.23 2.55 0.00	44.75 2.70 -0.03	52.80 2.80 0.00	55.56 2.87 0.00	56.82 2.74 0.00	55.09 3.05 0.00	61.92 3.54 0.00	64.03 4.19 0.00	98.55 6.93 0.00	201.02 14.87 -10.85	283.60 25.15 -5.99	879.77 66.84 -178.31	2629.89 12.55 -2484.90	2234.23 38.34 -1802.86	261.15 19.41 -43.54	213.33 14.90 -27.96	223.53 17.10 0.00	98.09 6.84 0.00	95.87 5.05 0.00	60.86 3.25 0.00

ATHENS_STG_1 23668	49.13 1.20 0.00	45.17 1.43 0.00	40.32 1.25 0.00	39.11 1.31 0.00	39.98 1.30 0.00	43.39 1.37 0.00	51.18 1.18 0.00	53.74 1.05 0.00	55.01 0.93 0.00	53.14 1.10 0.00	59.52 1.15 0.00	61.25 1.42 0.00	93.86 2.24 0.00	184.93 4.88 -4.74	261.74 9.52 0.25	663.83 29.40 0.19	151.11 6.39 -12.29	418.59 20.19 -5.37	209.43 10.76 -0.47	178.54 8.07 0.00	215.09 8.67 0.00	94.51 3.26 0.00	93.24 2.42 0.00	59.06 1.46 0.00
ATHENS_STG_2 23670	49.13 1.20 0.00	45.17 1.43 0.00	40.32 1.25 0.00	39.11 1.31 0.00	39.98 1.30 0.00	43.39 1.37 0.00	51.18 1.18 0.00	53.74 1.05 0.00	55.01 0.93 0.00	53.14 1.10 0.00	59.52 1.15 0.00	61.25 1.42 0.00	93.86 2.24 0.00	184.93 4.88 -4.74	261.74 9.52 0.25	663.83 29.40 0.19	151.11 6.39 -12.29	418.59 20.19 -5.37	209.43 10.76 -0.47	178.54 8.07 0.00	215.09 8.67 0.00	94.51 3.26 0.00	93.24 2.42 0.00	59.06 1.46 0.00
ATHENS_STG_3 23677	49.13 1.20 0.00	45.17 1.43 0.00	40.32 1.25 0.00	39.11 1.31 0.00	39.98 1.30 0.00	43.39 1.37 0.00	51.18 1.18 0.00	53.74 1.05 0.00	55.01 0.93 0.00	53.14 1.10 0.00	59.52 1.15 0.00	61.25 1.42 0.00	93.86 2.24 0.00	184.93 4.88 -4.74	261.74 9.52 0.25	663.83 29.40 0.19	151.11 6.39 -12.29	418.59 20.19 -5.37	209.43 10.76 -0.47	178.54 8.07 0.00	215.09 8.67 0.00	94.51 3.26 0.00	93.24 2.42 0.00	59.06 1.46 0.00
AUBURN____LFGE 323710	50.53 0.60 -2.00	44.47 0.51 -0.23	39.31 0.24 0.00	38.07 0.28 0.00	39.00 0.32 0.00	42.67 0.46 -0.18	51.12 0.56 -0.56	53.15 0.46 0.00	54.62 0.55 0.00	52.76 0.62 -0.11	61.77 0.68 -2.71	63.32 0.66 -2.82	98.11 1.61 -4.88	181.94 2.53 -4.11	260.99 5.99 -2.54	650.69 11.64 -4.43	136.13 1.72 -1.98	403.53 8.59 -1.91	202.95 4.29 -0.46	174.81 4.34 0.00	211.39 4.69 -0.27	94.21 1.79 -1.17	92.91 1.79 -0.31	58.73 0.73 -0.40
BABYLON_RES_REC 323704	51.41 3.47 0.00	47.67 3.93 0.00	42.12 3.05 0.00	40.72 2.80 -0.12	41.42 2.75 0.00	44.82 2.76 -0.03	52.65 2.65 0.00	54.92 2.24 0.00	52.11 1.94 3.92	32.97 2.00 21.07	49.25 2.23 11.35	53.33 2.85 9.36	93.04 4.94 3.53	185.09 10.80 1.02	259.75 20.02 12.73	632.69 52.61 54.53	916.59 9.93 -774.23	1555.33 32.24 -1130.06	258.93 17.50 -43.23	186.11 12.32 -3.32	143.70 13.49 76.22	55.32 5.48 41.41	114.20 3.07 -20.31	32.46 2.01 27.16
BALL_HILL_WT_PWR 323825	47.88 -0.05 0.00	42.94 -0.79 0.00	37.62 -1.46 0.00	36.51 -1.29 0.00	37.50 -1.18 0.00	41.13 -0.89 0.00	48.82 -1.18 0.00	50.95 -1.74 0.00	52.30 -1.78 0.00	50.31 -1.58 0.14	57.99 -0.39 0.00	60.04 0.20 0.00	92.93 1.30 0.00	177.33 2.02 0.00	256.85 4.38 0.00	625.35 -9.27 0.00	131.52 -2.12 -1.21	386.37 -1.37 5.29	193.51 -3.44 1.26	169.75 -0.72 0.00	204.79 -1.64 0.00	90.34 -0.91 0.00	90.35 -0.46 0.00	57.94 0.34 0.00
BARON_WINDS____WT_PWR 323822	47.16 -0.77 0.00	42.79 -0.94 0.00	37.68 -1.40 0.00	36.41 -1.38 0.00	37.43 -1.25 0.00	41.34 -0.69 0.00	49.06 -0.94 0.00	51.17 -1.52 0.00	52.39 -1.68 0.00	49.55 -1.61 0.87	57.34 -1.04 0.00	58.99 -0.85 0.00	90.95 -0.68 0.00	175.50 0.20 0.00	256.23 3.61 -0.15	627.92 -6.81 -0.11	116.18 -1.73 14.52	341.67 -2.74 48.62	186.01 -3.24 8.94	170.31 -0.16 0.00	206.57 0.14 0.00	91.55 0.30 0.00	90.87 0.06 0.00	57.67 0.06 0.00
BARRETT_IC_1 23704	50.99 3.06 0.00	47.13 3.39 0.00	41.73 2.65 0.00	40.40 2.48 -0.12	41.12 2.44 0.00	44.53 2.48 -0.03	52.31 2.31 0.00	54.64 1.95 0.00	55.61 1.71 0.18	54.91 2.09 -0.79	60.42 2.55 0.51	62.61 3.20 0.43	96.98 5.27 -0.09	205.96 11.43 -19.23	279.98 20.52 -6.99	897.12 55.20 -207.31	2716.81 10.25 -2574.12	1964.50 32.36 -1539.11	258.71 17.07 -43.44	207.98 12.49 -25.03	232.66 13.73 -12.50	300.72 5.78 -203.69	229.48 3.86 -134.80	60.26 2.30 -0.35
BARRETT_IC_10 23701	50.99 3.06 0.00	47.13 3.39 0.00	41.73 2.65 0.00	40.40 2.48 -0.12	41.12 2.44 0.00	44.53 2.48 -0.03	52.31 2.31 0.00	54.64 1.95 0.00	55.61 1.71 0.18	54.91 2.09 -0.79	60.42 2.55 0.51	62.61 3.20 0.43	94.74 5.27 2.15	96.42 11.43 90.31	96.06 20.52 176.93	353.53 55.20 336.28	201.18 10.25 -58.50	209.38 32.36 216.02	258.71 17.07 -43.44	149.33 12.49 33.62	34.38 13.73 185.78	292.18 5.78 -195.15	229.48 3.86 -134.80	60.26 2.30 -0.35
BARRETT_IC_11 23702	50.99 3.06 0.00	47.13 3.39 0.00	41.73 2.65 0.00	40.40 2.48 -0.12	41.12 2.44 0.00	44.53 2.48 -0.03	52.31 2.31 0.00	54.64 1.95 0.00	55.61 1.71 0.18	54.91 2.09 -0.79	60.42 2.55 0.51	62.61 3.20 0.43	94.74 5.27 2.15	96.42 11.43 90.31	96.06 20.52 176.93	353.53 55.20 336.28	201.18 10.25 -58.50	209.38 32.36 216.02	258.71 17.07 -43.44	149.33 12.49 33.62	34.38 13.73 185.78	292.18 5.78 -195.15	229.48 3.86 -134.80	60.26 2.30 -0.35
BARRETT_IC_12 23703	50.99 3.06 0.00	47.13 3.39 0.00	41.73 2.65 0.00	40.40 2.48 -0.12	41.12 2.44 0.00	44.53 2.48 -0.03	52.31 2.31 0.00	54.64 1.95 0.00	55.61 1.71 0.18	54.91 2.09 -0.79	60.42 2.55 0.51	62.61 3.20 0.43	94.74 5.27 2.15	96.42 11.43 90.31	96.06 20.52 176.93	353.53 55.20 336.28	201.18 10.25 -58.50	209.38 32.36 216.02	258.71 17.07 -43.44	149.33 12.49 33.62	34.38 13.73 185.78	292.18 5.78 -195.15	229.48 3.86 -134.80	60.26 2.30 -0.35
BARRETT_IC_2 23705	50.99 3.06 0.00	47.13 3.39 0.00	41.73 2.65 0.00	40.40 2.48 -0.12	41.12 2.44 0.00	44.53 2.48 -0.03	52.31 2.31 0.00	54.64 1.95 0.00	55.61 1.71 0.18	54.91 2.09 -0.79	60.42 2.55 0.51	62.61 3.20 0.43	96.98 5.27 -0.09	205.96 11.43 -19.23	279.98 20.52 -6.99	897.12 55.20 -207.31	2716.81 10.25 -2574.12	1964.50 32.36 -1539.11	258.71 17.07 -43.44	207.98 12.49 -25.03	232.66 13.73 -12.50	300.72 5.78 -203.69	229.48 3.86 -134.80	60.26 2.30 -0.35
BARRETT_IC_3 23706	50.99 3.06 0.00	47.13 3.39 0.00	41.73 2.65 0.00	40.40 2.48 -0.12	41.12 2.44 0.00	44.53 2.48 -0.03	52.31 2.31 0.00	54.64 1.95 0.00	55.61 1.71 0.18	54.91 2.09 -0.79	60.42 2.55 0.51	62.61 3.20 0.43	96.98 5.27 -0.09	205.96 11.43 -19.23	279.98 20.52 -6.99	897.12 55.20 -207.31	2716.81 10.25 -2574.12	1964.50 32.36 -1539.11	258.71 17.07 -43.44	207.98 12.49 -25.03	232.66 13.73 -12.50	300.72 5.78 -203.69	229.48 3.86 -134.80	60.26 2.30 -0.35
BARRETT_IC_4 23707	50.99 3.06 0.00	47.13 3.39 0.00	41.73 2.65 0.00	40.40 2.48 -0.12	41.12 2.44 0.00	44.53 2.48 -0.03	52.31 2.31 0.00	54.64 1.95 0.00	55.61 1.71 0.18	54.91 2.09 -0.79	60.42 2.55 0.51	62.61 3.20 0.43	96.98 5.27 -0.09	205.96 11.43 -19.23	279.98 20.52 -6.99	897.12 55.20 -207.31	2716.81 10.25 -2574.12	1964.50 32.36 -1539.11	258.71 17.07 -43.44	207.98 12.49 -25.03	232.66 13.73 -12.50	300.72 5.78 -203.69	229.48 3.86 -134.80	60.26 2.30 -0.35
BARRETT_IC_5 23708	50.99 3.06 0.00	47.13 3.39 0.00	41.73 2.65 0.00	40.40 2.48 -0.12	41.12 2.44 0.00	44.53 2.48 -0.03	52.31 2.31 0.00	54.64 1.95 0.00	55.61 1.71 0.18	54.91 2.09 -0.79	60.42 2.55 0.51	62.61 3.20 0.43	96.98 5.27 -0.09	205.96 11.43 -19.23	279.98 20.52 -6.99	897.12 55.20 -207.31	2716.81 10.25 -2574.12	1964.50 32.36 -1539.11	258.71 17.07 -43.44	207.98 12.49 -25.03	232.66 13.73 -12.50	300.72 5.78 -203.69	229.48 3.86 -134.80	60.26 2.30 -0.35

BARRETT_IC_6 23709	50.99 3.06 0.00	47.13 3.39 0.00	41.73 2.65 0.00	40.40 2.48 -0.12	41.12 2.44 0.00	44.53 2.48 -0.03	52.31 2.31 0.00	54.64 1.95 0.00	55.61 1.71 0.18	54.91 2.09 -0.79	60.42 2.55 0.51	62.61 3.20 0.43	96.98 5.27 -0.09	205.96 11.43 -19.23	279.98 20.52 -6.99	897.12 55.20 -207.31	2716.81 10.25 -2574.12	1964.50 32.36 -1539.11	258.71 17.07 -43.44	207.98 12.49 -25.03	232.66 13.73 -12.50	300.72 5.78 -203.69	229.48 3.86 -134.80	60.26 2.30 -0.35
BARRETT_IC_7 23710	50.99 3.06 0.00	47.13 3.39 0.00	41.73 2.65 0.00	40.41 2.49 -0.12	41.12 2.44 0.00	44.53 2.48 -0.03	52.31 2.31 0.00	54.66 1.97 0.00	55.60 1.69 0.18	54.93 2.10 -0.79	60.42 2.56 0.51	62.62 3.21 0.43	97.01 5.30 -0.09	206.05 11.52 -19.23	280.15 20.69 -6.99	897.23 55.30 -207.31	2716.90 10.35 -2574.12	1964.72 32.58 -1539.11	258.70 17.06 -43.44	207.97 12.48 -25.03	232.73 13.80 -12.50	300.56 5.62 -203.69	229.53 3.91 -134.80	60.32 2.36 -0.35
BARRETT_IC_8 23711	50.99 3.06 0.00	47.13 3.39 0.00	41.73 2.65 0.00	40.40 2.48 -0.12	41.12 2.44 0.00	44.53 2.48 -0.03	52.31 2.31 0.00	54.64 1.95 0.00	55.61 1.71 0.18	54.91 2.09 -0.79	60.42 2.55 0.51	62.61 3.20 0.43	96.98 5.27 -0.09	205.96 11.43 -19.23	279.98 20.52 -6.99	897.12 55.20 -207.31	2716.81 10.25 -2574.12	1964.50 32.36 -1539.11	258.71 17.07 -43.44	207.98 12.49 -25.03	232.66 13.73 -12.50	300.72 5.78 -203.69	229.48 3.86 -134.80	60.26 2.30 -0.35
BARRETT_IC_9 23700	50.99 3.06 0.00	47.13 3.39 0.00	41.73 2.65 0.00	40.40 2.48 -0.12	41.12 2.44 0.00	44.53 2.48 -0.03	52.31 2.31 0.00	54.64 1.95 0.00	55.61 1.71 0.18	54.91 2.09 -0.79	60.42 2.55 0.51	62.61 3.20 0.43	94.74 5.27 2.15	96.42 11.43 90.31	96.06 20.52 176.93	353.53 55.20 336.28	201.18 10.25 -58.50	209.38 32.36 216.02	258.71 17.07 -43.44	149.33 12.49 33.62	34.38 13.73 185.78	292.18 5.78 -195.15	229.48 3.86 -134.80	60.26 2.30 -0.35
BARRETT___1 23545	50.99 3.06 0.00	47.13 3.39 0.00	41.73 2.65 0.00	40.40 2.48 -0.12	41.12 2.44 0.00	44.53 2.48 -0.03	52.31 2.31 0.00	54.64 1.95 0.00	55.61 1.71 0.18	54.91 2.09 -0.79	60.42 2.55 0.51	62.61 3.20 0.43	96.98 5.27 -0.09	205.96 11.43 -19.23	279.98 20.52 -6.99	897.12 55.20 -207.31	2716.81 10.25 -2574.12	1964.50 32.36 -1539.11	258.71 17.07 -43.44	207.98 12.49 -25.03	232.66 13.73 -12.50	300.72 5.78 -203.69	229.48 3.86 -134.80	60.26 2.30 -0.35
BARRETT___2 23546	50.99 3.06 0.00	47.13 3.39 0.00	41.73 2.65 0.00	40.40 2.48 -0.12	41.12 2.44 0.00	44.53 2.48 -0.03	52.31 2.31 0.00	54.64 1.95 0.00	55.61 1.71 0.18	54.91 2.09 -0.79	60.42 2.55 0.51	62.61 3.20 0.43	94.74 5.27 2.15	96.42 11.43 90.31	96.06 20.52 176.93	353.53 55.20 336.28	201.18 10.25 -58.50	209.38 32.36 216.02	258.71 17.07 -43.44	149.33 12.49 33.62	34.38 13.73 185.78	292.18 5.78 -195.15	229.48 3.86 -134.80	60.26 2.30 -0.35
BATAVIA___115KV_TB1 55881	49.64 1.71 0.00	44.51 0.77 0.00	38.86 -0.22 0.00	37.60 -0.19 0.00	38.65 -0.03 0.00	42.39 0.37 0.00	50.35 0.35 0.00	52.59 -0.09 0.00	54.14 0.06 0.00	52.17 0.22 0.09	60.03 1.66 0.00	61.95 2.12 0.00	95.65 4.02 0.00	181.88 6.57 0.00	261.50 9.03 0.00	639.54 4.92 0.00	134.94 1.25 -1.26	396.95 6.84 2.92	200.05 2.54 0.70	174.79 4.32 0.00	210.68 4.25 0.00	92.85 1.60 0.00	92.88 2.07 0.00	59.56 1.96 0.00
BAYONEEC___CTG1 323682	51.02 3.09 0.00	47.03 3.30 0.00	41.79 2.72 0.00	40.57 2.65 -0.12	41.29 2.61 0.00	44.82 2.76 -0.03	52.88 2.88 0.00	55.63 2.94 0.00	56.88 2.81 0.00	55.14 3.11 0.00	61.98 3.60 0.00	64.08 4.25 0.00	98.64 7.01 0.00	201.19 15.04 -10.85	283.82 25.37 -5.99	860.31 67.14 -158.56	2181.28 12.56 -2036.28	1966.91 38.46 -1535.42	261.20 19.46 -43.54	213.44 15.02 -27.96	223.76 17.33 0.00	98.22 6.97 0.00	95.97 5.15 0.00	60.96 3.35 0.00
BAYONEEC___CTG10 323750	51.02 3.09 0.00	47.03 3.30 0.00	41.79 2.72 0.00	40.57 2.65 -0.12	41.29 2.61 0.00	44.82 2.76 -0.03	52.88 2.88 0.00	55.63 2.94 0.00	56.88 2.81 0.00	55.14 3.11 0.00	61.98 3.60 0.00	64.08 4.25 0.00	98.64 7.01 0.00	201.19 15.04 -10.85	283.82 25.37 -5.99	860.31 67.14 -158.56	2181.28 12.56 -2036.28	1966.91 38.46 -1535.42	261.20 19.46 -43.54	213.44 15.02 -27.96	223.76 17.33 0.00	98.22 6.97 0.00	95.97 5.15 0.00	60.96 3.35 0.00
BAYONEEC___CTG2 323683	51.02 3.09 0.00	47.03 3.30 0.00	41.79 2.72 0.00	40.57 2.65 -0.12	41.29 2.61 0.00	44.82 2.76 -0.03	52.88 2.88 0.00	55.63 2.94 0.00	56.88 2.81 0.00	55.14 3.11 0.00	61.98 3.60 0.00	64.08 4.25 0.00	98.64 7.01 0.00	201.19 15.04 -10.85	283.82 25.37 -5.99	860.31 67.14 -158.56	2181.28 12.56 -2036.28	1966.91 38.46 -1535.42	261.20 19.46 -43.54	213.44 15.02 -27.96	223.76 17.33 0.00	98.22 6.97 0.00	95.97 5.15 0.00	60.96 3.35 0.00
BAYONEEC___CTG3 323684	51.02 3.09 0.00	47.03 3.30 0.00	41.79 2.72 0.00	40.57 2.65 -0.12	41.29 2.61 0.00	44.82 2.76 -0.03	52.88 2.88 0.00	55.63 2.94 0.00	56.88 2.81 0.00	55.14 3.11 0.00	61.98 3.60 0.00	64.08 4.25 0.00	98.64 7.01 0.00	201.19 15.04 -10.85	283.82 25.37 -5.99	860.31 67.14 -158.56	2181.28 12.56 -2036.28	1966.91 38.46 -1535.42	261.20 19.46 -43.54	213.44 15.02 -27.96	223.76 17.33 0.00	98.22 6.97 0.00	95.97 5.15 0.00	60.96 3.35 0.00
BAYONEEC___CTG4 323685	51.02 3.09 0.00	47.03 3.30 0.00	41.79 2.72 0.00	40.57 2.65 -0.12	41.29 2.61 0.00	44.82 2.76 -0.03	52.88 2.88 0.00	55.63 2.94 0.00	56.88 2.81 0.00	55.14 3.11 0.00	61.98 3.60 0.00	64.08 4.25 0.00	98.64 7.01 0.00	201.19 15.04 -10.85	283.82 25.37 -5.99	860.31 67.14 -158.56	2181.28 12.56 -2036.28	1966.91 38.46 -1535.42	261.20 19.46 -43.54	213.44 15.02 -27.96	223.76 17.33 0.00	98.22 6.97 0.00	95.97 5.15 0.00	60.96 3.35 0.00
BAYONEEC___CTG5 323686	51.02 3.09 0.00	47.03 3.30 0.00	41.79 2.72 0.00	40.57 2.65 -0.12	41.29 2.61 0.00	44.82 2.76 -0.03	52.88 2.88 0.00	55.63 2.94 0.00	56.88 2.81 0.00	55.14 3.11 0.00	61.98 3.60 0.00	64.08 4.25 0.00	98.64 7.01 0.00	201.19 15.04 -10.85	283.82 25.37 -5.99	860.31 67.14 -158.56	2181.28 12.56 -2036.28	1966.91 38.46 -1535.42	261.20 19.46 -43.54	213.44 15.02 -27.96	223.76 17.33 0.00	98.22 6.97 0.00	95.97 5.15 0.00	60.96 3.35 0.00
BAYONEEC___CTG6 323687	51.02 3.09 0.00	47.03 3.30 0.00	41.79 2.72 0.00	40.57 2.65 -0.12	41.29 2.61 0.00	44.82 2.76 -0.03	52.88 2.88 0.00	55.63 2.94 0.00	56.88 2.81 0.00	55.14 3.11 0.00	61.98 3.60 0.00	64.08 4.25 0.00	98.64 7.01 0.00	201.19 15.04 -10.85	283.82 25.37 -5.99	860.31 67.14 -158.56	2181.28 12.56 -2036.28	1966.91 38.46 -1535.42	261.20 19.46 -43.54	213.44 15.02 -27.96	223.76 17.33 0.00	98.22 6.97 0.00	95.97 5.15 0.00	60.96 3.35 0.00
BAYONEEC___CTG7 323688	51.02 3.09 0.00	47.03 3.30 0.00	41.79 2.72 0.00	40.57 2.65 -0.12	41.29 2.61 0.00	44.82 2.76 -0.03	52.88 2.88 0.00	55.63 2.94 0.00	56.88 2.81 0.00	55.14 3.11 0.00	61.98 3.60 0.00	64.08 4.25 0.00	98.64 7.01 0.00	201.19 15.04 -10.85	283.82 25.37 -5.99	860.31 67.14 -158.56	2181.28 12.56 -2036.28	1966.91 38.46 -1535.42	261.20 19.46 -43.54	213.44 15.02 -27.96	223.76 17.33 0.00	98.22 6.97 0.00	95.97 5.15 0.00	60.96 3.35 0.00

BAYONEEC___CTG8 323689	51.02 3.09 0.00	47.03 3.30 0.00	41.79 2.72 0.00	40.57 2.65 -0.12	41.29 2.61 0.00	44.82 2.76 -0.03	52.88 2.88 0.00	55.63 2.94 0.00	56.88 2.81 0.00	55.14 3.11 0.00	61.98 3.60 0.00	64.08 4.25 0.00	98.64 7.01 0.00	201.19 15.04 -10.85	283.82 25.37 -5.99	860.31 67.14 -158.56	2181.28 12.56 -2036.28	1966.91 38.46 -1535.42	261.20 19.46 -43.54	213.44 15.02 -27.96	223.76 17.33 0.00	98.22 6.97 0.00	95.97 5.15 0.00	60.96 3.35 0.00
BAYONEEC___CTG9 323749	51.02 3.09 0.00	47.03 3.30 0.00	41.79 2.72 0.00	40.57 2.65 -0.12	41.29 2.61 0.00	44.82 2.76 -0.03	52.88 2.88 0.00	55.63 2.94 0.00	56.88 2.81 0.00	55.14 3.11 0.00	61.98 3.60 0.00	64.08 4.25 0.00	98.64 7.01 0.00	201.19 15.04 -10.85	283.82 25.37 -5.99	860.31 67.14 -158.56	2181.28 12.56 -2036.28	1966.91 38.46 -1535.42	261.20 19.46 -43.54	213.44 15.02 -27.96	223.76 17.33 0.00	98.22 6.97 0.00	95.97 5.15 0.00	60.96 3.35 0.00
BEACON___LESR 323632	48.72 0.79 0.00	44.79 1.05 0.00	39.97 0.90 0.00	38.78 0.98 0.00	39.67 0.99 0.00	43.08 1.06 0.00	50.87 0.86 0.00	53.52 0.83 0.00	54.64 0.57 0.00	52.78 0.74 0.00	59.14 0.76 0.00	60.56 0.73 0.00	92.92 1.29 0.00	171.20 2.95 7.05	259.36 7.07 0.18	661.24 26.76 0.14	148.78 6.12 -10.23	427.25 18.64 -15.58	211.32 10.22 -2.90	177.93 7.45 0.00	214.03 7.60 0.00	93.87 2.62 0.00	92.83 2.01 0.00	58.59 0.98 0.00
BEAVER RIVER___HYD 24048	51.52 2.15 -1.44	45.87 1.96 -0.17	40.32 1.24 0.00	38.79 0.99 0.00	40.04 1.36 0.00	43.42 1.26 -0.13	52.16 1.75 -0.40	54.23 1.54 0.00	55.23 1.15 0.00	53.50 1.40 -0.06	62.00 1.67 -1.96	63.26 1.40 -2.03	96.83 1.69 -3.51	179.40 1.13 -2.96	254.20 -0.10 -1.83	630.54 -7.27 -3.19	130.79 -1.64 0.00	391.49 -1.54 0.00	197.97 -0.23 0.00	171.96 1.49 0.00	211.12 4.49 -0.20	93.99 1.90 -0.84	92.91 1.87 -0.22	58.59 0.70 -0.29
BEEBEE_GT_13 23619	48.80 0.87 0.00	44.00 0.27 0.00	38.67 -0.41 0.00	37.43 -0.37 0.00	38.40 -0.27 0.00	41.99 -0.03 0.00	49.90 -0.11 0.00	52.31 -0.38 0.00	53.87 -0.21 0.00	52.07 0.04 0.00	59.31 0.93 0.00	61.16 1.32 0.00	94.21 2.59 0.00	179.59 4.29 0.00	258.63 6.16 0.00	638.60 3.98 0.00	135.06 1.00 -1.63	398.03 5.00 0.00	200.40 2.05 -0.15	173.30 2.83 0.00	208.86 2.43 0.00	91.93 0.68 0.00	91.54 0.72 0.00	58.42 0.82 0.00
BENSHRST_27_KV_BENSHRST_1 355998	51.59 3.65 0.00	47.63 3.90 0.00	42.34 3.27 0.00	41.08 3.16 -0.12	41.80 3.12 0.00	45.35 3.30 -0.03	53.31 3.31 0.00	56.22 3.54 0.00	57.51 3.44 0.00	55.79 3.75 0.00	62.61 4.24 0.00	64.71 4.88 0.00	99.61 7.98 0.00	203.00 16.84 -10.85	286.90 28.43 -6.00	722.96 74.09 -14.25	2032.88 12.82 -1887.62	1966.76 39.21 -1534.52	261.86 20.15 -43.51	214.45 16.06 -27.92	225.60 19.17 0.00	99.04 7.79 0.00	96.76 5.95 0.00	61.48 3.88 0.00
BETHLEHEM___GRP 23843	47.90 -0.03 0.00	44.09 0.36 0.00	39.41 0.33 0.00	38.26 0.46 0.00	39.12 0.44 0.00	42.39 0.37 0.00	50.06 0.06 0.00	52.62 -0.06 0.00	53.86 -0.22 0.00	52.01 -0.02 0.00	58.06 -0.31 0.00	59.64 -0.19 0.00	91.26 -0.37 0.00	168.48 -0.24 6.59	254.47 2.18 0.18	647.40 12.92 0.14	146.02 3.46 -10.13	418.71 10.54 -15.14	207.00 5.95 -2.85	174.32 3.85 0.00	209.88 3.45 0.00	92.18 0.93 0.00	91.15 0.34 0.00	57.67 0.06 0.00
BETHLEHEM___GS1 323560	47.90 -0.03 0.00	44.09 0.35 0.00	39.41 0.33 0.00	38.26 0.46 0.00	39.11 0.44 0.00	42.39 0.37 0.00	50.06 0.06 0.00	52.63 -0.06 0.00	53.87 -0.21 0.00	52.01 -0.03 0.00	58.07 -0.31 0.00	59.64 -0.19 0.00	91.26 -0.37 0.00	168.47 -0.24 6.59	254.47 2.18 0.18	647.40 12.91 0.14	146.06 3.49 -10.13	418.78 10.61 -15.14	207.04 5.99 -2.85	174.34 3.88 0.00	209.87 3.45 0.00	92.19 0.93 0.00	91.15 0.34 0.00	57.66 0.06 0.00
BETHLEHEM___GS2 323561	47.90 -0.03 0.00	44.09 0.35 0.00	39.41 0.33 0.00	38.26 0.46 0.00	39.11 0.44 0.00	42.39 0.37 0.00	50.06 0.06 0.00	52.63 -0.06 0.00	53.87 -0.21 0.00	52.01 -0.03 0.00	58.07 -0.31 0.00	59.64 -0.19 0.00	91.26 -0.37 0.00	168.47 -0.24 6.59	254.47 2.18 0.18	647.40 12.91 0.14	146.06 3.49 -10.13	418.78 10.61 -15.14	207.04 5.99 -2.85	174.34 3.88 0.00	209.87 3.45 0.00	92.19 0.93 0.00	91.15 0.34 0.00	57.66 0.06 0.00
BETHLEHEM___GS3 323562	47.90 -0.03 0.00	44.09 0.35 0.00	39.41 0.33 0.00	38.26 0.46 0.00	39.11 0.44 0.00	42.39 0.37 0.00	50.06 0.06 0.00	52.63 -0.06 0.00	53.87 -0.21 0.00	52.01 -0.03 0.00	58.07 -0.31 0.00	59.64 -0.19 0.00	91.26 -0.37 0.00	168.47 -0.24 6.59	254.47 2.18 0.18	647.40 12.91 0.14	146.06 3.49 -10.13	418.78 10.61 -15.14	207.04 5.99 -2.85	174.34 3.88 0.00	209.87 3.45 0.00	92.19 0.93 0.00	91.15 0.34 0.00	57.66 0.06 0.00
BETHLEHEM___STEEL 23779	48.09 0.16 0.00	43.10 -0.63 0.00	37.58 -1.49 0.00	36.41 -1.39 0.00	37.42 -1.26 0.00	41.10 -0.93 0.00	48.76 -1.25 0.00	50.80 -1.88 0.00	52.22 -1.85 0.00	50.22 -1.65 0.16	57.95 -0.43 0.00	59.95 0.11 0.00	92.70 1.08 0.00	176.64 1.33 0.00	255.19 2.72 0.00	622.61 -12.01 0.00	131.24 -2.24 -1.05	383.35 -3.52 6.16	192.97 -3.77 1.46	168.90 -1.58 0.00	203.70 -2.73 0.00	89.85 -1.40 0.00	89.93 -0.89 0.00	57.84 0.23 0.00
BETHLHEM_115KV_TB1 79974	48.05 0.12 0.00	44.22 0.48 0.00	39.52 0.45 0.00	38.36 0.56 0.00	39.22 0.54 0.00	42.51 0.49 0.00	50.20 0.20 0.00	52.78 0.09 0.00	54.02 -0.06 0.00	52.16 0.12 0.00	58.23 -0.15 0.00	59.83 0.00 0.00	91.55 -0.08 0.00	169.45 0.33 6.19	255.23 2.94 0.18	649.26 14.77 0.14	146.13 3.68 -10.03	419.08 11.26 -14.79	207.38 6.43 -2.75	174.72 4.26 0.00	210.40 3.98 0.00	92.43 1.18 0.00	91.42 0.60 0.00	57.85 0.24 0.00
BETHPAGE_CC_5 323564	51.20 3.27 0.00	47.50 3.77 0.00	41.99 2.92 0.00	40.64 2.72 -0.12	41.34 2.66 0.00	44.75 2.69 -0.03	52.57 2.57 0.00	54.79 2.11 0.00	52.35 1.87 3.60	34.99 2.22 19.27	50.66 2.70 10.43	54.59 3.35 8.59	94.42 5.64 2.85	188.52 12.41 -0.80	263.53 22.32 11.26	659.43 58.95 34.14	1062.46 11.03 -919.00	1607.44 35.26 -1179.15	259.93 18.43 -43.29	189.42 13.34 -5.61	151.57 14.77 69.63	67.65 6.01 29.62	122.92 3.84 -28.27	35.16 2.42 24.87
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	48.16 0.22 0.00	43.16 -0.57 0.00	37.65 -1.42 0.00	36.47 -1.33 0.00	37.48 -1.19 0.00	41.17 -0.85 0.00	48.87 -1.14 0.00	50.94 -1.74 0.00	52.39 -1.69 0.00	50.39 -1.49 0.16	58.12 -0.25 0.00	60.11 0.27 0.00	92.94 1.32 0.00	177.16 1.85 0.00	256.11 3.64 0.00	625.10 -9.52 0.00	131.73 -1.81 -1.11	385.10 -1.99 5.94	193.68 -3.11 1.41	169.52 -0.95 0.00	204.37 -2.05 0.00	90.11 -1.14 0.00	90.13 -0.69 0.00	57.93 0.33 0.00
BINGHAMTON___COGEN 23790	48.32 0.39 0.00	44.00 0.26 0.00	39.09 0.01 0.00	37.91 0.11 0.00	38.86 0.19 0.00	42.39 0.37 0.00	50.24 0.24 0.00	52.88 0.19 0.00	54.25 0.18 0.00	52.27 0.23 0.00	58.99 0.61 0.00	60.60 0.76 0.00	93.07 1.44 0.00	180.05 3.17 -1.57	259.72 7.04 -0.22	647.22 12.44 -0.16	123.17 2.54 11.80	391.00 11.66 13.70	203.50 4.71 -0.58	175.35 4.88 0.00	211.37 4.95 0.00	93.11 1.87 0.00	92.18 1.36 0.00	58.37 0.77 0.00

BIXINCNT_115KV_LOAD 355685	47.73 -0.20 0.00	42.92 -0.81 0.00	37.45 -1.62 0.00	36.30 -1.50 0.00	37.45 -1.23 0.00	41.20 -0.82 0.00	49.05 -0.95 0.00	51.29 -1.40 0.00	52.81 -1.27 0.00	50.73 -1.17 0.14	58.16 -0.21 0.00	59.66 -0.17 0.00	92.30 0.68 0.00	177.07 1.76 0.00	257.51 5.04 0.00	626.37 -8.25 0.00	132.13 -1.68 -1.38	385.56 -2.45 5.02	192.79 -4.23 1.19	169.54 -0.93 0.00	204.92 -1.50 0.00	90.40 -0.85 0.00	90.19 -0.62 0.00	57.96 0.36 0.00
BLACK RIVER___HYD 24047	53.22 2.69 -2.59	46.57 2.53 -0.30	40.61 1.53 0.00	39.04 1.25 0.00	40.35 1.68 0.00	43.99 1.73 -0.24	52.92 2.19 -0.73	54.65 1.97 0.00	55.82 1.74 0.00	54.18 2.04 -0.11	64.21 2.31 -3.53	65.67 2.17 -3.67	101.04 3.08 -6.34	183.79 3.14 -5.34	257.87 2.10 -3.30	634.81 -5.56 -5.76	132.12 -1.07 -0.76	396.79 3.76 0.00	200.33 2.13 0.00	174.81 4.34 0.00	215.20 8.42 -0.36	96.11 3.33 -1.52	94.38 3.16 -0.40	59.44 1.32 -0.52
BLACKRVR_115KV_TB2 79977	53.22 2.69 -2.59	46.57 2.53 -0.30	40.61 1.53 0.00	39.04 1.25 0.00	40.35 1.68 0.00	43.99 1.73 -0.24	52.92 2.19 -0.73	54.66 1.97 0.00	55.82 1.74 0.00	54.18 2.04 -0.11	64.21 2.31 -3.53	65.67 2.18 -3.67	101.05 3.08 -6.34	183.79 3.15 -5.34	257.86 2.10 -3.30	634.81 -5.56 -5.76	132.11 -1.07 -0.76	396.79 3.76 0.00	200.34 2.13 0.00	174.81 4.34 0.00	215.21 8.42 -0.36	96.10 3.33 -1.52	94.37 3.16 -0.40	59.44 1.32 -0.52
BLDWN_LI_69_KV_BK4 356085	51.52 3.59 0.00	47.63 3.89 0.00	42.10 3.03 0.00	40.76 2.84 -0.12	41.48 2.80 0.00	44.91 2.86 -0.03	52.82 2.82 0.00	55.22 2.53 0.00	54.17 2.28 2.19	43.52 2.69 11.20	55.28 3.26 6.35	58.58 3.98 5.23	96.77 6.15 1.01	196.54 13.55 -7.69	271.41 24.05 5.10	755.59 63.48 -57.49	1710.18 12.04 -1565.71	1790.14 38.19 -1358.92	261.24 19.59 -43.44	199.31 14.49 -14.35	183.81 16.56 39.18	147.59 6.75 -49.58	171.79 4.70 -76.27	46.01 3.07 14.66
BLISS_WT_PWR 323608	47.55 -0.39 0.00	42.78 -0.95 0.00	37.30 -1.78 0.00	36.15 -1.65 0.00	37.32 -1.36 0.00	41.10 -0.93 0.00	48.97 -1.03 0.00	51.19 -1.49 0.00	52.71 -1.37 0.00	50.63 -1.26 0.14	58.05 -0.32 0.00	59.49 -0.35 0.00	92.04 0.41 0.00	176.93 1.62 0.00	257.36 4.89 0.00	625.52 -9.10 0.00	131.97 -1.83 -1.38	384.51 -3.50 5.02	191.99 -5.02 1.19	169.05 -1.42 0.00	204.47 -1.96 0.00	90.19 -1.06 0.00	90.00 -0.82 0.00	57.87 0.26 0.00
BLUESTONE___WT_PWR 323821	49.39 1.46 0.00	44.52 0.79 0.00	38.92 -0.16 0.00	37.77 -0.03 0.00	39.33 0.65 0.00	43.01 0.98 0.00	51.05 1.04 0.00	53.95 1.26 0.00	55.70 1.63 0.00	54.43 2.37 -0.02	61.45 3.07 0.00	62.93 3.10 0.00	96.46 4.84 0.00	185.40 8.53 -1.56	269.53 16.82 -0.24	676.58 41.78 -0.18	129.51 9.68 12.61	408.89 29.65 13.78	214.89 15.68 -1.01	185.79 15.32 0.00	224.03 17.61 0.00	98.60 7.35 0.00	97.31 6.50 0.00	61.27 3.67 0.00
BLUE_CIRC_CHEM_DRP 24182	47.94 0.01 0.00	44.61 0.87 0.00	39.89 0.82 0.00	38.70 0.91 0.00	39.57 0.89 0.00	42.95 0.92 0.00	50.71 0.71 0.00	53.31 0.62 0.00	54.49 0.41 0.00	52.36 0.32 0.00	57.87 -0.51 0.00	59.18 -0.66 0.00	90.26 -1.36 0.00	169.31 -1.96 4.04	251.93 -0.54 0.00	639.74 5.12 0.00	137.89 1.52 -3.94	407.70 5.72 -8.96	204.51 3.88 -2.43	172.91 2.45 0.00	208.25 1.83 0.00	91.57 0.32 0.00	90.69 -0.13 0.00	57.79 0.19 0.00
BOC_GAS_DRP 24189	48.40 0.46 0.00	44.51 0.78 0.00	39.77 0.70 0.00	38.59 0.79 0.00	39.45 0.77 0.00	42.80 0.77 0.00	50.54 0.54 0.00	53.11 0.42 0.00	54.37 0.29 0.00	52.47 0.43 0.00	58.64 0.27 0.00	60.26 0.42 0.00	92.20 0.58 0.00	173.00 1.62 3.93	256.82 4.52 0.17	651.21 16.72 0.13	145.81 3.92 -9.46	418.06 12.39 -12.64	207.37 6.97 -2.19	175.49 5.02 0.00	211.42 4.99 0.00	92.96 1.70 0.00	91.95 1.14 0.00	58.27 0.66 0.00
BOONVILLE_115KV_TB1 79983	49.75 1.81 0.00	45.39 1.66 0.00	40.26 1.19 0.00	38.86 1.06 0.00	39.93 1.25 0.00	43.28 1.25 0.00	51.60 1.60 0.00	54.25 1.56 0.00	55.39 1.31 0.00	53.50 1.46 0.00	60.14 1.76 0.00	61.50 1.66 0.00	93.83 2.20 0.00	179.21 3.90 0.00	258.35 5.88 0.00	645.99 11.37 0.00	135.00 2.57 0.00	402.69 9.66 0.00	203.67 5.47 0.00	175.90 5.43 0.00	213.74 7.31 0.00	94.27 3.02 0.00	93.51 2.69 0.00	58.94 1.33 0.00
BORALEX_4TH_BRANCH 23824	49.61 1.67 0.00	45.88 2.14 0.00	40.88 1.80 0.00	39.65 1.85 0.00	40.53 1.85 0.00	44.02 2.00 0.00	51.88 1.88 0.00	54.49 1.80 0.00	55.76 1.68 0.00	53.91 1.88 0.00	59.97 1.59 0.00	61.37 1.54 0.00	93.83 2.20 0.00	159.68 3.24 18.86	260.12 7.88 0.23	663.97 29.52 0.17	152.29 6.63 -13.23	438.37 22.97 -22.36	216.33 14.47 -3.66	181.16 10.69 0.00	218.39 11.96 0.00	95.70 4.45 0.00	94.67 3.86 0.00	59.84 2.24 0.00
BOWLINE___1 23526	50.35 2.41 0.00	46.34 2.61 0.00	41.20 2.13 0.00	40.03 2.13 -0.10	40.78 2.10 0.00	44.21 2.20 0.01	52.19 2.18 0.00	54.82 2.13 0.00	56.05 1.97 0.00	54.29 2.26 0.00	61.00 2.62 0.00	63.04 3.21 0.00	96.97 5.35 0.00	197.43 11.73 -10.39	276.97 20.44 -4.06	647.55 55.54 42.61	-24.25 10.88 167.56	241.12 33.76 185.67	184.43 17.28 31.05	136.60 13.12 46.99	221.15 14.72 0.00	97.12 5.87 0.00	95.18 4.36 0.00	60.32 2.71 0.00
BOWLINE___2 23595	50.27 2.33 0.00	46.29 2.55 0.00	41.16 2.09 0.00	40.02 2.12 -0.10	40.77 2.09 0.00	44.18 2.16 0.01	52.12 2.12 0.00	54.74 2.06 0.00	55.96 1.88 0.00	54.20 2.17 0.00	60.91 2.53 0.00	62.94 3.11 0.00	96.80 5.18 0.00	197.11 11.41 -10.39	276.52 20.00 -4.06	646.55 54.66 42.73	-22.22 10.71 165.36	242.48 33.29 183.83	184.18 17.05 31.08	136.35 12.89 47.01	220.79 14.36 0.00	96.97 5.72 0.00	95.03 4.21 0.00	60.21 2.60 0.00
BRADY___115KV_TB2 356060	49.14 1.21 0.00	44.61 0.88 0.00	39.93 0.86 0.00	38.51 0.72 0.00	39.47 0.79 0.00	42.95 0.93 0.00	51.66 1.66 0.00	54.39 1.70 0.00	55.83 1.75 0.00	53.61 1.57 0.00	60.09 1.71 0.00	60.99 1.16 0.00	93.26 1.64 0.00	177.00 1.69 0.00	251.19 -1.28 0.00	627.55 -7.07 0.00	129.41 -3.02 0.00	381.80 -11.23 0.00	191.31 -6.89 0.00	166.67 -3.80 0.00	206.00 -0.42 0.00	92.08 0.83 0.00	92.44 1.62 0.00	58.88 1.28 0.00
BRANSCOMB___SOLAR 323811	50.06 2.13 0.00	46.07 2.33 0.00	41.06 1.99 0.00	39.82 2.02 0.00	40.72 2.04 0.00	44.26 2.24 0.00	52.39 2.39 0.00	55.01 2.33 0.00	56.35 2.27 0.00	54.24 2.20 0.00	60.55 2.17 0.00	61.96 2.12 0.00	94.56 2.94 0.00	171.34 5.28 9.24	262.75 10.46 0.18	671.84 37.35 0.13	151.04 8.53 -10.08	436.13 27.64 -15.47	218.51 15.98 -4.33	182.74 12.27 0.00	220.27 13.85 0.00	96.67 5.42 0.00	95.46 4.64 0.00	60.27 2.67 0.00
BRDGHMPT_69_KV_BK1 55812	52.44 4.51 0.00	48.22 4.49 0.00	42.18 3.11 0.00	40.57 2.66 -0.12	41.17 2.50 0.00	44.71 2.66 -0.03	52.42 2.42 0.00	55.34 2.65 0.00	51.94 2.28 4.42	30.85 2.69 23.88	48.55 2.98 12.80	52.89 3.61 10.55	92.32 6.14 5.45	182.57 12.54 5.27	260.49 23.34 15.32	602.12 54.69 87.19	688.42 8.76 -547.23	1475.69 29.89 -1052.76	260.06 18.84 -43.01	184.51 14.85 0.81	135.82 15.71 86.32	31.94 6.32 65.63	95.39 3.67 -0.90	30.08 3.21 30.73

BRENTWOD_69_KV_W. BRTWOOD 56703	51.55 3.62 0.00	47.85 4.12 0.00	42.26 3.19 0.00	40.84 2.92 -0.12	41.53 2.85 0.00	44.90 2.84 -0.03	52.60 2.59 0.00	54.76 2.08 0.00	51.44 1.69 4.34	30.96 2.34 23.42	48.59 2.78 12.57	52.93 3.45 10.36	91.21 5.89 6.30	179.99 11.22 6.53	257.30 20.21 15.38	602.50 51.25 83.37	722.66 9.33 -580.90	1487.52 31.68 -1062.81	258.64 17.55 -42.90	182.16 12.62 0.93	136.43 14.59 84.59	36.26 5.93 60.91	97.65 3.06 -3.78	30.02 2.57 30.15
BRISTLHL_115KV_TB1 79998	53.97 -0.42 -6.46	43.96 -0.53 -0.76	38.43 -0.65 0.00	37.19 -0.61 0.00	38.11 -0.57 0.00	42.07 -0.55 -0.59	51.13 -0.69 -1.82	52.06 -0.62 0.00	53.42 -0.66 0.00	51.75 -0.56 -0.27	66.50 -0.66 -8.78	68.41 -0.55 -9.12	106.78 -0.62 -15.77	187.43 -1.18 -13.30	259.51 -1.16 -8.20	642.15 -6.80 -14.33	132.50 -1.08 -1.15	391.57 -1.46 0.00	197.58 -0.62 0.00	170.14 -0.33 0.00	206.47 -0.84 -0.88	94.28 -0.76 -3.79	90.82 -0.99 -0.99	58.18 -0.72 -1.29
BROOKHAVEN___DRP 24191	51.04 3.11 0.00	47.29 3.56 0.00	41.71 2.63 0.00	40.24 2.32 -0.12	40.90 2.23 0.00	44.25 2.20 -0.03	51.89 1.89 0.00	54.16 1.47 0.00	50.77 1.11 4.42	29.89 1.74 23.89	47.56 2.00 12.81	51.92 2.64 10.56	90.79 4.56 5.39	180.14 10.01 5.18	255.96 18.79 15.29	591.82 44.42 87.22	685.97 6.93 -546.60	1471.37 25.67 -1052.68	257.20 15.98 -43.02	181.94 12.25 0.78	132.99 12.93 86.36	30.71 5.20 65.74	94.13 2.42 -0.90	28.96 2.10 30.75
BROOKLYN_NAVY_YARD 23515	51.06 3.12 0.00	47.03 3.29 0.00	41.79 2.72 0.00	40.58 2.66 -0.12	41.32 2.64 0.00	44.85 2.79 -0.03	52.93 2.93 0.00	55.68 2.99 0.00	56.95 2.87 0.00	55.22 3.19 0.00	62.05 3.67 0.00	64.20 4.36 0.00	98.89 7.22 -0.05	203.89 15.36 -13.22	288.24 25.80 -9.97	893.25 68.55 -190.08	2684.76 12.94 -2539.39	2273.34 39.44 -1840.88	261.62 19.88 -43.54	215.05 15.35 -29.23	228.39 17.67 -4.30	-0.77 7.00 99.02	-66.66 5.21 162.69	61.00 3.40 0.00
BROOKLYN___ARMY_DRP 323595	51.19 3.26 0.00	47.30 3.56 0.00	42.06 2.98 0.00	40.81 2.89 -0.12	41.53 2.85 0.00	45.06 3.01 -0.03	52.95 2.94 0.00	55.84 3.15 0.00	57.10 3.02 0.00	55.37 3.33 0.00	62.10 3.73 0.00	64.16 4.33 0.00	98.70 7.08 0.00	201.18 15.03 -10.85	284.19 25.73 -6.00	710.67 67.52 -8.53	2013.61 11.50 -1869.68	1962.93 35.38 -1534.52	259.98 18.27 -43.51	212.86 14.47 -27.92	223.64 17.22 0.00	98.19 6.94 0.00	95.94 5.12 0.00	61.01 3.40 0.00
BROOME_2_LFGE 323671	48.33 0.39 0.00	44.00 0.27 0.00	39.09 0.01 0.00	37.91 0.11 0.00	38.87 0.19 0.00	42.38 0.36 0.00	50.24 0.24 0.00	52.89 0.20 0.00	54.25 0.18 0.00	52.26 0.23 0.00	58.98 0.60 0.00	60.60 0.76 0.00	93.06 1.44 0.00	180.04 3.16 -1.57	259.72 7.03 -0.22	647.21 12.42 -0.16	123.17 2.54 11.80	391.00 11.66 13.70	203.49 4.70 -0.58	175.34 4.87 0.00	211.39 4.96 0.00	93.10 1.85 0.00	92.18 1.36 0.00	58.38 0.77 0.00
BROOME___LFGE 323600	48.33 0.39 0.00	44.00 0.27 0.00	39.09 0.01 0.00	37.91 0.11 0.00	38.87 0.19 0.00	42.38 0.36 0.00	50.24 0.24 0.00	52.89 0.20 0.00	54.25 0.18 0.00	52.26 0.23 0.00	58.98 0.60 0.00	60.60 0.76 0.00	93.06 1.44 0.00	180.04 3.16 -1.57	259.72 7.03 -0.22	647.21 12.42 -0.16	123.17 2.54 11.80	391.00 11.66 13.70	203.49 4.70 -0.58	175.34 4.87 0.00	211.39 4.96 0.00	93.10 1.85 0.00	92.18 1.36 0.00	58.38 0.77 0.00
BROWNFLS_115KV_TB_3_5 80003	50.47 1.56 -0.98	45.18 1.33 -0.11	39.99 0.92 0.00	38.51 0.71 0.00	39.62 0.95 0.00	43.04 0.93 -0.09	51.77 1.49 -0.27	54.09 1.41 0.00	55.28 1.20 0.00	53.35 1.27 -0.04	61.19 1.49 -1.32	62.32 1.11 -1.37	95.25 1.26 -2.37	177.91 0.60 -2.00	252.11 -1.59 -1.24	627.03 -9.74 -2.16	129.56 -2.87 0.00	384.86 -8.17 0.00	193.70 -4.50 0.00	168.33 -2.14 0.00	207.28 0.72 -0.13	92.73 0.91 -0.57	92.31 1.34 -0.15	58.47 0.67 -0.19
BROWNSV1_27_KV_LOAD 356125	51.95 4.01 0.00	47.78 4.04 0.00	42.45 3.37 0.00	41.19 3.27 -0.12	41.87 3.20 0.00	45.39 3.34 -0.03	53.59 3.59 0.00	56.41 3.72 0.00	57.69 3.62 0.00	55.96 3.92 0.00	62.95 4.57 0.00	65.13 5.30 0.00	100.18 8.55 0.00	204.32 18.17 -10.85	288.58 30.13 -5.99	891.49 78.56 -178.31	2632.50 15.17 -2484.90	2241.73 45.83 -1802.86	264.74 23.00 -43.54	216.46 18.04 -27.96	227.28 20.85 0.00	99.72 8.47 0.00	97.47 6.66 0.00	61.85 4.24 0.00
BURROWS___LYONSDAL 23803	50.47 1.86 -0.67	45.52 1.71 -0.08	40.24 1.16 0.00	38.80 1.01 0.00	39.92 1.25 0.00	43.28 1.19 -0.06	51.75 1.56 -0.19	54.14 1.45 0.00	55.20 1.12 0.00	53.38 1.32 -0.03	60.91 1.62 -0.91	62.26 1.48 -0.95	95.12 1.86 -1.64	179.39 2.70 -1.39	257.12 3.79 -0.86	641.48 5.37 -1.49	133.76 1.33 0.00	399.31 6.28 0.00	202.10 3.90 0.00	174.76 4.29 0.00	212.84 6.32 -0.09	94.20 2.55 -0.39	93.22 2.30 -0.10	58.78 1.04 -0.13
CAITHNESS_CC_1 323624	50.98 3.04 0.00	47.26 3.52 0.00	41.70 2.63 0.00	40.25 2.33 -0.12	40.92 2.24 0.00	44.25 2.20 -0.03	51.89 1.89 0.00	54.09 1.41 0.00	50.73 1.08 4.42	29.80 1.66 23.90	47.51 1.95 12.82	51.86 2.59 10.57	90.79 4.50 5.34	180.01 9.78 5.08	255.64 18.45 15.27	591.41 44.04 87.25	685.35 6.94 -545.98	1471.51 25.88 -1052.60	257.26 16.03 -43.03	181.63 11.90 0.74	132.54 12.51 86.40	30.62 5.22 65.85	93.98 2.27 -0.89	28.78 1.94 30.76
CALPINE BETH_PAGE_GT4 24209	51.23 3.30 0.00	47.59 3.85 0.00	42.07 2.99 0.00	40.72 2.79 -0.12	41.41 2.73 0.00	44.84 2.79 -0.03	52.67 2.67 0.00	54.87 2.18 0.00	52.78 1.93 3.23	37.15 2.33 17.22	51.86 2.85 9.37	55.63 3.51 7.72	95.93 5.84 1.54	192.01 12.87 -3.83	266.20 23.02 9.29	685.18 60.62 10.05	1230.00 11.43 -1086.13	1666.83 36.33 -1237.47	260.42 18.78 -43.44	192.81 13.72 -8.63	159.64 15.32 62.11	84.34 6.11 13.03	136.63 4.09 -41.73	37.95 2.61 22.26
CALPINE_BETH_PAGE_GT_4 323586	51.23 3.29 0.00	47.59 3.85 0.00	42.07 2.99 0.00	40.72 2.79 -0.12	41.41 2.73 0.00	44.84 2.78 -0.03	52.67 2.67 0.00	54.86 2.17 0.00	52.78 1.94 3.23	37.13 2.31 17.22	51.85 2.84 9.37	55.61 3.50 7.72	95.93 5.84 1.54	191.99 12.85 -3.83	266.16 22.98 9.29	685.13 60.57 10.05	1229.96 11.39 -1086.13	1666.76 36.26 -1237.47	260.50 18.86 -43.44	192.81 13.72 -8.63	159.59 15.27 62.11	84.45 6.23 13.03	136.58 4.04 -41.73	37.89 2.55 22.26
CALPINE_BP_GT1 23823	51.23 3.29 0.00	47.59 3.85 0.00	42.07 2.99 0.00	40.72 2.79 -0.12	41.41 2.73 0.00	44.84 2.78 -0.03	52.67 2.67 0.00	54.86 2.17 0.00	52.78 1.94 3.23	37.13 2.31 17.22	51.85 2.84 9.37	55.61 3.50 7.72	95.93 5.84 1.54	191.99 12.85 -3.83	266.16 22.98 9.29	685.13 60.57 10.05	1229.96 11.39 -1086.13	1666.76 36.26 -1237.47	260.50 18.86 -43.44	192.81 13.72 -8.63	159.59 15.27 62.11	84.45 6.23 13.03	136.58 4.04 -41.73	37.89 2.55 22.26
CALSPAN___DRP 24200	48.09 0.16 0.00	43.10 -0.63 0.00	37.58 -1.49 0.00	36.41 -1.39 0.00	37.42 -1.26 0.00	41.10 -0.93 0.00	48.76 -1.25 0.00	50.80 -1.88 0.00	52.22 -1.85 0.00	50.22 -1.65 0.16	57.95 -0.43 0.00	59.95 0.11 0.00	92.70 1.08 0.00	176.64 1.33 0.00	255.19 2.72 0.00	622.61 -12.01 0.00	131.24 -2.24 -1.05	383.35 -3.52 6.16	192.97 -3.77 1.46	168.90 -1.58 0.00	203.70 -2.73 0.00	89.85 -1.40 0.00	89.93 -0.89 0.00	57.84 0.23 0.00

CALVERTON___SOLAR 323806	51.18 3.25 0.00	47.39 3.66 0.00	41.75 2.68 0.00	40.27 2.35 -0.12	40.93 2.26 0.00	44.29 2.24 -0.03	51.94 1.94 0.00	54.25 1.56 0.00	50.90 1.24 4.42	29.95 1.79 23.88	47.66 2.09 12.81	52.00 2.72 10.56	90.93 4.72 5.42	180.38 10.28 5.21	256.55 19.39 15.30	593.34 45.94 87.22	686.23 7.02 -546.78	1471.65 25.93 -1052.69	257.71 16.49 -43.02	182.42 12.74 0.79	133.43 13.35 86.35	31.08 5.53 65.70	94.27 2.56 -0.89	29.04 2.18 30.74
CANDIGU_WT_PWR 323617	47.16 -0.77 0.00	42.79 -0.94 0.00	37.68 -1.40 0.00	36.41 -1.38 0.00	37.43 -1.25 0.00	41.34 -0.69 0.00	49.06 -0.94 0.00	51.17 -1.52 0.00	52.39 -1.68 0.00	49.55 -1.61 0.87	57.34 -1.04 0.00	58.99 -0.85 0.00	90.95 -0.68 0.00	175.50 0.20 0.00	256.23 3.61 -0.15	627.92 -6.81 -0.11	116.18 -1.73 14.52	341.67 -2.74 48.62	186.01 -3.24 8.94	170.31 -0.16 0.00	206.57 0.14 0.00	91.55 0.30 0.00	90.87 0.06 0.00	57.67 0.06 0.00
CARR STREET_E_SYR 24060	47.85 -0.08 0.00	43.56 -0.17 0.00	38.73 -0.34 0.00	37.50 -0.30 0.00	38.42 -0.25 0.00	41.83 -0.19 0.00	49.72 -0.28 0.00	52.42 -0.27 0.00	53.82 -0.25 0.00	51.91 -0.13 0.00	58.36 -0.02 0.00	59.98 0.14 0.00	91.99 0.36 0.00	176.14 0.84 0.00	254.59 2.13 0.00	636.41 1.79 0.00	134.45 0.67 -1.35	396.81 3.78 0.00	200.07 1.87 0.00	172.33 1.86 0.00	208.00 1.58 0.00	91.57 0.31 0.00	90.89 0.07 0.00	57.50 -0.10 0.00
CARTHAGE___PAPER 23857	52.75 2.67 -2.15	46.45 2.46 -0.25	40.67 1.60 0.00	39.12 1.33 0.00	40.40 1.72 0.00	43.94 1.72 -0.20	52.89 2.28 -0.60	54.77 2.09 0.00	55.87 1.80 0.00	54.15 2.02 -0.09	63.64 2.34 -2.92	64.96 2.09 -3.03	99.69 2.82 -5.24	182.75 3.02 -4.42	257.04 1.85 -2.73	635.74 -3.64 -4.77	131.48 -0.95 0.00	395.42 2.39 0.00	199.76 1.55 0.00	174.07 3.60 0.00	214.18 7.46 -0.29	95.61 3.10 -1.26	94.18 3.03 -0.33	59.37 1.33 -0.43
CASSADAGA_WT_PWR 323784	47.78 -0.16 0.00	42.74 -0.99 0.00	37.85 -1.22 0.00	36.94 -0.86 0.00	37.90 -0.77 0.00	41.52 -0.50 0.00	49.58 -0.42 0.00	52.49 -0.20 0.00	53.76 -0.32 0.00	51.57 -0.33 0.14	59.43 1.05 0.00	61.57 1.74 0.00	95.85 4.22 0.00	183.03 7.72 0.00	265.97 13.51 0.00	645.65 11.03 0.00	135.58 1.80 -1.35	394.93 6.89 4.99	196.71 -0.31 1.18	173.34 2.87 0.00	209.83 3.40 0.00	92.22 0.97 0.00	92.28 1.47 0.00	58.96 1.35 0.00
CE_DUNWOOD___DRP 24194	50.73 2.80 0.00	46.73 3.00 0.00	41.53 2.45 0.00	40.34 2.42 -0.12	41.07 2.39 0.00	44.57 2.52 -0.03	52.60 2.59 0.00	55.27 2.59 0.00	56.50 2.42 0.00	54.76 2.72 0.00	61.53 3.15 0.00	63.57 3.74 0.00	97.81 6.18 0.00	199.45 13.31 -10.84	280.84 22.81 -5.57	875.17 61.47 -179.08	2667.88 12.02 -2523.43	2267.97 37.09 -1837.86	261.97 18.95 -44.82	214.98 14.58 -29.94	222.86 16.44 0.00	97.79 6.54 0.00	95.70 4.89 0.00	60.67 3.07 0.00
CE_MILLWOOD___DRP 24193	50.58 2.64 0.00	46.59 2.85 0.00	41.40 2.33 0.00	40.22 2.30 -0.12	40.95 2.27 0.00	44.44 2.39 -0.03	52.44 2.44 0.00	55.10 2.41 0.00	56.34 2.26 0.00	54.59 2.55 0.00	61.33 2.95 0.00	63.37 3.53 0.00	97.46 5.84 0.00	198.71 12.61 -10.79	279.31 21.75 -5.09	863.01 58.92 -169.48	2841.06 11.53 -2697.10	2477.76 35.91 -2048.82	329.63 18.34 -113.08	338.42 14.08 -153.88	222.29 15.86 0.00	97.54 6.29 0.00	95.52 4.71 0.00	60.54 2.94 0.00
CE_NYC2_DRP 24202	51.05 3.12 0.00	47.09 3.35 0.00	41.87 2.79 0.00	40.65 2.73 -0.12	41.37 2.69 0.00	44.91 2.85 -0.03	52.91 2.91 0.00	55.67 2.98 0.00	56.93 2.86 0.00	55.25 3.22 0.00	62.05 3.67 0.00	64.10 4.27 0.00	98.60 6.97 0.00	200.86 14.70 -10.85	283.41 24.95 -6.00	880.47 66.11 -179.74	2622.39 12.21 -2477.75	2232.53 37.54 -1801.96	260.72 19.01 -43.51	213.15 14.76 -27.92	223.56 17.13 0.00	98.03 6.78 0.00	95.80 4.98 0.00	60.93 3.32 0.00
CE_NYC_DRP 24195	51.14 3.21 0.00	47.13 3.40 0.00	41.88 2.80 0.00	40.64 2.72 -0.12	41.37 2.69 0.00	44.92 2.87 -0.03	53.01 3.01 0.00	55.79 3.10 0.00	57.04 2.96 0.00	55.31 3.27 0.00	62.18 3.80 0.00	64.31 4.47 0.00	98.98 7.36 0.00	201.89 15.73 -10.85	284.77 26.32 -5.98	882.33 69.40 -178.31	2630.78 13.23 -2485.12	2236.39 40.29 -1803.06	261.99 20.24 -43.54	214.11 15.67 -27.96	224.47 18.04 0.00	98.46 7.21 0.00	96.27 5.45 0.00	61.10 3.50 0.00
CHAFFEE___LFGE 323603	48.28 0.34 0.00	43.29 -0.44 0.00	37.77 -1.31 0.00	36.58 -1.22 0.00	37.58 -1.09 0.00	41.19 -0.84 0.00	49.00 -1.00 0.00	51.17 -1.51 0.00	52.58 -1.49 0.00	50.54 -1.35 0.15	58.29 -0.09 0.00	60.31 0.47 0.00	93.25 1.62 0.00	177.70 2.40 0.00	256.75 4.28 0.00	626.86 -7.76 0.00	132.42 -1.22 -1.21	387.08 -0.36 5.59	194.65 -2.23 1.33	170.23 -0.24 0.00	205.18 -1.25 0.00	90.39 -0.86 0.00	90.43 -0.39 0.00	58.07 0.47 0.00
CHATEAUG_35_KV_LOAD 355732	47.79 -0.15 0.00	43.47 -0.26 0.00	38.63 -0.45 0.00	37.29 -0.51 0.00	38.17 -0.51 0.00	41.59 -0.44 0.00	50.09 0.08 0.00	53.04 0.35 0.00	54.63 0.55 0.00	52.24 0.20 0.00	58.36 -0.02 0.00	59.43 -0.40 0.00	90.54 -1.08 0.00	171.86 -3.44 0.00	245.40 -7.07 0.00	612.70 -21.92 0.00	126.38 -6.05 0.00	373.56 -19.46 0.00	188.78 -9.42 0.00	163.76 -6.71 0.00	200.36 -6.07 0.00	89.71 -1.53 0.00	90.10 -0.72 0.00	57.42 -0.19 0.00
CHATEAUG_WT_PWR 323614	47.74 -0.19 0.00	43.43 -0.30 0.00	38.60 -0.48 0.00	37.27 -0.53 0.00	38.16 -0.52 0.00	41.56 -0.46 0.00	50.02 0.02 0.00	52.94 0.25 0.00	54.50 0.42 0.00	52.19 0.16 0.00	58.34 -0.04 0.00	59.43 -0.40 0.00	90.56 -1.06 0.00	171.89 -3.42 0.00	245.63 -6.84 0.00	613.28 -21.34 0.00	126.32 -6.11 0.00	373.72 -19.31 0.00	188.88 -9.32 0.00	163.60 -6.87 0.00	199.73 -6.70 0.00	89.43 -1.82 0.00	89.79 -1.02 0.00	57.27 -0.34 0.00
CHAT_HIGH_FALL_HYD 323578	47.79 -0.15 0.00	43.47 -0.26 0.00	38.63 -0.45 0.00	37.29 -0.51 0.00	38.17 -0.51 0.00	41.59 -0.44 0.00	50.09 0.08 0.00	53.04 0.35 0.00	54.63 0.55 0.00	52.24 0.20 0.00	58.36 -0.02 0.00	59.43 -0.40 0.00	90.54 -1.08 0.00	171.86 -3.44 0.00	245.40 -7.07 0.00	612.70 -21.92 0.00	126.38 -6.05 0.00	373.56 -19.46 0.00	188.78 -9.42 0.00	163.76 -6.71 0.00	200.36 -6.07 0.00	89.71 -1.53 0.00	90.10 -0.72 0.00	57.42 -0.19 0.00
CHAUTAUQUA___LFGE 323629	47.96 0.03 0.00	42.99 -0.75 0.00	37.82 -1.26 0.00	36.77 -1.02 0.00	37.77 -0.91 0.00	41.40 -0.62 0.00	49.19 -0.81 0.00	51.45 -1.24 0.00	52.76 -1.32 0.00	50.72 -1.18 0.14	58.53 0.15 0.00	60.65 0.82 0.00	94.04 2.41 0.00	179.63 4.33 0.00	260.71 8.24 0.00	633.17 -1.45 0.00	132.87 -0.82 -1.25	391.66 3.87 5.24	195.27 -1.69 1.24	171.81 1.34 0.00	207.57 1.15 0.00	91.50 0.25 0.00	91.48 0.66 0.00	58.53 0.93 0.00
CHERRYST_13_KV_LD 356241	51.32 3.39 0.00	47.29 3.55 0.00	42.02 2.94 0.00	40.78 2.86 -0.12	41.51 2.83 0.00	45.08 3.03 -0.03	53.23 3.22 0.00	56.03 3.34 0.00	57.31 3.23 0.00	55.60 3.56 0.00	62.49 4.11 0.00	64.64 4.81 0.00	99.50 7.88 0.00	202.91 16.76 -10.85	286.36 27.91 -5.98	886.06 73.12 -178.31	2631.52 13.99 -2485.09	2238.43 42.35 -1803.04	262.98 21.23 -43.54	214.86 16.43 -27.96	225.33 18.90 0.00	98.83 7.58 0.00	96.62 5.80 0.00	61.31 3.71 0.00

CHESTROR_138KV_BK263 355645	50.16 2.22 0.00	46.12 2.39 0.00	41.03 1.95 0.00	39.75 1.96 0.01	40.60 1.93 0.00	44.06 2.04 0.00	52.03 2.03 0.00	54.66 1.97 0.00	55.89 1.82 0.00	54.09 2.05 0.00	60.73 2.35 0.00	62.73 2.90 0.00	96.49 4.86 0.00	195.53 10.48 -9.74	273.51 18.42 -2.62	672.22 51.18 13.58	-218.04 10.37 360.84	84.16 32.90 341.77	195.30 16.83 19.72	148.21 12.68 34.94	220.54 14.11 0.00	96.81 5.56 0.00	95.06 4.24 0.00	60.20 2.59 0.00
CH_MIDHUDSON___DRP 24192	50.44 2.51 0.00	46.40 2.67 0.00	41.28 2.20 0.00	39.98 2.19 0.00	40.84 2.16 0.00	44.33 2.31 0.00	52.37 2.37 0.00	55.06 2.37 0.00	56.33 2.25 0.00	54.53 2.49 0.00	61.20 2.82 0.00	63.15 3.32 0.00	97.13 5.50 0.00	197.40 11.67 -10.42	272.66 20.19 0.00	691.58 56.97 0.00	143.54 11.83 0.72	459.38 36.76 -29.58	219.70 18.68 -2.82	184.92 14.45 0.00	222.47 16.04 0.00	97.55 6.30 0.00	95.67 4.85 0.00	60.56 2.95 0.00
CH_MISC_IPPS 23765	50.87 2.93 0.00	46.75 3.01 0.00	41.56 2.49 0.00	40.26 2.46 0.00	41.12 2.44 0.00	44.64 2.62 0.00	52.74 2.74 0.00	55.46 2.77 0.00	56.76 2.68 0.00	54.94 2.91 0.00	61.72 3.35 0.00	63.75 3.91 0.00	98.10 6.48 0.00	199.28 13.81 -10.16	275.92 23.25 -0.20	699.37 64.60 -0.15	133.77 13.42 12.08	446.70 41.82 -11.85	221.95 20.98 -2.77	186.63 16.17 0.00	224.36 17.94 0.00	98.44 7.18 0.00	96.51 5.69 0.00	61.05 3.44 0.00
CH_RES_BVR_FALLS 23983	47.68 -0.25 0.00	43.38 -0.36 0.00	38.81 -0.27 0.00	37.59 -0.21 0.00	38.47 -0.20 0.00	41.72 -0.30 0.00	49.83 -0.17 0.00	52.50 -0.19 0.00	53.82 -0.26 0.00	51.79 -0.25 0.00	58.07 -0.31 0.00	59.41 -0.43 0.00	90.83 -0.79 0.00	173.58 -1.73 0.00	249.06 -3.41 0.00	625.83 -8.79 0.00	130.40 -2.04 0.00	386.37 -6.66 0.00	195.03 -3.17 0.00	167.94 -2.53 0.00	204.07 -2.36 0.00	90.38 -0.87 0.00	90.19 -0.63 0.00	57.22 -0.39 0.00
CH_RES_NIAGARA 23895	47.04 -0.89 0.00	42.22 -1.52 0.00	36.72 -2.35 0.00	35.54 -2.25 0.00	36.51 -2.16 0.00	40.13 -1.89 0.00	47.36 -2.65 0.00	48.97 -3.72 0.00	50.41 -3.67 0.00	48.46 -3.45 0.12	56.04 -2.34 0.00	58.03 -1.80 0.00	89.62 -2.01 0.00	170.39 -4.91 0.00	244.97 -7.50 0.00	596.74 -37.88 0.00	126.08 -7.50 -1.14	367.43 -21.03 4.57	185.47 -11.65 1.09	161.73 -8.74 0.00	195.16 -11.27 0.00	86.07 -5.18 0.00	86.53 -4.29 0.00	55.99 -1.61 0.00
CH_RES_SYRACUSE 23985	50.68 0.17 -2.58	44.11 0.07 -0.30	38.95 -0.13 0.00	37.72 -0.08 0.00	38.65 -0.03 0.00	42.32 0.05 -0.24	50.75 0.03 -0.72	52.72 0.03 0.00	54.15 0.07 0.00	52.31 0.16 -0.11	62.16 0.28 -3.50	63.82 0.35 -3.64	98.51 0.59 -6.30	181.44 0.82 -5.30	257.71 1.97 -3.28	642.07 1.74 -5.72	134.34 0.43 -1.48	396.31 3.28 0.00	200.05 1.71 -0.14	172.20 1.74 0.00	208.57 1.79 -0.35	93.42 0.65 -1.51	91.84 0.63 -0.39	58.31 0.19 -0.52
CLINTON_WT_PWR 323605	47.74 -0.19 0.00	43.43 -0.30 0.00	38.60 -0.48 0.00	37.27 -0.53 0.00	38.16 -0.52 0.00	41.56 -0.46 0.00	50.02 0.02 0.00	52.94 0.25 0.00	54.50 0.42 0.00	52.19 0.16 0.00	58.34 -0.04 0.00	59.43 -0.40 0.00	90.56 -1.06 0.00	171.89 -3.42 0.00	245.63 -6.84 0.00	613.28 -21.34 0.00	126.32 -6.11 0.00	373.72 -19.31 0.00	188.88 -9.32 0.00	163.60 -6.87 0.00	199.73 -6.70 0.00	89.43 -1.82 0.00	89.79 -1.02 0.00	57.27 -0.34 0.00
CLINTON___LFGE 323618	48.26 0.32 0.00	43.92 0.18 0.00	39.01 -0.07 0.00	37.64 -0.15 0.00	38.52 -0.16 0.00	41.96 -0.07 0.00	50.56 0.56 0.00	53.55 0.86 0.00	55.15 1.07 0.00	52.83 0.79 0.00	58.85 0.47 0.00	59.83 -0.01 0.00	91.16 -0.46 0.00	172.41 -2.90 0.00	246.94 -5.53 0.00	617.46 -17.16 0.00	126.28 -6.15 0.00	374.41 -18.62 0.00	189.65 -8.55 0.00	164.25 -6.22 0.00	200.74 -5.69 0.00	89.92 -1.33 0.00	90.45 -0.37 0.00	57.74 0.14 0.00
COBBLENY_34_KV_TB1 80064	48.27 0.33 0.00	43.29 -0.45 0.00	37.76 -1.31 0.00	36.57 -1.22 0.00	37.58 -1.09 0.00	41.19 -0.84 0.00	48.98 -1.02 0.00	51.15 -1.54 0.00	52.59 -1.48 0.00	50.54 -1.35 0.15	58.29 -0.09 0.00	60.26 0.43 0.00	93.22 1.60 0.00	177.63 2.32 0.00	256.76 4.29 0.00	626.95 -7.67 0.00	132.35 -1.29 -1.21	387.06 -0.38 5.59	194.68 -2.19 1.33	170.24 -0.23 0.00	205.15 -1.28 0.00	90.43 -0.82 0.00	90.40 -0.41 0.00	58.06 0.45 0.00
COFFEEN___115KV_TB3 355620	53.68 3.07 -2.67	46.90 2.85 -0.31	40.89 1.82 0.00	39.34 1.54 0.00	40.64 1.97 0.00	44.33 2.06 -0.24	53.36 2.61 -0.75	55.08 2.39 0.00	56.34 2.26 0.00	54.68 2.54 -0.11	64.89 2.88 -3.63	66.37 2.75 -3.78	102.19 4.04 -6.53	185.52 4.71 -5.50	259.97 4.11 -3.40	638.38 -2.18 -5.94	132.74 -0.47 -0.77	399.43 6.40 0.00	201.51 3.30 0.00	176.19 5.72 0.00	217.53 10.73 -0.37	97.17 4.35 -1.57	95.36 4.13 -0.41	60.01 1.87 -0.53
COLDSPRG_115KV_BK1 355956	48.29 0.35 0.00	43.32 -0.41 0.00	38.39 -0.68 0.00	37.36 -0.43 0.00	38.38 -0.30 0.00	42.10 0.08 0.00	50.24 0.23 0.00	53.35 0.66 0.00	54.68 0.60 0.00	52.52 0.61 0.13	60.18 1.81 0.00	61.99 2.15 0.00	96.04 4.42 0.00	183.24 7.94 0.00	266.49 14.03 0.00	648.67 14.04 0.00	136.56 2.63 -1.49	397.28 8.85 4.60	198.46 1.34 1.09	174.52 4.04 0.00	210.46 4.03 0.00	92.78 1.53 0.00	92.43 1.61 0.00	59.14 1.53 0.00
COLONIE_LFGE___ 323577	49.29 1.36 0.00	45.40 1.66 0.00	40.48 1.41 0.00	39.26 1.47 0.00	40.14 1.46 0.00	43.57 1.54 0.00	51.50 1.50 0.00	54.10 1.41 0.00	55.42 1.34 0.00	53.50 1.47 0.00	59.71 1.33 0.00	61.25 1.42 0.00	93.62 1.99 0.00	168.00 3.64 10.95	260.28 8.00 0.19	662.88 28.40 0.14	149.75 6.40 -10.92	430.98 20.75 -17.20	214.43 12.27 -3.95	179.59 9.12 0.00	216.36 9.94 0.00	94.97 3.72 0.00	93.89 3.07 0.00	59.30 1.69 0.00
COOPERNY_115KV_TB1 80082	49.78 1.85 0.00	45.72 1.98 0.00	40.69 1.61 0.00	39.43 1.64 0.01	40.29 1.62 0.00	43.75 1.73 0.00	51.65 1.65 0.00	54.28 1.59 0.00	55.52 1.45 0.00	53.71 1.68 0.00	60.32 1.94 0.00	62.25 2.42 0.00	95.64 4.02 0.00	191.79 8.83 -7.65	269.44 15.56 -1.41	669.15 42.86 8.33	-75.51 8.70 216.64	230.54 27.93 190.42	202.13 14.32 10.39	161.55 10.91 19.82	218.35 11.92 0.00	95.95 4.70 0.00	94.37 3.55 0.00	59.77 2.16 0.00
COPENHAGEN_WT_PWR 323753	52.97 2.22 -2.81	46.24 2.18 -0.33	40.19 1.12 0.00	38.60 0.80 0.00	39.94 1.27 0.00	43.55 1.27 -0.26	52.34 1.54 -0.79	54.00 1.31 0.00	55.03 0.95 0.00	53.51 1.36 -0.12	63.68 1.48 -3.83	65.17 1.36 -3.98	100.37 1.88 -6.87	182.10 1.00 -5.79	255.12 -0.92 -3.58	628.03 -12.83 -6.24	130.92 -2.31 -0.79	393.06 0.04 0.00	198.57 0.37 0.00	172.85 2.38 0.00	212.35 5.53 -0.39	94.84 1.94 -1.65	93.12 1.87 -0.43	58.70 0.53 -0.56
CORNELL_____ 23752	49.08 1.14 0.00	44.67 0.93 0.00	39.65 0.57 0.00	38.41 0.61 0.00	39.38 0.70 0.00	42.95 0.93 0.00	50.99 0.98 0.00	53.58 0.89 0.00	54.94 0.86 0.00	53.12 1.04 -0.05	59.64 1.26 0.00	61.14 1.31 0.00	93.73 2.10 0.00	179.41 4.11 0.00	261.24 8.62 -0.15	654.09 19.35 -0.12	128.74 4.20 7.89	401.76 15.61 6.88	207.02 7.75 -1.08	178.34 7.87 0.00	215.11 8.68 0.00	94.79 3.54 0.00	93.90 3.09 0.00	59.23 1.63 0.00

CORONA V_69_KV_TB1 355595	51.46 3.52 0.00	47.50 3.76 0.00	42.09 3.01 0.00	40.76 2.85 -0.12	41.48 2.80 0.00	44.93 2.88 -0.03	52.87 2.87 0.00	55.30 2.62 0.00	56.06 2.42 0.44	53.78 2.81 1.07	60.52 3.41 1.27	62.94 4.15 1.05	98.35 6.84 0.11	205.01 14.72 -14.99	281.25 25.45 -3.33	875.58 67.10 -173.85	2516.48 12.90 -2371.15	2125.22 40.30 -1691.89	262.27 20.62 -43.44	213.87 15.47 -27.93	224.77 17.50 -0.84	402.43 7.19 -303.99	465.72 5.43 -369.48	58.93 3.19 1.87
CORTLAND_115KV_TB3 80093	48.66 0.72 0.00	44.34 0.61 0.00	39.40 0.33 0.00	38.17 0.37 0.00	39.12 0.44 0.00	42.64 0.61 0.00	50.64 0.64 0.00	53.28 0.59 0.00	54.62 0.54 0.00	52.75 0.70 -0.02	59.32 0.94 0.00	60.83 1.00 0.00	93.25 1.63 0.00	178.69 3.38 0.00	259.38 6.91 0.00	649.60 14.99 0.00	138.28 3.13 -2.72	407.48 12.16 -2.29	204.42 5.67 -0.55	176.19 5.72 0.00	212.64 6.21 0.00	93.74 2.49 0.00	92.86 2.04 0.00	58.65 1.04 0.00
COXSACKIE__GT 23611	50.07 2.13 0.00	46.00 2.27 0.00	41.04 1.97 0.00	39.79 2.00 0.00	40.73 2.05 0.00	44.24 2.22 0.00	52.36 2.35 0.00	55.22 2.53 0.00	56.64 2.56 0.00	54.30 2.27 0.00	59.92 1.54 0.00	61.29 1.46 0.00	94.12 2.50 0.00	178.02 5.04 2.33	263.91 11.44 0.00	682.47 47.85 0.00	140.49 9.54 1.48	429.57 29.26 -7.28	217.47 16.66 -2.61	183.91 13.44 0.00	220.89 14.46 0.00	97.00 5.75 0.00	95.73 4.91 0.00	60.39 2.78 0.00
CPV_VALLEY__CC1 323721	49.77 1.84 0.00	45.77 2.03 0.00	40.72 1.64 0.00	39.45 1.66 0.01	40.32 1.64 0.00	43.74 1.72 0.00	51.65 1.65 0.00	54.25 1.57 0.00	55.49 1.41 0.00	53.70 1.67 0.00	60.29 1.91 0.00	62.25 2.41 0.00	95.68 4.05 0.00	193.27 8.99 -8.98	270.39 16.15 -1.77	669.49 45.27 10.39	-130.53 9.03 271.99	181.30 29.10 240.84	199.84 14.95 13.31	156.69 11.15 24.93	218.57 12.14 0.00	96.01 4.76 0.00	94.29 3.47 0.00	59.73 2.12 0.00
CPV_VALLEY__CC2 323722	49.77 1.84 0.00	45.77 2.03 0.00	40.72 1.64 0.00	39.45 1.66 0.01	40.32 1.64 0.00	43.74 1.72 0.00	51.65 1.65 0.00	54.25 1.57 0.00	55.49 1.41 0.00	53.70 1.67 0.00	60.29 1.91 0.00	62.25 2.41 0.00	95.68 4.05 0.00	193.27 8.99 -8.98	270.39 16.15 -1.77	669.49 45.27 10.39	-130.53 9.03 271.99	181.30 29.10 240.84	199.84 14.95 13.31	156.69 11.15 24.93	218.57 12.14 0.00	96.01 4.76 0.00	94.29 3.47 0.00	59.73 2.12 0.00
CRESCENT__HYD 24018	49.29 1.36 0.00	45.40 1.66 0.00	40.48 1.41 0.00	39.26 1.47 0.00	40.14 1.46 0.00	43.57 1.54 0.00	51.50 1.50 0.00	54.10 1.41 0.00	55.42 1.34 0.00	53.50 1.47 0.00	59.71 1.33 0.00	61.25 1.42 0.00	93.62 1.99 0.00	168.00 3.64 10.95	260.28 8.00 0.19	662.88 28.40 0.14	149.75 6.40 -10.92	430.98 20.75 -17.20	214.43 12.27 -3.95	179.59 9.12 0.00	216.36 9.94 0.00	94.97 3.72 0.00	93.89 3.07 0.00	59.30 1.69 0.00
CRICKET__VALLEY_CC1 323756	49.51 1.57 0.00	45.64 1.90 0.00	40.60 1.53 0.00	39.36 1.56 0.00	40.21 1.53 0.00	43.62 1.60 0.00	51.57 1.57 0.00	54.19 1.50 0.00	55.46 1.38 0.00	53.69 1.66 0.00	60.09 1.71 0.00	61.87 2.03 0.00	95.03 3.40 0.00	62.41 7.24 120.15	265.84 13.94 0.56	680.20 41.94 -3.64	237.07 8.77 -95.87	541.23 28.90 -119.31	221.95 15.34 -8.40	191.07 11.93 -8.67	219.43 13.00 0.00	96.13 4.87 0.00	94.11 3.29 0.00	59.59 1.99 0.00
CRICKET__VALLEY_CC2 323757	49.51 1.57 0.00	45.64 1.90 0.00	40.60 1.53 0.00	39.36 1.56 0.00	40.21 1.53 0.00	43.62 1.60 0.00	51.57 1.57 0.00	54.19 1.50 0.00	55.46 1.38 0.00	53.69 1.66 0.00	60.09 1.71 0.00	61.87 2.03 0.00	95.03 3.40 0.00	62.41 7.24 120.15	265.84 13.94 0.56	680.20 41.94 -3.64	237.07 8.77 -95.87	541.23 28.90 -119.31	221.95 15.34 -8.40	191.07 11.93 -8.67	219.43 13.00 0.00	96.13 4.87 0.00	94.11 3.29 0.00	59.59 1.99 0.00
CRICKET__VALLEY_CC3 323758	49.51 1.57 0.00	45.64 1.90 0.00	40.60 1.53 0.00	39.36 1.56 0.00	40.21 1.53 0.00	43.62 1.60 0.00	51.57 1.57 0.00	54.19 1.50 0.00	55.46 1.38 0.00	53.69 1.66 0.00	60.09 1.71 0.00	61.87 2.03 0.00	95.03 3.40 0.00	62.41 7.24 120.15	265.84 13.94 0.56	680.20 41.94 -3.64	237.07 8.77 -95.87	541.23 28.90 -119.31	221.95 15.34 -8.40	191.07 11.93 -8.67	219.43 13.00 0.00	96.13 4.87 0.00	94.11 3.29 0.00	59.59 1.99 0.00
CRUCIBLE_METL_DRP 24180	50.68 0.17 -2.58	44.11 0.07 -0.30	38.95 -0.13 0.00	37.72 -0.08 0.00	38.65 -0.03 0.00	42.32 0.06 -0.24	50.75 0.03 -0.72	52.72 0.03 0.00	54.15 0.07 0.00	52.31 0.16 -0.11	62.16 0.28 -3.50	63.81 0.34 -3.64	98.51 0.59 -6.30	181.43 0.82 -5.30	257.71 1.97 -3.28	642.07 1.73 -5.72	134.38 0.47 -1.48	396.35 3.33 0.00	200.05 1.71 -0.14	172.20 1.73 0.00	208.57 1.79 -0.35	93.42 0.65 -1.51	91.84 0.63 -0.39	58.31 0.19 -0.52
DAHOWA__HYDRO 323763	50.28 2.34 0.00	46.28 2.55 0.00	41.24 2.16 0.00	39.98 2.19 0.00	40.91 2.23 0.00	44.47 2.44 0.00	52.66 2.66 0.00	55.31 2.62 0.00	56.66 2.58 0.00	54.52 2.48 0.00	60.83 2.45 0.00	62.25 2.42 0.00	94.96 3.33 0.00	172.42 5.98 8.86	263.92 11.63 0.18	674.83 40.34 0.13	151.58 9.23 -9.92	438.19 30.03 -15.13	219.95 17.37 -4.38	183.80 13.33 0.00	221.54 15.12 0.00	97.23 5.98 0.00	95.94 5.12 0.00	60.55 2.95 0.00
DANC__LFGE 323619	52.75 1.23 -3.59	45.33 1.18 -0.42	39.56 0.48 0.00	38.11 0.32 0.00	39.29 0.61 0.00	42.97 0.62 -0.33	51.76 0.75 -1.01	53.30 0.61 0.00	54.49 0.41 0.00	52.86 0.67 -0.15	63.97 0.71 -4.87	65.58 0.68 -5.07	101.33 0.95 -8.76	182.96 0.27 -7.38	256.08 -0.94 -4.55	631.72 -10.85 -7.96	131.36 -2.00 -0.93	392.03 -1.00 0.00	198.05 -0.16 0.00	171.73 1.26 0.00	209.93 3.01 -0.49	94.28 0.92 -2.11	92.23 0.86 -0.55	58.48 0.15 -0.72
DANSKAMMER__1 23586	50.87 2.93 0.00	46.75 3.01 0.00	41.56 2.49 0.00	40.26 2.46 0.00	41.12 2.44 0.00	44.64 2.62 0.00	52.74 2.74 0.00	55.46 2.77 0.00	56.76 2.68 0.00	54.94 2.91 0.00	61.72 3.35 0.00	63.75 3.91 0.00	98.10 6.48 0.00	199.28 13.81 -10.16	275.92 23.25 -0.20	699.37 64.60 -0.15	133.77 13.42 12.08	446.70 41.82 -11.85	221.95 20.98 -2.77	186.63 16.17 0.00	224.36 17.94 0.00	98.44 7.18 0.00	96.51 5.69 0.00	61.05 3.44 0.00
DANSKAMMER__2 23589	50.87 2.93 0.00	46.75 3.01 0.00	41.56 2.49 0.00	40.26 2.46 0.00	41.12 2.44 0.00	44.64 2.62 0.00	52.74 2.74 0.00	55.46 2.77 0.00	56.76 2.68 0.00	54.94 2.91 0.00	61.72 3.35 0.00	63.75 3.91 0.00	98.10 6.48 0.00	199.28 13.81 -10.16	275.92 23.25 -0.20	699.37 64.60 -0.15	133.77 13.42 12.08	446.70 41.82 -11.85	221.95 20.98 -2.77	186.63 16.17 0.00	224.36 17.94 0.00	98.44 7.18 0.00	96.51 5.69 0.00	61.05 3.44 0.00
DANSKAMMER__3 23590	50.87 2.93 0.00	46.75 3.01 0.00	41.56 2.49 0.00	40.26 2.46 0.00	41.12 2.44 0.00	44.64 2.62 0.00	52.74 2.74 0.00	55.46 2.77 0.00	56.76 2.68 0.00	54.94 2.91 0.00	61.72 3.35 0.00	63.75 3.91 0.00	98.10 6.48 0.00	199.28 13.81 -10.16	275.92 23.25 -0.20	699.37 64.60 -0.15	133.77 13.42 12.08	446.70 41.82 -11.85	221.95 20.98 -2.77	186.63 16.17 0.00	224.36 17.94 0.00	98.44 7.18 0.00	96.51 5.69 0.00	61.05 3.44 0.00

DANSKAMMER___4 23591	50.87 2.93 0.00	46.75 3.01 0.00	41.56 2.49 0.00	40.26 2.46 0.00	41.12 2.44 0.00	44.64 2.62 0.00	52.74 2.74 0.00	55.46 2.77 0.00	56.76 2.68 0.00	54.94 2.91 0.00	61.72 3.35 0.00	63.75 3.91 0.00	98.10 6.48 0.00	199.28 13.81 -10.16	275.92 23.25 -0.20	699.37 64.60 -0.15	133.77 13.42 12.08	446.70 41.82 -11.85	221.95 20.98 -2.77	186.63 16.17 0.00	224.36 17.94 0.00	98.44 7.18 0.00	96.51 5.69 0.00	61.05 3.44 0.00
DANSKAMMER___DIESEL 23592	50.87 2.93 0.00	46.75 3.01 0.00	41.56 2.49 0.00	40.26 2.46 0.00	41.11 2.43 0.00	44.64 2.61 0.00	52.75 2.74 0.00	55.46 2.77 0.00	56.75 2.68 0.00	54.94 2.90 0.00	61.72 3.35 0.00	63.75 3.92 0.00	98.12 6.49 0.00	199.32 13.85 -10.16	275.92 23.25 -0.20	699.11 64.35 -0.15	133.78 13.43 12.08	446.70 41.82 -11.85	221.90 20.93 -2.77	186.63 16.16 0.00	224.41 17.98 0.00	98.43 7.18 0.00	96.52 5.70 0.00	61.04 3.44 0.00
DARBY___SOLAR 323810	50.05 2.12 0.00	46.07 2.33 0.00	41.06 1.99 0.00	39.81 2.01 0.00	40.72 2.04 0.00	44.26 2.23 0.00	52.39 2.39 0.00	55.01 2.33 0.00	56.34 2.26 0.00	54.25 2.21 0.00	60.53 2.15 0.00	61.97 2.14 0.00	94.53 2.90 0.00	171.34 5.26 9.22	262.78 10.49 0.18	671.93 37.44 0.13	150.98 8.48 -10.07	436.02 27.55 -15.45	218.50 15.97 -4.33	182.73 12.26 0.00	220.23 13.80 0.00	96.65 5.40 0.00	95.43 4.62 0.00	60.26 2.66 0.00
DASHVILLE___HYD 23610	50.30 2.36 0.00	46.19 2.46 0.00	41.12 2.04 0.00	39.85 2.05 0.00	40.70 2.03 0.00	44.18 2.15 0.00	52.17 2.17 0.00	54.88 2.20 0.00	56.12 2.04 0.00	54.27 2.23 0.00	60.98 2.60 0.00	62.93 3.09 0.00	96.81 5.19 0.00	193.13 11.36 -6.47	271.84 19.11 -0.26	689.07 54.25 -0.20	126.31 11.35 17.47	430.96 35.58 -2.35	218.38 17.52 -2.66	184.22 13.75 0.00	221.61 15.18 0.00	97.23 5.98 0.00	95.47 4.65 0.00	60.39 2.78 0.00
DELAWARE___LFGE 323621	49.45 1.51 0.00	45.18 1.45 0.00	40.29 1.22 0.00	39.07 1.28 0.00	40.00 1.33 0.00	43.50 1.48 0.00	51.43 1.43 0.00	54.13 1.44 0.00	55.43 1.35 0.00	53.52 1.49 0.00	60.16 1.78 0.00	61.85 2.01 0.00	94.82 3.20 0.00	183.68 6.62 -1.76	264.05 11.29 -0.29	663.40 28.56 -0.22	122.94 6.28 15.77	395.31 20.41 18.13	209.53 10.17 -1.16	179.05 8.58 0.00	215.97 9.54 0.00	95.06 3.81 0.00	94.07 3.25 0.00	59.54 1.93 0.00
DERFIELD_115KV_TB7 355931	48.12 0.19 0.00	43.99 0.25 0.00	39.28 0.20 0.00	38.02 0.23 0.00	38.91 0.23 0.00	42.25 0.23 0.00	50.16 0.16 0.00	52.81 0.12 0.00	54.14 0.06 0.00	52.14 0.11 0.00	58.49 0.11 0.00	59.98 0.15 0.00	91.81 0.19 0.00	175.81 0.50 0.00	254.10 1.63 0.00	640.28 5.66 0.00	133.76 1.33 0.00	397.40 4.38 0.00	200.73 2.53 0.00	172.36 1.89 0.00	208.30 1.87 0.00	91.88 0.63 0.00	91.26 0.44 0.00	57.83 0.22 0.00
DOGLEVILLE___HYD 23807	48.86 0.93 0.00	44.99 1.26 0.00	40.13 1.06 0.00	38.90 1.10 0.00	39.77 1.09 0.00	43.19 1.17 0.00	50.80 0.80 0.00	53.22 0.53 0.00	54.12 0.04 0.00	51.85 -0.19 0.00	58.19 -0.18 0.00	59.46 -0.37 0.00	91.36 -0.26 0.00	174.52 -0.79 0.00	256.33 3.86 0.00	670.76 36.14 0.00	139.76 7.33 0.00	416.92 23.89 0.00	210.68 12.47 0.00	179.68 9.21 0.00	216.13 9.70 0.00	95.27 4.02 0.00	93.66 2.85 0.00	58.94 1.33 0.00
DUNKIRK___115KV_TB_200 55889	47.95 0.02 0.00	42.99 -0.75 0.00	37.79 -1.28 0.00	36.74 -1.06 0.00	37.73 -0.95 0.00	41.37 -0.65 0.00	49.13 -0.87 0.00	51.32 -1.37 0.00	52.65 -1.42 0.00	50.61 -1.28 0.14	58.41 0.03 0.00	60.48 0.64 0.00	93.76 2.13 0.00	179.07 3.77 0.00	259.92 7.46 0.00	631.53 -3.09 0.00	132.52 -1.16 -1.24	391.03 3.26 5.26	195.14 -1.81 1.25	171.57 1.10 0.00	207.18 0.75 0.00	91.39 0.14 0.00	91.29 0.47 0.00	58.42 0.82 0.00
DUNKIRK___1 23563	47.95 0.02 0.00	42.99 -0.75 0.00	37.79 -1.28 0.00	36.74 -1.06 0.00	37.73 -0.95 0.00	41.37 -0.65 0.00	49.13 -0.87 0.00	51.32 -1.37 0.00	52.65 -1.42 0.00	50.61 -1.28 0.14	58.41 0.03 0.00	60.48 0.64 0.00	93.76 2.13 0.00	179.07 3.77 0.00	259.92 7.46 0.00	631.53 -3.09 0.00	132.52 -1.16 -1.24	391.03 3.26 5.26	195.14 -1.81 1.25	171.57 1.10 0.00	207.18 0.75 0.00	91.39 0.14 0.00	91.29 0.47 0.00	58.42 0.82 0.00
DUNKIRK___2 23564	47.95 0.02 0.00	42.99 -0.75 0.00	37.79 -1.28 0.00	36.74 -1.06 0.00	37.73 -0.95 0.00	41.37 -0.65 0.00	49.13 -0.87 0.00	51.32 -1.37 0.00	52.65 -1.42 0.00	50.61 -1.28 0.14	58.41 0.03 0.00	60.48 0.64 0.00	93.76 2.13 0.00	179.07 3.77 0.00	259.92 7.46 0.00	631.53 -3.09 0.00	132.52 -1.16 -1.24	391.03 3.26 5.26	195.14 -1.81 1.25	171.57 1.10 0.00	207.18 0.75 0.00	91.39 0.14 0.00	91.29 0.47 0.00	58.42 0.82 0.00
DUNKIRK___3 23565	47.88 -0.05 0.00	42.96 -0.78 0.00	37.69 -1.39 0.00	36.60 -1.20 0.00	37.59 -1.08 0.00	41.23 -0.79 0.00	48.94 -1.06 0.00	51.08 -1.61 0.00	52.45 -1.63 0.00	50.44 -1.46 0.14	58.13 -0.24 0.00	60.14 0.30 0.00	93.14 1.52 0.00	177.78 2.47 0.00	257.79 5.33 0.00	627.38 -7.24 0.00	131.79 -1.89 -1.25	388.19 0.34 5.18	194.14 -2.83 1.23	170.38 -0.09 0.00	205.65 -0.77 0.00	90.74 -0.52 0.00	90.65 -0.17 0.00	58.08 0.47 0.00
DUNKIRK___4 23566	47.88 -0.05 0.00	42.96 -0.78 0.00	37.69 -1.39 0.00	36.60 -1.20 0.00	37.59 -1.08 0.00	41.23 -0.79 0.00	48.94 -1.06 0.00	51.08 -1.61 0.00	52.45 -1.63 0.00	50.44 -1.46 0.14	58.13 -0.24 0.00	60.14 0.30 0.00	93.14 1.52 0.00	177.78 2.47 0.00	257.79 5.33 0.00	627.38 -7.24 0.00	131.79 -1.89 -1.25	388.19 0.34 5.18	194.14 -2.83 1.23	170.38 -0.09 0.00	205.65 -0.77 0.00	90.74 -0.52 0.00	90.65 -0.17 0.00	58.08 0.47 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	50.91 2.97 0.00	46.91 3.17 0.00	41.67 2.60 0.00	40.47 2.55 -0.12	41.19 2.51 0.00	44.71 2.66 -0.03	52.75 2.75 0.00	55.43 2.74 0.00	56.65 2.57 0.00	54.93 2.89 0.00	61.73 3.35 0.00	63.81 3.97 0.00	98.17 6.55 0.00	200.17 14.01 -10.85	282.39 23.93 -5.99	877.29 64.16 -178.51	2629.97 12.45 -2485.09	2233.93 38.45 -1802.45	261.30 19.57 -43.52	213.45 15.04 -27.94	223.50 17.07 0.00	98.06 6.81 0.00	95.92 5.11 0.00	60.84 3.23 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	50.50 2.57 0.00	46.42 2.68 0.00	41.28 2.21 0.00	39.98 2.19 0.01	40.84 2.16 0.00	44.33 2.31 0.00	52.35 2.35 0.00	55.03 2.34 0.00	56.28 2.20 0.00	54.48 2.44 0.00	61.20 2.82 0.00	63.21 3.38 0.00	97.24 5.61 0.00	197.17 12.17 -9.69	274.25 20.79 -0.99	686.17 57.88 6.33	-14.12 11.86 158.41	305.54 37.02 124.51	210.43 18.77 6.54	170.29 14.38 14.55	222.36 15.93 0.00	97.58 6.33 0.00	95.73 4.92 0.00	60.58 2.98 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	51.08 3.14 0.00	47.05 3.32 0.00	41.85 2.77 0.00	40.64 2.72 -0.12	41.35 2.67 0.00	44.88 2.83 -0.03	52.93 2.93 0.00	55.73 3.04 0.00	56.98 2.90 0.00	55.24 3.21 0.00	61.99 3.61 0.00	64.11 4.27 0.00	98.61 6.99 0.00	200.90 14.74 -10.85	283.24 24.77 -6.00	878.50 65.26 -178.63	2627.74 12.32 -2483.00	2232.89 37.89 -1801.96	260.97 19.26 -43.51	213.43 15.04 -27.92	223.85 17.42 0.00	98.09 6.84 0.00	95.91 5.09 0.00	60.97 3.36 0.00

E179THST_13_KV_LOAD 356214	51.43 3.49 0.00	47.36 3.63 0.00	42.10 3.03 0.00	40.89 2.97 -0.12	41.59 2.91 0.00	45.16 3.11 -0.03	53.26 3.26 0.00	56.08 3.39 0.00	57.34 3.27 0.00	55.61 3.57 0.00	62.42 4.04 0.00	64.56 4.72 0.00	99.35 7.73 0.00	202.30 16.15 -10.85	285.45 26.98 -6.00	883.66 70.41 -178.63	2628.87 13.44 -2483.00	2236.16 41.16 -1801.96	262.56 20.85 -43.51	214.80 16.41 -27.92	225.50 19.07 0.00	98.78 7.53 0.00	96.61 5.79 0.00	61.39 3.78 0.00
EAST HAMPTON___GT 23717	53.16 5.23 0.00	48.55 4.82 0.00	42.11 3.04 0.00	40.37 2.45 -0.12	40.89 2.22 0.00	44.58 2.52 -0.03	52.21 2.21 0.00	55.77 3.08 0.00	52.30 2.64 4.42	30.83 2.67 23.88	48.30 2.73 12.80	52.51 3.23 10.55	91.78 5.61 5.45	180.38 10.36 5.28	257.58 20.43 15.32	592.84 45.41 87.19	686.48 6.79 -547.26	1468.81 23.01 -1052.77	257.89 16.68 -43.01	182.39 12.73 0.81	133.08 12.97 86.32	31.24 5.61 65.62	94.73 3.01 -0.91	30.11 3.23 30.73
EAST RIVER___6 23660	51.14 3.20 0.00	47.13 3.40 0.00	41.86 2.79 0.00	40.63 2.71 -0.12	41.37 2.69 0.00	44.92 2.86 -0.03	52.99 2.99 0.00	55.79 3.10 0.00	57.03 2.95 0.00	55.33 3.29 0.00	62.21 3.83 0.00	64.32 4.48 0.00	98.98 7.36 0.00	201.87 15.72 -10.85	284.84 26.39 -5.98	882.64 69.71 -178.31	2630.67 13.21 -2485.02	2236.13 40.12 -1802.98	261.99 20.25 -43.54	214.10 15.67 -27.96	224.41 17.99 0.00	98.49 7.24 0.00	96.26 5.45 0.00	61.10 3.49 0.00
EAST RIVER___7 23524	51.14 3.20 0.00	47.13 3.40 0.00	41.86 2.79 0.00	40.63 2.71 -0.12	41.37 2.69 0.00	44.92 2.86 -0.03	52.99 2.99 0.00	55.79 3.10 0.00	57.03 2.95 0.00	55.33 3.29 0.00	62.21 3.83 0.00	64.32 4.48 0.00	98.98 7.36 0.00	201.87 15.72 -10.85	284.84 26.39 -5.98	882.64 69.71 -178.31	2630.67 13.21 -2485.02	2236.13 40.12 -1802.98	261.99 20.25 -43.54	214.10 15.67 -27.96	224.41 17.99 0.00	98.49 7.24 0.00	96.26 5.45 0.00	61.10 3.49 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	50.73 2.80 0.00	46.73 3.00 0.00	41.53 2.45 0.00	40.34 2.42 -0.12	41.07 2.39 0.00	44.57 2.52 -0.03	52.60 2.59 0.00	55.27 2.59 0.00	56.50 2.42 0.00	54.76 2.72 0.00	61.53 3.15 0.00	63.57 3.74 0.00	97.81 6.18 0.00	199.45 13.31 -10.84	280.84 22.81 -5.57	875.17 61.47 -179.08	2667.88 12.02 -2523.43	2267.97 37.09 -1837.86	261.97 18.95 -44.82	214.98 14.58 -29.94	222.86 16.44 0.00	97.79 6.54 0.00	95.70 4.89 0.00	60.67 3.07 0.00
EAST_HAMPTON___DIESEL 23722	53.16 5.23 0.00	48.52 4.78 0.00	42.04 2.97 0.00	40.28 2.36 -0.12	40.80 2.12 0.00	44.49 2.44 -0.03	52.10 2.10 0.00	55.74 3.06 0.00	52.24 2.58 4.42	30.72 2.56 23.88	48.13 2.56 12.80	52.31 3.03 10.55	91.50 5.34 5.45	179.90 9.88 5.28	256.99 19.84 15.32	591.48 44.05 87.19	686.18 6.49 -547.26	1467.92 22.12 -1052.77	257.30 16.09 -43.01	181.88 12.21 0.81	132.46 12.35 86.32	30.96 5.33 65.62	94.47 2.74 -0.91	30.00 3.13 30.73
EAST_POINT___SOLAR 323840	51.89 3.95 0.00	46.98 3.25 0.00	41.82 2.75 0.00	40.43 2.63 0.00	41.38 2.71 0.00	45.10 3.08 0.00	53.73 3.72 0.00	56.43 3.74 0.00	57.08 3.00 0.00	54.30 2.27 0.00	60.71 2.34 0.00	61.89 2.05 0.00	94.13 2.51 0.00	175.24 4.95 5.01	263.07 10.60 0.00	679.06 44.45 0.00	140.79 10.12 1.76	423.55 29.09 -1.43	216.74 14.25 -4.29	183.48 13.01 0.00	223.78 17.36 0.00	99.08 7.83 0.00	98.27 7.45 0.00	62.17 4.56 0.00
EAST_PULASKI___ESR 323781	53.57 0.25 -5.39	44.60 0.23 -0.63	38.96 -0.11 0.00	37.64 -0.15 0.00	38.66 -0.02 0.00	42.52 0.00 -0.49	51.51 0.00 -1.52	52.65 -0.04 0.00	53.96 -0.12 0.00	52.28 0.02 -0.23	65.62 -0.08 -7.33	67.39 -0.05 -7.61	104.69 -0.09 -13.16	185.67 -0.73 -11.10	257.92 -1.39 -6.85	637.20 -9.38 -11.96	131.80 -1.69 -1.06	391.07 -1.96 0.00	197.54 -0.67 0.00	170.60 0.14 0.00	207.62 0.45 -0.74	94.25 -0.16 -3.16	91.44 -0.20 -0.83	58.46 -0.22 -1.08
EAST_RIVER___1 323558	51.14 3.21 0.00	47.14 3.40 0.00	41.87 2.80 0.00	40.64 2.72 -0.12	41.37 2.70 0.00	44.92 2.87 -0.03	53.01 3.01 0.00	55.78 3.09 0.00	57.05 2.97 0.00	55.31 3.27 0.00	62.17 3.80 0.00	64.30 4.46 0.00	98.97 7.35 0.00	201.82 15.67 -10.85	284.76 26.31 -5.98	882.64 69.71 -178.31	2630.76 13.21 -2485.12	2236.24 40.15 -1803.06	262.02 20.27 -43.54	214.10 15.67 -27.96	224.45 18.02 0.00	98.49 7.24 0.00	96.25 5.43 0.00	61.10 3.49 0.00
EAST_RIVER___2 323559	51.14 3.20 0.00	47.13 3.40 0.00	41.86 2.79 0.00	40.63 2.71 -0.12	41.37 2.69 0.00	44.92 2.86 -0.03	52.99 2.99 0.00	55.79 3.10 0.00	57.03 2.95 0.00	55.33 3.29 0.00	62.21 3.83 0.00	64.32 4.48 0.00	98.98 7.36 0.00	201.87 15.72 -10.85	284.84 26.39 -5.98	882.64 69.71 -178.31	2630.67 13.21 -2485.02	2236.13 40.12 -1802.98	261.99 20.25 -43.54	214.10 15.67 -27.96	224.41 17.99 0.00	98.49 7.24 0.00	96.26 5.45 0.00	61.10 3.49 0.00
EAST___DELAWARE_HYD 23607	49.59 1.66 0.00	45.49 1.76 0.00	40.44 1.36 0.00	39.16 1.36 0.00	40.00 1.33 0.00	43.42 1.40 0.00	51.29 1.29 0.00	53.95 1.26 0.00	55.23 1.14 0.00	53.44 1.40 0.00	59.91 1.53 0.00	61.88 2.04 0.00	95.27 3.65 0.00	192.03 8.61 -8.12	268.98 15.67 -0.85	674.69 45.43 5.35	5.49 9.25 136.19	316.55 30.38 106.86	208.44 15.66 5.43	169.68 11.72 12.51	218.96 12.54 0.00	96.06 4.81 0.00	94.15 3.34 0.00	59.47 1.86 0.00
EIGHT_POINT___WT_PWR 323820	47.48 -0.45 0.00	43.05 -0.68 0.00	37.84 -1.23 0.00	36.47 -1.33 0.00	37.51 -1.17 0.00	41.71 -0.31 0.00	49.44 -0.56 0.00	51.50 -1.19 0.00	52.84 -1.24 0.00	51.50 -1.18 -0.65	57.63 -0.74 0.00	59.22 -0.62 0.00	91.60 -0.02 0.00	177.67 2.36 0.00	259.73 7.27 0.00	634.32 -0.30 0.00	132.95 -0.20 -0.72	416.51 -0.25 -23.74	204.32 -1.12 -7.24	172.17 1.70 0.00	209.50 3.08 0.00	93.33 2.08 0.00	92.68 1.87 0.00	58.68 1.07 0.00
ELBRIDGE_115KV_TB2 80188	50.42 -0.13 -2.62	43.86 -0.18 -0.31	38.73 -0.35 0.00	37.50 -0.29 0.00	38.43 -0.25 0.00	42.07 -0.19 -0.24	50.47 -0.27 -0.74	52.38 -0.31 0.00	53.80 -0.28 0.00	51.96 -0.18 -0.11	61.78 -0.16 -3.56	63.43 -0.10 -3.70	98.15 0.13 -6.40	180.73 0.03 -5.39	257.22 1.42 -3.33	640.42 -0.01 -5.81	134.01 0.01 -1.57	395.27 2.24 0.00	199.46 1.11 -0.15	171.76 1.29 0.00	207.80 1.01 -0.36	92.96 0.17 -1.54	91.30 0.08 -0.40	57.97 -0.16 -0.52
ELEC_TRO_TEK 24086	51.10 3.17 0.00	47.21 3.47 0.00	41.80 2.73 0.00	40.50 2.59 -0.12	41.21 2.53 0.00	44.65 2.59 -0.03	52.54 2.53 0.00	54.96 2.28 0.00	55.12 2.07 1.03	49.92 2.47 4.58	58.39 3.02 3.00	61.05 3.69 2.48	97.26 6.12 0.48	198.03 13.37 -9.35	271.51 23.39 4.35	816.08 61.94 -119.51	2180.07 11.81 -2035.83	1977.49 36.82 -1547.64	260.54 18.90 -43.44	206.58 14.09 -22.02	203.79 15.85 18.49	213.31 6.41 -115.64	253.90 4.62 -158.46	54.06 2.74 6.28
ELLENBURG_WT_PWR 323604	47.74 -0.19 0.00	43.43 -0.30 0.00	38.60 -0.48 0.00	37.27 -0.53 0.00	38.16 -0.52 0.00	41.56 -0.46 0.00	50.02 0.02 0.00	52.94 0.25 0.00	54.50 0.42 0.00	52.19 0.16 0.00	58.34 -0.04 0.00	59.43 -0.40 0.00	90.56 -1.06 0.00	171.89 -3.42 0.00	245.63 -6.84 0.00	613.28 -21.34 0.00	126.32 -6.11 0.00	373.72 -19.31 0.00	188.88 -9.32 0.00	163.60 -6.87 0.00	199.73 -6.70 0.00	89.43 -1.82 0.00	89.79 -1.02 0.00	57.27 -0.34 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	47.96 0.02 0.00	42.98 -0.75 0.00	37.49 -1.58 0.00	36.32 -1.48 0.00	37.31 -1.36 0.00	40.96 -1.06 0.00	48.56 -1.44 0.00	50.57 -2.11 0.00	52.00 -2.08 0.00	50.04 -1.86 0.14	57.73 -0.65 0.00	59.73 -0.10 0.00	92.33 0.70 0.00	175.83 0.52 0.00	253.78 1.31 0.00	619.23 -15.39 0.00	130.53 -3.02 -1.12	381.74 -6.00 5.29	192.09 -4.85 1.26	167.91 -2.56 0.00	202.45 -3.97 0.00	89.27 -1.98 0.00	89.41 -1.41 0.00	57.58 -0.03 0.00
EMPIRE_CC_1 323656	48.37 0.43 0.00	44.60 0.86 0.00	39.84 0.76 0.00	38.68 0.88 0.00	39.50 0.82 0.00	42.82 0.80 0.00	50.55 0.55 0.00	53.10 0.41 0.00	54.34 0.27 0.00	52.51 0.48 0.00	58.51 0.13 0.00	60.06 0.22 0.00	91.79 0.17 0.00	161.50 0.40 14.21	255.36 3.15 0.26	650.96 16.54 0.20	152.23 4.54 -15.26	433.01 14.00 -25.99	209.28 8.88 -2.20	176.33 5.86 0.00	212.04 5.61 0.00	93.02 1.77 0.00	92.09 1.27 0.00	58.23 0.63 0.00
EMPIRE_CC_2 323658	48.37 0.43 0.00	44.60 0.86 0.00	39.84 0.76 0.00	38.68 0.88 0.00	39.50 0.82 0.00	42.82 0.80 0.00	50.55 0.55 0.00	53.10 0.41 0.00	54.34 0.27 0.00	52.51 0.48 0.00	58.51 0.13 0.00	60.06 0.22 0.00	91.79 0.17 0.00	161.50 0.40 14.21	255.36 3.15 0.26	650.96 16.54 0.20	152.23 4.54 -15.26	433.01 14.00 -25.99	209.28 8.88 -2.20	176.33 5.86 0.00	212.04 5.61 0.00	93.02 1.77 0.00	92.09 1.27 0.00	58.23 0.63 0.00
ENORWICH_115KV_TB1 80156	50.55 2.61 0.00	45.92 2.18 0.00	40.57 1.50 0.00	39.34 1.54 0.00	40.48 1.80 0.00	44.28 2.26 0.00	52.78 2.78 0.00	55.58 2.89 0.00	57.16 3.08 0.00	55.56 3.50 -0.03	62.48 4.10 0.00	64.14 4.30 0.00	98.42 6.80 0.00	188.09 12.78 0.00	273.64 20.96 -0.21	687.20 52.42 -0.16	133.62 12.35 11.17	421.12 39.87 11.79	218.54 19.34 -0.99	189.38 18.91 0.00	228.90 22.47 0.00	100.71 9.46 0.00	99.25 8.44 0.00	62.25 4.64 0.00
ERIE_ST__34_KV_TB1-2 80199	48.19 0.26 0.00	43.19 -0.55 0.00	37.69 -1.39 0.00	36.51 -1.29 0.00	37.52 -1.15 0.00	41.21 -0.81 0.00	48.90 -1.10 0.00	51.08 -1.60 0.00	52.56 -1.52 0.00	50.61 -1.28 0.15	58.36 -0.01 0.00	60.33 0.49 0.00	93.23 1.61 0.00	177.67 2.37 0.00	256.79 4.32 0.00	627.58 -7.04 0.00	132.49 -1.12 -1.17	388.08 0.59 5.54	195.05 -1.84 1.31	170.52 0.05 0.00	205.20 -1.23 0.00	90.38 -0.88 0.00	90.25 -0.57 0.00	57.96 0.36 0.00
ERIE_WT_PWR 323693	48.10 0.17 0.00	43.08 -0.65 0.00	37.58 -1.50 0.00	36.40 -1.40 0.00	37.40 -1.28 0.00	41.09 -0.93 0.00	48.75 -1.25 0.00	50.80 -1.89 0.00	52.20 -1.88 0.00	50.20 -1.67 0.16	57.94 -0.44 0.00	59.95 0.12 0.00	92.68 1.05 0.00	176.60 1.30 0.00	255.11 2.65 0.00	622.65 -11.97 0.00	131.23 -2.25 -1.05	383.19 -3.69 6.16	192.84 -3.90 1.46	168.85 -1.62 0.00	203.61 -2.82 0.00	89.79 -1.46 0.00	90.00 -0.82 0.00	57.88 0.27 0.00
ESPRGFLD_115KV_TB1 80157	50.83 2.90 0.00	45.97 2.23 0.00	40.92 1.85 0.00	39.55 1.76 0.00	40.51 1.83 0.00	44.15 2.13 0.00	52.60 2.59 0.00	55.54 2.85 0.00	56.81 2.73 0.00	54.67 2.63 0.00	61.54 3.17 0.00	63.10 3.27 0.00	96.86 5.24 0.00	182.95 10.41 2.77	266.90 14.43 0.00	665.89 31.27 0.00	140.57 7.33 -0.81	417.95 22.87 -2.04	212.27 10.81 -3.26	181.02 10.55 0.00	219.72 13.30 0.00	97.12 5.87 0.00	96.51 5.70 0.00	61.10 3.50 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	48.98 1.05 0.00	44.60 0.86 0.00	39.59 0.51 0.00	38.35 0.55 0.00	39.32 0.65 0.00	42.88 0.86 0.00	50.95 0.94 0.00	53.54 0.85 0.00	54.91 0.83 0.00	53.07 0.99 -0.05	59.56 1.18 0.00	61.10 1.27 0.00	93.66 2.03 0.00	179.23 3.92 0.00	260.84 8.22 -0.15	652.94 18.21 -0.12	128.47 3.98 7.94	400.58 14.87 7.32	206.44 7.28 -0.96	177.88 7.41 0.00	214.55 8.12 0.00	94.56 3.31 0.00	93.69 2.87 0.00	59.10 1.50 0.00
ETNA____115KV_TB2 80207	48.98 1.05 0.00	44.60 0.86 0.00	39.59 0.51 0.00	38.35 0.55 0.00	39.32 0.65 0.00	42.88 0.86 0.00	50.95 0.94 0.00	53.54 0.85 0.00	54.91 0.83 0.00	53.07 0.99 -0.05	59.56 1.18 0.00	61.10 1.27 0.00	93.66 2.03 0.00	179.23 3.92 0.00	260.84 8.22 -0.15	652.94 18.21 -0.12	128.47 3.98 7.94	400.58 14.87 7.32	206.44 7.28 -0.96	177.88 7.41 0.00	214.55 8.12 0.00	94.56 3.31 0.00	93.69 2.87 0.00	59.10 1.50 0.00
EUCLID___115KV_TB2 356179	48.87 -0.30 -1.23	43.51 -0.37 -0.14	38.55 -0.52 0.00	37.33 -0.47 0.00	38.24 -0.44 0.00	41.73 -0.40 -0.11	49.80 -0.55 -0.35	52.13 -0.55 0.00	53.52 -0.55 0.00	51.66 -0.43 -0.05	59.69 -0.37 -1.68	61.36 -0.23 -1.75	94.46 -0.18 -3.02	177.52 -0.33 -2.54	254.29 0.25 -1.57	634.74 -2.62 -2.74	133.43 -0.21 -1.21	393.88 0.85 0.00	198.74 0.54 0.00	171.08 0.61 0.00	206.69 0.09 -0.17	91.68 -0.30 -0.72	90.52 -0.48 -0.19	57.42 -0.43 -0.25
E_CANADA_CAP_HY 24051	51.34 3.40 0.00	46.39 2.65 0.00	41.30 2.22 0.00	39.90 2.10 0.00	40.84 2.16 0.00	44.47 2.45 0.00	53.09 3.09 0.00	55.93 3.24 0.00	57.10 3.03 0.00	54.65 2.62 0.00	61.28 2.90 0.00	62.65 2.82 0.00	95.98 4.35 0.00	178.83 7.98 4.45	263.22 10.75 0.00	663.05 28.43 0.00	138.34 7.03 1.13	415.47 20.86 -1.59	212.61 10.38 -4.03	180.40 9.93 0.00	219.80 13.37 0.00	97.39 6.14 0.00	97.00 6.18 0.00	61.50 3.90 0.00
E_CANADA_MHWK_HY 24050	48.86 0.93 0.00	44.99 1.26 0.00	40.13 1.05 0.00	38.90 1.10 0.00	39.77 1.09 0.00	43.20 1.17 0.00	50.80 0.80 0.00	53.22 0.53 0.00	54.11 0.04 0.00	51.85 -0.19 0.00	58.19 -0.18 0.00	59.46 -0.37 0.00	91.35 -0.28 0.00	174.52 -0.79 0.00	256.33 3.86 0.00	670.76 36.14 0.00	139.76 7.33 0.00	416.93 23.90 0.00	210.68 12.48 0.00	179.68 9.21 0.00	216.13 9.70 0.00	95.27 4.02 0.00	93.66 2.85 0.00	58.94 1.33 0.00
E_FISHKILL___LBMP 23776	50.05 2.12 0.00	46.09 2.35 0.00	41.00 1.93 0.00	39.73 1.94 0.00	40.59 1.91 0.00	44.04 2.01 0.00	52.00 2.00 0.00	54.62 1.94 0.00	55.85 1.77 0.00	54.08 2.04 0.00	60.63 2.26 0.00	62.56 2.73 0.00	96.13 4.50 0.00	196.09 9.70 -11.08	268.90 17.31 0.88	683.49 49.53 0.66	182.60 9.98 -40.19	505.80 31.54 -81.22	217.40 16.33 -2.87	183.03 12.56 0.00	220.33 13.91 0.00	96.66 5.41 0.00	94.92 4.10 0.00	60.15 2.54 0.00
FALCON___SEABRD_CC1 323796	47.94 0.00 0.00	43.66 -0.07 0.00	38.78 -0.30 0.00	37.44 -0.36 0.00	38.31 -0.37 0.00	41.70 -0.33 0.00	50.24 0.23 0.00	53.19 0.50 0.00	54.76 0.69 0.00	52.49 0.46 0.00	58.35 -0.03 0.00	59.31 -0.52 0.00	90.30 -1.33 0.00	170.93 -4.38 0.00	244.54 -7.92 0.00	610.81 -23.81 0.00	124.45 -7.98 0.00	368.69 -24.34 0.00	186.74 -11.46 0.00	161.47 -8.99 0.00	197.42 -9.01 0.00	88.49 -2.77 0.00	89.24 -1.58 0.00	57.16 -0.45 0.00
FALCON___SEABRD_CC2 323797	47.94 0.00 0.00	43.66 -0.07 0.00	38.78 -0.30 0.00	37.44 -0.36 0.00	38.31 -0.37 0.00	41.70 -0.33 0.00	50.24 0.23 0.00	53.19 0.50 0.00	54.76 0.69 0.00	52.49 0.46 0.00	58.35 -0.03 0.00	59.31 -0.52 0.00	90.30 -1.33 0.00	170.93 -4.38 0.00	244.54 -7.92 0.00	610.81 -23.81 0.00	124.45 -7.98 0.00	368.69 -24.34 0.00	186.74 -11.46 0.00	161.47 -8.99 0.00	197.42 -9.01 0.00	88.49 -2.77 0.00	89.24 -1.58 0.00	57.16 -0.45 0.00

FAR ROCKAWAY___4 23548	51.83 3.89 0.00	47.82 4.09 0.00	42.45 3.38 0.00	41.12 3.20 -0.12	41.83 3.15 0.00	45.33 3.28 -0.03	53.36 3.36 0.00	55.80 3.11 0.00	56.58 2.96 0.46	54.29 3.37 1.12	61.13 4.08 1.33	63.60 4.86 1.10	99.25 7.73 0.11	206.79 16.15 -15.34	283.75 27.83 -3.46	880.60 71.04 -174.94	2522.76 13.91 -2376.42	2128.69 43.33 -1692.33	263.80 22.16 -43.44	215.00 16.43 -28.10	226.73 19.15 -1.15	426.39 7.95 -327.19	495.19 6.11 -398.26	59.41 3.76 1.96
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	51.84 3.91 0.00	47.14 3.41 0.00	41.90 2.82 0.00	40.84 2.92 -0.12	41.57 2.89 0.00	44.93 2.87 -0.03	53.03 3.03 0.00	55.80 3.11 0.00	57.06 2.98 0.00	55.34 3.30 0.00	62.19 3.82 0.00	64.33 4.49 0.00	99.01 7.39 0.00	201.89 15.74 -10.85	284.87 26.41 -5.99	882.36 69.43 -178.31	2630.56 13.23 -2484.90	2236.20 40.30 -1802.86	262.08 20.34 -43.54	214.12 15.70 -27.96	224.56 18.13 0.00	91.58 7.26 6.93	84.93 5.48 11.37	61.12 3.52 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	51.23 3.29 0.00	47.18 3.45 0.00	41.93 2.85 0.00	40.69 2.77 -0.12	41.41 2.74 0.00	44.94 2.89 -0.03	53.05 3.04 0.00	55.82 3.13 0.00	57.08 3.01 0.00	55.35 3.31 0.00	62.21 3.84 0.00	64.34 4.50 0.00	99.01 7.39 0.00	201.89 15.74 -10.85	284.87 26.41 -5.99	882.54 69.61 -178.31	2630.56 13.23 -2484.90	2236.24 40.35 -1802.86	262.12 20.38 -43.54	214.20 15.77 -27.96	224.57 18.14 0.00	98.53 7.28 0.00	96.32 5.51 0.00	61.15 3.55 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	51.11 3.17 0.00	47.10 3.36 0.00	41.86 2.78 0.00	40.63 2.71 -0.12	41.35 2.67 0.00	44.90 2.84 -0.03	52.99 2.99 0.00	55.76 3.07 0.00	57.02 2.95 0.00	55.29 3.26 0.00	62.14 3.76 0.00	64.27 4.43 0.00	98.91 7.29 0.00	201.69 15.53 -10.85	284.52 26.07 -5.99	881.65 68.72 -178.31	2630.43 13.10 -2484.90	2235.80 39.91 -1802.86	261.83 20.10 -43.54	213.93 15.50 -27.96	224.30 17.87 0.00	98.37 7.12 0.00	96.19 5.38 0.00	61.06 3.45 0.00
FARRAGUT___LBMP 323566	51.07 3.13 0.00	47.07 3.33 0.00	41.82 2.75 0.00	40.59 2.67 -0.12	41.32 2.64 0.00	44.85 2.80 -0.03	52.93 2.93 0.00	55.69 3.01 0.00	56.94 2.86 0.00	55.22 3.18 0.00	62.06 3.68 0.00	64.17 4.34 0.00	98.76 7.14 0.00	201.39 15.24 -10.85	284.13 25.68 -5.99	880.69 67.76 -178.31	2630.17 12.84 -2484.90	2235.14 39.25 -1802.86	261.58 19.85 -43.54	213.76 15.33 -27.96	224.07 17.65 0.00	98.28 7.03 0.00	96.10 5.29 0.00	61.01 3.40 0.00
FENNER___WINDPWR 24204	49.01 1.07 0.00	44.68 0.95 0.00	39.75 0.68 0.00	38.44 0.64 0.00	39.43 0.75 0.00	42.89 0.86 0.00	51.04 1.04 0.00	53.71 1.02 0.00	55.10 1.02 0.00	53.20 1.16 0.00	59.83 1.45 0.00	61.32 1.49 0.00	93.74 2.12 0.00	180.25 4.94 0.00	260.99 8.52 0.00	652.52 17.90 0.00	137.93 3.78 -1.72	407.22 13.31 -0.88	205.15 6.74 -0.21	177.00 6.53 0.00	214.18 7.75 0.00	94.40 3.15 0.00	93.53 2.71 0.00	59.04 1.44 0.00
FIBERTEK___ENERGY 23856	50.68 0.17 -2.58	44.11 0.07 -0.30	38.95 -0.13 0.00	37.72 -0.08 0.00	38.65 -0.03 0.00	42.32 0.06 -0.24	50.75 0.03 -0.72	52.72 0.03 0.00	54.15 0.07 0.00	52.31 0.16 -0.11	62.16 0.28 -3.50	63.81 0.34 -3.64	98.51 0.59 -6.30	181.43 0.82 -5.30	257.71 1.97 -3.28	642.07 1.73 -5.72	134.38 0.47 -1.48	396.35 3.33 0.00	200.05 1.71 -0.14	172.20 1.73 0.00	208.57 1.79 -0.35	93.42 0.65 -1.51	91.84 0.63 -0.39	58.31 0.19 -0.52
FITZPATRICK___ 23598	22.67 -1.17 24.09	39.80 -1.11 2.82	37.94 -1.14 0.00	36.73 -1.07 0.00	37.62 -1.06 0.00	38.71 -1.11 2.21	41.88 -1.35 6.78	51.30 -1.39 0.00	52.65 -1.42 0.00	49.72 -1.30 1.01	24.14 -1.46 32.78	24.38 -1.40 34.05	30.69 -2.05 58.88	121.74 -3.93 49.64	216.75 -5.09 30.63	565.41 -15.72 53.49	130.46 -2.90 -0.92	385.56 -7.47 0.00	194.55 -3.65 0.00	167.35 -3.12 0.00	198.83 -4.29 3.31	74.91 -2.19 14.15	84.91 -2.21 3.70	51.31 -1.47 4.82
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	50.97 3.04 0.00	46.85 3.11 0.00	41.64 2.57 0.00	40.34 2.54 0.00	41.21 2.53 0.00	44.73 2.70 0.00	52.85 2.85 0.00	55.60 2.91 0.00	56.91 2.83 0.00	55.09 3.06 0.00	61.90 3.52 0.00	63.93 4.10 0.00	98.43 6.80 0.00	200.07 14.43 -10.33	276.63 24.16 0.00	701.50 66.89 0.00	148.43 13.95 -2.04	465.62 43.39 -29.21	222.58 21.59 -2.79	187.14 16.67 0.00	224.99 18.56 0.00	98.67 7.42 0.00	96.75 5.93 0.00	61.19 3.58 0.00
FORT ORANGE___ 23900	48.13 0.19 0.00	44.29 0.56 0.00	39.58 0.51 0.00	38.41 0.61 0.00	39.26 0.58 0.00	42.57 0.55 0.00	50.29 0.29 0.00	52.87 0.18 0.00	54.08 0.00 0.00	52.17 0.13 0.00	58.15 -0.23 0.00	59.63 -0.21 0.00	91.31 -0.31 0.00	168.67 -0.09 6.54	255.11 2.82 0.17	649.96 15.47 0.13	145.67 3.75 -9.49	419.37 11.24 -15.10	207.85 6.79 -2.86	175.16 4.69 0.00	210.82 4.39 0.00	92.68 1.43 0.00	91.61 0.79 0.00	57.94 0.33 0.00
FORT_DRUM_COGEN 23780	53.13 2.69 -2.51	46.54 2.52 -0.30	40.60 1.53 0.00	39.04 1.25 0.00	40.35 1.68 0.00	43.97 1.72 -0.23	52.90 2.19 -0.71	54.65 1.97 0.00	55.80 1.72 0.00	54.17 2.03 -0.11	64.09 2.30 -3.42	65.52 2.14 -3.55	100.81 3.05 -6.13	183.61 3.13 -5.17	257.75 2.10 -3.19	635.13 -5.06 -5.57	132.16 -1.01 -0.74	396.69 3.66 0.00	200.30 2.10 0.00	174.69 4.22 0.00	215.07 8.29 -0.34	96.02 3.30 -1.47	94.33 3.13 -0.39	59.42 1.32 -0.50
FOX_HILLS___ESR 323835	50.99 3.06 0.00	47.18 3.45 0.00	41.99 2.92 0.00	40.75 2.83 -0.12	41.48 2.80 0.00	44.98 2.93 -0.03	52.43 2.73 0.30	55.65 2.96 0.00	56.92 2.84 0.00	55.17 3.13 0.00	61.81 3.43 0.00	63.88 4.04 0.00	98.36 6.73 0.00	200.58 14.43 -10.85	283.30 24.84 -6.00	706.56 65.36 -6.58	1956.33 10.77 -1813.13	1960.88 33.35 -1534.50	259.32 17.61 -43.51	212.43 14.04 -27.92	223.12 16.69 0.00	98.01 6.76 0.00	95.74 4.92 0.00	60.88 3.27 0.00
FPL_FAR_ROCK_GT1 24212	51.82 3.89 0.00	47.82 4.09 0.00	42.45 3.37 0.00	41.12 3.20 -0.12	41.83 3.16 0.00	45.33 3.28 -0.03	53.36 3.36 0.00	55.79 3.10 0.00	56.59 2.97 0.46	54.27 3.35 1.12	61.12 4.07 1.33	63.59 4.85 1.10	99.23 7.71 0.11	206.77 16.12 -15.34	283.65 27.73 -3.46	880.65 71.09 -174.94	2522.69 13.84 -2376.42	2128.53 43.17 -1692.33	263.79 22.15 -43.44	214.98 16.41 -28.10	226.66 19.08 -1.15	426.51 8.06 -327.19	495.18 6.10 -398.26	59.36 3.71 1.96
FPL_FAR_ROCK_GT2 23815	51.82 3.89 0.00	47.82 4.09 0.00	42.45 3.37 0.00	41.12 3.20 -0.12	41.83 3.16 0.00	45.33 3.28 -0.03	53.36 3.36 0.00	55.79 3.10 0.00	56.59 2.97 0.46	54.27 3.35 1.12	61.12 4.07 1.33	63.59 4.85 1.10	99.23 7.71 0.11	206.77 16.12 -15.34	283.65 27.73 -3.46	880.65 71.09 -174.94	2522.69 13.84 -2376.42	2128.53 43.17 -1692.33	263.79 22.15 -43.44	214.98 16.41 -28.10	226.66 19.08 -1.15	426.51 8.06 -327.19	495.18 6.10 -398.26	59.36 3.71 1.96
FRANKLIN_FALL_HYD 24054	48.56 0.63 0.00	44.12 0.38 0.00	39.22 0.15 0.00	37.84 0.04 0.00	38.75 0.08 0.00	42.23 0.20 0.00	50.90 0.89 0.00	53.89 1.20 0.00	55.48 1.40 0.00	53.13 1.10 0.00	59.56 1.19 0.00	60.61 0.78 0.00	92.37 0.74 0.00	174.63 -0.67 0.00	249.32 -3.15 0.00	622.25 -12.37 0.00	128.44 -3.99 0.00	379.41 -13.62 0.00	191.25 -6.95 0.00	165.82 -4.65 0.00	203.27 -3.16 0.00	91.11 -0.14 0.00	91.51 0.69 0.00	58.20 0.60 0.00

FREEPORT_EQUS_GT1 23764	51.53 3.59 0.00	47.65 3.91 0.00	42.14 3.06 0.00	40.78 2.86 -0.12	41.49 2.81 0.00	44.93 2.88 -0.03	52.84 2.84 0.00	55.23 2.54 0.00	53.97 2.34 2.44	42.05 2.70 12.68	54.60 3.29 7.07	58.01 4.00 5.83	96.59 6.09 1.13	196.07 13.43 -7.33	271.54 23.88 4.80	742.04 63.14 -44.28	1609.99 11.89 -1465.67	1784.61 37.82 -1353.76	261.17 19.53 -43.44	198.40 14.33 -13.60	179.20 16.41 43.63	128.70 6.82 -30.63	164.38 4.52 -69.04	44.11 3.02 16.52
FREEPORT___CT2 23818	51.53 3.59 0.00	47.65 3.91 0.00	42.14 3.06 0.00	40.78 2.86 -0.12	41.49 2.81 0.00	44.93 2.88 -0.03	52.84 2.84 0.00	55.23 2.54 0.00	53.97 2.34 2.44	42.05 2.70 12.68	54.60 3.29 7.07	58.01 4.00 5.83	96.59 6.09 1.13	196.07 13.43 -7.33	271.54 23.88 4.80	742.04 63.14 -44.28	1609.99 11.89 -1465.67	1784.61 37.82 -1353.76	261.17 19.53 -43.44	198.40 14.33 -13.60	179.20 16.41 43.63	128.70 6.82 -30.63	164.38 4.52 -69.04	44.11 3.02 16.52
FRESHKLS_33_KV_LOAD 356253	50.95 3.01 0.00	47.21 3.47 0.00	42.06 2.98 0.00	40.79 2.87 -0.12	41.52 2.84 0.00	45.03 2.98 -0.03	52.39 2.69 0.30	55.68 3.00 0.00	56.91 2.84 0.00	55.13 3.09 0.00	61.73 3.35 0.00	63.33 4.00 0.50	98.44 6.82 0.00	200.79 14.64 -10.85	283.78 25.32 -6.00	708.39 66.66 -7.11	1958.08 10.87 -1814.78	1961.20 33.67 -1534.50	259.65 17.94 -43.51	212.91 14.52 -27.92	223.78 17.35 0.00	98.35 7.09 0.00	96.03 5.22 0.00	61.02 3.42 0.00
FULTON COGEN____ 23766	53.97 -0.42 -6.46	43.96 -0.53 -0.76	38.43 -0.65 0.00	37.19 -0.61 0.00	38.11 -0.57 0.00	42.07 -0.55 -0.59	51.13 -0.69 -1.82	52.06 -0.62 0.00	53.42 -0.66 0.00	51.75 -0.56 -0.27	66.50 -0.66 -8.78	68.41 -0.55 -9.12	106.78 -0.62 -15.77	187.43 -1.18 -13.30	259.51 -1.16 -8.20	642.15 -6.80 -14.33	132.50 -1.08 -1.15	391.57 -1.46 0.00	197.58 -0.62 0.00	170.14 -0.33 0.00	206.47 -0.84 -0.88	94.28 -0.76 -3.79	90.82 -0.99 -0.99	58.18 -0.72 -1.29
FULTON___LFGE 323630	51.38 3.45 0.00	46.64 2.91 0.00	41.55 2.47 0.00	40.16 2.36 0.00	41.12 2.44 0.00	44.76 2.74 0.00	53.29 3.28 0.00	56.07 3.39 0.00	57.15 3.07 0.00	54.39 2.35 0.00	60.77 2.39 0.00	62.09 2.26 0.00	94.90 3.28 0.00	175.49 5.34 5.15	261.84 9.37 0.00	674.73 40.11 0.00	139.76 9.25 1.93	421.71 27.28 -1.40	216.44 13.89 -4.35	182.77 12.30 0.00	222.19 15.76 0.00	98.20 6.95 0.00	97.36 6.55 0.00	61.60 4.00 0.00
G.F.CEMENT___DRP 24184	50.44 2.51 0.00	46.47 2.74 0.00	41.39 2.32 0.00	40.14 2.34 0.00	41.09 2.41 0.00	44.67 2.65 0.00	52.92 2.92 0.00	55.58 2.89 0.00	56.94 2.86 0.00	54.80 2.76 0.00	61.06 2.68 0.00	62.48 2.64 0.00	95.31 3.68 0.00	173.86 6.80 8.25	265.36 13.06 0.17	678.75 44.26 0.13	151.81 9.73 -9.65	439.81 32.19 -14.59	221.35 18.68 -4.46	184.83 14.36 0.00	222.75 16.33 0.00	97.73 6.48 0.00	96.36 5.54 0.00	60.80 3.20 0.00
GARDENVILLE___LBMP 24039	47.86 -0.07 0.00	42.94 -0.79 0.00	37.44 -1.63 0.00	36.25 -1.54 0.00	37.26 -1.42 0.00	40.97 -1.05 0.00	48.61 -1.39 0.00	50.58 -2.11 0.00	51.98 -2.11 0.00	49.82 -1.92 0.29	57.57 -0.80 0.00	59.54 -0.30 0.00	92.05 0.42 0.00	175.57 0.27 0.00	253.69 1.22 0.00	618.73 -15.89 0.00	129.50 -3.09 -0.16	374.35 -6.64 12.04	190.27 -5.07 2.86	167.94 -2.53 0.00	202.77 -3.66 0.00	89.55 -1.70 0.00	89.66 -1.16 0.00	57.66 0.06 0.00
GARDNVLA_35_KV_LD 355827	48.21 0.27 0.00	43.19 -0.55 0.00	37.65 -1.42 0.00	36.47 -1.33 0.00	37.48 -1.20 0.00	41.17 -0.86 0.00	48.84 -1.16 0.00	50.91 -1.78 0.00	52.35 -1.73 0.00	50.35 -1.53 0.16	58.12 -0.26 0.00	60.12 0.29 0.00	93.01 1.39 0.00	177.24 1.93 0.00	256.05 3.59 0.00	625.14 -9.47 0.00	131.82 -1.70 -1.09	385.16 -1.99 5.88	193.81 -2.99 1.40	169.56 -0.91 0.00	204.46 -1.97 0.00	90.13 -1.12 0.00	90.19 -0.63 0.00	57.99 0.38 0.00
GELCKHM___115KV_LOAD 80723	49.62 -0.14 -1.82	43.75 -0.20 -0.21	38.70 -0.37 0.00	37.47 -0.33 0.00	38.39 -0.29 0.00	41.95 -0.24 -0.17	50.19 -0.32 -0.51	52.35 -0.34 0.00	53.75 -0.32 0.00	51.91 -0.21 -0.08	60.71 -0.14 -2.48	62.38 -0.03 -2.57	96.16 0.08 -4.45	179.11 0.06 -3.75	255.56 0.78 -2.31	637.36 -1.30 -4.04	133.71 -0.02 -1.30	394.64 1.61 0.00	199.13 0.93 0.00	171.37 0.90 0.00	207.32 0.64 -0.25	92.35 0.03 -1.07	91.01 -0.09 -0.28	57.76 -0.21 -0.36
GENERAL___MILLS 23808	48.09 0.16 0.00	43.10 -0.63 0.00	37.58 -1.49 0.00	36.41 -1.39 0.00	37.42 -1.26 0.00	41.10 -0.93 0.00	48.76 -1.25 0.00	50.80 -1.88 0.00	52.22 -1.85 0.00	50.22 -1.65 0.16	57.95 -0.43 0.00	59.95 0.11 0.00	92.70 1.08 0.00	176.64 1.33 0.00	255.19 2.72 0.00	622.61 -12.01 0.00	131.24 -2.24 -1.05	383.35 -3.52 6.16	192.97 -3.77 1.46	168.90 -1.58 0.00	203.70 -2.73 0.00	89.85 -1.40 0.00	89.93 -0.89 0.00	57.84 0.23 0.00
GE_PLASTICS___DRP 24183	47.95 0.02 0.00	44.17 0.43 0.00	39.50 0.42 0.00	38.33 0.53 0.00	39.18 0.50 0.00	42.50 0.47 0.00	50.14 0.14 0.00	52.70 0.01 0.00	53.92 -0.15 0.00	52.02 -0.02 0.00	58.08 -0.29 0.00	59.67 -0.17 0.00	91.30 -0.32 0.00	170.73 0.39 4.96	255.44 3.15 0.17	648.81 14.32 0.13	145.33 3.49 -9.40	417.76 10.97 -13.76	207.04 6.36 -2.47	174.82 4.35 0.00	210.51 4.09 0.00	92.50 1.25 0.00	91.52 0.70 0.00	57.96 0.36 0.00
GILBOA___1 23756	48.93 1.00 0.00	44.94 1.21 0.00	40.32 1.25 0.00	39.20 1.41 0.00	40.10 1.42 0.00	43.52 1.50 0.00	51.12 1.12 0.00	53.58 0.89 0.00	54.85 0.78 0.00	52.90 0.87 0.00	59.26 0.88 0.00	60.92 1.09 0.00	93.04 1.42 0.00	180.57 2.97 -2.29	258.53 6.06 0.00	654.18 19.57 0.00	137.08 4.68 0.03	404.93 15.22 3.32	207.20 8.18 -0.82	176.84 6.37 0.00	213.00 6.58 0.00	93.72 2.47 0.00	92.93 2.11 0.00	58.88 1.27 0.00
GILBOA___2 23757	48.93 1.00 0.00	44.94 1.21 0.00	40.32 1.25 0.00	39.20 1.41 0.00	40.10 1.42 0.00	43.52 1.50 0.00	51.12 1.12 0.00	53.58 0.89 0.00	54.85 0.78 0.00	52.90 0.87 0.00	59.26 0.88 0.00	60.92 1.09 0.00	93.04 1.42 0.00	180.57 2.97 -2.29	258.53 6.06 0.00	654.18 19.57 0.00	137.08 4.68 0.03	404.93 15.22 3.32	207.20 8.18 -0.82	176.84 6.37 0.00	213.00 6.58 0.00	93.72 2.47 0.00	92.93 2.11 0.00	58.88 1.27 0.00
GILBOA___3 23758	48.93 1.00 0.00	44.94 1.21 0.00	40.32 1.25 0.00	39.20 1.41 0.00	40.10 1.42 0.00	43.52 1.50 0.00	51.12 1.12 0.00	53.58 0.89 0.00	54.85 0.78 0.00	52.90 0.87 0.00	59.26 0.88 0.00	60.92 1.09 0.00	93.04 1.42 0.00	180.57 2.97 -2.29	258.53 6.06 0.00	654.18 19.57 0.00	137.08 4.68 0.03	404.93 15.22 3.32	207.20 8.18 -0.82	176.84 6.37 0.00	213.00 6.58 0.00	93.72 2.47 0.00	92.93 2.11 0.00	58.88 1.27 0.00
GILBOA___4 23759	48.93 1.00 0.00	44.94 1.21 0.00	40.32 1.25 0.00	39.20 1.41 0.00	40.10 1.42 0.00	43.52 1.50 0.00	51.12 1.12 0.00	53.58 0.89 0.00	54.85 0.78 0.00	52.90 0.87 0.00	59.26 0.88 0.00	60.92 1.09 0.00	93.04 1.42 0.00	180.57 2.97 -2.29	258.53 6.06 0.00	654.18 19.57 0.00	137.08 4.68 0.03	404.93 15.22 3.32	207.20 8.18 -0.82	176.84 6.37 0.00	213.00 6.58 0.00	93.72 2.47 0.00	92.93 2.11 0.00	58.88 1.27 0.00

GILBOA____ 23599	48.94 1.00 0.00	44.94 1.21 0.00	40.32 1.25 0.00	39.20 1.41 0.00	40.09 1.42 0.00	43.52 1.50 0.00	51.12 1.12 0.00	53.57 0.89 0.00	54.85 0.77 0.00	52.90 0.87 0.00	59.26 0.88 0.00	60.92 1.09 0.00	93.04 1.42 0.00	180.60 3.00 -2.29	258.51 6.04 0.00	654.24 19.62 0.00	137.13 4.72 0.03	404.98 15.27 3.32	207.20 8.17 -0.82	176.84 6.37 0.00	213.00 6.58 0.00	93.70 2.45 0.00	92.93 2.11 0.00	58.87 1.27 0.00
GINNA____ 23603	46.56 -1.37 0.00	42.05 -1.69 0.00	37.03 -2.05 0.00	35.82 -1.97 0.00	36.75 -1.93 0.00	40.15 -1.88 0.00	47.76 -2.24 0.00	50.14 -2.55 0.00	51.65 -2.43 0.00	49.90 -2.13 0.00	56.67 -1.71 0.00	58.47 -1.37 0.00	90.03 -1.60 0.00	171.79 -3.52 0.00	247.21 -5.26 0.00	612.23 -22.39 0.00	129.58 -4.44 -1.58	381.62 -11.41 0.00	192.48 -5.88 -0.15	166.31 -4.16 0.00	200.37 -6.05 0.00	88.04 -3.21 0.00	87.57 -3.25 0.00	55.74 -1.86 0.00
GLEN PARK____ 23778	53.53 2.94 -2.65	46.80 2.75 -0.31	40.81 1.73 0.00	39.24 1.45 0.00	40.55 1.88 0.00	44.23 1.96 -0.24	53.24 2.49 -0.75	54.96 2.27 0.00	56.18 2.10 0.00	54.53 2.39 -0.11	64.70 2.71 -3.61	66.17 2.58 -3.75	101.88 3.77 -6.48	184.99 4.22 -5.46	259.39 3.55 -3.37	637.50 -3.01 -5.89	132.50 -0.70 -0.77	398.60 5.57 0.00	201.12 2.91 0.00	175.76 5.29 0.00	216.90 10.11 -0.36	96.87 4.06 -1.56	95.08 3.86 -0.41	59.85 1.71 -0.53
GLENDAL_27_KV_LOAD 356172	51.37 3.43 0.00	47.35 3.62 0.00	42.08 3.00 0.00	40.85 2.93 -0.12	41.59 2.91 0.00	45.13 3.08 -0.03	53.21 3.21 0.00	56.01 3.32 0.00	57.29 3.21 0.00	55.62 3.58 0.00	62.46 4.08 0.00	64.53 4.69 0.00	99.28 7.66 0.00	202.23 16.08 -10.85	285.43 26.97 -6.00	886.02 71.14 -180.26	2625.03 13.23 -2479.37	2235.34 40.35 -1801.96	262.17 20.46 -43.51	214.36 15.97 -27.92	225.10 18.67 0.00	98.71 7.46 0.00	96.41 5.60 0.00	61.30 3.70 0.00
GLENWOOD_IC_1_G5 23712	51.32 3.39 0.00	47.36 3.62 0.00	41.98 2.90 0.00	40.71 2.79 -0.12	41.42 2.74 0.00	44.91 2.85 -0.03	52.91 2.91 0.00	55.48 2.80 0.00	55.24 2.62 1.46	47.46 3.00 7.58	57.66 3.51 4.23	60.32 3.98 3.49	97.53 6.58 0.67	198.40 14.35 -8.75	276.80 24.85 0.52	798.53 65.85 -98.06	2018.28 12.63 -1873.22	1974.71 39.11 -1542.58	261.51 19.87 -43.44	205.03 14.92 -19.64	197.12 16.80 26.11	136.85 6.66 -38.93	171.14 4.78 -75.54	51.00 3.26 9.87
GLENWOOD_IC_2_G1 23688	51.04 3.11 0.00	47.07 3.34 0.00	41.77 2.69 0.00	40.52 2.60 -0.12	41.24 2.56 0.00	44.73 2.68 -0.03	52.71 2.71 0.00	55.30 2.61 0.00	56.52 2.46 0.01	54.78 2.78 0.03	61.67 3.33 0.04	63.76 3.96 0.03	98.15 6.53 0.01	200.17 14.04 -10.83	282.35 24.20 -5.69	876.58 64.26 -177.70	2623.04 12.26 -2478.35	2224.69 38.21 -1793.46	261.33 19.68 -43.44	213.15 14.95 -27.73	223.09 16.92 0.25	131.87 6.81 -33.81	145.33 4.85 -49.66	60.60 3.06 0.06
GLENWOOD_IC_3_G1 23689	51.04 3.11 0.00	47.07 3.34 0.00	41.77 2.69 0.00	40.52 2.60 -0.12	41.24 2.56 0.00	44.73 2.68 -0.03	52.71 2.71 0.00	55.30 2.61 0.00	56.52 2.46 0.01	54.78 2.78 0.03	61.67 3.33 0.04	63.76 3.96 0.03	98.15 6.53 0.01	200.17 14.04 -10.83	282.35 24.20 -5.69	876.58 64.26 -177.70	2623.04 12.26 -2478.35	2224.69 38.21 -1793.46	261.33 19.68 -43.44	213.15 14.95 -27.73	223.09 16.92 0.25	131.87 6.81 -33.81	145.33 4.85 -49.66	60.60 3.06 0.06
GLENWOOD____4 23550	51.32 3.39 0.00	47.36 3.62 0.00	41.98 2.90 0.00	40.71 2.79 -0.12	41.42 2.74 0.00	44.91 2.85 -0.03	52.91 2.91 0.00	55.48 2.80 0.00	55.24 2.62 1.46	47.46 3.00 7.58	57.71 3.56 4.23	60.47 4.12 3.49	97.76 6.81 0.67	198.82 14.77 -8.75	277.45 25.51 0.52	800.12 67.44 -98.06	2018.61 12.96 -1873.22	1975.65 40.04 -1542.58	261.97 20.33 -43.44	205.43 15.32 -19.64	197.58 17.26 26.11	137.03 6.85 -38.93	171.33 4.97 -75.54	51.00 3.26 9.87
GLENWOOD____5 23614	51.32 3.39 0.00	47.36 3.62 0.00	41.98 2.90 0.00	40.71 2.79 -0.12	41.42 2.74 0.00	44.91 2.85 -0.03	52.91 2.91 0.00	55.48 2.80 0.00	55.24 2.62 1.46	47.46 3.00 7.58	57.71 3.56 4.23	60.47 4.12 3.49	97.76 6.81 0.67	198.82 14.77 -8.75	277.45 25.51 0.52	800.12 67.44 -98.06	2018.61 12.96 -1873.22	1975.65 40.04 -1542.58	261.97 20.33 -43.44	205.43 15.32 -19.64	197.58 17.26 26.11	137.03 6.85 -38.93	171.33 4.97 -75.54	51.00 3.26 9.87
GLOBAL GREEN_PORT_GT1 23814	53.06 5.12 0.00	48.61 4.87 0.00	42.34 3.27 0.00	40.66 2.74 -0.12	41.23 2.56 0.00	44.85 2.80 -0.03	52.57 2.57 0.00	55.80 3.12 0.00	52.43 2.77 4.42	31.12 2.96 23.87	48.78 3.21 12.80	53.10 3.82 10.55	92.70 6.53 5.46	182.21 12.18 5.28	259.75 22.60 15.32	595.38 47.94 87.19	687.00 7.25 -547.31	1470.65 24.84 -1052.78	260.55 19.34 -43.01	184.52 14.87 0.81	135.35 15.23 86.32	32.00 6.37 65.61	95.44 3.71 -0.91	30.37 3.50 30.73
GLOBE____DSASP 323697	46.94 -0.99 0.00	42.14 -1.59 0.00	36.66 -2.42 0.00	35.48 -2.32 0.00	36.44 -2.24 0.00	40.07 -1.96 0.00	47.26 -2.74 0.00	48.84 -3.85 0.00	50.27 -3.80 0.00	48.35 -3.56 0.12	55.88 -2.50 0.00	57.88 -1.96 0.00	89.36 -2.26 0.00	169.91 -5.40 0.00	244.26 -8.21 0.00	595.10 -39.52 0.00	125.76 -7.82 -1.14	366.49 -22.00 4.54	185.04 -12.08 1.08	161.31 -9.15 0.00	194.62 -11.81 0.00	85.85 -5.40 0.00	86.27 -4.55 0.00	55.85 -1.75 0.00
GOETHSLN____LBMP 323567	50.75 2.82 0.00	46.81 3.08 0.00	41.62 2.54 0.00	40.40 2.48 -0.12	41.11 2.43 0.00	44.59 2.54 -0.03	51.20 2.59 1.40	55.34 2.65 0.00	56.58 2.50 0.00	54.87 2.84 0.00	61.67 3.29 0.00	63.74 3.91 0.00	98.10 6.48 0.00	200.19 14.04 -10.84	282.38 23.93 -5.98	706.93 63.23 -9.08	1806.74 11.85 -1662.46	1949.66 36.23 -1520.40	260.18 18.44 -43.54	212.46 14.03 -27.95	222.80 16.38 0.00	97.82 6.57 0.00	95.60 4.78 0.00	60.67 3.06 0.00
GOLAH____69_KV_TB 1_2 80279	49.14 1.21 0.00	44.25 0.52 0.00	38.82 -0.25 0.00	37.58 -0.22 0.00	38.57 -0.10 0.00	42.20 0.18 0.00	50.17 0.17 0.00	52.54 -0.15 0.00	54.09 0.02 0.00	52.23 0.19 0.00	59.60 1.23 0.00	61.46 1.62 0.00	94.71 3.09 0.00	180.44 5.13 0.00	259.99 7.52 0.00	639.96 5.34 0.00	135.25 1.31 -1.51	398.29 6.16 0.90	200.98 2.84 0.06	174.15 3.68 0.00	210.14 3.71 0.00	92.51 1.26 0.00	92.12 1.31 0.00	58.84 1.23 0.00
GOODYEAR_LAKE_HYD 323669	50.08 2.15 0.00	45.59 1.85 0.00	40.62 1.54 0.00	39.33 1.53 0.00	40.28 1.60 0.00	43.86 1.84 0.00	52.00 2.00 0.00	54.81 2.12 0.00	56.15 2.08 0.00	54.19 2.16 0.00	61.01 2.63 0.00	62.70 2.86 0.00	96.17 4.55 0.00	184.68 9.38 0.00	267.21 14.52 -0.22	668.67 33.88 -0.16	128.31 7.59 11.72	404.14 24.13 13.02	211.67 11.68 -1.79	180.95 10.48 0.00	218.56 12.14 0.00	96.34 5.09 0.00	95.38 4.57 0.00	60.34 2.73 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	48.34 0.41 0.00	44.02 0.29 0.00	39.11 0.03 0.00	37.92 0.12 0.00	38.88 0.21 0.00	42.42 0.40 0.00	50.28 0.27 0.00	52.86 0.18 0.00	54.23 0.15 0.00	52.29 0.25 0.00	59.01 0.63 0.00	60.59 0.75 0.00	93.11 1.49 0.00	180.10 3.23 -1.56	259.86 7.18 -0.22	647.22 12.44 -0.16	123.24 2.53 11.73	391.37 11.95 13.61	203.48 4.70 -0.58	175.44 4.97 0.00	211.42 4.99 0.00	93.17 1.92 0.00	92.22 1.40 0.00	58.40 0.79 0.00

GOUDEY___7 23579	48.34 0.41 0.00	44.02 0.29 0.00	39.11 0.03 0.00	37.92 0.12 0.00	38.88 0.21 0.00	42.42 0.40 0.00	50.28 0.27 0.00	52.86 0.18 0.00	54.23 0.15 0.00	52.29 0.25 0.00	59.01 0.63 0.00	60.59 0.75 0.00	93.11 1.49 0.00	180.10 3.23 -1.56	259.86 7.18 -0.22	647.22 12.44 -0.16	123.24 2.53 11.73	391.37 11.95 13.61	203.48 4.70 -0.58	175.44 4.97 0.00	211.42 4.99 0.00	93.17 1.92 0.00	92.22 1.40 0.00	58.40 0.79 0.00
GOUDEY___8 23580	48.34 0.41 0.00	44.02 0.29 0.00	39.11 0.03 0.00	37.92 0.12 0.00	38.88 0.21 0.00	42.42 0.40 0.00	50.28 0.27 0.00	52.86 0.18 0.00	54.23 0.15 0.00	52.29 0.25 0.00	59.01 0.63 0.00	60.59 0.75 0.00	93.11 1.49 0.00	180.10 3.23 -1.56	259.86 7.18 -0.22	647.22 12.44 -0.16	123.24 2.53 11.73	391.37 11.95 13.61	203.48 4.70 -0.58	175.44 4.97 0.00	211.42 4.99 0.00	93.17 1.92 0.00	92.22 1.40 0.00	58.40 0.79 0.00
GOWANUS_GT1_1 24077	51.19 3.26 0.00	47.30 3.56 0.00	42.06 2.98 0.00	40.81 2.89 -0.12	41.53 2.85 0.00	45.06 3.01 -0.03	52.95 2.94 0.00	55.84 3.15 0.00	57.10 3.02 0.00	55.37 3.33 0.00	62.10 3.73 0.00	64.16 4.33 0.00	98.70 7.08 0.00	201.18 15.03 -10.85	284.19 25.73 -6.00	722.21 67.48 -20.11	2049.89 11.49 -1905.98	1962.79 35.25 -1534.52	259.95 18.24 -43.51	212.86 14.47 -27.92	223.64 17.22 0.00	98.19 6.94 0.00	95.94 5.12 0.00	61.01 3.40 0.00
GOWANUS_GT1_2 24078	51.19 3.26 0.00	47.30 3.56 0.00	42.06 2.98 0.00	40.81 2.89 -0.12	41.53 2.85 0.00	45.06 3.01 -0.03	52.95 2.94 0.00	55.84 3.15 0.00	57.10 3.02 0.00	55.37 3.33 0.00	62.10 3.73 0.00	64.16 4.33 0.00	98.70 7.08 0.00	201.18 15.03 -10.85	284.19 25.73 -6.00	722.21 67.48 -20.11	2049.89 11.49 -1905.98	1962.79 35.25 -1534.52	259.95 18.24 -43.51	212.86 14.47 -27.92	223.64 17.22 0.00	98.19 6.94 0.00	95.94 5.12 0.00	61.01 3.40 0.00
GOWANUS_GT1_3 24079	51.19 3.26 0.00	47.30 3.56 0.00	42.06 2.98 0.00	40.81 2.89 -0.12	41.53 2.85 0.00	45.06 3.01 -0.03	52.95 2.94 0.00	55.84 3.15 0.00	57.10 3.02 0.00	55.37 3.33 0.00	62.10 3.73 0.00	64.16 4.33 0.00	98.70 7.08 0.00	201.18 15.03 -10.85	284.19 25.73 -6.00	722.21 67.48 -20.11	2049.89 11.49 -1905.98	1962.79 35.25 -1534.52	259.95 18.24 -43.51	212.86 14.47 -27.92	223.64 17.22 0.00	98.19 6.94 0.00	95.94 5.12 0.00	61.01 3.40 0.00
GOWANUS_GT1_4 24080	51.19 3.26 0.00	47.30 3.56 0.00	42.06 2.98 0.00	40.81 2.89 -0.12	41.53 2.85 0.00	45.06 3.01 -0.03	52.95 2.94 0.00	55.84 3.15 0.00	57.10 3.02 0.00	55.37 3.33 0.00	62.10 3.73 0.00	64.16 4.33 0.00	98.70 7.08 0.00	201.18 15.03 -10.85	284.19 25.73 -6.00	722.21 67.48 -20.11	2049.89 11.49 -1905.98	1962.79 35.25 -1534.52	259.95 18.24 -43.51	212.86 14.47 -27.92	223.64 17.22 0.00	98.19 6.94 0.00	95.94 5.12 0.00	61.01 3.40 0.00
GOWANUS_GT1_5 24084	51.19 3.26 0.00	47.30 3.56 0.00	42.06 2.98 0.00	40.81 2.89 -0.12	41.53 2.85 0.00	45.06 3.01 -0.03	52.95 2.94 0.00	55.84 3.15 0.00	57.10 3.02 0.00	55.37 3.33 0.00	62.10 3.73 0.00	64.16 4.33 0.00	98.70 7.08 0.00	201.18 15.03 -10.85	284.19 25.73 -6.00	722.21 67.48 -20.11	2049.89 11.49 -1905.98	1962.79 35.25 -1534.52	259.95 18.24 -43.51	212.86 14.47 -27.92	223.64 17.22 0.00	98.19 6.94 0.00	95.94 5.12 0.00	61.01 3.40 0.00
GOWANUS_GT1_6 24111	51.19 3.26 0.00	47.30 3.56 0.00	42.06 2.98 0.00	40.81 2.89 -0.12	41.53 2.85 0.00	45.06 3.01 -0.03	52.95 2.94 0.00	55.84 3.15 0.00	57.10 3.02 0.00	55.37 3.33 0.00	62.10 3.73 0.00	64.16 4.33 0.00	98.70 7.08 0.00	201.18 15.03 -10.85	284.19 25.73 -6.00	722.21 67.48 -20.11	2049.89 11.49 -1905.98	1962.79 35.25 -1534.52	259.95 18.24 -43.51	212.86 14.47 -27.92	223.64 17.22 0.00	98.19 6.94 0.00	95.94 5.12 0.00	61.01 3.40 0.00
GOWANUS_GT1_7 24112	51.19 3.26 0.00	47.30 3.56 0.00	42.06 2.98 0.00	40.81 2.89 -0.12	41.53 2.85 0.00	45.06 3.01 -0.03	52.95 2.94 0.00	55.84 3.15 0.00	57.10 3.02 0.00	55.37 3.33 0.00	62.10 3.73 0.00	64.16 4.33 0.00	98.70 7.08 0.00	201.18 15.03 -10.85	284.19 25.73 -6.00	722.21 67.48 -20.11	2049.89 11.49 -1905.98	1962.79 35.25 -1534.52	259.95 18.24 -43.51	212.86 14.47 -27.92	223.64 17.22 0.00	98.19 6.94 0.00	95.94 5.12 0.00	61.01 3.40 0.00
GOWANUS_GT1_8 24113	51.19 3.26 0.00	47.30 3.56 0.00	42.06 2.98 0.00	40.81 2.89 -0.12	41.53 2.85 0.00	45.06 3.01 -0.03	52.95 2.94 0.00	55.84 3.15 0.00	57.10 3.02 0.00	55.37 3.33 0.00	62.10 3.73 0.00	64.16 4.33 0.00	98.70 7.08 0.00	201.18 15.03 -10.85	284.19 25.73 -6.00	722.21 67.48 -20.11	2049.89 11.49 -1905.98	1962.79 35.25 -1534.52	259.95 18.24 -43.51	212.86 14.47 -27.92	223.64 17.22 0.00	98.19 6.94 0.00	95.94 5.12 0.00	61.01 3.40 0.00
GOWANUS_GT2_1 24114	51.19 3.25 0.00	47.30 3.56 0.00	42.06 2.98 0.00	40.81 2.89 -0.12	41.53 2.85 0.00	45.06 3.01 -0.03	52.95 2.95 0.00	55.83 3.14 0.00	57.11 3.03 0.00	55.36 3.33 0.00	62.11 3.73 0.00	64.16 4.33 0.00	98.71 7.08 0.00	201.14 14.99 -10.85	284.14 25.67 -6.00	710.89 67.75 -8.53	2013.52 11.41 -1869.68	1962.76 35.21 -1534.52	259.87 18.16 -43.51	212.88 14.49 -27.92	223.59 17.16 0.00	98.19 6.94 0.00	95.95 5.14 0.00	61.01 3.40 0.00
GOWANUS_GT2_2 24115	51.19 3.25 0.00	47.30 3.56 0.00	42.06 2.98 0.00	40.81 2.89 -0.12	41.53 2.85 0.00	45.06 3.01 -0.03	52.95 2.95 0.00	55.83 3.14 0.00	57.11 3.03 0.00	55.36 3.33 0.00	62.11 3.73 0.00	64.16 4.33 0.00	98.71 7.08 0.00	201.14 14.99 -10.85	284.14 25.67 -6.00	710.89 67.75 -8.53	2013.52 11.41 -1869.68	1962.76 35.21 -1534.52	259.87 18.16 -43.51	212.88 14.49 -27.92	223.59 17.16 0.00	98.19 6.94 0.00	95.95 5.14 0.00	61.01 3.40 0.00
GOWANUS_GT2_3 24116	51.19 3.25 0.00	47.30 3.56 0.00	42.06 2.98 0.00	40.81 2.89 -0.12	41.53 2.85 0.00	45.06 3.01 -0.03	52.95 2.95 0.00	55.83 3.14 0.00	57.11 3.03 0.00	55.36 3.33 0.00	62.11 3.73 0.00	64.16 4.33 0.00	98.71 7.08 0.00	201.14 14.99 -10.85	284.14 25.67 -6.00	710.89 67.75 -8.53	2013.52 11.41 -1869.68	1962.76 35.21 -1534.52	259.87 18.16 -43.51	212.88 14.49 -27.92	223.59 17.16 0.00	98.19 6.94 0.00	95.95 5.14 0.00	61.01 3.40 0.00
GOWANUS_GT2_4 24117	51.19 3.25 0.00	47.30 3.56 0.00	42.06 2.98 0.00	40.81 2.89 -0.12	41.53 2.85 0.00	45.06 3.01 -0.03	52.95 2.95 0.00	55.83 3.14 0.00	57.11 3.03 0.00	55.36 3.33 0.00	62.11 3.73 0.00	64.16 4.33 0.00	98.71 7.08 0.00	201.14 14.99 -10.85	284.14 25.67 -6.00	710.89 67.75 -8.53	2013.52 11.41 -1869.68	1962.76 35.21 -1534.52	259.87 18.16 -43.51	212.88 14.49 -27.92	223.59 17.16 0.00	98.19 6.94 0.00	95.95 5.14 0.00	61.01 3.40 0.00
GOWANUS_GT2_5 24118	51.19 3.25 0.00	47.30 3.56 0.00	42.06 2.98 0.00	40.81 2.89 -0.12	41.53 2.85 0.00	45.06 3.01 -0.03	52.95 2.95 0.00	55.83 3.14 0.00	57.11 3.03 0.00	55.36 3.33 0.00	62.11 3.73 0.00	64.16 4.33 0.00	98.71 7.08 0.00	201.14 14.99 -10.85	284.14 25.67 -6.00	710.89 67.75 -8.53	2013.52 11.41 -1869.68	1962.76 35.21 -1534.52	259.87 18.16 -43.51	212.88 14.49 -27.92	223.59 17.16 0.00	98.19 6.94 0.00	95.95 5.14 0.00	61.01 3.40 0.00

GOWANUS_GT2_6 24119	51.19 3.25 0.00	47.30 3.56 0.00	42.06 2.98 0.00	40.81 2.89 -0.12	41.53 2.85 0.00	45.06 3.01 -0.03	52.95 2.95 0.00	55.83 3.14 0.00	57.11 3.03 0.00	55.36 3.33 0.00	62.11 3.73 0.00	64.16 4.33 0.00	98.71 7.08 0.00	201.14 14.99 -10.85	284.14 25.67 -6.00	710.89 67.75 -8.53	2013.52 11.41 -1869.68	1962.76 35.21 -1534.52	259.87 18.16 -43.51	212.88 14.49 -27.92	223.59 17.16 0.00	98.19 6.94 0.00	95.95 5.14 0.00	61.01 3.40 0.00
GOWANUS_GT2_7 24120	51.19 3.25 0.00	47.30 3.56 0.00	42.06 2.98 0.00	40.81 2.89 -0.12	41.53 2.85 0.00	45.06 3.01 -0.03	52.95 2.95 0.00	55.83 3.14 0.00	57.11 3.03 0.00	55.36 3.33 0.00	62.11 3.73 0.00	64.16 4.33 0.00	98.71 7.08 0.00	201.14 14.99 -10.85	284.14 25.67 -6.00	710.89 67.75 -8.53	2013.52 11.41 -1869.68	1962.76 35.21 -1534.52	259.87 18.16 -43.51	212.88 14.49 -27.92	223.59 17.16 0.00	98.19 6.94 0.00	95.95 5.14 0.00	61.01 3.40 0.00
GOWANUS_GT2_8 24121	51.19 3.25 0.00	47.30 3.56 0.00	42.06 2.98 0.00	40.81 2.89 -0.12	41.53 2.85 0.00	45.06 3.01 -0.03	52.95 2.95 0.00	55.83 3.14 0.00	57.11 3.03 0.00	55.36 3.33 0.00	62.11 3.73 0.00	64.16 4.33 0.00	98.71 7.08 0.00	201.14 14.99 -10.85	284.14 25.67 -6.00	710.89 67.75 -8.53	2013.52 11.41 -1869.68	1962.76 35.21 -1534.52	259.87 18.16 -43.51	212.88 14.49 -27.92	223.59 17.16 0.00	98.19 6.94 0.00	95.95 5.14 0.00	61.01 3.40 0.00
GOWANUS_GT3_1 24122	51.19 3.25 0.00	47.30 3.56 0.00	42.06 2.98 0.00	40.81 2.89 -0.12	41.53 2.85 0.00	45.06 3.01 -0.03	52.95 2.95 0.00	55.83 3.14 0.00	57.11 3.03 0.00	55.36 3.33 0.00	62.11 3.73 0.00	64.16 4.33 0.00	98.71 7.08 0.00	201.14 14.99 -10.85	284.14 25.67 -6.00	722.47 67.75 -20.11	2049.85 11.44 -1905.98	1962.76 35.21 -1534.52	259.89 18.18 -43.51	212.88 14.49 -27.92	223.59 17.16 0.00	98.19 6.94 0.00	95.95 5.14 0.00	61.01 3.40 0.00
GOWANUS_GT3_2 24123	51.19 3.25 0.00	47.30 3.56 0.00	42.06 2.98 0.00	40.81 2.89 -0.12	41.53 2.85 0.00	45.06 3.01 -0.03	52.95 2.95 0.00	55.83 3.14 0.00	57.11 3.03 0.00	55.36 3.33 0.00	62.11 3.73 0.00	64.16 4.33 0.00	98.71 7.08 0.00	201.14 14.99 -10.85	284.14 25.67 -6.00	722.47 67.75 -20.11	2049.85 11.44 -1905.98	1962.76 35.21 -1534.52	259.89 18.18 -43.51	212.88 14.49 -27.92	223.59 17.16 0.00	98.19 6.94 0.00	95.95 5.14 0.00	61.01 3.40 0.00
GOWANUS_GT3_3 24124	51.19 3.25 0.00	47.30 3.56 0.00	42.06 2.98 0.00	40.81 2.89 -0.12	41.53 2.85 0.00	45.06 3.01 -0.03	52.95 2.95 0.00	55.83 3.14 0.00	57.11 3.03 0.00	55.36 3.33 0.00	62.11 3.73 0.00	64.16 4.33 0.00	98.71 7.08 0.00	201.14 14.99 -10.85	284.14 25.67 -6.00	722.47 67.75 -20.11	2049.85 11.44 -1905.98	1962.76 35.21 -1534.52	259.89 18.18 -43.51	212.88 14.49 -27.92	223.59 17.16 0.00	98.19 6.94 0.00	95.95 5.14 0.00	61.01 3.40 0.00
GOWANUS_GT3_4 24125	51.19 3.25 0.00	47.30 3.56 0.00	42.06 2.98 0.00	40.81 2.89 -0.12	41.53 2.85 0.00	45.06 3.01 -0.03	52.95 2.95 0.00	55.83 3.14 0.00	57.11 3.03 0.00	55.36 3.33 0.00	62.11 3.73 0.00	64.16 4.33 0.00	98.71 7.08 0.00	201.14 14.99 -10.85	284.14 25.67 -6.00	722.47 67.75 -20.11	2049.85 11.44 -1905.98	1962.76 35.21 -1534.52	259.89 18.18 -43.51	212.88 14.49 -27.92	223.59 17.16 0.00	98.19 6.94 0.00	95.95 5.14 0.00	61.

GOWANUS_GT4_5 24134	51.19 3.26 0.00	47.30 3.56 0.00	42.06 2.98 0.00	40.81 2.89 -0.12	41.53 2.85 0.00	45.06 3.01 -0.03	52.95 2.94 0.00	55.84 3.15 0.00	57.10 3.02 0.00	55.37 3.33 0.00	62.10 3.73 0.00	64.16 4.33 0.00	98.70 7.08 0.00	201.18 15.03 -10.85	284.19 25.73 -6.00	710.63 67.48 -8.53	2013.57 11.46 -1869.68	1962.76 35.21 -1534.52	259.89 18.17 -43.51	212.86 14.47 -27.92	223.64 17.22 0.00	98.19 6.94 0.00	95.94 5.12 0.00	61.01 3.40 0.00
GOWANUS_GT4_6 24135	51.19 3.26 0.00	47.30 3.56 0.00	42.06 2.98 0.00	40.81 2.89 -0.12	41.53 2.85 0.00	45.06 3.01 -0.03	52.95 2.94 0.00	55.84 3.15 0.00	57.10 3.02 0.00	55.37 3.33 0.00	62.10 3.73 0.00	64.16 4.33 0.00	98.70 7.08 0.00	201.18 15.03 -10.85	284.19 25.73 -6.00	710.63 67.48 -8.53	2013.57 11.46 -1869.68	1962.76 35.21 -1534.52	259.89 18.17 -43.51	212.86 14.47 -27.92	223.64 17.22 0.00	98.19 6.94 0.00	95.94 5.12 0.00	61.01 3.40 0.00
GOWANUS_GT4_7 24136	51.19 3.26 0.00	47.30 3.56 0.00	42.06 2.98 0.00	40.81 2.89 -0.12	41.53 2.85 0.00	45.06 3.01 -0.03	52.95 2.94 0.00	55.84 3.15 0.00	57.10 3.02 0.00	55.37 3.33 0.00	62.10 3.73 0.00	64.16 4.33 0.00	98.70 7.08 0.00	201.18 15.03 -10.85	284.19 25.73 -6.00	710.63 67.48 -8.53	2013.57 11.46 -1869.68	1962.76 35.21 -1534.52	259.89 18.17 -43.51	212.86 14.47 -27.92	223.64 17.22 0.00	98.19 6.94 0.00	95.94 5.12 0.00	61.01 3.40 0.00
GOWANUS_GT4_8 24137	51.19 3.26 0.00	47.30 3.56 0.00	42.06 2.98 0.00	40.81 2.89 -0.12	41.53 2.85 0.00	45.06 3.01 -0.03	52.95 2.94 0.00	55.84 3.15 0.00	57.10 3.02 0.00	55.37 3.33 0.00	62.10 3.73 0.00	64.16 4.33 0.00	98.70 7.08 0.00	201.18 15.03 -10.85	284.19 25.73 -6.00	710.63 67.48 -8.53	2013.57 11.46 -1869.68	1962.76 35.21 -1534.52	259.89 18.17 -43.51	212.86 14.47 -27.92	223.64 17.22 0.00	98.19 6.94 0.00	95.94 5.12 0.00	61.01 3.40 0.00
GREATVRV_69_KV_BK1 356245	52.10 4.17 0.00	48.28 4.55 0.00	42.61 3.53 0.00	41.15 3.22 -0.12	41.82 3.15 0.00	45.26 3.21 -0.03	53.12 3.12 0.00	55.39 2.71 0.00	52.20 2.40 4.28	31.90 2.95 23.09	49.46 3.48 12.40	53.90 4.28 10.22	93.26 7.29 5.65	184.98 15.01 5.33	263.50 25.94 14.91	619.94 64.37 79.05	752.83 11.98 -608.42	1506.88 40.32 -1073.53	263.39 22.21 -42.98	186.68 16.35 0.14	141.09 18.12 83.45	41.18 7.37 57.44	103.13 4.58 -7.73	31.11 3.24 29.73
GREENBSH_115KV_TB3 55895	48.05 0.11 0.00	44.24 0.50 0.00	39.53 0.45 0.00	38.36 0.57 0.00	39.22 0.55 0.00	42.52 0.50 0.00	50.21 0.21 0.00	52.77 0.08 0.00	54.00 -0.08 0.00	52.15 0.11 0.00	58.19 -0.19 0.00	59.79 -0.05 0.00	91.45 -0.17 0.00	168.50 0.24 7.05	255.21 2.92 0.18	649.53 15.05 0.14	146.46 3.80 -10.23	420.11 11.50 -15.58	207.78 6.67 -2.90	174.90 4.43 0.00	210.60 4.17 0.00	92.47 1.22 0.00	91.46 0.65 0.00	57.86 0.25 0.00
GREENDGE_115KV_TB5 80291	48.37 0.43 0.00	43.98 0.25 0.00	38.86 -0.21 0.00	37.61 -0.19 0.00	38.62 -0.06 0.00	42.37 0.34 0.00	50.31 0.30 0.00	52.41 -0.27 0.00	53.85 -0.22 0.00	52.11 -0.17 -0.24	58.74 0.36 0.00	60.28 0.45 0.00	92.44 0.82 0.00	177.31 2.00 0.00	256.74 4.27 0.00	631.77 -2.85 0.00	137.04 0.14 -4.46	409.65 4.55 -12.07	203.25 2.16 -2.89	174.25 3.79 0.00	209.97 3.54 0.00	92.71 1.46 0.00	91.98 1.16 0.00	58.34 0.73 0.00
GREENIDGE___3 23582	48.37 0.43 0.00	43.98 0.25 0.00	38.86 -0.21 0.00	37.61 -0.19 0.00	38.62 -0.06 0.00	42.37 0.34 0.00	50.31 0.30 0.00	52.41 -0.27 0.00	53.85 -0.22 0.00	52.11 -0.17 -0.24	58.74 0.36 0.00	60.28 0.45 0.00	92.44 0.82 0.00	177.31 2.00 0.00	256.74 4.27 0.00	631.77 -2.85 0.00	137.04 0.14 -4.46	409.65 4.55 -12.07	203.25 2.16 -2.89	174.25 3.79 0.00	209.97 3.54 0.00	92.71 1.46 0.00	91.98 1.16 0.00	58.34 0.73 0.00
GREENIDGE___4 23583	48.37 0.43 0.00	43.98 0.25 0.00	38.86 -0.21 0.00	37.61 -0.19 0.00	38.62 -0.06 0.00	42.37 0.35 0.00	50.31 0.30 0.00	52.42 -0.27 0.00	53.85 -0.22 0.00	52.12 -0.15 -0.24	58.75 0.37 0.00	60.30 0.46 0.00	92.45 0.82 0.00	177.33 2.02 0.00	256.75 4.29 0.00	631.77 -2.84 0.00	137.01 0.12 -4.46	409.68 4.58 -12.07	203.26 2.17 -2.89	174.25 3.79 0.00	209.98 3.55 0.00	92.69 1.44 0.00	92.02 1.20 0.00	58.34 0.74 0.00
GREENLWN_69_KV_BK 3 55738	50.74 2.81 0.00	47.25 3.52 0.00	41.76 2.69 0.00	40.41 2.49 -0.12	41.10 2.43 0.00	44.41 2.35 -0.03	52.11 2.10 0.00	54.14 1.46 0.00	50.82 1.06 4.31	30.26 1.53 23.30	47.75 1.88 12.51	52.04 2.52 10.31	84.93 4.45 11.15	170.73 10.35 14.92	254.02 19.34 17.79	596.79 51.89 89.72	710.69 9.41 -568.84	1470.66 30.39 -1047.23	256.46 15.90 -42.36	177.24 11.15 4.38	134.25 12.14 84.32	35.31 4.74 60.68	84.58 2.77 9.01	29.43 1.82 30.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	51.19 3.26 0.00	47.30 3.56 0.00	42.06 2.98 0.00	40.81 2.89 -0.12	41.53 2.85 0.00	45.06 3.01 -0.03	52.95 2.94 0.00	55.84 3.15 0.00	57.10 3.02 0.00	55.37 3.33 0.00	62.10 3.73 0.00	64.16 4.33 0.00	98.70 7.08 0.00	201.18 15.03 -10.85	284.19 25.73 -6.00	710.67 67.52 -8.53	2013.61 11.50 -1869.68	1962.93 35.38 -1534.52	259.98 18.27 -43.51	212.86 14.47 -27.92	223.64 17.22 0.00	98.19 6.94 0.00	95.94 5.12 0.00	61.01 3.40 0.00
GRISSOM___SOLAR 323813	51.17 3.23 0.00	46.54 2.80 0.00	41.47 2.39 0.00	40.09 2.29 0.00	41.05 2.37 0.00	44.68 2.66 0.00	53.13 3.12 0.00	55.87 3.18 0.00	56.93 2.86 0.00	54.08 2.04 0.00	60.37 1.99 0.00	61.75 1.91 0.00	94.22 2.59 0.00	173.90 3.88 5.28	260.25 7.78 0.00	674.56 39.94 0.00	139.51 9.15 2.07	421.49 27.09 -1.36	216.43 13.81 -4.41	182.48 12.01 0.00	221.69 15.26 0.00	97.94 6.69 0.00	97.07 6.25 0.00	61.40 3.80 0.00
GROVEVILLE___HYD 323602	50.97 3.04 0.00	46.85 3.11 0.00	41.64 2.57 0.00	40.34 2.54 0.00	41.21 2.53 0.00	44.73 2.70 0.00	52.85 2.85 0.00	55.60 2.91 0.00	56.91 2.83 0.00	55.09 3.06 0.00	61.90 3.52 0.00	63.93 4.10 0.00	98.43 6.80 0.00	200.07 14.43 -10.33	276.63 24.16 0.00	701.50 66.89 0.00	148.43 13.95 -2.04	465.62 43.39 -29.21	222.58 21.59 -2.79	187.14 16.67 0.00	224.99 18.56 0.00	98.67 7.42 0.00	96.75 5.93 0.00	61.19 3.58 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	50.68 0.17 -2.58	44.11 0.07 -0.30	38.95 -0.13 0.00	37.72 -0.08 0.00	38.65 -0.03 0.00	42.32 0.06 -0.24	50.75 0.03 -0.72	52.72 0.03 0.00	54.15 0.07 0.00	52.31 0.16 -0.11	62.16 0.28 -3.50	63.81 0.34 -3.64	98.51 0.59 -6.30	181.43 0.82 -5.30	257.71 1.97 -3.28	642.07 1.73 -5.72	134.38 0.47 -1.48	396.35 3.33 0.00	200.05 1.71 -0.14	172.20 1.73 0.00	208.57 1.79 -0.35	93.42 0.65 -1.51	91.84 0.63 -0.39	58.31 0.19 -0.52
HAMLTNNY_34_KV_TB 80303	50.80 0.45 -2.41	44.26 0.24 -0.28	39.04 -0.04 0.00	37.77 -0.03 0.00	38.70 0.02 0.00	42.41 0.17 -0.22	50.84 0.16 -0.68	52.77 0.08 0.00	54.22 0.15 0.00	52.38 0.24 -0.10	62.08 0.43 -3.28	63.86 0.62 -3.41	98.74 1.22 -5.90	182.95 2.67 -4.97	260.11 4.57 -3.06	646.68 6.70 -5.36	135.05 1.04 -1.58	399.30 6.28 0.00	201.08 2.73 -0.15	173.46 2.99 0.00	209.95 3.20 -0.33	93.75 1.09 -1.42	92.17 0.99 -0.37	58.58 0.49 -0.48

HAMPSHIRE___PAPER_HYD 323593	50.47 1.56 -0.98	45.18 1.33 -0.11	39.99 0.92 0.00	38.51 0.71 0.00	39.62 0.95 0.00	43.04 0.92 -0.09	51.77 1.49 -0.27	54.09 1.40 0.00	55.28 1.20 0.00	53.35 1.27 -0.04	61.19 1.49 -1.32	62.32 1.11 -1.37	95.25 1.25 -2.37	177.91 0.60 -2.00	252.11 -1.59 -1.24	627.04 -9.73 -2.16	129.54 -2.89 0.00	384.86 -8.17 0.00	193.71 -4.50 0.00	168.33 -2.14 0.00	207.29 0.72 -0.13	92.73 0.91 -0.57	92.31 1.34 -0.15	58.47 0.67 -0.19
HARDSCRABBLE_WT_PWR 323673	48.82 0.88 0.00	44.84 1.10 0.00	40.00 0.92 0.00	38.75 0.95 0.00	39.60 0.92 0.00	42.99 0.96 0.00	50.66 0.66 0.00	53.09 0.40 0.00	54.01 -0.07 0.00	51.84 -0.19 0.00	58.23 -0.15 0.00	59.56 -0.28 0.00	91.61 -0.02 0.00	175.18 -0.13 0.00	256.03 3.56 0.00	664.78 30.16 0.00	138.69 6.26 0.00	413.54 20.51 0.00	208.87 10.67 0.00	178.47 8.00 0.00	214.84 8.41 0.00	94.69 3.44 0.00	93.36 2.54 0.00	58.84 1.24 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	50.76 2.83 0.00	46.65 2.91 0.00	41.46 2.38 0.00	40.16 2.37 0.01	41.03 2.35 0.00	44.52 2.50 0.00	52.57 2.57 0.00	55.27 2.59 0.00	56.56 2.48 0.00	54.82 2.78 0.00	61.68 3.30 0.00	63.78 3.95 0.00	98.23 6.61 0.00	199.13 13.93 -9.90	279.08 23.66 -2.96	682.89 64.54 16.27	-255.01 13.06 400.50	55.76 40.70 377.96	196.35 20.49 22.34	147.13 15.44 38.78	223.61 17.18 0.00	98.12 6.87 0.00	96.19 5.38 0.00	60.88 3.27 0.00
HARSNRAD_115KV_TB1 81005	47.61 -0.32 0.00	42.62 -1.12 0.00	37.08 -2.00 0.00	35.89 -1.91 0.00	36.88 -1.79 0.00	40.49 -1.54 0.00	47.97 -2.03 0.00	49.79 -2.90 0.00	51.21 -2.87 0.00	49.27 -2.63 0.13	56.83 -1.55 0.00	58.83 -1.01 0.00	90.90 -0.72 0.00	172.74 -2.57 0.00	248.64 -3.83 0.00	606.54 -28.08 0.00	128.12 -5.37 -1.06	374.26 -13.84 4.93	188.72 -8.32 1.17	164.68 -5.79 0.00	198.75 -7.68 0.00	87.73 -3.52 0.00	88.37 -2.45 0.00	57.17 -0.44 0.00
HARZA MOOSE___RIVER 24016	50.47 1.86 -0.67	45.52 1.71 -0.08	40.24 1.16 0.00	38.80 1.01 0.00	39.92 1.25 0.00	43.28 1.19 -0.06	51.75 1.56 -0.19	54.14 1.45 0.00	55.20 1.12 0.00	53.38 1.32 -0.03	60.91 1.62 -0.91	62.26 1.48 -0.95	95.12 1.86 -1.64	179.39 2.70 -1.39	257.12 3.79 -0.86	641.48 5.37 -1.49	133.76 1.33 0.00	399.31 6.28 0.00	202.10 3.90 0.00	174.76 4.29 0.00	212.84 6.32 -0.09	94.20 2.55 -0.39	93.22 2.30 -0.10	58.78 1.04 -0.13
HDSNBRDG_115KV_BRDG_TB1 355580	47.81 -0.13 0.00	43.54 -0.20 0.00	38.70 -0.37 0.00	37.47 -0.33 0.00	38.39 -0.29 0.00	41.80 -0.22 0.00	49.69 -0.32 0.00	52.38 -0.31 0.00	53.78 -0.30 0.00	51.85 -0.18 0.00	58.30 -0.07 0.00	59.91 0.08 0.00	91.89 0.27 0.00	175.97 0.66 0.00	254.36 1.89 0.00	635.81 1.19 0.00	134.39 0.59 -1.37	396.46 3.43 0.00	199.94 1.73 0.00	172.15 1.68 0.00	207.84 1.41 0.00	91.48 0.23 0.00	90.80 -0.01 0.00	57.44 -0.16 0.00
HELLGATE_13_KV_LD 55870	51.49 3.56 0.00	47.49 3.75 0.00	42.20 3.12 0.00	40.97 3.06 -0.12	41.69 3.02 0.00	45.26 3.21 -0.03	53.36 3.36 0.00	56.14 3.45 0.00	57.43 3.35 0.00	55.75 3.71 0.00	62.63 4.25 0.00	64.73 4.89 0.00	99.57 7.95 0.00	202.78 16.62 -10.85	286.30 27.84 -6.00	887.05 72.71 -179.72	2627.87 13.65 -2481.79	2236.72 41.73 -1801.96	262.72 21.01 -43.51	214.88 16.48 -27.92	225.66 19.23 0.00	98.89 7.64 0.00	96.63 5.81 0.00	61.44 3.84 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	51.49 3.56 0.00	47.49 3.75 0.00	42.20 3.12 0.00	40.97 3.06 -0.12	41.69 3.02 0.00	45.26 3.21 -0.03	53.36 3.36 0.00	56.14 3.45 0.00	57.43 3.35 0.00	55.75 3.71 0.00	62.63 4.25 0.00	64.73 4.89 0.00	99.57 7.95 0.00	202.78 16.62 -10.85	286.30 27.84 -6.00	887.05 72.71 -179.72	2627.87 13.65 -2481.79	2236.72 41.73 -1801.96	262.72 21.01 -43.51	214.88 16.48 -27.92	225.66 19.23 0.00	98.89 7.64 0.00	96.63 5.81 0.00	61.44 3.84 0.00
HEMPSTEAD____ 23647	51.10 3.17 0.00	47.26 3.52 0.00	41.83 2.76 0.00	40.52 2.60 -0.12	41.24 2.56 0.00	44.67 2.62 -0.03	52.56 2.56 0.00	54.96 2.28 0.00	53.98 2.10 2.20	43.01 2.46 11.49	55.01 3.01 6.38	58.22 3.64 5.25	96.59 5.98 1.02	196.17 13.19 -7.67	272.41 23.31 3.37	754.11 61.95 -57.54	1710.84 11.68 -1566.73	1845.62 36.66 -1415.94	260.52 18.88 -43.44	199.77 13.88 -15.42	182.67 15.60 39.35	125.00 6.34 -27.40	166.04 4.27 -70.95	45.35 2.68 14.94
HICKLING___1 23621	47.98 0.05 0.00	43.55 -0.18 0.00	38.51 -0.57 0.00	37.31 -0.49 0.00	38.32 -0.36 0.00	42.10 0.07 0.00	49.96 -0.04 0.00	52.30 -0.39 0.00	53.62 -0.46 0.00	51.77 -0.36 -0.10	58.76 0.39 0.00	60.36 0.53 0.00	92.99 1.37 0.00	178.86 3.56 0.00	261.45 8.82 -0.17	642.52 7.77 -0.13	125.02 1.15 8.56	395.93 9.40 6.50	202.12 2.46 -1.45	174.78 4.31 0.00	210.68 4.25 0.00	93.05 1.80 0.00	92.07 1.25 0.00	58.34 0.74 0.00
HICKLING___2 23622	47.98 0.05 0.00	43.55 -0.18 0.00	38.51 -0.57 0.00	37.31 -0.49 0.00	38.32 -0.36 0.00	42.10 0.07 0.00	49.96 -0.04 0.00	52.30 -0.39 0.00	53.62 -0.46 0.00	51.77 -0.36 -0.10	58.76 0.39 0.00	60.36 0.53 0.00	92.99 1.37 0.00	178.86 3.56 0.00	261.45 8.82 -0.17	642.52 7.77 -0.13	125.02 1.15 8.56	395.93 9.40 6.50	202.12 2.46 -1.45	174.78 4.31 0.00	210.68 4.25 0.00	93.05 1.80 0.00	92.07 1.25 0.00	58.34 0.74 0.00
HIGH FALLS___HY 23754	51.22 3.29 0.00	46.93 3.20 0.00	41.70 2.62 0.00	40.37 2.57 0.00	41.23 2.55 0.00	44.77 2.75 0.00	52.90 2.89 0.00	55.64 2.95 0.00	56.94 2.86 0.00	55.10 3.07 0.00	61.88 3.50 0.00	63.98 4.15 0.00	98.70 7.08 0.00	197.67 15.21 -7.15	278.10 25.22 -0.41	704.07 69.14 -0.31	108.56 14.30 38.17	417.43 45.30 20.90	220.11 23.07 1.16	181.74 18.02 6.76	226.52 20.09 0.00	99.30 8.04 0.00	97.24 6.42 0.00	61.41 3.81 0.00
HIGH_RIVER___SOLAR 323847	49.99 2.06 0.00	45.70 1.96 0.00	40.75 1.68 0.00	39.47 1.67 0.00	40.38 1.70 0.00	43.89 1.86 0.00	52.04 2.04 0.00	54.56 1.87 0.00	55.77 1.69 0.00	53.35 1.32 0.00	59.69 1.31 0.00	60.97 1.14 0.00	93.21 1.59 0.00	171.73 2.17 5.74	258.27 5.80 0.00	661.05 26.43 0.00	143.21 6.70 -4.08	421.05 20.38 -7.64	214.02 11.20 -4.62	179.71 9.24 0.00	217.51 11.08 0.00	95.87 4.62 0.00	94.98 4.16 0.00	60.11 2.50 0.00
HILLBURN___GT 23639	50.55 2.62 0.00	46.51 2.78 0.00	41.33 2.25 0.00	40.03 2.24 0.00	40.89 2.22 0.00	44.35 2.33 0.00	52.36 2.36 0.00	55.03 2.34 0.00	56.28 2.20 0.00	54.55 2.52 0.00	61.34 2.97 0.00	63.43 3.60 0.00	97.59 5.96 0.00	198.42 13.01 -10.11	278.26 22.39 -3.41	674.63 59.93 19.91	-308.33 11.76 452.51	3.71 36.12 425.44	190.86 18.46 25.80	140.65 14.04 43.86	222.20 15.77 0.00	97.59 6.34 0.00	95.61 4.80 0.00	60.55 2.95 0.00
HILLSIDE_115KV_TB1 80332	47.40 -0.53 0.00	43.08 -0.65 0.00	38.17 -0.90 0.00	37.04 -0.76 0.00	38.02 -0.66 0.00	41.66 -0.36 0.00	49.39 -0.62 0.00	51.75 -0.94 0.00	53.07 -1.01 0.00	51.24 -0.87 -0.07	58.09 -0.29 0.00	59.63 -0.20 0.00	91.82 0.20 0.00	176.38 1.07 0.00	258.01 5.37 -0.18	635.26 0.51 -0.13	122.88 -0.50 9.06	391.34 6.17 7.86	199.78 0.34 -1.24	172.81 2.34 0.00	208.10 1.68 0.00	91.86 0.61 0.00	90.87 0.05 0.00	57.57 -0.04 0.00

HISHELDN_WT_PWR 323625	47.38 -0.55 0.00	42.65 -1.08 0.00	37.19 -1.89 0.00	35.99 -1.81 0.00	37.01 -1.66 0.00	40.82 -1.20 0.00	48.47 -1.53 0.00	50.40 -2.29 0.00	51.63 -2.45 0.00	49.23 -2.33 0.47	56.94 -1.44 0.00	58.85 -0.98 0.00	91.00 -0.62 0.00	174.34 -0.97 0.00	252.31 -0.16 0.00	615.73 -18.89 0.00	127.58 -3.87 0.99	363.00 -10.09 19.94	186.94 -6.53 4.74	167.20 -3.27 0.00	202.48 -3.95 0.00	89.60 -1.65 0.00	89.65 -1.17 0.00	57.47 -0.13 0.00
HOLTSVILLE_IC_1 23690	51.03 3.09 0.00	47.35 3.61 0.00	41.81 2.74 0.00	40.39 2.47 -0.12	41.07 2.39 0.00	44.39 2.34 -0.03	52.05 2.05 0.00	54.22 1.54 0.00	50.87 1.22 4.42	29.90 1.78 23.92	47.67 2.12 12.83	52.03 2.77 10.57	91.15 4.76 5.24	180.62 10.23 4.92	256.09 18.85 15.23	592.52 45.21 87.31	684.71 7.47 -544.80	1473.28 27.83 -1052.42	257.75 16.51 -43.04	181.84 12.07 0.70	132.68 12.72 86.47	30.50 5.30 66.05	94.12 2.45 -0.85	28.78 1.97 30.79
HOLTSVILLE_IC_10 23699	51.38 3.45 0.00	47.64 3.91 0.00	42.04 2.97 0.00	40.59 2.67 -0.12	41.27 2.59 0.00	44.63 2.58 -0.03	52.34 2.34 0.00	54.55 1.87 0.00	51.26 1.57 4.39	30.48 2.16 23.72	48.23 2.58 12.72	52.61 3.27 10.49	91.07 5.61 6.16	180.79 11.92 6.43	258.16 21.25 15.56	595.93 47.89 86.58	697.05 7.79 -556.82	1478.83 31.31 -1054.49	259.72 18.60 -42.92	183.06 13.75 1.16	135.20 14.53 85.76	33.24 6.05 64.06	95.16 3.09 -1.25	29.43 2.36 30.54
HOLTSVILLE_IC_2 23691	51.03 3.09 0.00	47.35 3.61 0.00	41.81 2.74 0.00	40.39 2.47 -0.12	41.07 2.39 0.00	44.39 2.34 -0.03	52.05 2.05 0.00	54.22 1.54 0.00	50.87 1.22 4.42	29.90 1.78 23.92	47.67 2.12 12.83	52.03 2.77 10.57	91.15 4.76 5.24	180.62 10.23 4.92	256.09 18.85 15.23	592.52 45.21 87.31	684.71 7.47 -544.80	1473.28 27.83 -1052.42	257.75 16.51 -43.04	181.84 12.07 0.70	132.68 12.72 86.47	30.50 5.30 66.05	94.12 2.45 -0.85	28.78 1.97 30.79
HOLTSVILLE_IC_3 23692	51.03 3.09 0.00	47.35 3.61 0.00	41.81 2.74 0.00	40.39 2.47 -0.12	41.07 2.39 0.00	44.39 2.34 -0.03	52.05 2.05 0.00	54.22 1.54 0.00	50.87 1.22 4.42	29.90 1.78 23.92	47.67 2.12 12.83	52.03 2.77 10.57	91.15 4.76 5.24	180.62 10.23 4.92	256.09 18.85 15.23	592.52 45.21 87.31	684.71 7.47 -544.80	1473.28 27.83 -1052.42	257.75 16.51 -43.04	181.84 12.07 0.70	132.68 12.72 86.47	30.50 5.30 66.05	94.12 2.45 -0.85	28.78 1.97 30.79
HOLTSVILLE_IC_4 23693	51.03 3.09 0.00	47.35 3.61 0.00	41.81 2.74 0.00	40.39 2.47 -0.12	41.07 2.39 0.00	44.39 2.34 -0.03	52.05 2.05 0.00	54.22 1.54 0.00	50.87 1.22 4.42	29.90 1.78 23.92	47.67 2.12 12.83	52.03 2.77 10.57	91.15 4.76 5.24	180.62 10.23 4.92	256.09 18.85 15.23	592.52 45.21 87.31	684.71 7.47 -544.80	1473.28 27.83 -1052.42	257.75 16.51 -43.04	181.84 12.07 0.70	132.68 12.72 86.47	30.50 5.30 66.05	94.12 2.45 -0.85	28.78 1.97 30.79
HOLTSVILLE_IC_5 23694	51.03 3.09 0.00	47.35 3.61 0.00	41.81 2.74 0.00	40.39 2.47 -0.12	41.07 2.39 0.00	44.39 2.34 -0.03	52.05 2.05 0.00	54.22 1.54 0.00	50.87 1.22 4.42	29.90 1.78 23.92	47.67 2.12 12.83	52.03 2.77 10.57	91.15 4.76 5.24	180.62 10.23 4.92	256.09 18.85 15.23	592.52 45.21 87.31	684.71 7.47 -544.80	1473.28 27.83 -1052.42	257.75 16.51 -43.04	181.84 12.07 0.70	132.68 12.72 86.47	30.50 5.30 66.05	94.12 2.45 -0.85	28.78 1.97 30.79
HOLTSVILLE_IC_6 23695	51.38 3.45 0.00	47.64 3.91 0.00	42.04 2.97 0.00	40.59 2.67 -0.12	41.27 2.59 0.00	44.63 2.58 -0.03	52.34 2.34 0.00	54.55 1.87 0.00	51.26 1.57 4.39	30.48 2.16 23.72	48.23 2.58 12.72	52.61 3.27 10.49	91.07 5.61 6.16	180.79 11.92 6.43	258.16 21.25 15.56	595.93 47.89 86.58	697.05 7.79 -556.82	1478.83 31.31 -1054.49	259.72 18.60 -42.92	183.06 13.75 1.16	135.20 14.53 85.76	33.24 6.05 64.06	95.16 3.09 -1.25	29.43 2.36 30.54
HOLTSVILLE_IC_7 23696	51.38 3.45 0.00	47.64 3.91 0.00	42.04 2.97 0.00	40.59 2.67 -0.12	41.27 2.59 0.00	44.63 2.58 -0.03	52.34 2.34 0.00	54.55 1.87 0.00	51.26 1.57 4.39	30.48 2.16 23.72	48.23 2.58 12.72	52.61 3.27 10.49	91.07 5.61 6.16	180.79 11.92 6.43	258.16 21.25 15.56	595.93 47.89 86.58	697.05 7.79 -556.82	1478.83 31.31 -1054.49	259.72 18.60 -42.92	183.06 13.75 1.16	135.20 14.53 85.76	33.24 6.05 64.06	95.16 3.09 -1.25	29.43 2.36 30.54
HOLTSVILLE_IC_8 23697	51.38 3.45 0.00	47.64 3.91 0.00	42.04 2.97 0.00	40.59 2.67 -0.12	41.27 2.59 0.00	44.63 2.58 -0.03	52.34 2.34 0.00	54.55 1.87 0.00	51.26 1.57 4.39	30.48 2.16 23.72	48.23 2.58 12.72	52.61 3.27 10.49	91.07 5.61 6.16	180.79 11.92 6.43	258.16 21.25 15.56	595.93 47.89 86.58	697.05 7.79 -556.82	1478.83 31.31 -1054.49	259.72 18.60 -42.92	183.06 13.75 1.16	135.20 14.53 85.76	33.24 6.05 64.06	95.16 3.09 -1.25	29.43 2.36 30.54
HOLTSVILLE_IC_9 23698	51.38 3.45 0.00	47.64 3.91 0.00	42.04 2.97 0.00	40.59 2.67 -0.12	41.27 2.59 0.00	44.63 2.58 -0.03	52.34 2.34 0.00	54.55 1.87 0.00	51.26 1.57 4.39	30.48 2.16 23.72	48.23 2.58 12.72	52.61 3.27 10.49	91.07 5.61 6.16	180.79 11.92 6.43	258.16 21.25 15.56	595.93 47.89 86.58	697.05 7.79 -556.82	1478.83 31.31 -1054.49	259.72 18.60 -42.92	183.06 13.75 1.16	135.20 14.53 85.76	33.24 6.05 64.06	95.16 3.09 -1.25	29.43 2.36 30.54
HOMER_HL_115KV_TB2 355744	47.63 -0.30 0.00	42.90 -0.83 0.00	37.76 -1.32 0.00	36.68 -1.12 0.00	37.70 -0.97 0.00	41.35 -0.67 0.00	49.16 -0.84 0.00	51.68 -1.01 0.00	52.98 -1.10 0.00	50.88 -1.04 0.12	57.76 -0.62 0.00	59.08 -0.75 0.00	91.06 -0.56 0.00	173.97 -1.34 0.00	253.04 0.57 0.00	618.23 -16.39 0.00	130.41 -3.62 -1.60	382.33 -6.44 4.26	191.79 -5.41 1.01	168.35 -2.11 0.00	202.93 -3.50 0.00	89.82 -1.44 0.00	89.26 -1.55 0.00	57.40 -0.20 0.00
HOWARD_WT_PWR 323690	47.59 -0.35 0.00	43.13 -0.61 0.00	37.89 -1.18 0.00	36.52 -1.28 0.00	37.57 -1.10 0.00	41.79 -0.23 0.00	49.55 -0.45 0.00	51.64 -1.05 0.00	52.99 -1.09 0.00	51.62 -1.01 -0.59	57.82 -0.56 0.00	59.38 -0.45 0.00	91.87 0.25 0.00	178.14 2.83 0.00	260.48 8.02 0.00	636.34 1.72 0.00	132.96 0.26 -0.27	415.03 0.79 -21.21	204.50 -0.35 -6.66	172.72 2.25 0.00	210.01 3.58 0.00	93.55 2.30 0.00	92.90 2.08 0.00	58.80 1.19 0.00
HQ_GEN_CEDARS 23644	48.43 0.49 0.00	44.01 0.27 0.00	39.41 0.33 0.00	38.01 0.21 0.00	38.93 0.26 0.00	42.36 0.33 0.00	50.87 0.87 0.00	53.62 0.94 0.00	55.11 1.04 0.00	52.86 0.82 0.00	59.38 1.00 0.00	60.38 0.55 0.00	92.34 0.72 0.00	175.61 0.30 0.00	249.91 -2.55 0.00	624.94 -9.68 0.00	129.30 -3.13 0.00	381.04 -11.99 0.00	191.37 -6.83 0.00	165.65 -4.82 0.00	203.09 -3.34 0.00	90.56 -0.69 0.00	90.93 0.12 0.00	58.06 0.45 0.00
HQ_GEN_CEDARS_PROXY 323590	48.69 0.49 -0.27	44.01 0.27 0.00	39.41 0.33 0.00	38.01 0.21 0.00	38.94 0.26 0.00	39.08 0.33 3.28	51.18 0.87 -0.30	53.62 0.93 0.00	55.11 1.04 0.00	52.86 0.82 0.00	59.38 1.00 0.00	60.38 0.54 0.00	92.34 0.72 0.00	175.61 0.30 0.00	249.92 -2.55 0.00	624.94 -9.68 0.00	125.89 -3.13 3.41	381.03 -11.99 0.00	191.37 -6.83 0.00	165.65 -4.81 0.00	203.09 -3.34 0.00	90.56 -0.69 0.00	90.93 0.12 0.00	58.36 0.45 -0.31

HQ_GEN_IMPORT 323601	47.81 -0.13 0.00	43.48 -0.25 0.00	38.99 -0.09 0.00	37.60 -0.20 0.00	38.48 -0.20 0.00	41.51 -0.21 0.31	52.78 0.03 -2.75	54.43 0.14 -1.61	54.31 0.23 0.00	52.11 0.07 0.00	58.51 0.13 0.00	59.78 -0.06 0.00	91.48 -0.14 0.00	174.73 -0.58 0.00	249.13 -2.88 0.45	621.20 -8.72 4.70	148.37 -2.40 -18.34	421.70 -8.80 -37.47	193.16 -5.04 0.00	166.70 -3.77 0.00	203.01 -3.42 0.00	88.08 -0.95 2.22	88.81 -0.48 1.52	57.57 -0.15 -0.11
HQ_GEN_WHEEL 23651	47.81 -0.13 0.00	43.48 -0.25 0.00	38.99 -0.09 0.00	37.60 -0.20 0.00	38.48 -0.20 0.00	41.51 -0.21 0.31	52.78 0.03 -2.75	54.43 0.14 -1.61	54.31 0.23 0.00	52.11 0.07 0.00	58.51 0.13 0.00	59.78 -0.06 0.00	91.48 -0.14 0.00	174.73 -0.58 0.00	249.13 -2.88 0.45	621.20 -8.72 4.70	148.37 -2.40 -18.34	421.70 -8.80 -37.47	193.16 -5.04 0.00	166.70 -3.77 0.00	203.01 -3.42 0.00	88.08 -0.95 2.22	88.81 -0.48 1.52	57.57 -0.15 -0.11
HUDSON AVE_GT_3 23810	51.17 3.24 0.00	47.16 3.42 0.00	41.90 2.82 0.00	40.67 2.75 -0.12	41.39 2.72 0.00	44.94 2.89 -0.03	53.05 3.04 0.00	55.81 3.13 0.00	57.08 3.01 0.00	55.36 3.32 0.00	62.22 3.85 0.00	64.34 4.51 0.00	99.04 7.42 0.00	201.94 15.79 -10.85	285.00 26.54 -5.99	882.87 69.94 -178.31	2630.66 13.33 -2484.90	2236.32 40.43 -1802.86	262.15 20.42 -43.54	214.26 15.83 -27.96	224.63 18.21 0.00	91.23 7.28 7.31	84.33 5.50 11.98	61.15 3.55 0.00
HUDSON AVE_GT_4 23540	51.17 3.24 0.00	47.16 3.42 0.00	41.90 2.82 0.00	40.67 2.75 -0.12	41.39 2.72 0.00	44.94 2.89 -0.03	53.05 3.04 0.00	55.81 3.13 0.00	57.08 3.01 0.00	55.36 3.32 0.00	62.22 3.85 0.00	64.34 4.51 0.00	99.04 7.42 0.00	201.94 15.79 -10.85	285.00 26.54 -5.99	882.87 69.94 -178.31	2630.66 13.33 -2484.90	2236.32 40.43 -1802.86	262.15 20.42 -43.54	214.26 15.83 -27.96	224.63 18.21 0.00	91.23 7.28 7.31	84.33 5.50 11.98	61.15 3.55 0.00
HUDSON AVE_GT_5 23657	51.17 3.24 0.00	47.16 3.42 0.00	41.90 2.82 0.00	40.67 2.75 -0.12	41.39 2.72 0.00	44.94 2.89 -0.03	53.05 3.04 0.00	55.81 3.13 0.00	57.08 3.01 0.00	55.36 3.32 0.00	62.22 3.85 0.00	64.34 4.51 0.00	99.04 7.42 0.00	201.94 15.79 -10.85	285.00 26.54 -5.99	882.87 69.94 -178.31	2630.66 13.33 -2484.90	2236.32 40.43 -1802.86	262.15 20.42 -43.54	214.26 15.83 -27.96	224.63 18.21 0.00	91.23 7.28 7.31	84.33 5.50 11.98	61.15 3.55 0.00
HUDSON_AVE_10 24168	51.06 3.12 0.00	47.03 3.29 0.00	41.79 2.72 0.00	40.58 2.66 -0.12	41.31 2.63 0.00	44.85 2.80 -0.03	52.93 2.93 0.00	55.69 3.01 0.00	56.94 2.86 0.00	55.23 3.20 0.00	62.05 3.67 0.00	64.20 4.37 0.00	98.89 7.22 -0.05	203.94 15.41 -13.22	288.27 25.83 -9.97	893.10 68.39 -190.08	2684.78 12.96 -2539.39	2273.41 39.50 -1840.88	261.58 19.85 -43.54	215.03 15.33 -29.23	228.39 17.66 -4.30	-0.79 6.97 99.02	-66.65 5.22 162.69	61.00 3.39 0.00
HUDSON___115KV_TB 4 355613	49.10 1.16 0.00	45.16 1.42 0.00	40.32 1.25 0.00	39.11 1.32 0.00	40.00 1.32 0.00	43.42 1.39 0.00	51.31 1.31 0.00	54.00 1.31 0.00	55.18 1.10 0.00	53.10 1.07 0.00	59.08 0.70 0.00	60.39 0.56 0.00	92.67 1.05 0.00	173.24 2.36 4.43	259.68 7.21 0.00	662.41 27.79 0.00	136.23 6.30 2.51	417.06 19.71 -4.32	212.08 11.20 -2.68	179.24 8.77 0.00	215.62 9.20 0.00	94.72 3.47 0.00	93.55 2.74 0.00	59.13 1.52 0.00
HUNTER MOUNT___DRP 323613	49.22 1.28 0.00	45.28 1.54 0.00	40.44 1.36 0.00	39.23 1.43 0.00	40.12 1.44 0.00	43.56 1.54 0.00	51.50 1.50 0.00	54.23 1.55 0.00	55.51 1.43 0.00	53.36 1.33 0.00	59.20 0.82 0.00	60.57 0.74 0.00	92.89 1.26 0.00	175.92 2.94 2.33	260.25 7.78 0.00	666.75 32.13 0.00	137.85 6.89 1.48	421.81 21.50 -7.28	212.82 12.01 -2.61	180.06 9.59 0.00	216.59 10.16 0.00	95.11 3.86 0.00	93.99 3.18 0.00	59.37 1.77 0.00
HUNTINGTON_RES_REC 323705	51.08 3.15 0.00	47.49 3.76 0.00	41.93 2.86 0.00	40.53 2.61 -0.12	41.20 2.52 0.00	44.52 2.47 -0.03	52.23 2.23 0.00	54.32 1.63 0.00	50.99 1.29 4.38	30.19 1.79 23.65	47.89 2.20 12.69	52.27 2.90 10.46	82.89 5.14 13.87	166.92 11.30 19.69	253.97 20.77 19.27	590.34 53.24 97.52	674.84 9.45 -532.96	1453.81 32.07 -1028.71	257.74 17.78 -41.76	176.33 12.56 6.70	134.39 13.47 85.51	32.78 5.44 63.91	83.91 2.86 9.77	29.20 2.04 30.44
HUNTLEY___63 23557	48.10 0.16 0.00	43.08 -0.65 0.00	37.49 -1.59 0.00	36.28 -1.52 0.00	37.29 -1.39 0.00	40.97 -1.06 0.00	48.49 -1.51 0.00	50.35 -2.34 0.00	51.83 -2.25 0.00	49.87 -2.03 0.14	57.59 -0.78 0.00	59.68 -0.15 0.00	92.15 0.52 0.00	174.95 -0.36 0.00	252.02 -0.45 0.00	614.51 -20.12 0.00	129.57 -3.97 -1.11	378.27 -9.74 5.02	190.60 -6.41 1.19	166.35 -4.12 0.00	200.80 -5.63 0.00	88.76 -2.49 0.00	89.24 -1.58 0.00	57.55 -0.06 0.00
HUNTLEY___64 23558	48.10 0.16 0.00	43.08 -0.65 0.00	37.49 -1.59 0.00	36.28 -1.52 0.00	37.29 -1.39 0.00	40.97 -1.06 0.00	48.49 -1.51 0.00	50.35 -2.34 0.00	51.83 -2.25 0.00	49.87 -2.03 0.14	57.59 -0.78 0.00	59.68 -0.15 0.00	92.15 0.52 0.00	174.95 -0.36 0.00	252.02 -0.45 0.00	614.51 -20.12 0.00	129.57 -3.97 -1.11	378.27 -9.74 5.02	190.60 -6.41 1.19	166.35 -4.12 0.00	200.80 -5.63 0.00	88.76 -2.49 0.00	89.24 -1.58 0.00	57.55 -0.06 0.00
HUNTLEY___65 23559	48.10 0.16 0.00	43.08 -0.65 0.00	37.49 -1.59 0.00	36.28 -1.52 0.00	37.29 -1.39 0.00	40.97 -1.06 0.00	48.49 -1.51 0.00	50.35 -2.34 0.00	51.83 -2.25 0.00	49.87 -2.03 0.14	57.59 -0.78 0.00	59.68 -0.15 0.00	92.15 0.52 0.00	174.95 -0.36 0.00	252.02 -0.45 0.00	614.51 -20.12 0.00	129.57 -3.97 -1.11	378.27 -9.74 5.02	190.60 -6.41 1.19	166.35 -4.12 0.00	200.80 -5.63 0.00	88.76 -2.49 0.00	89.24 -1.58 0.00	57.55 -0.06 0.00
HUNTLEY___66 23560	48.10 0.16 0.00	43.08 -0.65 0.00	37.49 -1.59 0.00	36.28 -1.52 0.00	37.29 -1.39 0.00	40.97 -1.06 0.00	48.49 -1.51 0.00	50.35 -2.34 0.00	51.83 -2.25 0.00	49.87 -2.03 0.14	57.59 -0.78 0.00	59.68 -0.15 0.00	92.15 0.52 0.00	174.95 -0.36 0.00	252.02 -0.45 0.00	614.51 -20.12 0.00	129.57 -3.97 -1.11	378.27 -9.74 5.02	190.60 -6.41 1.19	166.35 -4.12 0.00	200.80 -5.63 0.00	88.76 -2.49 0.00	89.24 -1.58 0.00	57.55 -0.06 0.00
HUNTLEY___67 23561	47.75 -0.19 0.00	42.78 -0.96 0.00	37.29 -1.79 0.00	36.10 -1.70 0.00	37.09 -1.58 0.00	40.71 -1.32 0.00	48.24 -1.77 0.00	50.18 -2.51 0.00	51.60 -2.48 0.00	49.64 -2.26 0.14	57.30 -1.07 0.00	59.30 -0.54 0.00	91.64 0.01 0.00	174.40 -0.91 0.00	251.39 -1.08 0.00	613.55 -21.07 0.00	129.44 -4.13 -1.14	378.34 -9.69 5.00	190.59 -6.42 1.19	166.40 -4.07 0.00	200.74 -5.69 0.00	88.49 -2.76 0.00	88.69 -2.13 0.00	57.19 -0.42 0.00
HUNTLEY___68 23562	47.75 -0.19 0.00	42.78 -0.96 0.00	37.29 -1.79 0.00	36.10 -1.70 0.00	37.09 -1.58 0.00	40.71 -1.32 0.00	48.24 -1.77 0.00	50.18 -2.51 0.00	51.60 -2.48 0.00	49.64 -2.26 0.14	57.30 -1.07 0.00	59.30 -0.54 0.00	91.64 0.01 0.00	174.40 -0.91 0.00	251.39 -1.08 0.00	613.55 -21.07 0.00	129.44 -4.13 -1.14	378.34 -9.69 5.00	190.59 -6.42 1.19	166.40 -4.07 0.00	200.74 -5.69 0.00	88.49 -2.76 0.00	88.69 -2.13 0.00	57.19 -0.42 0.00

HYLAND___LFGE 323620	49.41 1.48 0.00	45.41 1.68 0.00	40.15 1.07 0.00	38.81 1.01 0.00	39.89 1.21 0.00	43.83 1.80 0.00	52.06 2.06 0.00	53.63 0.94 0.00	54.46 0.38 0.00	52.47 -0.11 -0.54	58.18 -0.19 0.00	60.01 0.17 0.00	92.29 0.67 0.00	179.91 4.60 0.00	258.28 5.81 0.00	615.92 -18.70 0.00	135.12 -3.61 -6.30	396.07 -22.24 -25.28	192.33 -11.90 -6.03	166.38 -4.09 0.00	206.27 -0.15 0.00	96.75 5.50 0.00	94.92 4.11 0.00	59.95 2.34 0.00
INDECK___CORINTH 23802	49.93 2.00 0.00	46.08 2.35 0.00	41.04 1.97 0.00	39.78 1.98 0.00	40.73 2.05 0.00	44.29 2.26 0.00	52.45 2.45 0.00	55.02 2.33 0.00	56.37 2.30 0.00	54.26 2.23 0.00	60.40 2.02 0.00	61.83 2.00 0.00	94.29 2.67 0.00	172.41 4.94 7.84	262.72 10.43 0.17	671.84 37.35 0.13	150.23 8.32 -9.48	435.31 28.06 -14.22	219.68 16.96 -4.52	183.14 12.67 0.00	220.88 14.45 0.00	96.91 5.66 0.00	95.44 4.62 0.00	60.24 2.63 0.00
INDECK___ILION 23567	48.54 0.61 0.00	44.48 0.74 0.00	39.69 0.62 0.00	38.45 0.65 0.00	39.32 0.64 0.00	42.71 0.68 0.00	50.50 0.50 0.00	53.06 0.38 0.00	54.19 0.12 0.00	52.10 0.07 0.00	58.47 0.09 0.00	59.89 0.06 0.00	91.89 0.27 0.00	175.81 0.50 0.00	255.62 3.15 0.00	653.97 19.35 0.00	136.55 4.12 0.00	406.48 13.44 0.00	205.29 7.09 0.00	175.85 5.38 0.00	212.11 5.68 0.00	93.51 2.26 0.00	92.45 1.64 0.00	58.41 0.80 0.00
INDECK___OLEAN 23982	47.64 -0.29 0.00	42.90 -0.83 0.00	37.76 -1.31 0.00	36.68 -1.11 0.00	37.70 -0.98 0.00	41.35 -0.67 0.00	49.18 -0.82 0.00	51.69 -1.00 0.00	52.97 -1.11 0.00	50.86 -1.05 0.12	57.77 -0.61 0.00	59.12 -0.72 0.00	91.08 -0.55 0.00	173.98 -1.33 0.00	253.04 0.57 0.00	618.12 -16.50 0.00	130.46 -3.57 -1.60	382.32 -6.45 4.26	191.77 -5.43 1.01	168.35 -2.12 0.00	202.90 -3.52 0.00	89.78 -1.47 0.00	89.27 -1.54 0.00	57.41 -0.20 0.00
INDECK___OSWEGO 23783	55.64 -0.84 -8.55	44.02 -0.71 -1.00	38.26 -0.82 0.00	37.04 -0.76 0.00	37.95 -0.72 0.00	42.06 -0.74 -0.78	51.48 -0.93 -2.41	51.74 -0.95 0.00	53.09 -0.99 0.00	51.48 -0.92 -0.36	68.67 -1.33 -11.63	70.52 -1.40 -12.08	110.43 -2.09 -20.89	188.81 -4.11 -17.61	257.86 -5.47 -10.87	636.54 -17.05 -18.98	130.42 -3.15 -1.13	385.34 -7.69 0.00	194.47 -3.73 0.00	167.46 -3.01 0.00	203.62 -3.98 -1.17	94.18 -2.09 -5.02	90.01 -2.12 -1.31	58.15 -1.16 -1.71
INDECK___YERKES 23781	48.16 0.22 0.00	43.13 -0.60 0.00	37.53 -1.55 0.00	36.31 -1.49 0.00	37.32 -1.36 0.00	41.02 -1.01 0.00	48.56 -1.44 0.00	50.42 -2.27 0.00	51.88 -2.20 0.00	49.92 -1.98 0.14	57.67 -0.71 0.00	59.79 -0.05 0.00	92.25 0.63 0.00	175.06 -0.25 0.00	251.98 -0.48 0.00	614.47 -20.15 0.00	129.58 -3.96 -1.11	378.15 -9.87 5.02	190.56 -6.45 1.19	166.33 -4.14 0.00	200.80 -5.63 0.00	88.78 -2.47 0.00	89.35 -1.47 0.00	57.61 0.00 0.00
INDIAN POINT_GT_1 24139	50.55 2.61 0.00	46.54 2.81 0.00	41.36 2.29 0.00	40.16 2.27 -0.10	40.91 2.23 0.00	44.40 2.35 -0.02	52.40 2.39 0.00	55.05 2.37 0.00	56.28 2.20 0.00	54.53 2.49 0.00	61.28 2.90 0.00	63.31 3.47 0.00	97.40 5.77 0.00	198.54 12.51 -10.72	279.02 21.60 -4.95	836.33 58.46 -143.25	2721.32 11.46 -2577.43	2455.50 35.52 -2026.96	375.84 18.24 -159.39	427.58 13.92 -243.20	222.13 15.71 0.00	97.47 6.22 0.00	95.48 4.66 0.00	60.50 2.90 0.00
INDIAN POINT_GT_2 23659	50.55 2.61 0.00	46.54 2.81 0.00	41.36 2.29 0.00	40.16 2.27 -0.10	40.91 2.23 0.00	44.40 2.35 -0.02	52.40 2.39 0.00	55.05 2.37 0.00	56.28 2.20 0.00	54.53 2.49 0.00	61.28 2.90 0.00	63.31 3.47 0.00	97.40 5.77 0.00	198.54 12.51 -10.72	279.02 21.60 -4.95	836.33 58.46 -143.25	2721.32 11.46 -2577.43	2455.50 35.52 -2026.96	375.84 18.24 -159.39	427.58 13.92 -243.20	222.13 15.71 0.00	97.47 6.22 0.00	95.48 4.66 0.00	60.50 2.90 0.00
INDIAN POINT_GT_3 24019	50.55 2.61 0.00	46.54 2.81 0.00	41.36 2.29 0.00	40.16 2.27 -0.10	40.91 2.23 0.00	44.40 2.35 -0.02	52.40 2.39 0.00	55.05 2.37 0.00	56.28 2.20 0.00	54.53 2.49 0.00	61.28 2.90 0.00	63.31 3.47 0.00	97.40 5.77 0.00	198.54 12.51 -10.72	279.02 21.60 -4.95	836.33 58.46 -143.25	2721.32 11.46 -2577.43	2455.50 35.52 -2026.96	375.84 18.24 -159.39	427.58 13.92 -243.20	222.13 15.71 0.00	97.47 6.22 0.00	95.48 4.66 0.00	60.50 2.90 0.00
INDIAN POINT___2 23530	50.49 2.56 0.00	46.50 2.76 0.00	41.32 2.25 0.00	40.06 2.22 -0.04	40.87 2.20 0.00	44.34 2.30 -0.01	52.33 2.33 0.00	54.98 2.29 0.00	56.21 2.13 0.00	54.45 2.42 0.00	61.19 2.81 0.00	63.24 3.41 0.00	97.27 5.65 0.00	198.07 12.29 -10.48	278.32 21.32 -4.53	754.00 57.81 -61.57	1107.64 11.22 -963.98	1130.64 34.81 -702.79	182.91 17.87 33.17	105.87 13.58 78.18	221.76 15.33 0.00	97.37 6.13 0.00	95.36 4.54 0.00	60.44 2.83 0.00
INDIAN POINT___3 23531	50.45 2.52 0.00	46.46 2.72 0.00	41.30 2.23 0.00	40.17 2.22 -0.16	40.87 2.19 0.00	44.36 2.30 -0.04	52.31 2.31 0.00	54.96 2.27 0.00	56.18 2.10 0.00	54.44 2.40 0.00	61.16 2.78 0.00	63.18 3.35 0.00	97.17 5.55 0.00	198.12 12.08 -10.73	278.30 20.97 -4.87	925.06 56.89 -233.55	3230.60 11.16 -3087.00	2629.46 34.73 -2201.71	227.82 17.75 -11.87	140.71 13.55 43.32	221.69 15.26 0.00	97.30 6.05 0.00	95.32 4.50 0.00	60.42 2.82 0.00
INGHAM_C_115KV_TB7 356103	48.86 0.93 0.00	44.99 1.26 0.00	40.13 1.06 0.00	38.90 1.10 0.00	39.77 1.09 0.00	43.19 1.17 0.00	50.80 0.80 0.00	53.22 0.53 0.00	54.12 0.04 0.00	51.85 -0.19 0.00	58.19 -0.18 0.00	59.46 -0.37 0.00	91.36 -0.26 0.00	174.52 -0.79 0.00	256.33 3.86 0.00	670.76 36.14 0.00	139.76 7.33 0.00	416.92 23.89 0.00	210.68 12.47 0.00	179.68 9.21 0.00	216.13 9.70 0.00	95.27 4.02 0.00	93.66 2.85 0.00	58.94 1.33 0.00
IP CORINTH___1 23988	50.21 2.27 0.00	46.30 2.57 0.00	41.24 2.17 0.00	39.97 2.17 0.00	40.93 2.25 0.00	44.50 2.48 0.00	52.73 2.72 0.00	55.32 2.64 0.00	56.67 2.60 0.00	54.56 2.53 0.00	60.75 2.38 0.00	62.19 2.35 0.00	94.82 3.19 0.00	173.42 5.95 7.84	264.19 11.89 0.17	675.65 41.16 0.13	151.00 9.09 -9.48	437.58 30.34 -14.22	220.80 18.08 -4.52	184.15 13.68 0.00	222.04 15.62 0.00	97.42 6.17 0.00	95.97 5.15 0.00	60.57 2.97 0.00
IP___TICONDEROGA 23804	52.55 4.61 0.00	49.17 5.44 0.00	43.77 4.69 0.00	42.50 4.71 0.00	43.67 4.99 0.00	47.55 5.52 0.00	56.59 6.59 0.00	58.58 5.89 0.00	59.53 5.45 0.00	57.30 5.27 0.00	64.28 5.90 0.00	64.79 4.95 0.00	98.74 7.11 0.00	180.33 12.86 7.84	278.76 26.46 0.17	712.37 77.88 0.13	158.18 16.27 -9.48	472.20 64.95 -14.22	239.65 36.93 -4.52	198.01 27.54 0.00	236.94 30.51 0.00	103.82 12.57 0.00	100.92 10.10 0.00	64.06 6.45 0.00
ISLIP_RES_REC 323679	51.71 3.77 0.00	47.92 4.19 0.00	42.26 3.18 0.00	40.80 2.88 -0.12	41.50 2.82 0.00	44.87 2.82 -0.03	52.64 2.64 0.00	54.90 2.22 0.00	51.69 1.97 4.37	31.03 2.58 23.59	48.77 3.06 12.66	53.20 3.80 10.43	92.07 6.50 6.06	182.86 13.77 6.21	261.09 24.05 15.43	604.85 55.24 85.01	709.43 9.38 -567.61	1486.80 35.31 -1058.46	261.79 20.66 -42.93	184.93 15.41 0.95	137.50 16.34 85.27	35.39 6.81 62.67	97.17 3.75 -2.60	29.98 2.74 30.37

JAMAICA__27_KV_LOAD 355505	51.38 3.45 0.00	47.36 3.63 0.00	42.12 3.04 0.00	40.88 2.97 -0.12	41.62 2.95 0.00	45.22 3.17 -0.03	53.38 3.38 0.00	56.18 3.49 0.00	57.39 3.31 0.00	55.63 3.60 0.00	62.46 4.08 0.00	64.70 4.87 0.00	99.82 8.13 -0.06	206.09 16.98 -13.80	291.41 28.00 -10.94	902.14 74.55 -192.96	2699.41 14.25 -2552.72	2286.38 43.17 -1850.18	263.52 21.78 -43.54	217.09 17.08 -29.54	231.39 19.62 -5.34	-0.03 7.69 98.97	-65.99 5.89 162.69	61.57 3.97 0.00
JANIS__SOLAR 323808	49.93 1.99 0.00	45.36 1.63 0.00	40.15 1.07 0.00	38.91 1.11 0.00	39.97 1.30 0.00	43.67 1.65 0.00	51.99 1.99 0.00	54.60 1.91 0.00	55.68 1.60 0.00	54.23 2.16 -0.04	60.53 2.15 0.00	62.10 2.27 0.00	95.15 3.52 0.00	182.10 6.80 0.00	264.77 12.12 -0.19	665.92 31.16 -0.14	130.19 7.47 9.72	408.46 25.21 9.78	211.36 12.18 -0.98	183.30 12.83 0.00	221.62 15.19 0.00	97.76 6.51 0.00	96.64 5.82 0.00	60.77 3.16 0.00
JARVIS____ 23743	48.12 0.19 0.00	43.99 0.26 0.00	39.28 0.20 0.00	38.03 0.23 0.00	38.91 0.23 0.00	42.26 0.23 0.00	50.16 0.16 0.00	52.80 0.12 0.00	54.14 0.06 0.00	52.14 0.10 0.00	58.49 0.11 0.00	59.98 0.15 0.00	91.81 0.19 0.00	175.81 0.50 0.00	254.13 1.66 0.00	640.27 5.65 0.00	133.76 1.33 0.00	397.41 4.38 0.00	200.73 2.52 0.00	172.36 1.89 0.00	208.29 1.86 0.00	91.89 0.63 0.00	91.26 0.45 0.00	57.83 0.23 0.00
JENNISON____1 23625	49.67 1.73 0.00	44.99 1.25 0.00	39.64 0.56 0.00	38.45 0.66 0.00	39.75 1.07 0.00	43.41 1.39 0.00	51.56 1.56 0.00	54.38 1.69 0.00	55.95 1.88 0.00	54.38 2.32 -0.02	61.33 2.95 0.00	62.87 3.03 0.00	96.45 4.82 0.00	185.86 8.99 -1.56	269.03 16.33 -0.24	674.50 39.71 -0.18	129.05 9.22 12.61	408.68 29.44 13.78	213.87 14.66 -1.01	184.69 14.22 0.00	222.76 16.33 0.00	98.05 6.79 0.00	96.81 6.00 0.00	60.98 3.37 0.00
JENNISON____2 23626	49.67 1.73 0.00	44.99 1.25 0.00	39.64 0.56 0.00	38.45 0.66 0.00	39.75 1.07 0.00	43.41 1.39 0.00	51.56 1.56 0.00	54.38 1.69 0.00	55.95 1.88 0.00	54.38 2.32 -0.02	61.33 2.95 0.00	62.87 3.03 0.00	96.45 4.82 0.00	185.86 8.99 -1.56	269.03 16.33 -0.24	674.50 39.71 -0.18	129.05 9.22 12.61	408.68 29.44 13.78	213.87 14.66 -1.01	184.69 14.22 0.00	222.76 16.33 0.00	98.05 6.79 0.00	96.81 6.00 0.00	60.98 3.37 0.00
JERICOHO_RISE_WT_PWR 323719	47.67 -0.26 0.00	43.35 -0.38 0.00	38.53 -0.55 0.00	37.19 -0.60 0.00	38.08 -0.60 0.00	41.48 -0.55 0.00	49.95 -0.05 0.00	52.90 0.22 0.00	54.48 0.40 0.00	52.14 0.10 0.00	58.34 -0.04 0.00	59.43 -0.40 0.00	90.54 -1.09 0.00	171.82 -3.49 0.00	245.36 -7.11 0.00	612.63 -21.99 0.00	126.38 -6.05 0.00	373.50 -19.53 0.00	188.70 -9.51 0.00	163.55 -6.92 0.00	199.76 -6.67 0.00	89.46 -1.79 0.00	89.84 -0.97 0.00	57.28 -0.33 0.00
KATONAH__115KV_46KV_TB4 355592	50.73 2.79 0.00	46.68 2.94 0.00	41.49 2.41 0.00	40.18 2.38 0.00	41.03 2.35 0.00	44.53 2.51 0.00	52.60 2.60 0.00	55.30 2.61 0.00	56.55 2.47 0.00	54.83 2.79 0.00	61.60 3.22 0.00	63.62 3.79 0.00	97.91 6.29 0.00	199.88 13.51 -11.06	274.98 23.05 0.54	702.46 62.97 -4.87	274.42 12.64 -129.35	580.33 39.47 -147.83	230.99 20.04 -12.74	202.03 15.34 -16.22	223.47 17.05 0.00	98.25 7.00 0.00	96.00 5.18 0.00	60.86 3.25 0.00
KCE_NY_1 323755	50.24 2.30 0.00	46.16 2.43 0.00	41.13 2.05 0.00	39.90 2.10 0.00	40.81 2.13 0.00	44.37 2.35 0.00	52.61 2.61 0.00	55.22 2.53 0.00	56.47 2.39 0.00	54.42 2.38 0.00	60.89 2.51 0.00	62.40 2.56 0.00	95.32 3.69 0.00	173.89 6.95 8.37	265.02 12.72 0.17	676.70 42.21 0.13	151.34 9.21 -9.70	436.88 29.16 -14.69	218.97 16.32 -4.45	183.18 12.71 0.00	220.78 14.35 0.00	96.91 5.66 0.00	95.76 4.95 0.00	60.45 2.84 0.00
KCE_NY_6_ESR 323823	48.10 0.17 0.00	43.08 -0.65 0.00	37.58 -1.50 0.00	36.40 -1.40 0.00	37.40 -1.28 0.00	41.09 -0.93 0.00	48.75 -1.25 0.00	50.80 -1.89 0.00	52.20 -1.88 0.00	50.20 -1.67 0.16	57.94 -0.44 0.00	59.95 0.12 0.00	92.68 1.05 0.00	176.60 1.30 0.00	255.11 2.65 0.00	622.65 -11.97 0.00	131.23 -2.25 -1.05	383.19 -3.69 6.16	192.84 -3.90 1.46	168.85 -1.62 0.00	203.61 -2.82 0.00	89.79 -1.46 0.00	90.00 -0.82 0.00	57.88 0.27 0.00
KEDC PORT_JEFF_GT2 24210	51.23 3.29 0.00	47.55 3.81 0.00	41.96 2.89 0.00	40.52 2.60 -0.12	41.20 2.52 0.00	44.54 2.48 -0.03	52.21 2.21 0.00	54.37 1.69 0.00	51.05 1.38 4.40	30.24 2.00 23.79	48.02 2.41 12.76	52.39 3.08 10.52	90.11 5.10 6.62	178.21 10.15 7.25	255.43 18.79 15.83	591.38 44.79 88.03	689.26 7.33 -549.49	1471.82 27.87 -1050.91	257.67 16.61 -42.86	180.77 11.87 1.57	132.77 12.35 86.01	31.69 5.27 64.83	92.95 2.22 0.08	29.07 2.10 30.63
KEDC PORT_JEFF_GT3 24211	51.23 3.29 0.00	47.55 3.81 0.00	41.96 2.89 0.00	40.52 2.60 -0.12	41.20 2.52 0.00	44.54 2.48 -0.03	52.21 2.21 0.00	54.37 1.69 0.00	51.05 1.38 4.40	30.24 2.00 23.79	48.02 2.41 12.76	52.39 3.08 10.52	90.11 5.10 6.62	178.21 10.15 7.25	255.43 18.79 15.83	591.38 44.79 88.03	689.26 7.33 -549.49	1471.82 27.87 -1050.91	257.67 16.61 -42.86	180.77 11.87 1.57	132.77 12.35 86.01	31.69 5.27 64.83	92.95 2.22 0.08	29.07 2.10 30.63
KEDC_GLWD_GT4 24219	51.32 3.39 0.00	47.36 3.62 0.00	41.98 2.90 0.00	40.71 2.79 -0.12	41.42 2.74 0.00	44.91 2.85 -0.03	52.92 2.91 0.00	55.47 2.78 0.00	55.25 2.63 1.46	47.44 2.98 7.58	57.66 3.51 4.23	60.31 3.97 3.49	97.53 6.58 0.67	198.40 14.35 -8.75	276.76 24.82 0.52	798.79 66.10 -98.06	2018.24 12.58 -1873.22	1974.60 38.99 -1542.58	261.54 19.90 -43.44	205.03 14.92 -19.64	197.05 16.73 26.11	136.92 6.73 -38.93	171.12 4.76 -75.54	50.97 3.23 9.87
KEDC_GLWD_GT5 24220	51.32 3.39 0.00	47.36 3.62 0.00	41.98 2.90 0.00	40.71 2.79 -0.12	41.42 2.74 0.00	44.91 2.85 -0.03	52.92 2.91 0.00	55.47 2.78 0.00	55.25 2.63 1.46	47.44 2.98 7.58	57.66 3.51 4.23	60.31 3.97 3.49	97.53 6.58 0.67	198.40 14.35 -8.75	276.76 24.82 0.52	798.79 66.10 -98.06	2018.24 12.58 -1873.22	1974.60 38.99 -1542.58	261.54 19.90 -43.44	205.03 14.92 -19.64	197.05 16.73 26.11	136.92 6.73 -38.93	171.12 4.76 -75.54	50.97 3.23 9.87
KENSICO____ 23655	50.73 2.80 0.00	46.73 3.00 0.00	41.53 2.45 0.00	40.34 2.42 -0.12	41.07 2.39 0.00	44.57 2.52 -0.03	52.60 2.59 0.00	55.27 2.59 0.00	56.50 2.42 0.00	54.76 2.72 0.00	61.53 3.15 0.00	63.57 3.74 0.00	97.81 6.18 0.00	199.45 13.31 -10.84	280.84 22.81 -5.57	875.17 61.47 -179.08	2667.88 12.02 -2523.43	2267.97 37.09 -1837.86	261.97 18.95 -44.82	214.98 14.58 -29.94	222.86 16.44 0.00	97.79 6.54 0.00	95.70 4.89 0.00	60.67 3.07 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	51.02 3.09 0.00	46.78 3.04 0.00	41.57 2.49 0.00	40.25 2.45 0.00	41.11 2.43 0.00	44.64 2.61 0.00	52.74 2.74 0.00	55.47 2.78 0.00	56.78 2.70 0.00	54.93 2.90 0.00	61.61 3.23 0.00	63.65 3.81 0.00	98.11 6.48 0.00	197.15 13.99 -7.86	276.57 23.46 -0.64	695.50 65.10 4.22	39.42 13.44 106.45	359.04 42.98 76.97	216.62 22.04 3.62	177.83 17.16 9.79	225.54 19.11 0.00	98.88 7.63 0.00	96.88 6.06 0.00	61.20 3.59 0.00

KIAC_JFK_GT1 23816	50.83 2.89 0.00	46.92 3.18 0.00	41.80 2.72 0.00	40.58 2.66 -0.12	41.33 2.65 0.00	44.89 2.84 -0.03	52.99 2.99 0.00	55.74 3.05 0.00	56.96 2.88 0.00	55.22 3.19 0.00	61.96 3.58 0.00	64.16 4.33 0.00	98.97 7.28 -0.06	204.49 15.38 -13.80	288.92 25.51 -10.94	896.14 68.56 -192.96	2698.13 12.98 -2552.72	2282.47 39.27 -1850.18	261.57 19.83 -43.54	215.39 15.39 -29.54	229.41 17.64 -5.34	-0.90 6.82 98.97	-66.85 5.03 162.69	61.05 3.44 0.00
KIAC_JFK_GT2 23817	50.83 2.89 0.00	46.92 3.18 0.00	41.80 2.72 0.00	40.58 2.66 -0.12	41.33 2.65 0.00	44.89 2.84 -0.03	52.99 2.99 0.00	55.74 3.05 0.00	56.96 2.88 0.00	55.22 3.19 0.00	61.96 3.58 0.00	64.16 4.33 0.00	98.97 7.28 -0.06	204.49 15.38 -13.80	288.92 25.51 -10.94	896.14 68.56 -192.96	2698.13 12.98 -2552.72	2282.47 39.27 -1850.18	261.57 19.83 -43.54	215.39 15.39 -29.54	229.41 17.64 -5.34	-0.90 6.82 98.97	-66.85 5.03 162.69	61.05 3.44 0.00
KIAC_JFK____ 323774	50.83 2.90 0.00	46.92 3.18 0.00	41.80 2.72 0.00	40.58 2.66 -0.12	41.33 2.65 0.00	44.89 2.84 -0.03	52.99 2.99 0.00	55.74 3.05 0.00	56.96 2.88 0.00	55.22 3.18 0.00	61.96 3.58 0.00	64.16 4.32 0.00	98.96 7.28 -0.06	204.46 15.35 -13.80	288.97 25.56 -10.94	896.42 68.84 -192.96	2698.09 12.94 -2552.72	2282.37 39.16 -1850.18	261.60 19.86 -43.54	215.40 15.40 -29.54	229.40 17.63 -5.34	-0.88 6.84 98.97	-66.85 5.03 162.69	61.03 3.43 0.00
KINTIGH__24_KV_GSU 356498	47.97 0.04 0.00	43.10 -0.63 0.00	37.67 -1.40 0.00	36.48 -1.32 0.00	37.45 -1.23 0.00	41.04 -0.99 0.00	48.68 -1.33 0.00	50.73 -1.96 0.00	52.15 -1.93 0.00	50.27 -1.68 0.08	57.71 -0.67 0.00	59.62 -0.21 0.00	91.93 0.31 0.00	174.98 -0.32 0.00	252.02 -0.45 0.00	616.89 -17.73 0.00	130.04 -3.64 -1.25	382.06 -8.30 2.67	192.12 -5.45 0.64	167.05 -3.42 0.00	201.51 -4.91 0.00	88.79 -2.46 0.00	88.84 -1.97 0.00	57.14 -0.46 0.00
KINTIGH____ 23543	47.93 -0.01 0.00	43.06 -0.67 0.00	37.64 -1.43 0.00	36.46 -1.34 0.00	37.43 -1.25 0.00	41.00 -1.03 0.00	48.61 -1.39 0.00	50.68 -2.01 0.00	52.11 -1.96 0.00	50.23 -1.72 0.08	57.65 -0.73 0.00	59.54 -0.30 0.00	91.84 0.21 0.00	174.84 -0.47 0.00	251.81 -0.66 0.00	616.69 -17.93 0.00	129.95 -3.73 -1.25	381.81 -8.55 2.67	192.17 -5.40 0.64	167.06 -3.40 0.00	201.52 -4.91 0.00	88.82 -2.43 0.00	88.81 -2.00 0.00	57.14 -0.46 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	48.26 0.32 0.00	43.92 0.18 0.00	39.01 -0.07 0.00	37.65 -0.15 0.00	38.52 -0.16 0.00	41.95 -0.07 0.00	50.56 0.55 0.00	53.55 0.86 0.00	55.14 1.07 0.00	52.83 0.79 0.00	58.85 0.47 0.00	59.83 -0.01 0.00	91.16 -0.46 0.00	172.42 -2.89 0.00	246.94 -5.53 0.00	617.37 -17.25 0.00	126.28 -6.15 0.00	374.40 -18.62 0.00	189.65 -8.56 0.00	164.25 -6.22 0.00	200.74 -5.69 0.00	89.92 -1.33 0.00	90.45 -0.37 0.00	57.74 0.14 0.00
LACHUTE____HYDRO 323717	52.55 4.61 0.00	49.17 5.44 0.00	43.76 4.69 0.00	42.50 4.71 0.00	43.67 4.99 0.00	47.55 5.53 0.00	56.59 6.59 0.00	58.58 5.89 0.00	59.53 5.46 0.00	57.30 5.27 0.00	64.28 5.91 0.00	64.78 4.95 0.00	98.73 7.11 0.00	180.30 12.83 7.84	278.75 26.45 0.17	712.35 77.86 0.13	158.18 16.27 -9.48	472.20 64.95 -14.22	239.66 36.94 -4.52	198.02 27.55 0.00	236.90 30.47 0.00	103.83 12.58 0.00	100.92 10.10 0.00	64.04 6.44 0.00
LAWRNCV_115KV_TB1 80681	48.79 0.86 0.00	44.31 0.58 0.00	39.63 0.55 0.00	38.19 0.39 0.00	39.16 0.48 0.00	42.59 0.56 0.00	51.21 1.21 0.00	53.94 1.25 0.00	55.39 1.31 0.00	53.17 1.14 0.00	59.70 1.32 0.00	60.66 0.82 0.00	92.67 1.05 0.00	175.92 0.61 0.00	249.94 -2.52 0.00	624.10 -10.52 0.00	128.63 -3.80 0.00	378.44 -14.59 0.00	189.36 -8.84 0.00	164.54 -5.93 0.00	203.15 -3.28 0.00	90.97 -0.28 0.00	91.51 0.69 0.00	58.27 0.67 0.00
LEDERLE____ 23769	50.73 2.79 0.00	46.66 2.92 0.00	41.47 2.39 0.00	40.22 2.38 -0.04	41.03 2.35 0.00	44.51 2.49 0.01	52.54 2.54 0.00	55.22 2.53 0.00	56.47 2.39 0.00	54.73 2.69 0.00	61.55 3.17 0.00	63.65 3.82 0.00	97.95 6.32 0.00	199.33 13.72 -10.30	279.77 23.45 -3.86	659.65 62.89 37.86	-250.05 12.49 394.97	63.18 38.35 368.20	188.21 19.40 29.40	139.55 14.86 45.77	223.16 16.73 0.00	97.93 6.68 0.00	95.96 5.15 0.00	60.77 3.16 0.00
LIGHTHSE_115KV_TB6 355974	52.63 0.51 -4.19	44.69 0.47 -0.49	39.12 0.04 0.00	37.77 -0.02 0.00	38.83 0.15 0.00	42.59 0.18 -0.38	51.39 0.21 -1.18	52.84 0.15 0.00	54.13 0.05 0.00	52.43 0.22 -0.18	64.28 0.21 -5.69	65.99 0.24 -5.92	102.20 0.35 -10.23	183.88 -0.05 -8.63	257.13 -0.66 -5.32	635.43 -8.48 -9.29	131.91 -1.56 -1.04	391.78 -1.25 0.00	197.94 -0.26 0.00	171.13 0.66 0.00	208.40 1.40 -0.57	93.96 0.25 -2.46	91.67 0.21 -0.64	58.39 -0.05 -0.84
LINDEN COGEN____ 23786	50.72 2.79 0.00	46.79 3.06 0.00	41.59 2.51 0.00	40.38 2.46 -0.12	41.09 2.41 0.00	44.57 2.52 -0.03	51.18 2.58 1.40	55.30 2.61 0.00	56.55 2.47 0.00	54.82 2.79 0.00	61.63 3.25 0.00	63.71 3.87 0.00	98.03 6.41 0.00	200.07 13.92 -10.84	282.20 23.75 -5.98	706.88 63.19 -9.08	1806.63 11.73 -1662.46	1949.33 35.90 -1520.40	260.07 18.33 -43.54	212.38 13.96 -27.95	222.66 16.23 0.00	97.77 6.52 0.00	95.53 4.71 0.00	60.63 3.02 0.00
LINDHRST_69_KV_BK1 356055	51.78 3.85 0.00	47.98 4.24 0.00	42.38 3.30 0.00	40.96 3.05 -0.12	41.66 2.98 0.00	45.08 3.03 -0.03	52.97 2.97 0.00	55.27 2.59 0.00	52.60 2.32 3.80	34.32 2.70 20.41	50.55 3.20 11.02	54.68 3.93 9.09	94.82 6.60 3.40	188.78 13.99 0.52	264.94 24.70 12.23	651.20 63.74 47.16	971.33 12.10 -826.80	1578.64 39.25 -1146.36	262.18 20.74 -43.23	189.78 15.27 -4.05	149.72 17.05 73.76	56.10 6.91 42.06	112.16 4.54 -16.80	34.24 2.96 26.33
LIPA_MISC_IPP 23656	51.04 3.11 0.00	47.29 3.56 0.00	41.71 2.63 0.00	40.24 2.32 -0.12	40.90 2.23 0.00	44.25 2.20 -0.03	51.89 1.89 0.00	54.16 1.47 0.00	50.77 1.11 4.42	29.89 1.74 23.89	47.56 2.00 12.81	51.92 2.64 10.56	90.79 4.56 5.39	180.14 10.01 5.18	255.96 18.79 15.29	591.82 44.42 87.22	685.97 6.93 -546.60	1471.37 25.67 -1052.68	257.20 15.98 -43.02	181.94 12.25 0.78	132.99 12.93 86.36	30.71 5.20 65.74	94.13 2.42 -0.90	28.96 2.10 30.75
LISF____SOLAR 323691	51.18 3.24 0.00	47.41 3.68 0.00	41.79 2.72 0.00	40.32 2.40 -0.12	40.98 2.31 0.00	44.34 2.29 -0.03	52.00 2.00 0.00	54.26 1.57 0.00	50.92 1.25 4.41	30.00 1.82 23.85	47.70 2.11 12.79	52.05 2.76 10.54	90.80 4.74 5.56	180.25 10.40 5.45	256.59 19.48 15.35	593.95 46.43 87.09	688.52 7.29 -548.79	1473.23 27.14 -1053.06	258.16 16.96 -43.00	182.52 12.92 0.86	133.79 13.59 86.23	31.54 5.66 65.37	94.43 2.65 -0.97	29.09 2.19 30.70
LITTLE FALLS____HYD 24013	48.86 0.93 0.00	44.99 1.26 0.00	40.13 1.06 0.00	38.90 1.10 0.00	39.77 1.09 0.00	43.19 1.17 0.00	50.80 0.80 0.00	53.22 0.53 0.00	54.12 0.04 0.00	51.85 -0.19 0.00	58.19 -0.18 0.00	59.46 -0.37 0.00	91.36 -0.26 0.00	174.52 -0.79 0.00	256.33 3.86 0.00	670.76 36.14 0.00	139.76 7.33 0.00	416.92 23.89 0.00	210.68 12.47 0.00	179.68 9.21 0.00	216.13 9.70 0.00	95.27 4.02 0.00	93.66 2.85 0.00	58.94 1.33 0.00

LITTLRIV_115KV_TB1 356100	49.57 1.64 0.00	44.99 1.26 0.00	40.23 1.15 0.00	38.78 0.98 0.00	39.77 1.10 0.00	43.29 1.26 0.00	52.13 2.13 0.00	54.84 2.16 0.00	56.26 2.18 0.00	54.07 2.03 0.00	60.56 2.18 0.00	61.46 1.62 0.00	93.94 2.31 0.00	178.04 2.73 0.00	251.72 -0.74 0.00	628.66 -5.96 0.00	129.04 -3.40 0.00	380.06 -12.97 0.00	190.07 -8.14 0.00	166.27 -4.20 0.00	206.68 0.25 0.00	92.69 1.44 0.00	93.15 2.33 0.00	59.24 1.64 0.00
LI_NEWBRDGE___DRP 323616	50.83 2.90 0.00	47.06 3.32 0.00	41.65 2.57 0.00	40.32 2.40 -0.12	41.01 2.34 0.00	44.41 2.36 -0.03	52.20 2.20 0.00	54.54 1.85 0.00	50.90 1.59 4.76	28.25 2.01 25.80	47.03 2.45 13.80	51.55 3.08 11.37	94.54 5.21 2.29	185.87 11.57 1.01	257.45 20.80 15.81	584.25 55.15 105.52	539.32 10.32 -396.56	1429.57 32.82 -1003.72	258.71 17.07 -43.44	182.25 12.55 0.77	126.16 13.95 94.22	9.95 5.61 86.91	82.11 3.90 12.60	26.69 2.26 33.18
LOCKPORT_115KV_TB60_63_64 80432	47.78 -0.15 0.00	42.76 -0.97 0.00	37.22 -1.86 0.00	36.01 -1.79 0.00	37.02 -1.66 0.00	40.63 -1.39 0.00	48.13 -1.87 0.00	49.95 -2.74 0.00	51.38 -2.70 0.00	49.45 -2.46 0.12	57.02 -1.36 0.00	59.02 -0.82 0.00	91.19 -0.44 0.00	173.27 -2.04 0.00	249.30 -3.17 0.00	608.31 -26.31 0.00	128.65 -4.91 -1.13	376.22 -12.39 4.42	189.57 -7.58 1.05	165.25 -5.22 0.00	199.47 -6.96 0.00	88.02 -3.23 0.00	88.57 -2.25 0.00	57.29 -0.31 0.00
LOCKPORT___CC1 323769	47.61 -0.32 0.00	42.62 -1.12 0.00	37.08 -2.00 0.00	35.89 -1.91 0.00	36.88 -1.79 0.00	40.49 -1.53 0.00	48.00 -2.01 0.00	49.81 -2.88 0.00	51.19 -2.88 0.00	49.26 -2.64 0.13	56.84 -1.53 0.00	58.88 -0.96 0.00	90.90 -0.72 0.00	172.79 -2.52 0.00	248.59 -3.88 0.00	606.40 -28.22 0.00	128.19 -5.30 -1.06	374.36 -13.75 4.93	188.68 -8.35 1.17	164.67 -5.80 0.00	198.76 -7.67 0.00	87.71 -3.54 0.00	88.37 -2.45 0.00	57.18 -0.43 0.00
LOCKPORT___CC2 323770	47.61 -0.32 0.00	42.62 -1.12 0.00	37.08 -2.00 0.00	35.89 -1.91 0.00	36.88 -1.79 0.00	40.49 -1.53 0.00	48.00 -2.01 0.00	49.81 -2.88 0.00	51.19 -2.88 0.00	49.26 -2.64 0.13	56.84 -1.53 0.00	58.88 -0.96 0.00	90.90 -0.72 0.00	172.79 -2.52 0.00	248.59 -3.88 0.00	606.40 -28.22 0.00	128.19 -5.30 -1.06	374.36 -13.75 4.93	188.68 -8.35 1.17	164.67 -5.80 0.00	198.76 -7.67 0.00	87.71 -3.54 0.00	88.37 -2.45 0.00	57.18 -0.43 0.00
LOCKPORT___CC3 323771	47.61 -0.32 0.00	42.62 -1.12 0.00	37.08 -2.00 0.00	35.89 -1.91 0.00	36.88 -1.79 0.00	40.49 -1.53 0.00	48.00 -2.01 0.00	49.81 -2.88 0.00	51.19 -2.88 0.00	49.26 -2.64 0.13	56.84 -1.53 0.00	58.88 -0.96 0.00	90.90 -0.72 0.00	172.79 -2.52 0.00	248.59 -3.88 0.00	606.40 -28.22 0.00	128.19 -5.30 -1.06	374.36 -13.75 4.93	188.68 -8.35 1.17	164.67 -5.80 0.00	198.76 -7.67 0.00	87.71 -3.54 0.00	88.37 -2.45 0.00	57.18 -0.43 0.00
LOCUSVLY_69_KV_BK2 55797	51.50 3.57 0.00	47.62 3.89 0.00	42.15 3.08 0.00	40.85 2.93 -0.12	41.55 2.87 0.00	44.99 2.94 -0.03	52.96 2.95 0.00	55.37 2.68 0.00	54.31 2.47 2.23	43.08 2.88 11.83	55.39 3.49 6.48	58.67 4.17 5.34	97.54 6.98 1.06	196.68 15.20 -6.17	274.17 26.45 4.74	753.19 69.73 -48.84	1665.81 13.28 -1520.10	1843.30 41.28 -1408.99	262.59 20.95 -43.44	200.74 15.60 -14.68	181.27 17.44 42.60	110.48 6.90 -12.33	153.51 4.96 -57.74	45.42 3.13 15.32
LONG_LAKE_PHOENIX 24014	53.97 -0.42 -6.46	43.96 -0.53 -0.76	38.43 -0.65 0.00	37.19 -0.61 0.00	38.11 -0.57 0.00	42.07 -0.55 -0.59	51.13 -0.69 -1.82	52.06 -0.62 0.00	53.42 -0.66 0.00	51.75 -0.56 -0.27	66.50 -0.66 -8.78	68.41 -0.55 -9.12	106.78 -0.62 -15.77	187.43 -1.18 -13.30	259.51 -1.16 -8.20	642.15 -6.80 -14.33	132.50 -1.08 -1.15	391.57 -1.46 0.00	197.58 -0.62 0.00	170.14 -0.33 0.00	206.47 -0.84 -0.88	94.28 -0.76 -3.79	90.82 -0.99 -0.99	58.18 -0.72 -1.29
LOVETT___3 23632	50.38 2.44 0.00	46.39 2.65 0.00	41.24 2.17 0.00	40.03 2.16 -0.07	40.81 2.13 0.00	44.25 2.23 0.01	52.22 2.22 0.00	54.86 2.17 0.00	56.07 1.99 0.00	54.34 2.31 0.00	61.05 2.67 0.00	63.09 3.26 0.00	97.04 5.42 0.00	197.64 11.91 -10.42	277.31 20.70 -4.14	639.06 55.92 51.47	-247.55 10.97 390.95	72.83 34.03 354.23	183.89 17.41 31.72	137.88 13.22 45.82	221.30 14.87 0.00	97.14 5.89 0.00	95.19 4.38 0.00	60.33 2.72 0.00
LOVETT___4 23642	50.38 2.44 0.00	46.39 2.65 0.00	41.24 2.17 0.00	40.03 2.16 -0.07	40.81 2.13 0.00	44.25 2.23 0.01	52.22 2.22 0.00	54.86 2.17 0.00	56.07 1.99 0.00	54.34 2.31 0.00	61.05 2.67 0.00	63.09 3.26 0.00	97.04 5.42 0.00	197.64 11.91 -10.42	277.31 20.70 -4.14	639.06 55.92 51.47	-247.55 10.97 390.95	72.83 34.03 354.23	183.89 17.41 31.72	137.88 13.22 45.82	221.30 14.87 0.00	97.14 5.89 0.00	95.19 4.38 0.00	60.33 2.72 0.00
LOVETT___5 23593	50.38 2.44 0.00	46.39 2.65 0.00	41.24 2.17 0.00	40.03 2.16 -0.07	40.81 2.13 0.00	44.25 2.23 0.01	52.22 2.22 0.00	54.86 2.17 0.00	56.07 1.99 0.00	54.34 2.31 0.00	61.05 2.67 0.00	63.09 3.26 0.00	97.04 5.42 0.00	197.64 11.91 -10.42	277.31 20.70 -4.14	639.06 55.92 51.47	-247.55 10.97 390.95	72.83 34.03 354.23	183.89 17.41 31.72	137.88 13.22 45.82	221.30 14.87 0.00	97.14 5.89 0.00	95.19 4.38 0.00	60.33 2.72 0.00
LOWER RAQUET___HYD 24057	48.92 0.98 0.00	44.43 0.70 0.00	39.69 0.62 0.00	38.25 0.45 0.00	39.23 0.55 0.00	42.66 0.64 0.00	51.32 1.32 0.00	54.04 1.36 0.00	55.48 1.40 0.00	53.27 1.23 0.00	59.80 1.42 0.00	60.75 0.91 0.00	92.80 1.17 0.00	176.00 0.69 0.00	249.97 -2.50 0.00	623.81 -10.81 0.00	128.42 -4.01 0.00	377.63 -15.40 0.00	188.75 -9.45 0.00	164.19 -6.28 0.00	203.16 -3.27 0.00	91.10 -0.15 0.00	91.68 0.87 0.00	58.34 0.73 0.00
LOWER___HUDSON 24059	49.29 1.36 0.00	45.40 1.66 0.00	40.48 1.41 0.00	39.26 1.47 0.00	40.14 1.46 0.00	43.57 1.54 0.00	51.50 1.50 0.00	54.10 1.41 0.00	55.42 1.34 0.00	53.50 1.47 0.00	59.71 1.33 0.00	61.25 1.42 0.00	93.62 1.99 0.00	168.00 3.64 10.95	260.28 8.00 0.19	662.88 28.40 0.14	149.75 6.40 -10.92	430.98 20.75 -17.20	214.43 12.27 -3.95	179.59 9.12 0.00	216.36 9.94 0.00	94.97 3.72 0.00	93.89 3.07 0.00	59.30 1.69 0.00
LOWVILLE_115KV_TB2 356335	51.14 2.14 -1.06	45.83 1.97 -0.12	40.34 1.26 0.00	38.82 1.03 0.00	40.06 1.39 0.00	43.33 1.21 -0.10	51.96 1.66 -0.30	54.12 1.44 0.00	55.02 0.94 0.00	53.31 1.23 -0.05	61.35 1.53 -1.45	62.62 1.28 -1.50	95.64 1.42 -2.60	178.25 0.76 -2.19	254.12 0.30 -1.35	631.82 -5.16 -2.36	131.44 -0.99 0.00	393.56 0.53 0.00	199.49 1.29 0.00	172.85 2.38 0.00	211.44 4.87 -0.15	93.80 1.92 -0.62	92.75 1.77 -0.16	58.43 0.61 -0.21
LUTHERFT_115KV_GLOB_FND_222 355753	50.19 2.26 0.00	46.15 2.41 0.00	41.13 2.06 0.00	39.87 2.08 0.00	40.80 2.12 0.00	44.34 2.32 0.00	52.51 2.51 0.00	55.14 2.45 0.00	56.46 2.39 0.00	54.40 2.37 0.00	60.83 2.45 0.00	62.34 2.50 0.00	95.21 3.58 0.00	173.69 6.76 8.37	264.74 12.44 0.17	675.53 41.04 0.13	151.16 9.03 -9.70	436.38 28.66 -14.69	218.69 16.04 -4.45	182.93 12.46 0.00	220.51 14.08 0.00	96.81 5.56 0.00	95.67 4.86 0.00	60.42 2.81 0.00

LUTHERNY_35_KV_BK2 355980	50.24 2.30 0.00	46.17 2.43 0.00	41.13 2.06 0.00	39.90 2.10 0.00	40.81 2.13 0.00	44.38 2.35 0.00	52.61 2.61 0.00	55.22 2.53 0.00	56.47 2.39 0.00	54.43 2.39 0.00	60.89 2.51 0.00	62.40 2.57 0.00	95.32 3.69 0.00	173.89 6.96 8.37	265.02 12.73 0.17	676.65 42.16 0.13	151.34 9.21 -9.70	436.88 29.15 -14.69	218.96 16.31 -4.45	183.18 12.71 0.00	220.78 14.35 0.00	96.90 5.65 0.00	95.77 4.95 0.00	60.45 2.85 0.00
LWR___OSWEGATCHIE_HYD 23850	50.47 1.56 -0.98	45.18 1.33 -0.11	39.99 0.92 0.00	38.51 0.71 0.00	39.62 0.95 0.00	43.04 0.93 -0.09	51.77 1.49 -0.27	54.09 1.41 0.00	55.28 1.20 0.00	53.35 1.27 -0.04	61.19 1.49 -1.32	62.32 1.11 -1.37	95.25 1.26 -2.37	177.91 0.60 -2.00	252.11 -1.59 -1.24	627.03 -9.74 -2.16	129.56 -2.87 0.00	384.86 -8.17 0.00	193.70 -4.50 0.00	168.33 -2.14 0.00	207.28 0.72 -0.13	92.73 0.91 -0.57	92.31 1.34 -0.15	58.47 0.67 -0.19
LYONS_FALL_HYD 23570	50.47 1.86 -0.67	45.52 1.71 -0.08	40.24 1.16 0.00	38.80 1.01 0.00	39.92 1.25 0.00	43.28 1.19 -0.06	51.75 1.56 -0.19	54.14 1.45 0.00	55.20 1.12 0.00	53.38 1.32 -0.03	60.91 1.61 -0.91	62.26 1.48 -0.95	95.12 1.85 -1.64	179.39 2.70 -1.39	257.12 3.79 -0.86	641.48 5.36 -1.49	133.76 1.33 0.00	399.30 6.27 0.00	202.10 3.90 0.00	174.76 4.29 0.00	212.83 6.31 -0.09	94.20 2.56 -0.39	93.22 2.30 -0.10	58.78 1.04 -0.13
MADISON___COUNTY_LFGE 323628	49.55 1.61 0.00	45.17 1.43 0.00	40.17 1.09 0.00	38.85 1.06 0.00	39.83 1.16 0.00	43.33 1.31 0.00	51.58 1.58 0.00	54.29 1.60 0.00	55.57 1.49 0.00	53.66 1.63 0.00	60.33 1.96 0.00	61.83 2.00 0.00	94.39 2.76 0.00	181.65 6.34 0.00	263.10 10.63 0.00	656.37 21.75 0.00	138.22 4.93 -0.86	409.00 15.97 0.00	206.36 8.16 0.00	178.26 7.79 0.00	215.95 9.52 0.00	95.21 3.96 0.00	94.30 3.48 0.00	59.50 1.90 0.00
MALONE___115KV_TB1 356076	48.56 0.63 0.00	44.12 0.38 0.00	39.22 0.15 0.00	37.84 0.04 0.00	38.75 0.08 0.00	42.23 0.20 0.00	50.90 0.89 0.00	53.89 1.20 0.00	55.48 1.40 0.00	53.13 1.10 0.00	59.56 1.19 0.00	60.61 0.78 0.00	92.37 0.74 0.00	174.63 -0.67 0.00	249.32 -3.15 0.00	622.25 -12.37 0.00	128.44 -3.99 0.00	379.41 -13.62 0.00	191.25 -6.95 0.00	165.82 -4.65 0.00	203.27 -3.16 0.00	91.11 -0.14 0.00	91.51 0.69 0.00	58.20 0.60 0.00
MAPLEWOD_115KV_TB3 80458	49.08 1.15 0.00	45.12 1.38 0.00	40.28 1.20 0.00	39.07 1.28 0.00	39.93 1.25 0.00	43.30 1.28 0.00	51.20 1.19 0.00	53.82 1.13 0.00	55.09 1.01 0.00	53.20 1.17 0.00	59.43 1.05 0.00	61.08 1.24 0.00	93.42 1.79 0.00	171.11 3.80 8.00	260.38 8.10 0.19	663.32 28.84 0.14	149.56 6.63 -10.49	428.92 19.76 -16.13	212.62 11.05 -3.36	178.56 8.09 0.00	214.95 8.52 0.00	94.38 3.13 0.00	93.29 2.47 0.00	58.96 1.36 0.00
MAPLE_RIDGE_WT_1 323574	47.61 -0.33 0.00	43.28 -0.45 0.00	38.69 -0.38 0.00	37.57 -0.23 0.00	38.44 -0.24 0.00	41.62 -0.41 0.00	49.66 -0.34 0.00	52.31 -0.38 0.00	53.54 -0.53 0.00	51.58 -0.45 0.00	57.81 -0.56 0.00	59.17 -0.67 0.00	90.44 -1.18 0.00	172.81 -2.49 0.00	248.33 -4.14 0.00	624.73 -9.89 0.00	130.38 -2.05 0.00	386.85 -6.18 0.00	195.52 -2.68 0.00	168.23 -2.24 0.00	204.41 -2.02 0.00	90.43 -0.82 0.00	90.15 -0.67 0.00	57.08 -0.52 0.00
MAPLE_RIDGE_WT_2 323611	47.61 -0.33 0.00	43.28 -0.45 0.00	38.69 -0.38 0.00	37.57 -0.23 0.00	38.44 -0.24 0.00	41.62 -0.41 0.00	49.66 -0.34 0.00	52.31 -0.38 0.00	53.54 -0.53 0.00	51.58 -0.45 0.00	57.81 -0.56 0.00	59.17 -0.67 0.00	90.44 -1.18 0.00	172.81 -2.49 0.00	248.33 -4.14 0.00	624.73 -9.89 0.00	130.38 -2.05 0.00	386.85 -6.18 0.00	195.52 -2.68 0.00	168.23 -2.24 0.00	204.41 -2.02 0.00	90.43 -0.82 0.00	90.15 -0.67 0.00	57.08 -0.52 0.00
MARBLE_RIVER_WT_PWR 323696	47.75 -0.19 0.00	43.44 -0.30 0.00	38.60 -0.47 0.00	37.28 -0.52 0.00	38.14 -0.54 0.00	41.54 -0.48 0.00	50.01 0.01 0.00	52.94 0.25 0.00	54.50 0.42 0.00	52.20 0.16 0.00	58.33 -0.05 0.00	59.41 -0.42 0.00	90.54 -1.09 0.00	171.76 -3.54 0.00	245.53 -6.94 0.00	613.23 -21.39 0.00	126.25 -6.18 0.00	373.37 -19.66 0.00	188.81 -9.39 0.00	163.54 -6.93 0.00	199.64 -6.79 0.00	89.40 -1.86 0.00	89.78 -1.04 0.00	57.26 -0.35 0.00
MARSHVLE_115KV_TB1 80742	51.43 3.50 0.00	46.50 2.77 0.00	41.40 2.33 0.00	40.01 2.21 0.00	40.95 2.28 0.00	44.60 2.57 0.00	53.22 3.22 0.00	56.05 3.36 0.00	57.14 3.07 0.00	54.64 2.61 0.00	61.23 2.86 0.00	62.56 2.73 0.00	95.77 4.15 0.00	178.28 7.60 4.62	263.39 10.93 0.00	666.65 32.03 0.00	138.85 7.74 1.32	417.43 22.86 -1.54	213.73 11.42 -4.11	181.23 10.76 0.00	220.72 14.29 0.00	97.74 6.49 0.00	97.22 6.41 0.00	61.62 4.01 0.00
MARSH_HILL_WT_PWR 323713	47.48 -0.45 0.00	43.05 -0.68 0.00	37.84 -1.23 0.00	36.47 -1.33 0.00	37.51 -1.17 0.00	41.71 -0.31 0.00	49.44 -0.56 0.00	51.50 -1.19 0.00	52.84 -1.24 0.00	51.50 -1.18 -0.65	57.63 -0.74 0.00	59.22 -0.62 0.00	91.60 -0.02 0.00	177.67 2.36 0.00	259.73 7.27 0.00	634.32 -0.30 0.00	132.95 -0.20 -0.72	416.51 -0.25 -23.74	204.32 -1.12 -7.24	172.17 1.70 0.00	209.50 3.08 0.00	93.33 2.08 0.00	92.68 1.87 0.00	58.68 1.07 0.00
MCINTYRE_115KV_TB2 80467	49.77 1.84 0.00	45.15 1.41 0.00	40.40 1.33 0.00	38.95 1.16 0.00	39.94 1.27 0.00	43.49 1.46 0.00	52.40 2.40 0.00	55.09 2.41 0.00	56.53 2.45 0.00	54.33 2.30 0.00	60.78 2.40 0.00	61.67 1.83 0.00	94.27 2.65 0.00	178.40 3.09 0.00	252.10 -0.36 0.00	629.33 -5.29 0.00	129.13 -3.30 0.00	380.77 -12.26 0.00	190.51 -7.70 0.00	166.96 -3.51 0.00	207.85 1.42 0.00	93.16 1.91 0.00	93.59 2.78 0.00	59.56 1.95 0.00
MECO_____69_KV_BK1 80468	51.85 3.91 0.00	47.09 3.36 0.00	41.92 2.84 0.00	40.54 2.74 0.00	41.50 2.82 0.00	45.18 3.16 0.00	53.82 3.81 0.00	56.56 3.87 0.00	57.72 3.65 0.00	54.88 2.84 0.00	61.37 2.99 0.00	62.45 2.62 0.00	95.70 4.08 0.00	176.31 6.18 5.18	263.38 10.91 0.00	682.25 47.63 0.00	141.50 11.02 1.95	426.89 32.47 -1.39	219.24 16.68 -4.36	185.22 14.75 0.00	225.01 18.58 0.00	99.34 8.09 0.00	98.44 7.62 0.00	62.22 4.62 0.00
MENANDS___115KV_TB5 355628	48.60 0.66 0.00	44.71 0.98 0.00	39.93 0.86 0.00	38.76 0.97 0.00	39.62 0.94 0.00	42.96 0.93 0.00	50.75 0.75 0.00	53.35 0.66 0.00	54.60 0.53 0.00	52.75 0.71 0.00	58.89 0.51 0.00	60.51 0.67 0.00	92.58 0.95 0.00	169.54 2.19 7.96	258.05 5.77 0.19	656.99 22.51 0.14	148.31 5.34 -10.53	425.24 16.02 -16.19	210.59 9.12 -3.27	176.91 6.44 0.00	212.92 6.50 0.00	93.48 2.23 0.00	92.43 1.61 0.00	58.44 0.84 0.00
MG INDUSTRY___DRP 24185	47.94 0.01 0.00	44.61 0.87 0.00	39.89 0.82 0.00	38.70 0.91 0.00	39.57 0.89 0.00	42.95 0.92 0.00	50.71 0.71 0.00	53.31 0.62 0.00	54.49 0.41 0.00	52.36 0.32 0.00	57.87 -0.51 0.00	59.18 -0.66 0.00	90.26 -1.36 0.00	169.31 -1.96 4.04	251.93 -0.54 0.00	639.74 5.12 0.00	137.89 1.52 -3.94	407.70 5.72 -8.96	204.51 3.88 -2.43	172.91 2.45 0.00	208.25 1.83 0.00	91.57 0.32 0.00	90.69 -0.13 0.00	57.79 0.19 0.00

MID___OSWEGATCHIE_HYD 23849	50.47 1.56 -0.98	45.18 1.33 -0.11	39.99 0.92 0.00	38.51 0.71 0.00	39.62 0.95 0.00	43.04 0.93 -0.09	51.77 1.49 -0.27	54.09 1.41 0.00	55.28 1.20 0.00	53.35 1.27 -0.04	61.19 1.49 -1.32	62.32 1.11 -1.37	95.25 1.26 -2.37	177.91 0.60 -2.00	252.11 -1.59 -1.24	627.03 -9.74 -2.16	129.56 -2.87 0.00	384.86 -8.17 0.00	193.70 -4.50 0.00	168.33 -2.14 0.00	207.28 0.72 -0.13	92.73 0.91 -0.57	92.31 1.34 -0.15	58.47 0.67 -0.19
MID___RAQUETTE_HYD 23851	48.92 0.98 0.00	44.43 0.70 0.00	39.69 0.62 0.00	38.25 0.45 0.00	39.23 0.55 0.00	42.66 0.64 0.00	51.32 1.32 0.00	54.04 1.36 0.00	55.48 1.40 0.00	53.27 1.23 0.00	59.80 1.42 0.00	60.75 0.91 0.00	92.80 1.17 0.00	176.01 0.71 0.00	249.97 -2.50 0.00	623.81 -10.81 0.00	128.44 -4.00 0.00	377.63 -15.40 0.00	188.75 -9.45 0.00	164.18 -6.29 0.00	203.16 -3.27 0.00	91.10 -0.15 0.00	91.68 0.86 0.00	58.34 0.73 0.00
MILLIKEN___1 23584	49.76 1.10 -0.73	44.74 0.91 -0.08	39.65 0.57 0.00	38.40 0.61 0.00	39.37 0.70 0.00	42.99 0.90 -0.07	51.22 1.01 -0.21	53.61 0.92 0.00	55.02 0.94 0.00	53.20 1.09 -0.07	60.65 1.28 -0.99	62.20 1.33 -1.03	95.64 2.23 -1.78	180.94 4.13 -1.50	261.97 8.57 -0.93	654.84 18.60 -1.62	132.70 3.81 3.55	404.55 14.51 2.99	206.29 7.25 -0.83	177.74 7.27 0.00	214.60 8.08 -0.10	94.96 3.28 -0.43	93.87 2.94 -0.11	59.26 1.51 -0.14
MILLIKEN___2 23585	49.76 1.10 -0.73	44.74 0.91 -0.08	39.65 0.57 0.00	38.40 0.61 0.00	39.37 0.70 0.00	42.99 0.90 -0.07	51.22 1.01 -0.21	53.61 0.92 0.00	55.02 0.94 0.00	53.20 1.09 -0.07	60.65 1.28 -0.99	62.20 1.33 -1.03	95.64 2.23 -1.78	180.94 4.13 -1.50	261.97 8.57 -0.93	654.84 18.60 -1.62	132.70 3.81 3.55	404.55 14.51 2.99	206.29 7.25 -0.83	177.74 7.27 0.00	214.60 8.08 -0.10	94.96 3.28 -0.43	93.87 2.94 -0.11	59.26 1.51 -0.14
MILLIKEN___DIESEL 23629	49.76 1.10 -0.73	44.74 0.91 -0.08	39.65 0.57 0.00	38.40 0.61 0.00	39.37 0.70 0.00	42.99 0.90 -0.07	51.22 1.01 -0.21	53.61 0.92 0.00	55.02 0.94 0.00	53.20 1.09 -0.07	60.65 1.28 -0.99	62.20 1.33 -1.03	95.64 2.23 -1.78	180.94 4.13 -1.50	261.97 8.57 -0.93	654.84 18.60 -1.62	132.70 3.81 3.55	404.55 14.51 2.99	206.29 7.25 -0.83	177.74 7.27 0.00	214.60 8.08 -0.10	94.96 3.28 -0.43	93.87 2.94 -0.11	59.26 1.51 -0.14
MILLSEAT___LFGE 323607	49.10 1.16 0.00	43.98 0.24 0.00	38.34 -0.73 0.00	37.11 -0.69 0.00	38.15 -0.53 0.00	41.86 -0.17 0.00	49.70 -0.30 0.00	51.81 -0.87 0.00	53.31 -0.77 0.00	51.37 -0.57 0.10	59.16 0.79 0.00	61.14 1.30 0.00	94.38 2.75 0.00	179.36 4.05 0.00	257.90 5.44 0.00	629.88 -4.74 0.00	133.12 -0.53 -1.22	390.71 1.04 3.35	196.90 -0.50 0.80	171.97 1.51 0.00	207.29 0.86 0.00	91.38 0.13 0.00	91.59 0.77 0.00	58.89 1.28 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	50.58 2.64 0.00	46.59 2.85 0.00	41.40 2.33 0.00	40.22 2.30 -0.12	40.95 2.27 0.00	44.44 2.39 -0.03	52.44 2.44 0.00	55.10 2.41 0.00	56.34 2.26 0.00	54.59 2.55 0.00	61.33 2.95 0.00	63.37 3.53 0.00	97.46 5.84 0.00	198.71 12.61 -10.79	279.31 21.75 -5.09	863.01 58.92 -169.48	2841.06 11.53 -2697.10	2477.76 35.91 -2048.82	329.63 18.34 -113.08	338.42 14.08 -153.88	222.29 15.86 0.00	97.54 6.29 0.00	95.52 4.71 0.00	60.54 2.94 0.00
MILLWOOD_13_KV_LOAD 356217	50.68 2.75 0.00	46.67 2.94 0.00	41.48 2.41 0.00	40.29 2.37 -0.12	41.03 2.35 0.00	44.52 2.47 -0.03	52.54 2.54 0.00	55.22 2.54 0.00	56.46 2.38 0.00	54.71 2.67 0.00	61.47 3.09 0.00	63.53 3.69 0.00	97.71 6.09 0.00	199.24 13.14 -10.79	280.10 22.55 -5.09	865.05 60.95 -169.48	2841.50 11.97 -2697.10	2478.94 37.09 -2048.82	330.31 19.02 -113.08	338.93 14.59 -153.88	222.77 16.34 0.00	97.77 6.52 0.00	95.74 4.92 0.00	60.67 3.06 0.00
MODEL_CITY_ENERGY 24167	47.45 -0.48 0.00	42.47 -1.27 0.00	36.94 -2.13 0.00	35.75 -2.05 0.00	36.75 -1.93 0.00	40.32 -1.70 0.00	47.76 -2.24 0.00	49.50 -3.19 0.00	50.86 -3.22 0.00	48.93 -2.98 0.12	56.48 -1.89 0.00	58.52 -1.32 0.00	90.32 -1.30 0.00	171.69 -3.62 0.00	246.86 -5.60 0.00	601.92 -32.70 0.00	127.50 -6.07 -1.13	372.72 -15.73 4.58	187.76 -9.35 1.09	163.50 -6.96 0.00	197.32 -9.11 0.00	87.05 -4.20 0.00	87.63 -3.19 0.00	56.77 -0.84 0.00
MODERN_LFGE___ 323580	47.45 -0.48 0.00	42.47 -1.27 0.00	36.94 -2.13 0.00	35.75 -2.05 0.00	36.75 -1.93 0.00	40.32 -1.70 0.00	47.76 -2.24 0.00	49.50 -3.19 0.00	50.86 -3.22 0.00	48.93 -2.98 0.12	56.48 -1.89 0.00	58.52 -1.32 0.00	90.32 -1.30 0.00	171.69 -3.62 0.00	246.86 -5.60 0.00	601.92 -32.70 0.00	127.50 -6.07 -1.13	372.72 -15.73 4.58	187.76 -9.35 1.09	163.50 -6.96 0.00	197.32 -9.11 0.00	87.05 -4.20 0.00	87.63 -3.19 0.00	56.77 -0.84 0.00
MOHAWK_PAPER___DRP 24187	49.08 1.15 0.00	45.12 1.38 0.00	40.28 1.20 0.00	39.07 1.28 0.00	39.93 1.25 0.00	43.30 1.28 0.00	51.20 1.19 0.00	53.82 1.13 0.00	55.09 1.01 0.00	53.20 1.17 0.00	59.43 1.05 0.00	61.08 1.24 0.00	93.42 1.79 0.00	171.11 3.80 8.00	260.38 8.10 0.19	663.32 28.84 0.14	149.56 6.63 -10.49	428.92 19.76 -16.13	212.62 11.05 -3.36	178.56 8.09 0.00	214.95 8.52 0.00	94.38 3.13 0.00	93.29 2.47 0.00	58.96 1.36 0.00
MOHICAN___35_KV_115KV_LD 80490	50.44 2.51 0.00	46.47 2.74 0.00	41.39 2.32 0.00	40.14 2.34 0.00	41.09 2.41 0.00	44.67 2.65 0.00	52.92 2.92 0.00	55.58 2.89 0.00	56.94 2.86 0.00	54.80 2.76 0.00	61.06 2.68 0.00	62.48 2.64 0.00	95.31 3.68 0.00	173.86 6.80 8.25	265.36 13.06 0.17	678.75 44.26 0.13	151.81 9.73 -9.65	439.81 32.19 -14.59	221.35 18.68 -4.46	184.83 14.36 0.00	222.75 16.33 0.00	97.73 6.48 0.00	96.36 5.54 0.00	60.80 3.20 0.00
MONGAUP___HYD 23641	50.84 2.91 0.00	46.66 2.93 0.00	41.48 2.40 0.00	40.17 2.38 0.01	41.05 2.37 0.00	44.57 2.55 0.00	52.67 2.66 0.00	55.27 2.59 0.00	56.45 2.37 0.00	54.36 2.33 0.00	60.69 2.31 0.00	62.81 2.97 0.00	96.65 5.03 0.00	195.20 10.34 -9.55	272.80 17.91 -2.42	665.78 43.65 12.48	-191.47 10.07 333.97	115.74 40.29 317.58	200.89 20.93 18.24	153.03 15.16 32.60	223.26 16.83 0.00	97.94 6.69 0.00	96.58 5.77 0.00	61.06 3.45 0.00
MONTAUK___DIESEL 23721	53.17 5.23 0.00	48.55 4.81 0.00	42.11 3.04 0.00	40.37 2.45 -0.12	40.89 2.22 0.00	44.58 2.53 -0.03	52.22 2.21 0.00	55.80 3.12 0.00	52.29 2.63 4.42	30.87 2.71 23.88	48.31 2.74 12.80	52.52 3.24 10.55	91.78 5.61 5.45	180.32 10.29 5.28	257.70 20.55 15.32	592.66 45.23 87.19	686.53 6.84 -547.26	1468.88 23.09 -1052.77	257.74 16.53 -43.01	182.40 12.74 0.81	133.16 13.05 86.32	31.00 5.38 65.62	94.77 3.05 -0.91	30.18 3.31 30.73
MOONROAD_115KV_HARTFLD_TB1-2 355988	47.77 -0.16 0.00	42.74 -0.99 0.00	37.85 -1.22 0.00	36.94 -0.85 0.00	37.90 -0.77 0.00	41.53 -0.50 0.00	49.57 -0.43 0.00	52.47 -0.22 0.00	53.77 -0.31 0.00	51.56 -0.34 0.14	59.43 1.05 0.00	61.56 1.73 0.00	95.84 4.22 0.00	183.01 7.70 0.00	266.01 13.54 0.00	645.61 10.99 0.00	135.53 1.75 -1.35	394.83 6.79 4.99	196.72 -0.30 1.18	173.36 2.89 0.00	209.85 3.42 0.00	92.25 1.00 0.00	92.27 1.46 0.00	58.96 1.35 0.00

MORRIS_RIDGE___SOLAR 323848	47.28 -0.66 0.00	42.76 -0.98 0.00	37.48 -1.60 0.00	36.23 -1.56 0.00	37.26 -1.42 0.00	41.15 -0.87 0.00	48.85 -1.16 0.00	50.84 -1.84 0.00	52.00 -2.08 0.00	49.17 -2.11 0.75	56.89 -1.49 0.00	58.66 -1.18 0.00	90.54 -1.09 0.00	174.71 -0.60 0.00	253.78 1.31 0.00	619.90 -14.72 0.00	126.53 -3.15 2.76	352.59 -8.03 32.41	184.86 -5.64 7.71	168.72 -1.75 0.00	205.09 -1.33 0.00	90.91 -0.35 0.00	90.53 -0.29 0.00	57.67 0.07 0.00
MORTIMER_115KV_TB3 55949	48.69 0.75 0.00	43.90 0.17 0.00	38.58 -0.50 0.00	37.34 -0.45 0.00	38.32 -0.36 0.00	41.89 -0.13 0.00	49.78 -0.22 0.00	52.20 -0.49 0.00	53.71 -0.36 0.00	51.91 -0.13 0.00	59.13 0.75 0.00	60.97 1.14 0.00	93.92 2.29 0.00	179.03 3.72 0.00	257.87 5.40 0.00	636.45 1.83 0.00	134.62 0.55 -1.64	396.68 3.65 0.00	199.71 1.35 -0.15	172.76 2.29 0.00	208.25 1.83 0.00	91.66 0.41 0.00	91.28 0.47 0.00	58.27 0.66 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	51.03 3.10 0.00	47.03 3.29 0.00	41.79 2.71 0.00	40.57 2.65 -0.12	41.30 2.62 0.00	44.83 2.78 -0.03	52.89 2.89 0.00	55.63 2.94 0.00	56.87 2.79 0.00	55.14 3.11 0.00	61.98 3.61 0.00	64.08 4.25 0.00	98.59 6.96 0.00	201.04 14.89 -10.85	283.63 25.15 -6.01	879.63 66.72 -178.29	2628.29 12.72 -2483.14	2233.38 39.12 -1801.23	261.51 19.81 -43.49	213.67 15.31 -27.89	223.94 17.51 0.00	98.24 6.99 0.00	96.05 5.24 0.00	60.96 3.36 0.00
MUNSVILLE_WIND_PWR 323609	50.70 2.77 0.00	46.09 2.35 0.00	40.73 1.65 0.00	39.50 1.71 0.00	40.63 1.96 0.00	44.45 2.42 0.00	53.03 3.02 0.00	55.86 3.18 0.00	57.53 3.46 0.00	55.90 3.84 -0.03	62.91 4.54 0.00	64.60 4.76 0.00	99.16 7.53 0.00	189.50 14.20 0.00	275.36 22.68 -0.21	692.07 57.29 -0.16	134.82 13.55 11.17	424.83 43.59 11.79	220.33 21.13 -0.99	191.02 20.55 0.00	230.87 24.44 0.00	101.52 10.27 0.00	100.01 9.20 0.00	62.63 5.03 0.00
N SALMON___HYD 24042	48.56 0.63 0.00	44.12 0.38 0.00	39.22 0.15 0.00	37.84 0.04 0.00	38.75 0.08 0.00	42.23 0.20 0.00	50.90 0.89 0.00	53.89 1.20 0.00	55.48 1.40 0.00	53.13 1.10 0.00	59.56 1.19 0.00	60.61 0.77 0.00	92.37 0.74 0.00	174.63 -0.67 0.00	249.34 -3.13 0.00	622.25 -12.37 0.00	128.43 -4.01 0.00	379.41 -13.62 0.00	191.25 -6.95 0.00	165.82 -4.65 0.00	203.27 -3.16 0.00	91.11 -0.14 0.00	91.51 0.70 0.00	58.21 0.60 0.00
N.AKRON__115KV_KNAPP 355671	48.94 1.01 0.00	43.83 0.10 0.00	38.21 -0.87 0.00	36.98 -0.81 0.00	38.01 -0.66 0.00	41.71 -0.31 0.00	49.50 -0.50 0.00	51.58 -1.11 0.00	53.09 -0.99 0.00	51.15 -0.79 0.10	58.84 0.46 0.00	60.81 0.98 0.00	93.93 2.30 0.00	178.55 3.24 0.00	256.64 4.18 0.00	627.38 -7.24 0.00	132.60 -1.02 -1.19	388.90 -0.44 3.68	195.96 -1.36 0.88	171.05 0.58 0.00	206.34 -0.09 0.00	90.99 -0.26 0.00	91.23 0.41 0.00	58.70 1.10 0.00
N.E_GEN_SANDY PD 24062	50.31 1.33 -1.05	45.45 1.72 0.00	40.48 1.41 0.00	39.26 1.47 0.00	40.12 1.45 0.00	43.22 1.50 0.31	54.17 1.42 -2.75	55.62 1.33 -1.61	55.28 1.20 0.00	53.47 1.44 0.00	59.52 1.33 0.19	61.05 1.48 0.26	93.95 2.33 0.00	113.34 4.58 66.55	257.17 9.70 5.00	607.33 32.21 59.50	213.43 7.05 -73.94	521.68 23.11 -105.54	226.35 13.55 -14.60	186.71 10.20 -6.04	220.23 11.02 -2.78	81.84 4.03 13.44	92.26 2.97 1.52	59.06 1.72 0.26
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	50.55 2.61 0.00	46.52 2.79 0.00	41.34 2.27 0.00	40.13 2.27 -0.06	40.91 2.23 0.00	44.35 2.34 0.01	52.37 2.36 0.00	55.02 2.33 0.00	56.25 2.18 0.00	54.51 2.48 0.00	61.29 2.91 0.00	63.38 3.54 0.00	97.52 5.90 0.00	198.51 12.84 -10.36	278.64 22.18 -3.99	651.66 59.77 42.73	-230.73 11.82 374.99	80.68 36.43 348.78	186.29 18.54 30.44	138.66 14.10 45.90	222.29 15.86 0.00	97.56 6.30 0.00	95.58 4.76 0.00	60.56 2.95 0.00
N.QUEENS_27_KV_LOAD 356247	51.34 3.41 0.00	47.27 3.54 0.00	42.01 2.94 0.00	40.79 2.88 -0.12	41.48 2.81 0.00	45.05 3.00 -0.03	53.11 3.11 0.00	55.91 3.22 0.00	57.16 3.08 0.00	55.40 3.36 0.00	62.16 3.79 0.00	64.35 4.51 0.00	99.13 7.47 -0.03	203.56 15.81 -12.44	287.67 26.53 -8.67	890.73 69.70 -186.41	2666.78 13.19 -2521.15	2261.01 40.51 -1827.47	262.15 20.43 -43.51	215.28 16.04 -28.77	228.00 18.69 -2.88	98.79 7.41 -0.12	96.45 5.63 0.00	61.34 3.73 0.00
N.TROY___115KV_TB1 355778	49.29 1.36 0.00	45.40 1.66 0.00	40.48 1.41 0.00	39.26 1.46 0.00	40.14 1.46 0.00	43.57 1.55 0.00	51.50 1.49 0.00	54.10 1.41 0.00	55.43 1.35 0.00	53.51 1.47 0.00	59.71 1.33 0.00	61.25 1.42 0.00	93.62 1.99 0.00	168.01 3.66 10.95	260.27 7.99 0.19	662.99 28.51 0.14	149.75 6.40 -10.92	430.99 20.76 -17.20	214.42 12.27 -3.95	179.60 9.13 0.00	216.37 9.94 0.00	94.96 3.71 0.00	93.89 3.07 0.00	59.30 1.70 0.00
NARROWS_GT1_1 24228	51.19 3.25 0.00	47.30 3.56 0.00	42.06 2.98 0.00	40.81 2.89 -0.12	41.53 2.85 0.00	45.06 3.01 -0.03	52.95 2.95 0.00	55.83 3.14 0.00	57.11 3.03 0.00	55.36 3.33 0.00	62.11 3.73 0.00	64.16 4.33 0.00	98.71 7.08 0.00	201.14 14.99 -10.85	284.14 25.67 -6.00	710.93 67.78 -8.53	2013.60 11.49 -1869.68	1962.93 35.38 -1534.52	259.94 18.23 -43.51	212.88 14.49 -27.92	223.59 17.16 0.00	98.19 6.94 0.00	95.95 5.14 0.00	61.01 3.40 0.00
NARROWS_GT1_2 24229	51.19 3.25 0.00	47.30 3.56 0.00	42.06 2.98 0.00	40.81 2.89 -0.12	41.53 2.85 0.00	45.06 3.01 -0.03	52.95 2.95 0.00	55.83 3.14 0.00	57.11 3.03 0.00	55.36 3.33 0.00	62.11 3.73 0.00	64.16 4.33 0.00	98.71 7.08 0.00	201.14 14.99 -10.85	284.14 25.67 -6.00	710.93 67.78 -8.53	2013.60 11.49 -1869.68	1962.93 35.38 -1534.52	259.94 18.23 -43.51	212.88 14.49 -27.92	223.59 17.16 0.00	98.19 6.94 0.00	95.95 5.14 0.00	61.01 3.40 0.00
NARROWS_GT1_3 24230	51.19 3.25 0.00	47.30 3.56 0.00	42.06 2.98 0.00	40.81 2.89 -0.12	41.53 2.85 0.00	45.06 3.01 -0.03	52.95 2.95 0.00	55.83 3.14 0.00	57.11 3.03 0.00	55.36 3.33 0.00	62.11 3.73 0.00	64.16 4.33 0.00	98.71 7.08 0.00	201.14 14.99 -10.85	284.14 25.67 -6.00	710.93 67.78 -8.53	2013.60 11.49 -1869.68	1962.93 35.38 -1534.52	259.94 18.23 -43.51	212.88 14.49 -27.92	223.59 17.16 0.00	98.19 6.94 0.00	95.95 5.14 0.00	61.01 3.40 0.00
NARROWS_GT1_4 24231	51.19 3.25 0.00	47.30 3.56 0.00	42.06 2.98 0.00	40.81 2.89 -0.12	41.53 2.85 0.00	45.06 3.01 -0.03	52.95 2.95 0.00	55.83 3.14 0.00	57.11 3.03 0.00	55.36 3.33 0.00	62.11 3.73 0.00	64.16 4.33 0.00	98.71 7.08 0.00	201.14 14.99 -10.85	284.14 25.67 -6.00	710.93 67.78 -8.53	2013.60 11.49 -1869.68	1962.93 35.38 -1534.52	259.94 18.23 -43.51	212.88 14.49 -27.92	223.59 17.16 0.00	98.19 6.94 0.00	95.95 5.14 0.00	61.01 3.40 0.00
NARROWS_GT1_5 24232	51.19 3.25 0.00	47.30 3.56 0.00	42.06 2.98 0.00	40.81 2.89 -0.12	41.53 2.85 0.00	45.06 3.01 -0.03	52.95 2.95 0.00	55.83 3.14 0.00	57.11 3.03 0.00	55.36 3.33 0.00	62.11 3.73 0.00	64.16 4.33 0.00	98.71 7.08 0.00	201.14 14.99 -10.85	284.14 25.67 -6.00	710.93 67.78 -8.53	2013.60 11.49 -1869.68	1962.93 35.38 -1534.52	259.94 18.23 -43.51	212.88 14.49 -27.92	223.59 17.16 0.00	98.19 6.94 0.00	95.95 5.14 0.00	61.01 3.40 0.00

NARROWS_GT1_6 24233	51.19 3.25 0.00	47.30 3.56 0.00	42.06 2.98 0.00	40.81 2.89 -0.12	41.53 2.85 0.00	45.06 3.01 -0.03	52.95 2.95 0.00	55.83 3.14 0.00	57.11 3.03 0.00	55.36 3.33 0.00	62.11 3.73 0.00	64.16 4.33 0.00	98.71 7.08 0.00	201.14 14.99 -10.85	284.14 25.67 -6.00	710.93 67.78 -8.53	2013.60 11.49 -1869.68	1962.93 35.38 -1534.52	259.94 18.23 -43.51	212.88 14.49 -27.92	223.59 17.16 0.00	98.19 6.94 0.00	95.95 5.14 0.00	61.01 3.40 0.00
NARROWS_GT1_7 24234	51.19 3.25 0.00	47.30 3.56 0.00	42.06 2.98 0.00	40.81 2.89 -0.12	41.53 2.85 0.00	45.06 3.01 -0.03	52.95 2.95 0.00	55.83 3.14 0.00	57.11 3.03 0.00	55.36 3.33 0.00	62.11 3.73 0.00	64.16 4.33 0.00	98.71 7.08 0.00	201.14 14.99 -10.85	284.14 25.67 -6.00	710.93 67.78 -8.53	2013.60 11.49 -1869.68	1962.93 35.38 -1534.52	259.94 18.23 -43.51	212.88 14.49 -27.92	223.59 17.16 0.00	98.19 6.94 0.00	95.95 5.14 0.00	61.01 3.40 0.00
NARROWS_GT1_8 24235	51.19 3.25 0.00	47.30 3.56 0.00	42.06 2.98 0.00	40.81 2.89 -0.12	41.53 2.85 0.00	45.06 3.01 -0.03	52.95 2.95 0.00	55.83 3.14 0.00	57.11 3.03 0.00	55.36 3.33 0.00	62.11 3.73 0.00	64.16 4.33 0.00	98.71 7.08 0.00	201.14 14.99 -10.85	284.14 25.67 -6.00	710.93 67.78 -8.53	2013.60 11.49 -1869.68	1962.93 35.38 -1534.52	259.94 18.23 -43.51	212.88 14.49 -27.92	223.59 17.16 0.00	98.19 6.94 0.00	95.95 5.14 0.00	61.01 3.40 0.00
NARROWS_GT2_1 24236	51.19 3.25 0.00	47.30 3.56 0.00	42.06 2.98 0.00	40.81 2.89 -0.12	41.53 2.85 0.00	45.06 3.01 -0.03	52.95 2.95 0.00	55.83 3.14 0.00	57.11 3.03 0.00	55.36 3.33 0.00	62.11 3.73 0.00	64.16 4.33 0.00	98.71 7.08 0.00	201.14 14.99 -10.85	284.14 25.67 -6.00	722.51 67.78 -20.11	2049.89 11.49 -1905.98	1962.93 35.38 -1534.52	259.94 18.23 -43.51	212.88 14.49 -27.92	223.59 17.16 0.00	98.19 6.94 0.00	95.95 5.14 0.00	61.01 3.40 0.00
NARROWS_GT2_2 24237	51.19 3.25 0.00	47.30 3.56 0.00	42.06 2.98 0.00	40.81 2.89 -0.12	41.53 2.85 0.00	45.06 3.01 -0.03	52.95 2.95 0.00	55.83 3.14 0.00	57.11 3.03 0.00	55.36 3.33 0.00	62.11 3.73 0.00	64.16 4.33 0.00	98.71 7.08 0.00	201.14 14.99 -10.85	284.14 25.67 -6.00	722.51 67.78 -20.11	2049.89 11.49 -1905.98	1962.93 35.38 -1534.52	259.94 18.23 -43.51	212.88 14.49 -27.92	223.59 17.16 0.00	98.19 6.94 0.00	95.95 5.14 0.00	61.01 3.40 0.00
NARROWS_GT2_3 24238	51.19 3.25 0.00	47.30 3.56 0.00	42.06 2.98 0.00	40.81 2.89 -0.12	41.53 2.85 0.00	45.06 3.01 -0.03	52.95 2.95 0.00	55.83 3.14 0.00	57.11 3.03 0.00	55.36 3.33 0.00	62.11 3.73 0.00	64.16 4.33 0.00	98.71 7.08 0.00	201.14 14.99 -10.85	284.14 25.67 -6.00	722.51 67.78 -20.11	2049.89 11.49 -1905.98	1962.93 35.38 -1534.52	259.94 18.23 -43.51	212.88 14.49 -27.92	223.59 17.16 0.00	98.19 6.94 0.00	95.95 5.14 0.00	61.01 3.40 0.00
NARROWS_GT2_4 24239	51.19 3.25 0.00	47.30 3.56 0.00	42.06 2.98 0.00	40.81 2.89 -0.12	41.53 2.85 0.00	45.06 3.01 -0.03	52.95 2.95 0.00	55.83 3.14 0.00	57.11 3.03 0.00	55.36 3.33 0.00	62.11 3.73 0.00	64.16 4.33 0.00	98.71 7.08 0.00	201.14 14.99 -10.85	284.14 25.67 -6.00	722.51 67.78 -20.11	2049.89 11.49 -1905.98	1962.93 35.38 -1534.52	259.94 18.23 -43.51	212.88 14.49 -27.92	223.59 17.16 0.00	98.19 6.94 0.00	95.95 5.14 0.00	61.01 3.40 0.00
NARROWS_GT2_5 24240	51.19 3.25 0.00	47.30 3.56 0.00	42.06 2.98 0.00	40.81 2.89 -0.12	41.53 2.85 0.00	45.06 3.01 -0.03	52.95 2.95 0.00	55.83 3.14 0.00	57.11 3.03 0.00	55.36 3.33 0.00	62.11 3.73 0.00	64.16 4.33 0.00	98.71 7.08 0.00	201.14 14.99 -10.85	284.14 25.67 -6.00	722.51 67.78 -20.11	2049.89 11.49 -1905.98	1962.93 35.38 -1534.52	259.94 18.23 -43.51	212.88 14.49 -27.92	223.59 17.16 0.00	98.19 6.94 0.00	95.95 5.14 0.00	61.01 3.40 0.00
NARROWS_GT2_6 24241	51.19 3.25 0.00	47.30 3.56 0.00	42.06 2.98 0.00	40.81 2.89 -0.12	41.53 2.85 0.00	45.06 3.01 -0.03	52.95 2.95 0.00	55.83 3.14 0.00	57.11 3.03 0.00	55.36 3.33 0.00	62.11 3.73 0.00	64.16 4.33 0.00	98.71 7.08 0.00	201.14 14.99 -10.85	284.14 25.67 -6.00	722.51 67.78 -20.11	2049.89 11.49 -1905.98	1962.93 35.38 -1534.52	259.94 18.23 -43.51	212.88 14.49 -27.92	223.59 17.16 0.00	98.19 6.94 0.00	95.95 5.14 0.00	61.01 3.40 0.00
NARROWS_GT2_7 24242	51.19 3.25 0.00	47.30 3.56 0.00	42.06 2.98 0.00	40.81 2.89 -0.12	41.53 2.85 0.00	45.06 3.01 -0.03	52.95 2.95 0.00	55.83 3.14 0.00	57.11 3.03 0.00	55.36 3.33 0.00	62.11 3.73 0.00	64.16 4.33 0.00	98.71 7.08 0.00	201.14 14.99 -10.85	284.14 25.67 -6.00	722.51 67.78 -20.11	2049.89 11.49 -1905.98	1962.93 35.38 -1534.52	259.94 18.23 -43.51	212.88 14.49 -27.92	223.59 17.16 0.00	98.19 6.94 0.00	95.95 5.14 0.00	61.01 3.40 0.00
NARROWS_GT2_8 24243	51.19 3.25 0.00	47.30 3.56 0.00	42.06 2.98 0.00	40.81 2.89 -0.12	41.53 2.85 0.00	45.06 3.01 -0.03	52.95 2.95 0.00	55.83 3.14 0.00	57.11 3.03 0.00	55.36 3.33 0.00	62.11 3.73 0.00	64.16 4.33 0.00	98.71 7.08 0.00	201.14 14.99 -10.85	284.14 25.67 -6.00	722.51 67.78 -20.11	2049.89 11.49 -1905.98	1962.93 35.38 -1534.52	259.94 18.23 -43.51	212.88 14.49 -27.92	223.59 17.16 0.00	98.19 6.94 0.00	95.95 5.14 0.00	61.01 3.40 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	49.22 1.28 0.00	45.28 1.54 0.00	40.44 1.36 0.00	39.23 1.43 0.00	40.12 1.44 0.00	43.56 1.54 0.00	51.50 1.50 0.00	54.23 1.55 0.00	55.51 1.43 0.00	53.36 1.33 0.00	59.20 0.82 0.00	60.57 0.74 0.00	92.89 1.26 0.00	175.92 2.94 2.33	260.25 7.78 0.00	666.75 32.13 0.00	137.85 6.89 1.48	421.81 21.50 -7.28	212.82 12.01 -2.61	180.06 9.59 0.00	216.59 10.16 0.00	95.11 3.86 0.00	93.99 3.18 0.00	59.37 1.77 0.00
NCHELSEA_115KV_TR2 355582	50.90 2.96 0.00	46.78 3.05 0.00	41.60 2.52 0.00	40.28 2.48 0.00	41.14 2.47 0.00	44.67 2.64 0.00	52.78 2.78 0.00	55.51 2.82 0.00	56.80 2.72 0.00	54.99 2.95 0.00	61.77 3.40 0.00	63.80 3.96 0.00	98.19 6.57 0.00	199.53 13.98 -10.24	275.97 23.50 0.00	699.84 65.23 0.00	142.26 13.59 3.76	457.15 42.21 -21.91	222.09 21.11 -2.78	186.79 16.32 0.00	224.57 18.15 0.00	98.49 7.24 0.00	96.57 5.76 0.00	61.08 3.48 0.00
NEG CAPITAL____MECHNVIL 23645	50.28 2.35 0.00	46.23 2.50 0.00	41.19 2.12 0.00	39.93 2.14 0.00	40.84 2.16 0.00	44.39 2.37 0.00	52.57 2.56 0.00	55.21 2.53 0.00	56.60 2.52 0.00	54.55 2.51 0.00	61.02 2.64 0.00	62.57 2.74 0.00	95.57 3.95 0.00	173.51 7.52 9.31	265.95 13.66 0.18	678.55 44.07 0.13	151.92 9.38 -10.11	438.68 30.13 -15.53	219.29 16.77 -4.32	183.51 13.04 0.00	221.10 14.67 0.00	97.06 5.81 0.00	95.85 5.04 0.00	60.51 2.90 0.00
NEG CENTRAL_HIGH_ACRES 23767	48.55 -0.09 -0.71	43.29 -0.53 -0.08	38.06 -1.01 0.00	36.85 -0.95 0.00	37.77 -0.91 0.00	41.34 -0.75 -0.06	49.30 -0.90 -0.20	51.55 -1.13 0.00	53.12 -0.96 0.00	51.28 -0.78 -0.03	59.18 -0.15 -0.96	61.00 0.16 -1.00	94.14 0.79 -1.72	177.75 0.99 -1.45	254.98 1.62 -0.90	630.42 -5.77 -1.56	132.94 -1.09 -1.60	391.82 -1.21 0.00	197.61 -0.75 -0.15	170.71 0.24 0.00	205.88 -0.64 -0.10	90.91 -0.75 -0.41	90.14 -0.79 -0.11	57.46 -0.29 -0.14

NEG CENTRAL___DRP 24199	50.09 0.53 -1.63	44.24 0.31 -0.19	39.03 -0.05 0.00	37.76 -0.03 0.00	38.73 0.06 0.00	42.49 0.32 -0.15	50.79 0.33 -0.46	52.78 0.09 0.00	54.25 0.18 0.00	52.39 0.24 -0.12	61.23 0.64 -2.21	62.92 0.79 -2.30	97.13 1.53 -3.97	181.74 3.08 -3.35	260.67 6.13 -2.07	644.78 6.55 -3.61	136.07 1.42 -2.22	404.21 7.86 -3.32	202.67 3.67 -0.79	174.81 4.34 0.00	211.15 4.50 -0.22	93.87 1.67 -0.95	92.46 1.39 -0.25	58.67 0.74 -0.33
NEG CENTRAL___INDECK 23768	48.56 0.63 0.00	44.68 0.95 0.00	39.55 0.47 0.00	38.22 0.42 0.00	39.29 0.62 0.00	43.15 1.13 0.00	51.19 1.19 0.00	52.73 0.04 0.00	53.67 -0.41 0.00	52.02 -0.56 -0.54	58.14 -0.23 0.00	60.01 0.17 0.00	92.29 0.67 0.00	178.43 3.12 0.00	257.56 5.10 0.00	621.84 -12.78 0.00	136.41 -2.34 -6.32	406.84 -11.59 -25.40	197.20 -7.06 -6.06	168.53 -1.94 0.00	206.35 -0.08 0.00	93.93 2.68 0.00	92.84 2.02 0.00	58.84 1.24 0.00
NEG CENTRAL___SENECA 23627	49.58 0.68 -0.96	44.25 0.40 -0.11	39.01 -0.06 0.00	37.76 -0.04 0.00	38.77 0.10 0.00	42.56 0.45 -0.09	50.74 0.46 -0.27	52.77 0.08 0.00	54.27 0.20 0.00	52.40 0.24 -0.13	60.52 0.83 -1.31	62.21 1.01 -1.36	95.79 1.81 -2.35	181.17 3.88 -1.99	260.99 7.30 -1.22	642.86 6.10 -2.14	136.61 1.57 -2.61	406.65 8.84 -4.78	203.39 4.05 -1.14	175.54 5.08 0.00	211.81 5.24 -0.13	93.86 2.05 -0.57	92.65 1.69 -0.15	58.81 1.01 -0.19
NEG CENTRAL___STATE_STREET 24147	50.53 0.60 -2.00	44.47 0.51 -0.23	39.31 0.24 0.00	38.07 0.28 0.00	39.00 0.32 0.00	42.67 0.46 -0.18	51.12 0.56 -0.56	53.15 0.46 0.00	54.62 0.55 0.00	52.76 0.62 -0.11	61.77 0.68 -2.71	63.32 0.66 -2.82	98.11 1.61 -4.88	181.94 2.53 -4.11	260.99 5.99 -2.54	650.69 11.64 -4.43	136.13 1.72 -1.98	403.53 8.59 -1.91	202.95 4.29 -0.46	174.81 4.34 0.00	211.39 4.69 -0.27	94.21 1.79 -1.17	92.91 1.79 -0.31	58.73 0.73 -0.40
NEG MILLWOOD___DRP 24198	51.01 3.07 0.00	46.89 3.16 0.00	41.68 2.61 0.00	40.36 2.56 0.00	41.22 2.54 0.00	44.76 2.73 0.00	52.89 2.89 0.00	55.62 2.93 0.00	56.91 2.83 0.00	55.15 3.12 0.00	61.97 3.59 0.00	64.02 4.18 0.00	98.60 6.98 0.00	200.85 14.85 -10.70	277.09 24.93 0.31	702.75 68.36 0.23	177.62 14.17 -31.01	501.31 44.39 -63.89	226.53 22.09 -6.23	193.62 17.08 -6.07	225.22 18.79 0.00	98.84 7.59 0.00	96.80 5.98 0.00	61.20 3.59 0.00
NEG NORTH_FLCN_SEA 23793	47.94 0.00 0.00	43.66 -0.07 0.00	38.78 -0.30 0.00	37.44 -0.36 0.00	38.31 -0.37 0.00	41.70 -0.33 0.00	50.24 0.23 0.00	53.20 0.51 0.00	54.76 0.69 0.00	52.49 0.45 0.00	58.35 -0.03 0.00	59.32 -0.51 0.00	90.30 -1.32 0.00	170.93 -4.38 0.00	244.54 -7.92 0.00	610.81 -23.81 0.00	124.45 -7.98 0.00	368.69 -24.34 0.00	186.76 -11.44 0.00	161.47 -8.99 0.00	197.42 -9.01 0.00	88.49 -2.76 0.00	89.23 -1.58 0.00	57.16 -0.45 0.00
NEG NORTH_KES_CHATEGAY 23792	47.79 -0.15 0.00	43.47 -0.26 0.00	38.63 -0.45 0.00	37.29 -0.51 0.00	38.17 -0.51 0.00	41.59 -0.44 0.00	50.09 0.08 0.00	53.04 0.35 0.00	54.63 0.55 0.00	52.24 0.20 0.00	58.36 -0.02 0.00	59.43 -0.40 0.00	90.54 -1.08 0.00	171.86 -3.44 0.00	245.40 -7.07 0.00	612.70 -21.92 0.00	126.38 -6.05 0.00	373.56 -19.46 0.00	188.78 -9.42 0.00	163.76 -6.71 0.00	200.36 -6.07 0.00	89.71 -1.53 0.00	90.10 -0.72 0.00	57.42 -0.19 0.00
NEG NORTH___ALICE_FALLS 23915	48.26 0.32 0.00	43.92 0.18 0.00	39.01 -0.07 0.00	37.65 -0.15 0.00	38.52 -0.16 0.00	41.95 -0.07 0.00	50.56 0.55 0.00	53.55 0.86 0.00	55.14 1.07 0.00	52.83 0.79 0.00	58.85 0.47 0.00	59.83 -0.01 0.00	91.16 -0.46 0.00	172.42 -2.89 0.00	246.94 -5.53 0.00	617.37 -17.25 0.00	126.28 -6.15 0.00	374.40 -18.62 0.00	189.65 -8.56 0.00	164.25 -6.22 0.00	200.74 -5.69 0.00	89.92 -1.33 0.00	90.45 -0.37 0.00	57.74 0.14 0.00
NEG NORTH___LWR_SARANAC 23913	48.26 0.32 0.00	43.92 0.18 0.00	39.01 -0.07 0.00	37.65 -0.15 0.00	38.52 -0.16 0.00	41.95 -0.07 0.00	50.56 0.55 0.00	53.55 0.86 0.00	55.14 1.07 0.00	52.83 0.79 0.00	58.85 0.47 0.00	59.83 -0.01 0.00	91.16 -0.46 0.00	172.42 -2.89 0.00	246.94 -5.53 0.00	617.37 -17.25 0.00	126.28 -6.15 0.00	374.40 -18.62 0.00	189.65 -8.56 0.00	164.25 -6.22 0.00	200.74 -5.69 0.00	89.92 -1.33 0.00	90.45 -0.37 0.00	57.74 0.14 0.00
NEG NORTH___PLATTSBURG 23628	48.26 0.32 0.00	43.92 0.18 0.00	39.01 -0.07 0.00	37.64 -0.15 0.00	38.52 -0.16 0.00	41.96 -0.07 0.00	50.56 0.56 0.00	53.55 0.86 0.00	55.15 1.07 0.00	52.83 0.79 0.00	58.85 0.47 0.00	59.83 -0.01 0.00	91.16 -0.46 0.00	172.41 -2.90 0.00	246.94 -5.53 0.00	617.46 -17.16 0.00	126.28 -6.15 0.00	374.41 -18.62 0.00	189.65 -8.55 0.00	164.25 -6.22 0.00	200.74 -5.69 0.00	89.92 -1.33 0.00	90.45 -0.37 0.00	57.74 0.14 0.00
NEG WEST_LEA_LOCKPORT 23791	47.61 -0.32 0.00	42.62 -1.12 0.00	37.08 -2.00 0.00	35.89 -1.91 0.00	36.88 -1.79 0.00	40.49 -1.54 0.00	47.97 -2.03 0.00	49.79 -2.90 0.00	51.21 -2.87 0.00	49.27 -2.63 0.13	56.83 -1.55 0.00	58.83 -1.01 0.00	90.90 -0.72 0.00	172.74 -2.57 0.00	248.64 -3.83 0.00	606.54 -28.08 0.00	128.12 -5.37 -1.06	374.26 -13.84 4.93	188.72 -8.32 1.17	164.68 -5.79 0.00	198.75 -7.68 0.00	87.73 -3.52 0.00	88.37 -2.45 0.00	57.17 -0.44 0.00
NEG WEST___LANCASTR 23811	47.47 -0.46 0.00	42.63 -1.11 0.00	37.29 -1.79 0.00	36.13 -1.67 0.00	37.13 -1.55 0.00	40.74 -1.29 0.00	48.36 -1.65 0.00	50.53 -2.16 0.00	51.93 -2.15 0.00	49.97 -1.93 0.14	57.45 -0.93 0.00	59.25 -0.58 0.00	91.53 -0.09 0.00	174.44 -0.87 0.00	252.46 -0.01 0.00	616.65 -17.97 0.00	130.17 -3.60 -1.34	381.98 -5.96 5.08	191.55 -5.45 1.21	167.41 -3.06 0.00	201.66 -4.77 0.00	88.96 -2.28 0.00	88.81 -2.00 0.00	57.03 -0.58 0.00
NEG_PENN_ALLEGHNY 23528	48.40 0.46 0.00	44.06 0.32 0.00	39.13 0.06 0.00	37.94 0.15 0.00	38.90 0.22 0.00	42.44 0.41 0.00	50.32 0.31 0.00	53.08 0.40 0.00	54.47 0.39 0.00	52.37 0.33 0.00	59.13 0.75 0.00	60.74 0.91 0.00	93.31 1.69 0.00	180.61 3.73 -1.57	260.48 7.79 -0.22	649.13 14.34 -0.16	123.58 2.94 11.79	392.19 12.84 13.68	204.11 5.32 -0.58	175.87 5.40 0.00	212.03 5.60 0.00	93.34 2.09 0.00	92.39 1.57 0.00	58.48 0.88 0.00
NEG___GEN_MONROE 24207	49.14 1.21 0.00	44.25 0.52 0.00	38.82 -0.25 0.00	37.58 -0.22 0.00	38.57 -0.10 0.00	42.20 0.18 0.00	50.17 0.17 0.00	52.54 -0.15 0.00	54.09 0.02 0.00	52.23 0.19 0.00	59.60 1.23 0.00	61.46 1.62 0.00	94.71 3.09 0.00	180.44 5.13 0.00	259.99 7.52 0.00	639.96 5.34 0.00	135.25 1.31 -1.51	398.29 6.16 0.90	200.98 2.84 0.06	174.15 3.68 0.00	210.14 3.71 0.00	92.51 1.26 0.00	92.12 1.31 0.00	58.84 1.23 0.00
NEPA___ENERGY 23901	47.63 -0.31 0.00	42.84 -0.90 0.00	37.67 -1.41 0.00	36.61 -1.19 0.00	37.60 -1.07 0.00	41.24 -0.79 0.00	48.89 -1.11 0.00	51.11 -1.58 0.00	52.42 -1.66 0.00	50.44 -1.47 0.13	58.06 -0.32 0.00	59.94 0.10 0.00	92.80 1.17 0.00	177.36 2.05 0.00	258.51 6.04 0.00	628.60 -6.02 0.00	131.80 -2.06 -1.44	391.08 2.62 4.56	194.65 -2.48 1.08	171.03 0.57 0.00	206.13 -0.30 0.00	91.03 -0.22 0.00	90.64 -0.18 0.00	57.91 0.30 0.00

NEVERSINK___HYD 23608	49.95 2.02 0.00	45.81 2.07 0.00	40.73 1.65 0.00	39.43 1.64 0.00	40.29 1.61 0.00	43.73 1.71 0.00	51.66 1.66 0.00	54.33 1.65 0.00	55.63 1.55 0.00	53.82 1.79 0.00	60.35 1.97 0.00	62.34 2.51 0.00	96.00 4.37 0.00	193.36 9.95 -8.10	270.92 17.58 -0.86	679.36 50.19 5.45	3.87 10.23 138.79	316.59 33.12 109.55	209.71 17.09 5.59	170.74 13.02 12.74	220.47 14.04 0.00	96.72 5.47 0.00	94.86 4.04 0.00	59.92 2.32 0.00
NEWKRMKL_115KV_TB1 55635	48.41 0.48 0.00	44.52 0.78 0.00	39.78 0.71 0.00	38.62 0.82 0.00	39.47 0.79 0.00	42.79 0.76 0.00	50.56 0.56 0.00	53.16 0.47 0.00	54.42 0.34 0.00	52.55 0.52 0.00	58.70 0.33 0.00	60.34 0.50 0.00	92.30 0.68 0.00	170.11 1.84 7.03	257.52 5.23 0.18	655.47 20.99 0.14	147.54 4.96 -10.15	423.22 14.89 -15.30	209.51 8.15 -3.16	176.17 5.70 0.00	212.06 5.63 0.00	93.11 1.86 0.00	92.06 1.24 0.00	58.21 0.61 0.00
NEWTON___FALLS_HYD 23847	50.47 1.56 -0.98	45.18 1.33 -0.11	39.99 0.92 0.00	38.51 0.71 0.00	39.62 0.95 0.00	43.04 0.93 -0.09	51.77 1.49 -0.27	54.09 1.41 0.00	55.28 1.20 0.00	53.35 1.27 -0.04	61.19 1.49 -1.32	62.32 1.11 -1.37	95.25 1.26 -2.37	177.91 0.60 -2.00	252.11 -1.59 -1.24	627.03 -9.74 -2.16	129.56 -2.87 0.00	384.86 -8.17 0.00	193.70 -4.50 0.00	168.33 -2.14 0.00	207.28 0.72 -0.13	92.73 0.91 -0.57	92.31 1.34 -0.15	58.47 0.67 -0.19
NGRID_A1_DSASP 323792	47.05 -0.88 0.00	42.22 -1.51 0.00	36.72 -2.35 0.00	35.54 -2.26 0.00	36.52 -2.16 0.00	40.14 -1.88 0.00	47.36 -2.64 0.00	48.98 -3.70 0.00	50.39 -3.69 0.00	48.48 -3.44 0.12	56.06 -2.32 0.00	58.08 -1.76 0.00	89.65 -1.97 0.00	170.47 -4.84 0.00	244.92 -7.55 0.00	596.66 -37.96 0.00	126.15 -7.42 -1.14	367.44 -21.02 4.57	185.45 -11.67 1.09	161.72 -8.75 0.00	195.15 -11.27 0.00	86.04 -5.21 0.00	86.54 -4.28 0.00	56.01 -1.60 0.00
NGRID_A2_DSASP 323793	47.05 -0.88 0.00	42.22 -1.51 0.00	36.72 -2.35 0.00	35.54 -2.26 0.00	36.52 -2.16 0.00	40.14 -1.88 0.00	47.36 -2.64 0.00	48.98 -3.70 0.00	50.39 -3.69 0.00	48.48 -3.44 0.12	56.06 -2.32 0.00	58.08 -1.76 0.00	89.65 -1.97 0.00	170.47 -4.84 0.00	244.92 -7.55 0.00	596.66 -37.96 0.00	126.15 -7.42 -1.14	367.44 -21.02 4.57	185.45 -11.67 1.09	161.72 -8.75 0.00	195.15 -11.27 0.00	86.04 -5.21 0.00	86.54 -4.28 0.00	56.01 -1.60 0.00
NGRID_A4_DSASP 323807	47.05 -0.88 0.00	42.22 -1.51 0.00	36.72 -2.35 0.00	35.54 -2.26 0.00	36.52 -2.16 0.00	40.14 -1.88 0.00	47.36 -2.64 0.00	48.98 -3.70 0.00	50.39 -3.69 0.00	48.48 -3.44 0.12	56.06 -2.32 0.00	58.08 -1.76 0.00	89.65 -1.97 0.00	170.47 -4.84 0.00	244.92 -7.55 0.00	596.66 -37.96 0.00	126.15 -7.42 -1.14	367.44 -21.02 4.57	185.45 -11.67 1.09	161.72 -8.75 0.00	195.15 -11.27 0.00	86.04 -5.21 0.00	86.54 -4.28 0.00	56.01 -1.60 0.00
NIAGARA_115E_LBMP 323715	47.27 -0.66 0.00	42.29 -1.44 0.00	36.79 -2.29 0.00	35.60 -2.20 0.00	36.59 -2.09 0.00	40.14 -1.89 0.00	47.54 -2.46 0.00	49.24 -3.45 0.00	50.58 -3.50 0.00	48.63 -3.28 0.13	56.18 -2.20 0.00	58.19 -1.64 0.00	89.83 -1.79 0.00	170.75 -4.56 0.00	245.55 -6.92 0.00	598.19 -36.43 0.00	126.83 -6.73 -1.13	370.71 -17.66 4.66	186.74 -10.35 1.11	162.54 -7.93 0.00	196.12 -10.31 0.00	86.49 -4.76 0.00	87.10 -3.71 0.00	56.49 -1.12 0.00
NIAGARA_115W_LBMP 323714	46.96 -0.97 0.00	42.14 -1.59 0.00	36.66 -2.42 0.00	35.48 -2.32 0.00	36.45 -2.23 0.00	40.07 -1.95 0.00	47.28 -2.73 0.00	48.87 -3.82 0.00	50.26 -3.82 0.00	48.36 -3.55 0.12	55.89 -2.49 0.00	57.92 -1.92 0.00	89.39 -2.24 0.00	170.02 -5.29 0.00	244.17 -8.30 0.00	594.94 -39.68 0.00	125.81 -7.77 -1.14	366.47 -22.02 4.54	184.99 -12.13 1.08	161.32 -9.15 0.00	194.63 -11.80 0.00	85.83 -5.42 0.00	86.31 -4.50 0.00	55.85 -1.75 0.00
NIAGARA_230_LBMP 323716	47.39 -0.54 0.00	42.46 -1.28 0.00	36.98 -2.10 0.00	35.79 -2.01 0.00	36.76 -1.91 0.00	40.33 -1.69 0.00	47.74 -2.26 0.00	49.58 -3.10 0.00	50.98 -3.10 0.00	49.09 -2.83 0.12	56.64 -1.73 0.00	58.63 -1.20 0.00	90.51 -1.12 0.00	172.06 -3.24 0.00	247.51 -4.96 0.00	604.07 -30.55 0.00	127.65 -5.94 -1.16	372.92 -15.84 4.27	188.05 -9.14 1.01	163.86 -6.61 0.00	197.73 -8.69 0.00	87.12 -4.14 0.00	87.47 -3.34 0.00	56.56 -1.05 0.00
NIAGARA___115KV_198_GIBSON 55903	46.94 -0.99 0.00	42.14 -1.59 0.00	36.66 -2.42 0.00	35.48 -2.32 0.00	36.44 -2.24 0.00	40.07 -1.96 0.00	47.26 -2.74 0.00	48.84 -3.85 0.00	50.27 -3.80 0.00	48.35 -3.56 0.12	55.88 -2.50 0.00	57.88 -1.96 0.00	89.36 -2.26 0.00	169.91 -5.40 0.00	244.26 -8.21 0.00	595.10 -39.52 0.00	125.76 -7.82 -1.14	366.49 -22.00 4.54	185.04 -12.08 1.08	161.31 -9.15 0.00	194.62 -11.81 0.00	85.85 -5.40 0.00	86.27 -4.55 0.00	55.85 -1.75 0.00
NIAGARA____ 23760	47.39 -0.54 0.00	42.46 -1.28 0.00	36.98 -2.10 0.00	35.79 -2.01 0.00	36.76 -1.91 0.00	40.33 -1.69 0.00	47.74 -2.26 0.00	49.58 -3.10 0.00	50.98 -3.10 0.00	49.09 -2.83 0.12	56.64 -1.73 0.00	58.63 -1.20 0.00	90.51 -1.12 0.00	172.06 -3.24 0.00	247.51 -4.96 0.00	604.07 -30.55 0.00	127.66 -5.94 -1.16	372.82 -15.84 4.37	188.02 -9.14 1.04	163.86 -6.61 0.00	197.73 -8.69 0.00	87.12 -4.14 0.00	87.47 -3.34 0.00	56.56 -1.05 0.00
NINE_MILE_1 23575	22.23 -1.17 24.54	39.74 -1.11 2.88	37.93 -1.15 0.00	36.73 -1.07 0.00	37.62 -1.06 0.00	38.67 -1.11 2.25	41.75 -1.35 6.90	51.30 -1.39 0.00	52.65 -1.42 0.00	49.70 -1.30 1.03	23.54 -1.46 33.38	23.76 -1.40 34.68	29.62 -2.05 59.96	120.83 -3.93 50.55	216.20 -5.08 31.19	564.43 -15.72 54.47	130.50 -2.89 -0.95	385.60 -7.43 0.00	194.57 -3.63 0.00	167.35 -3.12 0.00	198.80 -4.26 3.37	74.65 -2.19 14.40	84.84 -2.21 3.76	51.22 -1.47 4.91
NINE_MILE_2 23744	22.01 -1.16 24.76	39.72 -1.11 2.90	37.94 -1.14 0.00	36.73 -1.07 0.00	37.62 -1.06 0.00	38.65 -1.11 2.27	41.69 -1.35 6.96	51.30 -1.39 0.00	52.66 -1.42 0.00	49.69 -1.30 1.04	23.24 -1.46 33.68	23.44 -1.40 34.99	29.07 -2.05 60.51	120.37 -3.93 51.01	215.92 -5.08 31.47	563.93 -15.72 54.97	130.49 -2.89 -0.94	385.60 -7.43 0.00	194.57 -3.63 0.00	167.35 -3.12 0.00	198.77 -4.26 3.40	74.52 -2.19 14.54	84.81 -2.21 3.80	51.18 -1.47 4.96
NM_CAPITAL___DRP 24208	48.45 0.52 0.00	44.59 0.85 0.00	39.84 0.76 0.00	38.66 0.87 0.00	39.52 0.84 0.00	42.85 0.83 0.00	50.61 0.60 0.00	53.20 0.52 0.00	54.45 0.37 0.00	52.60 0.56 0.00	58.72 0.34 0.00	60.34 0.50 0.00	92.30 0.68 0.00	169.11 1.68 7.88	257.31 5.03 0.19	654.89 20.42 0.14	147.95 4.94 -10.57	424.16 14.90 -16.23	209.84 8.49 -3.15	176.38 5.91 0.00	212.33 5.90 0.00	93.21 1.96 0.00	92.15 1.34 0.00	58.27 0.67 0.00
NM_CENTRAL___DRP 24181	48.68 -0.02 -0.76	43.72 -0.11 -0.09	38.77 -0.30 0.00	37.53 -0.26 0.00	38.46 -0.21 0.00	41.95 -0.14 -0.07	50.00 -0.22 -0.21	52.48 -0.21 0.00	53.89 -0.19 0.00	52.00 -0.07 -0.03	59.49 0.07 -1.04	61.13 0.21 -1.08	94.00 0.51 -1.87	177.98 1.10 -1.58	255.89 2.45 -0.97	638.73 2.42 -1.70	134.56 0.83 -1.30	397.21 4.18 0.00	200.33 2.13 0.00	172.50 2.03 0.00	208.37 1.83 -0.10	92.11 0.41 -0.45	91.13 0.19 -0.12	57.72 -0.04 -0.15

NM_FRONTIER___DRP 24179	46.94 -0.99 0.00	42.14 -1.59 0.00	36.66 -2.42 0.00	35.48 -2.32 0.00	36.44 -2.24 0.00	40.07 -1.96 0.00	47.26 -2.74 0.00	48.84 -3.85 0.00	50.27 -3.80 0.00	48.35 -3.56 0.12	55.88 -2.50 0.00	57.88 -1.96 0.00	89.36 -2.26 0.00	169.91 -5.40 0.00	244.26 -8.21 0.00	595.10 -39.52 0.00	125.76 -7.82 -1.14	366.49 -22.00 4.54	185.04 -12.08 1.08	161.31 -9.15 0.00	194.62 -11.81 0.00	85.85 -5.40 0.00	86.27 -4.55 0.00	55.85 -1.75 0.00
NM_ST_REGIS___HYD 24053	48.85 0.91 0.00	44.36 0.63 0.00	39.59 0.52 0.00	38.15 0.35 0.00	39.13 0.45 0.00	42.57 0.54 0.00	51.24 1.24 0.00	54.05 1.36 0.00	55.53 1.45 0.00	53.27 1.23 0.00	59.77 1.39 0.00	60.71 0.88 0.00	92.65 1.03 0.00	175.66 0.35 0.00	249.74 -2.72 0.00	622.87 -11.75 0.00	128.26 -4.17 0.00	377.70 -15.33 0.00	189.23 -8.97 0.00	164.52 -5.95 0.00	203.17 -3.26 0.00	91.13 -0.12 0.00	91.70 0.89 0.00	58.34 0.73 0.00
NORTHPORT___1 23551	50.62 2.69 0.00	47.16 3.42 0.00	41.67 2.60 0.00	40.31 2.39 -0.12	41.00 2.32 0.00	44.26 2.21 -0.03	51.90 1.90 0.00	53.91 1.23 0.00	50.37 0.78 4.49	29.00 1.23 24.27	46.92 1.55 13.00	51.16 2.08 10.75	47.49 3.57 47.71	105.38 7.97 77.89	232.51 15.81 35.77	516.99 40.44 158.07	497.33 6.73 -358.17	1307.62 24.03 -890.56	243.93 13.86 -31.86	148.12 9.50 31.85	129.22 10.20 87.41	25.23 4.11 70.13	25.01 1.58 67.39	27.63 1.25 31.23
NORTHPORT___2 23552	50.62 2.69 0.00	47.16 3.42 0.00	41.67 2.60 0.00	40.31 2.39 -0.12	41.00 2.32 0.00	44.26 2.21 -0.03	51.90 1.90 0.00	53.91 1.23 0.00	50.37 0.78 4.49	29.00 1.23 24.27	46.92 1.55 13.00	51.16 2.08 10.75	47.49 3.57 47.71	105.38 7.97 77.89	232.51 15.81 35.77	516.99 40.44 158.07	497.33 6.73 -358.17	1307.62 24.03 -890.56	243.93 13.86 -31.86	148.12 9.50 31.85	129.22 10.20 87.41	25.23 4.11 70.13	25.01 1.58 67.39	27.63 1.25 31.23
NORTHPORT___3 23553	50.47 2.54 0.00	47.09 3.35 0.00	41.63 2.55 0.00	40.28 2.36 -0.12	40.96 2.28 0.00	44.23 2.18 -0.03	51.87 1.87 0.00	53.82 1.13 0.00	50.34 0.73 4.46	29.04 1.13 24.13	46.82 1.38 12.93	51.10 1.96 10.69	47.45 3.53 47.70	105.66 8.41 78.06	232.82 16.36 36.01	521.38 44.41 157.65	504.66 7.83 -364.40	1310.28 25.71 -891.54	243.99 13.95 -31.84	147.98 9.31 31.80	129.38 10.25 87.30	25.14 4.07 70.19	24.92 1.98 67.88	27.94 1.39 31.05
NORTHPORT___4 23650	50.47 2.54 0.00	47.09 3.35 0.00	41.63 2.55 0.00	40.28 2.36 -0.12	40.96 2.28 0.00	44.23 2.18 -0.03	51.87 1.87 0.00	53.82 1.13 0.00	50.34 0.73 4.46	29.04 1.13 24.13	46.82 1.38 12.93	51.10 1.96 10.69	47.45 3.53 47.70	105.66 8.41 78.06	232.82 16.36 36.01	521.38 44.41 157.65	504.66 7.83 -364.40	1310.28 25.71 -891.54	243.99 13.95 -31.84	147.98 9.31 31.80	129.38 10.25 87.30	25.14 4.07 70.19	24.92 1.98 67.88	27.94 1.39 31.05
NORTHPORT___IC 23718	50.62 2.69 0.00	47.16 3.42 0.00	41.67 2.60 0.00	40.31 2.39 -0.12	41.00 2.32 0.00	44.27 2.22 -0.03	51.89 1.89 0.00	53.95 1.27 0.00	50.37 0.78 4.49	29.03 1.25 24.27	46.93 1.56 13.00	51.18 2.10 10.75	47.50 3.58 47.71	105.45 8.03 77.89	232.55 15.85 35.77	516.84 40.29 158.07	497.38 6.78 -358.17	1307.63 24.04 -890.56	243.84 13.77 -31.86	148.14 9.52 31.85	129.25 10.23 87.41	25.11 3.99 70.13	25.05 1.62 67.39	27.67 1.30 31.23
NORTH___COUNTRY_ESR 323785	47.67 -0.26 0.00	43.35 -0.38 0.00	38.53 -0.55 0.00	37.19 -0.60 0.00	38.08 -0.60 0.00	41.48 -0.55 0.00	49.95 -0.05 0.00	52.90 0.22 0.00	54.48 0.40 0.00	52.14 0.10 0.00	58.34 -0.04 0.00	59.43 -0.40 0.00	90.54 -1.09 0.00	171.82 -3.49 0.00	245.36 -7.11 0.00	612.63 -21.99 0.00	126.38 -6.05 0.00	373.50 -19.53 0.00	188.70 -9.51 0.00	163.55 -6.92 0.00	199.76 -6.67 0.00	89.46 -1.79 0.00	89.84 -0.97 0.00	57.28 -0.33 0.00
NPX_GEN_1385_PROXY 323591	50.70 2.51 -0.27	47.16 3.42 0.00	41.62 2.54 0.00	40.37 2.45 -0.12	41.05 2.37 0.00	40.92 2.14 3.25	52.10 1.80 -0.30	53.70 1.01 0.00	50.18 0.59 4.49	28.80 1.03 24.27	47.04 1.67 13.00	51.28 2.19 10.75	47.40 3.48 47.71	105.25 7.84 77.89	233.30 16.61 35.77	518.20 41.66 158.07	493.44 6.25 -354.76	1304.99 21.40 -890.56	243.95 13.88 -31.86	148.81 10.19 31.85	130.26 11.23 87.41	25.56 4.43 70.13	25.25 1.82 67.39	27.89 1.20 30.92
NPX_GEN_CSC 323557	51.15 2.96 -0.27	47.12 3.38 0.00	41.52 2.45 0.00	40.04 2.12 -0.12	40.70 2.03 0.00	40.75 1.98 3.25	51.95 1.64 -0.30	53.92 1.23 0.00	50.58 0.92 4.42	29.64 1.49 23.89	47.31 1.74 12.81	51.66 2.38 10.56	90.44 4.23 5.42	179.49 9.40 5.22	255.28 18.12 15.30	589.81 42.43 87.24	681.55 5.87 -543.25	1467.64 21.96 -1052.64	255.95 14.73 -43.02	181.48 11.80 0.79	132.29 12.21 86.36	30.55 5.02 65.72	93.72 2.03 -0.88	29.09 1.93 30.44
NSINS_S_GLNS_FALLS 23858	50.43 2.50 0.00	46.46 2.73 0.00	41.38 2.30 0.00	40.12 2.32 0.00	41.06 2.38 0.00	44.65 2.62 0.00	52.89 2.89 0.00	55.52 2.83 0.00	56.89 2.81 0.00	54.76 2.73 0.00	60.99 2.61 0.00	62.44 2.60 0.00	95.24 3.61 0.00	173.96 6.74 8.09	265.34 13.04 0.17	678.42 43.93 0.13	151.66 9.64 -9.59	439.44 31.97 -14.45	221.34 18.65 -4.48	184.78 14.31 0.00	222.75 16.33 0.00	97.74 6.49 0.00	96.33 5.52 0.00	60.79 3.18 0.00
NUCOR_STEEL___DRP 24197	50.62 0.53 -2.15	44.46 0.47 -0.25	39.29 0.21 0.00	38.06 0.27 0.00	38.97 0.30 0.00	42.63 0.41 -0.20	51.11 0.50 -0.61	53.12 0.43 0.00	54.59 0.51 0.00	52.73 0.60 -0.09	61.92 0.61 -2.93	63.45 0.57 -3.04	98.42 1.53 -5.26	181.93 2.18 -4.44	260.64 5.44 -2.74	649.60 10.20 -4.78	135.72 1.54 -1.75	401.46 7.54 -0.90	202.21 3.79 -0.21	174.30 3.83 0.00	210.77 4.05 -0.30	94.05 1.53 -1.27	92.78 1.63 -0.33	58.66 0.62 -0.43
NUMBER_THREE_WT_PWR 323818	51.14 2.10 -1.10	45.80 1.94 -0.13	40.30 1.22 0.00	38.78 0.99 0.00	40.03 1.35 0.00	43.27 1.15 -0.10	51.91 1.60 -0.31	54.05 1.37 0.00	54.92 0.84 0.00	53.24 1.16 -0.05	61.32 1.45 -1.50	62.56 1.17 -1.56	95.58 1.26 -2.70	178.01 0.43 -2.27	253.53 -0.34 -1.40	630.23 -6.84 -2.45	131.17 -1.26 0.00	392.67 -0.35 0.00	199.05 0.84 0.00	172.51 2.04 0.00	211.05 4.47 -0.15	93.64 1.74 -0.65	92.59 1.61 -0.17	58.32 0.49 -0.22
NYISO_LBMP_REFERENCE 24008	47.93 0.00 0.00	43.74 0.00 0.00	39.08 0.00 0.00	37.80 0.00 0.00	38.68 0.00 0.00	42.02 0.00 0.00	50.00 0.00 0.00	52.69 0.00 0.00	54.08 0.00 0.00	52.04 0.00 0.00	58.38 0.00 0.00	59.83 0.00 0.00	91.63 0.00 0.00	175.31 0.00 0.00	252.47 0.00 0.00	634.62 0.00 0.00	132.43 0.00 0.00	393.03 0.00 0.00	198.20 0.00 0.00	170.47 0.00 0.00	206.43 0.00 0.00	91.25 0.00 0.00	90.82 0.00 0.00	57.60 0.00 0.00
NYPA_BRENTWD____GT 24164	51.55 3.62 0.00	47.86 4.12 0.00	42.26 3.19 0.00	40.84 2.91 -0.12	41.53 2.86 0.00	44.89 2.84 -0.03	52.60 2.60 0.00	54.73 2.04 0.00	51.46 1.72 4.34	30.93 2.31 23.42	48.57 2.77 12.57	52.92 3.45 10.36	91.20 5.88 6.30	179.96 11.19 6.53	257.27 20.18 15.38	602.72 51.47 83.37	722.61 9.28 -580.90	1487.45 31.61 -1062.81	258.75 17.65 -42.90	182.14 12.60 0.93	136.41 14.57 84.59	36.40 6.06 60.91	97.59 3.00 -3.78	29.97 2.51 30.15

NYPA_GOWANUS____GT5 24156	51.18 3.24 0.00	47.30 3.56 0.00	42.06 2.98 0.00	40.81 2.89 -0.12	41.53 2.85 0.00	45.06 3.01 -0.03	52.94 2.93 0.00	55.82 3.13 0.00	57.09 3.01 0.00	55.35 3.31 0.00	62.10 3.72 0.00	64.16 4.32 0.00	98.68 7.06 0.00	201.10 14.95 -10.85	284.05 25.58 -6.00	710.65 67.50 -8.53	2013.55 11.44 -1869.68	1962.76 35.21 -1534.52	259.89 18.18 -43.51	212.86 14.47 -27.92	223.56 17.13 0.00	98.17 6.91 0.00	95.90 5.09 0.00	61.00 3.40 0.00
NYPA_GOWANUS____GT6 24157	51.18 3.24 0.00	47.30 3.56 0.00	42.06 2.98 0.00	40.81 2.89 -0.12	41.53 2.85 0.00	45.06 3.01 -0.03	52.94 2.93 0.00	55.82 3.13 0.00	57.09 3.01 0.00	55.35 3.31 0.00	62.10 3.72 0.00	64.16 4.32 0.00	98.68 7.06 0.00	201.10 14.95 -10.85	284.05 25.58 -6.00	710.65 67.50 -8.53	2013.55 11.44 -1869.68	1962.76 35.21 -1534.52	259.89 18.18 -43.51	212.86 14.47 -27.92	223.56 17.13 0.00	98.17 6.91 0.00	95.90 5.09 0.00	61.00 3.40 0.00
NYPA_HARLEM__RVR__GT1 24160	51.16 3.23 0.00	47.13 3.40 0.00	41.90 2.82 0.00	40.69 2.78 -0.12	41.40 2.72 0.00	44.93 2.88 -0.03	52.97 2.96 0.00	55.73 3.04 0.00	56.97 2.89 0.00	55.21 3.17 0.00	61.96 3.58 0.00	64.11 4.27 0.00	98.68 7.05 0.00	201.08 14.93 -10.85	283.71 25.25 -6.00	880.13 66.89 -178.62	2627.72 12.52 -2482.78	2233.57 38.58 -1801.96	261.25 19.54 -43.51	213.72 15.33 -27.92	224.14 17.71 0.00	98.27 7.02 0.00	96.07 5.25 0.00	61.09 3.48 0.00
NYPA_HARLEM__RVR__GT2 24161	51.16 3.23 0.00	47.13 3.40 0.00	41.90 2.82 0.00	40.69 2.78 -0.12	41.40 2.72 0.00	44.93 2.88 -0.03	52.97 2.96 0.00	55.73 3.04 0.00	56.97 2.89 0.00	55.21 3.17 0.00	61.96 3.58 0.00	64.11 4.27 0.00	98.68 7.05 0.00	201.08 14.93 -10.85	283.71 25.25 -6.00	880.13 66.89 -178.62	2627.72 12.52 -2482.78	2233.57 38.58 -1801.96	261.25 19.54 -43.51	213.72 15.33 -27.92	224.14 17.71 0.00	98.27 7.02 0.00	96.07 5.25 0.00	61.09 3.48 0.00
NYPA_KENT____GT 24152	51.13 3.20 0.00	47.21 3.47 0.00	41.98 2.90 0.00	40.74 2.82 -0.12	41.47 2.80 0.00	45.00 2.95 -0.03	52.94 2.94 0.00	55.76 3.07 0.00	57.01 2.93 0.00	55.30 3.27 0.00	62.08 3.70 0.00	64.13 4.29 0.00	98.64 7.01 0.00	200.96 14.81 -10.85	283.77 25.30 -6.00	650.07 66.99 51.54	1797.01 11.81 -1652.76	1853.16 36.23 -1423.90	260.33 18.62 -43.51	212.98 14.59 -27.92	223.54 17.11 0.00	98.11 6.86 0.00	95.85 5.04 0.00	60.97 3.37 0.00
NYPA_POUCH1____GT 24155	51.00 3.06 0.00	47.18 3.44 0.00	41.99 2.92 0.00	40.75 2.83 -0.12	41.49 2.81 0.00	44.99 2.93 -0.03	52.43 2.73 0.30	55.64 2.96 0.00	56.92 2.84 0.00	55.15 3.12 0.00	61.81 3.43 0.00	63.88 4.04 0.00	98.35 6.73 0.00	200.57 14.41 -10.85	283.22 24.76 -6.00	706.85 65.65 -6.58	1956.31 10.75 -1813.13	1960.94 33.42 -1534.50	259.28 17.56 -43.51	212.43 14.04 -27.92	223.10 16.67 0.00	98.01 6.76 0.00	95.72 4.90 0.00	60.87 3.26 0.00
NYPA_VERNON____GT2 24162	51.10 3.17 0.00	47.14 3.40 0.00	41.90 2.83 0.00	40.68 2.76 -0.12	41.40 2.73 0.00	44.94 2.89 -0.03	52.96 2.95 0.00	55.70 3.01 0.00	56.98 2.91 0.00	55.28 3.25 0.00	62.10 3.73 0.00	64.16 4.32 0.00	98.66 7.03 0.00	201.02 14.87 -10.85	283.63 25.16 -6.00	911.63 66.86 -210.15	2732.06 12.29 -2587.34	2279.50 37.60 -1848.88	260.86 19.14 -43.51	213.25 14.86 -27.92	223.64 17.21 0.00	98.09 6.84 0.00	95.85 5.03 0.00	60.96 3.36 0.00
NYPA_VERNON____GT3 24163	51.10 3.17 0.00	47.14 3.40 0.00	41.90 2.83 0.00	40.68 2.76 -0.12	41.40 2.73 0.00	44.94 2.89 -0.03	52.96 2.95 0.00	55.70 3.01 0.00	56.98 2.91 0.00	55.28 3.25 0.00	62.10 3.73 0.00	64.16 4.32 0.00	98.66 7.03 0.00	201.02 14.87 -10.85	283.63 25.16 -6.00	911.63 66.86 -210.15	2732.06 12.29 -2587.34	2279.50 37.60 -1848.88	260.86 19.14 -43.51	213.25 14.86 -27.92	223.64 17.21 0.00	98.09 6.84 0.00	95.85 5.03 0.00	60.96 3.36 0.00
NYPA____ASTORIA_CC1 323568	51.01 3.07 0.00	47.05 3.31 0.00	41.83 2.76 0.00	40.62 2.70 -0.12	41.34 2.67 0.00	44.86 2.81 -0.03	52.86 2.86 0.00	55.58 2.90 0.00	56.85 2.78 0.00	55.19 3.15 0.00	61.96 3.59 0.00	64.02 4.19 0.00	98.47 6.84 0.00	200.53 14.37 -10.85	283.02 24.56 -6.00	879.66 65.31 -179.73	2622.18 12.04 -2477.71	2231.87 36.88 -1801.96	260.45 18.74 -43.51	212.94 14.55 -27.92	223.34 16.91 0.00	97.94 6.69 0.00	95.69 4.87 0.00	60.87 3.27 0.00
NYPA____ASTORIA_CC2 323569	51.01 3.07 0.00	47.05 3.31 0.00	41.83 2.76 0.00	40.62 2.70 -0.12	41.34 2.67 0.00	44.86 2.81 -0.03	52.86 2.86 0.00	55.58 2.90 0.00	56.85 2.78 0.00	55.19 3.15 0.00	61.96 3.59 0.00	64.02 4.19 0.00	98.47 6.84 0.00	200.53 14.37 -10.85	283.02 24.56 -6.00	879.66 65.31 -179.73	2622.18 12.04 -2477.71	2231.87 36.88 -1801.96	260.45 18.74 -43.51	212.94 14.55 -27.92	223.34 16.91 0.00	97.94 6.69 0.00	95.69 4.87 0.00	60.87 3.27 0.00
NYPA____HOLTSVILL 23794	51.00 3.07 0.00	47.34 3.60 0.00	41.80 2.73 0.00	40.38 2.45 -0.12	41.05 2.38 0.00	44.38 2.32 -0.03	52.03 2.03 0.00	54.20 1.52 0.00	50.85 1.20 4.42	29.89 1.77 23.92	47.65 2.10 12.83	51.99 2.73 10.57	91.11 4.73 5.24	180.56 10.17 4.92	255.96 18.73 15.23	592.33 45.02 87.31	684.67 7.43 -544.80	1473.14 27.68 -1052.42	257.72 16.48 -43.04	181.75 11.97 0.70	132.63 12.67 86.47	30.48 5.27 66.05	94.11 2.44 -0.85	28.76 1.94 30.79
NYPA____HELLGATE_GT1 24158	51.18 3.25 0.00	47.13 3.40 0.00	41.90 2.82 0.00	40.69 2.78 -0.12	41.40 2.72 0.00	44.93 2.88 -0.03	52.97 2.96 0.00	55.73 3.04 0.00	56.97 2.89 0.00	55.21 3.17 0.00	61.96 3.58 0.00	64.11 4.27 0.00	98.68 7.05 0.00	201.08 14.93 -10.85	283.72 25.25 -6.00	880.13 66.89 -178.62	2628.10 12.52 -2483.15	2233.57 38.58 -1801.97	261.25 19.54 -43.51	213.72 15.33 -27.92	224.14 17.71 0.00	98.27 7.02 0.00	96.07 5.25 0.00	61.09 3.48 0.00
NYPA____HELLGATE_GT2 24159	51.18 3.25 0.00	47.13 3.40 0.00	41.90 2.82 0.00	40.69 2.78 -0.12	41.40 2.72 0.00	44.93 2.88 -0.03	52.97 2.96 0.00	55.73 3.04 0.00	56.97 2.89 0.00	55.21 3.17 0.00	61.96 3.58 0.00	64.11 4.27 0.00	98.68 7.05 0.00	201.08 14.93 -10.85	283.72 25.25 -6.00	880.13 66.89 -178.62	2628.10 12.52 -2483.15	2233.57 38.58 -1801.97	261.25 19.54 -43.51	213.72 15.33 -27.92	224.14 17.71 0.00	98.27 7.02 0.00	96.07 5.25 0.00	61.09 3.48 0.00
NYS_BARGE____HYD 23848	47.79 -0.15 0.00	42.77 -0.96 0.00	37.22 -1.86 0.00	36.01 -1.78 0.00	37.02 -1.66 0.00	40.63 -1.39 0.00	48.16 -1.84 0.00	49.97 -2.72 0.00	51.36 -2.71 0.00	49.44 -2.48 0.12	57.04 -1.33 0.00	59.07 -0.76 0.00	91.20 -0.42 0.00	173.33 -1.98 0.00	249.27 -3.19 0.00	608.22 -26.40 0.00	128.67 -4.88 -1.13	376.30 -12.31 4.42	189.50 -7.65 1.05	165.25 -5.22 0.00	199.46 -6.97 0.00	88.01 -3.24 0.00	88.58 -2.24 0.00	57.30 -0.31 0.00
OAK ORCHARD____HYD 24046	48.70 0.76 0.00	43.91 0.18 0.00	38.58 -0.49 0.00	37.35 -0.45 0.00	38.31 -0.36 0.00	41.89 -0.13 0.00	49.79 -0.21 0.00	52.20 -0.48 0.00	53.70 -0.37 0.00	51.92 -0.12 0.00	59.13 0.75 0.00	60.99 1.15 0.00	93.92 2.29 0.00	179.08 3.78 0.00	257.85 5.38 0.00	636.37 1.75 0.00	134.63 0.56 -1.64	396.73 3.70 0.00	199.71 1.36 -0.15	172.76 2.29 0.00	208.29 1.86 0.00	91.65 0.40 0.00	91.32 0.50 0.00	58.27 0.67 0.00

OAKDALE___35_KV_LOAD 356122	48.26 0.32 0.00	43.96 0.22 0.00	39.05 -0.02 0.00	37.87 0.07 0.00	38.83 0.15 0.00	42.34 0.32 0.00	50.18 0.18 0.00	52.78 0.09 0.00	54.13 0.05 0.00	52.20 0.17 0.00	58.90 0.52 0.00	60.50 0.66 0.00	92.94 1.32 0.00	179.72 2.86 -1.55	259.25 6.57 -0.22	646.00 11.21 -0.16	123.00 2.28 11.71	390.32 10.88 13.58	203.10 4.32 -0.59	174.98 4.51 0.00	210.90 4.48 0.00	92.92 1.67 0.00	92.02 1.20 0.00	58.28 0.67 0.00
OCC_CHEM___DRP 24175	47.04 -0.89 0.00	42.22 -1.52 0.00	36.72 -2.35 0.00	35.54 -2.25 0.00	36.51 -2.16 0.00	40.13 -1.89 0.00	47.36 -2.65 0.00	48.97 -3.72 0.00	50.41 -3.67 0.00	48.46 -3.45 0.12	56.04 -2.34 0.00	58.03 -1.80 0.00	89.62 -2.01 0.00	170.39 -4.91 0.00	244.97 -7.50 0.00	596.74 -37.88 0.00	126.08 -7.50 -1.14	367.43 -21.03 4.57	185.47 -11.65 1.09	161.73 -8.74 0.00	195.16 -11.27 0.00	86.07 -5.18 0.00	86.53 -4.29 0.00	55.99 -1.61 0.00
OH_GEN_PROXY 24063	47.66 -0.54 -0.27	42.48 -1.26 0.00	37.01 -2.07 0.00	35.83 -1.97 0.00	36.80 -1.88 0.00	37.08 -1.67 3.28	48.11 -2.20 -0.30	49.71 -2.98 0.00	51.10 -2.98 0.00	49.21 -2.72 0.11	56.78 -1.60 0.00	58.73 -1.10 0.00	90.68 -0.94 0.00	172.48 -2.83 0.00	248.15 -4.32 0.00	605.87 -28.75 0.00	124.57 -5.71 2.16	374.52 -14.73 3.78	188.67 -8.63 0.90	164.35 -6.12 0.00	198.28 -8.15 0.00	87.36 -3.89 0.00	87.60 -3.22 0.00	56.88 -1.03 -0.31
OLIN_CORP_DRP 24177	47.34 -0.60 0.00	42.35 -1.38 0.00	36.85 -2.23 0.00	35.66 -2.13 0.00	36.65 -2.02 0.00	40.20 -1.82 0.00	47.60 -2.40 0.00	49.33 -3.36 0.00	50.71 -3.37 0.00	48.77 -3.14 0.13	56.30 -2.08 0.00	58.30 -1.53 0.00	90.04 -1.59 0.00	171.17 -4.14 0.00	246.19 -6.28 0.00	599.98 -34.64 0.00	127.06 -6.51 -1.13	371.48 -16.81 4.74	187.24 -9.83 1.13	162.99 -7.48 0.00	196.64 -9.79 0.00	86.72 -4.53 0.00	87.23 -3.59 0.00	56.58 -1.03 0.00
OLIN_CORP_DSASP 323712	47.05 -0.88 0.00	42.22 -1.51 0.00	36.72 -2.35 0.00	35.54 -2.26 0.00	36.52 -2.16 0.00	40.14 -1.88 0.00	47.36 -2.64 0.00	48.98 -3.70 0.00	50.39 -3.69 0.00	48.48 -3.44 0.12	56.06 -2.32 0.00	58.08 -1.76 0.00	89.65 -1.97 0.00	170.47 -4.84 0.00	244.92 -7.55 0.00	596.66 -37.96 0.00	126.15 -7.42 -1.14	367.44 -21.02 4.57	185.45 -11.67 1.09	161.72 -8.75 0.00	195.15 -11.27 0.00	86.04 -5.21 0.00	86.54 -4.28 0.00	56.01 -1.60 0.00
ONEIDA_HERK_LFGE 323681	49.67 1.74 0.00	45.32 1.58 0.00	40.21 1.14 0.00	38.82 1.02 0.00	39.87 1.20 0.00	43.22 1.20 0.00	51.52 1.52 0.00	54.17 1.49 0.00	55.33 1.25 0.00	53.44 1.41 0.00	60.07 1.69 0.00	61.44 1.60 0.00	93.74 2.12 0.00	179.03 3.73 0.00	258.20 5.74 0.00	645.77 11.15 0.00	134.93 2.50 0.00	402.39 9.36 0.00	203.51 5.31 0.00	175.77 5.31 0.00	213.45 7.02 0.00	94.15 2.90 0.00	93.41 2.59 0.00	58.89 1.28 0.00
ONEIDA___115KV_TB4 55905	49.55 1.61 0.00	45.17 1.43 0.00	40.17 1.09 0.00	38.85 1.06 0.00	39.83 1.16 0.00	43.33 1.31 0.00	51.58 1.58 0.00	54.29 1.60 0.00	55.57 1.49 0.00	53.66 1.63 0.00	60.33 1.96 0.00	61.83 2.00 0.00	94.39 2.76 0.00	181.65 6.34 0.00	263.10 10.63 0.00	656.37 21.75 0.00	138.22 4.93 -0.86	409.00 15.97 0.00	206.36 8.16 0.00	178.26 7.79 0.00	215.95 9.52 0.00	95.21 3.96 0.00	94.30 3.48 0.00	59.50 1.90 0.00
ONONDAGA_REF_OCCRA 23987	48.98 0.26 -0.78	43.98 0.15 -0.09	39.01 -0.06 0.00	37.77 -0.03 0.00	38.70 0.03 0.00	42.23 0.13 -0.07	50.32 0.10 -0.22	52.81 0.12 0.00	54.21 0.14 0.00	52.32 0.25 -0.03	59.86 0.42 -1.07	61.47 0.53 -1.11	94.50 0.96 -1.91	178.84 1.92 -1.61	257.41 3.95 -1.00	642.93 6.57 -1.74	135.65 1.62 -1.60	399.80 6.77 0.00	201.65 3.29 -0.15	173.70 3.23 0.00	209.83 3.30 -0.11	92.83 1.12 -0.46	91.80 0.86 -0.12	58.12 0.35 -0.16
ONONDAGA___COGEN 23986	50.68 0.17 -2.58	44.11 0.07 -0.30	38.95 -0.13 0.00	37.72 -0.08 0.00	38.65 -0.03 0.00	42.32 0.06 -0.24	50.75 0.03 -0.72	52.72 0.03 0.00	54.15 0.07 0.00	52.31 0.16 -0.11	62.16 0.28 -3.50	63.81 0.34 -3.64	98.51 0.59 -6.30	181.43 0.82 -5.30	257.71 1.97 -3.28	642.07 1.73 -5.72	134.38 0.47 -1.48	396.35 3.33 0.00	200.05 1.71 -0.14	172.20 1.73 0.00	208.57 1.79 -0.35	93.42 0.65 -1.51	91.84 0.63 -0.39	58.31 0.19 -0.52
ONTARIO___LFGE 23819	49.58 0.68 -0.96	44.25 0.40 -0.11	39.01 -0.06 0.00	37.77 -0.03 0.00	38.77 0.10 0.00	42.56 0.45 -0.09	50.74 0.46 -0.27	52.78 0.09 0.00	54.27 0.20 0.00	52.40 0.24 -0.13	60.52 0.83 -1.31	62.22 1.03 -1.36	95.79 1.82 -2.35	181.15 3.86 -1.99	260.99 7.29 -1.22	642.90 6.14 -2.14	136.60 1.56 -2.61	406.65 8.84 -4.78	203.38 4.03 -1.14	175.55 5.08 0.00	211.80 5.24 -0.13	93.84 2.02 -0.57	92.67 1.70 -0.15	58.81 1.01 -0.19
ORANGEVILLE_WT_PWR 323706	47.28 -0.66 0.00	42.61 -1.12 0.00	37.18 -1.89 0.00	35.97 -1.83 0.00	37.00 -1.68 0.00	40.85 -1.18 0.00	48.51 -1.49 0.00	50.46 -2.23 0.00	51.63 -2.44 0.00	49.11 -2.38 0.55	56.81 -1.56 0.00	58.69 -1.15 0.00	90.73 -0.90 0.00	174.20 -1.11 0.00	252.32 -0.15 0.00	616.01 -18.61 0.00	127.06 -3.88 1.49	359.20 -10.31 23.52	186.01 -6.59 5.59	167.40 -3.07 0.00	202.96 -3.47 0.00	89.87 -1.38 0.00	89.82 -1.00 0.00	57.47 -0.13 0.00
ORANGEVILLE___ESR 323794	47.28 -0.66 0.00	42.61 -1.12 0.00	37.18 -1.89 0.00	35.97 -1.83 0.00	37.00 -1.68 0.00	40.85 -1.18 0.00	48.51 -1.49 0.00	50.46 -2.23 0.00	51.63 -2.44 0.00	49.11 -2.38 0.55	56.81 -1.56 0.00	58.69 -1.15 0.00	90.73 -0.90 0.00	174.20 -1.11 0.00	252.32 -0.15 0.00	616.01 -18.61 0.00	127.06 -3.88 1.49	359.20 -10.31 23.52	186.01 -6.59 5.59	167.40 -3.07 0.00	202.96 -3.47 0.00	89.87 -1.38 0.00	89.82 -1.00 0.00	57.47 -0.13 0.00
OSWEGATCHIE___HYD 24044	50.47 1.56 -0.98	45.18 1.33 -0.11	39.99 0.92 0.00	38.51 0.71 0.00	39.62 0.95 0.00	43.04 0.92 -0.09	51.77 1.49 -0.27	54.09 1.40 0.00	55.28 1.20 0.00	53.35 1.27 -0.04	61.19 1.49 -1.32	62.32 1.11 -1.37	95.25 1.25 -2.37	177.91 0.60 -2.00	252.11 -1.59 -1.24	627.04 -9.73 -2.16	129.54 -2.89 0.00	384.86 -8.17 0.00	193.71 -4.50 0.00	168.33 -2.14 0.00	207.29 0.72 -0.13	92.73 0.91 -0.57	92.31 1.34 -0.15	58.47 0.67 -0.19
OSWEGO___5 23606	62.80 -0.79 -15.65	44.79 -0.78 -1.83	38.22 -0.85 0.00	37.01 -0.79 0.00	37.91 -0.77 0.00	42.68 -0.78 -1.43	53.44 -0.97 -4.40	51.69 -1.00 0.00	53.06 -1.02 0.00	51.78 -0.91 -0.66	78.67 -1.00 -21.29	81.03 -0.93 -22.12	128.56 -1.32 -38.25	204.99 -2.56 -32.25	269.35 -3.02 -19.90	658.75 -10.62 -34.75	131.60 -1.90 -1.07	388.59 -4.44 0.00	196.05 -2.15 0.00	168.74 -1.73 0.00	206.03 -2.54 -2.15	99.04 -1.40 -9.19	91.73 -1.48 -2.40	59.73 -1.01 -3.13
OSWEGO___6 23613	62.80 -0.79 -15.65	44.79 -0.78 -1.83	38.22 -0.85 0.00	37.01 -0.79 0.00	37.91 -0.77 0.00	42.68 -0.78 -1.43	53.44 -0.97 -4.40	51.69 -1.00 0.00	53.06 -1.02 0.00	51.78 -0.91 -0.66	78.67 -1.00 -21.29	81.03 -0.93 -22.12	128.56 -1.32 -38.25	204.99 -2.56 -32.25	269.35 -3.02 -19.90	658.75 -10.62 -34.75	131.60 -1.90 -1.07	388.59 -4.44 0.00	196.05 -2.15 0.00	168.74 -1.73 0.00	206.03 -2.54 -2.15	99.04 -1.40 -9.19	91.73 -1.48 -2.40	59.73 -1.01 -3.13

OUTOKUMPU-AB___DRP 24206	48.10 0.16 0.00	43.08 -0.65 0.00	37.49 -1.59 0.00	36.28 -1.52 0.00	37.29 -1.39 0.00	40.97 -1.06 0.00	48.49 -1.51 0.00	50.35 -2.34 0.00	51.83 -2.25 0.00	49.87 -2.03 0.14	57.59 -0.78 0.00	59.68 -0.15 0.00	92.15 0.52 0.00	174.95 -0.36 0.00	252.02 -0.45 0.00	614.51 -20.12 0.00	129.57 -3.97 -1.11	378.27 -9.74 5.02	190.60 -6.41 1.19	166.35 -4.12 0.00	200.80 -5.63 0.00	88.76 -2.49 0.00	89.24 -1.58 0.00	57.55 -0.06 0.00
OXBOW___BTM 323836	47.59 -0.34 0.00	42.66 -1.07 0.00	37.10 -1.98 0.00	35.90 -1.90 0.00	36.90 -1.78 0.00	40.55 -1.47 0.00	47.94 -2.06 0.00	49.69 -3.00 0.00	51.13 -2.95 0.00	49.21 -2.70 0.13	56.88 -1.50 0.00	58.96 -0.87 0.00	91.01 -0.61 0.00	172.95 -2.35 0.00	248.82 -3.64 0.00	606.26 -28.36 0.00	127.61 -5.95 -1.12	371.82 -16.41 4.80	187.54 -9.52 1.14	163.62 -6.85 0.00	197.63 -8.80 0.00	87.37 -3.88 0.00	87.97 -2.84 0.00	56.80 -0.81 0.00
OXBOW___ 24026	47.59 -0.35 0.00	42.65 -1.08 0.00	37.10 -1.98 0.00	35.90 -1.90 0.00	36.90 -1.78 0.00	40.55 -1.47 0.00	47.93 -2.07 0.00	49.68 -3.00 0.00	51.13 -2.95 0.00	49.20 -2.71 0.13	56.85 -1.53 0.00	58.92 -0.91 0.00	91.00 -0.62 0.00	172.87 -2.44 0.00	248.87 -3.60 0.00	606.34 -28.28 0.00	127.56 -5.99 -1.12	371.84 -16.39 4.80	187.59 -9.47 1.14	163.63 -6.84 0.00	197.59 -8.83 0.00	87.40 -3.85 0.00	87.96 -2.86 0.00	56.80 -0.81 0.00
OXY_CHEM_DSASP 323612	47.04 -0.89 0.00	42.22 -1.52 0.00	36.72 -2.35 0.00	35.54 -2.25 0.00	36.51 -2.16 0.00	40.13 -1.89 0.00	47.36 -2.65 0.00	48.97 -3.72 0.00	50.41 -3.67 0.00	48.46 -3.45 0.12	56.04 -2.34 0.00	58.03 -1.80 0.00	89.62 -2.01 0.00	170.39 -4.91 0.00	244.97 -7.50 0.00	596.74 -37.88 0.00	126.08 -7.50 -1.14	367.43 -21.03 4.57	185.47 -11.65 1.09	161.73 -8.74 0.00	195.16 -11.27 0.00	86.07 -5.18 0.00	86.53 -4.29 0.00	55.99 -1.61 0.00
OZONE_PARK_ESR 323760	51.93 4.00 0.00	47.65 3.91 0.00	42.33 3.25 0.00	41.12 3.20 -0.12	41.84 3.16 0.00	45.37 3.31 -0.03	53.58 3.58 0.00	56.43 3.74 0.00	57.70 3.62 0.00	55.94 3.91 0.00	62.92 4.55 0.00	65.14 5.30 0.00	100.04 8.41 0.00	203.70 17.55 -10.85	287.63 29.17 -5.99	889.57 76.64 -178.31	2632.02 14.69 -2484.90	2240.57 44.67 -1802.86	264.16 22.42 -43.54	215.98 17.55 -27.96	226.73 20.30 0.00	99.45 8.20 0.00	97.25 6.43 0.00	61.70 4.10 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	47.04 -0.89 0.00	42.22 -1.52 0.00	36.72 -2.35 0.00	35.54 -2.25 0.00	36.51 -2.16 0.00	40.13 -1.89 0.00	47.36 -2.65 0.00	48.97 -3.72 0.00	50.41 -3.67 0.00	48.46 -3.45 0.12	56.04 -2.34 0.00	58.03 -1.80 0.00	89.62 -2.01 0.00	170.39 -4.91 0.00	244.97 -7.50 0.00	596.74 -37.88 0.00	126.08 -7.50 -1.14	367.43 -21.03 4.57	185.47 -11.65 1.09	161.73 -8.74 0.00	195.16 -11.27 0.00	86.07 -5.18 0.00	86.53 -4.29 0.00	55.99 -1.61 0.00
PACKARD___115KV_DUPONT_184 80571	47.04 -0.89 0.00	42.22 -1.52 0.00	36.72 -2.35 0.00	35.54 -2.25 0.00	36.51 -2.16 0.00	40.13 -1.89 0.00	47.36 -2.65 0.00	48.97 -3.72 0.00	50.41 -3.67 0.00	48.46 -3.45 0.12	56.04 -2.34 0.00	58.03 -1.80 0.00	89.62 -2.01 0.00	170.39 -4.91 0.00	244.97 -7.50 0.00	596.74 -37.88 0.00	126.08 -7.50 -1.14	367.43 -21.03 4.57	185.47 -11.65 1.09	161.73 -8.74 0.00	195.16 -11.27 0.00	86.07 -5.18 0.00	86.53 -4.29 0.00	55.99 -1.61 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	51.07 3.14 0.00	47.05 3.31 0.00	41.84 2.76 0.00	40.63 2.71 -0.12	41.33 2.65 0.00	44.88 2.83 -0.03	52.92 2.92 0.00	55.72 3.03 0.00	56.98 2.90 0.00	55.23 3.20 0.00	61.98 3.61 0.00	64.10 4.27 0.00	98.59 6.97 0.00	200.89 14.73 -10.85	283.21 24.74 -6.00	878.50 65.26 -178.63	2627.69 12.27 -2482.99	2232.89 37.89 -1801.96	260.97 19.26 -43.51	213.41 15.01 -27.92	223.85 17.42 0.00	98.08 6.83 0.00	95.90 5.09 0.00	60.96 3.36 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	52.69 4.76 0.00	48.52 4.78 0.00	43.19 4.11 0.00	41.96 4.04 -0.12	42.72 4.04 0.00	46.43 4.38 -0.03	54.76 4.76 0.00	57.59 4.90 0.00	58.88 4.81 0.00	57.02 4.98 0.00	64.02 5.65 0.00	66.40 6.56 0.00	101.86 10.23 0.00	207.05 20.90 -10.85	292.28 33.81 -6.00	900.34 87.10 -178.63	2632.82 17.40 -2482.99	2247.40 52.40 -1801.96	268.09 26.38 -43.51	219.33 20.94 -27.92	230.93 24.51 0.00	101.08 9.83 0.00	98.85 8.04 0.00	62.80 5.20 0.00
PATROON___115KV_TB1 80586	48.62 0.69 0.00	44.71 0.98 0.00	39.94 0.86 0.00	38.77 0.97 0.00	39.62 0.94 0.00	42.96 0.94 0.00	50.78 0.78 0.00	53.39 0.70 0.00	54.66 0.58 0.00	52.80 0.76 0.00	58.97 0.60 0.00	60.64 0.80 0.00	92.76 1.14 0.00	170.75 2.72 7.28	258.77 6.48 0.18	658.69 24.20 0.14	148.19 5.60 -10.16	425.11 16.69 -15.38	210.62 9.09 -3.34	176.94 6.47 0.00	212.99 6.56 0.00	93.53 2.28 0.00	92.45 1.63 0.00	58.44 0.84 0.00
PATTRSNVILLE___SOLAR 323815	49.80 1.87 0.00	45.56 1.82 0.00	40.63 1.56 0.00	39.36 1.57 0.00	40.27 1.59 0.00	43.76 1.74 0.00	51.87 1.87 0.00	54.47 1.78 0.00	55.73 1.66 0.00	53.46 1.43 0.00	59.83 1.45 0.00	61.25 1.41 0.00	93.66 2.03 0.00	172.87 3.40 5.84	259.60 7.14 0.00	661.71 27.09 0.00	143.17 6.51 -4.22	420.94 20.06 -7.85	213.79 10.92 -4.66	179.36 8.89 0.00	216.81 10.38 0.00	95.55 4.30 0.00	94.61 3.79 0.00	59.89 2.28 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	47.93 -0.01 0.00	42.97 -0.76 0.00	37.54 -1.53 0.00	36.38 -1.42 0.00	37.39 -1.29 0.00	41.04 -0.99 0.00	48.69 -1.31 0.00	50.86 -1.83 0.00	52.29 -1.79 0.00	50.34 -1.55 0.15	57.97 -0.41 0.00	59.90 0.07 0.00	92.55 0.93 0.00	176.34 1.04 0.00	254.97 2.51 0.00	622.74 -11.88 0.00	131.45 -2.19 -1.21	385.13 -2.46 5.43	193.47 -3.45 1.29	169.13 -1.34 0.00	203.68 -2.75 0.00	89.79 -1.46 0.00	89.65 -1.17 0.00	57.61 0.00 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	51.01 3.07 0.00	46.89 3.16 0.00	41.68 2.61 0.00	40.36 2.56 0.00	41.22 2.54 0.00	44.76 2.73 0.00	52.89 2.89 0.00	55.62 2.93 0.00	56.91 2.83 0.00	55.15 3.12 0.00	61.97 3.59 0.00	64.02 4.18 0.00	98.60 6.98 0.00	200.85 14.85 -10.70	277.09 24.93 0.31	702.75 68.36 0.23	177.62 14.17 -31.01	501.31 44.39 -63.89	226.53 22.09 -6.23	193.62 17.08 -6.07	225.22 18.79 0.00	98.84 7.59 0.00	96.80 5.98 0.00	61.20 3.59 0.00
PEEKSKILL___ 23653	50.55 2.61 0.00	46.54 2.81 0.00	41.36 2.29 0.00	40.16 2.27 -0.10	40.91 2.24 0.00	44.39 2.35 -0.02	52.39 2.39 0.00	55.05 2.37 0.00	56.29 2.21 0.00	54.52 2.49 0.00	61.27 2.90 0.00	63.30 3.47 0.00	97.40 5.78 0.00	198.49 12.46 -10.72	279.02 21.61 -4.95	836.47 58.60 -143.25	2721.27 11.41 -2577.43	2455.50 35.52 -2026.96	375.86 18.27 -159.39	427.59 13.92 -243.20	222.11 15.69 0.00	97.49 6.23 0.00	95.47 4.65 0.00	60.49 2.89 0.00
PGE MADISON___WINDPWR 24146	50.70 2.77 0.00	46.09 2.35 0.00	40.73 1.65 0.00	39.50 1.71 0.00	40.63 1.96 0.00	44.45 2.42 0.00	53.03 3.02 0.00	55.86 3.18 0.00	57.53 3.46 0.00	55.90 3.84 -0.03	62.91 4.54 0.00	64.60 4.76 0.00	99.16 7.53 0.00	189.50 14.20 0.00	275.36 22.68 -0.21	692.07 57.29 -0.16	134.82 13.55 11.17	424.83 43.59 11.79	220.33 21.13 -0.99	191.02 20.55 0.00	230.87 24.44 0.00	101.52 10.27 0.00	100.01 9.20 0.00	62.63 5.03 0.00

PIERCEFIELD___HYD 23852	48.92 0.98 0.00	44.43 0.70 0.00	39.69 0.62 0.00	38.25 0.45 0.00	39.23 0.55 0.00	42.66 0.64 0.00	51.32 1.32 0.00	54.04 1.36 0.00	55.48 1.40 0.00	53.27 1.23 0.00	59.80 1.42 0.00	60.75 0.91 0.00	92.80 1.17 0.00	176.01 0.71 0.00	249.97 -2.50 0.00	623.81 -10.81 0.00	128.44 -4.00 0.00	377.63 -15.40 0.00	188.75 -9.45 0.00	164.18 -6.29 0.00	203.16 -3.27 0.00	91.10 -0.15 0.00	91.68 0.86 0.00	58.34 0.73 0.00
PINELAWN_CC_1 323563	51.41 3.47 0.00	47.67 3.93 0.00	42.12 3.05 0.00	40.72 2.80 -0.12	41.42 2.75 0.00	44.82 2.76 -0.03	52.65 2.65 0.00	54.92 2.24 0.00	52.11 1.94 3.92	32.97 2.00 21.07	49.25 2.23 11.35	53.33 2.85 9.36	93.04 4.94 3.53	185.09 10.80 1.02	259.75 20.02 12.73	632.69 52.61 54.53	916.59 9.93 -774.23	1555.33 32.24 -1130.06	258.93 17.50 -43.23	186.11 12.32 -3.32	143.70 13.49 76.22	55.32 5.48 41.41	114.20 3.07 -20.31	32.46 2.01 27.16
PJM_GEN_HTTP_PROXY 323702	51.01 3.07 0.00	47.00 3.26 0.00	41.76 2.69 0.00	40.54 2.62 -0.12	41.27 2.59 0.00	44.49 2.75 0.28	55.63 2.88 -2.75	57.23 2.93 -1.61	56.88 2.81 0.00	55.14 3.10 0.00	61.98 3.60 0.00	64.09 4.25 0.00	98.65 7.02 0.00	201.20 15.04 -10.84	283.29 25.31 -5.52	875.42 67.18 -173.63	2649.47 12.73 -2504.31	2273.36 38.99 -1841.33	261.48 19.72 -43.56	213.65 15.18 -27.99	223.84 17.41 0.00	95.99 6.95 2.22	94.47 5.18 1.52	61.04 3.32 -0.11
PJM_GEN_KEystone 24065	39.03 0.84 9.74	44.50 0.76 0.00	39.36 0.29 0.00	38.16 0.36 0.00	39.07 0.40 0.00	42.25 0.54 0.31	52.99 0.33 -2.65	54.39 0.10 -1.61	54.03 -0.05 0.00	52.24 0.24 0.03	59.16 0.78 0.00	61.01 1.18 0.00	93.93 2.31 0.00	186.46 5.14 -6.02	264.68 10.45 -1.76	641.61 20.66 13.67	-18.83 3.60 154.87	301.64 14.14 105.53	193.59 6.32 10.93	154.20 5.45 21.73	212.06 5.63 0.00	59.11 2.13 34.27	90.63 1.33 1.52	60.86 1.03 -2.23
PJM_GEN_NEPTUNE_PROXY 323594	50.81 2.87 0.00	47.02 3.29 0.00	41.62 2.55 0.00	40.30 2.38 -0.12	41.01 2.33 0.00	44.07 2.32 0.28	54.93 2.17 -2.75	56.08 1.79 -1.61	50.88 1.56 4.76	28.20 1.96 25.80	46.99 2.41 13.80	51.51 3.05 11.37	94.47 5.13 2.29	185.70 11.40 1.01	256.74 20.54 16.27	579.14 54.73 110.21	557.51 10.18 -414.90	1466.65 32.42 -1041.19	258.68 17.04 -43.44	182.09 12.39 0.77	126.03 13.82 94.22	7.78 5.65 89.13	80.52 3.83 14.12	26.70 2.17 33.06
PJM_GEN_VFT_PROXY 323633	50.72 2.79 0.00	46.79 3.06 0.00	41.59 2.51 0.00	40.38 2.46 -0.12	41.09 2.41 0.00	44.26 2.52 0.28	53.93 2.58 -1.36	56.91 2.61 -1.61	56.55 2.47 0.00	54.82 2.79 0.00	61.63 3.25 0.00	63.71 3.87 0.00	98.03 6.41 0.00	200.07 13.92 -10.84	281.75 23.75 -5.52	702.19 63.19 -4.38	1824.96 11.73 -1680.80	1986.80 35.90 -1557.87	260.07 18.33 -43.54	212.38 13.96 -27.95	222.66 16.23 0.00	95.55 6.52 2.22	94.00 4.71 1.52	60.75 3.02 -0.11
PLATSBURG_115KV_PMLD1 355749	48.00 0.07 0.00	43.72 -0.02 0.00	38.84 -0.24 0.00	37.49 -0.31 0.00	38.36 -0.32 0.00	41.76 -0.27 0.00	50.30 0.30 0.00	53.26 0.57 0.00	54.82 0.75 0.00	52.56 0.52 0.00	58.51 0.13 0.00	59.51 -0.32 0.00	90.65 -0.97 0.00	171.62 -3.69 0.00	245.55 -6.91 0.00	613.57 -21.05 0.00	125.33 -7.10 0.00	371.39 -21.63 0.00	188.07 -10.13 0.00	162.64 -7.83 0.00	198.82 -7.61 0.00	89.08 -2.17 0.00	89.69 -1.12 0.00	57.33 -0.28 0.00
PLEASANTVLY___LBMP 24000	50.00 2.06 0.00	46.03 2.30 0.00	40.96 1.89 0.00	39.70 1.90 0.00	40.55 1.87 0.00	44.00 1.97 0.00	51.95 1.95 0.00	54.58 1.89 0.00	55.83 1.75 0.00	54.04 2.00 0.00	60.61 2.23 0.00	62.50 2.67 0.00	96.02 4.40 0.00	196.64 9.49 -11.84	268.88 16.99 0.58	686.77 48.38 -3.78	241.70 9.81 -99.46	548.25 31.04 -124.18	222.97 16.13 -8.63	191.86 12.39 -9.00	220.13 13.70 0.00	96.57 5.32 0.00	94.79 3.97 0.00	60.06 2.46 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	50.85 2.92 0.00	46.85 3.11 0.00	41.62 2.55 0.00	40.42 2.51 -0.12	41.14 2.47 0.00	44.67 2.61 -0.03	52.71 2.71 0.00	55.40 2.72 0.00	56.66 2.58 0.00	54.91 2.87 0.00	61.72 3.34 0.00	63.80 3.96 0.00	98.14 6.51 0.00	200.21 14.01 -10.89	276.28 23.82 0.00	870.12 64.17 -171.33	2518.46 12.58 -2373.44	2130.99 38.88 -1699.09	258.98 19.95 -40.82	209.61 15.28 -23.85	223.60 17.17 0.00	98.04 6.79 0.00	95.93 5.12 0.00	60.71 3.11 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	50.85 2.92 0.00	46.85 3.11 0.00	41.62 2.55 0.00	40.42 2.51 -0.12	41.14 2.47 0.00	44.67 2.61 -0.03	52.71 2.71 0.00	55.40 2.72 0.00	56.66 2.58 0.00	54.91 2.87 0.00	61.72 3.34 0.00	63.80 3.96 0.00	98.14 6.51 0.00	200.21 14.01 -10.89	276.28 23.82 0.00	870.12 64.17 -171.33	2518.46 12.58 -2373.44	2130.99 38.88 -1699.09	258.98 19.95 -40.82	209.61 15.28 -23.85	223.60 17.17 0.00	98.04 6.79 0.00	95.93 5.12 0.00	60.71 3.11 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	50.71 2.78 0.00	46.62 2.88 0.00	41.45 2.37 0.00	40.15 2.35 0.00	41.01 2.33 0.00	44.52 2.49 0.00	52.62 2.62 0.00	55.33 2.64 0.00	56.62 2.54 0.00	54.80 2.76 0.00	61.48 3.10 0.00	63.47 3.64 0.00	97.65 6.02 0.00	198.48 12.75 -10.43	274.33 21.87 0.00	696.08 61.46 0.00	144.58 12.89 0.74	462.16 39.56 -29.58	221.17 20.15 -2.82	186.09 15.62 0.00	223.84 17.41 0.00	98.11 6.86 0.00	96.08 5.26 0.00	60.76 3.16 0.00
POLETTI____ 23519	50.95 3.02 0.00	46.96 3.23 0.00	41.74 2.66 0.00	40.51 2.59 -0.12	41.22 2.54 0.00	44.76 2.70 -0.03	52.81 2.80 0.00	55.57 2.88 0.00	56.81 2.74 0.00	55.10 3.07 0.00	61.92 3.54 0.00	64.03 4.20 0.00	98.56 6.94 0.00	201.04 14.89 -10.85	283.62 25.17 -5.99	879.50 66.57 -178.31	2629.90 12.57 -2484.90	2234.28 38.38 -1802.86	261.15 19.41 -43.54	213.34 14.91 -27.96	223.58 17.15 0.00	98.08 6.83 0.00	95.88 5.06 0.00	60.87 3.26 0.00
POMONA___ESR 323819	50.54 2.61 0.00	46.52 2.78 0.00	41.34 2.27 0.00	40.13 2.27 -0.06	40.91 2.24 0.00	44.35 2.34 0.01	52.37 2.36 0.00	55.01 2.33 0.00	56.25 2.18 0.00	54.52 2.48 0.00	61.29 2.91 0.00	63.38 3.54 0.00	97.52 5.90 0.00	198.51 12.84 -10.36	278.63 22.18 -3.99	651.80 59.91 42.73	-230.75 11.81 374.99	80.67 36.43 348.78	186.32 18.56 30.44	138.66 14.10 45.90	222.21 15.78 0.00	97.57 6.32 0.00	95.58 4.76 0.00	60.55 2.95 0.00
PORT_JEFF_3 23555	51.12 3.18 0.00	47.45 3.71 0.00	41.89 2.81 0.00	40.44 2.53 -0.12	41.12 2.44 0.00	44.46 2.41 -0.03	52.11 2.11 0.00	54.25 1.57 0.00	50.91 1.25 4.42	30.03 1.88 23.89	47.83 2.26 12.81	52.18 2.91 10.56	90.84 4.77 5.55	179.64 9.78 5.44	255.33 18.23 15.37	590.95 43.76 87.43	685.76 7.13 -546.19	1472.01 26.80 -1052.18	257.42 16.22 -43.00	181.14 11.56 0.89	132.19 12.11 86.35	30.62 5.09 65.72	93.62 2.12 -0.69	28.77 1.90 30.74
PORT_JEFF_4 23616	51.12 3.18 0.00	47.45 3.71 0.00	41.89 2.81 0.00	40.44 2.53 -0.12	41.12 2.44 0.00	44.46 2.41 -0.03	52.11 2.11 0.00	54.25 1.57 0.00	50.91 1.25 4.42	30.03 1.88 23.89	47.83 2.26 12.81	52.18 2.91 10.56	90.84 4.77 5.55	179.64 9.78 5.44	255.33 18.23 15.37	590.95 43.76 87.43	685.76 7.13 -546.19	1472.01 26.80 -1052.18	257.42 16.22 -43.00	181.14 11.56 0.89	132.19 12.11 86.35	30.62 5.09 65.72	93.62 2.12 -0.69	28.77 1.90 30.74

PORT_JEFF_IC 23713	51.23 3.30 0.00	47.54 3.81 0.00	41.97 2.89 0.00	40.52 2.60 -0.12	41.19 2.52 0.00	44.54 2.48 -0.03	52.21 2.21 0.00	54.39 1.71 0.00	51.04 1.36 4.40	30.29 2.04 23.79	48.03 2.42 12.76	52.40 3.08 10.52	90.12 5.11 6.62	178.21 10.15 7.25	255.44 18.80 15.83	591.22 44.63 88.03	689.29 7.36 -549.49	1471.81 27.87 -1050.91	257.50 16.44 -42.86	180.78 11.88 1.57	132.82 12.41 86.01	31.55 5.13 64.83	93.02 2.29 0.08	29.15 2.17 30.63
PPL PILGRIM_ST_GT1 24216	51.55 3.62 0.00	47.86 4.12 0.00	42.26 3.19 0.00	40.84 2.91 -0.12	41.53 2.86 0.00	44.89 2.84 -0.03	52.60 2.60 0.00	54.73 2.04 0.00	51.46 1.72 4.34	30.93 2.31 23.42	48.57 2.77 12.57	52.92 3.45 10.36	91.20 5.88 6.30	179.96 11.19 6.53	257.27 20.18 15.38	602.72 51.47 83.37	722.61 9.28 -580.90	1487.45 31.61 -1062.81	258.75 17.65 -42.90	182.14 12.60 0.93	136.41 14.57 84.59	36.40 6.06 60.91	97.59 3.00 -3.78	29.97 2.51 30.15
PPL PILGRIM_ST_GT2 24217	51.55 3.62 0.00	47.86 4.12 0.00	42.26 3.19 0.00	40.84 2.91 -0.12	41.53 2.86 0.00	44.89 2.84 -0.03	52.60 2.60 0.00	54.73 2.04 0.00	51.46 1.72 4.34	30.93 2.31 23.42	48.57 2.77 12.57	52.92 3.45 10.36	91.20 5.88 6.30	179.96 11.19 6.53	257.27 20.18 15.38	602.72 51.47 83.37	722.61 9.28 -580.90	1487.45 31.61 -1062.81	258.75 17.65 -42.90	182.14 12.60 0.93	136.41 14.57 84.59	36.40 6.06 60.91	97.59 3.00 -3.78	29.97 2.51 30.15
PPL_SHRM_GT3 24213	50.93 3.00 0.00	47.16 3.42 0.00	41.56 2.49 0.00	40.08 2.16 -0.12	40.74 2.06 0.00	44.07 2.02 -0.03	51.68 1.68 0.00	53.95 1.26 0.00	50.61 0.94 4.41	29.71 1.51 23.84	47.37 1.78 12.79	51.68 2.39 10.54	90.10 4.25 5.77	179.21 9.72 5.82	255.64 18.62 15.45	591.12 43.80 87.30	686.77 5.58 -548.76	1462.35 16.76 -1052.56	254.46 13.29 -42.97	181.67 12.21 1.01	132.87 12.64 86.19	31.12 5.16 65.29	93.74 2.18 -0.74	28.87 1.95 30.69
PPL_SHRM_GT4 24214	50.93 3.00 0.00	47.16 3.42 0.00	41.56 2.49 0.00	40.08 2.16 -0.12	40.74 2.06 0.00	44.07 2.02 -0.03	51.68 1.68 0.00	53.95 1.26 0.00	50.61 0.94 4.41	29.71 1.51 23.84	47.37 1.78 12.79	51.68 2.39 10.54	90.10 4.25 5.77	179.21 9.72 5.82	255.64 18.62 15.45	591.12 43.80 87.30	686.77 5.58 -548.76	1462.35 16.76 -1052.56	254.46 13.29 -42.97	181.67 12.21 1.01	132.87 12.64 86.19	31.12 5.16 65.29	93.74 2.18 -0.74	28.87 1.95 30.69
PROJECT___ORANGE 1 24174	48.53 -0.02 -0.61	43.70 -0.11 -0.07	38.78 -0.30 0.00	37.54 -0.26 0.00	38.47 -0.21 0.00	41.94 -0.14 -0.06	49.96 -0.21 -0.17	52.48 -0.20 0.00	53.90 -0.18 0.00	52.02 -0.05 -0.03	59.30 0.09 -0.83	60.93 0.23 -0.86	93.66 0.54 -1.50	177.75 1.18 -1.26	255.87 2.63 -0.78	638.84 2.86 -1.36	134.68 0.93 -1.33	397.50 4.48 0.00	200.43 2.23 0.00	172.57 2.10 0.00	208.38 1.87 -0.08	92.05 0.44 -0.36	91.12 0.20 -0.09	57.69 -0.04 -0.12
PROJECT___ORANGE 2 24166	48.53 -0.02 -0.61	43.70 -0.11 -0.07	38.78 -0.30 0.00	37.54 -0.26 0.00	38.47 -0.21 0.00	41.94 -0.14 -0.06	49.96 -0.21 -0.17	52.48 -0.20 0.00	53.90 -0.18 0.00	52.02 -0.05 -0.03	59.30 0.09 -0.83	60.93 0.23 -0.86	93.66 0.54 -1.50	177.75 1.18 -1.26	255.87 2.63 -0.78	638.84 2.86 -1.36	134.68 0.93 -1.33	397.50 4.48 0.00	200.43 2.23 0.00	172.57 2.10 0.00	208.38 1.87 -0.08	92.05 0.44 -0.36	91.12 0.20 -0.09	57.69 -0.04 -0.12
PUCKETT___SOLAR 323809	48.88 0.94 0.00	44.43 0.70 0.00	39.36 0.29 0.00	38.17 0.37 0.00	39.24 0.56 0.00	42.84 0.81 0.00	50.79 0.79 0.00	53.43 0.74 0.00	54.74 0.66 0.00	52.82 0.78 0.00	59.60 1.22 0.00	61.12 1.28 0.00	93.78 2.16 0.00	181.05 4.18 -1.57	261.29 8.59 -0.22	655.18 20.39 -0.17	125.27 4.94 12.10	396.71 17.71 14.02	206.63 7.79 -0.64	178.67 8.20 0.00	215.58 9.16 0.00	94.98 3.73 0.00	93.96 3.14 0.00	59.36 1.76 0.00
PYRITES___HYD 24023	49.81 1.88 0.00	45.19 1.45 0.00	40.41 1.34 0.00	38.97 1.17 0.00	39.96 1.29 0.00	43.50 1.48 0.00	52.44 2.44 0.00	55.14 2.45 0.00	56.53 2.46 0.00	54.34 2.30 0.00	60.84 2.46 0.00	61.72 1.88 0.00	94.37 2.74 0.00	178.74 3.43 0.00	252.26 -0.21 0.00	629.76 -4.86 0.00	129.09 -3.34 0.00	380.55 -12.47 0.00	190.27 -7.93 0.00	166.87 -3.60 0.00	207.82 1.39 0.00	93.19 1.94 0.00	93.64 2.82 0.00	59.54 1.94 0.00
QUAKERRD_115KV_BK1 80622	47.56 -0.37 0.00	42.96 -0.77 0.00	37.84 -1.23 0.00	36.63 -1.17 0.00	37.56 -1.12 0.00	41.03 -0.99 0.00	48.78 -1.22 0.00	51.19 -1.49 0.00	52.71 -1.37 0.00	50.88 -1.16 0.00	57.79 -0.58 0.00	59.58 -0.25 0.00	91.73 0.11 0.00	175.00 -0.31 0.00	252.09 -0.38 0.00	623.98 -10.64 0.00	131.96 -2.05 -1.58	388.86 -4.17 0.00	196.04 -2.31 -0.15	169.35 -1.12 0.00	204.13 -2.30 0.00	89.81 -1.44 0.00	89.34 -1.47 0.00	56.93 -0.68 0.00
QUENSBRY_115KV_TB8 356137	50.62 2.68 0.00	46.75 3.02 0.00	41.63 2.56 0.00	40.36 2.57 0.00	41.34 2.66 0.00	44.97 2.94 0.00	53.30 3.30 0.00	55.88 3.20 0.00	57.23 3.16 0.00	55.10 3.06 0.00	61.41 3.03 0.00	62.82 2.98 0.00	95.71 4.08 0.00	175.08 7.61 7.84	267.06 14.76 0.17	683.03 48.54 0.13	152.59 10.67 -9.48	443.78 36.53 -14.22	223.97 21.25 -4.52	186.50 16.03 0.00	224.67 18.24 0.00	98.53 7.28 0.00	96.90 6.08 0.00	61.17 3.57 0.00
RAMAPO___LBMP 323565	50.30 2.36 0.00	46.29 2.56 0.00	41.15 2.07 0.00	39.85 2.07 0.02	40.72 2.04 0.00	44.16 2.14 0.00	52.13 2.13 0.00	54.78 2.09 0.00	55.99 1.91 0.00	54.23 2.19 0.00	60.94 2.56 0.00	62.98 3.15 0.00	96.86 5.24 0.00	197.10 11.56 -10.23	276.34 20.18 -3.69	673.13 54.61 16.10	-390.63 10.72 533.78	-75.50 33.10 501.63	187.34 17.05 27.91	134.79 12.86 48.54	220.91 14.49 0.00	97.01 5.76 0.00	95.13 4.32 0.00	60.27 2.66 0.00
RANKINE___ 23646	48.09 0.16 0.00	43.10 -0.63 0.00	37.58 -1.49 0.00	36.41 -1.39 0.00	37.42 -1.26 0.00	41.10 -0.93 0.00	48.76 -1.25 0.00	50.80 -1.88 0.00	52.22 -1.85 0.00	50.22 -1.65 0.16	57.95 -0.43 0.00	59.95 0.11 0.00	92.70 1.08 0.00	176.64 1.33 0.00	255.19 2.72 0.00	622.61 -12.01 0.00	131.24 -2.24 -1.05	383.35 -3.52 6.16	192.97 -3.77 1.46	168.90 -1.58 0.00	203.70 -2.73 0.00	89.85 -1.40 0.00	89.93 -0.89 0.00	57.84 0.23 0.00
RAVENSWOOD_GT2_1 24244	51.05 3.12 0.00	47.05 3.31 0.00	41.81 2.74 0.00	40.59 2.67 -0.12	41.31 2.63 0.00	44.84 2.79 -0.03	52.90 2.90 0.00	55.65 2.97 0.00	56.90 2.82 0.00	55.19 3.16 0.00	62.02 3.64 0.00	64.10 4.27 0.00	98.66 7.04 0.00	201.17 15.01 -10.85	283.78 25.32 -6.00	879.94 67.02 -178.30	2629.08 12.71 -2483.94	2234.05 39.05 -1801.97	261.50 19.79 -43.51	213.64 15.25 -27.92	223.96 17.54 0.00	98.25 7.00 0.00	96.05 5.23 0.00	60.98 3.37 0.00
RAVENSWOOD_GT2_2 24245	51.05 3.12 0.00	47.05 3.31 0.00	41.81 2.74 0.00	40.59 2.67 -0.12	41.31 2.63 0.00	44.84 2.79 -0.03	52.90 2.90 0.00	55.65 2.97 0.00	56.90 2.82 0.00	55.19 3.16 0.00	62.02 3.64 0.00	64.10 4.27 0.00	98.66 7.04 0.00	201.17 15.01 -10.85	283.78 25.32 -6.00	879.94 67.02 -178.30	2629.08 12.71 -2483.94	2234.05 39.05 -1801.97	261.50 19.79 -43.51	213.64 15.25 -27.92	223.96 17.54 0.00	98.25 7.00 0.00	96.05 5.23 0.00	60.98 3.37 0.00

RAVENSWOOD_GT2_3 24246	51.08 3.15 0.00	47.07 3.33 0.00	41.83 2.76 0.00	40.60 2.68 -0.12	41.33 2.65 0.00	44.87 2.82 -0.03	52.94 2.93 0.00	55.69 3.01 0.00	56.94 2.87 0.00	55.23 3.19 0.00	62.06 3.68 0.00	64.15 4.32 0.00	98.73 7.11 0.00	201.28 15.12 -10.85	284.01 25.55 -6.00	880.49 67.57 -178.30	2629.21 12.84 -2483.94	2234.35 39.35 -1801.97	261.63 19.92 -43.51	213.75 15.36 -27.92	224.11 17.68 0.00	98.28 7.03 0.00	96.11 5.30 0.00	61.01 3.40 0.00
RAVENSWOOD_GT2_4 24247	51.08 3.15 0.00	47.07 3.33 0.00	41.83 2.76 0.00	40.60 2.68 -0.12	41.33 2.65 0.00	44.87 2.82 -0.03	52.94 2.93 0.00	55.69 3.01 0.00	56.94 2.87 0.00	55.23 3.19 0.00	62.06 3.68 0.00	64.15 4.32 0.00	98.73 7.11 0.00	201.28 15.12 -10.85	284.01 25.55 -6.00	880.49 67.57 -178.30	2629.21 12.84 -2483.94	2234.35 39.35 -1801.97	261.63 19.92 -43.51	213.75 15.36 -27.92	224.11 17.68 0.00	98.28 7.03 0.00	96.11 5.30 0.00	61.01 3.40 0.00
RAVENSWOOD_GT3_1 24248	51.05 3.12 0.00	47.05 3.31 0.00	41.82 2.74 0.00	40.59 2.67 -0.12	41.31 2.63 0.00	44.85 2.80 -0.03	52.91 2.91 0.00	55.65 2.97 0.00	56.92 2.84 0.00	55.19 3.16 0.00	62.02 3.64 0.00	64.10 4.27 0.00	98.67 7.04 0.00	201.17 15.01 -10.85	283.80 25.34 -6.00	879.99 67.07 -178.30	2629.12 12.74 -2483.94	2234.12 39.12 -1801.97	261.50 19.79 -43.51	213.64 15.25 -27.92	223.96 17.54 0.00	98.26 7.01 0.00	96.05 5.23 0.00	60.98 3.37 0.00
RAVENSWOOD_GT3_2 24249	51.05 3.12 0.00	47.05 3.31 0.00	41.82 2.74 0.00	40.59 2.67 -0.12	41.31 2.63 0.00	44.85 2.80 -0.03	52.91 2.91 0.00	55.65 2.97 0.00	56.92 2.84 0.00	55.19 3.16 0.00	62.02 3.64 0.00	64.10 4.27 0.00	98.67 7.04 0.00	201.17 15.01 -10.85	283.80 25.34 -6.00	879.99 67.07 -178.30	2629.12 12.74 -2483.94	2234.12 39.12 -1801.97	261.50 19.79 -43.51	213.64 15.25 -27.92	223.96 17.54 0.00	98.26 7.01 0.00	96.05 5.23 0.00	60.98 3.37 0.00
RAVENSWOOD_GT3_3 24250	51.15 3.22 0.00	47.14 3.41 0.00	41.90 2.82 0.00	40.67 2.75 -0.12	41.38 2.71 0.00	44.93 2.88 -0.03	53.03 3.02 0.00	55.78 3.09 0.00	57.04 2.96 0.00	55.31 3.28 0.00	62.17 3.80 0.00	64.28 4.44 0.00	98.91 7.29 0.00	201.63 15.47 -10.85	284.52 26.06 -6.00	881.76 68.84 -178.30	2629.48 13.11 -2483.94	2235.10 40.10 -1801.97	261.97 20.25 -43.51	214.07 15.68 -27.92	224.49 18.06 0.00	98.46 7.21 0.00	96.26 5.45 0.00	61.10 3.50 0.00
RAVENSWOOD_GT3_4 24251	51.15 3.22 0.00	47.14 3.41 0.00	41.90 2.82 0.00	40.67 2.75 -0.12	41.38 2.71 0.00	44.93 2.88 -0.03	53.03 3.02 0.00	55.78 3.09 0.00	57.04 2.96 0.00	55.31 3.28 0.00	62.17 3.80 0.00	64.28 4.44 0.00	98.91 7.29 0.00	201.63 15.47 -10.85	284.52 26.06 -6.00	881.76 68.84 -178.30	2629.48 13.11 -2483.94	2235.10 40.10 -1801.97	261.97 20.25 -43.51	214.07 15.68 -27.92	224.49 18.06 0.00	98.46 7.21 0.00	96.26 5.45 0.00	61.10 3.50 0.00
RAVENSWOOD_GT_1 23729	51.10 3.17 0.00	47.13 3.40 0.00	41.91 2.83 0.00	40.68 2.76 -0.12	41.39 2.72 0.00	44.95 2.90 -0.03	52.96 2.95 0.00	55.71 3.02 0.00	56.98 2.90 0.00	55.29 3.25 0.00	62.10 3.72 0.00	64.16 4.33 0.00	98.67 7.04 0.00	201.01 14.86 -10.85	283.66 25.20 -6.00	911.47 66.70 -210.15	2732.08 12.31 -2587.34	2279.50 37.60 -1848.88	260.84 19.13 -43.51	213.23 14.84 -27.92	223.68 17.25 0.00	98.09 6.85 0.00	95.85 5.04 0.00	60.96 3.36 0.00
RAVENSWOOD_GT_10 24258	51.05 3.12 0.00	47.05 3.31 0.00	41.82 2.74 0.00	40.59 2.67 -0.12	41.31 2.63 0.00	44.84 2.79 -0.03	52.90 2.90 0.00	55.65 2.97 0.00	56.92 2.84 0.00	55.19 3.16 0.00	62.02 3.64 0.00	64.11 4.27 0.00	98.67 7.04 0.00	201.22 15.06 -10.85	283.87 25.41 -6.00	883.86 67.13 -182.11	2641.55 12.81 -2496.31	2239.53 39.12 -1807.38	261.52 19.81 -43.51	213.70 15.31 -27.92	224.01 17.58 0.00	98.26 7.01 0.00	96.05 5.24 0.00	60.98 3.38 0.00
RAVENSWOOD_GT_11 24259	51.05 3.12 0.00	47.05 3.31 0.00	41.82 2.74 0.00	40.59 2.67 -0.12	41.31 2.63 0.00	44.84 2.79 -0.03	52.90 2.90 0.00	55.65 2.97 0.00	56.92 2.84 0.00	55.19 3.16 0.00	62.02 3.64 0.00	64.11 4.27 0.00	98.67 7.04 0.00	201.22 15.06 -10.85	283.87 25.41 -6.00	883.86 67.13 -182.11	2641.55 12.81 -2496.31	2239.53 39.12 -1807.38	261.52 19.81 -43.51	213.70 15.31 -27.92	224.01 17.58 0.00	98.26 7.01 0.00	96.05 5.24 0.00	60.98 3.38 0.00
RAVENSWOOD_GT_4 24252	51.06 3.13 0.00	47.05 3.32 0.00	41.80 2.73 0.00	40.59 2.66 -0.12	41.30 2.62 0.00	44.84 2.79 -0.03	52.92 2.92 0.00	55.66 2.97 0.00	56.92 2.84 0.00	55.18 3.15 0.00	62.02 3.64 0.00	64.12 4.29 0.00	98.68 7.05 0.00	201.24 15.09 -10.85	283.97 25.51 -6.00	901.89 67.44 -199.84	2699.53 12.94 -2554.16	2270.23 39.51 -1837.69	261.70 19.98 -43.51	213.77 15.38 -27.92	224.08 17.65 0.00	98.29 7.04 0.00	96.12 5.30 0.00	61.00 3.39 0.00
RAVENSWOOD_GT_5 24254	51.06 3.13 0.00	47.05 3.32 0.00	41.80 2.73 0.00	40.59 2.66 -0.12	41.30 2.62 0.00	44.84 2.79 -0.03	52.92 2.92 0.00	55.66 2.97 0.00	56.92 2.84 0.00	55.18 3.15 0.00	62.02 3.64 0.00	64.12 4.29 0.00	98.68 7.05 0.00	201.24 15.09 -10.85	283.97 25.51 -6.00	901.89 67.44 -199.84	2699.53 12.94 -2554.16	2270.23 39.51 -1837.69	261.70 19.98 -43.51	213.77 15.38 -27.92	224.08 17.65 0.00	98.29 7.04 0.00	96.12 5.30 0.00	61.00 3.39 0.00
RAVENSWOOD_GT_6 24253	51.06 3.13 0.00	47.05 3.32 0.00	41.80 2.73 0.00	40.59 2.66 -0.12	41.30 2.62 0.00	44.84 2.79 -0.03	52.92 2.92 0.00	55.66 2.97 0.00	56.92 2.84 0.00	55.18 3.15 0.00	62.02 3.64 0.00	64.12 4.29 0.00	98.68 7.05 0.00	201.24 15.09 -10.85	283.97 25.51 -6.00	901.89 67.44 -199.84	2699.53 12.94 -2554.16	2270.23 39.51 -1837.69	261.70 19.98 -43.51	213.77 15.38 -27.92	224.08 17.65 0.00	98.29 7.04 0.00	96.12 5.30 0.00	61.00 3.39 0.00
RAVENSWOOD_GT_7 24255	51.06 3.13 0.00	47.05 3.32 0.00	41.80 2.73 0.00	40.59 2.66 -0.12	41.30 2.62 0.00	44.84 2.79 -0.03	52.92 2.92 0.00	55.66 2.97 0.00	56.92 2.84 0.00	55.18 3.15 0.00	62.02 3.64 0.00	64.12 4.29 0.00	98.68 7.05 0.00	201.24 15.09 -10.85	283.97 25.51 -6.00	901.89 67.44 -199.84	2699.53 12.94 -2554.16	2270.23 39.51 -1837.69	261.70 19.98 -43.51	213.77 15.38 -27.92	224.08 17.65 0.00	98.29 7.04 0.00	96.12 5.30 0.00	61.00 3.39 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	51.05 3.12 0.00	47.05 3.31 0.00	41.82 2.74 0.00	40.59 2.67 -0.12	41.31 2.63 0.00	44.84 2.79 -0.03	52.90 2.90 0.00	55.65 2.97 0.00	56.92 2.84 0.00	55.19 3.16 0.00	62.02 3.64 0.00	64.11 4.27 0.00	98.67 7.04 0.00	201.22 15.06 -10.85	283.87 25.41 -6.00	883.86 67.13 -182.11	2641.55 12.81 -2496.31	2239.53 39.12 -1807.38	261.52 19.81 -43.51	213.70 15.31 -27.92	224.01 17.58 0.00	98.26 7.01 0.00	96.05 5.24 0.00	60.98 3.38 0.00
RAVENSWOOD_GT_9 24257	51.05 3.12 0.00	47.05 3.31 0.00	41.82 2.74 0.00	40.59 2.67 -0.12	41.31 2.63 0.00	44.84 2.79 -0.03	52.90 2.90 0.00	55.65 2.97 0.00	56.92 2.84 0.00	55.19 3.16 0.00	62.02 3.64 0.00	64.11 4.27 0.00	98.67 7.04 0.00	201.22 15.06 -10.85	283.87 25.41 -6.00	883.86 67.13 -182.11	2641.55 12.81 -2496.31	2239.53 39.12 -1807.38	261.52 19.81 -43.51	213.70 15.31 -27.92	224.01 17.58 0.00	98.26 7.01 0.00	96.05 5.24 0.00	60.98 3.38 0.00

RAVENSWOOD___1 23533	51.07 3.13 0.00	47.09 3.36 0.00	41.87 2.79 0.00	40.66 2.74 -0.12	41.38 2.70 0.00	44.91 2.86 -0.03	52.93 2.92 0.00	55.68 3.00 0.00	56.95 2.87 0.00	55.26 3.22 0.00	62.06 3.68 0.00	64.12 4.28 0.00	98.65 7.02 0.00	200.90 14.75 -10.85	283.45 24.99 -6.00	881.32 66.44 -180.26	2624.04 12.22 -2479.38	2232.55 37.56 -1801.96	260.82 19.10 -43.51	213.16 14.77 -27.92	223.61 17.18 0.00	98.08 6.83 0.00	95.82 5.00 0.00	60.94 3.33 0.00
RAVENSWOOD___2 23534	51.03 3.10 0.00	47.06 3.32 0.00	41.84 2.77 0.00	40.63 2.71 -0.12	41.35 2.68 0.00	44.88 2.83 -0.03	52.89 2.89 0.00	55.65 2.96 0.00	56.93 2.86 0.00	55.23 3.19 0.00	62.03 3.65 0.00	64.10 4.27 0.00	98.57 6.94 0.00	200.81 14.66 -10.85	283.33 24.86 -6.00	851.49 66.07 -150.80	2517.56 12.18 -2372.95	2186.14 37.34 -1755.77	260.73 19.02 -43.51	213.15 14.76 -27.92	223.51 17.09 0.00	98.02 6.77 0.00	95.79 4.97 0.00	60.90 3.29 0.00
RAVENSWOOD___3 23535	51.05 3.12 0.00	47.05 3.32 0.00	41.82 2.74 0.00	40.59 2.67 -0.12	41.31 2.64 0.00	44.85 2.79 -0.03	52.91 2.91 0.00	55.65 2.97 0.00	56.92 2.85 0.00	55.19 3.15 0.00	62.02 3.64 0.00	64.10 4.27 0.00	98.65 7.03 0.00	201.13 14.98 -10.85	283.84 25.37 -6.00	880.22 67.30 -178.30	2629.10 12.73 -2483.94	2234.06 39.06 -1801.97	261.54 19.82 -43.51	213.67 15.28 -27.92	223.94 17.51 0.00	98.27 7.02 0.00	96.05 5.24 0.00	60.97 3.37 0.00
RAVENSWOOD___4 23820	51.03 3.10 0.00	47.06 3.32 0.00	41.84 2.77 0.00	40.63 2.71 -0.12	41.35 2.68 0.00	44.88 2.83 -0.03	52.89 2.89 0.00	55.65 2.96 0.00	56.93 2.86 0.00	55.23 3.19 0.00	62.03 3.65 0.00	64.10 4.27 0.00	98.57 6.94 0.00	200.81 14.66 -10.85	283.33 24.86 -6.00	851.49 66.07 -150.80	2517.56 12.18 -2372.95	2186.14 37.34 -1755.77	260.73 19.02 -43.51	213.15 14.76 -27.92	223.51 17.09 0.00	98.02 6.77 0.00	95.79 4.97 0.00	60.90 3.29 0.00
RCPL_TRUST___DRP 24196	51.07 3.13 0.00	47.07 3.33 0.00	41.82 2.74 0.00	40.59 2.67 -0.12	41.31 2.63 0.00	44.85 2.80 -0.03	52.95 2.95 0.00	55.70 3.02 0.00	56.98 2.90 0.00	55.25 3.21 0.00	62.10 3.72 0.00	64.22 4.39 0.00	98.85 7.23 0.00	201.59 15.44 -10.84	284.37 25.93 -5.97	881.37 68.43 -178.32	2631.45 13.05 -2485.97	2236.59 39.71 -1803.86	261.81 20.05 -43.56	213.95 15.48 -27.99	224.19 17.76 0.00	98.35 7.10 0.00	96.13 5.32 0.00	61.01 3.40 0.00
RED___ROCHESTER 323720	49.15 1.22 0.00	44.30 0.57 0.00	38.92 -0.15 0.00	37.67 -0.13 0.00	38.65 -0.03 0.00	42.27 0.25 0.00	50.23 0.23 0.00	52.70 0.01 0.00	54.28 0.21 0.00	52.53 0.50 0.00	59.82 1.44 0.00	61.72 1.88 0.00	95.05 3.42 0.00	181.15 5.85 0.00	260.81 8.34 0.00	643.96 9.34 0.00	136.29 2.23 -1.63	401.82 8.79 0.00	202.25 3.89 -0.15	174.99 4.52 0.00	210.73 4.30 0.00	92.69 1.44 0.00	92.35 1.53 0.00	58.88 1.28 0.00
REGAN___SOLAR 323812	51.54 3.60 0.00	46.84 3.11 0.00	41.72 2.65 0.00	40.35 2.56 0.00	41.31 2.63 0.00	44.96 2.94 0.00	53.50 3.50 0.00	56.19 3.50 0.00	57.26 3.19 0.00	54.17 2.14 0.00	60.65 2.27 0.00	61.65 1.81 0.00	94.31 2.68 0.00	173.18 3.14 5.26	259.51 7.05 0.00	678.98 44.36 0.00	140.65 10.27 2.05	424.63 30.23 -1.37	217.98 15.38 -4.40	183.96 13.49 0.00	223.60 17.17 0.00	98.75 7.50 0.00	97.83 7.02 0.00	61.85 4.25 0.00
RENSSELAER___COGEN 23796	48.05 0.11 0.00	44.24 0.51 0.00	39.53 0.45 0.00	38.37 0.57 0.00	39.21 0.54 0.00	42.52 0.50 0.00	50.21 0.21 0.00	52.78 0.09 0.00	54.01 -0.07 0.00	52.14 0.10 0.00	58.19 -0.19 0.00	59.78 -0.06 0.00	91.45 -0.17 0.00	168.49 0.23 7.05	255.21 2.92 0.18	649.33 14.85 0.14	146.45 3.80 -10.23	420.17 11.57 -15.58	207.77 6.67 -2.90	174.91 4.44 0.00	210.59 4.17 0.00	92.48 1.23 0.00	91.47 0.65 0.00	57.85 0.25 0.00
REPUBLIC_115KV_BARTNBRK 55605	53.05 5.12 0.00	49.58 5.85 0.00	44.13 5.06 0.00	42.87 5.07 0.00	44.04 5.37 0.00	47.98 5.95 0.00	57.11 7.11 0.00	59.15 6.46 0.00	60.13 6.05 0.00	57.88 5.84 0.00	64.97 6.59 0.00	65.53 5.70 0.00	99.87 8.25 0.00	182.58 15.10 7.84	282.45 30.15 0.17	722.44 87.95 0.13	160.12 18.21 -9.48	477.91 70.66 -14.22	242.53 39.81 -4.52	200.35 29.88 0.00	239.71 33.28 0.00	104.96 13.70 0.00	101.95 11.14 0.00	64.68 7.08 0.00
REVERE_CPPR_DRP 24186	50.20 2.27 0.00	45.77 2.04 0.00	40.65 1.57 0.00	39.26 1.47 0.00	40.29 1.62 0.00	43.81 1.78 0.00	52.20 2.20 0.00	54.93 2.24 0.00	56.15 2.08 0.00	54.24 2.20 0.00	61.03 2.65 0.00	62.43 2.60 0.00	95.17 3.54 0.00	183.40 8.09 0.00	264.83 12.37 0.00	660.46 25.84 0.00	138.99 5.83 -0.73	411.56 18.53 0.00	208.14 9.93 0.00	180.04 9.57 0.00	218.30 11.87 0.00	96.24 4.99 0.00	95.25 4.44 0.00	60.02 2.42 0.00
REYNLDPA_13_KV_LD 356490	48.16 0.23 0.00	43.78 0.05 0.00	39.23 0.16 0.00	37.85 0.06 0.00	38.75 0.08 0.00	42.16 0.13 0.00	50.61 0.61 0.00	53.37 0.68 0.00	54.88 0.80 0.00	52.63 0.60 0.00	59.13 0.75 0.00	60.34 0.51 0.00	92.28 0.66 0.00	175.64 0.34 0.00	248.56 -3.91 0.00	620.68 -13.94 0.00	128.66 -3.77 0.00	379.60 -13.43 0.00	190.98 -7.23 0.00	164.99 -5.47 0.00	201.45 -4.98 0.00	89.68 -1.57 0.00	89.91 -0.91 0.00	57.38 -0.22 0.00
REYNOLDS_115KV_TB3 80639	48.56 0.62 0.00	44.71 0.98 0.00	39.93 0.86 0.00	38.75 0.95 0.00	39.61 0.93 0.00	42.95 0.92 0.00	50.71 0.71 0.00	53.30 0.61 0.00	54.55 0.48 0.00	52.70 0.67 0.00	58.81 0.44 0.00	60.40 0.56 0.00	92.38 0.75 0.00	168.38 1.71 8.64	257.35 5.07 0.19	655.31 20.83 0.15	148.41 5.04 -10.93	425.38 15.31 -17.05	210.41 9.07 -3.14	176.77 6.30 0.00	212.81 6.38 0.00	93.40 2.14 0.00	92.39 1.58 0.00	58.42 0.81 0.00
RIVERBAY____ 323610	52.69 4.76 0.00	48.52 4.78 0.00	43.19 4.11 0.00	41.96 4.04 -0.12	42.72 4.04 0.00	46.43 4.38 -0.03	54.76 4.76 0.00	57.59 4.90 0.00	58.88 4.81 0.00	57.02 4.98 0.00	64.02 5.65 0.00	66.40 6.56 0.00	101.86 10.23 0.00	207.05 20.90 -10.85	292.28 33.81 -6.00	900.34 87.10 -178.63	2632.82 17.40 -2482.99	2247.40 52.40 -1801.96	268.09 26.38 -43.51	219.33 20.94 -27.92	230.93 24.51 0.00	101.08 9.83 0.00	98.85 8.04 0.00	62.80 5.20 0.00
RIVERSDE_115KV_TB3 55908	48.45 0.52 0.00	44.59 0.85 0.00	39.84 0.76 0.00	38.66 0.87 0.00	39.52 0.84 0.00	42.85 0.83 0.00	50.61 0.60 0.00	53.20 0.52 0.00	54.45 0.37 0.00	52.60 0.56 0.00	58.72 0.34 0.00	60.34 0.50 0.00	92.30 0.68 0.00	169.11 1.68 7.88	257.31 5.03 0.19	654.89 20.42 0.14	147.95 4.94 -10.57	424.16 14.90 -16.23	209.84 8.49 -3.15	176.38 5.91 0.00	212.33 5.90 0.00	93.21 1.96 0.00	92.15 1.34 0.00	58.27 0.67 0.00
ROARING___BROOK_WT_PWR 323790	47.61 -0.33 0.00	43.28 -0.45 0.00	38.69 -0.38 0.00	37.57 -0.23 0.00	38.44 -0.24 0.00	41.62 -0.41 0.00	49.66 -0.34 0.00	52.31 -0.38 0.00	53.54 -0.53 0.00	51.58 -0.45 0.00	57.81 -0.56 0.00	59.17 -0.67 0.00	90.44 -1.18 0.00	172.81 -2.49 0.00	248.33 -4.14 0.00	624.73 -9.89 0.00	130.38 -2.05 0.00	386.85 -6.18 0.00	195.52 -2.68 0.00	168.23 -2.24 0.00	204.41 -2.02 0.00	90.43 -0.82 0.00	90.15 -0.67 0.00	57.08 -0.52 0.00

ROCHESRG_115KV_T4 355643	48.43 0.50 0.00	43.69 -0.05 0.00	38.39 -0.69 0.00	37.16 -0.63 0.00	38.13 -0.55 0.00	41.70 -0.33 0.00	49.52 -0.48 0.00	51.90 -0.79 0.00	53.41 -0.67 0.00	51.56 -0.45 0.02	58.73 0.36 0.00	60.57 0.73 0.00	93.30 1.68 0.00	177.86 2.55 0.00	256.23 3.76 0.00	632.35 -2.27 0.00	133.58 -0.31 -1.46	393.11 1.04 0.96	198.18 0.05 0.08	171.58 1.11 0.00	206.89 0.46 0.00	91.08 -0.17 0.00	90.72 -0.10 0.00	57.95 0.35 0.00
ROCHESTER_9_IC 23652	48.80 0.87 0.00	44.00 0.27 0.00	38.67 -0.41 0.00	37.43 -0.37 0.00	38.40 -0.27 0.00	41.99 -0.03 0.00	49.90 -0.11 0.00	52.31 -0.38 0.00	53.87 -0.21 0.00	52.07 0.04 0.00	59.31 0.93 0.00	61.16 1.32 0.00	94.21 2.59 0.00	179.59 4.29 0.00	258.63 6.16 0.00	638.60 3.98 0.00	135.06 1.00 -1.63	398.03 5.00 0.00	200.40 2.05 -0.15	173.30 2.83 0.00	208.86 2.43 0.00	91.93 0.68 0.00	91.54 0.72 0.00	58.42 0.82 0.00
ROCKVIEW_13_KV_LD 356306	51.16 3.22 0.00	47.11 3.38 0.00	41.85 2.77 0.00	40.64 2.72 -0.12	41.37 2.69 0.00	44.90 2.84 -0.03	52.98 2.98 0.00	55.68 2.99 0.00	56.92 2.84 0.00	55.19 3.16 0.00	62.07 3.69 0.00	64.18 4.34 0.00	98.77 7.14 0.00	201.42 15.27 -10.85	284.37 25.91 -5.99	881.96 68.83 -178.51	2631.03 13.51 -2485.09	2236.89 41.41 -1802.45	262.74 21.02 -43.52	214.63 16.23 -27.94	224.91 18.48 0.00	98.66 7.41 0.00	96.45 5.63 0.00	61.12 3.52 0.00
ROME____115KV_TB2 80656	50.20 2.27 0.00	45.77 2.04 0.00	40.65 1.57 0.00	39.26 1.47 0.00	40.29 1.62 0.00	43.81 1.78 0.00	52.20 2.20 0.00	54.93 2.24 0.00	56.15 2.08 0.00	54.24 2.20 0.00	61.03 2.65 0.00	62.43 2.60 0.00	95.17 3.54 0.00	183.40 8.09 0.00	264.83 12.37 0.00	660.46 25.84 0.00	138.99 5.83 -0.73	411.56 18.53 0.00	208.14 9.93 0.00	180.04 9.57 0.00	218.30 11.87 0.00	96.24 4.99 0.00	95.25 4.44 0.00	60.02 2.42 0.00
ROSETON___1 23587	49.96 2.03 0.00	45.99 2.26 0.00	40.93 1.86 0.00	39.66 1.87 0.00	40.52 1.84 0.00	43.96 1.94 0.00	51.91 1.90 0.00	54.50 1.82 0.00	55.72 1.64 0.00	53.91 1.87 0.00	60.46 2.08 0.00	62.38 2.54 0.00	95.85 4.22 0.00	194.62 9.17 -10.16	268.92 16.46 0.00	683.04 48.42 0.00	125.70 9.80 16.53	453.01 30.83 -29.16	216.97 15.99 -2.77	182.68 12.21 0.00	219.95 13.52 0.00	96.54 5.29 0.00	94.80 3.99 0.00	60.06 2.46 0.00
ROSETON___2 23588	49.96 2.03 0.00	45.99 2.26 0.00	40.93 1.86 0.00	39.66 1.87 0.00	40.52 1.84 0.00	43.96 1.94 0.00	51.91 1.90 0.00	54.50 1.82 0.00	55.72 1.64 0.00	53.91 1.87 0.00	60.46 2.08 0.00	62.38 2.54 0.00	95.85 4.22 0.00	194.62 9.17 -10.16	268.92 16.46 0.00	683.04 48.42 0.00	125.70 9.80 16.53	453.01 30.83 -29.16	216.97 15.99 -2.77	182.68 12.21 0.00	219.95 13.52 0.00	96.54 5.29 0.00	94.80 3.99 0.00	60.06 2.46 0.00
ROTTRDAM_115KV_TB3 80664	49.25 1.31 0.00	45.17 1.44 0.00	40.32 1.24 0.00	39.06 1.27 0.00	39.95 1.28 0.00	43.39 1.37 0.00	51.38 1.38 0.00	54.00 1.31 0.00	55.31 1.23 0.00	53.29 1.26 0.00	59.65 1.27 0.00	61.21 1.38 0.00	93.62 1.99 0.00	173.20 3.94 6.05	259.91 7.60 0.16	660.15 25.65 0.12	146.91 5.76 -8.72	423.66 17.99 -12.64	212.85 9.88 -4.76	178.12 7.65 0.00	214.94 8.51 0.00	94.57 3.32 0.00	93.60 2.78 0.00	59.25 1.64 0.00
RUSSELL___1 23602	49.14 1.21 0.00	44.30 0.56 0.00	38.92 -0.16 0.00	37.67 -0.13 0.00	38.65 -0.02 0.00	42.26 0.24 0.00	50.23 0.23 0.00	52.68 0.00 0.00	54.29 0.22 0.00	52.51 0.48 0.00	59.81 1.43 0.00	61.69 1.86 0.00	95.04 3.42 0.00	181.14 5.83 0.00	260.82 8.35 0.00	644.10 9.48 0.00	136.26 2.20 -1.63	401.79 8.76 0.00	202.26 3.91 -0.15	175.00 4.53 0.00	210.74 4.32 0.00	92.71 1.45 0.00	92.33 1.52 0.00	58.89 1.28 0.00
RUSSELL___2 23532	49.14 1.21 0.00	44.30 0.56 0.00	38.92 -0.16 0.00	37.67 -0.13 0.00	38.65 -0.02 0.00	42.26 0.24 0.00	50.23 0.23 0.00	52.68 0.00 0.00	54.29 0.22 0.00	52.51 0.48 0.00	59.81 1.43 0.00	61.69 1.86 0.00	95.04 3.42 0.00	181.14 5.83 0.00	260.82 8.35 0.00	644.10 9.48 0.00	136.26 2.20 -1.63	401.79 8.76 0.00	202.26 3.91 -0.15	175.00 4.53 0.00	210.74 4.32 0.00	92.71 1.45 0.00	92.33 1.52 0.00	58.89 1.28 0.00
RUSSELL___3 23549	49.14 1.21 0.00	44.30 0.56 0.00	38.92 -0.16 0.00	37.67 -0.13 0.00	38.65 -0.02 0.00	42.26 0.24 0.00	50.23 0.23 0.00	52.68 0.00 0.00	54.29 0.22 0.00	52.51 0.48 0.00	59.81 1.43 0.00	61.69 1.86 0.00	95.04 3.42 0.00	181.14 5.83 0.00	260.82 8.35 0.00	644.10 9.48 0.00	136.26 2.20 -1.63	401.79 8.76 0.00	202.26 3.91 -0.15	175.00 4.53 0.00	210.74 4.32 0.00	92.71 1.45 0.00	92.33 1.52 0.00	58.89 1.28 0.00
RUSSELL___4 23556	49.14 1.21 0.00	44.30 0.56 0.00	38.92 -0.16 0.00	37.67 -0.13 0.00	38.65 -0.02 0.00	42.26 0.24 0.00	50.23 0.23 0.00	52.68 0.00 0.00	54.29 0.22 0.00	52.51 0.48 0.00	59.81 1.43 0.00	61.69 1.86 0.00	95.04 3.42 0.00	181.14 5.83 0.00	260.82 8.35 0.00	644.10 9.48 0.00	136.26 2.20 -1.63	401.79 8.76 0.00	202.26 3.91 -0.15	175.00 4.53 0.00	210.74 4.32 0.00	92.71 1.45 0.00	92.33 1.52 0.00	58.89 1.28 0.00
RUSSELL___STATION 23914	49.14 1.21 0.00	44.30 0.56 0.00	38.92 -0.16 0.00	37.67 -0.13 0.00	38.65 -0.02 0.00	42.26 0.24 0.00	50.23 0.23 0.00	52.68 0.00 0.00	54.29 0.22 0.00	52.51 0.48 0.00	59.81 1.43 0.00	61.69 1.86 0.00	95.04 3.42 0.00	181.14 5.83 0.00	260.82 8.35 0.00	644.10 9.48 0.00	136.26 2.20 -1.63	401.79 8.76 0.00	202.26 3.91 -0.15	175.00 4.53 0.00	210.74 4.32 0.00	92.71 1.45 0.00	92.33 1.52 0.00	58.89 1.28 0.00
S SALMON___HYD 24043	52.63 0.51 -4.19	44.70 0.47 -0.49	39.12 0.04 0.00	37.77 -0.02 0.00	38.83 0.15 0.00	42.59 0.18 -0.38	51.39 0.21 -1.18	52.84 0.15 0.00	54.13 0.05 0.00	52.43 0.22 -0.18	64.28 0.21 -5.69	66.00 0.25 -5.92	102.20 0.35 -10.23	183.89 -0.04 -8.63	257.13 -0.66 -5.32	635.44 -8.48 -9.29	131.93 -1.54 -1.04	391.84 -1.18 0.00	197.91 -0.29 0.00	171.12 0.65 0.00	208.40 1.40 -0.57	93.94 0.23 -2.46	91.67 0.21 -0.64	58.39 -0.05 -0.84
S.PERRY__115KV_TB1 80734	48.56 0.62 0.00	44.67 0.94 0.00	39.55 0.47 0.00	38.22 0.42 0.00	39.29 0.62 0.00	43.16 1.13 0.00	51.19 1.18 0.00	52.72 0.03 0.00	53.68 -0.40 0.00	52.01 -0.57 -0.54	58.13 -0.25 0.00	59.98 0.15 0.00	92.27 0.64 0.00	178.37 3.06 0.00	257.58 5.11 0.00	621.82 -12.80 0.00	136.36 -2.39 -6.32	406.76 -11.67 -25.40	197.22 -7.04 -6.06	168.55 -1.92 0.00	206.34 -0.08 0.00	93.97 2.72 0.00	92.83 2.01 0.00	58.82 1.22 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	47.90 -0.03 0.00	42.91 -0.82 0.00	37.40 -1.68 0.00	36.21 -1.59 0.00	37.20 -1.48 0.00	40.83 -1.20 0.00	48.38 -1.63 0.00	50.34 -2.35 0.00	51.77 -2.31 0.00	49.81 -2.09 0.14	57.51 -0.87 0.00	59.52 -0.31 0.00	91.99 0.36 0.00	175.10 -0.21 0.00	252.40 -0.07 0.00	616.04 -18.58 0.00	129.97 -3.60 -1.13	379.91 -8.13 4.99	191.38 -5.63 1.19	167.08 -3.39 0.00	201.57 -4.86 0.00	88.83 -2.42 0.00	89.01 -1.80 0.00	57.39 -0.21 0.00

SAWYER___23_KV_LOAD 55526	47.90 -0.03 0.00	42.91 -0.82 0.00	37.40 -1.68 0.00	36.21 -1.59 0.00	37.20 -1.48 0.00	40.83 -1.20 0.00	48.38 -1.63 0.00	50.34 -2.35 0.00	51.77 -2.31 0.00	49.81 -2.09 0.14	57.51 -0.87 0.00	59.52 -0.31 0.00	91.99 0.36 0.00	175.10 -0.21 0.00	252.40 -0.07 0.00	616.04 -18.58 0.00	129.97 -3.60 -1.13	379.91 -8.13 4.99	191.38 -5.63 1.19	167.08 -3.39 0.00	201.57 -4.86 0.00	88.83 -2.42 0.00	89.01 -1.80 0.00	57.39 -0.21 0.00
SELKIRK___I 23801	47.94 0.01 0.00	44.61 0.87 0.00	39.89 0.82 0.00	38.70 0.90 0.00	39.57 0.89 0.00	42.95 0.92 0.00	50.71 0.71 0.00	53.30 0.62 0.00	54.49 0.42 0.00	52.36 0.33 0.00	57.86 -0.52 0.00	59.18 -0.66 0.00	90.26 -1.37 0.00	169.31 -1.96 4.04	251.95 -0.52 0.00	639.79 5.17 0.00	137.94 1.57 -3.94	407.68 5.70 -8.96	204.51 3.88 -2.43	172.91 2.44 0.00	208.25 1.83 0.00	91.57 0.32 0.00	90.68 -0.14 0.00	57.79 0.18 0.00
SELKIRK___II 23799	47.95 0.02 0.00	44.16 0.43 0.00	39.50 0.42 0.00	38.33 0.53 0.00	39.18 0.50 0.00	42.50 0.47 0.00	50.14 0.14 0.00	52.70 0.01 0.00	53.92 -0.15 0.00	52.02 -0.01 0.00	58.08 -0.29 0.00	59.67 -0.16 0.00	91.29 -0.33 0.00	170.71 0.36 4.96	255.44 3.15 0.17	648.81 14.32 0.13	145.33 3.49 -9.40	417.78 10.99 -13.76	207.06 6.39 -2.47	174.83 4.36 0.00	210.50 4.08 0.00	92.51 1.26 0.00	91.51 0.70 0.00	57.96 0.36 0.00
SENECA OSWGO___HYD 24041	53.97 -0.42 -6.46	43.96 -0.52 -0.76	38.43 -0.65 0.00	37.19 -0.61 0.00	38.11 -0.57 0.00	42.07 -0.55 -0.59	51.13 -0.69 -1.82	52.08 -0.61 0.00	53.42 -0.66 0.00	51.76 -0.55 -0.27	66.50 -0.66 -8.78	68.42 -0.54 -9.12	106.78 -0.62 -15.77	187.44 -1.17 -13.30	259.49 -1.18 -8.20	642.15 -6.80 -14.33	132.50 -1.08 -1.15	391.58 -1.45 0.00	197.58 -0.62 0.00	170.11 -0.36 0.00	206.48 -0.84 -0.88	94.27 -0.77 -3.79	90.82 -0.99 -0.99	58.18 -0.71 -1.29
SENECA___115KV_TB3 355854	48.19 0.25 0.00	43.18 -0.55 0.00	37.66 -1.42 0.00	36.47 -1.32 0.00	37.48 -1.19 0.00	41.17 -0.85 0.00	48.84 -1.16 0.00	50.91 -1.78 0.00	52.33 -1.75 0.00	50.33 -1.55 0.16	58.09 -0.29 0.00	60.08 0.24 0.00	92.92 1.30 0.00	177.05 1.75 0.00	255.76 3.30 0.00	624.24 -10.38 0.00	131.51 -1.97 -1.05	384.17 -2.70 6.16	193.37 -3.37 1.46	169.34 -1.13 0.00	204.21 -2.22 0.00	90.04 -1.21 0.00	90.13 -0.69 0.00	57.95 0.35 0.00
SENECA___ENERGY 23797	50.05 0.32 -1.79	44.06 0.11 -0.21	38.85 -0.23 0.00	37.59 -0.21 0.00	38.54 -0.14 0.00	42.28 0.09 -0.16	50.58 0.08 -0.50	52.55 -0.14 0.00	54.01 -0.06 0.00	52.17 0.02 -0.11	61.24 0.43 -2.44	63.05 0.68 -2.53	97.37 1.37 -4.38	181.82 2.82 -3.69	260.30 5.55 -2.28	643.30 4.70 -3.98	135.61 1.07 -2.11	402.19 6.47 -2.69	201.83 2.99 -0.64	174.10 3.63 0.00	210.22 3.55 -0.25	93.48 1.17 -1.05	92.09 1.00 -0.27	58.44 0.48 -0.36
SHOEMAKER___GT 23640	50.08 2.14 0.00	46.02 2.29 0.00	40.95 1.87 0.00	39.66 1.87 0.01	40.54 1.86 0.00	44.00 1.98 0.00	51.97 1.96 0.00	54.57 1.88 0.00	55.81 1.74 0.00	53.94 1.90 0.00	60.49 2.12 0.00	62.47 2.64 0.00	96.05 4.43 0.00	194.37 9.52 -9.55	271.79 16.90 -2.42	669.62 47.49 12.48	-191.71 9.83 333.97	107.61 32.16 317.58	196.38 16.42 18.24	150.36 12.49 32.60	220.14 13.72 0.00	96.66 5.41 0.00	94.98 4.16 0.00	60.14 2.53 0.00
SHOEMAKR_138KV_BK 111 55601	50.06 2.12 0.00	46.01 2.28 0.00	40.93 1.86 0.00	39.66 1.87 0.01	40.53 1.85 0.00	43.98 1.96 0.00	51.94 1.94 0.00	54.56 1.87 0.00	55.79 1.71 0.00	53.96 1.92 0.00	60.53 2.16 0.00	62.51 2.67 0.00	96.09 4.47 0.00	194.40 9.63 -9.47	271.80 17.01 -2.32	670.55 47.75 11.83	-178.57 9.83 320.84	119.12 31.79 305.70	197.01 16.27 17.47	151.38 12.32 31.41	220.01 13.58 0.00	96.60 5.34 0.00	94.91 4.09 0.00	60.10 2.49 0.00
SHOREHAM_IC_1 23715	50.93 3.00 0.00	47.16 3.42 0.00	41.56 2.49 0.00	40.08 2.16 -0.12	40.74 2.06 0.00	44.07 2.02 -0.03	51.68 1.68 0.00	53.95 1.26 0.00	50.61 0.94 4.41	29.71 1.51 23.84	47.37 1.78 12.79	51.68 2.39 10.54	90.10 4.25 5.77	179.21 9.72 5.82	255.64 18.62 15.45	591.12 43.80 87.30	686.77 5.58 -548.76	1462.35 16.76 -1052.56	254.46 13.29 -42.97	181.67 12.21 1.01	132.87 12.64 86.19	31.12 5.16 65.29	93.74 2.18 -0.74	28.87 1.95 30.69
SHOREHAM_IC_2 23716	50.93 3.00 0.00	47.16 3.42 0.00	41.56 2.49 0.00	40.08 2.16 -0.12	40.73 2.06 0.00	44.07 2.02 -0.03	51.68 1.68 0.00	53.97 1.28 0.00	50.60 0.93 4.41	29.75 1.56 23.84	47.37 1.78 12.79	51.69 2.40 10.54	90.10 4.25 5.77	179.19 9.70 5.82	255.66 18.64 15.45	590.88 43.56 87.30	686.81 5.62 -548.76	1462.26 16.67 -1052.56	254.31 13.14 -42.97	181.68 12.22 1.01	132.95 12.72 86.19	30.98 5.02 65.29	93.78 2.22 -0.74	28.95 2.03 30.69
SISSONVILLE____ 23735	48.92 0.98 0.00	44.43 0.70 0.00	39.69 0.62 0.00	38.25 0.45 0.00	39.23 0.55 0.00	42.66 0.64 0.00	51.32 1.32 0.00	54.04 1.36 0.00	55.48 1.40 0.00	53.27 1.23 0.00	59.80 1.42 0.00	60.75 0.91 0.00	92.80 1.17 0.00	176.01 0.71 0.00	249.97 -2.50 0.00	623.81 -10.81 0.00	128.44 -4.00 0.00	377.63 -15.40 0.00	188.75 -9.45 0.00	164.18 -6.29 0.00	203.16 -3.27 0.00	91.10 -0.15 0.00	91.68 0.86 0.00	58.34 0.73 0.00
SITHE_IND_GS1 24169	24.17 -1.17 22.60	39.97 -1.11 2.65	37.93 -1.15 0.00	36.73 -1.07 0.00	37.61 -1.07 0.00	38.84 -1.11 2.07	42.29 -1.35 6.36	51.32 -1.37 0.00	52.68 -1.40 0.00	49.79 -1.29 0.95	26.17 -1.46 30.74	26.49 -1.40 31.94	34.35 -2.05 55.23	124.82 -3.93 46.56	218.60 -5.14 28.73	568.47 -15.98 50.18	130.44 -2.93 -0.94	385.45 -7.58 0.00	194.57 -3.63 0.00	167.35 -3.12 0.00	199.02 -4.31 3.10	75.79 -2.19 13.27	85.11 -2.24 3.47	51.59 -1.49 4.52
SITHE_IND_GS2 24170	24.17 -1.17 22.60	39.97 -1.11 2.65	37.93 -1.15 0.00	36.73 -1.07 0.00	37.61 -1.07 0.00	38.84 -1.11 2.07	42.29 -1.35 6.36	51.32 -1.37 0.00	52.68 -1.40 0.00	49.79 -1.29 0.95	26.17 -1.46 30.74	26.49 -1.40 31.94	34.35 -2.05 55.23	124.82 -3.93 46.56	218.60 -5.14 28.73	568.47 -15.98 50.18	130.44 -2.93 -0.94	385.45 -7.58 0.00	194.57 -3.63 0.00	167.35 -3.12 0.00	199.02 -4.31 3.10	75.79 -2.19 13.27	85.11 -2.24 3.47	51.59 -1.49 4.52
SITHE_IND_GS3 24171	24.17 -1.17 22.60	39.97 -1.11 2.65	37.93 -1.15 0.00	36.73 -1.07 0.00	37.61 -1.07 0.00	38.84 -1.11 2.07	42.29 -1.35 6.36	51.32 -1.37 0.00	52.68 -1.40 0.00	49.79 -1.29 0.95	26.17 -1.46 30.74	26.49 -1.40 31.94	34.35 -2.05 55.23	124.82 -3.93 46.56	218.60 -5.14 28.73	568.47 -15.98 50.18	130.44 -2.93 -0.94	385.45 -7.58 0.00	194.57 -3.63 0.00	167.35 -3.12 0.00	199.02 -4.31 3.10	75.79 -2.19 13.27	85.11 -2.24 3.47	51.59 -1.49 4.52
SITHE_IND_GS4 24172	24.17 -1.17 22.60	39.97 -1.11 2.65	37.93 -1.15 0.00	36.73 -1.07 0.00	37.61 -1.07 0.00	38.84 -1.11 2.07	42.29 -1.35 6.36	51.32 -1.37 0.00	52.68 -1.40 0.00	49.79 -1.29 0.95	26.17 -1.46 30.74	26.49 -1.40 31.94	34.35 -2.05 55.23	124.82 -3.93 46.56	218.60 -5.14 28.73	568.47 -15.98 50.18	130.44 -2.93 -0.94	385.45 -7.58 0.00	194.57 -3.63 0.00	167.35 -3.12 0.00	199.02 -4.31 3.10	75.79 -2.19 13.27	85.11 -2.24 3.47	51.59 -1.49 4.52

SITHE___BATAVIA 24024	49.71 1.77 0.00	44.58 0.84 0.00	38.91 -0.17 0.00	37.67 -0.13 0.00	38.70 0.03 0.00	42.45 0.43 0.00	50.45 0.45 0.00	52.70 0.02 0.00	54.22 0.15 0.00	52.28 0.32 0.08	60.14 1.76 0.00	62.07 2.24 0.00	95.80 4.17 0.00	182.23 6.93 0.00	261.95 9.48 0.00	640.49 5.87 0.00	135.22 1.51 -1.28	398.05 7.67 2.65	200.53 2.96 0.63	175.13 4.66 0.00	211.12 4.69 0.00	93.00 1.75 0.00	93.06 2.24 0.00	59.64 2.03 0.00
SITHE___INDEPEND 23800	24.17 -1.17 22.60	39.97 -1.12 2.65	37.93 -1.15 0.00	36.73 -1.07 0.00	37.61 -1.07 0.00	38.84 -1.11 2.07	42.29 -1.35 6.36	51.31 -1.37 0.00	52.68 -1.40 0.00	49.79 -1.30 0.95	26.17 -1.46 30.74	26.48 -1.41 31.94	34.35 -2.05 55.23	124.78 -3.97 46.56	218.62 -5.12 28.73	568.51 -15.93 50.18	130.44 -2.93 -0.94	385.49 -7.54 0.00	194.58 -3.62 0.00	167.35 -3.12 0.00	199.02 -4.31 3.10	75.79 -2.19 13.27	85.11 -2.24 3.47	51.58 -1.50 4.52
SITHE___MASSENA 23902	48.34 0.41 0.00	43.92 0.19 0.00	39.35 0.27 0.00	37.95 0.15 0.00	38.87 0.19 0.00	42.28 0.26 0.00	50.77 0.77 0.00	53.52 0.83 0.00	55.01 0.94 0.00	52.77 0.74 0.00	59.27 0.89 0.00	60.35 0.51 0.00	92.29 0.67 0.00	175.62 0.31 0.00	250.02 -2.44 0.00	625.27 -9.35 0.00	129.44 -3.00 0.00	381.71 -11.32 0.00	191.78 -6.42 0.00	165.96 -4.51 0.00	203.18 -3.25 0.00	90.56 -0.69 0.00	90.89 0.08 0.00	57.97 0.37 0.00
SITHE___OGDNSBRG 24021	49.58 1.65 0.00	44.97 1.24 0.00	40.27 1.19 0.00	38.82 1.02 0.00	39.80 1.13 0.00	43.32 1.30 0.00	52.18 2.17 0.00	54.88 2.19 0.00	56.32 2.24 0.00	54.11 2.08 0.00	60.57 2.19 0.00	61.47 1.63 0.00	93.96 2.33 0.00	177.96 2.65 0.00	251.80 -0.67 0.00	628.80 -5.82 0.00	129.23 -3.20 0.00	381.16 -11.87 0.00	190.79 -7.41 0.00	166.86 -3.61 0.00	207.37 0.95 0.00	92.85 1.60 0.00	93.24 2.42 0.00	59.36 1.76 0.00
SITHE___STERLING 23777	49.54 1.61 0.00	45.17 1.43 0.00	40.17 1.09 0.00	38.85 1.05 0.00	39.83 1.16 0.00	43.33 1.31 0.00	51.58 1.58 0.00	54.28 1.60 0.00	55.57 1.49 0.00	53.67 1.63 0.00	60.33 1.95 0.00	61.83 1.99 0.00	94.39 2.76 0.00	181.66 6.35 0.00	263.10 10.63 0.00	656.36 21.74 0.00	138.21 4.93 -0.86	409.00 15.97 0.00	206.36 8.16 0.00	178.27 7.79 0.00	215.95 9.52 0.00	95.21 3.96 0.00	94.30 3.48 0.00	59.50 1.90 0.00
SLEIGHT__34_KV_TB1 80719	49.33 0.50 -0.90	43.89 0.04 -0.11	38.64 -0.44 0.00	37.39 -0.41 0.00	38.34 -0.34 0.00	41.97 -0.13 -0.08	50.12 -0.14 -0.25	52.36 -0.33 0.00	53.90 -0.18 0.00	51.98 -0.09 -0.04	60.12 0.51 -1.23	61.88 0.77 -1.28	95.61 1.78 -2.21	179.83 2.66 -1.86	258.70 5.09 -1.15	639.45 2.83 -2.01	134.60 0.55 -1.62	397.16 4.13 0.00	200.42 2.07 -0.15	173.14 2.67 0.00	209.09 2.54 -0.12	92.49 0.71 -0.53	91.57 0.61 -0.14	58.20 0.42 -0.18
SMITHTWN_69_KV_BK 1 55830	51.48 3.55 0.00	47.77 4.03 0.00	42.16 3.09 0.00	40.72 2.80 -0.12	41.39 2.71 0.00	44.75 2.70 -0.03	52.49 2.49 0.00	54.67 1.99 0.00	51.36 1.67 4.39	30.62 2.31 23.72	48.40 2.75 12.72	52.82 3.47 10.49	88.48 5.99 9.13	176.36 12.61 11.56	258.07 22.61 17.01	598.47 54.95 91.10	687.66 9.66 -545.57	1471.07 34.21 -1043.82	259.90 19.25 -42.44	181.21 14.06 3.32	135.68 15.00 85.75	33.00 6.02 64.27	90.87 3.29 3.23	29.60 2.52 30.53
SOUTH CAIRO___GT 23612	49.92 1.99 0.00	45.88 2.14 0.00	40.93 1.86 0.00	39.70 1.90 0.00	40.61 1.94 0.00	44.12 2.09 0.00	52.19 2.18 0.00	54.99 2.30 0.00	56.37 2.29 0.00	54.07 2.03 0.00	59.75 1.37 0.00	61.17 1.34 0.00	93.90 2.27 0.00	177.75 4.77 2.33	263.44 10.97 0.00	679.60 44.98 0.00	139.96 9.01 1.48	428.12 27.80 -7.28	216.61 15.80 -2.61	183.28 12.81 0.00	220.27 13.84 0.00	96.72 5.46 0.00	95.44 4.63 0.00	60.21 2.60 0.00
SOUTH HAMPTN___IC 23720	51.92 3.99 0.00	47.90 4.16 0.00	42.04 2.96 0.00	40.48 2.57 -0.12	41.11 2.43 0.00	44.56 2.51 -0.03	52.27 2.27 0.00	54.89 2.20 0.00	51.56 1.90 4.42	30.52 2.36 23.88	48.28 2.71 12.80	52.63 3.35 10.55	91.93 5.76 5.45	182.11 12.08 5.27	259.53 22.38 15.32	600.41 52.98 87.20	688.01 8.37 -547.21	1474.90 29.11 -1052.76	259.49 18.28 -43.01	184.03 14.37 0.81	135.24 15.14 86.32	31.90 6.29 65.63	95.02 3.30 -0.91	29.67 2.80 30.73
SOUTHDOW_115KV_TB1 355954	48.28 0.35 0.00	43.25 -0.49 0.00	38.45 -0.62 0.00	37.46 -0.34 0.00	38.45 -0.22 0.00	42.18 0.15 0.00	50.38 0.38 0.00	53.71 1.02 0.00	55.04 0.96 0.00	52.87 0.96 0.13	60.78 2.40 0.00	62.81 2.97 0.00	97.45 5.83 0.00	185.94 10.63 0.00	270.40 17.94 0.00	657.48 22.86 0.00	138.32 4.43 -1.45	400.92 12.63 4.74	200.02 2.94 1.12	175.87 5.40 0.00	212.20 5.77 0.00	93.41 2.16 0.00	93.18 2.37 0.00	59.54 1.93 0.00
SOUTHOLD_69_KV_BK 2 55809	53.06 5.12 0.00	48.61 4.87 0.00	42.34 3.26 0.00	40.66 2.74 -0.12	41.23 2.55 0.00	44.85 2.80 -0.03	52.58 2.57 0.00	55.83 3.14 0.00	52.42 2.76 4.42	31.18 3.02 23.87	48.80 3.23 12.80	53.11 3.83 10.55	92.70 6.54 5.46	182.14 12.12 5.28	259.86 22.71 15.32	595.18 47.75 87.19	687.01 7.26 -547.31	1470.68 24.87 -1052.78	260.42 19.21 -43.01	184.54 14.88 0.81	135.45 15.34 86.32	31.78 6.14 65.61	95.47 3.75 -0.91	30.44 3.56 30.73
SOUTHOLD___IC 23719	53.06 5.12 0.00	48.61 4.87 0.00	42.34 3.27 0.00	40.66 2.74 -0.12	41.23 2.56 0.00	44.85 2.80 -0.03	52.57 2.57 0.00	55.80 3.12 0.00	52.43 2.77 4.42	31.12 2.96 23.87	48.78 3.21 12.80	53.10 3.82 10.55	92.70 6.53 5.46	182.21 12.18 5.28	259.75 22.60 15.32	595.38 47.94 87.19	687.00 7.25 -547.31	1470.65 24.84 -1052.78	260.55 19.34 -43.01	184.52 14.87 0.81	135.35 15.23 86.32	32.00 6.37 65.61	95.44 3.71 -0.91	30.37 3.50 30.73
SOUTH_FORK_WT_PWR 323839	53.16 5.23 0.00	48.52 4.78 0.00	42.04 2.97 0.00	40.28 2.36 -0.12	40.80 2.12 0.00	44.49 2.44 -0.03	52.10 2.10 0.00	55.74 3.06 0.00	52.24 2.58 4.42	30.72 2.56 23.88	48.13 2.56 12.80	52.31 3.03 10.55	91.50 5.34 5.45	179.90 9.88 5.28	256.99 19.84 15.32	591.48 44.05 87.19	686.18 6.49 -547.26	1467.92 22.12 -1052.77	257.30 16.09 -43.01	181.88 12.21 0.81	132.46 12.35 86.32	30.96 5.33 65.62	94.47 2.74 -0.91	30.00 3.13 30.73
SPIERFLS_115KV_TB 1 80737	50.21 2.27 0.00	46.30 2.57 0.00	41.24 2.17 0.00	39.97 2.17 0.00	40.93 2.25 0.00	44.50 2.48 0.00	52.73 2.72 0.00	55.32 2.64 0.00	56.67 2.60 0.00	54.56 2.53 0.00	60.75 2.38 0.00	62.19 2.35 0.00	94.82 3.19 0.00	173.42 5.95 7.84	264.19 11.89 0.17	675.65 41.16 0.13	151.00 9.09 -9.48	437.58 30.34 -14.22	220.80 18.08 -4.52	184.15 13.68 0.00	222.04 15.62 0.00	97.42 6.17 0.00	95.97 5.15 0.00	60.57 2.97 0.00
ST LAWRENCE____ 23600	47.63 -0.31 0.00	43.30 -0.44 0.00	38.80 -0.27 0.00	37.43 -0.36 0.00	38.32 -0.36 0.00	41.68 -0.34 0.00	49.97 -0.03 0.00	52.73 0.04 0.00	54.22 0.14 0.00	52.00 -0.04 0.00	58.41 0.03 0.00	59.63 -0.21 0.00	91.18 -0.44 0.00	173.90 -1.41 0.00	247.84 -4.63 0.00	620.44 -14.18 0.00	128.72 -3.72 0.00	379.71 -13.32 0.00	191.09 -7.11 0.00	165.06 -5.41 0.00	201.32 -5.11 0.00	89.59 -1.66 0.00	89.78 -1.04 0.00	57.19 -0.41 0.00

STATE_CA_115KV_115_LB 55624	48.63 0.70 0.00	44.71 0.98 0.00	39.95 0.87 0.00	38.77 0.97 0.00	39.63 0.95 0.00	42.96 0.94 0.00	50.79 0.79 0.00	53.40 0.71 0.00	54.67 0.59 0.00	52.81 0.77 0.00	59.00 0.62 0.00	60.64 0.80 0.00	92.76 1.14 0.00	170.75 2.74 7.29	258.87 6.59 0.18	658.73 24.25 0.14	148.19 5.61 -10.15	425.19 16.79 -15.37	210.65 9.09 -3.37	176.94 6.47 0.00	213.00 6.58 0.00	93.54 2.29 0.00	92.46 1.64 0.00	58.44 0.84 0.00
STATE_ST_34_KV_LOAD 55959	50.53 0.60 -2.00	44.47 0.51 -0.23	39.31 0.24 0.00	38.07 0.28 0.00	39.00 0.32 0.00	42.67 0.46 -0.18	51.12 0.56 -0.56	53.15 0.46 0.00	54.62 0.55 0.00	52.76 0.62 -0.11	61.77 0.68 -2.71	63.32 0.66 -2.82	98.11 1.61 -4.88	181.94 2.53 -4.11	260.99 5.99 -2.54	650.69 11.64 -4.43	136.13 1.72 -1.98	403.53 8.59 -1.91	202.95 4.29 -0.46	174.81 4.34 0.00	211.39 4.69 -0.27	94.21 1.79 -1.17	92.91 1.79 -0.31	58.73 0.73 -0.40
STATION_5_MISC_HYD 23604	48.81 0.87 0.00	44.00 0.27 0.00	38.67 -0.41 0.00	37.43 -0.37 0.00	38.40 -0.27 0.00	41.99 -0.03 0.00	49.91 -0.09 0.00	52.33 -0.36 0.00	53.86 -0.22 0.00	52.08 0.04 0.00	59.31 0.93 0.00	61.17 1.34 0.00	94.21 2.59 0.00	179.62 4.32 0.00	258.61 6.14 0.00	638.40 3.78 0.00	135.10 1.04 -1.63	397.98 4.95 0.00	200.37 2.01 -0.15	173.29 2.82 0.00	208.86 2.43 0.00	91.90 0.64 0.00	91.58 0.77 0.00	58.44 0.83 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	49.34 0.56 -0.85	43.97 0.14 -0.10	38.69 -0.38 0.00	37.45 -0.35 0.00	38.42 -0.26 0.00	42.08 -0.02 -0.08	50.18 -0.06 -0.24	52.39 -0.30 0.00	53.93 -0.14 0.00	52.07 0.00 -0.04	60.18 0.65 -1.15	61.98 0.95 -1.20	95.56 1.87 -2.07	180.42 3.37 -1.74	259.07 5.53 -1.07	640.00 3.50 -1.88	135.11 1.00 -1.68	398.68 5.65 0.00	200.87 2.52 -0.16	173.75 3.28 0.00	209.61 3.06 -0.12	92.66 0.92 -0.50	91.70 0.75 -0.13	58.37 0.59 -0.17
STA_56_34_KV_BUS2_REV_LBMP_B 345033	48.51 0.58 0.00	43.75 0.02 0.00	38.48 -0.59 0.00	37.24 -0.56 0.00	38.20 -0.48 0.00	41.76 -0.27 0.00	49.63 -0.37 0.00	52.09 -0.60 0.00	53.64 -0.45 0.00	51.83 -0.21 0.00	58.99 0.61 0.00	60.86 1.02 0.00	93.73 2.11 0.00	178.71 3.40 0.00	257.39 4.92 0.00	636.19 1.57 0.00	134.56 0.51 -1.62	396.61 3.58 0.00	199.81 1.46 -0.15	172.72 2.25 0.00	208.12 1.69 0.00	91.54 0.29 0.00	91.08 0.26 0.00	58.08 0.48 0.00
STA_56___34_KV_BUS2 355983	48.51 0.58 0.00	43.75 0.02 0.00	38.48 -0.59 0.00	37.24 -0.56 0.00	38.20 -0.48 0.00	41.76 -0.27 0.00	49.63 -0.37 0.00	52.09 -0.60 0.00	53.64 -0.45 0.00	51.83 -0.21 0.00	58.99 0.61 0.00	60.86 1.02 0.00	93.73 2.11 0.00	178.71 3.40 0.00	257.39 4.92 0.00	636.19 1.57 0.00	134.56 0.51 -1.62	396.61 3.58 0.00	199.81 1.46 -0.15	172.72 2.25 0.00	208.12 1.69 0.00	91.54 0.29 0.00	91.08 0.26 0.00	58.08 0.48 0.00
STA_67___115KV_BK2 355882	48.66 0.72 0.00	43.87 0.13 0.00	38.56 -0.52 0.00	37.32 -0.48 0.00	38.29 -0.38 0.00	41.87 -0.15 0.00	49.74 -0.26 0.00	52.15 -0.54 0.00	53.68 -0.40 0.00	51.88 -0.16 0.00	59.07 0.70 0.00	60.91 1.08 0.00	93.84 2.22 0.00	178.89 3.59 0.00	257.62 5.15 0.00	636.06 1.44 0.00	134.53 0.47 -1.63	396.43 3.40 0.00	199.58 1.23 -0.15	172.60 2.13 0.00	208.08 1.65 0.00	91.57 0.32 0.00	91.24 0.42 0.00	58.23 0.62 0.00
STA_7___115KV_9TRANS 80674	49.14 1.21 0.00	44.30 0.56 0.00	38.92 -0.16 0.00	37.67 -0.13 0.00	38.65 -0.02 0.00	42.26 0.24 0.00	50.23 0.23 0.00	52.68 0.00 0.00	54.29 0.22 0.00	52.51 0.48 0.00	59.81 1.43 0.00	61.69 1.86 0.00	95.04 3.42 0.00	181.14 5.83 0.00	260.82 8.35 0.00	644.10 9.48 0.00	136.26 2.20 -1.63	401.79 8.76 0.00	202.26 3.91 -0.15	175.00 4.53 0.00	210.74 4.32 0.00	92.71 1.45 0.00	92.33 1.52 0.00	58.89 1.28 0.00
STA_82___115KV_TB1 80780	48.67 0.73 0.00	43.89 0.15 0.00	38.58 -0.50 0.00	37.33 -0.46 0.00	38.31 -0.37 0.00	41.88 -0.14 0.00	49.77 -0.23 0.00	52.16 -0.52 0.00	53.70 -0.38 0.00	51.89 -0.15 0.00	59.09 0.71 0.00	60.93 1.09 0.00	93.87 2.24 0.00	178.93 3.62 0.00	257.81 5.34 0.00	636.11 1.49 0.00	134.55 0.48 -1.64	396.45 3.43 0.00	199.62 1.27 -0.15	172.62 2.15 0.00	208.13 1.70 0.00	91.65 0.39 0.00	91.24 0.43 0.00	58.25 0.65 0.00
STEEL___WIND 323596	48.10 0.17 0.00	43.08 -0.65 0.00	37.58 -1.50 0.00	36.40 -1.40 0.00	37.40 -1.28 0.00	41.09 -0.93 0.00	48.75 -1.25 0.00	50.80 -1.89 0.00	52.20 -1.88 0.00	50.20 -1.67 0.16	57.94 -0.44 0.00	59.95 0.12 0.00	92.68 1.05 0.00	176.60 1.30 0.00	255.11 2.65 0.00	622.65 -11.97 0.00	131.23 -2.25 -1.05	383.19 -3.69 6.16	192.84 -3.90 1.46	168.85 -1.62 0.00	203.61 -2.82 0.00	89.79 -1.46 0.00	90.00 -0.82 0.00	57.88 0.27 0.00
STEPHTWN_115KV_BK_2 55603	48.72 0.79 0.00	44.79 1.05 0.00	39.97 0.89 0.00	38.78 0.98 0.00	39.68 1.00 0.00	43.08 1.06 0.00	50.87 0.86 0.00	53.51 0.83 0.00	54.64 0.56 0.00	52.78 0.75 0.00	59.14 0.77 0.00	60.57 0.74 0.00	92.92 1.29 0.00	171.21 2.96 7.05	259.36 7.08 0.18	661.24 26.76 0.14	148.78 6.12 -10.23	427.18 18.58 -15.58	211.30 10.20 -2.90	177.94 7.47 0.00	214.07 7.65 0.00	93.86 2.61 0.00	92.84 2.02 0.00	58.59 0.99 0.00
STEUBEN_REC_LFGE 323667	48.17 0.23 0.00	43.63 -0.11 0.00	38.33 -0.74 0.00	36.97 -0.82 0.00	38.04 -0.64 0.00	42.24 0.22 0.00	50.13 0.13 0.00	52.29 -0.39 0.00	53.70 -0.38 0.00	52.13 -0.33 -0.43	58.59 0.22 0.00	60.17 0.34 0.00	93.01 1.39 0.00	180.08 4.78 0.00	263.23 10.61 -0.15	643.22 8.48 -0.11	129.07 1.68 5.04	408.01 5.44 -9.54	205.28 2.17 -4.91	174.74 4.27 0.00	212.19 5.77 0.00	94.44 3.19 0.00	93.70 2.88 0.00	59.32 1.72 0.00
STILLWATER___SOLAR 323814	50.10 2.17 0.00	46.08 2.34 0.00	41.07 1.99 0.00	39.82 2.02 0.00	40.73 2.05 0.00	44.27 2.24 0.00	52.41 2.41 0.00	55.04 2.35 0.00	56.37 2.29 0.00	54.30 2.26 0.00	60.67 2.29 0.00	62.15 2.32 0.00	94.88 3.25 0.00	172.60 6.08 8.78	263.82 11.53 0.18	673.55 39.07 0.13	151.00 8.68 -9.88	435.90 27.81 -15.06	218.37 15.77 -4.39	182.67 12.20 0.00	220.18 13.75 0.00	96.66 5.41 0.00	95.49 4.67 0.00	60.31 2.70 0.00
STONY___BROOK 24151	51.39 3.46 0.00	47.68 3.95 0.00	42.08 3.01 0.00	40.63 2.71 -0.12	41.31 2.63 0.00	44.67 2.61 -0.03	52.37 2.37 0.00	54.54 1.86 0.00	51.24 1.56 4.40	30.44 2.17 23.76	48.23 2.61 12.75	52.63 3.31 10.51	90.00 5.61 7.24	178.46 11.46 8.31	257.18 20.83 16.11	595.88 49.94 88.68	690.07 8.47 -549.17	1473.56 31.14 -1049.39	259.16 18.17 -42.78	181.59 13.11 1.99	134.32 13.81 85.92	32.44 5.80 64.61	92.80 2.77 0.79	29.32 2.31 30.59
STURGEON_POOL_HYD 23609	50.48 2.54 0.00	46.34 2.60 0.00	41.25 2.17 0.00	39.95 2.16 0.00	40.80 2.13 0.00	44.29 2.26 0.00	52.31 2.31 0.00	55.01 2.32 0.00	56.26 2.18 0.00	54.43 2.40 0.00	61.21 2.83 0.00	63.21 3.37 0.00	97.28 5.66 0.00	194.18 12.16 -6.71	273.42 20.68 -0.27	692.45 57.63 -0.20	126.32 11.90 18.02	432.40 37.26 -2.11	219.43 18.56 -2.67	184.91 14.44 0.00	222.48 16.05 0.00	97.59 6.34 0.00	95.76 4.94 0.00	60.57 2.97 0.00

ST_LAW_115_BK7_LBMP 345037	47.63 -0.30 0.00	43.30 -0.43 0.00	38.82 -0.26 0.00	37.44 -0.35 0.00	38.33 -0.34 0.00	41.70 -0.33 0.00	50.02 0.02 0.00	52.76 0.08 0.00	54.25 0.18 0.00	52.03 -0.01 0.00	58.44 0.06 0.00	59.63 -0.20 0.00	91.19 -0.44 0.00	173.85 -1.46 0.00	247.45 -5.01 0.00	619.41 -15.21 0.00	128.42 -4.01 0.00	378.82 -14.21 0.00	190.59 -7.61 0.00	164.60 -5.86 0.00	200.99 -5.44 0.00	89.50 -1.75 0.00	89.70 -1.12 0.00	57.19 -0.41 0.00
ST_LAW_115_BK8_LBMP 345038	47.63 -0.30 0.00	43.30 -0.43 0.00	38.82 -0.26 0.00	37.44 -0.35 0.00	38.33 -0.34 0.00	41.70 -0.33 0.00	50.02 0.02 0.00	52.76 0.08 0.00	54.25 0.18 0.00	52.03 -0.01 0.00	58.44 0.06 0.00	59.63 -0.20 0.00	91.19 -0.44 0.00	173.85 -1.46 0.00	247.45 -5.01 0.00	619.41 -15.21 0.00	128.42 -4.01 0.00	378.82 -14.21 0.00	190.59 -7.61 0.00	164.60 -5.86 0.00	200.99 -5.44 0.00	89.50 -1.75 0.00	89.70 -1.12 0.00	57.19 -0.41 0.00
ST_LAW_230_BK5_LBMP 345035	47.63 -0.31 0.00	43.30 -0.44 0.00	38.80 -0.27 0.00	37.43 -0.36 0.00	38.32 -0.36 0.00	41.68 -0.34 0.00	49.97 -0.03 0.00	52.73 0.04 0.00	54.22 0.14 0.00	52.00 -0.04 0.00	58.41 0.03 0.00	59.63 -0.21 0.00	91.18 -0.44 0.00	173.90 -1.41 0.00	247.84 -4.63 0.00	620.44 -14.18 0.00	128.72 -3.72 0.00	379.71 -13.32 0.00	191.09 -7.11 0.00	165.06 -5.41 0.00	201.32 -5.11 0.00	89.59 -1.66 0.00	89.78 -1.04 0.00	57.19 -0.41 0.00
ST_LAW_230_BK6_LBMP 345036	47.63 -0.31 0.00	43.30 -0.44 0.00	38.80 -0.27 0.00	37.43 -0.36 0.00	38.32 -0.36 0.00	41.68 -0.34 0.00	49.97 -0.03 0.00	52.73 0.04 0.00	54.22 0.14 0.00	52.00 -0.04 0.00	58.41 0.03 0.00	59.63 -0.21 0.00	91.18 -0.44 0.00	173.90 -1.41 0.00	247.84 -4.63 0.00	620.44 -14.18 0.00	128.72 -3.72 0.00	379.71 -13.32 0.00	191.09 -7.11 0.00	165.06 -5.41 0.00	201.32 -5.11 0.00	89.59 -1.66 0.00	89.78 -1.04 0.00	57.19 -0.41 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	50.25 2.32 0.00	46.22 2.48 0.00	41.10 2.03 0.00	39.82 2.03 0.01	40.68 2.00 0.00	44.14 2.12 0.00	52.11 2.10 0.00	54.75 2.06 0.00	56.00 1.93 0.00	54.22 2.19 0.00	60.92 2.54 0.00	62.93 3.10 0.00	96.80 5.18 0.00	196.24 11.12 -9.81	274.65 19.42 -2.76	673.88 53.94 14.68	-233.64 10.81 376.88	70.22 33.94 356.75	194.71 17.33 20.82	146.95 13.05 36.57	220.98 14.55 0.00	97.01 5.76 0.00	95.20 4.39 0.00	60.29 2.68 0.00
SWANROAD_115KV_TB1 355699	47.38 -0.55 0.00	42.39 -1.34 0.00	36.88 -2.20 0.00	35.69 -2.11 0.00	36.67 -2.00 0.00	40.24 -1.79 0.00	47.66 -2.35 0.00	49.37 -3.32 0.00	50.76 -3.32 0.00	48.82 -3.09 0.13	56.35 -2.03 0.00	58.36 -1.47 0.00	90.11 -1.52 0.00	171.23 -4.08 0.00	246.33 -6.14 0.00	600.31 -34.31 0.00	127.14 -6.42 -1.13	371.86 -16.58 4.60	187.40 -9.71 1.09	163.14 -7.33 0.00	196.84 -9.58 0.00	86.85 -4.40 0.00	87.41 -3.41 0.00	56.67 -0.93 0.00
SYNERGY___BIOGAS 323694	49.70 1.77 0.00	44.56 0.83 0.00	38.91 -0.17 0.00	37.67 -0.13 0.00	38.70 0.03 0.00	42.45 0.43 0.00	50.43 0.43 0.00	52.69 0.00 0.00	54.23 0.16 0.00	52.28 0.32 0.08	60.12 1.75 0.00	62.04 2.21 0.00	95.78 4.16 0.00	182.15 6.84 0.00	261.94 9.47 0.00	640.61 5.99 0.00	135.20 1.48 -1.28	397.87 7.49 2.65	200.55 2.98 0.63	175.13 4.67 0.00	211.09 4.66 0.00	93.04 1.79 0.00	93.01 2.19 0.00	59.63 2.02 0.00
SYRACUSE___ENERGY_ST1 323597	50.68 0.17 -2.58	44.11 0.07 -0.30	38.95 -0.13 0.00	37.72 -0.08 0.00	38.65 -0.03 0.00	42.32 0.06 -0.24	50.75 0.03 -0.72	52.72 0.03 0.00	54.15 0.07 0.00	52.31 0.16 -0.11	62.16 0.28 -3.50	63.81 0.34 -3.64	98.51 0.59 -6.30	181.43 0.82 -5.30	257.71 1.97 -3.28	642.07 1.73 -5.72	134.38 0.47 -1.48	396.35 3.33 0.00	200.05 1.71 -0.14	172.20 1.73 0.00	208.57 1.79 -0.35	93.42 0.65 -1.51	91.84 0.63 -0.39	58.31 0.19 -0.52
SYRACUSE___ENERGY_ST2 323598	50.68 0.17 -2.58	44.11 0.07 -0.30	38.95 -0.13 0.00	37.72 -0.08 0.00	38.65 -0.03 0.00	42.32 0.06 -0.24	50.75 0.03 -0.72	52.72 0.03 0.00	54.15 0.07 0.00	52.31 0.16 -0.11	62.16 0.28 -3.50	63.81 0.34 -3.64	98.51 0.59 -6.30	181.43 0.82 -5.30	257.71 1.97 -3.28	642.07 1.73 -5.72	134.38 0.47 -1.48	396.35 3.33 0.00	200.05 1.71 -0.14	172.20 1.73 0.00	208.57 1.79 -0.35	93.42 0.65 -1.51	91.84 0.63 -0.39	58.31 0.19 -0.52
SYRACUSE___POWER 24017	48.95 0.21 -0.81	43.93 0.09 -0.09	38.97 -0.11 0.00	37.73 -0.07 0.00	38.66 -0.02 0.00	42.18 0.08 -0.07	50.27 0.04 -0.23	52.75 0.06 0.00	54.16 0.08 0.00	52.25 0.19 -0.03	59.83 0.35 -1.10	61.44 0.46 -1.14	94.46 0.86 -1.98	178.70 1.73 -1.66	257.07 3.57 -1.03	642.24 5.83 -1.79	135.45 1.46 -1.56	399.14 6.12 0.00	201.39 3.04 -0.14	173.46 2.99 0.00	209.49 2.95 -0.11	92.71 0.98 -0.48	91.67 0.73 -0.12	58.02 0.25 -0.16
TALLMAN_138KV_BK151 55660	50.49 2.56 0.00	46.46 2.72 0.00	41.29 2.21 0.00	40.02 2.20 -0.02	40.85 2.17 0.00	44.30 2.29 0.01	52.30 2.30 0.00	54.96 2.27 0.00	56.18 2.10 0.00	54.46 2.42 0.00	61.22 2.85 0.00	63.30 3.46 0.00	97.39 5.77 0.00	198.18 12.64 -10.23	278.01 21.85 -3.69	665.13 58.75 28.24	-293.48 11.51 437.42	18.76 35.45 409.71	188.20 18.05 28.06	138.62 13.72 45.58	221.92 15.49 0.00	97.41 6.16 0.00	95.47 4.65 0.00	60.49 2.88 0.00
TEALLAVE_115KV_TB7 355573	48.68 -0.02 -0.76	43.72 -0.11 -0.09	38.77 -0.30 0.00	37.53 -0.26 0.00	38.46 -0.21 0.00	41.95 -0.14 -0.07	50.00 -0.22 -0.21	52.48 -0.21 0.00	53.89 -0.19 0.00	52.00 -0.07 -0.03	59.49 0.07 -1.04	61.13 0.21 -1.08	94.00 0.51 -1.87	177.98 1.10 -1.58	255.89 2.45 -0.97	638.73 2.42 -1.70	134.56 0.83 -1.30	397.21 4.18 0.00	200.33 2.13 0.00	172.50 2.03 0.00	208.37 1.83 -0.10	92.11 0.41 -0.45	91.13 0.19 -0.12	57.72 -0.04 -0.15
TELGGRAPH_34_KV_EAST 80808	48.45 0.52 0.00	43.40 -0.33 0.00	37.83 -1.24 0.00	36.61 -1.18 0.00	37.63 -1.05 0.00	41.28 -0.74 0.00	48.97 -1.03 0.00	50.96 -1.73 0.00	52.43 -1.65 0.00	50.52 -1.41 0.11	58.12 -0.25 0.00	60.09 0.25 0.00	92.81 1.19 0.00	176.41 1.10 0.00	253.65 1.18 0.00	620.34 -14.28 0.00	131.17 -2.45 -1.19	384.40 -4.90 3.73	193.59 -3.72 0.89	168.78 -1.69 0.00	203.78 -2.64 0.00	89.86 -1.39 0.00	90.17 -0.65 0.00	58.10 0.50 0.00
TEMPLE___115KV_TB 2 55572	48.53 -0.02 -0.61	43.70 -0.11 -0.07	38.78 -0.30 0.00	37.54 -0.26 0.00	38.47 -0.21 0.00	41.94 -0.14 -0.06	49.96 -0.21 -0.17	52.48 -0.20 0.00	53.90 -0.18 0.00	52.02 -0.05 -0.03	59.30 0.09 -0.83	60.93 0.23 -0.86	93.66 0.54 -1.50	177.75 1.18 -1.26	255.87 2.63 -0.78	638.84 2.86 -1.36	134.68 0.93 -1.33	397.50 4.48 0.00	200.43 2.23 0.00	172.57 2.10 0.00	208.38 1.87 -0.08	92.05 0.44 -0.36	91.12 0.20 -0.09	57.69 -0.04 -0.12
TIANA___69_KV_BK 1 55817	51.69 3.76 0.00	47.75 4.02 0.00	41.99 2.91 0.00	40.47 2.55 -0.12	41.10 2.43 0.00	44.53 2.47 -0.03	52.23 2.23 0.00	54.73 2.04 0.00	51.37 1.71 4.42	30.46 2.29 12.80	48.19 2.61 10.55	52.58 3.30 5.46	91.81 5.64 5.46	182.05 12.02 5.28	259.36 22.21 15.32	600.15 52.71 87.19	688.14 8.41 -547.30	1475.29 29.49 -1052.78	259.40 18.19 -43.01	184.05 14.39 0.81	135.30 15.19 86.32	31.72 6.09 65.62	95.02 3.29 -0.91	29.62 2.75 30.73

TILDEN___115KV_TB1 80814	48.95 0.21 -0.81	43.93 0.09 -0.09	38.97 -0.11 0.00	37.73 -0.07 0.00	38.66 -0.02 0.00	42.18 0.08 -0.07	50.27 0.04 -0.23	52.75 0.06 0.00	54.16 0.08 0.00	52.25 0.19 -0.03	59.83 0.35 -1.10	61.44 0.46 -1.14	94.46 0.86 -1.98	178.70 1.73 -1.66	257.07 3.57 -1.03	642.24 5.83 -1.79	135.45 1.46 -1.56	399.14 6.12 0.00	201.39 3.04 -0.14	173.46 2.99 0.00	209.49 2.95 -0.11	92.71 0.98 -0.48	91.67 0.73 -0.12	58.02 0.25 -0.16
TRIGEN___CC 323695	51.10 3.17 0.00	47.21 3.47 0.00	41.80 2.73 0.00	40.50 2.59 -0.12	41.21 2.53 0.00	44.65 2.59 -0.03	52.54 2.53 0.00	54.96 2.28 0.00	55.12 2.07 1.03	49.92 2.47 4.58	58.39 3.02 3.00	61.05 3.69 2.48	97.26 6.12 0.48	198.03 13.37 -9.35	271.51 23.39 4.35	816.08 61.94 -119.51	2180.07 11.81 -2035.83	1977.49 36.82 -1547.64	260.54 18.90 -43.44	206.58 14.09 -22.02	203.79 15.85 18.49	213.31 6.41 -115.64	253.90 4.62 -158.46	54.06 2.74 6.28
TRINITY__115KV__4 BK 55933	48.28 0.35 0.00	44.43 0.70 0.00	39.70 0.63 0.00	38.54 0.75 0.00	39.39 0.72 0.00	42.71 0.68 0.00	50.45 0.45 0.00	53.03 0.34 0.00	54.28 0.20 0.00	52.42 0.39 0.00	58.52 0.14 0.00	60.12 0.28 0.00	91.98 0.35 0.00	169.34 1.14 7.11	256.43 4.15 0.18	652.75 18.27 0.14	147.20 4.46 -10.30	422.07 13.46 -15.57	208.87 7.70 -2.97	175.74 5.27 0.00	211.58 5.16 0.00	92.91 1.66 0.00	91.87 1.05 0.00	58.10 0.49 0.00
UNION___PROCESSING_DRP 323587	48.69 0.75 0.00	43.90 0.17 0.00	38.58 -0.50 0.00	37.34 -0.45 0.00	38.32 -0.36 0.00	41.89 -0.13 0.00	49.78 -0.22 0.00	52.20 -0.49 0.00	53.71 -0.36 0.00	51.91 -0.13 0.00	59.13 0.75 0.00	60.97 1.14 0.00	93.92 2.29 0.00	179.03 3.72 0.00	257.87 5.40 0.00	636.45 1.83 0.00	134.62 0.55 -1.64	396.68 3.65 0.00	199.71 1.35 -0.15	172.76 2.29 0.00	208.25 1.83 0.00	91.66 0.41 0.00	91.28 0.47 0.00	58.27 0.66 0.00
UPPER HUDSON___HYD 24058	50.21 2.27 0.00	46.30 2.57 0.00	41.24 2.17 0.00	39.97 2.17 0.00	40.92 2.25 0.00	44.50 2.48 0.00	52.72 2.72 0.00	55.31 2.63 0.00	56.68 2.60 0.00	54.56 2.52 0.00	60.75 2.37 0.00	62.19 2.35 0.00	94.82 3.19 0.00	173.41 5.94 7.84	264.19 11.89 0.17	675.50 41.01 0.13	150.99 9.08 -9.48	437.59 30.34 -14.22	220.81 18.09 -4.52	184.15 13.68 0.00	222.04 15.61 0.00	97.42 6.17 0.00	95.97 5.15 0.00	60.56 2.96 0.00
UPPER RAQUET___HYD 24056	48.92 0.98 0.00	44.43 0.70 0.00	39.69 0.62 0.00	38.25 0.45 0.00	39.23 0.55 0.00	42.66 0.64 0.00	51.32 1.32 0.00	54.04 1.36 0.00	55.48 1.40 0.00	53.27 1.23 0.00	59.80 1.42 0.00	60.75 0.91 0.00	92.80 1.17 0.00	176.00 0.69 0.00	249.97 -2.50 0.00	623.81 -10.81 0.00	128.42 -4.01 0.00	377.63 -15.40 0.00	188.75 -9.45 0.00	164.19 -6.28 0.00	203.16 -3.27 0.00	91.10 -0.15 0.00	91.68 0.87 0.00	58.34 0.73 0.00
VALLEY44_115KV_TB2 355964	47.74 -0.19 0.00	42.98 -0.76 0.00	37.77 -1.30 0.00	36.66 -1.13 0.00	37.69 -0.99 0.00	41.33 -0.69 0.00	49.12 -0.88 0.00	51.50 -1.19 0.00	52.84 -1.24 0.00	50.86 -1.05 0.12	57.91 -0.47 0.00	59.34 -0.50 0.00	91.50 -0.12 0.00	174.76 -0.54 0.00	253.87 1.40 0.00	620.68 -13.94 0.00	130.98 -3.02 -1.57	384.04 -4.63 4.36	192.70 -4.47 1.03	168.98 -1.49 0.00	203.77 -2.66 0.00	90.17 -1.08 0.00	89.65 -1.17 0.00	57.53 -0.08 0.00
VALLEY___115KV_TB 1-4 80826	48.81 0.88 0.00	44.77 1.03 0.00	39.94 0.86 0.00	38.68 0.88 0.00	39.54 0.86 0.00	42.94 0.91 0.00	50.71 0.71 0.00	53.22 0.53 0.00	54.26 0.18 0.00	52.14 0.10 0.00	58.55 0.17 0.00	59.94 0.11 0.00	92.12 0.49 0.00	176.14 0.84 0.00	256.69 4.22 0.00	661.63 27.01 0.00	137.92 5.49 0.00	410.99 17.96 0.00	207.58 9.38 0.00	177.59 7.12 0.00	213.99 7.56 0.00	94.32 3.07 0.00	93.14 2.32 0.00	58.78 1.18 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	50.16 2.23 0.00	45.80 2.07 0.00	40.83 1.75 0.00	39.58 1.79 0.00	40.52 1.84 0.00	44.06 2.03 0.00	52.15 2.15 0.00	55.04 2.35 0.00	56.30 2.22 0.00	54.37 2.33 0.00	61.17 2.79 0.00	62.86 3.02 0.00	96.53 4.90 0.00	186.97 9.90 -1.76	268.76 16.00 -0.29	674.91 40.08 -0.22	125.49 8.83 15.77	402.92 28.02 18.13	213.32 13.97 -1.16	182.31 11.84 0.00	219.52 13.10 0.00	96.59 5.34 0.00	95.49 4.68 0.00	60.38 2.78 0.00
VISCHER___FERRY HYD 24020	49.29 1.36 0.00	45.40 1.66 0.00	40.48 1.41 0.00	39.26 1.47 0.00	40.14 1.46 0.00	43.57 1.54 0.00	51.50 1.50 0.00	54.10 1.41 0.00	55.42 1.34 0.00	53.50 1.47 0.00	59.71 1.33 0.00	61.25 1.42 0.00	93.62 1.99 0.00	168.00 3.64 10.95	260.28 8.00 0.19	662.88 28.40 0.14	149.75 6.40 -10.92	430.98 20.75 -17.20	214.43 12.27 -3.95	179.59 9.12 0.00	216.36 9.94 0.00	94.97 3.72 0.00	93.89 3.07 0.00	59.30 1.69 0.00
V_A_10_SYNC_DSASP 323832	47.93 -0.01 0.00	43.06 -0.67 0.00	37.64 -1.43 0.00	36.46 -1.34 0.00	37.43 -1.25 0.00	41.00 -1.03 0.00	48.61 -1.39 0.00	50.68 -2.01 0.00	52.11 -1.96 0.00	50.23 -1.72 0.08	57.65 -0.73 0.00	59.54 -0.30 0.00	91.84 0.21 0.00	174.84 -0.47 0.00	251.81 -0.66 0.00	616.69 -17.93 0.00	129.95 -3.73 -1.25	381.81 -8.55 2.67	192.17 -5.40 0.64	167.06 -3.40 0.00	201.52 -4.91 0.00	88.82 -2.43 0.00	88.81 -2.00 0.00	57.14 -0.46 0.00
V_CMM_10_SYNC_DSASP 323787	47.91 -0.03 0.00	43.53 -0.20 0.00	39.03 -0.05 0.00	37.65 -0.15 0.00	38.55 -0.13 0.00	41.92 -0.10 0.00	50.32 0.31 0.00	53.06 0.37 0.00	54.58 0.50 0.00	52.33 0.29 0.00	58.78 0.41 0.00	59.98 0.15 0.00	91.73 0.11 0.00	174.75 -0.56 0.00	248.01 -4.46 0.00	620.13 -14.48 0.00	128.58 -3.86 0.00	379.21 -13.82 0.00	190.79 -7.41 0.00	164.84 -5.63 0.00	201.24 -5.19 0.00	89.59 -1.66 0.00	89.82 -0.99 0.00	57.30 -0.30 0.00
V_CMP_10_SYNC_DSASP 323788	48.00 0.07 0.00	43.72 -0.02 0.00	38.84 -0.24 0.00	37.49 -0.31 0.00	38.36 -0.31 0.00	41.76 -0.26 0.00	50.30 0.30 0.00	53.26 0.57 0.00	54.83 0.75 0.00	52.56 0.52 0.00	58.51 0.13 0.00	59.52 -0.32 0.00	90.65 -0.97 0.00	171.62 -3.68 0.00	245.55 -6.92 0.00	613.57 -21.05 0.00	125.32 -7.12 0.00	371.38 -21.65 0.00	188.07 -10.13 0.00	162.64 -7.83 0.00	198.82 -7.60 0.00	89.08 -2.17 0.00	89.69 -1.12 0.00	57.33 -0.28 0.00
V_D_10_SYNC_DSASP 323841	48.33 0.40 0.00	43.91 0.18 0.00	39.34 0.26 0.00	37.95 0.15 0.00	38.86 0.18 0.00	42.28 0.26 0.00	50.77 0.76 0.00	53.52 0.83 0.00	55.01 0.94 0.00	52.75 0.72 0.00	59.26 0.88 0.00	60.34 0.51 0.00	92.28 0.66 0.00	175.61 0.30 0.00	250.05 -2.42 0.00	625.40 -9.23 0.00	129.47 -2.96 0.00	381.77 -11.25 0.00	191.84 -6.36 0.00	165.98 -4.49 0.00	203.17 -3.26 0.00	90.54 -0.72 0.00	90.89 0.08 0.00	57.96 0.36 0.00
V_E_10_SYNC_DSASP 323830	50.70 2.77 0.00	46.09 2.35 0.00	40.73 1.65 0.00	39.50 1.71 0.00	40.63 1.96 0.00	44.45 2.42 0.00	53.03 3.02 0.00	55.86 3.18 0.00	57.53 3.46 0.00	55.90 3.84 -0.03	62.91 4.54 0.00	64.60 4.76 0.00	99.16 7.53 0.00	189.50 14.20 0.00	275.36 22.68 -0.21	692.07 57.29 -0.16	134.82 13.55 11.17	424.83 43.59 11.79	220.33 21.13 -0.99	191.02 20.55 0.00	230.87 24.44 0.00	101.52 10.27 0.00	100.01 9.20 0.00	62.63 5.03 0.00

V_F_30_NSYNC___DSASP 323816	50.19 2.26 0.00	46.15 2.41 0.00	41.13 2.06 0.00	39.87 2.07 0.00	40.79 2.12 0.00	44.34 2.31 0.00	52.51 2.51 0.00	55.14 2.45 0.00	56.46 2.38 0.00	54.40 2.36 0.00	60.83 2.45 0.00	62.34 2.50 0.00	95.21 3.58 0.00	173.65 6.71 8.37	264.74 12.44 0.17	675.54 41.05 0.13	151.16 9.02 -9.70	436.36 28.64 -14.69	218.71 16.06 -4.45	182.93 12.46 0.00	220.51 14.08 0.00	96.81 5.56 0.00	95.65 4.84 0.00	60.42 2.81 0.00
V_F_30_SYNC_DSASP 323786	48.62 0.69 0.00	44.71 0.98 0.00	39.94 0.86 0.00	38.77 0.97 0.00	39.62 0.94 0.00	42.96 0.94 0.00	50.78 0.78 0.00	53.39 0.70 0.00	54.66 0.58 0.00	52.80 0.76 0.00	58.97 0.60 0.00	60.64 0.80 0.00	92.76 1.14 0.00	170.75 2.72 7.28	258.77 6.48 0.18	658.69 24.20 0.14	148.19 5.60 -10.16	425.11 16.69 -15.38	210.62 9.09 -3.34	176.94 6.47 0.00	212.99 6.56 0.00	93.53 2.28 0.00	92.45 1.63 0.00	58.44 0.84 0.00
V_XM_10_SYNC_DSASP 323789	48.00 0.07 0.00	43.72 -0.02 0.00	38.84 -0.24 0.00	37.49 -0.31 0.00	38.36 -0.31 0.00	41.76 -0.26 0.00	50.30 0.30 0.00	53.26 0.57 0.00	54.83 0.75 0.00	52.56 0.52 0.00	58.51 0.13 0.00	59.52 -0.32 0.00	90.65 -0.97 0.00	171.62 -3.68 0.00	245.55 -6.92 0.00	613.57 -21.05 0.00	125.32 -7.12 0.00	371.38 -21.65 0.00	188.07 -10.13 0.00	162.64 -7.83 0.00	198.82 -7.60 0.00	89.08 -2.17 0.00	89.69 -1.12 0.00	57.33 -0.28 0.00
W.BABYLN_69_KV_BK1 56697	51.95 4.02 0.00	48.14 4.40 0.00	42.51 3.43 0.00	41.08 3.16 -0.12	41.76 3.09 0.00	45.20 3.15 -0.03	53.08 3.07 0.00	55.37 2.68 0.00	52.57 2.39 3.90	33.85 2.79 20.97	50.33 3.27 11.31	54.53 4.02 9.32	94.64 6.80 3.78	188.08 14.15 1.38	264.62 24.91 12.76	644.56 63.68 53.74	925.96 12.16 -781.37	1564.08 39.61 -1131.44	262.51 21.12 -43.19	189.29 15.59 -3.23	148.01 17.39 75.81	56.44 7.03 41.84	114.32 4.52 -18.99	33.61 3.04 27.04
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	50.65 2.72 0.00	46.61 2.87 0.00	41.43 2.36 0.00	40.21 2.35 -0.06	41.00 2.32 0.00	44.46 2.45 0.01	52.48 2.48 0.00	55.15 2.46 0.00	56.39 2.31 0.00	54.66 2.62 0.00	61.46 3.09 0.00	63.55 3.72 0.00	97.80 6.17 0.00	199.04 13.37 -10.36	279.41 22.94 -4.00	653.01 61.67 43.29	-225.13 12.22 369.78	86.39 37.61 344.25	186.78 19.13 30.55	139.13 14.60 45.93	222.78 16.36 0.00	97.77 6.52 0.00	95.80 4.98 0.00	60.67 3.07 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	51.09 3.16 0.00	47.08 3.35 0.00	41.83 2.76 0.00	40.60 2.68 -0.12	41.32 2.65 0.00	44.86 2.81 -0.03	52.98 2.98 0.00	55.73 3.05 0.00	56.99 2.91 0.00	55.26 3.23 0.00	62.12 3.74 0.00	64.25 4.41 0.00	98.89 7.27 0.00	201.69 15.54 -10.84	284.51 26.08 -5.97	881.87 68.76 -178.49	2632.04 13.10 -2486.51	2236.79 39.91 -1803.86	261.87 20.10 -43.56	213.97 15.51 -27.99	224.26 17.83 0.00	98.36 7.11 0.00	96.17 5.35 0.00	61.04 3.43 0.00
W50THST__13_KV_LOAD 356117	51.45 3.51 0.00	47.42 3.68 0.00	42.12 3.04 0.00	40.85 2.93 -0.12	41.58 2.90 0.00	45.16 3.11 -0.03	53.34 3.34 0.00	56.13 3.44 0.00	57.43 3.36 0.00	55.74 3.70 0.00	62.70 4.33 0.00	64.84 5.01 0.00	99.82 8.20 0.00	203.58 17.43 -10.84	287.47 29.04 -5.97	889.00 75.78 -178.60	2633.66 14.38 -2486.85	2240.13 43.24 -1803.86	263.40 21.63 -43.56	215.30 16.84 -27.99	225.81 19.38 0.00	99.01 7.76 0.00	96.78 5.96 0.00	61.42 3.81 0.00
WADING RIVER_IC_1 23522	50.88 2.95 0.00	47.11 3.38 0.00	41.51 2.43 0.00	40.04 2.12 -0.12	40.68 2.01 0.00	44.02 1.97 -0.03	51.63 1.63 0.00	53.91 1.22 0.00	50.58 0.92 4.42	29.63 1.48 23.89	47.30 1.73 12.81	51.66 2.38 10.56	90.43 4.22 5.41	179.49 9.39 5.21	255.28 18.12 15.30	589.73 42.35 87.24	684.82 5.77 -546.61	1467.24 21.57 -1052.64	255.82 14.60 -43.02	181.48 11.80 0.79	132.28 12.21 86.36	30.55 5.02 65.73	93.72 2.03 -0.88	28.79 1.93 30.74
WADING RIVER_IC_2 23547	50.88 2.95 0.00	47.11 3.38 0.00	41.51 2.43 0.00	40.04 2.12 -0.12	40.68 2.01 0.00	44.02 1.97 -0.03	51.63 1.63 0.00	53.91 1.22 0.00	50.58 0.92 4.42	29.63 1.48 23.89	47.30 1.73 12.81	51.66 2.38 10.56	90.43 4.22 5.41	179.49 9.39 5.21	255.28 18.12 15.30	589.73 42.35 87.24	684.82 5.77 -546.61	1467.24 21.57 -1052.64	255.82 14.60 -43.02	181.48 11.80 0.79	132.28 12.21 86.36	30.55 5.02 65.73	93.72 2.03 -0.88	28.79 1.93 30.74
WADING RIVER_IC_3 23601	50.88 2.95 0.00	47.11 3.38 0.00	41.51 2.43 0.00	40.04 2.12 -0.12	40.68 2.01 0.00	44.02 1.97 -0.03	51.63 1.63 0.00	53.91 1.22 0.00	50.58 0.92 4.42	29.63 1.48 23.89	47.30 1.73 12.81	51.66 2.38 10.56	90.43 4.22 5.41	179.49 9.39 5.21	255.28 18.12 15.30	589.73 42.35 87.24	684.82 5.77 -546.61	1467.24 21.57 -1052.64	255.82 14.60 -43.02	181.48 11.80 0.79	132.28 12.21 86.36	30.55 5.02 65.73	93.72 2.03 -0.88	28.79 1.93 30.74
WALDENNY_12_KV_BK2 80841	48.26 0.33 0.00	43.22 -0.51 0.00	37.68 -1.39 0.00	36.50 -1.30 0.00	37.51 -1.17 0.00	41.20 -0.83 0.00	48.87 -1.13 0.00	50.92 -1.77 0.00	52.37 -1.70 0.00	50.37 -1.50 0.16	58.14 -0.23 0.00	60.17 0.33 0.00	93.02 1.40 0.00	177.26 1.95 0.00	256.01 3.55 0.00	624.73 -9.89 0.00	131.77 -1.72 -1.06	384.84 -2.21 5.98	193.69 -3.09 1.42	169.41 -1.06 0.00	204.27 -2.16 0.00	90.06 -1.19 0.00	90.16 -0.65 0.00	57.98 0.38 0.00
WALDEN__HYDRO 24148	50.55 2.61 0.00	46.46 2.72 0.00	41.31 2.23 0.00	40.01 2.22 0.01	40.88 2.20 0.00	44.36 2.34 0.00	52.40 2.39 0.00	55.07 2.39 0.00	56.33 2.25 0.00	54.51 2.47 0.00	61.26 2.88 0.00	63.25 3.41 0.00	97.31 5.68 0.00	197.34 12.34 -9.69	274.40 20.95 -0.99	686.81 58.52 6.33	-13.95 12.02 158.41	305.93 37.41 124.51	210.68 19.02 6.54	170.47 14.55 14.55	222.61 16.18 0.00	97.67 6.42 0.00	95.83 5.01 0.00	60.64 3.04 0.00
WARRENSBURG____ 23737	50.21 2.27 0.00	46.30 2.57 0.00	41.24 2.17 0.00	39.97 2.17 0.00	40.93 2.25 0.00	44.50 2.48 0.00	52.73 2.72 0.00	55.32 2.64 0.00	56.67 2.60 0.00	54.56 2.53 0.00	60.75 2.38 0.00	62.19 2.35 0.00	94.82 3.19 0.00	173.42 5.95 7.84	264.19 11.89 0.17	675.65 41.16 0.13	151.00 9.09 -9.48	437.58 30.34 -14.22	220.80 18.08 -4.52	184.15 13.68 0.00	222.04 15.62 0.00	97.42 6.17 0.00	95.97 5.15 0.00	60.57 2.97 0.00
WATERSIDE____6 8 9 23538	51.03 3.10 0.00	47.06 3.32 0.00	41.84 2.77 0.00	40.63 2.71 -0.12	41.35 2.67 0.00	44.88 2.83 -0.03	52.90 2.90 0.00	55.65 2.97 0.00	56.93 2.85 0.00	55.24 3.20 0.00	62.03 3.65 0.00	64.10 4.27 0.00	98.57 6.94 0.00	200.83 14.68 -10.85	283.36 24.89 -6.00	851.18 65.76 -150.80	2517.56 12.18 -2372.95	2186.34 37.54 -1755.77	260.72 19.01 -43.51	213.14 14.75 -27.92	223.53 17.10 0.00	98.00 6.75 0.00	95.78 4.96 0.00	60.90 3.30 0.00
WATKINRD_115KV_LN8_ILLION 55919	48.54 0.61 0.00	44.48 0.74 0.00	39.69 0.62 0.00	38.45 0.65 0.00	39.32 0.64 0.00	42.71 0.68 0.00	50.50 0.50 0.00	53.06 0.38 0.00	54.19 0.12 0.00	52.10 0.07 0.00	58.47 0.09 0.00	59.89 0.06 0.00	91.89 0.27 0.00	175.81 0.50 0.00	255.62 3.15 0.00	653.97 19.35 0.00	136.55 4.12 0.00	406.48 13.44 0.00	205.29 7.09 0.00	175.85 5.38 0.00	212.11 5.68 0.00	93.51 2.26 0.00	92.45 1.64 0.00	58.41 0.80 0.00

WDELAWARE___HYD 323627	49.62 1.68 0.00	45.52 1.78 0.00	40.46 1.39 0.00	39.18 1.38 0.00	40.03 1.35 0.00	43.44 1.42 0.00	51.32 1.32 0.00	53.98 1.29 0.00	55.25 1.17 0.00	53.46 1.42 0.00	59.93 1.56 0.00	61.92 2.08 0.00	95.34 3.72 0.00	192.14 8.72 -8.11	269.06 15.74 -0.85	675.17 45.92 5.37	5.12 9.34 136.65	316.14 30.45 107.34	208.52 15.77 5.45	169.75 11.83 12.55	219.06 12.63 0.00	96.09 4.84 0.00	94.23 3.41 0.00	59.51 1.91 0.00
WEST BABYLON___IC 23714	51.95 4.02 0.00	48.14 4.40 0.00	42.51 3.43 0.00	41.08 3.16 -0.12	41.76 3.09 0.00	45.20 3.15 -0.03	53.08 3.07 0.00	55.37 2.68 0.00	52.57 2.39 3.90	33.85 2.79 20.97	50.33 3.27 11.31	54.53 4.02 9.32	94.64 6.80 3.78	188.08 14.15 1.38	264.62 24.91 12.76	644.56 63.68 53.74	925.96 12.16 -781.37	1564.08 39.61 -1131.44	262.51 21.12 -43.19	189.29 15.59 -3.23	148.01 17.39 75.81	56.44 7.03 41.84	114.32 4.52 -18.99	33.61 3.04 27.04
WEST CANADA___HYD 24049	48.12 0.19 0.00	43.99 0.26 0.00	39.28 0.20 0.00	38.03 0.23 0.00	38.91 0.23 0.00	42.26 0.23 0.00	50.16 0.16 0.00	52.80 0.12 0.00	54.14 0.06 0.00	52.14 0.10 0.00	58.49 0.11 0.00	59.98 0.15 0.00	91.81 0.19 0.00	175.81 0.50 0.00	254.13 1.66 0.00	640.27 5.65 0.00	133.76 1.33 0.00	397.41 4.38 0.00	200.73 2.52 0.00	172.36 1.89 0.00	208.29 1.86 0.00	91.89 0.63 0.00	91.26 0.45 0.00	57.83 0.23 0.00
WESTERN_NY_WIND 24143	49.64 1.71 0.00	44.51 0.77 0.00	38.86 -0.22 0.00	37.60 -0.19 0.00	38.65 -0.03 0.00	42.39 0.37 0.00	50.35 0.35 0.00	52.59 -0.09 0.00	54.14 0.06 0.00	52.17 0.22 0.09	60.03 1.66 0.00	61.95 2.12 0.00	95.65 4.02 0.00	181.88 6.57 0.00	261.50 9.03 0.00	639.54 4.92 0.00	134.94 1.25 -1.26	396.95 6.84 2.92	200.05 2.54 0.70	174.79 4.32 0.00	210.68 4.25 0.00	92.85 1.60 0.00	92.88 2.07 0.00	59.56 1.96 0.00
WESTOVER___LESR 323668	48.34 0.41 0.00	44.02 0.29 0.00	39.11 0.03 0.00	37.92 0.12 0.00	38.88 0.21 0.00	42.42 0.40 0.00	50.28 0.27 0.00	52.86 0.18 0.00	54.23 0.15 0.00	52.29 0.25 0.00	59.01 0.63 0.00	60.59 0.75 0.00	93.11 1.49 0.00	180.10 3.23 -1.56	259.86 7.18 -0.22	647.22 12.44 -0.16	123.24 2.53 11.73	391.37 11.95 13.61	203.48 4.70 -0.58	175.44 4.97 0.00	211.42 4.99 0.00	93.17 1.92 0.00	92.22 1.40 0.00	58.40 0.79 0.00
WETHRSFD_WT_PWR 323626	47.26 -0.67 0.00	42.61 -1.12 0.00	37.20 -1.88 0.00	35.99 -1.81 0.00	37.01 -1.67 0.00	40.87 -1.16 0.00	48.53 -1.47 0.00	50.48 -2.21 0.00	51.66 -2.42 0.00	49.10 -2.36 0.57	56.81 -1.57 0.00	58.68 -1.16 0.00	90.69 -0.93 0.00	174.20 -1.11 0.00	252.53 0.06 0.00	616.18 -18.43 0.00	126.96 -3.85 1.63	358.45 -10.12 24.46	185.88 -6.51 5.82	167.45 -3.02 0.00	203.16 -3.27 0.00	89.96 -1.29 0.00	89.85 -0.97 0.00	57.48 -0.12 0.00
WHAVSTOR_138KV_BK127 55557	50.39 2.46 0.00	46.39 2.66 0.00	41.24 2.17 0.00	40.04 2.17 -0.07	40.83 2.15 0.00	44.25 2.24 0.01	52.24 2.23 0.00	54.87 2.18 0.00	56.10 2.02 0.00	54.35 2.32 0.00	61.09 2.71 0.00	63.13 3.30 0.00	97.12 5.49 0.00	197.75 12.05 -10.39	277.45 20.92 -4.06	644.61 56.55 46.56	-215.08 11.10 358.61	94.67 34.43 332.79	184.71 17.58 31.07	137.85 13.37 45.99	221.43 15.00 0.00	97.20 5.95 0.00	95.25 4.44 0.00	60.36 2.76 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	50.39 2.46 0.00	46.39 2.66 0.00	41.24 2.17 0.00	40.04 2.17 -0.07	40.83 2.15 0.00	44.25 2.24 0.01	52.24 2.23 0.00	54.87 2.18 0.00	56.10 2.02 0.00	54.35 2.32 0.00	61.09 2.71 0.00	63.13 3.30 0.00	97.12 5.49 0.00	197.75 12.05 -10.39	277.45 20.92 -4.06	644.61 56.55 46.56	-215.08 11.10 358.61	94.67 34.43 332.79	184.71 17.58 31.07	137.85 13.37 45.99	221.43 15.00 0.00	97.20 5.95 0.00	95.25 4.44 0.00	60.36 2.76 0.00
WHITEHAL_115KV_TB1 80871	51.12 3.19 0.00	47.97 4.24 0.00	42.71 3.64 0.00	41.48 3.68 0.00	42.58 3.91 0.00	46.33 4.30 0.00	55.09 5.08 0.00	57.00 4.32 0.00	57.96 3.88 0.00	55.84 3.80 0.00	62.63 4.25 0.00	63.19 3.35 0.00	96.35 4.73 0.00	175.42 7.95 7.84	270.39 18.09 0.17	691.34 56.85 0.13	154.27 12.36 -9.48	458.09 50.84 -14.22	232.32 29.60 -4.52	192.05 21.58 0.00	229.83 23.41 0.00	100.75 9.50 0.00	98.02 7.20 0.00	62.34 4.74 0.00
WHITEPLN_13_KV_LOAD 356215	51.36 3.42 0.00	47.28 3.54 0.00	41.99 2.91 0.00	40.77 2.85 -0.12	41.51 2.83 0.00	45.07 3.02 -0.03	53.24 3.23 0.00	55.99 3.30 0.00	57.29 3.22 0.00	55.55 3.51 0.00	62.49 4.11 0.00	64.61 4.78 0.00	99.49 7.87 0.00	202.81 16.67 -10.84	285.87 27.83 -5.57	887.98 74.28 -179.08	2670.64 14.78 -2523.43	2276.22 45.33 -1837.86	265.80 22.77 -44.82	218.12 17.71 -29.94	226.25 19.82 0.00	99.21 7.96 0.00	96.98 6.16 0.00	61.46 3.85 0.00
WM_FLOYD_69_KV_BK2 356380	51.33 3.40 0.00	47.54 3.80 0.00	41.92 2.84 0.00	40.42 2.50 -0.12	41.09 2.41 0.00	44.46 2.41 -0.03	52.15 2.15 0.00	54.44 1.76 0.00	51.10 1.44 4.41	30.25 2.05 23.83	47.93 2.34 12.78	52.29 2.99 10.53	91.05 5.09 5.67	180.76 11.08 5.63	257.56 20.48 15.39	596.39 48.77 87.00	690.48 7.86 -550.18	1475.11 28.78 -1053.30	258.85 17.66 -42.98	183.15 13.60 0.92	134.71 14.43 86.15	31.94 5.83 65.14	94.85 3.02 -1.01	29.36 2.43 30.67
WOODARD___115KV_TB2 355635	49.63 -0.12 -1.82	43.75 -0.20 -0.21	38.71 -0.36 0.00	37.48 -0.32 0.00	38.40 -0.28 0.00	41.97 -0.22 -0.17	50.20 -0.31 -0.51	52.38 -0.31 0.00	53.79 -0.29 0.00	51.93 -0.18 -0.08	60.76 -0.09 -2.47	62.44 0.03 -2.57	96.29 0.22 -4.44	179.54 0.49 -3.74	256.26 1.48 -2.31	639.07 0.42 -4.03	134.13 0.39 -1.31	395.85 2.82 0.00	199.68 1.48 0.00	171.87 1.41 0.00	207.82 1.14 -0.25	92.48 0.16 -1.07	91.04 -0.06 -0.28	57.79 -0.18 -0.36
WOODMERE_69_KV_BK1 55827	51.73 3.79 0.00	47.73 3.99 0.00	42.34 3.27 0.00	41.00 3.09 -0.12	41.72 3.04 0.00	45.21 3.15 -0.03	53.19 3.19 0.00	55.65 2.96 0.00	56.41 2.79 0.46	54.13 3.21 1.12	60.93 3.88 1.33	63.40 4.67 1.10	99.04 7.53 0.11	206.56 15.92 -15.34	283.32 27.40 -3.46	880.16 70.61 -174.94	2522.58 13.73 -2376.42	2128.12 42.75 -1692.33	263.46 21.83 -43.44	214.80 16.23 -28.10	226.26 18.68 -1.15	426.18 7.74 -327.19	495.00 5.92 -398.26	59.22 3.57 1.96
YORK___WARBASSE 23770	51.19 3.26 0.00	47.30 3.56 0.00	42.06 2.98 0.00	40.81 2.89 -0.12	41.53 2.85 0.00	45.06 3.01 -0.03	52.95 2.94 0.00	55.84 3.15 0.00	57.10 3.02 0.00	55.37 3.33 0.00	62.10 3.73 0.00	64.16 4.33 0.00	98.70 7.08 0.00	201.18 15.03 -10.85	284.19 25.73 -6.00	713.99 67.52 -11.85	2024.03 11.50 -1880.10	1962.93 35.38 -1534.52	259.98 18.27 -43.51	212.86 14.47 -27.92	223.64 17.22 0.00	98.19 6.94 0.00	95.94 5.12 0.00	61.01 3.40 0.00