

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

08/01/2024

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	38.01	45.71	40.06	33.73	33.19	35.46	39.78	48.81	45.10	43.00	46.32	51.47	50.64	68.38	66.70	156.58	330.26	514.00	121.72	134.18	123.93	59.39	46.87	46.59
24138	2.39	2.55	2.21	1.89	1.79	1.93	2.31	2.82	3.20	3.68	3.89	4.39	4.35	5.92	5.96	14.03	27.93	41.82	9.58	9.68	8.66	3.96	3.25	3.48
	-1.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	38.12	45.85	40.17	33.83	33.29	35.54	39.84	48.85	45.12	42.94	46.27	51.40	50.58	68.45	66.84	156.93	330.60	514.90	122.08	134.62	124.36	59.60	47.06	46.72
24260	2.50	2.69	2.33	1.99	1.89	2.01	2.37	2.87	3.22	3.62	3.83	4.33	4.29	5.99	6.10	14.38	28.28	42.72	9.94	10.12	9.09	4.17	3.44	3.61
	-1.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	38.12	45.85	40.17	33.83	33.29	35.54	39.84	48.85	45.12	42.94	46.27	51.40	50.58	68.45	66.84	156.93	330.60	514.90	122.08	134.62	124.36	59.60	47.06	46.72
24261	2.50	2.69	2.33	1.99	1.89	2.01	2.37	2.87	3.22	3.62	3.83	4.33	4.29	5.99	6.10	14.38	28.28	42.72	9.94	10.12	9.09	4.17	3.44	3.61
	-1.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	37.12	46.48	40.78	34.35	33.95	36.24	40.38	49.58	45.02	42.33	44.89	50.41	49.59	67.68	66.03	155.67	329.93	514.39	123.28	136.99	127.16	61.05	47.87	47.01
24011	2.78	3.31	2.93	2.51	2.54	2.70	2.91	3.59	3.12	3.02	2.96	3.33	3.30	5.22	5.28	13.12	27.60	42.20	11.14	12.49	11.90	5.62	4.25	3.89
	-0.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	37.38	46.81	41.10	34.63	34.25	36.57	40.73	49.99	45.32	42.64	45.23	50.78	49.97	68.43	66.74	157.44	333.88	519.19	124.36	138.18	128.12	61.61	48.31	47.42
23798	3.04	3.64	3.26	2.79	2.85	3.03	3.27	4.00	3.42	3.33	3.30	3.70	3.68	5.96	5.99	14.90	31.55	47.00	12.22	13.68	12.86	6.18	4.69	4.30
	-0.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	37.12	46.48	40.78	34.35	33.																			

ALBANY___2 23572	34.99 0.65 -0.25	43.91 0.75 0.00	38.47 0.62 0.00	32.45 0.61 0.00	31.98 0.59 0.00	34.09 0.56 0.00	38.00 0.53 0.00	46.58 0.59 0.00	42.33 0.43 0.00	39.77 0.46 0.00	42.33 0.40 -0.10	47.40 0.32 0.00	46.54 0.25 0.00	63.20 0.74 0.00	61.67 0.93 0.00	145.04 2.49 0.00	306.66 4.33 0.00	479.73 7.55 0.00	114.10 1.96 0.00	126.42 1.92 0.00	117.09 1.83 0.00	56.18 0.75 0.00	44.29 0.67 0.00	43.84 0.73 0.00
ALBANY___3 23573	34.99 0.65 -0.25	43.91 0.75 0.00	38.47 0.62 0.00	32.45 0.61 0.00	31.98 0.59 0.00	34.09 0.56 0.00	38.00 0.53 0.00	46.58 0.59 0.00	42.33 0.43 0.00	39.77 0.46 0.00	42.33 0.40 -0.10	47.40 0.32 0.00	46.54 0.25 0.00	63.20 0.74 0.00	61.67 0.93 0.00	145.04 2.49 0.00	306.66 4.33 0.00	479.73 7.55 0.00	114.10 1.96 0.00	126.42 1.92 0.00	117.09 1.83 0.00	56.18 0.75 0.00	44.29 0.67 0.00	43.84 0.73 0.00
ALBANY___4 23574	34.99 0.65 -0.25	43.91 0.75 0.00	38.47 0.62 0.00	32.45 0.61 0.00	31.98 0.59 0.00	34.09 0.56 0.00	38.00 0.53 0.00	46.58 0.59 0.00	42.33 0.43 0.00	39.77 0.46 0.00	42.33 0.40 -0.10	47.40 0.32 0.00	46.54 0.25 0.00	63.20 0.74 0.00	61.67 0.93 0.00	145.04 2.49 0.00	306.66 4.33 0.00	479.73 7.55 0.00	114.10 1.96 0.00	126.42 1.92 0.00	117.09 1.83 0.00	56.18 0.75 0.00	44.29 0.67 0.00	43.84 0.73 0.00
ALBANY___LFGE 323615	35.45 1.11 -0.25	44.47 1.31 0.00	38.94 1.10 0.00	32.84 1.01 0.00	32.38 0.98 0.00	34.52 0.98 0.00	38.48 1.01 0.00	47.20 1.21 0.00	42.93 1.04 0.00	40.37 1.05 0.00	42.98 1.05 -0.10	48.17 1.10 0.00	47.32 1.03 0.00	64.28 1.82 0.00	62.75 2.00 0.00	147.64 5.09 0.00	312.23 9.90 0.00	488.32 16.13 0.00	116.04 3.91 0.00	128.55 4.05 0.00	119.05 3.78 0.00	57.09 1.66 0.00	44.97 1.34 0.00	44.46 1.35 0.00
ALCOA_PA_115KV_PL-6C 55860	33.24 -0.86 0.00	42.32 -0.84 0.00	37.28 -0.57 0.00	31.44 -0.40 0.00	30.98 -0.42 0.00	33.06 -0.47 0.00	36.84 -0.63 0.00	45.20 -0.79 0.00	41.14 -0.76 0.00	38.42 -0.89 0.00	40.78 -1.06 0.00	45.73 -1.35 0.00	44.79 -1.51 0.00	60.28 -2.18 0.00	58.55 -2.20 0.00	-92.10 -5.64 229.01	228.33 -10.57 63.43	457.81 -14.38 0.00	108.07 -4.07 0.00	119.82 -4.67 0.00	111.81 -3.45 0.00	53.75 -1.68 0.00	42.33 -1.29 0.00	42.08 -1.03 0.00
ALCOA_RYNLDS___DRP 24188	33.24 -0.86 0.00	42.32 -0.84 0.00	37.28 -0.57 0.00	31.44 -0.40 0.00	30.98 -0.42 0.00	33.06 -0.47 0.00	36.84 -0.63 0.00	45.20 -0.79 0.00	41.14 -0.76 0.00	38.42 -0.89 0.00	40.78 -1.06 0.00	45.73 -1.35 0.00	44.79 -1.51 0.00	60.28 -2.18 0.00	58.55 -2.20 0.00	-92.10 -5.64 229.01	228.33 -10.57 63.43	457.81 -14.38 0.00	108.07 -4.07 0.00	119.82 -4.67 0.00	111.81 -3.45 0.00	53.75 -1.68 0.00	42.33 -1.29 0.00	42.08 -1.03 0.00
ALCOA___DSASP 323711	33.24 -0.86 0.00	42.32 -0.84 0.00	37.28 -0.57 0.00	31.44 -0.40 0.00	30.98 -0.42 0.00	33.06 -0.47 0.00	36.84 -0.63 0.00	45.20 -0.79 0.00	41.14 -0.76 0.00	38.42 -0.89 0.00	40.78 -1.05 0.00	45.73 -1.35 0.00	44.78 -1.51 0.00	60.28 -2.18 0.00	58.54 -2.20 0.00	-92.11 -5.64 229.01	228.33 -10.56 63.43	457.86 -14.33 0.00	108.07 -4.07 0.00	119.82 -4.67 0.00	111.81 -3.45 0.00	53.75 -1.68 0.00	42.33 -1.29 0.00	42.08 -1.03 0.00
ALLEGHENY___COGEN 23514	36.11 2.02 0.00	44.83 1.67 0.00	38.76 0.92 0.00	32.10 0.26 0.00	31.80 0.40 0.00	34.22 0.69 0.00	38.61 1.14 0.00	48.04 2.05 0.00	44.01 2.11 0.00	40.99 1.67 0.00	43.95 2.12 0.00	50.05 2.98 0.00	49.85 3.56 0.00	64.50 2.03 0.00	58.76 -1.98 0.00	140.66 -1.89 0.00	295.84 -6.49 0.00	463.92 -8.27 0.00	109.84 -2.30 0.00	124.76 0.27 0.00	112.01 -3.25 0.00	55.46 0.03 0.00	47.16 3.54 0.00	46.31 3.20 0.00
ALTAMONT_115KV_TB 2 55880	35.35 1.02 -0.24	44.38 1.22 0.00	38.88 1.04 0.00	32.76 0.92 0.00	32.29 0.89 0.00	34.45 0.91 0.00	38.44 0.97 0.00	47.14 1.15 0.00	42.84 0.94 0.00	40.26 0.95 0.00	42.86 0.93 -0.09	48.03 0.95 0.00	47.18 0.89 0.00	63.91 1.44 0.00	62.31 1.57 0.00	146.46 3.91 0.00	309.97 7.65 0.00	484.63 12.44 0.00	115.31 3.17 0.00	127.86 3.37 0.00	118.43 3.16 0.00	56.85 1.42 0.00	44.82 1.19 0.00	44.34 1.23 0.00
ALTONA_WT_PWR 323606	33.15 -0.95 0.00	42.22 -0.95 0.00	37.15 -0.69 0.00	31.41 -0.43 0.00	31.00 -0.40 0.00	33.09 -0.44 0.00	36.76 -0.71 0.00	45.13 -0.85 0.00	41.20 -0.70 0.00	38.77 -0.54 0.00	41.18 -0.65 0.00	46.17 -0.92 0.00	44.78 -1.51 0.00	59.69 -2.77 0.00	57.72 -3.03 0.00	-101.56 -6.71 237.40	227.60 -8.97 65.75	458.51 -13.68 0.00	109.22 -2.92 0.00	121.23 -3.26 0.00	112.59 -2.68 0.00	54.06 -1.36 0.00	42.73 -0.89 0.00	42.23 -0.88 0.00
AMERICAN_REF_FUEL 24010	35.26 1.17 0.00	43.43 0.27 0.00	37.43 -0.42 0.00	30.89 -0.95 0.00	30.56 -0.84 0.00	32.75 -0.78 0.00	36.86 -0.61 0.00	46.06 0.07 0.00	43.30 1.40 0.00	40.39 1.08 0.00	43.47 1.64 0.00	49.55 2.47 0.00	49.02 2.73 0.00	65.04 2.58 0.00	61.71 0.97 0.00	141.98 -0.57 0.00	299.27 -3.06 0.00	462.20 -9.99 0.00	109.65 -2.49 0.00	124.68 0.18 0.00	113.63 -1.64 0.00	55.67 0.24 0.00	44.75 1.12 0.00	44.29 1.18 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	37.04 2.94 0.00	45.70 2.54 0.00	39.38 1.54 0.00	32.56 0.72 0.00	32.28 0.88 0.00	34.69 1.16 0.00	39.11 1.64 0.00	48.84 2.85 0.00	45.96 4.06 0.00	43.15 3.84 0.00	46.49 4.65 0.00	53.11 6.03 0.00	52.48 6.19 0.00	69.50 7.04 0.00	66.07 5.33 0.00	151.95 9.40 0.00	323.95 21.63 0.00	494.76 22.57 0.00	117.89 5.75 0.00	133.06 8.56 0.00	122.68 7.42 0.00	59.95 4.52 0.00	47.61 3.98 0.00	46.75 3.64 0.00
ARTHUR KILL_GT_1 23520	37.79 2.17 -1.52	44.65 2.10 0.61	39.80 1.96 0.00	33.54 1.70 0.00	32.98 1.59 0.00	35.23 1.70 0.00	39.37 1.90 0.00	42.87 2.10 5.22	43.04 2.52 1.38	41.97 3.02 0.36	44.83 3.06 0.06	47.30 3.48 3.26	49.05 3.50 0.74	67.53 5.07 0.00	66.04 5.30 0.00	151.61 11.87 2.81	324.85 23.63 1.11	508.33 36.15 0.00	120.31 8.30 0.12	132.17 7.95 0.28	233.48 7.67 -110.54	101.67 3.48 -42.76	48.83 3.11 -2.10	46.40 3.29 0.00
ARTHUR_KILL_2 23512	37.63 2.01 -1.52	44.48 1.92 0.61	39.65 1.81 0.00	33.42 1.58 0.00	32.87 1.46 0.00	35.10 1.56 0.00	39.22 1.76 0.00	42.69 1.92 5.22	42.84 2.33 1.38	41.79 2.83 0.36	44.64 2.87 0.06	47.07 3.25 3.26	48.82 3.27 0.74	67.19 4.73 0.00	65.72 4.98 0.00	150.89 11.16 2.81	323.35 22.13 1.11	506.08 33.89 0.00	119.75 7.74 0.12	131.53 7.31 0.28	232.88 7.07 -110.54	101.37 3.17 -42.76	48.61 2.88 -2.10	46.19 3.07 0.00
ARTHUR_KILL_3 23513	36.44 1.95 -0.39	42.32 2.00 2.84	39.59 1.74 0.00	33.34 1.50 0.00	32.80 1.40 0.00	35.03 1.50 0.00	39.23 1.76 0.00	42.83 2.06 5.22	42.97 2.46 1.38	42.14 2.92 0.09	45.08 3.04 -0.21	47.18 3.35 3.25	48.90 3.35 0.74	67.29 4.83 0.00	65.76 5.02 0.00	151.33 11.67 2.88	324.00 22.79 1.12	507.12 34.93 0.00	120.50 8.36 0.00	132.85 7.37 0.00	122.63 7.37 0.00	58.72 3.30 0.00	46.77 2.78 -0.37	46.09 2.98 0.00

ARTHUR_KILL_COGEN 323718	37.79 2.17 -1.52	44.65 2.10 0.61	39.80 1.96 0.00	33.54 1.70 0.00	32.98 1.59 0.00	35.23 1.70 0.00	39.37 1.90 0.00	42.87 2.10 5.22	43.04 2.52 1.38	41.97 3.02 0.36	44.83 3.06 0.06	47.30 3.48 3.26	49.05 3.50 0.74	67.53 5.07 0.00	66.04 5.30 0.00	151.61 11.87 2.81	324.85 23.63 1.11	508.33 36.15 0.00	120.31 8.30 0.12	132.17 7.95 0.28	233.48 7.67 -110.54	101.67 3.48 -42.76	48.83 3.11 -2.10	46.40 3.29 0.00
ASHOKAN____ 23654	36.73 2.63 0.00	46.28 3.12 0.00	40.44 2.59 0.00	34.03 2.19 0.00	33.53 2.13 0.00	35.79 2.26 0.00	39.99 2.52 0.00	49.12 3.14 0.00	44.60 2.70 0.00	41.86 2.55 0.00	44.30 2.47 0.00	49.87 2.79 0.00	49.14 2.85 0.00	67.31 4.85 0.00	65.48 4.73 0.00	154.04 11.49 0.00	327.81 25.48 0.00	514.70 42.52 0.00	123.07 10.93 0.00	136.93 12.43 0.00	126.10 10.84 0.00	60.30 4.87 0.00	47.24 3.62 0.00	46.55 3.43 0.00
ASTORIA_EAST_ENERGY_CC1 323581	37.72 2.10 -1.52	45.28 2.12 0.00	39.72 1.88 0.00	33.48 1.64 0.00	33.00 1.60 0.00	35.23 1.70 0.00	39.42 1.95 0.00	48.29 2.30 0.00	44.62 2.72 0.00	42.37 3.06 0.00	45.66 3.23 -0.60	50.70 3.62 0.00	49.90 3.61 0.00	67.64 5.18 0.00	66.07 5.32 0.00	154.58 12.03 0.00	326.27 23.95 0.00	508.71 36.52 0.00	120.53 8.39 0.00	132.76 8.26 -0.01	122.86 7.59 -0.01	58.81 3.37 -0.01	46.54 2.91 0.00	46.21 3.09 0.00
ASTORIA_EAST_ENERGY_CC2 323582	37.72 2.10 -1.52	45.28 2.12 0.00	39.72 1.88 0.00	33.48 1.64 0.00	33.00 1.60 0.00	35.23 1.70 0.00	39.42 1.95 0.00	48.29 2.30 0.00	44.62 2.72 0.00	42.37 3.06 0.00	45.66 3.23 -0.60	50.70 3.62 0.00	49.90 3.61 0.00	67.64 5.18 0.00	66.07 5.32 0.00	154.58 12.03 0.00	326.27 23.95 0.00	508.71 36.52 0.00	120.53 8.39 0.00	132.76 8.26 -0.01	122.86 7.59 -0.01	58.81 3.37 -0.01	46.54 2.91 0.00	46.21 3.09 0.00
ASTORIA_GT2_1 24094	37.73 2.11 -1.52	45.31 2.15 0.00	39.74 1.90 0.00	33.49 1.65 0.00	33.01 1.62 0.00	35.25 1.72 0.00	39.44 1.98 0.00	48.33 2.34 0.00	44.64 2.75 0.00	42.39 3.08 0.00	45.67 3.24 -0.60	50.72 3.64 0.00	49.93 3.64 0.00	67.67 5.20 0.00	66.12 5.38 0.00	154.67 12.13 0.00	326.35 24.02 0.00	508.88 36.69 0.00	120.60 8.46 0.00	132.81 8.31 -0.01	122.91 7.63 -0.01	58.85 3.42 -0.01	46.57 2.94 0.00	46.24 3.12 0.00
ASTORIA_GT2_2 24095	37.73 2.11 -1.52	45.31 2.15 0.00	39.74 1.90 0.00	33.49 1.65 0.00	33.01 1.62 0.00	35.25 1.72 0.00	39.44 1.98 0.00	48.33 2.34 0.00	44.64 2.75 0.00	42.39 3.08 0.00	45.67 3.24 -0.60	50.72 3.64 0.00	49.93 3.64 0.00	67.67 5.20 0.00	66.12 5.38 0.00	154.67 12.13 0.00	326.35 24.02 0.00	508.88 36.69 0.00	120.60 8.46 0.00	132.81 8.31 -0.01	122.91 7.63 -0.01	58.85 3.42 -0.01	46.57 2.94 0.00	46.24 3.12 0.00
ASTORIA_GT2_3 24096	37.73 2.11 -1.52	45.31 2.15 0.00	39.74 1.90 0.00	33.49 1.65 0.00	33.01 1.62 0.00	35.25 1.72 0.00	39.44 1.98 0.00	48.33 2.34 0.00	44.64 2.75 0.00	42.39 3.08 0.00	45.67 3.24 -0.60	50.72 3.64 0.00	49.93 3.64 0.00	67.67 5.20 0.00	66.12 5.38 0.00	154.67 12.13 0.00	326.35 24.02 0.00	508.88 36.69 0.00	120.60 8.46 0.00	132.81 8.31 -0.01	122.91 7.63 -0.01	58.85 3.42 -0.01	46.57 2.94 0.00	46.24 3.12 0.00
ASTORIA_GT2_4 24097	37.73 2.11 -1.52	45.31 2.15 0.00	39.74 1.90 0.00	33.49 1.65 0.00	33.01 1.62 0.00	35.25 1.72 0.00	39.44 1.98 0.00	48.33 2.34 0.00	44.64 2.75 0.00	42.39 3.08 0.00	45.67 3.24 -0.60	50.72 3.64 0.00	49.93 3.64 0.00	67.67 5.20 0.00	66.12 5.38 0.00	154.67 12.13 0.00	326.35 24.02 0.00	508.88 36.69 0.00	120.60 8.46 0.00	132.81 8.31 -0.01	122.91 7.63 -0.01	58.85 3.42 -0.01	46.57 2.94 0.00	46.24 3.12 0.00
ASTORIA_GT3_1 24098	37.73 2.11 -1.52	45.31 2.15 0.00	39.74 1.90 0.00	33.49 1.65 0.00	33.01 1.62 0.00	35.25 1.72 0.00	39.44 1.98 0.00	48.33 2.34 0.00	44.64 2.75 0.00	42.39 3.08 0.00	45.67 3.24 -0.60	50.72 3.64 0.00	49.93 3.64 0.00	67.67 5.20 0.00	66.12 5.38 0.00	154.67 12.13 0.00	326.35 24.02 0.00	508.88 36.69 0.00	120.60 8.46 0.00	132.81 8.31 -0.01	122.91 7.63 -0.01	58.85 3.42 -0.01	46.57 2.94 0.00	46.24 3.12 0.00
ASTORIA_GT3_2 24099	37.73 2.11 -1.52	45.31 2.15 0.00	39.74 1.90 0.00	33.49 1.65 0.00	33.01 1.62 0.00	35.25 1.72 0.00	39.44 1.98 0.00	48.33 2.34 0.00	44.64 2.75 0.00	42.39 3.08 0.00	45.67 3.24 -0.60	50.72 3.64 0.00	49.93 3.64 0.00	67.67 5.20 0.00	66.12 5.38 0.00	154.67 12.13 0.00	326.35 24.02 0.00	508.88 36.69 0.00	120.60 8.46 0.00	132.81 8.31 -0.01	122.91 7.63 -0.01	58.85 3.42 -0.01	46.57 2.94 0.00	46.24 3.12 0.00
ASTORIA_GT3_3 24100	37.73 2.11 -1.52	45.31 2.15 0.00	39.74 1.90 0.00	33.49 1.65 0.00	33.01 1.62 0.00	35.25 1.72 0.00	39.44 1.98 0.00	48.33 2.34 0.00	44.64 2.75 0.00	42.39 3.08 0.00	45.67 3.24 -0.60	50.72 3.64 0.00	49.93 3.64 0.00	67.67 5.20 0.00	66.12 5.38 0.00	154.67 12.13 0.00	326.35 24.02 0.00	508.88 36.69 0.00	120.60 8.46 0.00	132.81 8.31 -0.01	122.91 7.63 -0.01	58.85 3.42 -0.01	46.57 2.94 0.00	46.24 3.12 0.00
ASTORIA_GT3_4 24101	37.73 2.11 -1.52	45.31 2.15 0.00	39.74 1.90 0.00	33.49 1.65 0.00	33.01 1.62 0.00	35.25 1.72 0.00	39.44 1.98 0.00	48.33 2.34 0.00	44.64 2.75 0.00	42.39 3.08 0.00	45.67 3.24 -0.60	50.72 3.64 0.00	49.93 3.64 0.00	67.67 5.20 0.00	66.12 5.38 0.00	154.67 12.13 0.00	326.35 24.02 0.00	508.88 36.69 0.00	120.60 8.46 0.00	132.81 8.31 -0.01	122.91 7.63 -0.01	58.85 3.42 -0.01	46.57 2.94 0.00	46.24 3.12 0.00
ASTORIA_GT4_1 24102	37.73 2.11 -1.52	45.31 2.15 0.00	39.74 1.90 0.00	33.49 1.65 0.00	33.01 1.62 0.00	35.25 1.72 0.00	39.44 1.98 0.00	48.33 2.34 0.00	44.64 2.75 0.00	42.39 3.08 0.00	45.67 3.24 -0.60	50.72 3.64 0.00	49.93 3.64 0.00	67.67 5.20 0.00	66.12 5.38 0.00	154.67 12.13 0.00	326.35 24.02 0.00	508.88 36.69 0.00	120.60 8.46 0.00	132.81 8.31 -0.01	122.91 7.63 -0.01	58.85 3.42 -0.01	46.57 2.94 0.00	46.24 3.12 0.00
ASTORIA_GT4_2 24103	37.73 2.11 -1.52	45.31 2.15 0.00	39.74 1.90 0.00	33.49 1.65 0.00	33.01 1.62 0.00	35.25 1.72 0.00	39.44 1.98 0.00	48.33 2.34 0.00	44.64 2.75 0.00	42.39 3.08 0.00	45.67 3.24 -0.60	50.72 3.64 0.00	49.93 3.64 0.00	67.67 5.20 0.00	66.12 5.38 0.00	154.67 12.13 0.00	326.35 24.02 0.00	508.88 36.69 0.00	120.60 8.46 0.00	132.81 8.31 -0.01	122.91 7.63 -0.01	58.85 3.42 -0.01	46.57 2.94 0.00	46.24 3.12 0.00
ASTORIA_GT4_3 24104	37.73 2.11 -1.52	45.31 2.15 0.00	39.74 1.90 0.00	33.49 1.65 0.00	33.01 1.62 0.00	35.25 1.72 0.00	39.44 1.98 0.00	48.33 2.34 0.00	44.64 2.75 0.00	42.39 3.08 0.00	45.67 3.24 -0.60	50.72 3.64 0.00	49.93 3.64 0.00	67.67 5.20 0.00	66.12 5.38 0.00	154.67 12.13 0.00	326.35 24.02 0.00	508.88 36.69 0.00	120.60 8.46 0.00	132.81 8.31 -0.01	122.91 7.63 -0.01	58.85 3.42 -0.01	46.57 2.94 0.00	46.24 3.12 0.00

ASTORIA_GT4_4 24105	37.73 2.11 -1.52	45.31 2.15 0.00	39.74 1.90 0.00	33.49 1.65 0.00	33.01 1.62 0.00	35.25 1.72 0.00	39.44 1.98 0.00	48.33 2.34 0.00	44.64 2.75 0.00	42.39 3.08 0.00	45.67 3.24 -0.60	50.72 3.64 0.00	49.93 3.64 0.00	67.67 5.20 0.00	66.12 5.38 0.00	154.67 12.13 0.00	326.35 24.02 0.00	508.88 36.69 0.00	120.60 8.46 0.00	132.81 8.31 -0.01	122.91 7.63 -0.01	58.85 3.42 -0.01	46.57 2.94 0.00	46.24 3.12 0.00
ASTORIA_GT_1 23523	37.83 2.21 -1.52	45.41 2.25 0.00	39.83 1.99 0.00	33.56 1.72 0.00	33.08 1.68 0.00	35.32 1.79 0.00	39.53 2.06 0.00	48.44 2.45 0.00	44.76 2.86 0.00	42.51 3.20 0.00	45.81 3.38 -0.60	50.89 3.81 0.00	50.09 3.80 0.00	67.90 5.44 0.00	66.32 5.58 0.00	155.15 12.61 0.00	327.48 25.16 0.00	510.58 38.39 0.00	120.96 8.82 0.00	133.25 8.75 -0.01	123.30 8.03 -0.01	59.03 3.59 -0.01	46.70 3.08 0.00	46.36 3.25 0.00
ASTORIA_GT_10 24110	37.76 2.14 -1.52	45.35 2.19 0.00	39.79 1.95 0.00	33.51 1.67 0.00	32.99 1.59 0.00	35.22 1.69 0.00	39.45 1.99 0.00	48.32 2.33 0.00	44.65 2.75 0.00	42.45 3.13 0.00	45.66 3.23 -0.60	50.67 3.59 0.00	49.79 3.51 0.00	67.39 4.93 0.00	65.86 5.11 0.00	154.45 11.90 0.00	325.63 23.30 0.00	507.50 35.32 0.00	119.79 8.16 0.51	121.85 7.95 10.60	88.57 7.35 34.05	35.57 3.24 23.10	45.57 2.81 0.87	46.23 3.12 0.00
ASTORIA_GT_11 24225	37.76 2.14 -1.52	45.35 2.19 0.00	39.79 1.95 0.00	33.51 1.67 0.00	32.99 1.59 0.00	35.22 1.69 0.00	39.45 1.99 0.00	48.32 2.33 0.00	44.65 2.75 0.00	42.45 3.13 0.00	45.66 3.23 -0.60	50.67 3.59 0.00	49.79 3.51 0.00	67.39 4.93 0.00	65.86 5.11 0.00	154.45 11.90 0.00	325.63 23.30 0.00	507.50 35.32 0.00	119.79 8.16 0.51	121.85 7.95 10.60	88.57 7.35 34.05	35.57 3.24 23.10	45.57 2.81 0.87	46.23 3.12 0.00
ASTORIA_GT_12 24226	37.76 2.14 -1.52	45.35 2.19 0.00	39.79 1.95 0.00	33.51 1.67 0.00	32.99 1.59 0.00	35.22 1.69 0.00	39.45 1.99 0.00	48.32 2.33 0.00	44.65 2.75 0.00	42.45 3.13 0.00	45.66 3.23 -0.60	50.67 3.59 0.00	49.79 3.51 0.00	67.39 4.93 0.00	65.86 5.11 0.00	154.45 11.90 0.00	325.63 23.30 0.00	507.50 35.32 0.00	119.79 8.16 0.51	121.85 7.95 10.60	88.57 7.35 34.05	35.57 3.24 23.10	45.57 2.81 0.87	46.23 3.12 0.00
ASTORIA_GT_13 24227	37.76 2.14 -1.52	45.35 2.19 0.00	39.79 1.95 0.00	33.51 1.67 0.00	32.99 1.59 0.00	35.22 1.69 0.00	39.45 1.99 0.00	48.32 2.33 0.00	44.65 2.75 0.00	42.45 3.13 0.00	45.66 3.23 -0.60	50.67 3.59 0.00	49.79 3.51 0.00	67.39 4.93 0.00	65.86 5.11 0.00	154.45 11.90 0.00	325.63 23.30 0.00	507.50 35.32 0.00	119.79 8.16 0.51	121.85 7.95 10.60	88.57 7.35 34.05	35.57 3.24 23.10	45.57 2.81 0.87	46.23 3.12 0.00
ASTORIA_GT_5 24106	37.83 2.21 -1.52	45.42 2.26 0.00	39.83 1.98 0.00	33.56 1.72 0.00	33.08 1.68 0.00	35.32 1.79 0.00	39.53 2.06 0.00	48.44 2.46 0.00	44.75 2.86 0.00	42.51 3.20 0.00	45.81 3.38 -0.60	50.89 3.81 0.00	50.09 3.80 0.00	67.90 5.44 0.00	66.32 5.58 0.00	155.16 12.61 0.00	327.40 25.07 0.00	510.50 38.31 0.00	120.96 8.82 0.00	133.26 8.76 -0.01	123.30 8.02 -0.01	59.02 3.58 -0.01	46.70 3.08 0.00	46.37 3.25 0.00
ASTORIA_GT_7 24107	37.83 2.21 -1.52	45.42 2.26 0.00	39.83 1.98 0.00	33.56 1.72 0.00	33.08 1.68 0.00	35.32 1.79 0.00	39.53 2.06 0.00	48.44 2.46 0.00	44.75 2.86 0.00	42.51 3.20 0.00	45.81 3.38 -0.60	50.89 3.81 0.00	50.09 3.80 0.00	67.90 5.44 0.00	66.32 5.58 0.00	155.16 12.61 0.00	327.40 25.07 0.00	510.50 38.31 0.00	120.96 8.82 0.00	133.26 8.76 -0.01	123.30 8.02 -0.01	59.02 3.58 -0.01	46.70 3.08 0.00	46.37 3.25 0.00
ASTORIA_GT_8 24108	37.83 2.21 -1.52	45.42 2.26 0.00	39.83 1.98 0.00	33.56 1.72 0.00	33.08 1.68 0.00	35.32 1.79 0.00	39.53 2.06 0.00	48.44 2.46 0.00	44.75 2.86 0.00	42.51 3.20 0.00	45.81 3.38 -0.60	50.89 3.81 0.00	50.09 3.80 0.00	67.90 5.44 0.00	66.32 5.58 0.00	155.16 12.61 0.00	327.40 25.07 0.00	510.50 38.31 0.00	120.96 8.82 0.00	133.26 8.76 -0.01	123.30 8.02 -0.01	59.02 3.58 -0.01	46.70 3.08 0.00	46.37 3.25 0.00
ASTORIA___2 24149	37.73 2.11 -1.52	45.31 2.15 0.00	39.74 1.90 0.00	33.49 1.65 0.00	33.01 1.61 0.00	35.25 1.72 0.00	39.44 1.97 0.00	48.33 2.34 0.00	44.64 2.75 0.00	42.40 3.08 0.00	45.68 3.25 -0.60	50.73 3.64 0.00	49.93 3.64 0.00	67.67 5.20 0.00	66.12 5.38 0.00	154.62 12.07 0.00	326.39 24.06 0.00	508.87 36.68 0.00	120.62 8.48 0.00	132.81 8.30 -0.01	122.91 7.64 -0.01	58.85 3.42 -0.01	46.57 2.94 0.00	46.24 3.12 0.00
ASTORIA___3 23516	37.75 2.14 -1.52	45.35 2.19 0.00	39.78 1.94 0.00	33.50 1.67 0.00	32.98 1.59 0.00	35.22 1.69 0.00	39.45 1.99 0.00	48.32 2.33 0.00	44.65 2.76 0.00	42.45 3.13 0.00	45.68 3.25 -0.60	50.67 3.59 0.00	49.80 3.51 0.00	67.40 4.93 0.00	65.85 5.11 0.00	154.46 11.91 0.00	325.68 23.35 0.00	507.46 35.27 0.00	119.79 8.16 0.51	121.84 7.95 10.60	88.54 7.33 34.05	35.57 3.25 23.10	45.56 2.81 0.87	46.23 3.12 0.00
ASTORIA___4 23517	37.76 2.14 -1.52	45.35 2.19 0.00	39.78 1.94 0.00	33.51 1.67 0.00	32.99 1.59 0.00	35.22 1.69 0.00	39.45 1.99 0.00	48.32 2.33 0.00	44.65 2.75 0.00	42.45 3.13 0.00	45.66 3.23 -0.60	50.67 3.59 0.00	49.79 3.51 0.00	67.39 4.93 0.00	65.86 5.11 0.00	154.45 11.90 0.00	325.63 23.30 0.00	507.50 35.32 0.00	119.77 8.14 0.51	121.84 7.95 10.60	88.53 7.32 34.05	35.57 3.24 23.10	45.56 2.81 0.87	46.23 3.12 0.00
ASTORIA___5 23518	37.75 2.14 -1.52	45.35 2.19 0.00	39.78 1.94 0.00	33.50 1.67 0.00	32.98 1.59 0.00	35.22 1.69 0.00	39.45 1.99 0.00	48.32 2.33 0.00	44.65 2.76 0.00	42.45 3.13 0.00	45.68 3.25 -0.60	50.67 3.59 0.00	49.80 3.51 0.00	67.40 4.93 0.00	65.85 5.11 0.00	154.46 11.91 0.00	325.68 23.35 0.00	507.46 35.27 0.00	119.79 8.16 0.51	121.84 7.95 10.60	88.54 7.33 34.05	35.57 3.25 23.10	45.56 2.81 0.87	46.23 3.12 0.00
AST_ENERGY_2_CC3 323677	37.67 2.05 -1.52	45.31 2.15 0.00	39.71 1.86 0.00	33.43 1.59 0.00	32.90 1.50 0.00	35.13 1.60 0.00	39.35 1.88 0.00	48.22 2.24 0.00	44.51 2.61 0.00	42.37 3.06 0.00	45.64 3.21 -0.60	50.69 3.61 0.00	49.86 3.57 0.00	67.50 5.04 0.00	65.96 5.22 0.00	154.76 12.21 0.00	326.37 24.04 0.00	508.56 36.37 0.00	120.60 8.46 0.00	132.95 8.46 0.00	122.86 7.60 0.00	58.86 3.43 0.00	46.48 2.85 0.00	46.14 3.03 0.00
AST_ENERGY_2_CC4 323678	37.67 2.05 -1.52	45.31 2.15 0.00	39.71 1.86 0.00	33.43 1.59 0.00	32.90 1.50 0.00	35.13 1.60 0.00	39.35 1.88 0.00	48.22 2.24 0.00	44.51 2.61 0.00	42.37 3.06 0.00	45.64 3.21 -0.60	50.69 3.61 0.00	49.86 3.57 0.00	67.50 5.04 0.00	65.96 5.22 0.00	154.76 12.21 0.00	326.37 24.04 0.00	508.56 36.37 0.00	120.60 8.46 0.00	132.95 8.46 0.00	122.86 7.60 0.00	58.86 3.43 0.00	46.48 2.85 0.00	46.14 3.03 0.00

ATHENS_STG_1 23668	35.53 1.11 -0.33	44.47 1.31 0.00	38.95 1.10 0.00	32.81 0.97 0.00	32.32 0.92 0.00	34.49 0.96 0.00	38.54 1.07 0.00	47.25 1.26 0.00	43.03 1.13 0.00	40.61 1.30 0.00	43.33 1.37 -0.13	48.59 1.50 0.00	47.76 1.47 0.00	64.64 2.18 0.00	63.06 2.32 0.00	148.17 5.62 0.00	313.34 11.02 0.00	488.97 16.78 0.00	116.11 3.97 0.00	128.50 4.00 0.00	118.92 3.66 0.00	57.08 1.65 0.00	44.99 1.36 0.00	44.50 1.38 0.00
ATHENS_STG_2 23670	35.53 1.11 -0.33	44.47 1.31 0.00	38.95 1.10 0.00	32.81 0.97 0.00	32.32 0.92 0.00	34.49 0.96 0.00	38.54 1.07 0.00	47.25 1.26 0.00	43.03 1.13 0.00	40.61 1.30 0.00	43.33 1.37 -0.13	48.59 1.50 0.00	47.76 1.47 0.00	64.64 2.18 0.00	63.06 2.32 0.00	148.17 5.62 0.00	313.34 11.02 0.00	488.97 16.78 0.00	116.11 3.97 0.00	128.50 4.00 0.00	118.92 3.66 0.00	57.08 1.65 0.00	44.99 1.36 0.00	44.50 1.38 0.00
ATHENS_STG_3 23677	35.53 1.11 -0.33	44.47 1.31 0.00	38.95 1.10 0.00	32.81 0.97 0.00	32.32 0.92 0.00	34.49 0.96 0.00	38.54 1.07 0.00	47.25 1.26 0.00	43.03 1.13 0.00	40.61 1.30 0.00	43.33 1.37 -0.13	48.59 1.50 0.00	47.76 1.47 0.00	64.64 2.18 0.00	63.06 2.32 0.00	148.17 5.62 0.00	313.34 11.02 0.00	488.97 16.78 0.00	116.11 3.97 0.00	128.50 4.00 0.00	118.92 3.66 0.00	57.08 1.65 0.00	44.99 1.36 0.00	44.50 1.38 0.00
AUBURN___LFGE 323710	35.24 1.07 -0.07	44.11 0.81 -0.13	38.46 0.62 0.00	32.25 0.41 0.00	31.82 0.42 0.00	34.05 0.52 0.00	38.18 0.72 0.00	48.56 1.13 -1.44	43.33 1.14 -0.29	40.54 1.20 -0.03	43.38 1.49 -0.06	49.79 1.77 -0.95	49.40 2.03 -1.08	68.60 2.50 -3.64	65.84 2.08 -3.01	147.27 4.32 -0.40	312.32 9.87 -0.12	485.54 13.35 0.00	115.79 3.66 0.00	129.15 4.64 -0.01	125.06 3.89 -5.91	59.52 1.92 -2.18	45.38 1.64 -0.11	44.91 1.41 -0.38
BABYLON_RES_REC 323704	48.87 2.45 -12.33	57.07 2.70 -11.21	53.16 2.35 -12.97	56.94 1.99 -23.10	54.94 1.88 -21.66	48.01 1.98 -12.49	39.74 2.28 0.00	48.10 2.11 0.00	44.80 2.91 0.00	42.60 3.29 0.00	45.97 3.54 -0.60	50.83 3.75 0.00	50.87 3.72 -0.86	68.10 4.90 -0.74	103.96 5.45 -37.76	204.45 13.31 -48.59	434.42 27.39 -104.71	520.23 40.98 -7.06	136.83 9.06 -15.63	149.90 9.51 -15.89	149.18 8.90 -25.01	94.82 4.07 -35.32	46.81 3.18 0.00	45.94 2.83 0.00
BABYLON___69_KV_BK2 356345	49.72 3.30 -12.33	58.10 3.72 -11.21	54.04 3.23 -12.97	57.67 2.73 -23.10	55.63 2.58 -21.66	48.76 2.74 -12.49	40.59 3.12 0.00	49.01 3.02 0.00	45.74 3.84 0.00	43.54 4.23 0.00	47.02 4.58 -0.60	52.10 5.02 0.00	52.56 5.10 -1.17	69.76 6.65 -0.65	102.16 7.17 -34.24	208.25 35.92 -48.24	440.44 54.20 -102.19	532.85 12.13 -6.45	146.70 13.16 -22.44	166.12 13.16 -28.46	166.13 12.42 -38.44	98.35 5.74 -37.17	47.91 4.29 0.00	46.94 3.83 0.00
BALL_HILL_WT_PWR 323825	36.31 2.22 0.00	44.82 1.66 0.00	38.66 0.82 0.00	31.95 0.11 0.00	31.63 0.23 0.00	33.96 0.43 0.00	38.28 0.81 0.00	47.76 1.77 0.00	44.85 2.95 0.00	42.07 2.76 0.00	45.22 3.39 0.00	51.57 4.50 0.00	51.05 4.76 0.00	67.81 5.34 0.00	64.57 3.82 0.00	148.77 6.23 0.00	315.93 13.60 0.00	483.61 11.42 0.00	114.91 2.78 0.00	129.62 5.13 0.00	119.13 3.86 0.00	58.03 2.60 0.00	46.20 2.58 0.00	45.58 2.47 0.00
BARON_WINDS___WT_PWR 323822	35.11 0.99 -0.02	43.81 0.61 -0.03	37.95 0.11 0.00	31.60 -0.24 0.00	31.38 -0.02 0.00	33.74 0.21 0.00	37.98 0.51 0.00	47.60 1.25 -0.36	43.93 1.96 -0.07	41.25 1.93 -0.01	44.09 2.24 -0.02	50.35 3.03 -0.24	50.08 3.52 -0.27	67.29 3.91 -0.91	64.37 2.88 -0.76	148.40 5.75 -0.10	315.75 13.39 -0.03	484.12 11.93 0.00	115.17 3.03 0.00	128.73 4.23 0.00	120.09 3.34 -1.48	57.96 1.99 -0.54	45.34 1.69 -0.03	45.02 1.81 -0.10
BARRETT_IC_1 23704	48.90 2.47 -12.33	57.09 2.72 -11.21	53.15 2.34 -12.97	56.96 2.01 -23.10	54.97 1.92 -21.66	48.04 2.02 -12.49	39.69 2.22 0.00	48.13 2.14 0.00	44.66 2.76 0.00	42.42 3.10 0.00	45.69 3.26 -0.60	50.56 3.48 0.00	50.52 3.54 -0.68	67.48 4.78 -0.24	79.67 5.08 -13.85	185.45 12.26 -30.64	412.11 24.72 -85.06	510.22 37.21 -0.83	136.09 8.33 -15.62	147.73 8.59 -14.65	146.80 8.04 -23.50	93.93 3.88 -34.62	46.76 3.13 0.00	46.06 2.94 0.00
BARRETT_IC_10 23701	48.90 2.47 -12.33	57.09 2.72 -11.21	53.15 2.34 -12.97	56.96 2.01 -23.10	54.97 1.92 -21.66	48.04 2.02 -12.49	39.69 2.22 0.00	48.13 2.14 0.00	44.66 2.76 0.00	42.42 3.10 0.00	45.69 3.26 -0.60	50.56 3.48 0.00	50.52 3.54 -0.68	67.48 4.78 -0.24	79.67 5.08 -13.85	185.45 12.26 -30.64	412.11 24.72 -85.06	510.22 37.21 -0.83	136.09 8.33 -15.62	147.73 8.59 -14.65	146.80 8.04 -23.50	93.93 3.88 -34.62	46.76 3.13 0.00	46.06 2.94 0.00
BARRETT_IC_11 23702	48.90 2.47 -12.33	57.09 2.72 -11.21	53.15 2.34 -12.97	56.96 2.01 -23.10	54.97 1.92 -21.66	48.04 2.02 -12.49	39.69 2.22 0.00	48.13 2.14 0.00	44.66 2.76 0.00	42.42 3.10 0.00	45.69 3.26 -0.60	50.56 3.48 0.00	50.52 3.54 -0.68	67.48 4.78 -0.24	79.67 5.08 -13.85	185.45 12.26 -30.64	412.11 24.72 -85.06	510.22 37.21 -0.83	136.09 8.33 -15.62	147.73 8.59 -14.65	146.80 8.04 -23.50	93.93 3.88 -34.62	46.76 3.13 0.00	46.06 2.94 0.00
BARRETT_IC_12 23703	48.90 2.47 -12.33	57.09 2.72 -11.21	53.15 2.34 -12.97	56.96 2.01 -23.10	54.97 1.92 -21.66	48.04 2.02 -12.49	39.69 2.22 0.00	48.13 2.14 0.00	44.66 2.76 0.00	42.42 3.10 0.00	45.69 3.26 -0.60	50.56 3.48 0.00	50.52 3.54 -0.68	67.48 4.78 -0.24	79.67 5.08 -13.85	185.45 12.26 -30.64	412.11 24.72 -85.06	510.22 37.21 -0.83	136.09 8.33 -15.62	147.73 8.59 -14.65	146.80 8.04 -23.50	93.93 3.88 -34.62	46.76 3.13 0.00	46.06 2.94 0.00
BARRETT_IC_2 23705	48.90 2.47 -12.33	57.09 2.72 -11.21	53.15 2.34 -12.97	56.96 2.01 -23.10	54.97 1.92 -21.66	48.04 2.02 -12.49	39.69 2.22 0.00	48.13 2.14 0.00	44.66 2.76 0.00	42.42 3.10 0.00	45.69 3.26 -0.60	50.56 3.48 0.00	50.52 3.54 -0.68	67.48 4.78 -0.24	79.67 5.08 -13.85	185.45 12.26 -30.64	412.11 24.72 -85.06	510.22 37.21 -0.83	136.09 8.33 -15.62	147.73 8.59 -14.65	146.80 8.04 -23.50	93.93 3.88 -34.62	46.76 3.13 0.00	46.06 2.94 0.00
BARRETT_IC_3 23706	48.90 2.47 -12.33	57.09 2.72 -11.21	53.15 2.34 -12.97	56.96 2.01 -23.10	54.97 1.92 -21.66	48.04 2.02 -12.49	39.69 2.22 0.00	48.13 2.14 0.00	44.66 2.76 0.00	42.42 3.10 0.00	45.69 3.26 -0.60	50.56 3.48 0.00	50.52 3.54 -0.68	67.48 4.78 -0.24	79.67 5.08 -13.85	185.45 12.26 -30.64	412.11 24.72 -85.06	510.22 37.21 -0.83	136.09 8.33 -15.62	147.73 8.59 -14.65	146.80 8.04 -23.50	93.93 3.88 -34.62	46.76 3.13 0.00	46.06 2.94 0.00
BARRETT_IC_4 23707	48.90 2.47 -12.33	57.09 2.72 -11.21	53.15 2.34 -12.97	56.96 2.01 -23.10	54.97 1.92 -21.66	48.04 2.02 -12.49	39.69 2.22 0.00	48.13 2.14 0.00	44.66 2.76 0.00	42.42 3.10 0.00	45.69 3.26 -0.60	50.56 3.48 0.00	50.52 3.54 -0.68	67.48 4.78 -0.24	79.67 5.08 -13.85	185.45 12.26 -30.64	412.11 24.72 -85.06	510.22 37.21 -0.83	136.09 8.33 -15.62	147.73 8.59 -14.65	146.80 8.04 -23.50	93.93 3.88 -34.62	46.76 3.13 0.00	46.06 2.94 0.00

BARRETT_IC_5 23708	48.90 2.47 -12.33	57.09 2.72 -11.21	53.15 2.34 -12.97	56.96 2.01 -23.10	54.97 1.92 -21.66	48.04 2.02 -12.49	39.69 2.22 0.00	48.13 2.14 0.00	44.66 2.76 0.00	42.42 3.10 0.00	45.69 3.26 -0.60	50.56 3.48 0.00	50.52 3.54 -0.68	67.48 4.78 -0.24	79.67 5.08 -13.85	185.45 12.26 -30.64	412.11 24.72 -85.06	510.22 37.21 -0.83	136.09 8.33 -15.62	147.73 8.59 -14.65	146.80 8.04 -23.50	93.93 3.88 -34.62	46.76 3.13 0.00	46.06 2.94 0.00
BARRETT_IC_6 23709	48.90 2.47 -12.33	57.09 2.72 -11.21	53.15 2.34 -12.97	56.96 2.01 -23.10	54.97 1.92 -21.66	48.04 2.02 -12.49	39.69 2.22 0.00	48.13 2.14 0.00	44.66 2.76 0.00	42.42 3.10 0.00	45.69 3.26 -0.60	50.56 3.48 0.00	50.52 3.54 -0.68	67.48 4.78 -0.24	79.67 5.08 -13.85	185.45 12.26 -30.64	412.11 24.72 -85.06	510.22 37.21 -0.83	136.09 8.33 -15.62	147.73 8.59 -14.65	146.80 8.04 -23.50	93.93 3.88 -34.62	46.76 3.13 0.00	46.06 2.94 0.00
BARRETT_IC_7 23710	48.90 2.47 -12.33	57.09 2.72 -11.21	53.16 2.34 -12.97	56.96 2.01 -23.10	54.97 1.92 -21.66	48.04 2.02 -12.49	39.69 2.22 0.00	48.13 2.14 0.00	44.66 2.76 0.00	42.42 3.10 0.00	45.69 3.26 -0.60	50.57 3.49 0.00	50.52 3.54 -0.68	67.48 4.78 -0.24	79.67 5.08 -13.85	185.49 12.30 -30.64	412.06 24.67 -85.06	510.26 37.25 -0.83	136.10 8.33 -15.63	147.74 8.59 -14.65	146.80 8.04 -23.50	93.92 3.88 -34.62	46.75 3.13 0.00	46.06 2.94 0.00
BARRETT_IC_8 23711	48.90 2.47 -12.33	57.09 2.72 -11.21	53.15 2.34 -12.97	56.96 2.01 -23.10	54.97 1.92 -21.66	48.04 2.02 -12.49	39.69 2.22 0.00	48.13 2.14 0.00	44.66 2.76 0.00	42.42 3.10 0.00	45.69 3.26 -0.60	50.56 3.48 0.00	50.52 3.54 -0.68	67.48 4.78 -0.24	79.67 5.08 -13.85	185.45 12.26 -30.64	412.11 24.72 -85.06	510.22 37.21 -0.83	136.09 8.33 -15.62	147.73 8.59 -14.65	146.80 8.04 -23.50	93.93 3.88 -34.62	46.76 3.13 0.00	46.06 2.94 0.00
BARRETT_IC_9 23700	48.90 2.47 -12.33	57.09 2.72 -11.21	53.15 2.34 -12.97	56.96 2.01 -23.10	54.97 1.92 -21.66	48.04 2.02 -12.49	39.69 2.22 0.00	48.13 2.14 0.00	44.66 2.76 0.00	42.42 3.10 0.00	45.69 3.26 -0.60	50.56 3.48 0.00	50.52 3.54 -0.68	67.48 4.78 -0.24	79.67 5.08 -13.85	185.45 12.26 -30.64	412.11 24.72 -85.06	510.22 37.21 -0.83	136.09 8.33 -15.62	147.73 8.59 -14.65	146.80 8.04 -23.50	93.93 3.88 -34.62	46.76 3.13 0.00	46.06 2.94 0.00
BARRETT___1 23545	48.90 2.47 -12.33	57.09 2.72 -11.21	53.15 2.34 -12.97	56.96 2.01 -23.10	54.97 1.92 -21.66	48.04 2.02 -12.49	39.69 2.22 0.00	48.13 2.14 0.00	44.66 2.76 0.00	42.42 3.10 0.00	45.69 3.26 -0.60	50.56 3.48 0.00	50.52 3.54 -0.68	67.48 4.78 -0.24	79.67 5.08 -13.85	185.45 12.26 -30.64	412.11 24.72 -85.06	510.22 37.21 -0.83	136.09 8.33 -15.62	147.73 8.59 -14.65	146.80 8.04 -23.50	93.93 3.88 -34.62	46.76 3.13 0.00	46.06 2.94 0.00
BARRETT___2 23546	48.90 2.47 -12.33	57.09 2.72 -11.21	53.15 2.34 -12.97	56.96 2.01 -23.10	54.97 1.92 -21.66	48.04 2.02 -12.49	39.69 2.22 0.00	48.13 2.14 0.00	44.66 2.76 0.00	42.42 3.10 0.00	45.69 3.26 -0.60	50.56 3.48 0.00	50.52 3.54 -0.68	67.48 4.78 -0.24	79.67 5.08 -13.85	185.45 12.26 -30.64	412.11 24.72 -85.06	510.22 37.21 -0.83	136.09 8.33 -15.62	147.73 8.59 -14.65	146.80 8.04 -23.50	93.93 3.88 -34.62	46.76 3.13 0.00	46.06 2.94 0.00
BATAVIA__115KV_TB1 55881	36.86 2.76 0.00	45.41 2.24 0.00	39.15 1.31 0.00	32.34 0.50 0.00	31.96 0.56 0.00	34.29 0.76 0.00	38.64 1.17 0.00	48.30 2.32 0.00	45.23 3.34 0.00	42.28 2.97 0.00	45.51 3.67 0.00	51.88 4.80 0.00	51.50 5.21 0.00	68.77 6.31 0.00	65.50 4.76 0.00	150.73 8.18 -0.01	318.55 16.22 0.00	493.34 21.15 0.00	117.59 5.45 0.00	133.13 8.64 0.00	121.78 6.51 0.00	59.23 3.80 0.00	47.18 3.55 0.00	46.47 3.36 0.00
BAYONEEC___CTG1 323682	37.74 2.12 -1.52	45.37 2.22 0.00	39.77 1.92 0.00	33.48 1.64 0.00	32.95 1.55 0.00	35.17 1.64 0.00	39.41 1.95 0.00	48.30 2.32 0.00	44.56 2.67 0.00	42.42 3.11 0.00	45.70 3.26 -0.60	50.71 3.63 0.00	49.15 3.60 0.74	67.55 5.08 0.00	66.00 5.26 0.00	152.02 12.35 2.88	325.40 24.19 1.12	508.95 36.76 0.00	120.74 8.60 0.00	133.08 8.58 0.00	122.98 7.71 0.00	58.91 3.48 0.00	46.53 2.91 0.00	46.21 3.10 0.00
BAYONEEC___CTG10 323750	37.74 2.12 -1.52	45.37 2.22 0.00	39.77 1.92 0.00	33.48 1.64 0.00	32.95 1.55 0.00	35.17 1.64 0.00	39.41 1.95 0.00	48.30 2.32 0.00	44.56 2.67 0.00	42.42 3.11 0.00	45.70 3.26 -0.60	50.71 3.63 0.00	49.15 3.60 0.74	67.55 5.08 0.00	66.00 5.26 0.00	152.02 12.35 2.88	325.40 24.19 1.12	508.95 36.76 0.00	120.74 8.60 0.00	133.08 8.58 0.00	122.98 7.71 0.00	58.91 3.48 0.00	46.53 2.91 0.00	46.21 3.10 0.00
BAYONEEC___CTG2 323683	37.74 2.12 -1.52	45.37 2.22 0.00	39.77 1.92 0.00	33.48 1.64 0.00	32.95 1.55 0.00	35.17 1.64 0.00	39.41 1.95 0.00	48.30 2.32 0.00	44.56 2.67 0.00	42.42 3.11 0.00	45.70 3.26 -0.60	50.71 3.63 0.00	49.15 3.60 0.74	67.55 5.08 0.00	66.00 5.26 0.00	152.02 12.35 2.88	325.40 24.19 1.12	508.95 36.76 0.00	120.74 8.60 0.00	133.08 8.58 0.00	122.98 7.71 0.00	58.91 3.48 0.00	46.53 2.91 0.00	46.21 3.10 0.00
BAYONEEC___CTG3 323684	37.74 2.12 -1.52	45.37 2.22 0.00	39.77 1.92 0.00	33.48 1.64 0.00	32.95 1.55 0.00	35.17 1.64 0.00	39.41 1.95 0.00	48.30 2.32 0.00	44.56 2.67 0.00	42.42 3.11 0.00	45.70 3.26 -0.60	50.71 3.63 0.00	49.15 3.60 0.74	67.55 5.08 0.00	66.00 5.26 0.00	152.02 12.35 2.88	325.40 24.19 1.12	508.95 36.76 0.00	120.74 8.60 0.00	133.08 8.58 0.00	122.98 7.71 0.00	58.91 3.48 0.00	46.53 2.91 0.00	46.21 3.10 0.00
BAYONEEC___CTG4 323685	37.74 2.12 -1.52	45.37 2.22 0.00	39.77 1.92 0.00	33.48 1.64 0.00	32.95 1.55 0.00	35.17 1.64 0.00	39.41 1.95 0.00	48.30 2.32 0.00	44.56 2.67 0.00	42.42 3.11 0.00	45.70 3.26 -0.60	50.71 3.63 0.00	49.15 3.60 0.74	67.55 5.08 0.00	66.00 5.26 0.00	152.02 12.35 2.88	325.40 24.19 1.12	508.95 36.76 0.00	120.74 8.60 0.00	133.08 8.58 0.00	122.98 7.71 0.00	58.91 3.48 0.00	46.53 2.91 0.00	46.21 3.10 0.00
BAYONEEC___CTG5 323686	37.74 2.12 -1.52	45.37 2.22 0.00	39.77 1.92 0.00	33.48 1.64 0.00	32.95 1.55 0.00	35.17 1.64 0.00	39.41 1.95 0.00	48.30 2.32 0.00	44.56 2.67 0.00	42.42 3.11 0.00	45.70 3.26 -0.60	50.71 3.63 0.00	49.15 3.60 0.74	67.55 5.08 0.00	66.00 5.26 0.00	152.02 12.35 2.88	325.40 24.19 1.12	508.95 36.76 0.00	120.74 8.60 0.00	133.08 8.58 0.00	122.98 7.71 0.00	58.91 3.48 0.00	46.53 2.91 0.00	46.21 3.10 0.00
BAYONEEC___CTG6 323687	37.74 2.12 -1.52	45.37 2.22 0.00	39.77 1.92 0.00	33.48 1.64 0.00	32.95 1.55 0.00	35.17 1.64 0.00	39.41 1.95 0.00	48.30 2.32 0.00	44.56 2.67 0.00	42.42 3.11 0.00	45.70 3.26 -0.60	50.71 3.63 0.00	49.15 3.60 0.74	67.55 5.08 0.00	66.00 5.26 0.00	152.02 12.35 2.88	325.40 24.19 1.12	508.95 36.76 0.00	120.74 8.60 0.00	133.08 8.58 0.00	122.98 7.71 0.00	58.91 3.48 0.00	46.53 2.91 0.00	46.21 3.10 0.00

BAYONEEC___CTG7 323688	37.74 2.12 -1.52	45.37 2.22 0.00	39.77 1.92 0.00	33.48 1.64 0.00	32.95 1.55 0.00	35.17 1.64 0.00	39.41 1.95 0.00	48.30 2.32 0.00	44.56 2.67 0.00	42.42 3.11 0.00	45.70 3.26 -0.60	50.71 3.63 0.00	49.15 3.60 0.74	67.55 5.08 0.00	66.00 5.26 0.00	152.02 12.35 2.88	325.40 24.19 1.12	508.95 36.76 0.00	120.74 8.60 0.00	133.08 8.58 0.00	122.98 7.71 0.00	58.91 3.48 0.00	46.53 2.91 0.00	46.21 3.10 0.00
BAYONEEC___CTG8 323689	37.74 2.12 -1.52	45.37 2.22 0.00	39.77 1.92 0.00	33.48 1.64 0.00	32.95 1.55 0.00	35.17 1.64 0.00	39.41 1.95 0.00	48.30 2.32 0.00	44.56 2.67 0.00	42.42 3.11 0.00	45.70 3.26 -0.60	50.71 3.63 0.00	49.15 3.60 0.74	67.55 5.08 0.00	66.00 5.26 0.00	152.02 12.35 2.88	325.40 24.19 1.12	508.95 36.76 0.00	120.74 8.60 0.00	133.08 8.58 0.00	122.98 7.71 0.00	58.91 3.48 0.00	46.53 2.91 0.00	46.21 3.10 0.00
BAYONEEC___CTG9 323749	37.74 2.12 -1.52	45.37 2.22 0.00	39.77 1.92 0.00	33.48 1.64 0.00	32.95 1.55 0.00	35.17 1.64 0.00	39.41 1.95 0.00	48.30 2.32 0.00	44.56 2.67 0.00	42.42 3.11 0.00	45.70 3.26 -0.60	50.71 3.63 0.00	49.15 3.60 0.74	67.55 5.08 0.00	66.00 5.26 0.00	152.02 12.35 2.88	325.40 24.19 1.12	508.95 36.76 0.00	120.74 8.60 0.00	133.08 8.58 0.00	122.98 7.71 0.00	58.91 3.48 0.00	46.53 2.91 0.00	46.21 3.10 0.00
BEACON___LESR 323632	35.61 1.26 -0.25	44.60 1.44 0.00	39.06 1.22 0.00	32.90 1.06 0.00	32.45 1.04 0.00	34.59 1.06 0.00	38.66 1.19 0.00	47.47 1.48 0.00	43.17 1.28 0.00	40.56 1.25 0.00	43.14 1.21 -0.10	48.28 1.20 0.00	47.22 0.94 0.00	64.49 2.03 0.00	62.70 1.96 0.00	148.19 5.64 0.00	313.11 10.78 0.00	490.32 18.13 0.00	116.56 4.43 0.00	129.23 4.74 0.00	119.72 4.45 0.00	57.24 1.81 0.00	45.07 1.45 0.00	44.59 1.47 0.00
BEAVER RIVER___HYD 24048	33.58 -0.56 -0.04	42.39 -0.85 -0.08	37.47 -0.37 0.00	31.79 -0.05 0.00	31.53 0.13 0.00	33.84 0.30 0.00	37.64 0.17 0.00	47.17 0.34 -0.84	42.66 0.59 -0.17	39.85 0.52 -0.02	42.41 0.55 -0.04	48.05 0.41 -0.55	47.41 0.49 -0.63	64.95 0.37 -2.12	62.93 0.43 -1.76	79.10 1.82 65.27	287.63 3.37 18.07	480.67 8.49 0.00	115.28 3.14 0.00	129.15 4.64 -0.01	123.74 5.03 -3.45	58.90 2.20 -1.27	45.14 1.45 -0.07	44.62 1.28 -0.22
BEEBEE_GT_13 23619	35.76 1.67 0.00	44.38 1.21 0.00	38.45 0.61 0.00	31.92 0.08 0.00	31.53 0.12 0.00	33.77 0.24 0.00	37.94 0.48 0.00	47.14 1.15 0.00	43.89 1.99 0.00	41.21 1.90 0.00	44.30 2.46 0.00	50.40 3.32 0.00	49.88 3.59 0.00	66.75 4.29 0.00	63.96 3.22 0.00	148.26 5.71 0.00	313.63 11.30 0.00	485.77 13.58 0.00	115.54 3.40 0.00	129.83 5.33 0.00	118.71 3.44 0.00	57.63 2.20 0.00	45.77 2.15 0.00	45.08 1.97 0.00
BENSHRST_27_KV_BENSHRST_1 355998	38.25 2.63 -1.52	45.93 2.77 0.00	40.27 2.43 0.00	33.90 2.06 0.00	33.35 1.95 0.00	35.63 2.09 0.00	39.90 2.43 0.00	48.84 2.85 0.00	45.14 3.24 0.00	42.97 3.66 0.00	46.26 3.84 -0.60	51.45 4.37 0.00	50.64 4.35 0.00	68.62 6.15 0.00	67.00 6.26 0.00	156.98 14.43 0.00	331.16 28.83 0.00	516.24 44.05 0.00	123.23 10.14 -0.95	154.24 10.12 -19.62	258.24 9.47 -133.51	102.43 4.23 -42.76	49.31 3.59 -2.10	46.91 3.80 0.00
BETHLEHEM___GRP 23843	34.99 0.65 -0.25	43.91 0.75 0.00	38.47 0.62 0.00	32.45 0.61 0.00	31.98 0.59 0.00	34.09 0.56 0.00	38.00 0.53 0.00	46.58 0.59 0.00	42.33 0.43 0.00	39.77 0.46 0.00	42.33 0.40 -0.10	47.40 0.32 0.00	46.54 0.25 0.00	63.20 0.74 0.00	61.67 0.93 0.00	145.04 2.49 0.00	306.66 4.33 0.00	479.73 7.55 0.00	114.10 1.96 0.00	126.42 1.92 0.00	117.09 1.83 0.00	56.18 0.75 0.00	44.29 0.67 0.00	43.84 0.73 0.00
BETHLEHEM___GS1 323560	34.99 0.65 -0.25	43.91 0.75 0.00	38.47 0.62 0.00	32.45 0.61 0.00	31.98 0.58 0.00	34.09 0.56 0.00	38.00 0.53 0.00	46.58 0.59 0.00	42.33 0.43 0.00	39.78 0.47 0.00	42.33 0.40 -0.10	47.40 0.33 0.00	46.54 0.25 0.00	63.20 0.74 0.00	61.67 0.93 0.00	144.98 2.44 0.00	306.65 4.33 0.00	479.77 7.58 0.00	114.09 1.96 0.00	126.42 1.92 0.00	117.09 1.82 0.00	56.18 0.75 0.00	44.29 0.67 0.00	43.84 0.73 0.00
BETHLEHEM___GS2 323561	34.99 0.65 -0.25	43.91 0.75 0.00	38.47 0.62 0.00	32.45 0.61 0.00	31.98 0.58 0.00	34.09 0.56 0.00	38.00 0.53 0.00	46.58 0.59 0.00	42.33 0.43 0.00	39.78 0.47 0.00	42.33 0.40 -0.10	47.40 0.33 0.00	46.54 0.25 0.00	63.20 0.74 0.00	61.67 0.93 0.00	144.98 2.44 0.00	306.65 4.33 0.00	479.77 7.58 0.00	114.09 1.96 0.00	126.42 1.92 0.00	117.09 1.82 0.00	56.18 0.75 0.00	44.29 0.67 0.00	43.84 0.73 0.00
BETHLEHEM___GS3 323562	34.99 0.65 -0.25	43.91 0.75 0.00	38.47 0.62 0.00	32.45 0.61 0.00	31.98 0.58 0.00	34.09 0.56 0.00	38.00 0.53 0.00	46.58 0.59 0.00	42.33 0.43 0.00	39.78 0.47 0.00	42.33 0.40 -0.10	47.40 0.33 0.00	46.54 0.25 0.00	63.20 0.74 0.00	61.67 0.93 0.00	144.98 2.44 0.00	306.65 4.33 0.00	479.77 7.58 0.00	114.09 1.96 0.00	126.42 1.92 0.00	117.09 1.82 0.00	56.18 0.75 0.00	44.29 0.67 0.00	43.84 0.73 0.00
BETHLEHEM___STEEL 23779	36.17 2.08 0.00	44.60 1.44 0.00	38.47 0.62 0.00	31.74 -0.10 0.00	31.42 0.02 0.00	33.70 0.17 0.00	37.96 0.49 0.00	47.43 1.44 0.00	44.62 2.72 0.00	41.79 2.48 0.00	44.97 3.14 0.00	51.31 4.24 0.00	50.83 4.54 0.00	67.56 5.09 0.00	64.29 3.55 0.00	148.24 5.69 0.00	313.51 11.18 0.00	481.88 9.69 0.00	114.33 2.19 0.00	129.41 4.92 0.00	118.50 3.23 0.00	57.74 2.31 0.00	46.11 2.49 0.00	45.57 2.45 0.00
BETHLHEM_115KV_TB1 79974	35.07 0.72 -0.25	44.01 0.84 0.00	38.56 0.71 0.00	32.51 0.68 0.00	32.05 0.65 0.00	34.17 0.64 0.00	38.10 0.63 0.00	46.70 0.71 0.00	42.44 0.54 0.00	39.89 0.58 0.00	42.44 0.51 -0.10	47.54 0.46 0.00	46.69 0.40 0.00	63.34 0.88 0.00	61.81 1.07 0.00	145.32 2.77 0.00	307.32 4.99 0.00	480.72 8.53 0.00	114.34 2.20 0.00	126.67 2.17 0.00	117.33 2.06 0.00	56.31 0.88 0.00	44.40 0.77 0.00	43.94 0.83 0.00
BETHPAGE_CC_5 323564	48.99 2.56 -12.33	57.20 2.83 -11.21	53.30 2.48 -12.97	57.06 2.12 -23.10	55.08 2.02 -21.66	48.15 2.12 -12.49	39.90 2.43 0.00	48.46 2.47 0.00	45.15 3.25 0.00	42.93 3.62 0.00	46.16 3.73 -0.60	51.04 3.96 0.00	51.11 4.04 -0.78	68.81 5.38 -0.97	113.26 5.82 -46.71	211.97 14.14 -55.29	442.78 28.65 -111.81	524.63 43.13 -9.31	137.34 9.58 -15.63	149.16 10.02 -14.65	148.00 9.24 -23.50	94.28 4.23 -34.62	46.77 3.14 0.00	45.94 2.83 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	36.27 2.17 0.00	44.70 1.54 0.00	38.55 0.70 0.00	31.81 -0.03 0.00	31.50 0.09 0.00	33.79 0.26 0.00	38.06 0.59 0.00	47.56 1.57 0.00	44.74 2.84 0.00	41.94 2.63 0.00	45.12 3.29 0.00	51.51 4.43 0.00	51.05 4.76 0.00	67.86 5.40 0.00	64.62 3.88 0.00	149.04 6.49 0.00	315.26 12.93 0.00	484.61 12.42 0.00	114.90 2.76 0.00	130.02 5.53 0.00	119.10 3.83 0.00	57.98 2.55 0.00	46.27 2.64 0.00	45.70 2.59 0.00

BINGHAMTON___COGEN 23790	35.13 1.00 -0.03	44.14 0.92 -0.06	38.43 0.59 0.00	32.18 0.34 0.00	31.79 0.39 0.00	34.04 0.51 0.00	38.20 0.74 0.00	47.72 1.08 -0.66	43.27 1.25 -0.13	40.66 1.33 -0.01	43.33 1.47 -0.03	49.39 1.88 -0.43	48.94 2.16 -0.49	66.76 2.64 -1.65	64.41 2.30 -1.37	147.88 5.15 -0.18	314.11 11.73 -0.05	485.50 13.31 0.00	115.42 3.29 0.00	128.27 3.77 -0.01	121.27 3.33 -2.68	58.04 1.62 -0.99	44.98 1.30 -0.05	44.49 1.20 -0.17
BIXINCNT_115KV_LOAD 355685	36.34 2.25 0.00	44.84 1.67 0.00	38.66 0.81 0.00	31.91 0.07 0.00	31.67 0.27 0.00	34.05 0.51 0.00	38.47 1.00 0.00	48.05 2.06 0.00	45.14 3.24 0.00	42.29 2.98 0.00	45.36 3.53 0.00	51.76 4.68 0.00	51.32 5.03 0.00	68.32 5.86 0.00	65.14 4.39 0.00	150.13 7.59 0.00	317.86 15.54 0.00	488.12 15.94 0.00	115.42 3.28 0.00	129.95 5.45 0.00	119.50 4.23 0.00	58.09 2.66 0.00	46.23 2.61 0.00	45.78 2.67 0.00
BLACK RIVER___HYD 24047	33.90 -0.27 -0.07	42.76 -0.53 -0.13	37.77 -0.07 0.00	32.01 0.17 0.00	31.75 0.35 0.00	34.18 0.65 0.00	37.99 0.52 0.00	48.19 0.78 -1.42	43.27 1.09 -0.28	40.34 1.00 -0.03	42.89 1.00 -0.06	48.96 0.95 -0.93	48.44 1.09 -1.06	67.07 1.02 -3.59	64.74 1.02 -2.97	101.00 3.20 44.75	296.07 6.13 12.39	485.41 13.22 0.00	116.78 4.65 0.00	131.36 6.85 -0.02	128.24 7.15 -5.83	60.77 3.20 -2.15	45.90 2.17 -0.11	45.38 1.89 -0.38
BLACKRVR_115KV_TB2 79977	33.90 -0.27 -0.07	42.76 -0.53 -0.13	37.77 -0.07 0.00	32.01 0.17 0.00	31.75 0.35 0.00	34.18 0.65 0.00	37.99 0.52 0.00	48.19 0.78 -1.42	43.27 1.09 -0.28	40.34 1.00 -0.03	42.90 1.01 -0.06	48.96 0.95 -0.93	48.44 1.09 -1.06	67.07 1.02 -3.59	64.74 1.03 -2.97	101.00 3.21 44.75	296.11 6.18 12.39	485.41 13.22 0.00	116.78 4.65 0.00	131.37 6.85 -0.02	128.24 7.15 -5.83	60.77 3.20 -2.15	45.90 2.17 -0.11	45.38 1.89 -0.38
BLISS_WT_PWR 323608	36.28 2.19 0.00	44.77 1.61 0.00	38.58 0.74 0.00	31.85 0.01 0.00	31.63 0.23 0.00	34.02 0.49 0.00	38.45 0.98 0.00	48.05 2.07 0.00	45.14 3.24 0.00	42.33 3.02 0.00	45.39 3.55 0.00	51.80 4.72 0.00	51.35 5.06 0.00	68.38 5.91 0.00	65.17 4.43 0.00	150.13 7.58 0.00	317.80 15.47 0.00	487.91 15.72 0.00	115.41 3.27 0.00	129.89 5.40 0.00	119.50 4.23 0.00	58.09 2.66 0.00	46.24 2.61 0.00	45.78 2.67 0.00
BLUESTONE___WT_PWR 323821	36.66 2.54 -0.03	45.84 2.63 -0.05	39.80 1.96 0.00	33.49 1.65 0.00	33.29 1.89 0.00	35.73 2.20 0.00	39.89 2.42 0.00	49.52 2.96 -0.56	45.16 3.15 -0.11	42.46 3.14 -0.01	45.22 3.36 -0.02	51.54 4.09 -0.37	50.98 4.27 -0.42	69.51 5.62 -1.42	67.22 5.29 -1.18	154.49 11.78 -0.16	330.07 27.70 -0.05	512.79 40.60 0.00	122.63 10.50 0.00	136.74 12.24 0.00	128.64 11.06 -2.31	61.49 5.21 -0.85	47.59 3.92 -0.04	46.84 3.57 -0.15
BLUE_CIRC_CHEM_DRP 24182	35.44 1.12 -0.22	44.57 1.41 0.00	39.04 1.20 0.00	32.91 1.07 0.00	32.46 1.06 0.00	34.61 1.08 0.00	38.57 1.10 0.00	47.17 1.18 0.00	42.70 0.80 0.00	40.02 0.70 0.00	42.39 0.47 -0.09	46.89 -0.19 0.00	45.74 -0.55 0.00	62.00 -0.46 0.00	60.43 -0.31 0.00	142.21 -0.34 0.00	300.79 -1.53 0.00	471.50 -0.69 0.00	112.59 0.45 0.00	125.11 0.61 0.00	116.05 0.79 0.00	55.70 0.28 0.00	44.27 0.65 0.00	44.32 1.21 0.00
BOC_GAS_DRP 24189	35.19 0.85 -0.24	44.20 1.04 0.00	38.72 0.88 0.00	32.63 0.79 0.00	32.17 0.76 0.00	34.31 0.78 0.00	38.29 0.82 0.00	46.93 0.94 0.00	42.64 0.74 0.00	40.10 0.79 0.00	42.69 0.75 -0.09	47.82 0.74 0.00	46.95 0.66 0.00	63.60 1.13 0.00	62.01 1.26 0.00	145.70 3.15 0.00	308.18 5.85 0.00	481.58 9.39 0.00	114.47 2.33 0.00	126.87 2.38 0.00	117.54 2.28 0.00	56.43 1.00 0.00	44.52 0.90 0.00	44.09 0.98 0.00
BOONVILLE_115KV_TB1 79983	34.68 0.57 -0.02	43.76 0.56 -0.04	38.46 0.61 0.00	32.48 0.64 0.00	32.12 0.72 0.00	34.41 0.88 0.00	38.42 0.95 0.00	47.66 1.27 -0.40	43.28 1.30 -0.08	40.58 1.26 -0.01	43.19 1.34 -0.02	48.83 1.49 -0.26	48.13 1.54 -0.30	65.52 2.05 -1.01	63.56 1.98 -0.84	131.53 4.96 15.97	308.76 10.85 4.42	489.98 17.79 0.00	117.11 4.97 0.00	130.51 6.01 -0.01	122.81 5.90 -1.64	58.76 2.73 -0.61	45.61 1.96 -0.03	44.96 1.74 -0.11
BORALEX_4TH_BRANCH 23824	36.60 2.21 -0.29	45.84 2.68 0.00	40.17 2.33 0.00	33.89 2.05 0.00	33.45 2.05 0.00	35.55 2.02 0.00	39.45 1.99 0.00	48.36 2.37 0.00	43.91 2.01 0.00	41.14 1.83 0.00	43.78 1.83 -0.11	48.97 1.89 0.00	47.98 1.69 0.00	65.64 3.18 0.00	64.40 3.66 0.00	151.60 9.05 0.00	319.20 16.87 0.00	498.65 26.47 0.00	118.81 6.67 0.00	131.56 7.06 0.00	122.43 7.16 0.00	58.84 3.41 0.00	46.40 2.78 0.00	45.74 2.63 0.00
BOWLINE___1 23526	33.24 1.54 2.40	44.76 1.59 0.00	39.26 1.41 0.00	33.08 1.24 0.00	32.52 1.12 0.00	34.63 1.10 0.00	38.77 1.30 0.00	47.47 1.49 0.00	43.72 1.82 0.00	41.50 2.19 0.00	43.22 2.33 0.94	49.73 2.65 0.00	48.97 2.68 0.00	66.39 3.92 0.00	64.88 4.14 0.00	152.20 9.66 0.00	321.61 19.29 0.00	501.73 29.55 0.00	118.96 6.82 0.00	131.26 6.76 0.00	121.21 5.94 0.00	58.08 2.65 0.00	45.75 2.12 0.00	45.41 2.30 0.00
BOWLINE___2 23595	33.24 1.55 2.40	44.74 1.57 0.00	39.21 1.37 0.00	33.05 1.21 0.00	32.53 1.12 0.00	34.65 1.12 0.00	38.78 1.31 0.00	47.48 1.50 0.00	43.73 1.83 0.00	41.51 2.20 0.00	43.23 2.34 0.94	49.73 2.65 0.00	48.97 2.68 0.00	66.39 3.93 0.00	64.90 4.15 0.00	152.22 9.68 0.00	321.62 19.29 0.00	501.86 29.68 0.00	118.98 6.85 0.00	131.29 6.80 0.00	121.22 5.96 0.00	58.09 2.66 0.00	45.75 2.13 0.00	45.40 2.29 0.00
BRADY___115KV_TB2 356060	33.48 -0.62 0.00	42.59 -0.57 0.00	37.52 -0.32 0.00	31.66 -0.18 0.00	31.19 -0.22 0.00	33.28 -0.25 0.00	37.11 -0.35 0.00	45.44 -0.54 0.00	41.16 -0.74 0.00	38.35 -0.96 0.00	40.68 -1.16 0.00	45.58 -1.50 0.00	44.63 -1.67 0.00	60.10 -2.36 0.00	58.42 -2.32 0.00	-79.01 -6.14 215.42	231.27 -11.39 59.67	457.38 -14.81 0.00	108.40 -3.74 0.00	120.90 -3.59 0.00	113.19 -2.07 0.00	54.41 -1.02 0.00	42.80 -0.82 0.00	42.53 -0.58 0.00
BRANSCOMB___SOLAR 323811	36.70 2.35 -0.25	45.97 2.81 0.00	40.30 2.45 0.00	33.94 2.11 0.00	33.52 2.12 0.00	35.75 2.22 0.00	39.84 2.38 0.00	48.87 2.88 0.00	44.33 2.44 0.00	41.63 2.32 0.00	44.22 2.29 -0.10	49.61 2.53 0.00	48.74 2.45 0.00	66.47 4.01 0.00	64.91 4.16 0.00	152.84 10.29 0.00	323.84 21.52 0.00	506.00 33.81 0.00	121.08 8.94 0.00	134.52 10.03 0.00	124.76 9.50 0.00	59.88 4.45 0.00	47.04 3.42 0.00	46.28 3.17 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	49.46 3.03 -12.33	57.82 3.44 -11.21	53.82 3.01 -12.97	57.49 2.54 -23.10	55.40 2.35 -21.66	48.56 2.54 -12.49	40.36 2.89 0.00	48.67 2.69 0.00	45.37 3.48 0.00	43.15 3.83 0.00	46.59 4.16 -0.60	51.56 4.47 -0.01	52.73 4.46 -1.98	68.32 5.43 -0.42	92.12 5.97 -25.41	196.68 14.79 -39.34	427.17 29.93 -94.90	521.30 45.16 -3.95	137.80 10.03 -15.63	154.00 10.92 -18.58	154.32 10.75 -28.31	97.31 5.04 -36.84	47.38 3.75 0.00	46.49 3.38 0.00

BRISTLHL_115KV_TB1 79998	34.19 -0.06 -0.15	43.15 -0.30 -0.29	37.44 -0.40 0.00	31.42 -0.42 0.00	31.01 -0.39 0.00	33.16 -0.37 0.00	37.15 -0.31 0.00	48.85 -0.26 -3.13	42.47 -0.05 -0.62	39.34 -0.04 -0.07	41.96 0.00 -0.13	49.26 0.13 -2.05	48.89 0.26 -2.33	70.60 0.25 -7.88	67.37 0.10 -6.53	143.39 -0.02 -0.87	302.56 -0.03 -0.26	471.62 -0.57 0.00	112.30 0.16 0.00	125.31 0.79 -0.03	128.49 0.43 -12.79	60.29 0.14 -4.71	43.96 0.10 -0.24	43.95 0.00 -0.83
BROOKHAVEN___DRP 24191	49.36 2.94 -12.33	57.73 3.35 -11.21	53.80 2.99 -12.97	57.54 2.59 -23.10	55.58 2.52 -21.66	48.64 2.62 -12.49	40.38 2.91 0.00	47.94 1.95 0.00	44.73 2.84 0.00	42.50 3.19 0.00	45.88 3.45 -0.60	50.90 3.83 0.00	51.12 3.98 -0.84	68.13 5.31 -0.36	89.62 5.90 -22.98	206.93 14.64 -49.75	426.32 29.52 -94.48	521.20 44.17 -4.84	173.91 9.77 -52.00	220.60 10.65 -85.45	225.07 10.18 -99.62	106.96 4.65 -46.89	46.94 3.31 0.00	45.96 2.85 0.00
BROOKLYN_NAVY_YARD 23515	37.81 2.19 -1.52	45.46 2.29 0.00	39.85 2.00 0.00	33.53 1.69 0.00	32.99 1.59 0.00	35.21 1.68 0.00	39.44 1.98 0.00	48.37 2.38 0.00	44.61 2.72 0.00	42.47 3.15 0.00	45.76 3.33 -0.60	50.82 3.74 0.00	50.01 3.72 0.00	67.71 5.25 0.00	66.17 5.42 0.00	155.30 12.75 0.00	327.36 25.03 0.00	510.27 38.08 0.00	120.98 8.84 0.00	133.33 8.84 0.00	123.21 7.94 0.00	59.02 3.59 0.00	46.60 2.97 0.00	46.26 3.15 0.00
BROOKLYN___ARMY_DRP 323595	37.96 2.34 -1.52	45.56 2.40 0.00	39.98 2.14 0.00	33.66 1.82 0.00	33.11 1.72 0.00	35.37 1.84 0.00	39.60 2.13 0.00	48.47 2.48 0.00	44.77 2.87 0.00	42.60 3.28 0.00	45.85 3.42 -0.60	50.95 3.87 0.00	50.13 3.84 0.00	67.91 5.45 0.00	66.33 5.58 0.00	155.44 12.89 0.00	327.89 25.56 0.00	511.18 38.99 0.00	122.02 8.94 -0.95	152.92 8.80 -19.62	256.98 8.21 -133.51	101.83 3.64 -42.76	48.86 3.14 -2.10	46.49 3.38 0.00
BROOKVLE_69_KV_TB1 55790	49.37 2.94 -12.33	57.67 3.29 -11.21	53.62 2.81 -12.97	57.31 2.37 -23.10	55.32 2.26 -21.66	48.41 2.39 -12.49	40.21 2.74 0.00	48.94 2.95 0.00	45.35 3.45 0.00	43.14 3.83 0.00	46.56 4.13 -0.60	51.68 4.60 0.00	51.70 4.73 -0.68	72.20 6.53 -3.21	202.78 6.90 -135.14	280.59 16.54 -121.50	518.03 33.71 -181.99	554.28 50.56 -31.54	139.10 11.33 -15.63	150.94 11.79 -14.65	149.53 10.77 -23.50	94.97 4.93 -34.62	47.33 3.71 0.00	46.56 3.44 0.00
BROOME_2_LFGE 323671	35.13 1.00 -0.03	44.14 0.91 -0.06	38.43 0.59 0.00	32.18 0.34 0.00	31.79 0.39 0.00	34.04 0.51 0.00	38.20 0.73 0.00	47.72 1.08 -0.66	43.27 1.24 -0.13	40.66 1.33 -0.01	43.32 1.46 -0.03	49.39 1.88 -0.43	48.93 2.16 -0.49	66.75 2.64 -1.65	64.41 2.30 -1.37	147.84 5.11 -0.18	314.10 11.72 -0.05	485.38 13.19 0.00	115.42 3.28 0.00	128.27 3.77 -0.01	121.30 3.36 -2.68	58.04 1.62 -0.99	44.98 1.31 -0.05	44.49 1.20 -0.17
BROOME___LFGE 323600	35.13 1.00 -0.03	44.14 0.91 -0.06	38.43 0.59 0.00	32.18 0.34 0.00	31.79 0.39 0.00	34.04 0.51 0.00	38.20 0.73 0.00	47.72 1.08 -0.66	43.27 1.24 -0.13	40.66 1.33 -0.01	43.32 1.46 -0.03	49.39 1.88 -0.43	48.93 2.16 -0.49	66.75 2.64 -1.65	64.41 2.30 -1.37	147.84 5.11 -0.18	314.10 11.72 -0.05	485.38 13.19 0.00	115.42 3.28 0.00	128.27 3.77 -0.01	121.30 3.36 -2.68	58.04 1.62 -0.99	44.98 1.31 -0.05	44.49 1.20 -0.17
BROWNFLS_115KV_TB_3_5 80003	33.28 -0.84 -0.03	42.09 -1.12 -0.05	37.12 -0.73 0.00	31.41 -0.42 0.00	31.05 -0.35 0.00	33.20 -0.33 0.00	37.01 -0.46 0.00	46.11 -0.46 -0.58	41.76 -0.25 -0.11	38.95 -0.37 -0.01	41.49 -0.37 -0.02	46.89 -0.57 -0.38	46.17 -0.55 -0.43	63.07 -0.85 -1.46	61.11 -0.84 -1.21	16.48 -1.14 124.93	265.08 -2.65 34.60	470.82 -1.37 0.00	112.35 0.22 0.00	125.63 1.12 -0.02	119.68 2.04 -2.37	57.02 0.72 -0.87	44.03 0.36 -0.04	43.67 0.40 -0.15
BROWNSV1_27_KV_LOAD 356125	38.29 2.67 -1.52	46.05 2.88 0.00	40.31 2.47 0.00	33.93 2.09 0.00	33.38 1.99 0.00	35.66 2.13 0.00	39.97 2.50 0.00	49.04 3.05 0.00	45.30 3.40 0.00	43.12 3.81 0.00	46.47 4.04 -0.60	51.64 4.56 0.00	50.84 4.55 0.00	68.84 6.37 0.00	67.24 6.50 0.00	157.79 15.24 0.00	332.60 30.27 0.00	518.07 45.88 0.00	122.82 10.69 0.00	135.50 11.01 0.00	125.20 9.94 0.00	59.98 4.55 0.00	47.35 3.73 0.00	46.99 3.88 0.00
BURROWS___LYONSDAL 23803	34.38 0.26 -0.02	43.37 0.16 -0.05	38.21 0.36 0.00	32.32 0.48 0.00	32.00 0.60 0.00	34.30 0.77 0.00	38.24 0.77 0.00	47.54 1.07 -0.49	43.16 1.17 -0.10	40.46 1.13 -0.01	43.05 1.19 -0.02	48.68 1.28 -0.32	47.99 1.34 -0.36	65.41 1.72 -1.23	63.42 1.66 -1.02	121.23 4.34 25.65	304.56 9.33 7.10	488.29 16.11 0.00	116.81 4.67 0.00	130.32 5.81 -0.01	123.11 5.85 -2.00	58.83 2.67 -0.73	45.55 1.89 -0.04	44.93 1.68 -0.13
CAITHNESS_CC_1 323624	49.24 2.81 -12.33	57.56 3.18 -11.21	53.66 2.84 -12.97	57.42 2.48 -23.10	55.45 2.40 -21.66	48.52 2.49 -12.49	40.23 2.76 0.00	47.91 1.92 0.00	44.68 2.79 0.00	42.47 3.16 0.00	45.83 3.39 -0.60	50.81 3.73 0.00	51.01 3.89 -0.84	67.96 5.13 -0.36	89.41 5.74 -22.92	205.93 14.18 -49.20	425.29 28.59 -94.37	519.64 42.69 -4.77	172.05 9.42 -50.49	217.72 10.29 -82.93	222.13 9.90 -96.96	106.62 4.53 -46.66	46.86 3.23 0.00	45.91 2.79 0.00
CALPINE BETH_PAGE_GT4 24209	49.00 2.57 -12.33	57.21 2.84 -11.21	53.29 2.48 -12.97	57.05 2.11 -23.10	55.07 2.01 -21.66	48.14 2.12 -12.49	39.88 2.41 0.00	48.43 2.44 0.00	45.06 3.17 0.00	42.84 3.53 0.00	46.02 3.59 -0.60	50.93 3.85 0.00	51.01 3.96 -0.76	69.01 5.32 -1.23	123.64 5.76 -57.14	219.68 14.03 -63.10	450.81 28.39 -120.09	526.86 42.74 -11.94	137.23 9.46 -15.63	149.04 9.89 -14.65	147.84 9.07 -23.50	94.22 4.18 -34.62	46.72 3.10 0.00	45.91 2.80 0.00
CALPINE_BETH_PAGE_GT_4 323586	49.00 2.57 -12.33	57.21 2.84 -11.21	53.29 2.48 -12.97	57.05 2.11 -23.10	55.07 2.01 -21.66	48.14 2.12 -12.49	39.88 2.41 0.00	48.42 2.43 0.00	45.06 3.17 0.00	42.84 3.53 0.00	46.03 3.59 -0.60	50.93 3.85 0.00	51.01 3.96 -0.76	69.01 5.32 -1.23	123.65 5.76 -57.14	219.63 13.98 -63.10	450.75 28.33 -120.09	526.76 42.63 -11.94	137.23 9.46 -15.63	149.04 9.90 -14.65	147.84 9.07 -23.50	94.23 4.18 -34.62	46.72 3.10 0.00	45.91 2.80 0.00
CALPINE_BP_GT1 23823	49.00 2.57 -12.33	57.21 2.84 -11.21	53.29 2.48 -12.97	57.05 2.11 -23.10	55.07 2.01 -21.66	48.14 2.12 -12.49	39.88 2.41 0.00	48.42 2.43 0.00	45.06 3.17 0.00	42.84 3.53 0.00	46.03 3.59 -0.60	50.93 3.85 0.00	51.01 3.96 -0.76	69.01 5.32 -1.23	123.65 5.76 -57.14	219.63 13.98 -63.10	450.75 28.33 -120.09	526.76 42.63 -11.94	137.23 9.46 -15.63	149.04 9.90 -14.65	147.84 9.07 -23.50	94.23 4.18 -34.62	46.72 3.10 0.00	45.91 2.80 0.00
CALSPAN___DRP 24200	36.17 2.08 0.00	44.60 1.44 0.00	38.47 0.62 0.00	31.74 -0.10 0.00	31.42 0.02 0.00	33.70 0.17 0.00	37.96 0.49 0.00	47.43 1.44 0.00	44.62 2.72 0.00	41.79 2.48 0.00	44.97 3.14 0.00	51.31 4.24 0.00	50.83 4.54 0.00	67.56 5.09 0.00	64.29 3.55 0.00	148.24 5.69 0.00	313.51 11.18 0.00	481.88 9.69 0.00	114.33 2.19 0.00	129.41 4.92 0.00	118.50 3.23 0.00	57.74 2.31 0.00	46.11 2.49 0.00	45.57 2.45 0.00

CALVERTON___SOLAR 323806	49.51 3.08 -12.33	57.88 3.50 -11.21	53.93 3.11 -12.97	57.66 2.72 -23.10	55.72 2.66 -21.66	48.79 2.76 -12.49	40.54 3.08 0.00	48.03 2.04 0.00	44.84 2.95 0.00	42.58 3.27 0.00	46.00 3.56 -0.60	51.08 4.00 0.00	51.30 4.17 -0.84	68.40 5.57 -0.36	89.93 6.18 -23.00	207.71 15.21 -49.95	427.89 31.05 -94.52	523.55 46.50 -4.87	174.98 10.28 -52.57	222.05 11.15 -86.41	226.51 10.61 -100.64	107.23 4.82 -46.98	47.06 3.43 0.00	46.05 2.94 0.00
CANDIGU_WT_PWR 323617	35.11 0.99 -0.02	43.81 0.61 -0.03	37.95 0.11 0.00	31.60 -0.24 0.00	31.38 -0.02 0.00	33.74 0.21 0.00	37.98 0.51 0.00	47.60 1.25 -0.36	43.93 1.96 -0.07	41.25 1.93 -0.01	44.09 2.24 -0.02	50.35 3.03 -0.24	50.08 3.52 -0.27	67.29 3.91 -0.91	64.37 2.88 -0.76	148.40 5.75 -0.10	315.75 13.39 -0.03	484.12 11.93 0.00	115.17 3.03 0.00	128.73 4.23 0.00	120.09 3.34 -1.48	57.96 1.99 -0.54	45.34 1.69 -0.03	45.02 1.81 -0.10
CARR STREET_E_SYR 24060	34.44 0.30 -0.05	43.34 0.09 -0.09	37.76 -0.08 0.00	31.66 -0.17 0.00	31.26 -0.14 0.00	33.44 -0.09 0.00	37.48 0.01 0.00	47.10 0.18 -0.93	42.47 0.39 -0.19	39.81 0.48 -0.02	42.49 0.61 -0.04	48.58 0.89 -0.61	48.03 1.05 -0.69	66.15 1.34 -2.35	63.76 1.07 -1.94	144.67 1.86 -0.26	306.49 4.09 -0.08	476.82 4.63 0.00	113.40 1.26 0.00	126.28 1.78 -0.01	120.31 1.24 -3.81	57.42 0.59 -1.40	44.16 0.46 -0.07	43.68 0.32 -0.25
CARTHAGE___PAPER 23857	33.86 -0.30 -0.06	42.76 -0.51 -0.11	37.79 -0.05 0.00	32.06 0.22 0.00	31.79 0.39 0.00	34.17 0.64 0.00	37.99 0.52 0.00	47.95 0.76 -1.20	43.11 0.97 -0.24	40.20 0.85 -0.03	42.80 0.91 -0.05	48.61 0.74 -0.79	48.02 0.84 -0.89	66.02 0.54 -3.02	64.01 0.76 -2.50	92.78 2.92 52.69	293.12 5.38 14.59	484.27 12.09 0.00	116.37 4.23 0.00	130.59 6.08 -0.02	126.59 6.42 -4.91	60.11 2.87 -1.81	45.65 1.94 -0.09	45.15 1.72 -0.32
CASSADAGA_WT_PWR 323784	37.41 3.32 0.00	46.14 2.98 0.00	39.75 1.90 0.00	32.88 1.04 0.00	32.59 1.19 0.00	35.05 1.52 0.00	39.55 2.08 0.00	49.42 3.43 0.00	46.50 4.61 0.00	43.68 4.37 0.00	47.19 5.36 0.00	54.09 7.01 0.00	53.11 6.82 0.00	70.19 7.73 0.00	66.71 5.97 0.00	153.41 10.86 0.00	327.09 24.76 0.00	499.47 27.28 0.00	119.49 7.35 0.00	135.01 10.52 0.00	124.61 9.34 0.00	61.12 5.69 0.00	48.47 4.85 0.00	47.38 4.26 0.00
CE_DUNWOOD___DRP 24194	37.67 1.95 -1.62	45.24 2.07 0.00	39.64 1.80 0.00	33.38 1.53 0.00	32.84 1.44 0.00	35.05 1.51 0.00	39.25 1.78 0.00	48.07 2.09 0.00	44.28 2.39 0.00	42.06 2.75 0.00	45.38 2.92 -0.64	50.37 3.29 0.00	49.57 3.28 0.00	67.17 4.70 0.00	65.65 4.90 0.00	154.19 11.64 0.00	325.50 23.17 0.00	507.30 35.12 0.00	120.28 8.14 0.00	132.68 8.18 0.00	122.61 7.34 0.00	58.76 3.33 0.00	46.31 2.69 0.00	45.91 2.80 0.00
CE_MILLWOOD___DRP 24193	37.65 1.86 -1.70	45.14 1.98 0.00	39.54 1.70 0.00	33.30 1.46 0.00	32.77 1.37 0.00	34.96 1.43 0.00	39.14 1.68 0.00	47.95 1.97 0.00	44.16 2.26 0.00	41.92 2.61 0.00	45.27 2.77 -0.67	50.21 3.13 0.00	49.42 3.13 0.00	66.96 4.50 0.00	65.45 4.71 0.00	153.65 11.10 0.00	324.59 22.26 0.00	505.95 33.76 0.00	119.95 7.82 0.00	132.42 7.92 0.00	122.30 7.04 0.00	58.62 3.19 0.00	46.20 2.58 0.00	45.81 2.69 0.00
CE_NYC2_DRP 24202	37.80 2.18 -1.52	45.41 2.25 0.00	39.82 1.98 0.00	33.54 1.70 0.00	33.01 1.61 0.00	35.26 1.72 0.00	39.49 2.02 0.00	48.38 2.39 0.00	44.69 2.80 0.00	42.49 3.18 0.00	45.73 3.30 -0.60	50.75 3.67 0.00	49.88 3.59 0.00	67.51 5.05 0.00	65.96 5.22 0.00	154.73 12.18 0.00	326.18 23.86 0.00	508.24 36.06 0.00	119.93 8.30 0.51	122.08 8.18 10.60	88.70 7.49 34.05	35.65 3.32 23.10	45.63 2.87 0.87	46.27 3.16 0.00
CE_NYC_DRP 24195	37.80 2.18 -1.52	45.46 2.30 0.00	39.84 1.99 0.00	33.53 1.69 0.00	33.00 1.60 0.00	35.23 1.70 0.00	39.48 2.02 0.00	48.40 2.42 0.00	44.69 2.79 0.00	42.54 3.23 0.00	45.83 3.40 -0.60	50.89 3.81 0.00	50.08 3.79 0.00	67.78 5.32 0.00	66.22 5.48 0.00	155.45 12.90 0.00	327.58 25.25 0.00	510.40 38.21 0.00	121.01 8.88 0.00	133.45 8.95 0.00	123.33 8.06 0.00	59.08 3.66 0.00	46.65 3.03 0.00	46.31 3.20 0.00
CHAFFEE___LFGE 323603	36.35 2.25 0.00	44.86 1.70 0.00	38.66 0.82 0.00	31.90 0.06 0.00	31.58 0.18 0.00	33.89 0.35 0.00	38.18 0.71 0.00	47.74 1.75 0.00	44.87 2.97 0.00	41.99 2.68 0.00	45.21 3.37 0.00	51.68 4.60 0.00	51.16 4.87 0.00	68.04 5.58 0.00	64.78 4.03 0.00	149.33 6.78 0.00	316.00 13.67 0.00	485.49 13.31 0.00	115.27 3.14 0.00	130.53 6.03 0.00	119.64 4.37 0.00	58.21 2.78 0.00	46.44 2.82 0.00	45.83 2.72 0.00
CHATEAUG_35_KV_LOAD 355732	32.97 -1.13 0.00	41.99 -1.17 0.00	36.98 -0.87 0.00	31.26 -0.58 0.00	30.81 -0.59 0.00	32.90 -0.63 0.00	36.62 -0.85 0.00	44.94 -1.05 0.00	40.97 -0.93 0.00	38.45 -0.86 0.00	40.81 -1.02 0.00	45.79 -1.29 0.00	44.54 -1.75 0.00	59.61 -2.86 0.00	57.73 -3.02 0.00	-97.00 -6.63 232.91	227.23 -10.59 64.51	457.02 -15.17 0.00	108.93 -3.20 0.00	121.10 -3.40 0.00	112.48 -2.78 0.00	54.02 -1.41 0.00	42.59 -1.03 0.00	42.06 -1.05 0.00
CHATEAUG_WT_PWR 323614	33.01 -1.08 0.00	42.05 -1.11 0.00	37.01 -0.84 0.00	31.29 -0.55 0.00	30.87 -0.53 0.00	32.96 -0.57 0.00	36.64 -0.83 0.00	44.99 -1.00 0.00	41.06 -0.84 0.00	38.60 -0.71 0.00	40.99 -0.84 0.00	45.95 -1.13 0.00	44.67 -1.62 0.00	59.70 -2.77 0.00	57.77 -2.97 0.00	-101.60 -6.60 237.56	226.83 -9.70 65.80	457.56 -14.63 0.00	108.94 -3.20 0.00	120.92 -3.57 0.00	112.27 -2.99 0.00	53.95 -1.48 0.00	42.57 -1.05 0.00	42.09 -1.03 0.00
CHAT_HIGH_FALL_HYD 323578	32.97 -1.13 0.00	41.99 -1.17 0.00	36.98 -0.87 0.00	31.26 -0.58 0.00	30.81 -0.59 0.00	32.90 -0.63 0.00	36.62 -0.85 0.00	44.94 -1.05 0.00	40.97 -0.93 0.00	38.45 -0.86 0.00	40.81 -1.02 0.00	45.79 -1.29 0.00	44.54 -1.75 0.00	59.61 -2.86 0.00	57.73 -3.02 0.00	-97.00 -6.63 232.91	227.23 -10.59 64.51	457.02 -15.17 0.00	108.93 -3.20 0.00	121.10 -3.40 0.00	112.48 -2.78 0.00	54.02 -1.41 0.00	42.59 -1.03 0.00	42.06 -1.05 0.00
CHAUTAUQUA___LFGE 323629	36.80 2.70 0.00	45.41 2.25 0.00	39.16 1.32 0.00	32.37 0.53 0.00	32.07 0.67 0.00	34.47 0.93 0.00	38.87 1.41 0.00	48.51 2.52 0.00	45.56 3.67 0.00	42.76 3.45 0.00	46.01 4.17 0.00	52.61 5.54 0.00	52.02 5.73 0.00	69.00 6.54 0.00	65.65 4.90 0.00	151.22 8.67 0.00	321.89 19.56 0.00	491.51 19.32 0.00	117.04 4.90 0.00	132.03 7.53 0.00	121.67 6.40 0.00	59.35 3.92 0.00	47.15 3.53 0.00	46.37 3.26 0.00
CHERRYST_13_KV_LD 356241	37.94 2.32 -1.52	45.63 2.46 0.00	39.98 2.14 0.00	33.65 1.81 0.00	33.12 1.72 0.00	35.36 1.83 0.00	39.65 2.18 0.00	48.63 2.64 0.00	44.92 3.03 0.00	42.79 3.48 0.00	46.09 3.67 -0.60	51.20 4.13 0.00	50.38 4.09 0.00	68.20 5.73 0.00	66.63 5.89 0.00	156.32 13.77 0.00	329.40 27.07 0.00	513.12 40.93 0.00	121.62 9.48 0.00	134.07 9.58 0.00	123.88 8.61 0.00	59.34 3.91 0.00	46.85 3.23 0.00	46.50 3.39 0.00

CHESTROR_138KV_BK263 355645	34.17 1.55 1.48	44.79 1.62 0.00	39.22 1.38 0.00	33.02 1.18 0.00	32.50 1.10 0.00	34.68 1.15 0.00	38.83 1.36 0.00	47.59 1.61 0.00	43.70 1.80 0.00	41.40 2.09 0.00	43.48 2.23 0.58	49.62 2.54 0.00	48.84 2.55 0.00	66.17 3.71 0.00	64.65 3.91 0.00	151.80 9.25 0.00	321.14 18.81 0.00	501.00 28.81 0.00	118.92 6.79 0.00	131.42 6.92 0.00	121.37 6.11 0.00	58.20 2.77 0.00	45.80 2.18 0.00	45.38 2.27 0.00
CH_MIDHUDSON___DRP 24192	36.29 1.93 -0.26	45.26 2.10 0.00	39.64 1.79 0.00	33.37 1.53 0.00	32.85 1.45 0.00	35.07 1.53 0.00	39.26 1.79 0.00	48.16 2.17 0.00	44.23 2.33 0.00	41.90 2.59 0.00	44.75 2.81 -0.10	50.27 3.19 0.00	49.49 3.20 0.00	67.09 4.63 0.00	65.62 4.88 0.00	154.27 11.73 0.00	326.47 24.14 0.00	508.97 36.78 0.00	120.70 8.56 0.00	133.29 8.80 0.00	123.05 7.78 0.00	58.97 3.54 0.00	46.41 2.79 0.00	45.90 2.78 0.00
CH_MISC_IPPS 23765	36.29 2.19 0.00	45.56 2.39 0.00	39.88 2.03 0.00	33.55 1.71 0.00	33.03 1.64 0.00	35.26 1.73 0.00	39.49 2.02 0.00	48.47 2.48 0.00	44.55 2.65 0.00	42.25 2.94 0.00	45.05 3.22 0.00	50.77 3.69 0.00	49.99 3.70 0.00	67.73 5.27 0.00	66.23 5.49 0.00	155.71 13.16 0.00	329.73 27.40 0.00	514.02 41.84 0.00	121.92 9.78 0.00	134.61 10.12 0.00	124.24 8.97 0.00	59.49 4.06 0.00	46.78 3.16 0.00	46.25 3.14 0.00
CH_RES_BVR_FALLS 23983	32.89 -1.21 0.00	41.80 -1.37 0.00	37.00 -0.84 0.00	31.33 -0.52 0.00	30.92 -0.48 0.00	33.06 -0.48 0.00	36.79 -0.68 0.00	45.12 -0.87 0.00	41.25 -0.65 0.00	38.61 -0.70 0.00	40.99 -0.84 0.00	45.97 -1.11 0.00	45.02 -1.27 0.00	60.38 -2.08 0.00	58.63 -2.12 0.00	-232.05 -4.74 369.86	190.14 -9.75 102.44	458.10 -14.08 0.00	108.70 -3.44 0.00	120.52 -3.97 0.00	111.79 -3.48 0.00	53.92 -1.51 0.00	42.71 -0.91 0.00	42.38 -0.74 0.00
CH_RES_NIAGARA 23895	35.14 1.04 0.00	43.29 0.13 0.00	37.32 -0.52 0.00	30.77 -1.07 0.00	30.45 -0.96 0.00	32.63 -0.90 0.00	36.71 -0.76 0.00	45.87 -0.12 0.00	43.17 1.28 0.00	40.22 0.91 0.00	43.31 1.48 0.00	49.34 2.26 0.00	48.79 2.50 0.00	64.71 2.25 0.00	61.16 0.42 0.00	140.28 -2.26 0.01	295.51 -6.81 0.00	456.85 -15.34 0.00	108.18 -3.96 0.00	123.07 -1.43 0.00	112.14 -3.11 0.02	54.99 -0.44 0.00	44.45 0.83 0.00	44.18 1.07 0.00
CH_RES_SYRACUSE 23985	34.67 0.49 -0.08	43.65 0.33 -0.16	37.98 0.14 0.00	31.86 0.03 0.00	31.45 0.05 0.00	33.65 0.12 0.00	37.72 0.26 0.00	48.17 0.46 -1.72	42.81 0.57 -0.34	39.93 0.58 -0.04	42.59 0.69 -0.07	49.06 0.85 -1.13	48.56 0.98 -1.28	67.98 1.17 -4.34	65.30 0.95 -3.60	145.07 2.04 -0.48	306.99 4.52 -0.14	477.72 5.53 0.00	113.73 1.59 0.00	126.67 2.16 -0.02	123.89 1.58 -7.05	58.77 0.75 -2.60	44.35 0.60 -0.13	44.00 0.43 -0.46
CLINTON_WT_PWR 323605	33.01 -1.08 0.00	42.05 -1.11 0.00	37.01 -0.84 0.00	31.29 -0.55 0.00	30.87 -0.53 0.00	32.96 -0.57 0.00	36.64 -0.83 0.00	44.99 -1.00 0.00	41.06 -0.84 0.00	38.60 -0.71 0.00	40.99 -0.84 0.00	45.95 -1.13 0.00	44.67 -1.62 0.00	59.70 -2.77 0.00	57.77 -2.97 0.00	-101.60 -6.60 237.56	226.83 -9.70 65.80	457.56 -14.63 0.00	108.94 -3.20 0.00	120.92 -3.57 0.00	112.27 -2.99 0.00	53.95 -1.48 0.00	42.57 -1.05 0.00	42.09 -1.03 0.00
CLINTON___LFGE 323618	33.39 -0.71 0.00	42.55 -0.62 0.00	37.44 -0.40 0.00	31.66 -0.17 0.00	31.28 -0.12 0.00	33.36 -0.17 0.00	37.02 -0.45 0.00	45.45 -0.54 0.00	41.47 -0.43 0.00	39.05 -0.27 0.00	41.51 -0.33 0.00	46.60 -0.48 0.00	45.13 -1.16 0.00	59.87 -2.60 0.00	57.79 -2.95 0.00	-100.44 -6.64 236.34	228.79 -8.08 65.46	460.46 -11.73 0.00	109.75 -2.38 0.00	121.84 -2.65 0.00	113.25 -2.02 0.00	54.32 -1.11 0.00	42.97 -0.65 0.00	42.57 -0.54 0.00
COBBLENY_34_KV_TB1 80064	36.35 2.25 0.00	44.86 1.70 0.00	38.66 0.82 0.00	31.90 0.06 0.00	31.58 0.18 0.00	33.88 0.35 0.00	38.18 0.71 0.00	47.74 1.75 0.00	44.87 2.97 0.00	42.00 2.68 0.00	45.21 3.37 0.00	51.68 4.60 0.00	51.16 4.87 0.00	68.05 5.59 0.00	64.78 4.03 0.00	149.40 6.85 0.00	316.21 13.89 0.00	486.11 13.93 0.00	115.30 3.16 0.00	130.53 6.04 0.00	119.64 4.37 0.00	58.21 2.78 0.00	46.44 2.82 0.00	45.83 2.72 0.00
COFFEEN___115KV_TB3 355620	34.25 0.08 -0.07	43.19 -0.11 -0.13	38.10 0.26 0.00	32.27 0.42 0.00	32.00 0.60 0.00	34.47 0.94 0.00	38.32 0.85 0.00	48.64 1.19 -1.46	43.62 1.43 -0.29	40.66 1.32 -0.03	43.19 1.29 -0.06	49.35 1.31 -0.96	48.85 1.47 -1.09	67.72 1.57 -3.69	65.29 1.50 -3.06	103.37 4.17 43.35	298.87 8.54 12.00	489.35 17.16 0.00	117.88 5.74 0.00	132.81 8.29 -0.02	129.83 8.58 -5.99	61.51 3.87 -2.20	46.38 2.64 -0.11	45.81 2.31 -0.39
COLDSPRG_115KV_BK1 355956	37.76 3.66 0.00	46.54 3.38 0.00	40.14 2.29 0.00	33.17 1.33 0.00	32.87 1.47 0.00	35.37 1.84 0.00	39.98 2.51 0.00	49.99 4.00 0.00	46.96 5.06 0.00	44.08 4.77 -16.70	64.74 6.21 -8.35	63.60 8.17 0.00	52.67 6.38 0.00	69.63 7.17 0.00	66.53 5.79 0.00	153.32 10.77 0.00	326.42 24.09 0.00	499.13 26.94 0.00	121.12 8.99 0.00	138.42 13.93 0.00	127.28 12.01 0.00	62.69 7.26 0.00	49.64 6.02 0.00	47.96 4.85 0.00
COLONIE_LFGE___ 323577	36.02 1.67 -0.26	45.16 2.00 0.00	39.57 1.72 0.00	33.37 1.53 0.00	32.91 1.51 0.00	35.07 1.54 0.00	39.06 1.60 0.00	47.89 1.90 0.00	43.54 1.64 0.00	40.89 1.58 0.00	43.53 1.59 -0.10	48.78 1.70 0.00	47.89 1.60 0.00	65.23 2.77 0.00	63.76 3.01 0.00	149.92 7.37 0.00	316.71 14.38 0.00	495.37 23.18 0.00	118.01 5.87 0.00	130.89 6.39 0.00	121.29 6.02 0.00	58.24 2.81 0.00	45.85 2.23 0.00	45.22 2.11 0.00
COOPERNY_115KV_TB1 80082	34.67 1.16 0.58	44.39 1.23 0.00	38.87 1.02 0.00	32.70 0.86 0.00	32.21 0.81 0.00	34.38 0.84 0.00	38.48 1.01 0.00	47.19 1.20 0.00	43.22 1.33 0.00	40.88 1.56 0.00	43.27 1.67 0.23	49.01 1.93 0.00	48.26 1.97 0.00	65.26 2.80 0.00	63.63 2.89 0.00	149.33 6.78 0.00	316.24 13.92 0.00	493.30 21.11 0.00	117.10 4.97 0.00	129.62 5.12 0.00	119.79 4.52 0.00	57.49 2.06 0.00	45.26 1.64 0.00	44.81 1.70 0.00
COPENHAGEN_WT_PWR 323753	33.56 -0.61 -0.08	42.37 -0.93 -0.14	37.50 -0.34 0.00	31.81 -0.03 0.00	31.56 0.16 0.00	33.99 0.46 0.00	37.74 0.27 0.00	48.04 0.51 -1.53	43.11 0.90 -0.30	40.22 0.87 -0.03	42.78 0.88 -0.06	48.88 0.79 -1.01	48.37 0.94 -1.14	67.13 0.80 -3.87	64.77 0.82 -3.20	104.39 2.70 40.86	295.90 4.89 11.31	483.47 11.28 0.00	116.23 4.09 0.00	130.69 6.18 -0.02	127.98 6.44 -6.28	60.61 2.87 -2.31	45.70 1.95 -0.12	45.21 1.69 -0.41
CORNELL_____ 23752	35.57 1.43 -0.05	44.64 1.39 -0.08	38.86 1.01 0.00	32.57 0.73 0.00	32.17 0.77 0.00	34.45 0.92 0.00	38.65 1.19 0.00	48.56 1.65 -0.92	43.75 1.67 -0.18	40.94 1.61 -0.02	43.61 1.74 -0.04	49.83 2.15 -0.61	49.36 2.39 -0.69	67.84 3.05 -2.32	65.42 2.75 -1.92	148.84 6.03 -0.26	316.62 14.21 -0.08	492.15 19.96 0.00	117.56 5.42 0.00	131.16 6.65 -0.01	125.07 6.04 -3.77	59.69 2.87 -1.39	45.88 2.19 -0.07	45.33 1.97 -0.25

CORONA_69_KV_TB1 355595	49.25 2.83 -12.33	57.51 3.13 -11.21	53.51 2.70 -12.97	57.22 2.27 -23.10	55.22 2.17 -21.66	48.31 2.29 -12.49	40.06 2.60 0.00	48.73 2.74 0.00	45.20 3.30 0.00	42.97 3.66 0.00	46.33 3.90 -0.60	51.31 4.23 0.00	51.26 4.29 -0.68	69.92 5.88 -1.57	137.84 6.28 -70.82	230.84 14.96 -73.34	464.07 30.50 -131.25	533.97 46.26 -15.52	138.19 10.42 -15.63	150.05 10.91 -14.65	148.66 9.90 -23.50	94.72 4.68 -34.62	47.28 3.66 0.00	46.57 3.46 0.00
CORTLAND_115KV_TB3 80093	35.17 1.02 -0.05	44.23 0.98 -0.09	38.51 0.67 0.00	32.30 0.46 0.00	31.90 0.50 0.00	34.14 0.61 0.00	38.30 0.83 0.00	48.14 1.19 -0.97	43.32 1.23 -0.19	40.56 1.23 -0.02	43.21 1.33 -0.04	49.40 1.69 -0.64	48.91 1.90 -0.72	67.32 2.42 -2.44	64.91 2.15 -2.02	147.60 4.78 -0.27	313.43 11.03 -0.08	486.75 14.56 0.00	116.09 3.96 0.00	129.23 4.72 -0.01	123.56 4.34 -3.96	58.94 2.05 -1.46	45.26 1.56 -0.08	44.77 1.40 -0.26
COXSACKIE___GT 23611	37.11 3.01 0.00	46.82 3.65 0.00	40.90 3.05 0.00	34.43 2.59 0.00	33.96 2.56 0.00	36.26 2.72 0.00	40.45 2.99 0.00	49.63 3.65 0.00	44.76 2.86 0.00	41.70 2.39 0.00	43.75 1.92 0.00	49.23 2.15 0.00	48.08 1.79 0.00	65.83 3.36 0.00	64.06 3.32 0.00	151.59 9.04 0.00	320.70 18.37 0.00	508.47 36.28 0.00	122.19 10.06 0.00	136.47 11.98 0.00	126.35 11.09 0.00	60.60 5.17 0.00	47.53 3.91 0.00	46.94 3.82 0.00
CPV_VALLEY___CC1 323721	34.43 1.24 0.91	44.44 1.27 0.00	38.92 1.08 0.00	32.77 0.93 0.00	32.26 0.86 0.00	34.42 0.89 0.00	38.53 1.06 0.00	47.22 1.23 0.00	43.35 1.45 0.00	41.05 1.74 0.00	43.33 1.86 0.36	49.19 2.11 0.00	48.40 2.11 0.00	65.54 3.08 0.00	63.99 3.25 0.00	150.18 7.63 0.00	317.80 15.47 0.00	495.65 23.46 0.00	117.63 5.49 0.00	130.04 5.55 0.00	120.11 4.84 0.00	57.61 2.18 0.00	45.37 1.74 0.00	44.95 1.84 0.00
CPV_VALLEY___CC2 323722	34.43 1.24 0.91	44.44 1.27 0.00	38.92 1.08 0.00	32.77 0.93 0.00	32.26 0.86 0.00	34.42 0.89 0.00	38.53 1.06 0.00	47.22 1.23 0.00	43.35 1.45 0.00	41.05 1.74 0.00	43.33 1.86 0.36	49.19 2.11 0.00	48.40 2.11 0.00	65.54 3.08 0.00	63.99 3.25 0.00	150.18 7.63 0.00	317.80 15.47 0.00	495.65 23.46 0.00	117.63 5.49 0.00	130.04 5.55 0.00	120.11 4.84 0.00	57.61 2.18 0.00	45.37 1.74 0.00	44.95 1.84 0.00
CRESCENT___HYD 24018	36.02 1.67 -0.26	45.16 2.00 0.00	39.57 1.72 0.00	33.37 1.53 0.00	32.91 1.51 0.00	35.07 1.54 0.00	39.06 1.60 0.00	47.89 1.90 0.00	43.54 1.64 0.00	40.89 1.58 0.00	43.53 1.59 -0.10	48.78 1.70 0.00	47.89 1.60 0.00	65.23 2.77 0.00	63.76 3.01 0.00	149.92 7.37 0.00	316.71 14.38 0.00	495.37 23.18 0.00	118.01 5.87 0.00	130.89 6.39 0.00	121.29 6.02 0.00	58.24 2.81 0.00	45.85 2.23 0.00	45.22 2.11 0.00
CRICKET___VALLEY_CC1 323756	36.21 1.49 -0.63	44.77 1.61 0.00	39.22 1.38 0.00	33.03 1.19 0.00	32.54 1.13 0.00	34.74 1.21 0.00	38.84 1.38 0.00	47.69 1.70 0.00	43.72 1.82 0.00	41.30 1.99 0.00	44.22 2.14 -0.24	49.44 2.36 0.00	48.63 2.34 0.00	66.10 3.63 0.00	64.79 4.04 0.00	152.33 9.79 0.00	322.80 20.47 0.00	502.83 30.65 0.00	119.24 7.11 0.00	131.74 7.24 0.00	121.71 6.44 0.00	58.34 2.91 0.00	45.95 2.33 0.00	45.44 2.32 0.00
CRICKET___VALLEY_CC2 323757	36.21 1.49 -0.63	44.77 1.61 0.00	39.22 1.38 0.00	33.03 1.19 0.00	32.54 1.13 0.00	34.74 1.21 0.00	38.84 1.38 0.00	47.69 1.70 0.00	43.72 1.82 0.00	41.30 1.99 0.00	44.22 2.14 -0.24	49.44 2.36 0.00	48.63 2.34 0.00	66.10 3.63 0.00	64.79 4.04 0.00	152.33 9.79 0.00	322.80 20.47 0.00	502.83 30.65 0.00	119.24 7.11 0.00	131.74 7.24 0.00	121.71 6.44 0.00	58.34 2.91 0.00	45.95 2.33 0.00	45.44 2.32 0.00
CRICKET___VALLEY_CC3 323758	36.21 1.49 -0.63	44.77 1.61 0.00	39.22 1.38 0.00	33.03 1.19 0.00	32.54 1.13 0.00	34.74 1.21 0.00	38.84 1.38 0.00	47.69 1.70 0.00	43.72 1.82 0.00	41.30 1.99 0.00	44.22 2.14 -0.24	49.44 2.36 0.00	48.63 2.34 0.00	66.10 3.63 0.00	64.79 4.04 0.00	152.33 9.79 0.00	322.80 20.47 0.00	502.83 30.65 0.00	119.24 7.11 0.00	131.74 7.24 0.00	121.71 6.44 0.00	58.34 2.91 0.00	45.95 2.33 0.00	45.44 2.32 0.00
CRUCIBLE_METL_DRP 24180	34.67 0.49 -0.08	43.65 0.32 -0.16	37.98 0.14 0.00	31.86 0.03 0.00	31.45 0.05 0.00	33.65 0.12 0.00	37.72 0.25 0.00	48.17 0.46 -1.72	42.81 0.57 -0.34	39.93 0.58 -0.04	42.59 0.69 -0.07	49.06 0.85 -1.13	48.56 0.98 -1.28	67.98 1.17 -4.34	65.30 0.96 -3.60	145.02 1.99 -0.48	307.04 4.57 -0.14	477.76 5.57 0.00	113.73 1.59 0.00	126.67 2.15 -0.02	123.89 1.58 -7.05	58.77 0.75 -2.60	44.35 0.59 -0.13	44.00 0.43 -0.46
DAHOWA___HYDRO 323763	36.89 2.55 -0.24	46.20 3.04 0.00	40.50 2.66 0.00	34.13 2.29 0.00	33.71 2.31 0.00	35.96 2.42 0.00	40.07 2.61 0.00	49.17 3.18 0.00	44.63 2.73 0.00	41.91 2.60 -0.10	44.49 2.56 0.00	49.93 2.86 0.00	49.08 2.79 0.00	66.96 4.50 0.00	65.36 4.62 0.00	153.97 11.42 0.00	326.30 23.97 0.00	509.58 37.39 0.00	122.02 9.88 0.00	135.53 11.03 0.00	125.77 10.51 0.00	60.35 4.92 0.00	47.38 3.75 0.00	46.58 3.47 0.00
DANC___LFGE 323619	33.79 -0.40 -0.09	42.64 -0.70 -0.18	37.45 -0.39 0.00	31.63 -0.21 0.00	31.32 -0.07 0.00	33.65 0.12 0.00	37.49 0.02 0.00	48.05 0.14 -1.92	42.75 0.47 -0.38	39.80 0.45 -0.04	42.38 0.46 -0.08	48.79 0.44 -1.26	48.33 0.60 -1.43	67.81 0.50 -4.84	65.22 0.46 -4.01	116.83 1.47 27.18	297.27 2.46 7.52	478.02 5.83 0.00	114.52 2.38 0.00	128.48 3.96 -0.02	127.09 3.96 -7.86	60.04 1.72 -2.90	44.95 1.18 -0.15	44.64 1.01 -0.51
DANSKAMMER___1 23586	36.29 2.19 0.00	45.56 2.39 0.00	39.88 2.03 0.00	33.55 1.71 0.00	33.03 1.64 0.00	35.26 1.73 0.00	39.49 2.02 0.00	48.47 2.48 0.00	44.55 2.65 0.00	42.25 2.94 0.00	45.05 3.22 0.00	50.77 3.69 0.00	49.99 3.70 0.00	67.73 5.27 0.00	66.23 5.49 0.00	155.71 13.16 0.00	329.73 27.40 0.00	514.02 41.84 0.00	121.92 9.78 0.00	134.61 10.12 0.00	124.24 8.97 0.00	59.49 4.06 0.00	46.78 3.16 0.00	46.25 3.14 0.00
DANSKAMMER___2 23589	36.29 2.19 0.00	45.56 2.39 0.00	39.88 2.03 0.00	33.55 1.71 0.00	33.03 1.64 0.00	35.26 1.73 0.00	39.49 2.02 0.00	48.47 2.48 0.00	44.55 2.65 0.00	42.25 2.94 0.00	45.05 3.22 0.00	50.77 3.69 0.00	49.99 3.70 0.00	67.73 5.27 0.00	66.23 5.49 0.00	155.71 13.16 0.00	329.73 27.40 0.00	514.02 41.84 0.00	121.92 9.78 0.00	134.61 10.12 0.00	124.24 8.97 0.00	59.49 4.06 0.00	46.78 3.16 0.00	46.25 3.14 0.00
DANSKAMMER___3 23590	36.29 2.19 0.00	45.56 2.39 0.00	39.88 2.03 0.00	33.55 1.71 0.00	33.03 1.64 0.00	35.26 1.73 0.00	39.49 2.02 0.00	48.47 2.48 0.00	44.55 2.65 0.00	42.25 2.94 0.00	45.05 3.22 0.00	50.77 3.69 0.00	49.99 3.70 0.00	67.73 5.27 0.00	66.23 5.49 0.00	155.71 13.16 0.00	329.73 27.40 0.00	514.02 41.84 0.00	121.92 9.78 0.00	134.61 10.12 0.00	124.24 8.97 0.00	59.49 4.06 0.00	46.78 3.16 0.00	46.25 3.14 0.00

DANSKAMMER___4 23591	36.29 2.19 0.00	45.56 2.39 0.00	39.88 2.03 0.00	33.55 1.71 0.00	33.03 1.64 0.00	35.26 1.73 0.00	39.49 2.02 0.00	48.47 2.48 0.00	44.55 2.65 0.00	42.25 2.94 0.00	45.05 3.22 0.00	50.77 3.69 0.00	49.99 3.70 0.00	67.73 5.27 0.00	66.23 5.49 0.00	155.71 13.16 0.00	329.73 27.40 0.00	514.02 41.84 0.00	121.92 9.78 0.00	134.61 10.12 0.00	124.24 8.97 0.00	59.49 4.06 0.00	46.78 3.16 0.00	46.25 3.14 0.00
DANSKAMMER___DIESEL 23592	36.29 2.19 0.00	45.56 2.40 0.00	39.88 2.03 0.00	33.55 1.71 0.00	33.04 1.64 0.00	35.26 1.73 0.00	39.49 2.02 0.00	48.47 2.48 0.00	44.54 2.65 0.00	42.25 2.93 0.00	45.05 3.21 0.00	50.76 3.69 0.00	49.99 3.70 0.00	67.73 5.27 0.00	66.23 5.49 0.00	155.75 13.21 0.00	329.64 27.31 0.00	514.07 41.88 0.00	121.92 9.79 0.00	134.62 10.12 0.00	124.23 8.97 0.00	59.49 4.06 0.00	46.78 3.16 0.00	46.25 3.14 0.00
DARBY___SOLAR 323810	36.70 2.36 -0.25	45.97 2.81 0.00	40.30 2.46 0.00	33.95 2.11 0.00	33.53 2.13 0.00	35.76 2.23 0.00	39.87 2.40 0.00	48.89 2.90 0.00	44.37 2.48 0.00	41.67 2.36 0.00	44.25 2.32 -0.10	49.64 2.56 0.00	48.77 2.48 0.00	66.50 4.04 0.00	64.92 4.18 0.00	152.97 10.42 0.00	324.12 21.79 0.00	506.21 34.02 0.00	121.14 9.00 0.00	134.58 10.08 0.00	124.85 9.59 0.00	59.93 4.50 0.00	47.06 3.44 0.00	46.29 3.17 0.00
DASHVILLE___HYD 23610	35.87 1.77 0.00	45.08 1.92 0.00	39.46 1.62 0.00	33.21 1.37 0.00	32.68 1.28 0.00	34.89 1.35 0.00	39.07 1.61 0.00	47.96 1.97 0.00	44.07 2.17 0.00	41.82 2.51 0.00	44.58 2.75 0.00	50.28 3.21 0.00	49.56 3.27 0.00	67.10 4.64 0.00	65.60 4.86 0.00	154.14 11.60 0.00	326.34 24.02 0.00	508.58 36.40 0.00	120.59 8.45 0.00	133.12 8.62 0.00	122.30 7.03 0.00	58.64 3.22 0.00	46.09 2.47 0.00	45.48 2.36 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	49.78 3.35 -12.33	58.15 3.78 -11.21	54.23 3.41 -12.97	58.10 3.15 -23.10	56.26 3.20 -21.66	49.29 3.27 -12.49	41.22 3.75 0.00	48.87 2.88 0.00	45.83 3.93 0.00	43.37 4.06 0.00	47.09 4.65 -0.60	52.59 5.51 0.00	52.73 5.60 -0.85	70.39 7.57 -0.36	91.87 8.09 -23.04	212.05 19.21 -50.29	436.78 39.87 -94.59	536.29 59.19 -4.91	178.41 12.78 -53.49	225.84 13.40 -87.95	229.96 12.43 -102.26	108.18 5.63 -47.12	47.74 4.12 0.00	46.56 3.45 0.00
DELAWARE___LFGE 323621	35.44 1.32 -0.02	44.76 1.57 -0.03	39.12 1.28 0.00	32.88 1.04 0.00	32.43 1.03 0.00	34.67 1.14 0.00	38.82 1.36 0.00	47.99 1.71 -0.29	43.46 1.50 -0.06	40.98 1.66 -0.01	43.68 1.83 -0.01	49.42 2.15 -0.20	48.73 2.22 -0.22	66.09 2.89 -0.74	64.11 2.75 -0.61	148.91 6.28 -0.08	315.81 13.46 -0.02	492.04 19.85 0.00	116.97 4.83 0.00	129.84 5.34 0.00	121.42 4.95 -1.20	58.20 2.32 -0.44	45.48 1.83 -0.02	44.96 1.78 -0.08
DERFIELD_115KV_TB7 355931	34.39 0.30 0.00	43.48 0.32 0.00	38.09 0.25 0.00	32.06 0.22 0.00	31.62 0.22 0.00	33.77 0.24 0.00	37.73 0.27 0.00	46.32 0.34 0.00	42.18 0.28 0.00	39.63 0.32 0.00	42.17 0.34 0.00	47.47 0.39 0.00	46.71 0.42 0.00	63.08 0.61 0.00	61.36 0.61 0.00	156.25 1.55 -12.16	308.72 3.03 -3.37	476.78 4.59 0.00	113.35 1.21 0.00	125.82 1.33 0.00	116.48 1.22 0.00	55.99 0.56 0.00	44.07 0.44 0.00	43.54 0.42 0.00
DOGLEVILLE___HYD 23807	35.25 1.15 0.00	44.32 1.15 0.00	38.65 0.81 0.00	32.57 0.73 0.00	32.20 0.79 0.00	34.41 0.88 0.00	38.43 0.96 0.00	46.87 0.88 0.00	42.53 0.63 0.00	39.77 0.46 0.00	42.21 0.38 0.00	47.47 0.39 0.00	46.78 0.48 0.00	62.70 0.24 0.00	61.25 0.50 0.00	157.19 2.48 -12.16	310.93 5.24 -3.37	481.02 8.83 0.00	115.84 3.70 0.00	129.04 4.54 0.00	120.08 4.82 0.00	57.60 2.17 0.00	45.19 1.56 0.00	44.50 1.39 0.00
DUNKIRK___115KV_TB_200 55889	36.70 2.60 0.00	45.30 2.13 0.00	39.07 1.23 0.00	32.29 0.45 0.00	31.99 0.59 0.00	34.37 0.84 0.00	38.77 1.30 0.00	48.36 2.37 0.00	45.43 3.53 0.00	42.63 3.32 0.00	45.86 4.02 0.00	52.44 5.36 0.00	51.87 5.58 0.00	68.82 6.36 0.00	65.50 4.75 0.00	150.94 8.39 0.00	321.26 18.93 0.00	490.75 18.57 0.00	116.68 4.55 0.00	131.58 7.08 0.00	121.24 5.97 0.00	59.12 3.69 0.00	46.98 3.36 0.00	46.23 3.11 0.00
DUNKIRK___1 23563	36.70 2.60 0.00	45.30 2.13 0.00	39.07 1.23 0.00	32.29 0.45 0.00	31.99 0.59 0.00	34.37 0.84 0.00	38.77 1.30 0.00	48.36 2.37 0.00	45.43 3.53 0.00	42.63 3.32 0.00	45.86 4.02 0.00	52.44 5.36 0.00	51.87 5.58 0.00	68.82 6.36 0.00	65.50 4.75 0.00	150.94 8.39 0.00	321.26 18.93 0.00	490.75 18.57 0.00	116.68 4.55 0.00	131.58 7.08 0.00	121.24 5.97 0.00	59.12 3.69 0.00	46.98 3.36 0.00	46.23 3.11 0.00
DUNKIRK___2 23564	36.70 2.60 0.00	45.30 2.13 0.00	39.07 1.23 0.00	32.29 0.45 0.00	31.99 0.59 0.00	34.37 0.84 0.00	38.77 1.30 0.00	48.36 2.37 0.00	45.43 3.53 0.00	42.63 3.32 0.00	45.86 4.02 0.00	52.44 5.36 0.00	51.87 5.58 0.00	68.82 6.36 0.00	65.50 4.75 0.00	150.94 8.39 0.00	321.26 18.93 0.00	490.75 18.57 0.00	116.68 4.55 0.00	131.58 7.08 0.00	121.24 5.97 0.00	59.12 3.69 0.00	46.98 3.36 0.00	46.23 3.11 0.00
DUNKIRK___3 23565	36.41 2.32 0.00	44.94 1.78 0.00	38.78 0.94 0.00	32.04 0.20 0.00	31.74 0.34 0.00	34.09 0.56 0.00	38.43 0.96 0.00	47.94 1.95 0.00	44.99 3.10 0.00	42.22 2.90 0.00	45.38 3.55 0.00	51.74 4.66 0.00	51.21 4.92 0.00	68.01 5.54 0.00	64.81 4.06 0.00	149.40 6.85 0.00	317.78 15.45 0.00	485.60 13.42 0.00	115.34 3.20 0.00	129.94 5.44 0.00	119.58 4.31 0.00	58.22 2.79 0.00	46.30 2.68 0.00	45.65 2.54 0.00
DUNKIRK___4 23566	36.41 2.32 0.00	44.94 1.78 0.00	38.78 0.94 0.00	32.04 0.20 0.00	31.74 0.34 0.00	34.09 0.56 0.00	38.43 0.96 0.00	47.94 1.95 0.00	44.99 3.10 0.00	42.22 2.90 0.00	45.38 3.55 0.00	51.98 4.90 0.00	51.45 5.16 0.00	68.30 5.83 0.00	65.00 4.26 0.00	149.81 7.26 0.00	318.12 15.80 0.00	487.23 15.04 0.00	115.76 3.62 0.00	130.72 6.23 0.00	120.17 4.90 0.00	58.59 3.16 0.00	46.66 3.04 0.00	45.97 2.85 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	37.67 2.06 -1.52	45.36 2.20 0.00	39.74 1.90 0.00	33.45 1.61 0.00	32.93 1.53 0.00	35.14 1.61 0.00	39.35 1.88 0.00	48.20 2.22 0.00	44.43 2.54 0.00	42.22 2.91 0.00	45.50 3.07 -0.60	50.54 3.46 0.00	49.74 3.45 0.00	67.36 4.89 0.00	65.83 5.09 0.00	154.62 12.07 0.00	326.41 24.08 0.00	508.44 36.25 0.00	120.51 8.38 0.00	133.00 8.50 0.00	122.88 7.61 0.00	58.88 3.45 0.00	46.42 2.80 0.00	46.05 2.93 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	35.46 1.82 0.45	45.10 1.94 0.00	39.48 1.64 0.00	33.24 1.40 0.00	32.72 1.32 0.00	34.91 1.38 0.00	39.10 1.63 0.00	47.96 1.97 0.00	44.07 2.17 0.00	41.78 2.47 0.00	44.32 2.66 0.18	50.14 3.05 0.00	49.36 3.07 0.00	66.85 4.38 0.00	65.36 4.62 0.00	153.51 10.97 0.00	324.83 22.50 0.00	506.71 34.52 0.00	120.25 8.11 0.00	132.87 8.37 0.00	122.62 7.35 0.00	58.76 3.33 0.00	46.24 2.62 0.00	45.75 2.64 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	37.75 2.13 -1.52	45.33 2.17 0.00	39.77 1.93 0.00	33.50 1.66 0.00	33.01 1.61 0.00	35.24 1.71 0.00	39.46 1.99 0.00	48.34 2.35 0.00	44.62 2.72 0.00	42.35 3.04 0.00	45.62 3.19 -0.60	50.68 3.60 0.00	49.86 3.57 0.00	67.57 5.11 0.00	66.04 5.29 0.00	154.60 12.05 0.00	326.42 24.09 0.00	509.18 37.00 0.00	120.71 8.57 0.00	132.95 8.45 -0.01	123.10 7.82 -0.01	58.91 3.48 -0.01	46.61 2.98 0.00	46.24 3.13 0.00
E179THST_13_KV_LOAD 356214	37.99 2.38 -1.52	45.64 2.48 0.00	40.02 2.17 0.00	33.71 1.87 0.00	33.21 1.80 0.00	35.46 1.93 0.00	39.71 2.24 0.00	48.66 2.67 0.00	44.95 3.05 0.00	42.66 3.35 0.00	45.96 3.53 -0.60	51.07 4.00 0.00	50.24 3.95 0.00	68.09 5.63 0.00	66.56 5.82 0.00	155.84 13.29 0.00	328.89 26.56 0.00	513.04 40.85 0.00	121.61 9.47 0.00	134.01 9.51 -0.01	124.03 8.76 -0.01	59.37 3.94 -0.01	46.98 3.35 0.00	46.59 3.48 0.00
EAST HAMPTON___GT 23717	49.49 3.06 -12.33	57.77 3.39 -11.21	53.97 3.15 -12.97	58.16 3.22 -23.10	56.47 3.42 -21.66	49.42 3.39 -12.49	41.49 4.02 0.00	49.32 3.33 0.00	46.38 4.48 0.00	43.53 4.22 0.00	47.38 4.94 -0.60	53.20 6.12 0.00	53.14 6.00 -0.85	70.92 8.10 -0.36	92.20 8.41 -23.04	212.05 19.18 -50.32	436.61 39.69 -94.59	535.18 58.08 -4.92	177.74 12.04 -53.56	224.72 12.17 -88.06	228.84 11.19 -102.38	107.66 5.10 -47.13	47.49 3.87 0.00	46.20 3.09 0.00
EAST RIVER___6 23660	37.82 2.20 -1.52	45.44 2.28 0.00	39.83 1.99 0.00	33.54 1.70 0.00	33.00 1.60 0.00	35.22 1.69 0.00	39.48 2.02 0.00	48.42 2.43 0.00	44.77 2.88 0.00	42.65 3.34 0.00	45.91 3.48 -0.60	50.99 3.91 0.00	50.18 3.89 0.00	67.88 5.42 0.00	66.35 5.60 0.00	155.64 13.09 0.00	327.82 25.49 0.00	510.64 38.45 0.00	121.25 9.11 0.00	133.72 9.22 0.00	123.54 8.27 0.00	59.16 3.73 0.00	46.74 3.12 0.00	46.39 3.28 0.00
EAST RIVER___7 23524	37.82 2.20 -1.52	45.44 2.28 0.00	39.83 1.99 0.00	33.54 1.70 0.00	33.00 1.60 0.00	35.22 1.69 0.00	39.48 2.02 0.00	48.42 2.43 0.00	44.77 2.88 0.00	42.65 3.34 0.00	45.91 3.48 -0.60	50.99 3.91 0.00	50.18 3.89 0.00	67.88 5.42 0.00	66.35 5.60 0.00	155.64 13.09 0.00	327.82 25.49 0.00	510.64 38.45 0.00	121.25 9.11 0.00	133.72 9.22 0.00	123.54 8.27 0.00	59.16 3.73 0.00	46.74 3.12 0.00	46.39 3.28 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	37.67 1.95 -1.62	45.24 2.07 0.00	39.64 1.80 0.00	33.38 1.53 0.00	32.84 1.44 0.00	35.05 1.51 0.00	39.25 1.78 0.00	48.07 2.09 0.00	44.28 2.39 0.00	42.06 2.75 0.00	45.38 2.92 -0.64	50.37 3.29 0.00	49.57 3.28 0.00	67.17 4.70 0.00	65.65 4.90 0.00	154.19 11.64 0.00	325.50 23.17 0.00	507.30 35.12 0.00	120.28 8.14 0.00	132.68 8.18 0.00	122.61 7.34 0.00	58.76 3.33 0.00	46.31 2.69 0.00	45.91 2.80 0.00
EAST_HAMPTON___DIESEL 23722	49.39 2.96 -12.33	57.64 3.26 -11.21	53.86 3.05 -12.97	58.12 3.17 -23.10	56.44 3.39 -21.66	49.36 3.34 -12.49	41.45 3.98 0.00	49.27 3.28 0.00	46.34 4.45 0.00	43.51 4.20 0.00	47.36 4.92 -0.60	53.21 6.13 0.00	53.13 6.00 -0.85	70.91 8.08 -0.36	92.15 8.37 -23.04	211.86 19.00 -50.32	436.32 39.40 -94.59	534.59 57.49 -4.92	177.54 11.84 -53.56	224.44 11.88 -88.06	228.60 10.95 -102.38	107.54 4.98 -47.13	47.41 3.78 0.00	46.09 2.98 0.00
EAST_POINT___SOLAR 323840	36.52 2.42 0.00	46.06 2.90 0.00	40.29 2.45 0.00	33.86 2.02 0.00	33.42 2.02 0.00	35.78 2.25 0.00	39.95 2.48 0.00	48.48 2.49 0.00	43.80 1.91 0.00	40.76 1.44 0.00	43.51 1.67 0.00	48.68 1.60 0.00	48.02 1.73 0.00	64.74 2.28 0.00	63.24 2.49 0.00	149.36 6.82 0.00	318.63 16.31 0.00	501.12 28.93 0.00	120.90 8.76 0.00	136.30 11.80 0.00	126.59 11.33 0.00	60.85 5.42 0.00	47.73 4.11 0.00	46.91 3.80 0.00
EAST_PULASKI___ESR 323781	34.03 -0.20 -0.14	42.99 -0.43 -0.25	37.46 -0.38 0.00	31.51 -0.33 0.00	31.14 -0.26 0.00	33.36 -0.17 0.00	37.30 -0.17 0.00	48.60 -0.13 -2.75	42.54 0.10 -0.55	39.42 0.05 -0.06	42.00 0.05 -0.11	48.97 0.09 -1.81	48.59 0.25 -2.05	69.59 0.19 -6.94	66.56 0.07 -5.75	129.42 0.20 13.33	298.67 0.02 3.68	472.73 0.54 0.00	112.86 0.72 0.00	126.50 1.98 -0.03	128.20 1.68 -11.26	60.19 0.62 -4.15	44.28 0.44 -0.21	44.21 0.36 -0.73
EAST_RIVER___1 323558	37.80 2.18 -1.52	45.46 2.29 0.00	39.83 1.99 0.00	33.53 1.69 0.00	33.00 1.60 0.00	35.23 1.70 0.00	39.48 2.02 0.00	48.40 2.41 0.00	44.69 2.79 0.00	42.54 3.23 0.00	45.84 3.41 -0.60	50.89 3.81 0.00	50.08 3.79 0.00	67.78 5.32 0.00	66.22 5.48 0.00	155.40 12.86 0.00	327.62 25.30 0.00	510.41 38.22 0.00	121.03 8.90 0.00	133.45 8.95 0.00	123.33 8.06 0.00	59.08 3.66 0.00	46.65 3.03 0.00	46.31 3.20 0.00
EAST_RIVER___2 323559	37.82 2.20 -1.52	45.44 2.28 0.00	39.83 1.99 0.00	33.54 1.70 0.00	33.00 1.60 0.00	35.22 1.69 0.00	39.48 2.02 0.00	48.42 2.43 0.00	44.77 2.88 0.00	42.65 3.34 0.00	45.91 3.48 -0.60	50.99 3.91 0.00	50.18 3.89 0.00	67.88 5.42 0.00	66.35 5.60 0.00	155.64 13.09 0.00	327.82 25.49 0.00	510.64 38.45 0.00	121.25 9.11 0.00	133.72 9.22 0.00	123.54 8.27 0.00	59.16 3.73 0.00	46.74 3.12 0.00	46.39 3.28 0.00
EAST___DELAWARE_HYD 23607	34.68 0.90 0.32	43.95 0.79 0.00	38.45 0.60 0.00	32.34 0.50 0.00	31.83 0.43 0.00	33.98 0.45 0.00	38.07 0.60 0.00	46.70 0.71 0.00	42.85 0.95 0.00	40.69 1.38 0.00	43.15 1.44 0.12	48.81 1.73 0.00	47.89 1.60 0.00	63.55 1.08 0.00	62.25 1.51 0.00	146.35 3.80 0.00	310.36 8.03 0.00	485.03 12.85 0.00	115.40 3.26 0.00	127.55 3.05 0.00	117.90 2.64 0.00	57.76 2.33 0.00	45.30 1.68 0.00	44.70 1.59 0.00
EIGHT_POINT___WT_PWR 323820	35.04 0.92 -0.02	43.71 0.51 -0.03	37.76 -0.08 0.00	31.37 -0.47 0.00	31.25 -0.15 0.00	33.75 0.22 0.00	38.08 0.61 0.00	48.09 1.75 -0.36	44.52 2.55 -0.07	41.73 2.41 -0.01	44.65 2.80 -0.02	51.15 3.83 -0.24	50.88 4.31 -0.27	68.41 5.03 -0.92	65.13 3.63 -0.76	150.23 7.58 -0.10	319.64 17.28 -0.03	491.12 18.93 0.00	117.15 5.02 0.00	131.21 6.71 0.00	122.37 5.61 -1.50	59.16 3.18 -0.55	46.31 2.66 -0.03	45.91 2.70 -0.10
ELBRIDGE_115KV_TB2 80188	34.54 0.36 -0.09	43.43 0.11 -0.17	37.81 -0.03 0.00	31.72 -0.12 0.00	31.30 -0.10 0.00	33.47 -0.06 0.00	37.52 0.05 0.00	48.05 0.23 -1.83	42.62 0.36 -0.36	39.79 0.44 -0.04	42.49 0.58 -0.08	49.04 0.76 -1.20	48.58 0.93 -1.36	68.17 1.09 -4.61	65.40 0.84 -3.82	144.67 1.61 -0.51	306.18 3.71 -0.15	476.17 3.98 0.00	113.36 1.22 0.00	126.25 1.74 -0.02	123.97 1.22 -7.48	58.80 0.61 -2.76	44.31 0.55 -0.14	44.01 0.41 -0.49
ELEC_TRO_TEK 24086	48.95 2.52 -12.33	57.16 2.78 -11.21	53.22 2.40 -12.97	56.97 2.03 -23.10	55.00 1.94 -21.66	48.07 2.05 -12.49	39.80 2.34 0.00	48.42 2.43 0.00	44.89 2.99 0.00	42.67 3.36 0.00	46.02 3.59 -0.60	50.98 3.90 0.00	50.97 4.00 -0.68	69.68 5.46 -1.75	144.42 5.81 -77.87	235.04 13.88 -78.62	467.20 28.13 -136.75	531.95 42.51 -17.25	137.34 9.57 -15.63	149.06 9.92 -14.65	147.85 9.09 -23.50	94.24 4.19 -34.62	46.84 3.22 0.00	46.18 3.06 0.00

ELLENBURG_WT_PWR 323604	33.01 -1.08 0.00	42.05 -1.11 0.00	37.01 -0.84 0.00	31.29 -0.55 0.00	30.87 -0.53 0.00	32.96 -0.57 0.00	36.64 -0.83 0.00	44.99 -1.00 0.00	41.06 -0.84 0.00	38.60 -0.71 0.00	40.99 -0.84 0.00	45.95 -1.13 0.00	44.67 -1.62 0.00	59.70 -2.77 0.00	57.77 -2.97 0.00	-101.60 -6.60 237.56	226.83 -9.70 65.80	457.56 -14.63 0.00	108.94 -3.20 0.00	120.92 -3.57 0.00	112.27 -2.99 0.00	53.95 -1.48 0.00	42.57 -1.05 0.00	42.09 -1.03 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	35.99 1.89 0.00	44.37 1.21 0.00	38.27 0.42 0.00	31.58 -0.26 0.00	31.25 -0.15 0.00	33.53 0.00 0.00	37.76 0.29 0.00	47.17 1.18 0.00	44.36 2.47 0.00	41.52 2.21 0.00	44.67 2.84 0.00	50.97 3.89 0.00	50.46 4.17 0.00	67.04 4.58 0.00	63.74 3.00 0.00	146.91 4.36 0.00	310.40 8.08 0.00	477.72 5.53 0.00	113.31 1.17 0.00	128.34 3.85 0.00	117.40 2.13 0.00	57.29 1.86 0.00	45.81 2.19 0.00	45.29 2.17 0.00
EMPIRE_CC_1 323656	35.39 0.97 -0.33	44.29 1.13 0.00	38.85 1.01 0.00	32.90 1.06 0.00	32.44 1.04 0.00	34.49 0.96 0.00	38.34 0.87 0.00	46.92 0.93 0.00	42.70 0.80 0.00	40.14 0.83 0.00	42.70 0.74 -0.13	47.79 0.71 0.00	46.88 0.59 0.00	63.81 1.34 0.00	62.38 1.64 0.00	146.65 4.11 0.00	309.49 7.16 0.00	484.45 12.27 0.00	115.21 3.07 0.00	127.68 3.19 0.00	118.25 2.98 0.00	56.76 1.34 0.00	44.78 1.16 0.00	44.24 1.13 0.00
EMPIRE_CC_2 323658	35.39 0.97 -0.33	44.29 1.13 0.00	38.85 1.01 0.00	32.90 1.06 0.00	32.44 1.04 0.00	34.49 0.96 0.00	38.34 0.87 0.00	46.92 0.93 0.00	42.70 0.80 0.00	40.14 0.83 0.00	42.70 0.74 -0.13	47.79 0.71 0.00	46.88 0.59 0.00	63.81 1.34 0.00	62.38 1.64 0.00	146.65 4.11 0.00	309.49 7.16 0.00	484.45 12.27 0.00	115.21 3.07 0.00	127.68 3.19 0.00	118.25 2.98 0.00	56.76 1.34 0.00	44.78 1.16 0.00	44.24 1.13 0.00
ENORWICH_115KV_TB1 80156	37.30 3.17 -0.03	46.70 3.47 -0.06	40.69 2.85 0.00	34.15 2.31 0.00	33.85 2.46 0.00	36.36 2.82 0.00	40.81 3.35 0.00	50.92 4.25 -0.68	46.08 4.05 -0.14	43.00 3.67 -0.02	45.70 3.83 -0.03	52.17 4.64 -0.45	51.76 4.96 -0.51	70.81 6.62 -1.73	68.29 6.12 -1.43	155.72 12.98 -0.19	333.88 31.50 -0.06	520.95 48.76 0.00	124.94 12.80 0.00	140.00 15.50 -0.01	132.25 14.18 -2.80	63.20 6.74 -1.03	48.72 5.05 -0.05	47.89 4.60 -0.18
ERIE_ST__34_KV_TB1-2 80199	36.37 2.27 0.00	44.83 1.66 0.00	38.65 0.80 0.00	31.89 0.05 0.00	31.56 0.15 0.00	33.85 0.32 0.00	38.15 0.68 0.00	47.66 1.67 0.00	44.83 2.93 0.00	42.05 2.73 0.00	45.24 3.41 0.00	51.65 4.57 0.00	51.28 4.99 0.00	68.17 5.71 0.00	64.90 4.15 0.00	149.93 7.38 0.00	317.37 15.05 0.00	488.05 15.86 0.00	115.66 3.52 0.00	130.65 6.15 0.00	119.73 4.46 0.00	58.18 2.75 0.00	46.34 2.71 0.00	45.77 2.65 0.00
ERIE_WT_PWR 323693	36.20 2.11 0.00	44.65 1.49 0.00	38.49 0.65 0.00	31.77 -0.07 0.00	31.45 0.05 0.00	33.73 0.20 0.00	37.98 0.51 0.00	47.47 1.49 0.00	44.65 2.76 0.00	41.83 2.52 0.00	45.00 3.17 0.00	51.37 4.29 0.00	50.87 4.58 0.00	67.61 5.14 0.00	64.34 3.59 0.00	148.28 5.73 0.00	313.54 11.22 0.00	481.69 9.50 0.00	114.43 2.29 0.00	129.54 5.05 0.00	118.57 3.30 0.00	57.79 2.37 0.00	46.16 2.54 0.00	45.61 2.50 0.00
ESPRGFLD_115KV_TB1 80157	36.06 1.96 0.00	45.45 2.28 0.00	39.72 1.88 0.00	33.37 1.53 0.00	32.93 1.53 0.00	35.28 1.75 0.00	39.59 2.12 0.00	48.70 2.72 0.00	44.33 2.43 0.00	41.98 2.67 0.00	44.87 3.04 0.00	50.59 3.51 0.00	49.99 3.70 0.00	67.01 4.55 0.00	64.84 4.10 0.00	151.35 8.80 0.00	322.52 20.19 0.00	504.39 32.20 0.00	120.34 8.20 0.00	134.38 9.89 0.00	124.22 8.95 0.00	59.71 4.28 0.00	46.94 3.32 0.00	46.21 3.09 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	35.50 1.36 -0.05	44.57 1.32 -0.09	38.81 0.97 0.00	32.52 0.68 0.00	32.12 0.72 0.00	34.40 0.87 0.00	38.59 1.13 0.00	48.50 1.56 -0.95	43.66 1.57 -0.19	40.85 1.51 -0.02	43.51 1.64 -0.04	49.73 2.03 -0.63	49.27 2.27 -0.71	67.75 2.89 -2.40	65.34 2.60 -1.99	148.44 5.63 -0.27	315.77 13.36 -0.08	491.04 18.86 0.00	117.25 5.11 0.00	130.78 6.28 -0.01	124.87 5.70 -3.90	59.58 2.71 -1.44	45.78 2.08 -0.07	45.24 1.87 -0.25
ETNA____115KV_TB2 80207	35.50 1.36 -0.05	44.57 1.32 -0.09	38.81 0.97 0.00	32.52 0.68 0.00	32.12 0.72 0.00	34.40 0.87 0.00	38.59 1.13 0.00	48.50 1.56 -0.95	43.66 1.57 -0.19	40.85 1.51 -0.02	43.51 1.64 -0.04	49.73 2.03 -0.63	49.27 2.27 -0.71	67.75 2.89 -2.40	65.34 2.60 -1.99	148.44 5.63 -0.27	315.77 13.36 -0.08	491.04 18.86 0.00	117.25 5.11 0.00	130.78 6.28 -0.01	124.87 5.70 -3.90	59.58 2.71 -1.44	45.78 2.08 -0.07	45.24 1.87 -0.25
EUCLID____115KV_TB2 356179	34.21 0.07 -0.04	43.06 -0.18 -0.07	37.54 -0.31 0.00	31.49 -0.35 0.00	31.08 -0.32 0.00	33.23 -0.30 0.00	37.24 -0.23 0.00	46.63 -0.14 -0.78	42.15 0.09 -0.16	39.50 0.17 -0.02	42.15 0.28 -0.03	48.08 0.49 -0.51	47.51 0.64 -0.59	65.22 0.79 -1.98	62.95 0.56 -1.64	143.73 0.96 -0.22	304.47 2.08 -0.06	473.92 5.11 0.00	112.71 0.57 0.00	125.54 1.03 -0.01	119.02 0.54 -3.21	56.88 0.27 -1.18	43.91 0.23 -0.06	43.44 0.11 -0.21
E_CANADA_CAP_HY 24051	36.20 2.11 0.00	45.68 2.52 0.00	39.98 2.14 0.00	33.61 1.77 0.00	33.17 1.77 0.00	35.51 1.98 0.00	39.74 2.27 0.00	48.78 2.79 0.00	44.25 2.36 0.00	41.79 2.47 0.00	44.66 2.83 0.00	50.20 3.12 0.00	49.52 3.24 0.00	66.39 3.93 0.00	64.26 3.52 0.00	150.20 7.65 0.00	320.11 17.78 0.00	503.07 30.88 0.00	120.57 8.43 0.00	135.29 10.79 0.00	125.12 9.86 0.00	60.23 4.80 0.00	47.33 3.71 0.00	46.58 3.47 0.00
E_CANADA_MHWK_HY 24050	35.25 1.15 0.00	44.32 1.15 0.00	38.65 0.81 0.00	32.57 0.73 0.00	32.20 0.79 0.00	34.41 0.88 0.00	38.43 0.96 0.00	46.87 0.88 0.00	42.53 0.63 0.00	39.77 0.46 0.00	42.21 0.38 0.00	47.47 0.39 0.00	46.78 0.48 0.00	62.70 0.24 0.00	61.25 0.50 0.00	157.19 2.48 -12.16	310.93 5.24 -3.37	481.02 8.83 0.00	115.84 3.70 0.00	129.04 4.54 0.00	120.08 4.82 0.00	57.60 2.17 0.00	45.19 1.56 0.00	44.50 1.39 0.00
E_FISHKILL____LBMP 23776	36.31 1.69 -0.53	44.97 1.81 0.00	39.41 1.56 0.00	33.18 1.34 0.00	32.66 1.26 0.00	34.86 1.33 0.00	39.01 1.54 0.00	47.83 1.84 0.00	43.92 2.02 0.00	41.61 2.30 0.00	44.49 2.45 -0.21	49.82 2.74 0.00	48.99 2.70 0.00	66.37 3.91 0.00	64.90 4.15 0.00	152.45 9.90 0.00	322.27 19.94 0.00	502.40 30.21 0.00	119.16 7.02 0.00	131.62 7.13 0.00	121.66 6.40 0.00	58.33 2.90 0.00	45.98 2.36 0.00	45.55 2.43 0.00
FALCON____SEABRD_CC1 323796	33.34 -0.76 0.00	42.48 -0.69 0.00	37.37 -0.47 0.00	31.61 -0.23 0.00	31.19 -0.21 0.00	33.26 -0.27 0.00	36.86 -0.61 0.00	45.24 -0.75 0.00	41.29 -0.61 0.00	38.90 -0.42 0.00	41.33 -0.50 0.00	46.34 -0.74 0.00	44.75 -1.54 0.00	59.33 -3.14 0.00	57.25 -3.50 0.00	-102.08 -7.64 236.99	227.42 -9.27 65.64	457.94 -14.25 0.00	109.11 -3.02 0.00	121.10 -3.40 0.00	112.54 -2.73 0.00	53.98 -1.44 0.00	42.84 -0.78 0.00	42.37 -0.74 0.00

FALCON___SEABRD_CC2 323797	33.34 -0.76 0.00	42.48 -0.69 0.00	37.37 -0.47 0.00	31.61 -0.23 0.00	31.19 -0.21 0.00	33.26 -0.27 0.00	36.86 -0.61 0.00	45.24 -0.75 0.00	41.29 -0.61 0.00	38.90 -0.42 0.00	41.33 -0.50 0.00	46.34 -0.74 0.00	44.75 -1.54 0.00	59.33 -3.14 0.00	57.25 -3.50 0.00	-102.08 -7.64 236.99	227.42 -9.27 65.64	457.94 -14.25 0.00	109.11 -3.02 0.00	121.10 -3.40 0.00	112.54 -2.73 0.00	53.98 -1.44 0.00	42.84 -0.78 0.00	42.37 -0.74 0.00
FAR ROCKAWAY___4 23548	49.65 3.23 -12.33	57.98 3.60 -11.21	53.91 3.09 -12.97	57.53 2.59 -23.10	55.54 2.48 -21.66	48.66 2.64 -12.49	40.46 2.99 0.00	49.26 3.28 0.00	45.75 3.85 0.00	43.50 4.19 0.00	46.79 4.36 -0.60	51.62 4.54 0.00	51.40 4.43 -0.68	69.96 6.19 -1.30	127.49 6.65 -60.10	223.67 15.80 -65.32	457.59 32.50 -122.77	534.15 49.12 -12.84	138.84 11.07 -15.63	150.68 11.54 -14.65	148.94 10.18 -23.50	95.04 5.00 -34.62	47.61 3.99 0.00	46.87 3.76 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	37.76 2.15 -1.52	45.42 2.26 0.00	39.80 1.96 0.00	33.51 1.67 0.00	33.00 1.60 0.00	35.26 1.73 0.00	39.50 2.04 0.00	48.44 2.45 0.00	44.70 2.80 0.00	42.55 3.24 0.00	45.84 3.41 -0.60	50.90 3.82 0.00	50.08 3.79 0.00	67.80 5.33 0.00	66.22 5.48 0.00	155.46 12.91 0.00	327.67 25.34 0.00	510.56 38.38 0.00	121.08 8.94 0.00	133.51 9.02 0.00	123.33 8.06 0.00	59.08 3.66 0.00	46.65 3.03 0.00	46.33 3.22 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	37.86 2.25 -1.52	45.54 2.38 0.00	39.90 2.05 0.00	33.58 1.75 0.00	33.05 1.65 0.00	35.29 1.76 0.00	39.54 2.07 0.00	48.48 2.48 0.00	44.74 2.84 0.00	42.58 3.27 0.00	45.87 3.44 -0.60	50.94 3.86 0.00	50.13 3.84 0.00	67.86 5.40 0.00	66.28 5.54 0.00	155.61 13.06 0.00	328.02 25.69 0.00	511.05 38.86 0.00	121.19 9.05 0.00	133.67 9.18 0.00	123.49 8.22 0.00	59.16 3.73 0.00	46.72 3.09 0.00	46.38 3.27 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	37.79 2.17 -1.52	45.46 2.30 0.00	39.84 1.99 0.00	33.54 1.70 0.00	33.00 1.60 0.00	35.24 1.70 0.00	39.49 2.02 0.00	48.41 2.42 0.00	44.67 2.78 0.00	42.53 3.22 0.00	45.80 3.37 -0.60	50.87 3.79 0.00	50.05 3.76 0.00	67.74 5.27 0.00	66.19 5.45 0.00	155.37 12.82 0.00	327.41 25.09 0.00	510.15 37.96 0.00	120.96 8.83 0.00	133.39 8.89 0.00	123.21 7.95 0.00	59.03 3.60 0.00	46.61 2.99 0.00	46.29 3.17 0.00
FARRAGUT___LBMP 323566	37.76 2.15 -1.52	45.42 2.26 0.00	39.80 1.96 0.00	33.51 1.67 0.00	32.97 1.57 0.00	35.20 1.67 0.00	39.44 1.98 0.00	48.35 2.36 0.00	44.62 2.72 0.00	42.46 3.15 0.00	45.74 3.31 -0.60	50.79 3.71 0.00	49.97 3.68 0.00	67.65 5.19 0.00	66.09 5.34 0.00	155.12 12.57 0.00	327.02 24.69 0.00	509.55 37.36 0.00	120.82 8.68 0.00	133.21 8.71 0.00	123.10 7.83 0.00	58.97 3.54 0.00	46.57 2.95 0.00	46.25 3.13 0.00
FENNER___WINDPWR 24204	35.18 1.05 -0.04	44.31 1.07 -0.07	38.69 0.85 0.00	32.53 0.69 0.00	32.13 0.73 0.00	34.38 0.85 0.00	38.52 1.05 0.00	48.13 1.39 -0.74	43.44 1.39 -0.15	40.70 1.38 -0.02	43.37 1.50 -0.03	49.37 1.80 -0.49	48.75 1.91 -0.56	66.90 2.57 -1.87	64.69 2.39 -1.55	148.30 5.54 -0.21	314.98 12.59 -0.06	490.65 18.46 0.00	117.00 4.86 0.00	130.28 5.77 -0.01	123.74 5.43 -3.04	59.10 2.55 -1.12	45.58 1.90 -0.06	45.00 1.69 -0.20
FIBERTEK___ENERGY 23856	34.67 0.49 -0.08	43.65 0.32 -0.16	37.98 0.14 0.00	31.86 0.03 0.00	31.45 0.05 0.00	33.65 0.12 0.00	37.72 0.25 0.00	48.17 0.46 -1.72	42.81 0.57 -0.34	39.93 0.58 -0.04	42.59 0.69 -0.07	49.06 0.85 -1.13	48.56 0.98 -1.28	67.98 1.17 -4.34	65.30 0.96 -3.60	145.02 1.99 -0.48	307.04 4.57 -0.14	477.76 5.57 0.00	113.73 1.59 0.00	126.67 2.15 -0.02	123.89 1.58 -7.05	58.77 0.75 -2.60	44.35 0.59 -0.13	44.00 0.43 -0.46
FITZPATRICK____ 23598	33.01 -0.61 0.48	41.29 -0.99 0.89	36.88 -0.96 0.00	30.95 -0.89 0.00	30.54 -0.86 0.00	32.65 -0.88 0.00	36.54 -0.93 0.00	35.35 -1.03 9.61	39.20 -0.78 1.92	38.43 -0.68 0.21	40.78 -0.66 0.40	40.13 -0.64 6.31	38.61 -0.52 7.17	37.43 -0.79 24.24	39.76 -0.91 20.08	137.46 -2.41 2.68	296.43 -5.11 0.79	463.33 -8.86 0.00	110.16 -1.97 0.00	122.52 -1.88 0.09	73.93 -2.01 39.33	39.99 -0.95 14.49	42.17 -0.70 0.75	39.79 -0.77 2.56
FLOWRFLD_69_KV_BK1 356044	49.47 3.05 -12.33	57.88 3.50 -11.21	53.89 3.08 -12.97	57.56 2.62 -23.10	55.58 2.52 -21.66	48.66 2.64 -12.49	40.43 2.96 0.00	48.37 2.38 0.00	45.10 3.20 0.00	42.92 3.61 0.00	46.19 3.76 -0.60	51.22 4.14 0.00	51.45 4.34 -0.82	68.65 5.80 -0.38	90.96 6.42 -23.80	229.10 15.79 -70.76	431.63 31.68 -97.63	526.94 47.21 -7.54	235.36 10.52 -112.70	322.21 11.85 -185.86	331.75 11.19 -205.29	116.80 5.20 -56.17	47.36 3.73 0.00	46.54 3.43 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	36.37 2.27 0.00	45.66 2.50 0.00	39.96 2.12 0.00	33.62 1.78 0.00	33.10 1.70 0.00	35.34 1.81 0.00	39.58 2.11 0.00	48.58 2.60 0.00	44.66 2.77 0.00	42.37 3.05 0.00	45.17 3.34 0.00	50.91 3.83 0.00	50.15 3.86 0.00	67.96 5.49 0.00	66.47 5.73 0.00	156.32 13.77 0.00	330.89 28.56 0.00	515.92 43.73 0.00	122.37 10.23 0.00	135.11 10.61 0.00	124.62 9.36 0.00	59.68 4.25 0.00	46.93 3.31 0.00	46.38 3.27 0.00
FORT ORANGE____ 23900	35.48 1.14 -0.24	44.51 1.35 0.00	38.98 1.14 0.00	32.86 1.03 0.00	32.40 1.00 0.00	34.52 0.99 0.00	38.37 0.90 0.00	46.89 0.90 0.00	42.55 0.65 0.00	39.94 0.63 0.00	42.43 0.51 -0.10	47.51 0.43 0.00	46.62 0.33 0.00	63.31 0.85 0.00	61.79 1.04 0.00	145.39 2.84 0.00	307.53 5.20 0.00	481.83 9.64 0.00	114.79 2.66 0.00	127.39 2.89 0.00	117.97 2.71 0.00	56.59 1.16 0.00	44.64 1.01 0.00	44.42 1.31 0.00
FORT_DRUM_COGEN 23780	33.87 -0.30 -0.07	42.73 -0.56 -0.13	37.75 -0.10 0.00	31.99 0.16 0.00	31.73 0.33 0.00	34.16 0.62 0.00	37.96 0.49 0.00	48.12 0.75 -1.38	43.23 1.05 -0.27	40.30 0.96 -0.03	42.89 1.00 -0.06	48.90 0.92 -0.91	48.37 1.04 -1.03	66.91 0.97 -3.48	64.62 0.99 -2.88	99.51 3.21 46.24	295.52 5.99 12.80	485.11 12.93 0.00	116.69 4.55 0.00	131.20 6.69 -0.02	127.93 7.01 -5.65	60.63 3.12 -2.08	45.84 2.11 -0.11	45.33 1.85 -0.37
FOX_HILLS___ESR 323835	37.84 2.22 -1.52	45.38 2.21 0.00	39.85 2.01 0.00	33.58 1.74 0.00	33.03 1.63 0.00	35.27 1.74 0.00	39.47 2.00 0.00	43.01 2.24 5.22	43.15 2.63 1.38	42.14 3.10 0.27	45.62 3.19 -0.60	50.70 3.62 0.00	49.90 3.61 0.00	67.64 5.17 0.00	66.11 5.36 0.00	154.81 12.26 0.00	326.62 24.30 0.00	509.25 37.06 0.00	121.59 8.50 -0.95	152.38 8.26 -19.62	256.58 7.81 -133.51	101.69 3.50 -42.76	48.78 3.06 -2.10	46.39 3.27 0.00
FPL FAR_ROCK_GT1 24212	49.66 3.23 -12.33	57.98 3.60 -11.21	53.91 3.09 -12.97	57.53 2.59 -23.10	55.54 2.48 -21.66	48.66 2.63 -12.49	40.46 2.99 0.00	49.26 3.27 0.00	45.76 3.86 0.00	43.50 4.19 0.00	46.80 4.36 -0.60	51.61 4.54 0.00	51.40 4.43 -0.68	69.96 6.20 -1.30	127.50 6.66 -60.10	223.66 15.80 -65.32	457.58 32.49 -122.77	534.15 49.12 -12.84	138.87 11.11 -15.63	150.68 11.54 -14.65	148.93 10.17 -23.50	95.05 5.00 -34.62	47.62 3.99 0.00	46.87 3.76 0.00

FPL FAR_ROCK_GT2 23815	49.66 3.23 -12.33	57.98 3.60 -11.21	53.91 3.09 -12.97	57.53 2.59 -23.10	55.54 2.48 -21.66	48.66 2.63 -12.49	40.46 2.99 0.00	49.26 3.27 0.00	45.76 3.86 0.00	43.50 4.19 0.00	46.80 4.36 -0.60	51.61 4.54 0.00	51.40 4.43 -0.68	69.96 6.20 -1.30	127.50 6.66 -60.10	223.66 15.80 -65.32	457.58 32.49 -122.77	534.15 49.12 -12.84	138.87 11.11 -15.63	150.68 11.54 -14.65	148.93 10.17 -23.50	95.05 5.00 -34.62	47.62 3.99 0.00	46.87 3.76 0.00
FRANKLIN_FALL_HYD 24054	33.20 -0.89 0.00	42.21 -0.95 0.00	37.17 -0.67 0.00	31.41 -0.43 0.00	30.94 -0.45 0.00	33.03 -0.50 0.00	36.80 -0.67 0.00	45.21 -0.78 0.00	41.27 -0.63 0.00	38.71 -0.60 0.00	41.13 -0.70 0.00	46.09 -0.99 0.00	44.99 -1.30 0.00	60.31 -2.15 0.00	58.41 -2.34 0.00	-84.57 -5.37 221.74	232.38 -8.54 61.42	460.81 -11.38 0.00	109.62 -2.51 0.00	122.00 -2.49 0.00	113.76 -1.50 0.00	54.50 -0.93 0.00	42.88 -0.74 0.00	42.44 -0.68 0.00
FREEPORT_EQUS_GT1 23764	49.27 2.84 -12.33	57.53 3.15 -11.21	53.53 2.71 -12.97	57.22 2.28 -23.10	55.23 2.18 -21.66	48.32 2.30 -12.49	40.09 2.62 0.00	48.71 2.73 0.00	45.27 3.38 0.00	43.05 3.73 0.00	46.18 3.74 -0.60	51.16 4.08 0.00	51.20 4.23 -0.68	69.69 5.70 -1.53	135.34 6.10 -68.49	228.87 14.73 -71.60	461.48 30.09 -129.05	532.36 45.40 -14.78	137.99 10.22 -15.63	149.79 10.65 -14.65	148.53 9.77 -23.50	94.73 4.69 -34.62	47.18 3.56 0.00	46.35 3.24 0.00
FREEPORT___CT2 23818	49.27 2.84 -12.33	57.53 3.15 -11.21	53.53 2.71 -12.97	57.22 2.28 -23.10	55.23 2.18 -21.66	48.32 2.30 -12.49	40.09 2.62 0.00	48.71 2.73 0.00	45.27 3.38 0.00	43.05 3.73 0.00	46.18 3.74 -0.60	51.16 4.08 0.00	51.20 4.23 -0.68	69.69 5.70 -1.53	135.34 6.10 -68.49	228.87 14.73 -71.60	461.48 30.09 -129.05	532.36 45.40 -14.78	137.99 10.22 -15.63	149.79 10.65 -14.65	148.53 9.77 -23.50	94.73 4.69 -34.62	47.18 3.56 0.00	46.35 3.24 0.00
FRESHKLS_33_KV_LOAD 356253	37.78 2.16 -1.52	44.65 2.10 0.61	39.79 1.95 0.00	33.54 1.70 0.00	32.99 1.59 0.00	35.23 1.70 0.00	39.39 1.92 0.00	42.87 2.11 5.22	43.03 2.51 1.38	41.97 3.02 0.36	44.83 3.05 0.06	47.30 3.48 3.26	49.05 3.50 0.74	67.54 5.07 0.00	66.05 5.30 0.00	151.65 11.92 2.81	324.81 23.60 1.11	508.36 36.17 0.00	120.30 8.28 0.12	132.16 7.94 0.28	233.48 7.67 -110.54	101.66 3.47 -42.76	48.83 3.11 -2.10	46.40 3.29 0.00
FULTON COGEN____ 23766	34.19 -0.06 -0.15	43.15 -0.30 -0.29	37.44 -0.40 0.00	31.42 -0.42 0.00	31.01 -0.39 0.00	33.16 -0.37 0.00	37.15 -0.31 0.00	48.85 -0.26 -3.13	42.47 -0.05 -0.62	39.34 -0.04 -0.07	41.96 0.00 -0.13	49.26 0.13 -2.05	48.89 0.26 -2.33	70.60 0.25 -7.88	67.37 0.10 -6.53	143.39 -0.02 -0.87	302.56 -0.03 -0.26	471.62 -0.57 0.00	112.30 0.16 0.00	125.31 0.79 -0.03	128.49 0.43 -12.79	60.29 0.14 -4.71	43.96 0.10 -0.24	43.95 0.00 -0.83
FULTON___LFGE 323630	37.89 3.79 0.00	47.87 4.70 0.00	41.80 3.96 0.00	35.08 3.24 0.00	34.65 3.25 0.00	37.02 3.49 0.00	41.21 3.74 0.00	50.15 4.16 0.00	44.24 2.34 0.00	42.00 2.69 0.00	44.08 2.24 0.00	49.29 2.22 0.00	48.81 2.52 0.00	65.55 3.09 0.00	62.48 1.74 0.00	149.15 6.60 0.00	321.28 18.95 0.00	513.74 41.55 0.00	127.69 15.55 0.00	145.77 21.27 0.00	134.68 19.41 0.00	64.53 9.10 0.00	50.30 6.68 0.00	49.27 6.16 0.00
G.F.CEMENT___DRP 24184	37.12 2.78 -0.24	46.48 3.31 0.00	40.78 2.93 0.00	34.35 2.51 0.00	33.95 2.54 0.00	36.24 2.70 0.00	40.38 2.91 0.00	49.58 3.59 0.00	45.02 3.12 0.00	42.33 3.02 0.00	44.89 2.96 -0.09	50.41 3.33 0.00	49.59 3.30 0.00	67.68 5.22 0.00	66.03 5.28 0.00	155.67 13.12 0.00	329.93 27.60 0.00	514.39 42.20 0.00	123.28 11.14 0.00	136.99 12.49 0.00	127.16 11.90 0.00	61.05 5.62 0.00	47.87 4.25 0.00	47.01 3.89 0.00
GARDENVILLE___LBMP 24039	36.08 1.98 0.00	44.49 1.33 0.00	38.37 0.53 0.00	31.68 -0.16 0.00	31.36 -0.04 0.00	33.64 0.11 0.00	37.88 0.41 0.00	47.34 1.35 0.00	44.51 2.61 0.00	41.67 2.36 0.00	44.83 2.99 0.00	51.16 4.08 0.00	50.66 4.37 0.00	67.31 4.85 0.00	64.05 3.31 0.00	147.63 5.08 0.00	312.30 9.97 0.00	480.27 8.08 0.00	113.90 1.77 0.00	128.92 4.42 0.00	118.04 2.77 0.00	57.55 2.12 0.00	45.98 2.36 0.00	45.43 2.32 0.00
GARDNVLA_35_KV_LD 355827	36.27 2.18 0.00	44.70 1.54 0.00	38.55 0.70 0.00	31.80 -0.04 0.00	31.49 0.08 0.00	33.77 0.24 0.00	38.04 0.57 0.00	47.53 1.54 0.00	44.74 2.84 0.00	41.93 2.62 0.00	45.12 3.29 0.00	51.51 4.44 0.00	51.03 4.74 0.00	67.84 5.37 0.00	64.59 3.84 0.00	148.90 6.35 0.00	314.96 12.63 0.00	483.96 11.77 0.00	114.80 2.66 0.00	129.92 5.42 0.00	118.98 3.71 0.00	57.97 2.54 0.00	46.27 2.64 0.00	45.70 2.59 0.00
GELCKHM___115KV_LOAD 80723	34.36 0.21 -0.06	43.26 -0.01 -0.10	37.69 -0.15 0.00	31.62 -0.22 0.00	31.21 -0.19 0.00	33.38 -0.15 0.00	37.41 -0.06 0.00	47.18 0.08 -1.12	42.38 0.26 -0.22	39.65 0.32 -0.02	42.32 0.43 -0.05	48.42 0.61 -0.73	47.89 0.76 -0.83	66.19 0.91 -2.82	63.78 0.70 -2.34	144.24 1.39 -0.31	305.45 3.03 -0.09	475.40 3.21 0.00	113.09 0.96 0.00	125.92 1.41 -0.01	120.76 0.92 -4.57	57.56 0.44 -1.68	44.07 0.36 -0.09	43.63 0.22 -0.30
GENERAL___MILLS 23808	36.17 2.08 0.00	44.60 1.44 0.00	38.47 0.62 0.00	31.74 -0.10 0.00	31.42 0.02 0.00	33.70 0.17 0.00	37.96 0.49 0.00	47.43 1.44 0.00	44.62 2.72 0.00	41.79 2.48 0.00	44.97 3.14 0.00	51.31 4.24 0.00	50.83 4.54 0.00	67.56 5.09 0.00	64.29 3.55 0.00	148.24 5.69 0.00	313.51 11.18 0.00	481.88 9.69 0.00	114.33 2.19 0.00	129.41 4.92 0.00	118.50 3.23 0.00	57.74 2.31 0.00	46.11 2.49 0.00	45.57 2.45 0.00
GE_PLASTICS___DRP 24183	35.27 0.93 -0.24	44.28 1.12 0.00	38.79 0.95 0.00	32.70 0.86 0.00	32.24 0.84 0.00	34.37 0.84 0.00	38.33 0.86 0.00	46.99 1.00 0.00	42.61 0.71 0.00	39.95 0.63 0.00	42.40 0.47 -0.09	47.40 0.32 0.00	46.50 0.21 0.00	63.06 0.60 0.00	61.50 0.76 0.00	144.61 2.06 0.00	305.85 3.52 0.00	478.36 6.17 0.00	113.80 1.66 0.00	126.16 1.67 0.00	116.86 1.60 0.00	56.09 0.66 0.00	44.27 0.65 0.00	43.96 0.85 0.00
GILBOA___1 23756	35.28 1.19 0.00	44.86 1.70 0.00	39.28 1.44 0.00	33.06 1.22 0.00	32.59 1.19 0.00	34.79 1.26 0.00	38.88 1.41 0.00	47.68 1.69 0.00	42.94 1.04 0.00	40.48 1.17 0.00	43.06 1.23 0.00	48.45 1.37 0.00	47.62 1.34 0.00	64.18 1.72 0.00	62.39 1.65 0.00	146.59 4.04 0.00	310.05 7.72 0.00	483.32 11.14 0.00	114.84 2.70 0.00	127.25 2.75 0.00	118.41 3.15 0.00	56.91 1.48 0.00	44.90 1.27 0.00	44.40 1.29 0.00
GILBOA___2 23757	35.28 1.19 0.00	44.86 1.70 0.00	39.28 1.44 0.00	33.06 1.22 0.00	32.59 1.19 0.00	34.79 1.26 0.00	38.88 1.41 0.00	47.68 1.69 0.00	42.94 1.04 0.00	40.48 1.17 0.00	43.06 1.23 0.00	48.45 1.37 0.00	47.62 1.34 0.00	64.18 1.72 0.00	62.39 1.65 0.00	146.59 4.04 0.00	310.05 7.72 0.00	483.32 11.14 0.00	114.84 2.70 0.00	127.25 2.75 0.00	118.41 3.15 0.00	56.91 1.48 0.00	44.90 1.27 0.00	44.40 1.29 0.00

GILBOA___3 23758	35.28 1.19 0.00	44.86 1.70 0.00	39.28 1.44 0.00	33.06 1.22 0.00	32.59 1.19 0.00	34.79 1.26 0.00	38.88 1.41 0.00	47.68 1.69 0.00	42.94 1.04 0.00	40.48 1.17 0.00	43.06 1.23 0.00	48.45 1.37 0.00	47.62 1.34 0.00	64.18 1.72 0.00	62.39 1.65 0.00	146.59 4.04 0.00	310.05 7.72 0.00	483.32 11.14 0.00	114.84 2.70 0.00	127.25 2.75 0.00	118.41 3.15 0.00	56.91 1.48 0.00	44.90 1.27 0.00	44.40 1.29 0.00
GILBOA___4 23759	35.28 1.19 0.00	44.86 1.70 0.00	39.28 1.44 0.00	33.06 1.22 0.00	32.59 1.19 0.00	34.79 1.26 0.00	38.88 1.41 0.00	47.68 1.69 0.00	42.94 1.04 0.00	40.48 1.17 0.00	43.06 1.23 0.00	48.45 1.37 0.00	47.62 1.34 0.00	64.18 1.72 0.00	62.39 1.65 0.00	146.59 4.04 0.00	310.05 7.72 0.00	483.32 11.14 0.00	114.84 2.70 0.00	127.25 2.75 0.00	118.41 3.15 0.00	56.91 1.48 0.00	44.90 1.27 0.00	44.40 1.29 0.00
GILBOA___ 23599	35.28 1.19 0.00	44.86 1.70 0.00	39.28 1.44 0.00	33.06 1.22 0.00	32.59 1.19 0.00	34.78 1.26 0.00	38.88 1.41 0.00	47.68 1.69 0.00	42.94 1.04 0.00	40.48 1.17 0.00	43.06 1.23 0.00	48.45 1.37 0.00	47.63 1.33 0.00	64.19 1.72 0.00	62.39 1.65 0.00	146.59 4.04 0.00	310.01 7.68 0.00	483.30 11.12 0.00	114.85 2.71 0.00	127.25 2.75 0.00	118.41 3.14 0.00	56.91 1.48 0.00	44.90 1.27 0.00	44.40 1.29 0.00
GINNA___ 23603	34.12 0.03 0.00	42.42 -0.75 0.00	36.78 -1.06 0.00	30.60 -1.25 0.00	30.21 -1.19 0.00	32.36 -1.17 0.00	36.34 -1.13 0.00	45.12 -0.87 0.00	41.85 -0.05 0.00	39.40 0.09 0.00	42.31 0.48 0.00	48.11 1.03 0.00	47.62 1.33 0.00	63.85 1.38 0.00	61.31 0.57 0.00	142.37 -0.18 0.00	301.48 -0.85 0.00	467.28 -4.90 0.00	111.25 -0.89 0.00	124.74 0.24 0.00	114.18 -1.08 0.00	55.26 -0.17 0.00	43.75 0.12 0.00	43.06 -0.05 0.00
GLEN PARK___ 23778	34.13 -0.04 -0.07	43.05 -0.25 -0.13	37.99 0.15 0.00	32.17 0.33 0.00	31.91 0.51 0.00	34.36 0.83 0.00	38.19 0.73 0.00	48.48 1.04 -1.45	43.49 1.30 -0.29	40.55 1.20 -0.03	43.07 1.17 -0.06	49.20 1.17 -0.95	48.70 1.33 -1.08	67.49 1.37 -3.66	65.10 1.33 -3.03	102.70 3.87 43.72	297.85 7.63 12.10	487.81 15.62 0.00	117.48 5.35 0.00	132.32 7.81 -0.02	129.33 8.11 -5.95	61.26 3.65 -2.19	46.21 2.48 -0.11	45.66 2.16 -0.39
GLENDALE_27_KV_LOAD 356172	38.03 2.41 -1.52	45.69 2.53 0.00	40.05 2.20 0.00	33.72 1.88 0.00	33.19 1.79 0.00	35.45 1.92 0.00	39.73 2.26 0.00	48.69 2.70 0.00	45.01 3.11 0.00	42.80 3.49 0.00	46.08 3.65 -0.60	51.15 4.07 0.00	50.27 3.98 0.00	68.02 5.56 0.00	66.45 5.71 0.00	155.93 13.38 0.00	328.74 26.41 0.00	512.18 40.00 0.00	120.95 9.22 0.41	125.16 9.19 8.53	96.31 8.45 27.41	40.63 3.79 18.59	46.13 3.21 0.70	46.59 3.48 0.00
GLENWOOD_IC_1_G5 23712	49.21 2.78 -12.33	57.47 3.09 -11.21	53.46 2.65 -12.97	57.18 2.24 -23.10	55.19 2.14 -21.66	48.28 2.26 -12.49	40.06 2.59 0.00	48.72 2.73 0.00	44.95 3.06 0.00	42.76 3.46 0.00	46.15 3.72 -0.60	51.21 4.13 0.00	51.23 4.25 -0.68	72.13 5.88 -3.79	225.17 6.27 -158.16	296.26 14.98 -138.74	533.13 30.55 -200.26	555.34 45.83 -37.32	138.00 10.23 -15.63	149.73 10.58 -14.65	148.40 9.64 -23.50	94.44 4.40 -34.62	46.93 3.31 0.00	46.20 3.08 0.00
GLENWOOD_IC_2_G1 23688	49.10 2.67 -12.33	57.32 2.95 -11.21	53.34 2.53 -12.97	57.09 2.14 -23.10	55.10 2.04 -21.66	48.18 2.16 -12.49	39.94 2.47 0.00	48.57 2.58 0.00	45.02 3.12 0.00	42.81 3.50 0.00	46.19 3.75 -0.60	51.20 4.12 0.00	51.22 4.25 -0.68	75.45 5.83 -7.15	358.13 6.18 -291.21	395.60 14.69 -238.36	638.25 30.14 -305.78	588.14 45.23 -70.72	137.98 10.21 -15.63	149.69 10.54 -14.65	148.40 9.64 -23.50	94.49 4.44 -34.62	47.00 3.37 0.00	46.28 3.17 0.00
GLENWOOD_IC_3_G1 23689	49.10 2.67 -12.33	57.32 2.95 -11.21	53.34 2.53 -12.97	57.09 2.14 -23.10	55.10 2.04 -21.66	48.18 2.16 -12.49	39.94 2.47 0.00	48.57 2.58 0.00	45.02 3.12 0.00	42.81 3.50 0.00	46.19 3.75 -0.60	51.20 4.12 0.00	51.22 4.25 -0.68	75.45 5.83 -7.15	358.13 6.18 -291.21	395.60 14.69 -238.36	638.25 30.14 -305.78	588.14 45.23 -70.72	137.98 10.21 -15.63	149.69 10.54 -14.65	148.40 9.64 -23.50	94.49 4.44 -34.62	47.00 3.37 0.00	46.28 3.17 0.00
GLENWOOD___4 23550	49.21 2.78 -12.33	57.47 3.09 -11.21	53.46 2.65 -12.97	57.18 2.24 -23.10	55.19 2.14 -21.66	48.28 2.26 -12.49	40.06 2.59 0.00	48.73 2.74 0.00	45.06 3.16 0.00	42.86 3.55 0.00	46.26 3.82 -0.60	51.31 4.23 0.00	51.36 4.39 -0.68	72.28 6.03 -3.79	225.30 6.40 -158.16	296.65 15.36 -138.74	533.92 31.34 -200.26	556.32 46.81 -37.32	138.27 10.51 -15.63	150.05 10.91 -14.65	148.69 9.93 -23.50	94.59 4.55 -34.62	47.05 3.43 0.00	46.30 3.19 0.00
GLENWOOD___5 23614	49.21 2.78 -12.33	57.47 3.09 -11.21	53.46 2.65 -12.97	57.18 2.24 -23.10	55.19 2.14 -21.66	48.28 2.26 -12.49	40.06 2.59 0.00	48.73 2.74 0.00	45.06 3.16 0.00	42.86 3.55 0.00	46.26 3.82 -0.60	51.31 4.23 0.00	51.36 4.39 -0.68	72.28 6.03 -3.79	225.30 6.40 -158.16	296.65 15.36 -138.74	533.92 31.34 -200.26	556.32 46.81 -37.32	138.27 10.51 -15.63	150.05 10.91 -14.65	148.69 9.93 -23.50	94.59 4.55 -34.62	47.05 3.43 0.00	46.30 3.19 0.00
GLOBAL GREEN_PORT_GT1 23814	49.85 3.42 -12.33	58.20 3.83 -11.21	54.29 3.48 -12.97	58.30 3.36 -23.10	56.52 3.47 -21.66	49.53 3.50 -12.49	41.55 4.08 0.00	49.40 3.41 0.00	46.42 4.52 0.00	43.19 3.87 0.00	46.92 4.49 -0.60	52.57 5.49 0.00	52.64 5.51 -0.85	70.30 7.47 -0.36	91.72 7.94 -23.05	211.06 18.16 -50.35	434.18 37.25 -94.60	531.89 54.78 -4.92	177.28 11.49 -53.66	224.38 11.66 -88.22	228.74 10.94 -102.54	107.60 5.03 -47.14	47.32 3.70 0.00	46.12 3.01 0.00
GLOBE___DSASP 323697	35.06 0.96 0.00	43.20 0.04 0.00	37.24 -0.60 0.00	30.71 -1.13 0.00	30.38 -1.02 0.00	32.56 -0.97 0.00	36.63 -0.84 0.00	45.77 -0.22 0.00	43.06 1.17 0.00	40.12 0.81 0.00	43.19 1.36 0.00	49.21 2.12 0.00	48.66 2.37 0.00	64.54 2.07 0.00	60.98 0.24 0.00	139.87 -2.67 0.01	294.71 -7.62 0.00	455.80 -16.38 0.00	107.90 -4.24 0.00	122.71 -1.79 0.00	111.82 -3.44 0.01	54.85 -0.58 0.00	44.35 0.73 0.00	44.09 0.97 0.00
GOETHSLN___LBMP 323567	36.43 1.94 -0.39	42.30 1.98 2.84	39.58 1.74 0.00	33.34 1.50 0.00	32.80 1.40 0.00	35.01 1.48 0.00	39.22 1.75 0.00	42.82 2.05 5.22	42.96 2.45 1.38	42.13 2.91 0.09	45.07 3.03 -0.21	47.18 3.36 3.25	48.90 3.35 0.74	67.30 4.83 0.00	65.76 5.02 0.00	151.37 11.70 2.88	323.96 22.75 1.12	507.11 34.92 0.00	120.46 8.33 0.00	132.85 8.35 0.00	122.61 7.34 0.00	58.72 3.29 0.00	46.39 2.77 0.00	46.08 2.96 0.00
GOLAH___69_KV_TB 1_2 80279	36.54 2.45 0.00	45.06 1.89 0.00	38.92 1.07 0.00	32.18 0.34 0.00	31.74 0.34 0.00	34.04 0.51 0.00	38.31 0.84 0.00	47.62 1.63 0.00	44.43 2.54 0.00	41.58 2.26 0.00	44.66 2.83 0.00	50.84 3.76 0.00	50.54 4.25 0.00	67.45 4.99 0.00	64.86 4.12 0.00	149.27 6.72 0.00	315.62 13.29 0.00	489.10 16.91 0.00	116.53 4.39 0.00	244.35 7.30 -112.56	217.44 5.48 -96.69	62.61 3.05 -4.13	46.56 2.94 0.00	45.81 2.69 0.00

GOODYEAR_LAKE_HYD 323669	35.81 1.71 0.00	45.15 1.99 0.00	39.46 1.61 0.00	33.15 1.31 0.00	32.71 1.31 0.00	35.00 1.46 0.00	39.26 1.79 0.00	48.28 2.29 0.00	43.97 2.07 0.00	41.58 2.27 0.00	44.37 2.53 0.00	50.04 2.96 0.00	49.39 3.10 0.00	66.44 3.97 0.00	64.45 3.71 0.00	150.86 8.31 0.00	320.63 18.31 0.00	499.87 27.68 0.00	118.96 6.82 0.00	132.20 7.71 0.00	122.31 7.05 0.00	58.75 3.33 0.00	46.20 2.58 0.00	45.54 2.43 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	35.16 1.03 -0.03	44.18 0.96 -0.06	38.46 0.62 0.00	32.20 0.36 0.00	31.82 0.42 0.00	34.07 0.53 0.00	38.24 0.77 0.00	47.76 1.12 -0.65	43.31 1.29 -0.13	40.70 1.37 -0.01	43.35 1.49 -0.03	49.42 1.92 -0.43	48.99 2.21 -0.48	66.77 2.67 -1.64	64.43 2.33 -1.36	147.96 5.23 -0.18	314.53 12.15 -0.05	485.47 13.28 0.00	115.42 3.29 0.00	128.23 3.73 -0.01	121.29 3.37 -2.66	58.03 1.63 -0.98	44.99 1.32 -0.05	44.52 1.23 -0.17
GOUDEY___7 23579	35.20 1.07 -0.03	44.22 1.00 -0.06	38.50 0.65 0.00	32.23 0.39 0.00	31.85 0.45 0.00	34.09 0.56 0.00	38.28 0.81 0.00	47.81 1.17 -0.65	43.36 1.33 -0.13	40.75 1.42 -0.01	43.41 1.55 -0.03	49.49 1.99 -0.43	49.07 2.30 -0.48	66.87 2.77 -1.64	64.53 2.43 -1.36	148.18 5.45 -0.18	315.08 12.70 -0.05	486.22 14.03 0.00	115.60 3.46 0.00	128.41 3.91 -0.01	121.47 3.55 -2.66	58.13 1.72 -0.98	45.05 1.38 -0.05	44.57 1.28 -0.17
GOUDEY___8 23580	35.16 1.03 -0.03	44.18 0.96 -0.06	38.46 0.62 0.00	32.20 0.36 0.00	31.82 0.42 0.00	34.07 0.53 0.00	38.24 0.77 0.00	47.76 1.12 -0.65	43.31 1.29 -0.13	40.70 1.37 -0.01	43.35 1.49 -0.03	49.42 1.92 -0.43	48.99 2.21 -0.48	66.77 2.67 -1.64	64.43 2.33 -1.36	147.96 5.23 -0.18	314.53 12.15 -0.05	485.47 13.28 0.00	115.42 3.29 0.00	128.23 3.73 -0.01	121.29 3.37 -2.66	58.03 1.63 -0.98	44.99 1.32 -0.05	44.52 1.23 -0.17
GOWANUS_GT1_1 24077	37.96 2.34 -1.52	45.56 2.40 0.00	39.98 2.14 0.00	33.66 1.82 0.00	33.11 1.72 0.00	35.37 1.84 0.00	39.60 2.13 0.00	48.47 2.48 0.00	44.77 2.87 0.00	42.60 3.28 0.00	45.85 3.42 -0.60	50.95 3.87 0.00	50.13 3.84 0.00	67.91 5.45 0.00	66.33 5.58 0.00	155.44 12.89 0.00	327.89 25.56 0.00	511.18 38.99 0.00	122.02 8.94 -0.95	152.92 8.80 -19.62	256.98 8.21 -133.51	101.83 3.64 -42.76	48.86 3.14 -2.10	46.49 3.38 0.00
GOWANUS_GT1_2 24078	37.96 2.34 -1.52	45.56 2.40 0.00	39.98 2.14 0.00	33.66 1.82 0.00	33.11 1.72 0.00	35.37 1.84 0.00	39.60 2.13 0.00	48.47 2.48 0.00	44.77 2.87 0.00	42.60 3.28 0.00	45.85 3.42 -0.60	50.95 3.87 0.00	50.13 3.84 0.00	67.91 5.45 0.00	66.33 5.58 0.00	155.44 12.89 0.00	327.89 25.56 0.00	511.18 38.99 0.00	122.02 8.94 -0.95	152.92 8.80 -19.62	256.98 8.21 -133.51	101.83 3.64 -42.76	48.86 3.14 -2.10	46.49 3.38 0.00
GOWANUS_GT1_3 24079	37.96 2.34 -1.52	45.56 2.40 0.00	39.98 2.14 0.00	33.66 1.82 0.00	33.11 1.72 0.00	35.37 1.84 0.00	39.60 2.13 0.00	48.47 2.48 0.00	44.77 2.87 0.00	42.60 3.28 0.00	45.85 3.42 -0.60	50.95 3.87 0.00	50.13 3.84 0.00	67.91 5.45 0.00	66.33 5.58 0.00	155.44 12.89 0.00	327.89 25.56 0.00	511.18 38.99 0.00	122.02 8.94 -0.95	152.92 8.80 -19.62	256.98 8.21 -133.51	101.83 3.64 -42.76	48.86 3.14 -2.10	46.49 3.38 0.00
GOWANUS_GT1_4 24080	37.96 2.34 -1.52	45.56 2.40 0.00	39.98 2.14 0.00	33.66 1.82 0.00	33.11 1.72 0.00	35.37 1.84 0.00	39.60 2.13 0.00	48.47 2.48 0.00	44.77 2.87 0.00	42.60 3.28 0.00	45.85 3.42 -0.60	50.95 3.87 0.00	50.13 3.84 0.00	67.91 5.45 0.00	66.33 5.58 0.00	155.44 12.89 0.00	327.89 25.56 0.00	511.18 38.99 0.00	122.02 8.94 -0.95	152.92 8.80 -19.62	256.98 8.21 -133.51	101.83 3.64 -42.76	48.86 3.14 -2.10	46.49 3.38 0.00
GOWANUS_GT1_5 24084	37.96 2.34 -1.52	45.56 2.40 0.00	39.98 2.14 0.00	33.66 1.82 0.00	33.11 1.72 0.00	35.37 1.84 0.00	39.60 2.13 0.00	48.47 2.48 0.00	44.77 2.87 0.00	42.60 3.28 0.00	45.85 3.42 -0.60	50.95 3.87 0.00	50.13 3.84 0.00	67.91 5.45 0.00	66.33 5.58 0.00	155.44 12.89 0.00	327.89 25.56 0.00	511.18 38.99 0.00	122.02 8.94 -0.95	152.92 8.80 -19.62	256.98 8.21 -133.51	101.83 3.64 -42.76	48.86 3.14 -2.10	46.49 3.38 0.00
GOWANUS_GT1_6 24111	37.96 2.34 -1.52	45.56 2.40 0.00	39.98 2.14 0.00	33.66 1.82 0.00	33.11 1.72 0.00	35.37 1.84 0.00	39.60 2.13 0.00	48.47 2.48 0.00	44.77 2.87 0.00	42.60 3.28 0.00	45.85 3.42 -0.60	50.95 3.87 0.00	50.13 3.84 0.00	67.91 5.45 0.00	66.33 5.58 0.00	155.44 12.89 0.00	327.89 25.56 0.00	511.18 38.99 0.00	122.02 8.94 -0.95	152.92 8.80 -19.62	256.98 8.21 -133.51	101.83 3.64 -42.76	48.86 3.14 -2.10	46.49 3.38 0.00
GOWANUS_GT1_7 24112	37.96 2.34 -1.52	45.56 2.40 0.00	39.98 2.14 0.00	33.66 1.82 0.00	33.11 1.72 0.00	35.37 1.84 0.00	39.60 2.13 0.00	48.47 2.48 0.00	44.77 2.87 0.00	42.60 3.28 0.00	45.85 3.42 -0.60	50.95 3.87 0.00	50.13 3.84 0.00	67.91 5.45 0.00	66.33 5.58 0.00	155.44 12.89 0.00	327.89 25.56 0.00	511.18 38.99 0.00	122.02 8.94 -0.95	152.92 8.80 -19.62	256.98 8.21 -133.51	101.83 3.64 -42.76	48.86 3.14 -2.10	46.49 3.38 0.00
GOWANUS_GT1_8 24113	37.96 2.34 -1.52	45.56 2.40 0.00	39.98 2.14 0.00	33.66 1.82 0.00	33.11 1.72 0.00	35.37 1.84 0.00	39.60 2.13 0.00	48.47 2.48 0.00	44.77 2.87 0.00	42.60 3.28 0.00	45.85 3.42 -0.60	50.95 3.87 0.00	50.13 3.84 0.00	67.91 5.45 0.00	66.33 5.58 0.00	155.44 12.89 0.00	327.89 25.56 0.00	511.18 38.99 0.00	122.02 8.94 -0.95	152.92 8.80 -19.62	256.98 8.21 -133.51	101.83 3.64 -42.76	48.86 3.14 -2.10	46.49 3.38 0.00
GOWANUS_GT2_1 24114	37.96 2.34 -1.52	45.56 2.40 0.00	39.98 2.14 0.00	33.66 1.82 0.00	33.12 1.72 0.00	35.37 1.84 0.00	39.60 2.13 0.00	48.47 2.48 0.00	44.77 2.88 0.00	42.60 3.29 0.00	45.85 3.42 -0.60	50.95 3.87 0.00	50.13 3.84 0.00	67.91 5.45 0.00	66.33 5.58 0.00	155.43 12.88 0.00	327.97 25.64 0.00	511.18 38.98 0.00	122.04 8.96 -0.95	152.92 8.80 -19.62	256.99 8.22 -133.51	101.83 3.64 -42.76	48.86 3.14 -2.10	46.49 3.38 0.00
GOWANUS_GT2_2 24115	37.96 2.34 -1.52	45.56 2.40 0.00	39.98 2.14 0.00	33.66 1.82 0.00	33.12 1.72 0.00	35.37 1.84 0.00	39.60 2.13 0.00	48.47 2.48 0.00	44.77 2.88 0.00	42.60 3.29 0.00	45.85 3.42 -0.60	50.95 3.87 0.00	50.13 3.84 0.00	67.91 5.45 0.00	66.33 5.58 0.00	155.43 12.88 0.00	327.97 25.64 0.00	511.18 38.98 0.00	122.04 8.96 -0.95	152.92 8.80 -19.62	256.99 8.22 -133.51	101.83 3.64 -42.76	48.86 3.14 -2.10	46.49 3.38 0.00
GOWANUS_GT2_3 24116	37.96 2.34 -1.52	45.56 2.40 0.00	39.98 2.14 0.00	33.66 1.82 0.00	33.12 1.72 0.00	35.37 1.84 0.00	39.60 2.13 0.00	48.47 2.48 0.00	44.77 2.88 0.00	42.60 3.29 0.00	45.85 3.42 -0.60	50.95 3.87 0.00	50.13 3.84 0.00	67.91 5.45 0.00	66.33 5.58 0.00	155.43 12.88 0.00	327.97 25.64 0.00	511.18 38.98 0.00	122.04 8.96 -0.95	152.92 8.80 -19.62	256.99 8.22 -133.51	101.83 3.64 -42.76	48.86 3.14 -2.10	46.49 3.38 0.00

GOWANUS_GT2_4 24117	37.96 2.34 -1.52	45.56 2.40 0.00	39.98 2.14 0.00	33.66 1.82 0.00	33.12 1.72 0.00	35.37 1.84 0.00	39.60 2.13 0.00	48.47 2.48 0.00	44.77 2.88 0.00	42.60 3.29 0.00	45.85 3.42 -0.60	50.95 3.87 0.00	50.13 3.84 0.00	67.91 5.45 0.00	66.33 5.58 0.00	155.43 12.88 0.00	327.97 25.64 0.00	511.18 38.98 0.00	122.04 8.96 -0.95	152.92 8.80 -19.62	256.99 8.22 -133.51	101.83 3.64 -42.76	48.86 3.14 -2.10	46.49 3.38 0.00
GOWANUS_GT2_5 24118	37.96 2.34 -1.52	45.56 2.40 0.00	39.98 2.14 0.00	33.66 1.82 0.00	33.12 1.72 0.00	35.37 1.84 0.00	39.60 2.13 0.00	48.47 2.48 0.00	44.77 2.88 0.00	42.60 3.29 0.00	45.85 3.42 -0.60	50.95 3.87 0.00	50.13 3.84 0.00	67.91 5.45 0.00	66.33 5.58 0.00	155.43 12.88 0.00	327.97 25.64 0.00	511.18 38.98 0.00	122.04 8.96 -0.95	152.92 8.80 -19.62	256.99 8.22 -133.51	101.83 3.64 -42.76	48.86 3.14 -2.10	46.49 3.38 0.00
GOWANUS_GT2_6 24119	37.96 2.34 -1.52	45.56 2.40 0.00	39.98 2.14 0.00	33.66 1.82 0.00	33.12 1.72 0.00	35.37 1.84 0.00	39.60 2.13 0.00	48.47 2.48 0.00	44.77 2.88 0.00	42.60 3.29 0.00	45.85 3.42 -0.60	50.95 3.87 0.00	50.13 3.84 0.00	67.91 5.45 0.00	66.33 5.58 0.00	155.43 12.88 0.00	327.97 25.64 0.00	511.18 38.98 0.00	122.04 8.96 -0.95	152.92 8.80 -19.62	256.99 8.22 -133.51	101.83 3.64 -42.76	48.86 3.14 -2.10	46.49 3.38 0.00
GOWANUS_GT2_7 24120	37.96 2.34 -1.52	45.56 2.40 0.00	39.98 2.14 0.00	33.66 1.82 0.00	33.12 1.72 0.00	35.37 1.84 0.00	39.60 2.13 0.00	48.47 2.48 0.00	44.77 2.88 0.00	42.60 3.29 0.00	45.85 3.42 -0.60	50.95 3.87 0.00	50.13 3.84 0.00	67.91 5.45 0.00	66.33 5.58 0.00	155.43 12.88 0.00	327.97 25.64 0.00	511.18 38.98 0.00	122.04 8.96 -0.95	152.92 8.80 -19.62	256.99 8.22 -133.51	101.83 3.64 -42.76	48.86 3.14 -2.10	46.49 3.38 0.00
GOWANUS_GT2_8 24121	37.96 2.34 -1.52	45.56 2.40 0.00	39.98 2.14 0.00	33.66 1.82 0.00	33.12 1.72 0.00	35.37 1.84 0.00	39.60 2.13 0.00	48.47 2.48 0.00	44.77 2.88 0.00	42.60 3.29 0.00	45.85 3.42 -0.60	50.95 3.87 0.00	50.13 3.84 0.00	67.91 5.45 0.00	66.33 5.58 0.00	155.43 12.88 0.00	327.97 25.64 0.00	511.18 38.98 0.00	122.04 8.96 -0.95	152.92 8.80 -19.62	256.99 8.22 -133.51	101.83 3.64 -42.76	48.86 3.14 -2.10	46.49 3.38 0.00
GOWANUS_GT3_1 24122	37.96 2.34 -1.52	45.56 2.40 0.00	39.98 2.14 0.00	33.66 1.82 0.00	33.12 1.72 0.00	35.37 1.84 0.00	39.60 2.13 0.00	48.47 2.48 0.00	44.77 2.88 0.00	42.60 3.29 0.00	45.85 3.42 -0.60	50.95 3.87 0.00	50.13 3.84 0.00	67.91 5.45 0.00	66.33 5.58 0.00	155.43 12.88 0.00	327.97 25.64 0.00	511.18 38.98 0.00	122.04 8.96 -0.95	152.92 8.80 -19.62	256.99 8.22 -133.51	101.83 3.64 -42.76	48.86 3.14 -2.10	46.49 3.38 0.00
GOWANUS_GT3_2 24123	37.96 2.34 -1.52	45.56 2.40 0.00	39.98 2.14 0.00	33.66 1.82 0.00	33.12 1.72 0.00	35.37 1.84 0.00	39.60 2.13 0.00	48.47 2.48 0.00	44.77 2.88 0.00	42.60 3.29 0.00	45.85 3.42 -0.60	50.95 3.87 0.00	50.13 3.84 0.00	67.91 5.45 0.00	66.33 5.58 0.00	155.43 12.88 0.00	327.97 25.64 0.00	511.18 38.98 0.00	122.04 8.96 -0.95	152.92 8.80 -19.62	256.99 8.22 -133.51	101.83 3.64 -42.76	48.86 3.14 -2.10	46.49 3.38 0.00
GOWANUS_GT3_3 24124	37.96 2.34 -1.52	45.56 2.40 0.00	39.98 2.14 0.00	33.66 1.82 0.00	33.12 1.72 0.00	35.37 1.84 0.00	39.60 2.13 0.00	48.47 2.48 0.00	44.77 2.88 0.00	42.60 3.29 0.00	45.85 3.42 -0.60	50.95 3.87 0.00	50.13 3.84 0.00	67.91 5.45 0.00	66.33 5.58 0.00	155.43 12.88 0.00	327.97 25.64 0.00	511.18 38.98 0.00	122.04 8.96 -0.95	152.92 8.80 -19.62	256.99 8.22 -133.51	101.83 3.64 -42.76	48.86 3.14 -2.10	46.49 3.38 0.00
GOWANUS_GT3_4 24125	37.96 2.34 -1.52	45.56 2.40 0.00	39.98 2.14 0.00	33.66 1.82 0.00	33.12 1.72 0.00	35.37 1.84 0.00	39.60 2.13 0.00	48.47 2.48 0.00	44.77 2.88 0.00	42.60 3.29 0.00	45.85 3.42 -0.60	50.95 3.87 0.00	50.13 3.84 0.00	67.91 5.45 0.00	66.33 5.58 0.00	155.43 12.88 0.00	327.97 25.64 0.00	511.18 38.98 0.00	122.04 8.96 -0.95	152.92 8.80 -19.62	256.99 8.22 -133.51	101.83 3.64 -42.76	48.86 3.14 -2.10	46.49 3.38 0.00
GOWANUS_GT3_5 24126	37.96 2.34 -1.52	45.56 2.40 0.00	39.98 2.14 0.00	33.66 1.82 0.00	33.12 1.72 0.00	35.37 1.84 0.00	39.60 2.13 0.00	48.47 2.48 0.00	44.77 2.88 0.00	42.60 3.29 0.00	45.85 3.42 -0.60	50.95 3.87 0.00	50.13 3.84 0.00	67.91 5.45 0.00	66.33 5.58 0.00	155.43 12.88 0.00	327.97 25.64 0.00	511.18 38.98 0.00	122.04 8.96 -0.95	152.92 8.80 -19.62	256.99 8.22 -133.51	101.83 3.64 -42.76	48.86 3.14 -2.10	46.49 3.38 0.00
GOWANUS_GT3_6 24127	37.96 2.34 -1.52	45.56 2.40 0.00	39.98 2.14 0.00	33.66 1.82 0.00	33.12 1.72 0.00	35.37 1.84 0.00	39.60 2.13 0.00	48.47 2.48 0.00	44.77 2.88 0.00	42.60 3.29 0.00	45.85 3.42 -0.60	50.95 3.87 0.00	50.13 3.84 0.00	67.91 5.45 0.00	66.33 5.58 0.00	155.43 12.88 0.00	327.97 25.64 0.00	511.18 38.98 0.00	122.04 8.96 -0.95	152.92 8.80 -19.62	256.99 8.22 -133.51	101.83 3.64 -42.76	48.86 3.14 -2.10	46.49 3.38 0.00
GOWANUS_GT3_7 24128	37.96 2.34 -1.52	45.56 2.40 0.00	39.98 2.14 0.00	33.66 1.82 0.00	33.12 1.72 0.00	35.37 1.84 0.00	39.60 2.13 0.00	48.47 2.48 0.00	44.77 2.88 0.00	42.60 3.29 0.00	45.85 3.42 -0.60	50.95 3.87 0.00	50.13 3.84 0.00	67.91 5.45 0.00	66.33 5.58 0.00	155.43 12.88 0.00	327.97 25.64 0.00	511.18 38.98 0.00	122.04 8.96 -0.95	152.92 8.80 -19.62	256.99 8.22 -133.51	101.83 3.64 -42.76	48.86 3.14 -2.10	46.49 3.38 0.00
GOWANUS_GT3_8 24129	37.96 2.34 -1.52	45.56 2.40 0.00	39.98 2.14 0.00	33.66 1.82 0.00	33.12 1.72 0.00	35.37 1.84 0.00	39.60 2.13 0.00	48.47 2.48 0.00	44.77 2.88 0.00	42.60 3.29 0.00	45.85 3.42 -0.60	50.95 3.87 0.00	50.13 3.84 0.00	67.91 5.45 0.00	66.33 5.58 0.00	155.43 12.88 0.00	327.97 25.64 0.00	511.18 38.98 0.00	122.04 8.96 -0.95	152.92 8.80 -19.62	256.99 8.22 -133.51	101.83 3.64 -42.76	48.86 3.14 -2.10	46.49 3.38 0.00
GOWANUS_GT4_1 24130	37.96 2.34 -1.52	45.56 2.40 0.00	39.98 2.14 0.00	33.66 1.82 0.00	33.11 1.72 0.00	35.37 1.84 0.00	39.60 2.13 0.00	48.47 2.48 0.00	44.77 2.87 0.00	42.60 3.28 0.00	45.85 3.42 -0.60	50.95 3.87 0.00	50.13 3.84 0.00	67.91 5.45 0.00	66.33 5.58 0.00	155.44 12.89 0.00	327.89 25.56 0.00	511.18 38.99 0.00	122.02 8.94 -0.95	152.92 8.80 -19.62	256.98 8.21 -133.51	101.83 3.64 -42.76	48.86 3.14 -2.10	46.49 3.38 0.00
GOWANUS_GT4_2 24131	37.96 2.34 -1.52	45.56 2.40 0.00	39.98 2.14 0.00	33.66 1.82 0.00	33.11 1.72 0.00	35.37 1.84 0.00	39.60 2.13 0.00	48.47 2.48 0.00	44.77 2.87 0.00	42.60 3.28 0.00	45.85 3.42 -0.60	50.95 3.87 0.00	50.13 3.84 0.00	67.91 5.45 0.00	66.33 5.58 0.00	155.44 12.89 0.00	327.89 25.56 0.00	511.18 38.99 0.00	122.02 8.94 -0.95	152.92 8.80 -19.62	256.98 8.21 -133.51	101.83 3.64 -42.76	48.86 3.14 -2.10	46.49 3.38 0.00

GOWANUS_GT4_3 24132	37.96 2.34 -1.52	45.56 2.40 0.00	39.98 2.14 0.00	33.66 1.82 0.00	33.11 1.72 0.00	35.37 1.84 0.00	39.60 2.13 0.00	48.47 2.48 0.00	44.77 2.87 0.00	42.60 3.28 0.00	45.85 3.42 -0.60	50.95 3.87 0.00	50.13 3.84 0.00	67.91 5.45 0.00	66.33 5.58 0.00	155.44 12.89 0.00	327.89 25.56 0.00	511.18 38.99 0.00	122.02 8.94 -0.95	152.92 8.80 -19.62	256.98 8.21 -133.51	101.83 3.64 -42.76	48.86 3.14 -2.10	46.49 3.38 0.00
GOWANUS_GT4_4 24133	37.96 2.34 -1.52	45.56 2.40 0.00	39.98 2.14 0.00	33.66 1.82 0.00	33.11 1.72 0.00	35.37 1.84 0.00	39.60 2.13 0.00	48.47 2.48 0.00	44.77 2.87 0.00	42.60 3.28 0.00	45.85 3.42 -0.60	50.95 3.87 0.00	50.13 3.84 0.00	67.91 5.45 0.00	66.33 5.58 0.00	155.44 12.89 0.00	327.89 25.56 0.00	511.18 38.99 0.00	122.02 8.94 -0.95	152.92 8.80 -19.62	256.98 8.21 -133.51	101.83 3.64 -42.76	48.86 3.14 -2.10	46.49 3.38 0.00
GOWANUS_GT4_5 24134	37.96 2.34 -1.52	45.56 2.40 0.00	39.98 2.14 0.00	33.66 1.82 0.00	33.11 1.72 0.00	35.37 1.84 0.00	39.60 2.13 0.00	48.47 2.48 0.00	44.77 2.87 0.00	42.60 3.28 0.00	45.85 3.42 -0.60	50.95 3.87 0.00	50.13 3.84 0.00	67.91 5.45 0.00	66.33 5.58 0.00	155.44 12.89 0.00	327.89 25.56 0.00	511.18 38.99 0.00	122.02 8.94 -0.95	152.92 8.80 -19.62	256.98 8.21 -133.51	101.83 3.64 -42.76	48.86 3.14 -2.10	46.49 3.38 0.00
GOWANUS_GT4_6 24135	37.96 2.34 -1.52	45.56 2.40 0.00	39.98 2.14 0.00	33.66 1.82 0.00	33.11 1.72 0.00	35.37 1.84 0.00	39.60 2.13 0.00	48.47 2.48 0.00	44.77 2.87 0.00	42.60 3.28 0.00	45.85 3.42 -0.60	50.95 3.87 0.00	50.13 3.84 0.00	67.91 5.45 0.00	66.33 5.58 0.00	155.44 12.89 0.00	327.89 25.56 0.00	511.18 38.99 0.00	122.02 8.94 -0.95	152.92 8.80 -19.62	256.98 8.21 -133.51	101.83 3.64 -42.76	48.86 3.14 -2.10	46.49 3.38 0.00
GOWANUS_GT4_7 24136	37.96 2.34 -1.52	45.56 2.40 0.00	39.98 2.14 0.00	33.66 1.82 0.00	33.11 1.72 0.00	35.37 1.84 0.00	39.60 2.13 0.00	48.47 2.48 0.00	44.77 2.87 0.00	42.60 3.28 0.00	45.85 3.42 -0.60	50.95 3.87 0.00	50.13 3.84 0.00	67.91 5.45 0.00	66.33 5.58 0.00	155.44 12.89 0.00	327.89 25.56 0.00	511.18 38.99 0.00	122.02 8.94 -0.95	152.92 8.80 -19.62	256.98 8.21 -133.51	101.83 3.64 -42.76	48.86 3.14 -2.10	46.49 3.38 0.00
GOWANUS_GT4_8 24137	37.96 2.34 -1.52	45.56 2.40 0.00	39.98 2.14 0.00	33.66 1.82 0.00	33.11 1.72 0.00	35.37 1.84 0.00	39.60 2.13 0.00	48.47 2.48 0.00	44.77 2.87 0.00	42.60 3.28 0.00	45.85 3.42 -0.60	50.95 3.87 0.00	50.13 3.84 0.00	67.91 5.45 0.00	66.33 5.58 0.00	155.44 12.89 0.00	327.89 25.56 0.00	511.18 38.99 0.00	122.02 8.94 -0.95	152.92 8.80 -19.62	256.98 8.21 -133.51	101.83 3.64 -42.76	48.86 3.14 -2.10	46.49 3.38 0.00
GREENBSH_115KV_TB3 55895	35.20 0.85 -0.25	44.16 1.00 0.00	38.69 0.84 0.00	32.64 0.80 0.00	32.17 0.77 0.00	34.29 0.76 0.00	38.20 0.73 0.00	46.81 0.82 0.00	42.53 0.63 0.00	39.95 0.63 0.00	42.49 0.56 -0.10	47.59 0.51 0.00	46.72 0.43 0.00	63.44 0.98 0.00	61.91 1.17 0.00	145.61 3.06 0.00	307.82 5.49 0.00	481.62 9.43 0.00	114.58 2.45 0.00	126.93 2.43 0.00	117.56 2.30 0.00	56.42 0.99 0.00	44.49 0.87 0.00	44.06 0.94 0.00
GREENDGE_115KV_TB5 80291	35.65 1.52 -0.03	44.31 1.10 -0.05	38.46 0.62 0.00	32.21 0.37 0.00	31.81 0.41 0.00	34.14 0.61 0.00	38.31 0.84 0.00	48.06 1.54 -0.53	44.02 2.02 -0.10	41.27 1.95 -0.01	44.13 2.28 -0.02	50.42 2.99 -0.35	50.05 3.36 -0.40	67.80 4.00 -1.34	64.83 2.97 -1.11	148.74 6.05 -0.15	316.29 13.92 -0.04	488.99 16.80 0.00	117.32 5.19 0.00	131.05 6.55 0.00	122.19 4.75 -2.17	59.02 2.79 -0.80	45.88 2.21 -0.04	45.22 1.97 -0.14
GREENIDGE___3 23582	35.65 1.52 -0.03	44.31 1.10 -0.05	38.46 0.62 0.00	32.21 0.37 0.00	31.81 0.41 0.00	34.14 0.61 0.00	38.31 0.84 0.00	48.06 1.54 -0.53	44.02 2.02 -0.10	41.27 1.95 -0.01	44.13 2.28 -0.02	50.42 2.99 -0.35	50.05 3.36 -0.40	67.80 4.00 -1.34	64.83 2.97 -1.11	148.74 6.05 -0.15	316.29 13.92 -0.04	488.99 16.80 0.00	117.32 5.19 0.00	131.05 6.55 0.00	122.19 4.75 -2.17	59.02 2.79 -0.80	45.88 2.21 -0.04	45.22 1.97 -0.14
GREENIDGE___4 23583	35.64 1.52 -0.03	44.32 1.10 -0.05	38.46 0.62 0.00	32.21 0.37 0.00	31.81 0.41 0.00	34.14 0.61 0.00	38.31 0.84 0.00	48.06 1.54 -0.53	44.02 2.02 -0.10	41.27 1.95 -0.01	44.13 2.28 -0.02	50.42 2.99 -0.35	50.05 3.36 -0.40	67.80 4.00 -1.34	64.83 2.97 -1.11	148.69 6.00 -0.15	316.11 13.74 -0.04	488.75 16.56 0.00	117.31 5.18 0.00	131.05 6.55 0.00	122.18 4.75 -2.17	59.01 2.78 -0.80	45.88 2.21 -0.04	45.22 1.97 -0.14
GREENLWN_69_KV_BK 3 55738	48.81 2.39 -12.33	57.09 2.72 -11.21	53.20 2.38 -12.97	56.96 2.02 -23.10	55.01 1.95 -21.66	48.06 2.04 -12.49	39.78 2.31 0.00	48.10 2.12 0.00	44.75 2.86 0.00	42.53 3.22 0.00	45.92 3.48 -0.60	50.65 3.57 0.00	50.57 3.67 -0.61	67.87 4.94 -0.46	92.96 5.43 -26.79	182.35 13.37 -26.44	423.51 26.88 -94.30	514.91 40.13 -2.60	95.18 8.89 25.85	82.33 9.26 51.43	78.32 8.41 45.35	88.05 3.77 -28.85	46.38 2.75 0.00	45.58 2.47 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	37.96 2.34 -1.52	45.56 2.40 0.00	39.98 2.14 0.00	33.66 1.82 0.00	33.11 1.72 0.00	35.37 1.84 0.00	39.60 2.13 0.00	48.47 2.48 0.00	44.77 2.87 0.00	42.60 3.28 0.00	45.85 3.42 -0.60	50.95 3.87 0.00	50.13 3.84 0.00	67.91 5.45 0.00	66.33 5.58 0.00	155.44 12.89 0.00	327.89 25.56 0.00	511.18 38.99 0.00	122.02 8.94 -0.95	152.92 8.80 -19.62	256.98 8.21 -133.51	101.83 3.64 -42.76	48.86 3.14 -2.10	46.49 3.38 0.00
GRISSOM___SOLAR 323813	37.89 3.79 0.00	47.87 4.70 0.00	41.80 3.96 0.00	35.08 3.24 0.00	34.65 3.25 0.00	37.02 3.49 0.00	41.21 3.74 0.00	50.15 4.16 0.00	44.24 2.34 0.00	42.00 2.69 0.00	44.08 2.24 0.00	49.29 2.22 0.00	48.81 2.52 0.00	65.55 3.09 0.00	62.48 1.74 0.00	149.15 6.60 0.00	321.28 18.95 0.00	513.74 41.55 0.00	127.69 15.55 0.00	145.77 21.27 0.00	134.68 19.41 0.00	64.53 9.10 0.00	50.30 6.68 0.00	49.27 6.16 0.00
GROVEVILLE___HYD 323602	36.37 2.27 0.00	45.66 2.50 0.00	39.96 2.12 0.00	33.62 1.78 0.00	33.10 1.70 0.00	35.34 1.81 0.00	39.58 2.11 0.00	48.58 2.60 0.00	44.66 2.77 0.00	42.37 3.05 0.00	45.17 3.34 0.00	50.91 3.83 0.00	50.15 3.86 0.00	67.96 5.49 0.00	66.47 5.73 0.00	156.32 13.77 0.00	330.89 28.56 0.00	515.92 43.73 0.00	122.37 10.23 0.00	135.11 10.61 0.00	124.62 9.36 0.00	59.68 4.25 0.00	46.93 3.31 0.00	46.38 3.27 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	34.67 0.49 -0.08	43.65 0.32 -0.16	37.98 0.14 0.00	31.86 0.03 0.00	31.45 0.05 0.00	33.65 0.12 0.00	37.72 0.25 0.00	48.17 0.46 -1.72	42.81 0.57 -0.34	39.93 0.58 -0.04	42.59 0.69 -0.07	49.06 0.85 -1.13	48.56 0.98 -1.28	67.98 1.17 -4.34	65.30 0.96 -3.60	145.02 1.99 -0.48	307.04 4.57 -0.14	477.76 5.57 0.00	113.73 1.59 0.00	126.67 2.15 -0.02	123.89 1.58 -7.05	58.77 0.75 -2.60	44.35 0.59 -0.13	44.00 0.43 -0.46

HAMLTNNY_34_KV_TB 80303	34.85 0.67 -0.09	43.80 0.47 -0.16	38.09 0.24 0.00	31.94 0.10 0.00	31.54 0.14 0.00	33.73 0.20 0.00	37.83 0.36 0.00	48.41 0.65 -1.77	43.01 0.76 -0.35	40.14 0.79 -0.04	42.89 0.98 -0.07	49.50 1.26 -1.16	49.08 1.47 -1.32	68.71 1.79 -4.46	65.91 1.48 -3.69	146.25 3.21 -0.49	309.50 7.02 -0.15	481.38 9.19 0.00	114.62 2.48 0.00	127.62 3.11 -0.02	125.00 2.49 -7.24	59.33 1.24 -2.67	44.77 1.01 -0.14	44.41 0.83 -0.47
HAMPSHIRE___PAPER_HYD 323593	33.28 -0.84 -0.03	42.10 -1.12 -0.05	37.11 -0.73 0.00	31.41 -0.43 0.00	31.05 -0.35 0.00	33.20 -0.33 0.00	37.01 -0.46 0.00	46.11 -0.46 -0.58	41.76 -0.25 -0.11	38.95 -0.37 -0.01	41.49 -0.37 -0.02	46.89 -0.57 -0.38	46.17 -0.55 -0.43	63.07 -0.85 -1.46	61.11 -0.84 -1.21	16.48 -1.14 124.93	265.08 -2.65 34.60	470.87 -1.32 0.00	112.35 0.22 0.00	125.63 1.11 -0.02	119.68 2.04 -2.37	57.02 0.72 -0.87	44.03 0.36 -0.04	43.67 0.40 -0.15
HARDSCRABBLE_WT_PWR 323673	35.08 0.99 0.00	44.09 0.93 0.00	38.43 0.59 0.00	32.43 0.60 0.00	32.08 0.68 0.00	34.29 0.76 0.00	38.31 0.84 0.00	46.77 0.78 0.00	42.51 0.62 0.00	39.84 0.53 0.00	42.35 0.51 0.00	47.66 0.58 0.00	46.94 0.66 0.00	63.04 0.58 0.00	61.44 0.69 0.00	157.36 2.66 -12.16	311.10 5.41 -3.37	481.32 9.13 0.00	115.65 3.51 0.00	128.67 4.17 0.00	119.63 4.36 0.00	57.39 1.96 0.00	45.10 1.47 0.00	44.44 1.32 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	34.33 1.93 1.69	45.19 2.03 0.00	39.56 1.72 0.00	33.30 1.46 0.00	32.77 1.37 0.00	34.96 1.43 0.00	39.17 1.70 0.00	48.02 2.03 0.00	44.19 2.30 0.00	41.95 2.64 0.00	44.05 2.88 0.66	50.41 3.33 0.00	49.68 3.39 0.00	67.40 4.94 0.00	65.89 5.15 0.00	154.73 12.18 0.00	327.44 25.11 0.00	511.00 38.82 0.00	121.17 9.03 0.00	133.67 9.17 0.00	123.31 8.04 0.00	59.04 3.61 0.00	46.42 2.80 0.00	45.97 2.86 0.00
HARSNRAD_115KV_TB1 81005	35.51 1.41 0.00	43.71 0.55 0.00	37.67 -0.17 0.00	31.07 -0.77 0.00	30.74 -0.66 0.00	32.96 -0.57 0.00	37.11 -0.36 0.00	46.39 0.40 0.00	43.66 1.77 0.00	40.74 1.42 0.00	43.88 2.04 0.00	50.05 2.97 0.00	49.50 3.21 0.00	65.73 3.27 0.00	62.39 1.64 0.00	143.55 1.01 0.01	302.68 0.35 0.00	467.40 -4.78 0.00	110.87 -1.25 0.01	125.92 1.42 0.00	114.98 -0.29 0.00	56.25 0.82 0.00	45.16 1.54 0.00	44.67 1.56 0.00
HARZA MOOSE___RIVER 24016	34.38 0.26 -0.02	43.37 0.16 -0.05	38.21 0.36 0.00	32.32 0.48 0.00	32.00 0.60 0.00	34.30 0.77 0.00	38.24 0.77 0.00	47.54 1.07 -0.49	43.16 1.17 -0.10	40.46 1.13 -0.01	43.05 1.19 -0.02	48.68 1.28 -0.32	47.99 1.34 -0.36	65.41 1.72 -1.23	63.42 1.66 -1.02	121.23 4.34 25.65	304.56 9.33 7.10	488.29 16.11 0.00	116.81 4.67 0.00	130.32 5.81 -0.01	123.11 5.85 -2.00	58.83 2.67 -0.73	45.55 1.89 -0.04	44.93 1.68 -0.13
HDSNBRDG_115KV_BRDG_TB1 355580	34.42 0.28 -0.05	43.32 0.07 -0.09	37.75 -0.10 0.00	31.65 -0.19 0.00	31.24 -0.16 0.00	33.42 -0.11 0.00	37.46 -0.01 0.00	47.06 0.14 -0.93	42.44 0.36 -0.19	39.78 0.44 -0.02	42.46 0.58 -0.04	48.53 0.84 -0.61	48.00 1.01 -0.69	66.08 1.72 -2.34	63.71 1.03 -1.94	144.77 1.96 -0.26	306.74 4.34 -0.08	477.20 5.01 0.00	113.49 1.36 0.00	126.37 1.86 -0.01	120.38 1.32 -3.80	57.45 0.62 -1.40	44.18 0.48 -0.07	43.71 0.36 -0.25
HELLGATE_13_KV_LD 55870	37.79 2.17 -1.52	45.39 2.23 0.00	39.81 1.97 0.00	33.53 1.69 0.00	33.01 1.61 0.00	35.25 1.72 0.00	39.48 2.01 0.00	48.36 2.37 0.00	44.68 2.79 0.00	42.47 3.16 0.00	45.70 3.27 -0.60	50.72 3.64 0.00	49.84 3.55 0.00	67.47 5.01 0.00	65.93 5.19 0.00	154.60 12.05 0.00	325.98 23.65 0.00	508.02 35.83 0.00	120.16 8.29 0.27	127.08 8.14 5.55	104.91 7.48 17.84	46.64 3.31 12.10	46.04 2.86 0.46	46.27 3.16 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	37.79 2.17 -1.52	45.39 2.23 0.00	39.81 1.97 0.00	33.53 1.69 0.00	33.01 1.61 0.00	35.25 1.72 0.00	39.48 2.01 0.00	48.36 2.37 0.00	44.68 2.79 0.00	42.47 3.16 0.00	45.70 3.27 -0.60	50.72 3.64 0.00	49.84 3.55 0.00	67.47 5.01 0.00	65.93 5.19 0.00	154.60 12.05 0.00	325.98 23.65 0.00	508.02 35.83 0.00	120.16 8.29 0.27	127.08 8.14 5.55	104.91 7.48 17.84	46.64 3.31 12.10	46.04 2.86 0.46	46.27 3.16 0.00
HEMPSTEAD____ 23647	48.98 2.55 -12.33	57.18 2.81 -11.21	53.23 2.42 -12.97	56.99 2.05 -23.10	55.01 1.95 -21.66	48.08 2.06 -12.49	39.83 2.37 0.00	48.41 2.43 0.00	44.91 3.02 0.00	42.72 3.41 0.00	46.02 3.59 -0.60	50.99 3.91 0.00	51.01 4.04 -0.68	70.25 5.50 -2.28	165.11 5.91 -98.46	250.79 14.21 -94.04	484.09 28.87 -152.89	537.82 43.30 -22.33	137.44 9.67 -15.63	149.19 10.04 -14.65	147.96 9.19 -23.50	94.28 4.23 -34.62	46.82 3.20 0.00	46.05 2.94 0.00
HEWLETT_69_KV_BK3 55828	49.41 2.99 -12.33	57.68 3.31 -11.21	53.66 2.85 -12.97	57.34 2.39 -23.10	55.35 2.29 -21.66	48.45 2.43 -12.49	40.22 2.75 0.00	48.94 2.95 0.00	45.43 3.53 0.00	43.20 3.88 0.00	46.53 4.09 -0.60	51.45 4.37 0.00	51.32 4.34 -0.68	69.78 6.02 -1.30	127.26 6.42 -60.10	223.20 15.34 -65.32	456.38 31.29 -122.77	532.26 47.23 -12.84	138.46 10.69 -15.63	150.30 11.15 -14.65	148.75 9.99 -23.50	94.83 4.79 -34.62	47.40 3.78 0.00	46.69 3.58 0.00
HICKLING___1 23621	35.43 1.31 -0.03	44.28 1.06 -0.05	38.41 0.57 0.00	32.02 0.18 0.00	31.74 0.34 0.00	34.10 0.57 0.00	38.39 0.93 0.00	48.08 1.55 -0.54	43.99 1.98 -0.11	41.39 2.06 -0.01	44.16 2.30 -0.02	50.51 3.08 -0.35	50.34 3.64 -0.40	68.06 4.24 -1.36	65.39 3.52 -1.12	150.54 7.84 -0.15	321.03 18.66 -0.04	490.47 18.28 0.00	116.68 4.54 0.00	129.85 5.35 0.00	122.10 4.63 -2.20	58.61 2.37 -0.81	45.52 1.86 -0.04	45.02 1.77 -0.14
HICKLING___2 23622	35.43 1.31 -0.03	44.28 1.06 -0.05	38.41 0.57 0.00	32.02 0.18 0.00	31.74 0.34 0.00	34.10 0.57 0.00	38.39 0.93 0.00	48.08 1.55 -0.54	43.99 1.98 -0.11	41.39 2.06 -0.01	44.16 2.30 -0.02	50.51 3.08 -0.35	50.34 3.64 -0.40	68.06 4.24 -1.36	65.39 3.52 -1.12	150.54 7.84 -0.15	321.03 18.66 -0.04	490.47 18.28 0.00	116.68 4.54 0.00	129.85 5.35 0.00	122.10 4.63 -2.20	58.61 2.37 -0.81	45.52 1.86 -0.04	45.02 1.77 -0.14
HIGH FALLS___HY 23754	36.13 2.03 0.00	45.31 2.15 0.00	39.63 1.78 0.00	33.33 1.49 0.00	32.78 1.38 0.00	35.01 1.48 0.00	39.27 1.80 0.00	48.20 2.21 0.00	44.39 2.49 0.00	42.23 2.91 0.00	44.96 3.13 0.00	50.78 3.70 0.00	50.07 3.78 0.00	67.63 5.17 0.00	66.18 5.43 0.00	155.41 12.87 0.00	329.54 27.21 0.00	514.07 41.88 0.00	122.07 9.93 0.00	134.75 10.25 0.00	124.07 8.80 0.00	59.70 4.26 0.00	46.83 3.20 0.00	46.16 3.05 0.00
HIGH_RIVER___SOLAR 323847	35.61 1.52 0.00	44.97 1.80 0.00	39.38 1.53 0.00	33.14 1.30 0.00	32.68 1.28 0.00	34.90 1.37 0.00	38.98 1.51 0.00	47.70 1.71 0.00	43.10 1.21 0.00	39.99 0.67 0.00	41.98 0.06 -0.09	46.86 -0.22 0.00	46.07 -0.22 0.00	63.72 1.26 0.00	62.22 1.48 0.00	146.27 3.73 0.00	311.51 9.18 0.00	489.91 17.72 0.00	117.78 5.64 0.00	131.80 7.30 0.00	122.18 6.92 0.00	58.67 3.24 0.00	46.13 2.51 0.00	45.46 2.35 0.00

HILLBURN___GT 23639	33.87 1.75 1.97	44.95 1.79 0.00	39.38 1.53 0.00	33.16 1.33 0.00	32.63 1.23 0.00	34.79 1.26 0.00	38.97 1.51 0.00	47.74 1.75 0.00	43.98 2.09 0.00	41.77 2.45 0.00	43.70 2.64 0.77	50.11 3.03 0.00	49.36 3.07 0.00	66.95 4.48 0.00	65.43 4.69 0.00	153.41 10.86 0.00	324.28 21.95 0.00	505.97 33.78 0.00	119.90 7.77 0.00	132.30 7.80 0.00	122.05 6.78 0.00	58.48 3.06 0.00	46.04 2.42 0.00	45.68 2.57 0.00
HILLSIDE_115KV_TB1 80332	34.90 0.77 -0.03	43.68 0.46 -0.05	37.93 0.09 0.00	31.66 -0.18 0.00	31.35 -0.05 0.00	33.64 0.10 0.00	37.86 0.39 0.00	47.34 0.79 -0.56	43.20 1.19 -0.11	40.68 1.35 -0.01	43.33 1.48 -0.02	49.50 2.06 -0.37	49.29 2.59 -0.42	66.70 2.83 -1.40	64.18 2.28 -1.16	147.87 5.17 -0.15	315.67 9.18 -0.05	481.37 19.18 0.00	114.42 2.28 0.00	126.98 2.47 0.00	119.85 2.30 -2.28	57.46 1.19 -0.84	44.60 0.94 -0.04	44.13 0.86 -0.15
HISHELDN_WT_PWR 323625	35.64 1.54 0.00	44.07 0.91 0.00	38.07 0.23 0.00	31.51 -0.33 0.00	31.22 -0.18 0.00	33.53 0.00 0.00	37.75 0.28 0.00	47.13 1.14 0.00	44.19 2.29 0.00	41.41 2.09 0.00	44.46 2.62 0.00	50.69 3.61 0.00	50.25 3.96 0.00	66.80 4.33 0.00	63.63 2.89 0.00	147.04 4.49 0.00	311.29 8.97 0.00	478.69 6.51 0.00	113.73 1.59 0.00	128.30 3.80 0.00	117.57 2.30 0.00	57.28 1.85 0.00	45.68 2.05 0.00	45.18 2.06 0.00
HOLTSVILLE_IC_1 23690	49.18 2.75 -12.33	57.51 3.14 -11.21	53.59 2.77 -12.97	57.33 2.38 -23.10	55.35 2.30 -21.66	48.42 2.40 -12.49	40.14 2.67 0.00	48.06 2.07 0.00	44.79 2.89 0.00	42.58 3.27 0.00	45.93 3.49 -0.60	50.86 3.78 0.00	51.04 3.92 -0.83	67.97 5.15 -0.36	89.28 5.73 -22.81	204.95 14.13 -48.27	424.80 28.29 -94.18	519.05 42.23 -4.63	169.43 9.31 -47.98	213.50 10.21 -78.79	217.81 9.94 -92.60	106.30 4.57 -46.30	46.91 3.29 0.00	46.00 2.89 0.00
HOLTSVILLE_IC_10 23699	49.49 3.06 -12.33	57.88 3.50 -11.21	53.90 3.08 -12.97	57.58 2.63 -23.10	55.60 2.54 -21.66	48.69 2.66 -12.49	40.43 2.96 0.00	48.35 2.36 0.00	45.10 3.20 0.00	42.91 3.60 0.00	46.29 3.86 -0.60	51.33 4.25 0.00	51.62 4.44 -0.90	68.74 5.89 -0.39	91.07 6.46 -23.87	215.08 15.78 -56.76	429.96 31.67 -95.96	525.28 47.25 -5.84	193.53 10.52 -70.87	252.49 11.23 -116.77	258.76 10.87 -132.63	110.35 5.19 -49.73	47.36 3.73 0.00	46.43 3.32 0.00
HOLTSVILLE_IC_2 23691	49.18 2.75 -12.33	57.51 3.14 -11.21	53.59 2.77 -12.97	57.33 2.38 -23.10	55.35 2.30 -21.66	48.42 2.40 -12.49	40.14 2.67 0.00	48.06 2.07 0.00	44.79 2.89 0.00	42.58 3.27 0.00	45.93 3.49 -0.60	50.86 3.78 0.00	51.04 3.92 -0.83	67.97 5.15 -0.36	89.28 5.73 -22.81	204.95 14.13 -48.27	424.80 28.29 -94.18	519.05 42.23 -4.63	169.43 9.31 -47.98	213.50 10.21 -78.79	217.81 9.94 -92.60	106.30 4.57 -46.30	46.91 3.29 0.00	46.00 2.89 0.00
HOLTSVILLE_IC_3 23692	49.18 2.75 -12.33	57.51 3.14 -11.21	53.59 2.77 -12.97	57.33 2.38 -23.10	55.35 2.30 -21.66	48.42 2.40 -12.49	40.14 2.67 0.00	48.06 2.07 0.00	44.79 2.89 0.00	42.58 3.27 0.00	45.93 3.49 -0.60	50.86 3.78 0.00	51.04 3.92 -0.83	67.97 5.15 -0.36	89.28 5.73 -22.81	204.95 14.13 -48.27	424.80 28.29 -94.18	519.05 42.23 -4.63	169.43 9.31 -47.98	213.50 10.21 -78.79	217.81 9.94 -92.60	106.30 4.57 -46.30	46.91 3.29 0.00	46.00 2.89 0.00
HOLTSVILLE_IC_4 23693	49.18 2.75 -12.33	57.51 3.14 -11.21	53.59 2.77 -12.97	57.33 2.38 -23.10	55.35 2.30 -21.66	48.42 2.40 -12.49	40.14 2.67 0.00	48.06 2.07 0.00	44.79 2.89 0.00	42.58 3.27 0.00	45.93 3.49 -0.60	50.86 3.78 0.00	51.04 3.92 -0.83	67.97 5.15 -0.36	89.28 5.73 -22.81	204.95 14.13 -48.27	424.80 28.29 -94.18	519.05 42.23 -4.63	169.43 9.31 -47.98	213.50 10.21 -78.79	217.81 9.94 -92.60	106.30 4.57 -46.30	46.91 3.29 0.00	46.00 2.89 0.00
HOLTSVILLE_IC_5 23694	49.18 2.75 -12.33	57.51 3.14 -11.21	53.59 2.77 -12.97	57.33 2.38 -23.10	55.35 2.30 -21.66	48.42 2.40 -12.49	40.14 2.67 0.00	48.06 2.07 0.00	44.79 2.89 0.00	42.58 3.27 0.00	45.93 3.49 -0.60	50.86 3.78 0.00	51.04 3.92 -0.83	67.97 5.15 -0.36	89.28 5.73 -22.81	204.95 14.13 -48.27	424.80 28.29 -94.18	519.05 42.23 -4.63	169.43 9.31 -47.98	213.50 10.21 -78.79	217.81 9.94 -92.60	106.30 4.57 -46.30	46.91 3.29 0.00	46.00 2.89 0.00
HOLTSVILLE_IC_6 23695	49.49 3.06 -12.33	57.88 3.50 -11.21	53.90 3.08 -12.97	57.58 2.63 -23.10	55.60 2.54 -21.66	48.69 2.66 -12.49	40.43 2.96 0.00	48.35 2.36 0.00	45.10 3.20 0.00	42.91 3.60 0.00	46.29 3.86 -0.60	51.33 4.25 0.00	51.62 4.44 -0.90	68.74 5.89 -0.39	91.07 6.46 -23.87	215.08 15.78 -56.76	429.96 31.67 -95.96	525.28 47.25 -5.84	193.53 10.52 -70.87	252.49 11.23 -116.77	258.76 10.87 -132.63	110.35 5.19 -49.73	47.36 3.73 0.00	46.43 3.32 0.00
HOLTSVILLE_IC_7 23696	49.49 3.06 -12.33	57.88 3.50 -11.21	53.90 3.08 -12.97	57.58 2.63 -23.10	55.60 2.54 -21.66	48.69 2.66 -12.49	40.43 2.96 0.00	48.35 2.36 0.00	45.10 3.20 0.00	42.91 3.60 0.00	46.29 3.86 -0.60	51.33 4.25 0.00	51.62 4.44 -0.90	68.74 5.89 -0.39	91.07 6.46 -23.87	215.08 15.78 -56.76	429.96 31.67 -95.96	525.28 47.25 -5.84	193.53 10.52 -70.87	252.49 11.23 -116.77	258.76 10.87 -132.63	110.35 5.19 -49.73	47.36 3.73 0.00	46.43 3.32 0.00
HOLTSVILLE_IC_8 23697	49.49 3.06 -12.33	57.88 3.50 -11.21	53.90 3.08 -12.97	57.58 2.63 -23.10	55.60 2.54 -21.66	48.69 2.66 -12.49	40.43 2.96 0.00	48.35 2.36 0.00	45.10 3.20 0.00	42.91 3.60 0.00	46.29 3.86 -0.60	51.33 4.25 0.00	51.62 4.44 -0.90	68.74 5.89 -0.39	91.07 6.46 -23.87	215.08 15.78 -56.76	429.96 31.67 -95.96	525.28 47.25 -5.84	193.53 10.52 -70.87	252.49 11.23 -116.77	258.76 10.87 -132.63	110.35 5.19 -49.73	47.36 3.73 0.00	46.43 3.32 0.00
HOLTSVILLE_IC_9 23698	49.49 3.06 -12.33	57.88 3.50 -11.21	53.90 3.08 -12.97	57.58 2.63 -23.10	55.60 2.54 -21.66	48.69 2.66 -12.49	40.43 2.96 0.00	48.35 2.36 0.00	45.10 3.20 0.00	42.91 3.60 0.00	46.29 3.86 -0.60	51.33 4.25 0.00	51.62 4.44 -0.90	68.74 5.89 -0.39	91.07 6.46 -23.87	215.08 15.78 -56.76	429.96 31.67 -95.96	525.28 47.25 -5.84	193.53 10.52 -70.87	252.49 11.23 -116.77	258.76 10.87 -132.63	110.35 5.19 -49.73	47.36 3.73 0.00	46.43 3.32 0.00
HOMER_HL_115KV_TB2 355744	36.12 2.02 0.00	44.62 1.46 0.00	38.62 0.78 0.00	31.94 0.10 0.00	31.63 0.23 0.00	33.97 0.44 0.00	38.40 0.94 0.00	47.69 1.70 0.00	44.46 2.56 0.00	41.53 2.22 0.00	44.17 2.34 0.00	50.01 2.93 0.00	49.88 3.59 0.00	66.44 3.98 0.00	63.49 2.75 0.00	146.46 3.91 0.00	310.71 8.38 0.00	477.13 4.95 0.00	112.32 0.18 0.00	125.69 1.19 0.00	115.37 0.10 0.00	56.04 0.61 0.00	44.54 0.92 0.00	44.57 1.45 0.00
HOWARD_WT_PWR 323690	35.11 0.99 -0.02	43.79 0.59 -0.04	37.82 -0.03 0.00	31.41 -0.43 0.00	31.28 -0.12 0.00	33.78 0.25 0.00	38.13 0.66 0.00	48.20 1.82 -0.39	44.61 2.64 -0.08	41.81 2.49 -0.01	44.72 2.87 -0.02	51.24 3.91 -0.26	50.97 4.40 -0.29	68.61 5.17 -0.98	65.26 3.70 -0.81	150.47 7.82 -0.11	320.05 17.68 -0.03	491.97 19.78 0.00	117.32 5.18 0.00	131.46 6.96 0.00	122.63 5.76 -1.61	59.29 3.27 -0.59	46.38 2.73 -0.03	45.99 2.77 -0.10

HQ_GEN_CEDARS 23644	33.16 -0.93 0.00	42.21 -0.95 0.00	37.20 -0.64 0.00	31.38 -0.46 0.00	30.91 -0.49 0.00	32.98 -0.55 0.00	36.76 -0.71 0.00	45.09 -0.90 0.00	41.03 -0.86 0.00	38.31 -1.00 0.00	40.62 -1.22 0.00	45.54 -1.54 0.00	44.60 -1.69 0.00	60.03 -2.43 0.00	58.30 -2.44 0.00	-87.10 -6.21 223.44	228.94 -11.50 61.89	456.61 -15.57 0.00	107.56 -4.58 0.00	119.18 -5.31 0.00	111.23 -4.04 0.00	53.46 -1.97 0.00	42.10 -1.52 0.00	41.95 -1.16 0.00
HQ_GEN_CEDARS_PROXY 323590	30.97 -0.93 2.19	42.21 -0.95 0.00	37.20 -0.64 0.00	31.38 -0.46 0.00	30.91 -0.49 0.00	32.98 -0.55 0.00	36.76 -0.71 0.00	44.82 -0.90 0.27	41.03 -0.86 0.00	38.31 -1.00 0.00	40.62 -1.22 0.00	45.54 -1.54 0.00	44.60 -1.69 0.00	60.03 -2.43 0.00	71.16 -2.44 -12.85	-116.01 -6.20 252.35	131.66 -11.46 159.21	230.43 -15.53 226.23	63.75 -4.58 43.81	97.96 -5.31 21.23	61.34 -4.04 49.89	24.27 -1.97 29.19	20.81 -1.52 21.29	41.95 -1.16 0.00
HQ_GEN_IMPORT 323601	19.82 -0.82 13.46	42.39 -0.77 0.00	37.29 -0.55 0.00	31.42 -0.42 0.00	30.98 -0.42 0.00	33.07 -0.46 0.00	36.91 -0.56 0.00	45.24 -0.75 0.00	41.12 -0.78 0.00	38.39 -0.93 0.00	40.83 -1.01 0.00	45.85 -1.23 0.00	44.97 -1.32 0.00	60.59 -1.88 0.00	89.14 -1.85 -30.25	43.10 -4.27 95.18	278.72 -8.38 15.23	425.15 -11.82 35.22	109.08 -3.06 0.00	121.02 -3.47 0.00	112.25 -3.02 0.00	58.17 -1.38 -4.12	42.48 -1.14 0.00	42.05 -1.07 0.00
HQ_GEN_WHEEL 23651	19.82 -0.82 13.46	42.39 -0.77 0.00	37.29 -0.55 0.00	31.42 -0.42 0.00	30.98 -0.42 0.00	33.07 -0.46 0.00	36.91 -0.56 0.00	45.24 -0.75 0.00	41.12 -0.78 0.00	38.39 -0.93 0.00	40.83 -1.01 0.00	45.85 -1.23 0.00	44.97 -1.32 0.00	60.59 -1.88 0.00	89.14 -1.85 -30.25	43.10 -4.27 95.18	278.72 -8.38 15.23	425.15 -11.82 35.22	109.08 -3.06 0.00	121.02 -3.47 0.00	112.25 -3.02 0.00	58.17 -1.38 -4.12	42.48 -1.14 0.00	42.05 -1.07 0.00
HUDSON AVE_GT_3 23810	37.86 2.24 -1.52	45.53 2.37 0.00	39.90 2.05 0.00	33.58 1.74 0.00	33.05 1.65 0.00	35.28 1.75 0.00	39.54 2.07 0.00	48.46 2.47 0.00	44.74 2.85 0.00	42.58 3.27 0.00	45.88 3.45 -0.60	50.96 3.89 0.00	50.15 3.85 0.00	67.88 5.42 0.00	66.32 5.58 0.00	155.65 13.10 0.00	328.14 25.81 0.00	511.26 39.07 0.00	121.21 9.07 0.00	133.69 9.19 0.00	123.50 8.23 0.00	59.15 3.72 0.00	46.72 3.09 0.00	46.38 3.26 0.00
HUDSON AVE_GT_4 23540	37.86 2.24 -1.52	45.53 2.37 0.00	39.90 2.05 0.00	33.58 1.74 0.00	33.05 1.65 0.00	35.28 1.75 0.00	39.54 2.07 0.00	48.46 2.47 0.00	44.74 2.85 0.00	42.58 3.27 0.00	45.88 3.45 -0.60	50.96 3.89 0.00	50.15 3.85 0.00	67.88 5.42 0.00	66.32 5.58 0.00	155.65 13.10 0.00	328.14 25.81 0.00	511.26 39.07 0.00	121.21 9.07 0.00	133.69 9.19 0.00	123.50 8.23 0.00	59.15 3.72 0.00	46.72 3.09 0.00	46.38 3.26 0.00
HUDSON AVE_GT_5 23657	37.86 2.24 -1.52	45.53 2.37 0.00	39.90 2.05 0.00	33.58 1.74 0.00	33.05 1.65 0.00	35.28 1.75 0.00	39.54 2.07 0.00	48.46 2.47 0.00	44.74 2.85 0.00	42.58 3.27 0.00	45.88 3.45 -0.60	50.96 3.89 0.00	50.15 3.85 0.00	67.88 5.42 0.00	66.32 5.58 0.00	155.65 13.10 0.00	328.14 25.81 0.00	511.26 39.07 0.00	121.21 9.07 0.00	133.69 9.19 0.00	123.50 8.23 0.00	59.15 3.72 0.00	46.72 3.09 0.00	46.38 3.26 0.00
HUDSON_AVE_10 24168	37.81 2.19 -1.52	45.46 2.30 0.00	39.85 2.00 0.00	33.53 1.69 0.00	32.99 1.59 0.00	35.21 1.68 0.00	39.44 1.98 0.00	48.37 2.38 0.00	44.61 2.71 0.00	42.47 3.16 0.00	45.75 3.33 -0.60	50.82 3.74 0.00	50.00 3.71 0.00	67.71 5.25 0.00	66.16 5.42 0.00	155.31 12.76 0.00	327.32 25.00 0.00	510.22 38.03 0.00	120.97 8.83 0.00	133.33 8.84 0.00	123.21 7.94 0.00	59.02 3.59 0.00	46.60 2.97 0.00	46.25 3.14 0.00
HUDSON___115KV_TB 4 355613	36.19 1.88 -0.21	45.42 2.26 0.00	39.73 1.89 0.00	33.48 1.64 0.00	33.02 1.61 0.00	35.21 1.67 0.00	39.22 1.75 0.00	48.01 2.03 0.00	43.45 1.55 0.00	40.69 1.38 0.00	43.07 1.15 -0.08	48.23 1.15 0.00	47.30 1.01 0.00	64.40 1.94 0.00	62.79 2.05 0.00	147.97 5.43 0.00	313.45 11.12 0.00	492.65 20.47 0.00	117.81 5.68 0.00	131.19 6.69 0.00	121.47 6.21 0.00	58.21 2.78 0.00	45.80 2.18 0.00	45.41 2.30 0.00
HUNTER MOUNT___DRP 323613	36.26 2.17 0.00	45.81 2.65 0.00	40.06 2.22 0.00	33.75 1.91 0.00	33.28 1.88 0.00	35.50 1.98 0.00	39.57 2.10 0.00	48.51 2.52 0.00	43.78 1.88 0.00	40.87 1.55 0.00	43.08 1.25 0.00	48.31 1.24 0.00	47.34 1.05 0.00	64.64 2.18 0.00	62.95 2.21 0.00	148.62 6.07 0.00	314.57 12.25 0.00	495.60 23.41 0.00	118.71 6.57 0.00	132.32 7.83 0.00	122.56 7.29 0.00	58.73 3.30 0.00	46.18 2.55 0.00	45.73 2.62 0.00
HUNTINGTON_RES_REC 323705	49.22 2.79 -12.33	57.56 3.18 -11.21	53.59 2.78 -12.97	57.30 2.36 -23.10	55.32 2.27 -21.66	48.40 2.38 -12.49	40.14 2.67 0.00	48.24 2.25 0.00	44.95 3.05 0.00	42.75 3.44 0.00	46.14 3.71 -0.60	51.02 3.94 0.00	51.01 4.11 -0.61	68.38 5.51 -0.41	91.54 6.10 -24.69	290.66 15.06 -133.05	438.70 30.49 -105.89	533.11 45.62 -15.30	418.33 10.15 -296.04	616.09 10.92 -480.68	638.27 10.11 -512.90	143.30 4.59 -83.28	46.93 3.30 0.00	46.07 2.96 0.00
HUNTLEY___63 23557	36.05 1.95 0.00	44.40 1.23 0.00	38.24 0.40 0.00	31.53 -0.31 0.00	31.20 -0.21 0.00	33.46 -0.07 0.00	37.67 0.20 0.00	47.07 1.08 0.00	44.37 2.47 0.00	41.45 2.14 0.00	44.67 2.84 0.00	50.88 3.80 0.00	50.29 4.00 0.00	66.81 4.34 0.00	63.37 2.62 0.00	145.68 3.12 -0.01	307.22 4.89 0.00	473.85 1.67 0.00	112.32 0.18 0.00	127.43 2.93 0.00	116.62 1.34 -0.02	56.94 1.52 0.00	45.82 2.20 0.00	45.42 2.30 0.00
HUNTLEY___64 23558	36.05 1.95 0.00	44.40 1.23 0.00	38.24 0.40 0.00	31.53 -0.31 0.00	31.20 -0.21 0.00	33.46 -0.07 0.00	37.67 0.20 0.00	47.07 1.08 0.00	44.37 2.47 0.00	41.45 2.14 0.00	44.67 2.84 0.00	50.88 3.80 0.00	50.29 4.00 0.00	66.81 4.34 0.00	63.37 2.62 0.00	145.68 3.12 -0.01	307.22 4.89 0.00	473.85 1.67 0.00	112.32 0.18 0.00	127.43 2.93 0.00	116.62 1.34 -0.02	56.94 1.52 0.00	45.82 2.20 0.00	45.42 2.30 0.00
HUNTLEY___65 23559	36.05 1.95 0.00	44.40 1.23 0.00	38.24 0.40 0.00	31.53 -0.31 0.00	31.20 -0.21 0.00	33.46 -0.07 0.00	37.67 0.20 0.00	47.07 1.08 0.00	44.37 2.47 0.00	41.45 2.14 0.00	44.67 2.84 0.00	50.88 3.80 0.00	50.29 4.00 0.00	66.81 4.34 0.00	63.37 2.62 0.00	145.68 3.12 -0.01	307.22 4.89 0.00	473.85 1.67 0.00	112.32 0.18 0.00	127.43 2.93 0.00	116.62 1.34 -0.02	56.94 1.52 0.00	45.82 2.20 0.00	45.42 2.30 0.00
HUNTLEY___66 23560	36.05 1.95 0.00	44.40 1.23 0.00	38.24 0.40 0.00	31.53 -0.31 0.00	31.20 -0.21 0.00	33.46 -0.07 0.00	37.67 0.20 0.00	47.07 1.08 0.00	44.37 2.47 0.00	41.45 2.14 0.00	44.67 2.84 0.00	50.88 3.80 0.00	50.29 4.00 0.00	66.81 4.34 0.00	63.37 2.62 0.00	145.68 3.12 -0.01	307.22 4.89 0.00	473.85 1.67 0.00	112.32 0.18 0.00	127.43 2.93 0.00	116.62 1.34 -0.02	56.94 1.52 0.00	45.82 2.20 0.00	45.42 2.30 0.00

HUNTLEY___67 23561	35.72 1.62 0.00	44.03 0.87 0.00	37.97 0.13 0.00	31.33 -0.51 0.00	31.00 -0.40 0.00	33.25 -0.28 0.00	37.42 -0.05 0.00	46.74 0.75 0.00	43.98 2.08 0.00	41.11 1.80 0.00	44.24 2.40 0.00	50.46 3.38 0.00	49.92 3.63 0.00	66.31 3.85 0.00	63.02 2.27 0.00	145.16 2.61 0.00	306.44 4.12 0.00	472.13 -0.06 0.00	112.00 -0.13 0.00	126.99 2.50 0.00	116.05 0.78 0.00	56.69 1.26 0.00	45.41 1.79 0.00	44.92 1.80 0.00
HUNTLEY___68 23562	35.72 1.62 0.00	44.03 0.87 0.00	37.97 0.13 0.00	31.33 -0.51 0.00	31.00 -0.40 0.00	33.25 -0.28 0.00	37.42 -0.05 0.00	46.74 0.75 0.00	43.98 2.08 0.00	41.11 1.80 0.00	44.24 2.40 0.00	50.46 3.38 0.00	49.92 3.63 0.00	66.31 3.85 0.00	63.02 2.27 0.00	145.16 2.61 0.00	306.44 4.12 0.00	472.13 -0.06 0.00	112.00 -0.13 0.00	126.99 2.50 0.00	116.05 0.78 0.00	56.69 1.26 0.00	45.41 1.79 0.00	44.92 1.80 0.00
HYLAND___LFGE 323620	36.29 2.19 0.00	45.02 1.85 0.00	38.93 1.09 0.00	32.23 0.39 0.00	31.93 0.53 0.00	34.37 0.84 0.00	38.79 1.32 0.00	48.26 2.27 0.00	44.06 2.17 0.00	40.94 1.63 0.00	43.90 2.07 0.00	50.00 2.92 0.00	49.79 3.50 0.00	64.44 1.97 0.00	58.77 -1.97 0.00	141.13 -1.41 0.00	295.76 -6.57 0.00	465.16 -7.03 0.00	110.10 -2.04 0.00	125.41 0.92 0.00	112.91 -2.35 0.00	55.94 0.51 0.00	47.59 3.97 0.00	46.59 3.48 0.00
INDECK___CORINTH 23802	36.61 2.28 -0.24	45.84 2.67 0.00	40.25 2.41 0.00	33.90 2.06 0.00	33.50 2.10 0.00	35.76 2.22 0.00	39.82 2.36 0.00	48.92 2.94 0.00	44.43 2.54 0.00	41.81 2.50 0.00	44.27 2.34 -0.09	49.74 2.66 0.00	48.94 2.65 0.00	66.67 4.21 0.00	65.02 4.28 0.00	153.33 10.78 0.00	324.93 22.60 0.00	506.97 34.78 0.00	121.76 9.62 0.00	135.25 10.75 0.00	125.69 10.42 0.00	60.32 4.89 0.00	47.26 3.64 0.00	46.40 3.28 0.00
INDECK___ILION 23567	34.80 0.70 0.00	43.89 0.73 0.00	38.39 0.55 0.00	32.32 0.48 0.00	31.90 0.50 0.00	34.09 0.55 0.00	38.09 0.62 0.00	46.63 0.64 0.00	42.41 0.51 0.00	39.78 0.47 0.00	42.30 0.46 0.00	47.59 0.51 0.00	46.86 0.57 0.00	63.09 0.63 0.00	61.48 0.73 0.00	157.05 2.34 -12.16	310.56 4.87 -3.37	479.98 7.79 0.00	114.68 2.54 0.00	127.47 2.98 0.00	118.24 2.97 0.00	56.79 1.36 0.00	44.63 1.01 0.00	44.02 0.91 0.00
INDECK___OLEAN 23982	36.12 2.02 0.00	44.63 1.47 0.00	38.62 0.78 0.00	31.94 0.10 0.00	31.63 0.23 0.00	33.97 0.44 0.00	38.40 0.93 0.00	47.70 1.71 0.00	44.46 2.56 0.00	41.53 2.22 0.00	44.16 2.33 0.00	50.01 2.93 0.00	49.87 3.58 0.00	66.43 3.97 0.00	63.47 2.73 0.00	146.44 3.89 0.00	310.54 8.21 0.00	476.68 4.49 0.00	112.29 0.16 0.00	125.69 1.20 0.00	115.39 0.12 0.00	56.04 0.61 0.00	44.54 0.91 0.00	44.57 1.45 0.00
INDECK___OSWEGO 23783	33.83 -0.47 -0.20	42.87 -0.67 -0.38	37.15 -0.69 0.00	31.20 -0.64 0.00	30.81 -0.60 0.00	32.95 -0.59 0.00	36.87 -0.60 0.00	49.49 -0.64 -4.14	42.27 -0.45 -0.83	38.83 -0.57 -0.09	41.36 -0.65 -0.17	49.13 -0.67 -2.72	48.86 -0.52 -3.09	72.10 -0.80 -10.44	68.50 -0.89 -8.64	135.40 -2.16 4.99	296.06 -4.90 1.36	464.11 -8.08 0.00	110.49 -1.65 0.00	124.11 -0.43 -0.04	131.26 -0.94 -16.93	60.92 -0.75 -6.24	43.38 -0.57 -0.32	43.70 -0.51 -1.10
INDECK___YERKES 23781	36.10 2.00 0.00	44.46 1.29 0.00	38.29 0.44 0.00	31.57 -0.27 0.00	31.24 -0.15 0.00	33.50 -0.03 0.00	37.72 0.25 0.00	47.15 1.16 0.00	44.42 2.52 0.00	41.50 2.19 0.00	44.73 2.90 0.00	50.92 3.84 0.00	50.31 4.02 0.00	66.82 4.35 0.00	63.37 2.62 0.00	145.58 3.03 -0.01	306.95 4.63 0.00	473.33 1.14 0.00	112.31 0.17 0.00	127.43 2.93 0.00	116.64 1.36 -0.02	56.95 1.52 0.00	45.85 2.23 0.00	45.48 2.37 0.00
INDIAN POINT_GT_1 24139	37.69 1.81 -1.79	45.06 1.90 0.00	39.49 1.64 0.00	33.25 1.41 0.00	32.72 1.32 0.00	34.90 1.37 0.00	39.08 1.62 0.00	47.87 1.88 0.00	44.09 2.19 0.00	41.86 2.55 0.00	45.24 2.70 -0.70	50.14 3.06 0.00	49.35 3.06 0.00	66.89 4.42 0.00	65.37 4.63 0.00	153.48 10.93 0.00	324.17 21.84 0.00	505.43 33.24 0.00	119.84 7.70 0.00	132.26 7.77 0.00	122.16 6.89 0.00	58.55 3.12 0.00	46.12 2.50 0.00	45.74 2.63 0.00
INDIAN POINT_GT_2 23659	37.69 1.81 -1.79	45.06 1.90 0.00	39.49 1.64 0.00	33.25 1.41 0.00	32.72 1.32 0.00	34.90 1.37 0.00	39.08 1.62 0.00	47.87 1.88 0.00	44.09 2.19 0.00	41.86 2.55 0.00	45.24 2.70 -0.70	50.14 3.06 0.00	49.35 3.06 0.00	66.89 4.42 0.00	65.37 4.63 0.00	153.48 10.93 0.00	324.17 21.84 0.00	505.43 33.24 0.00	119.84 7.70 0.00	132.26 7.77 0.00	122.16 6.89 0.00	58.55 3.12 0.00	46.12 2.50 0.00	45.74 2.63 0.00
INDIAN POINT_GT_3 24019	37.69 1.81 -1.79	45.06 1.90 0.00	39.49 1.64 0.00	33.25 1.41 0.00	32.72 1.32 0.00	34.90 1.37 0.00	39.08 1.62 0.00	47.87 1.88 0.00	44.09 2.19 0.00	41.86 2.55 0.00	45.24 2.70 -0.70	50.14 3.06 0.00	49.35 3.06 0.00	66.89 4.42 0.00	65.37 4.63 0.00	153.48 10.93 0.00	324.17 21.84 0.00	505.43 33.24 0.00	119.84 7.70 0.00	132.26 7.77 0.00	122.16 6.89 0.00	58.55 3.12 0.00	46.12 2.50 0.00	45.74 2.63 0.00
INDIAN POINT___2 23530	38.25 1.75 -2.41	44.98 1.82 0.00	39.41 1.57 0.00	33.18 1.34 0.00	32.66 1.26 0.00	34.83 1.30 0.00	39.00 1.54 0.00	47.77 1.78 0.00	43.99 2.10 0.00	41.77 2.46 0.00	45.39 2.61 -0.95	50.04 2.96 0.00	49.26 2.97 0.00	66.76 4.30 0.00	65.24 4.50 0.00	153.08 10.53 0.00	323.39 21.06 0.00	504.37 32.19 0.00	119.59 7.45 0.00	131.93 7.44 0.00	121.86 6.59 0.00	58.41 2.98 0.00	46.02 2.40 0.00	45.65 2.54 0.00
INDIAN POINT___3 23531	37.66 1.74 -1.83	44.98 1.82 0.00	39.42 1.57 0.00	33.20 1.36 0.00	32.67 1.27 0.00	34.85 1.32 0.00	39.01 1.54 0.00	47.77 1.78 0.00	43.98 2.09 0.00	41.76 2.45 0.00	45.15 2.60 -0.72	50.01 2.93 0.00	49.23 2.94 0.00	66.72 4.26 0.00	65.21 4.47 0.00	153.05 10.50 0.00	323.32 20.99 0.00	504.17 31.99 0.00	119.52 7.38 0.00	131.93 7.43 0.00	121.85 6.58 0.00	58.40 2.97 0.00	46.02 2.40 0.00	45.65 2.54 0.00
INGHAM_C_115KV_TB7 356103	35.25 1.15 0.00	44.32 1.15 0.00	38.65 0.81 0.00	32.57 0.73 0.00	32.20 0.79 0.00	34.41 0.88 0.00	38.43 0.96 0.00	46.87 0.88 0.00	42.53 0.63 0.00	39.77 0.46 0.00	42.21 0.38 0.00	47.47 0.39 0.00	46.78 0.49 0.00	62.70 0.24 0.00	61.25 0.50 0.00	157.19 2.49 -12.16	310.93 5.24 -3.37	481.02 8.84 0.00	115.84 3.70 0.00	129.04 4.54 0.00	120.08 4.81 0.00	57.60 2.17 0.00	45.19 1.57 0.00	44.50 1.39 0.00
IP CORINTH___1 23988	36.82 2.49 -0.24	46.09 2.93 0.00	40.45 2.61 0.00	34.07 2.23 0.00	33.67 2.27 0.00	35.94 2.40 0.00	40.05 2.58 0.00	49.20 3.21 0.00	44.68 2.79 0.00	42.05 2.74 0.00	44.52 2.60 -0.09	50.04 2.96 0.00	49.21 2.92 0.00	67.05 4.58 0.00	65.39 4.64 0.00	154.18 11.63 0.00	326.70 24.37 0.00	509.74 37.55 0.00	122.40 10.26 0.00	136.00 11.50 0.00	126.38 11.12 0.00	60.64 5.22 0.00	47.52 3.90 0.00	46.65 3.54 0.00

MID___OSWEGATCHIE_HYD 23849	33.28 -0.84 -0.03	42.09 -1.12 -0.05	37.12 -0.73 0.00	31.41 -0.42 0.00	31.05 -0.35 0.00	33.20 -0.33 0.00	37.01 -0.46 0.00	46.11 -0.46 -0.58	41.76 -0.25 -0.11	38.95 -0.37 -0.01	41.49 -0.37 -0.02	46.89 -0.57 -0.38	46.17 -0.55 -0.43	63.07 -0.85 -1.46	61.11 -0.84 -1.21	16.48 -1.14 124.93	265.08 -2.65 34.60	470.82 -1.37 0.00	112.35 0.22 0.00	125.63 1.12 -0.02	119.68 2.04 -2.37	57.02 0.72 -0.87	44.03 0.36 -0.04	43.67 0.40 -0.15
MID___RAQUETTE_HYD 23851	32.71 -1.40 -0.02	41.61 -1.58 -0.03	36.69 -1.16 0.00	31.00 -0.84 0.00	30.48 -0.92 0.00	32.45 -1.08 0.00	36.17 -1.30 0.00	44.67 -1.61 -0.29	40.43 -1.53 -0.06	37.69 -1.63 -0.01	39.99 -1.86 -0.01	44.98 -2.30 -0.19	44.06 -2.45 -0.22	59.77 -3.45 -0.75	57.98 -3.38 -0.62	-54.28 -8.21 188.62	234.35 -15.73 52.24	450.65 -21.54 0.00	106.65 -5.49 0.00	118.59 -5.90 0.00	112.11 -4.36 -1.20	53.68 -2.19 -0.45	41.87 -1.77 -0.02	41.84 -1.35 -0.08
MILLIKEN___1 23584	35.56 1.42 -0.05	44.61 1.35 -0.10	38.84 0.99 0.00	32.56 0.71 0.00	32.16 0.76 0.00	34.43 0.90 0.00	38.62 1.15 0.00	48.68 1.61 -1.08	43.71 1.60 -0.22	40.88 1.55 -0.02	43.58 1.70 -0.05	49.84 2.06 -0.71	49.41 2.32 -0.80	68.12 2.94 -2.72	65.62 2.62 -2.25	148.53 5.69 -0.30	315.78 13.37 -0.09	491.11 18.93 0.00	117.26 5.13 0.00	130.83 6.32 -0.01	125.38 5.70 -4.42	59.77 2.72 -1.63	45.83 2.12 -0.08	45.31 1.91 -0.29
MILLIKEN___2 23585	35.56 1.42 -0.05	44.61 1.35 -0.10	38.84 0.99 0.00	32.56 0.71 0.00	32.16 0.76 0.00	34.43 0.90 0.00	38.62 1.15 0.00	48.68 1.61 -1.08	43.71 1.60 -0.22	40.88 1.55 -0.02	43.58 1.70 -0.05	49.84 2.06 -0.71	49.41 2.32 -0.80	68.12 2.94 -2.72	65.62 2.62 -2.25	148.53 5.69 -0.30	315.78 13.37 -0.09	491.11 18.93 0.00	117.26 5.13 0.00	130.83 6.32 -0.01	125.38 5.70 -4.42	59.77 2.72 -1.63	45.83 2.12 -0.08	45.31 1.91 -0.29
MILLIKEN___DIESEL 23629	35.56 1.42 -0.05	44.61 1.35 -0.10	38.84 0.99 0.00	32.56 0.71 0.00	32.16 0.76 0.00	34.43 0.90 0.00	38.62 1.15 0.00	48.68 1.61 -1.08	43.71 1.60 -0.22	40.88 1.55 -0.02	43.58 1.70 -0.05	49.84 2.06 -0.71	49.41 2.32 -0.80	68.12 2.94 -2.72	65.62 2.62 -2.25	148.53 5.69 -0.30	315.78 13.37 -0.09	491.11 18.93 0.00	117.26 5.13 0.00	130.83 6.32 -0.01	125.38 5.70 -4.42	59.77 2.72 -1.63	45.83 2.12 -0.08	45.31 1.91 -0.29
MILLSEAT___LFGE 323607	36.49 2.40 0.00	44.95 1.79 0.00	38.73 0.89 0.00	31.98 0.14 0.00	31.63 0.23 0.00	33.92 0.38 0.00	38.21 0.75 0.00	47.79 1.80 0.00	44.82 2.92 0.00	41.86 2.55 0.00	45.08 3.25 0.00	51.40 4.32 0.00	50.97 4.68 0.00	67.96 5.49 0.00	64.64 3.89 0.00	148.69 6.14 -0.01	313.95 11.63 0.00	485.71 13.52 0.00	115.69 3.55 0.00	131.13 6.63 0.00	119.84 4.56 0.00	58.38 2.95 0.00	46.62 3.00 0.00	45.97 2.86 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	37.65 1.86 -1.70	45.14 1.98 0.00	39.54 1.70 0.00	33.30 1.46 0.00	32.77 1.37 0.00	34.96 1.43 0.00	39.14 1.68 0.00	47.95 1.97 0.00	44.16 2.26 0.00	41.92 2.61 0.00	45.27 2.77 -0.67	50.21 3.13 0.00	49.42 3.13 0.00	66.96 4.50 0.00	65.45 4.71 0.00	153.65 11.10 0.00	324.59 22.26 0.00	505.95 33.76 0.00	119.95 7.82 0.00	132.42 7.92 0.00	122.30 7.04 0.00	58.62 3.19 0.00	46.20 2.58 0.00	45.81 2.69 0.00
MILLWOOD_13_KV_LOAD 356217	37.79 1.99 -1.70	45.29 2.13 0.00	39.68 1.83 0.00	33.41 1.57 0.00	32.87 1.47 0.00	35.07 1.54 0.00	39.28 1.81 0.00	48.12 2.13 0.00	44.33 2.43 0.00	42.10 2.79 0.00	45.47 2.97 -0.67	50.45 3.37 0.00	49.67 3.38 0.00	67.32 4.86 0.00	65.80 5.05 0.00	154.54 11.99 0.00	326.39 24.06 0.00	508.78 36.59 0.00	120.63 8.49 0.00	133.12 8.62 0.00	122.97 7.70 0.00	58.91 3.48 0.00	46.41 2.79 0.00	46.00 2.89 0.00
MODEL_CITY_ENERGY 24167	35.39 1.29 0.00	43.57 0.40 0.00	37.53 -0.31 0.00	30.97 -0.87 0.00	30.65 -0.75 0.00	32.85 -0.69 0.00	36.97 -0.50 0.00	46.22 0.23 0.00	43.46 1.56 0.00	40.52 1.21 0.00	43.63 1.80 0.00	49.74 2.66 0.00	49.23 2.94 0.00	65.35 2.89 0.00	62.01 1.26 0.00	142.66 0.11 0.00	300.69 -1.64 0.00	464.43 -7.76 0.00	110.21 -1.93 0.00	125.20 0.71 0.00	114.24 -1.03 0.00	55.92 0.49 0.00	44.93 1.31 0.00	44.47 1.35 0.00
MODERN_LFGE___ 323580	35.39 1.29 0.00	43.57 0.40 0.00	37.53 -0.31 0.00	30.97 -0.87 0.00	30.65 -0.75 0.00	32.85 -0.69 0.00	36.97 -0.50 0.00	46.22 0.23 0.00	43.46 1.56 0.00	40.52 1.21 0.00	43.63 1.80 0.00	49.74 2.66 0.00	49.23 2.94 0.00	65.35 2.89 0.00	62.01 1.26 0.00	142.66 0.11 0.00	300.69 -1.64 0.00	464.43 -7.76 0.00	110.21 -1.93 0.00	125.20 0.71 0.00	114.24 -1.03 0.00	55.92 0.49 0.00	44.93 1.31 0.00	44.47 1.35 0.00
MOHAWK_PAPER___DRP 24187	35.76 1.41 -0.25	44.82 1.66 0.00	39.26 1.41 0.00	33.11 1.27 0.00	32.64 1.24 0.00	34.79 1.26 0.00	38.78 1.31 0.00	47.56 1.58 0.00	43.28 1.38 0.00	40.69 1.38 0.00	43.31 1.37 -0.10	48.55 1.47 0.00	47.70 1.41 0.00	64.84 2.38 0.00	63.33 2.58 0.00	149.02 6.47 0.00	315.10 12.77 0.00	493.13 20.94 0.00	117.30 5.16 0.00	130.02 5.53 0.00	120.39 5.13 0.00	57.75 2.32 0.00	45.45 1.83 0.00	44.88 1.77 0.00
MOHICAN___35_KV_115KV_LD 80490	37.12 2.78 -0.24	46.48 3.31 0.00	40.78 2.93 0.00	34.35 2.51 0.00	33.95 2.54 0.00	36.24 2.70 0.00	40.38 2.91 0.00	49.58 3.59 0.00	45.02 3.12 0.00	42.33 3.02 0.00	44.89 2.96 -0.09	50.41 3.33 0.00	49.59 3.30 0.00	67.68 5.22 0.00	66.03 5.28 0.00	155.67 13.12 0.00	329.93 27.60 0.00	514.39 42.20 0.00	123.28 11.14 0.00	136.99 12.49 0.00	127.16 11.90 0.00	61.05 5.62 0.00	47.87 4.25 0.00	47.01 3.89 0.00
MONGAUP___HYD 23641	35.08 2.33 1.35	45.71 2.55 0.00	39.97 2.13 0.00	33.60 1.76 0.00	32.86 1.45 0.00	35.05 1.52 0.00	39.27 1.79 0.00	48.17 2.18 0.00	44.11 2.21 0.00	41.59 2.28 0.00	43.59 2.28 0.53	49.64 2.56 0.00	48.83 2.54 0.00	66.17 3.70 0.00	64.63 3.89 0.00	151.76 9.21 0.00	321.03 18.70 0.00	502.85 30.66 0.00	119.97 7.83 0.00	133.10 8.61 0.00	123.89 8.63 0.00	59.31 3.88 0.00	46.66 3.04 0.00	46.08 2.97 0.00
MONTAUK___DIESEL 23721	49.49 3.06 -12.33	57.77 3.40 -11.21	53.97 3.15 -12.97	58.16 3.22 -23.10	56.47 3.42 -21.66	49.41 3.39 -12.49	41.49 4.02 0.00	49.31 3.33 0.00	46.38 4.48 0.00	43.53 4.22 0.00	47.38 4.95 -0.60	53.21 6.13 0.00	53.14 6.00 -0.85	70.92 8.10 -0.36	92.20 8.41 -23.04	212.10 19.23 -50.32	436.66 39.74 -94.59	535.22 58.11 -4.92	177.73 12.03 -53.56	224.72 12.16 -88.06	228.84 11.19 -102.38	107.66 5.10 -47.13	47.49 3.87 0.00	46.20 3.09 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	37.41 3.32 0.00	46.14 2.97 0.00	39.74 1.90 0.00	32.88 1.04 0.00	32.59 1.19 0.00	35.05 1.52 0.00	39.55 2.08 0.00	49.41 3.42 0.00	46.51 4.61 0.00	43.68 4.37 0.00	47.19 5.36 0.00	54.09 7.01 0.00	53.11 6.82 0.00	70.20 7.73 0.00	66.72 5.98 0.00	153.49 10.94 0.00	327.31 24.99 0.00	500.05 27.86 0.00	119.51 7.37 0.00	135.01 10.52 0.00	124.63 9.36 0.00	61.12 5.69 0.00	48.48 4.85 0.00	47.38 4.26 0.00

MORTIMER_115KV_TB3 55949	35.68 1.58 0.00	44.29 1.13 0.00	38.37 0.53 0.00	31.85 0.01 0.00	31.46 0.06 0.00	33.70 0.17 0.00	37.87 0.40 0.00	47.05 1.06 0.00	43.78 1.88 0.00	41.11 1.79 0.00	44.18 2.34 0.00	50.26 3.18 0.00	49.74 3.45 0.00	66.56 4.10 0.00	63.78 3.04 0.00	147.83 5.29 0.00	312.72 10.40 0.00	484.40 12.21 0.00	115.23 3.09 0.00	129.47 4.97 0.00	118.41 3.15 0.00	57.48 2.05 0.00	45.65 2.03 0.00	44.98 1.87 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	37.78 2.16 -1.52	45.44 2.28 0.00	39.82 1.98 0.00	33.53 1.69 0.00	32.99 1.59 0.00	35.22 1.69 0.00	39.45 1.99 0.00	48.35 2.36 0.00	44.60 2.70 0.00	42.41 3.10 0.00	45.70 3.27 -0.60	50.74 3.66 0.00	49.92 3.63 0.00	67.58 5.12 0.00	66.02 5.28 0.00	155.02 12.47 0.00	326.85 24.53 0.00	509.16 36.97 0.00	120.74 8.60 0.00	133.18 8.68 0.00	123.08 7.81 0.00	58.96 3.54 0.00	46.55 2.93 0.00	46.23 3.11 0.00
MUNSVILLE_WIND_PWR 323609	37.48 3.35 -0.03	46.91 3.69 -0.06	40.89 3.05 0.00	34.33 2.49 0.00	34.05 2.65 0.00	36.56 3.03 0.00	41.07 3.60 0.00	51.25 4.57 -0.68	46.39 4.36 -0.14	43.29 3.96 -0.02	46.01 4.15 -0.03	52.54 5.01 -0.45	52.12 5.32 -0.51	71.31 7.12 -1.73	68.76 6.59 -1.43	156.75 14.02 -0.19	336.40 34.02 -0.06	524.68 52.49 0.00	125.90 13.77 0.00	141.08 16.57 -0.01	133.20 15.13 -2.80	63.65 7.19 -1.03	49.06 5.38 -0.05	48.18 4.89 -0.18
N SALMON___HYD 24042	33.20 -0.90 0.00	42.21 -0.95 0.00	37.17 -0.67 0.00	31.41 -0.43 0.00	30.95 -0.45 0.00	33.03 -0.50 0.00	36.80 -0.67 0.00	45.21 -0.78 0.00	41.27 -0.63 0.00	38.71 -0.60 0.00	41.13 -0.70 0.00	46.09 -0.99 0.00	44.99 -1.30 0.00	60.31 -2.15 0.00	58.41 -2.34 0.00	-84.57 -5.37 221.74	232.42 -8.49 61.42	460.81 -11.37 0.00	109.63 -2.51 0.00	122.00 -2.49 0.00	113.76 -1.50 0.00	54.50 -0.93 0.00	42.88 -0.74 0.00	42.44 -0.67 0.00
N.AKRON__115KV_KNAPP 355671	36.33 2.23 0.00	44.73 1.57 0.00	38.54 0.70 0.00	31.81 -0.03 0.00	31.46 0.06 0.00	33.74 0.21 0.00	38.02 0.55 0.00	47.56 1.57 0.00	44.66 2.76 0.00	41.71 2.40 0.00	44.93 3.10 0.00	51.27 4.19 0.00	50.82 4.53 0.00	67.64 5.17 0.00	64.31 3.56 0.00	147.95 5.40 -0.01	312.26 9.93 0.00	482.78 10.59 0.00	114.80 2.66 0.00	130.11 5.61 0.00	118.84 3.57 0.00	57.98 2.55 0.00	46.37 2.75 0.00	45.77 2.66 0.00
N.BELMOR_69_KV_BK1 55787	49.19 2.77 -12.33	57.44 3.07 -11.21	53.45 2.64 -12.97	57.17 2.22 -23.10	55.18 2.12 -21.66	48.26 2.24 -12.49	40.02 2.55 0.00	48.64 2.65 0.00	45.19 3.29 0.00	42.97 3.66 0.00	46.19 3.76 -0.60	51.19 4.11 0.00	51.22 4.25 -0.68	69.93 5.76 -1.71	142.56 6.16 -75.65	234.37 14.87 -76.96	467.45 30.35 -134.77	534.57 45.79 -16.59	138.03 10.26 -15.63	149.91 10.76 -14.65	148.62 9.86 -23.50	94.67 4.63 -34.62	47.11 3.49 0.00	46.32 3.21 0.00
N.E_GEN_SANDY PD 24062	47.91 1.53 -12.28	45.97 1.75 -1.06	40.74 1.52 -1.37	33.20 1.36 0.00	34.26 1.32 -1.54	35.38 1.35 -0.50	38.72 1.41 0.16	47.69 1.70 0.00	43.52 1.62 0.00	40.80 1.66 0.18	43.74 1.73 -0.18	50.23 1.86 -1.29	47.92 1.75 0.12	64.88 2.98 0.56	95.26 3.34 -31.18	112.22 8.05 38.37	318.11 15.78 0.00	461.95 24.98 35.22	411.74 5.96 -293.65	279.36 6.18 -148.69	209.24 5.66 -88.31	192.10 2.61 -134.06	57.88 2.14 -12.12	45.20 2.09 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	33.52 1.69 2.26	44.92 1.76 0.00	39.37 1.53 0.00	33.17 1.33 0.00	32.62 1.22 0.00	34.76 1.23 0.00	38.91 1.44 0.00	47.65 1.66 0.00	43.90 2.01 0.00	41.70 2.39 0.00	43.51 2.56 0.89	50.03 2.95 0.00	49.29 3.00 0.00	66.85 4.38 0.00	65.33 4.59 0.00	153.31 10.77 0.00	323.91 21.58 0.00	505.37 33.18 0.00	119.75 7.61 0.00	132.13 7.63 0.00	121.93 6.66 0.00	58.42 2.99 0.00	45.99 2.37 0.00	45.64 2.53 0.00
N.QUEENS_27_KV_LOAD 356247	37.83 2.21 -1.52	45.42 2.26 0.00	39.83 1.98 0.00	33.56 1.72 0.00	33.08 1.68 0.00	35.32 1.79 0.00	39.53 2.06 0.00	48.44 2.46 0.00	44.75 2.86 0.00	42.51 3.20 0.00	45.81 3.38 -0.60	50.89 3.81 0.00	50.09 3.80 0.00	67.90 5.44 0.00	66.32 5.58 0.00	155.16 12.61 0.00	327.40 25.07 0.00	510.50 38.31 0.00	120.96 8.82 0.00	133.26 8.76 -0.01	123.30 8.02 -0.01	59.02 3.58 -0.01	46.70 3.08 0.00	46.37 3.25 0.00
N.TROY___115KV_TB1 355778	36.02 1.67 -0.26	45.16 2.00 0.00	39.57 1.72 0.00	33.37 1.53 0.00	32.91 1.51 0.00	35.07 1.54 0.00	39.06 1.59 0.00	47.89 1.90 0.00	43.54 1.64 0.00	40.89 1.58 0.00	43.52 1.59 -0.10	48.78 1.70 0.00	47.89 1.60 0.00	65.23 2.77 0.00	63.76 3.01 0.00	149.92 7.37 0.00	316.66 14.34 0.00	495.35 23.16 0.00	118.01 5.88 0.00	130.89 6.40 0.00	121.29 6.02 0.00	58.24 2.81 0.00	45.85 2.23 0.00	45.22 2.11 0.00
NARROWS_GT1_1 24228	37.96 2.34 -1.52	45.56 2.40 0.00	39.98 2.14 0.00	33.66 1.82 0.00	33.12 1.72 0.00	35.37 1.84 0.00	39.60 2.13 0.00	48.47 2.48 0.00	44.77 2.88 0.00	42.60 3.29 0.00	45.85 3.42 -0.60	50.95 3.87 0.00	50.13 3.84 0.00	67.91 5.45 0.00	66.33 5.58 0.00	155.43 12.88 0.00	327.97 25.64 0.00	511.18 38.98 0.00	122.04 8.96 -0.95	152.92 8.80 -19.62	256.99 8.22 -133.51	101.83 3.64 -42.76	48.86 3.14 -2.10	46.49 3.38 0.00
NARROWS_GT1_2 24229	37.96 2.34 -1.52	45.56 2.40 0.00	39.98 2.14 0.00	33.66 1.82 0.00	33.12 1.72 0.00	35.37 1.84 0.00	39.60 2.13 0.00	48.47 2.48 0.00	44.77 2.88 0.00	42.60 3.29 0.00	45.85 3.42 -0.60	50.95 3.87 0.00	50.13 3.84 0.00	67.91 5.45 0.00	66.33 5.58 0.00	155.43 12.88 0.00	327.97 25.64 0.00	511.18 38.98 0.00	122.04 8.96 -0.95	152.92 8.80 -19.62	256.99 8.22 -133.51	101.83 3.64 -42.76	48.86 3.14 -2.10	46.49 3.38 0.00
NARROWS_GT1_3 24230	37.96 2.34 -1.52	45.56 2.40 0.00	39.98 2.14 0.00	33.66 1.82 0.00	33.12 1.72 0.00	35.37 1.84 0.00	39.60 2.13 0.00	48.47 2.48 0.00	44.77 2.88 0.00	42.60 3.29 0.00	45.85 3.42 -0.60	50.95 3.87 0.00	50.13 3.84 0.00	67.91 5.45 0.00	66.33 5.58 0.00	155.43 12.88 0.00	327.97 25.64 0.00	511.18 38.98 0.00	122.04 8.96 -0.95	152.92 8.80 -19.62	256.99 8.22 -133.51	101.83 3.64 -42.76	48.86 3.14 -2.10	46.49 3.38 0.00
NARROWS_GT1_4 24231	37.96 2.34 -1.52	45.56 2.40 0.00	39.98 2.14 0.00	33.66 1.82 0.00	33.12 1.72 0.00	35.37 1.84 0.00	39.60 2.13 0.00	48.47 2.48 0.00	44.77 2.88 0.00	42.60 3.29 0.00	45.85 3.42 -0.60	50.95 3.87 0.00	50.13 3.84 0.00	67.91 5.45 0.00	66.33 5.58 0.00	155.43 12.88 0.00	327.97 25.64 0.00	511.18 38.98 0.00	122.04 8.96 -0.95	152.92 8.80 -19.62	256.99 8.22 -133.51	101.83 3.64 -42.76	48.86 3.14 -2.10	46.49 3.38 0.00
NARROWS_GT1_5 24232	37.96 2.34 -1.52	45.56 2.40 0.00	39.98 2.14 0.00	33.66 1.82 0.00	33.12 1.72 0.00	35.37 1.84 0.00	39.60 2.13 0.00	48.47 2.48 0.00	44.77 2.88 0.00	42.60 3.29 0.00	45.85 3.42 -0.60	50.95 3.87 0.00	50.13 3.84 0.00	67.91 5.45 0.00	66.33 5.58 0.00	155.43 12.88 0.00	327.97 25.64 0.00	511.18 38.98 0.00	122.04 8.96 -0.95	152.92 8.80 -19.62	256.99 8.22 -133.51	101.83 3.64 -42.76	48.86 3.14 -2.10	46.49 3.38 0.00

NARROWS_GT1_6 24233	37.96 2.34 -1.52	45.56 2.40 0.00	39.98 2.14 0.00	33.66 1.82 0.00	33.12 1.72 0.00	35.37 1.84 0.00	39.60 2.13 0.00	48.47 2.48 0.00	44.77 2.88 0.00	42.60 3.29 0.00	45.85 3.42 -0.60	50.95 3.87 0.00	50.13 3.84 0.00	67.91 5.45 0.00	66.33 5.58 0.00	155.43 12.88 0.00	327.97 25.64 0.00	511.18 38.98 0.00	122.04 8.96 -0.95	152.92 8.80 -19.62	256.99 8.22 -133.51	101.83 3.64 -42.76	48.86 3.14 -2.10	46.49 3.38 0.00
NARROWS_GT1_7 24234	37.96 2.34 -1.52	45.56 2.40 0.00	39.98 2.14 0.00	33.66 1.82 0.00	33.12 1.72 0.00	35.37 1.84 0.00	39.60 2.13 0.00	48.47 2.48 0.00	44.77 2.88 0.00	42.60 3.29 0.00	45.85 3.42 -0.60	50.95 3.87 0.00	50.13 3.84 0.00	67.91 5.45 0.00	66.33 5.58 0.00	155.43 12.88 0.00	327.97 25.64 0.00	511.18 38.98 0.00	122.04 8.96 -0.95	152.92 8.80 -19.62	256.99 8.22 -133.51	101.83 3.64 -42.76	48.86 3.14 -2.10	46.49 3.38 0.00
NARROWS_GT1_8 24235	37.96 2.34 -1.52	45.56 2.40 0.00	39.98 2.14 0.00	33.66 1.82 0.00	33.12 1.72 0.00	35.37 1.84 0.00	39.60 2.13 0.00	48.47 2.48 0.00	44.77 2.88 0.00	42.60 3.29 0.00	45.85 3.42 -0.60	50.95 3.87 0.00	50.13 3.84 0.00	67.91 5.45 0.00	66.33 5.58 0.00	155.43 12.88 0.00	327.97 25.64 0.00	511.18 38.98 0.00	122.04 8.96 -0.95	152.92 8.80 -19.62	256.99 8.22 -133.51	101.83 3.64 -42.76	48.86 3.14 -2.10	46.49 3.38 0.00
NARROWS_GT2_1 24236	37.96 2.34 -1.52	45.56 2.40 0.00	39.98 2.14 0.00	33.66 1.82 0.00	33.12 1.72 0.00	35.37 1.84 0.00	39.60 2.13 0.00	48.47 2.48 0.00	44.77 2.88 0.00	42.60 3.29 0.00	45.85 3.42 -0.60	50.95 3.87 0.00	50.13 3.84 0.00	67.91 5.45 0.00	66.33 5.58 0.00	155.43 12.88 0.00	327.97 25.64 0.00	511.18 38.98 0.00	122.04 8.96 -0.95	152.92 8.80 -19.62	256.99 8.22 -133.51	101.83 3.64 -42.76	48.86 3.14 -2.10	46.49 3.38 0.00
NARROWS_GT2_2 24237	37.96 2.34 -1.52	45.56 2.40 0.00	39.98 2.14 0.00	33.66 1.82 0.00	33.12 1.72 0.00	35.37 1.84 0.00	39.60 2.13 0.00	48.47 2.48 0.00	44.77 2.88 0.00	42.60 3.29 0.00	45.85 3.42 -0.60	50.95 3.87 0.00	50.13 3.84 0.00	67.91 5.45 0.00	66.33 5.58 0.00	155.43 12.88 0.00	327.97 25.64 0.00	511.18 38.98 0.00	122.04 8.96 -0.95	152.92 8.80 -19.62	256.99 8.22 -133.51	101.83 3.64 -42.76	48.86 3.14 -2.10	46.49 3.38 0.00
NARROWS_GT2_3 24238	37.96 2.34 -1.52	45.56 2.40 0.00	39.98 2.14 0.00	33.66 1.82 0.00	33.12 1.72 0.00	35.37 1.84 0.00	39.60 2.13 0.00	48.47 2.48 0.00	44.77 2.88 0.00	42.60 3.29 0.00	45.85 3.42 -0.60	50.95 3.87 0.00	50.13 3.84 0.00	67.91 5.45 0.00	66.33 5.58 0.00	155.43 12.88 0.00	327.97 25.64 0.00	511.18 38.98 0.00	122.04 8.96 -0.95	152.92 8.80 -19.62	256.99 8.22 -133.51	101.83 3.64 -42.76	48.86 3.14 -2.10	46.49 3.38 0.00
NARROWS_GT2_4 24239	37.96 2.34 -1.52	45.56 2.40 0.00	39.98 2.14 0.00	33.66 1.82 0.00	33.12 1.72 0.00	35.37 1.84 0.00	39.60 2.13 0.00	48.47 2.48 0.00	44.77 2.88 0.00	42.60 3.29 0.00	45.85 3.42 -0.60	50.95 3.87 0.00	50.13 3.84 0.00	67.91 5.45 0.00	66.33 5.58 0.00	155.43 12.88 0.00	327.97 25.64 0.00	511.18 38.98 0.00	122.04 8.96 -0.95	152.92 8.80 -19.62	256.99 8.22 -133.51	101.83 3.64 -42.76	48.86 3.14 -2.10	46.49 3.38 0.00
NARROWS_GT2_5 24240	37.96 2.34 -1.52	45.56 2.40 0.00	39.98 2.14 0.00	33.66 1.82 0.00	33.12 1.72 0.00	35.37 1.84 0.00	39.60 2.13 0.00	48.47 2.48 0.00	44.77 2.88 0.00	42.60 3.29 0.00	45.85 3.42 -0.60	50.95 3.87 0.00	50.13 3.84 0.00	67.91 5.45 0.00	66.33 5.58 0.00	155.43 12.88 0.00	327.97 25.64 0.00	511.18 38.98 0.00	122.04 8.96 -0.95	152.92 8.80 -19.62	256.99 8.22 -133.51	101.83 3.64 -42.76	48.86 3.14 -2.10	46.49 3.38 0.00
NARROWS_GT2_6 24241	37.96 2.34 -1.52	45.56 2.40 0.00	39.98 2.14 0.00	33.66 1.82 0.00	33.12 1.72 0.00	35.37 1.84 0.00	39.60 2.13 0.00	48.47 2.48 0.00	44.77 2.88 0.00	42.60 3.29 0.00	45.85 3.42 -0.60	50.95 3.87 0.00	50.13 3.84 0.00	67.91 5.45 0.00	66.33 5.58 0.00	155.43 12.88 0.00	327.97 25.64 0.00	511.18 38.98 0.00	122.04 8.96 -0.95	152.92 8.80 -19.62	256.99 8.22 -133.51	101.83 3.64 -42.76	48.86 3.14 -2.10	46.49 3.38 0.00
NARROWS_GT2_7 24242	37.96 2.34 -1.52	45.56 2.40 0.00	39.98 2.14 0.00	33.66 1.82 0.00	33.12 1.72 0.00	35.37 1.84 0.00	39.60 2.13 0.00	48.47 2.48 0.00	44.77 2.88 0.00	42.60 3.29 0.00	45.85 3.42 -0.60	50.95 3.87 0.00	50.13 3.84 0.00	67.91 5.45 0.00	66.33 5.58 0.00	155.43 12.88 0.00	327.97 25.64 0.00	511.18 38.98 0.00	122.04 8.96 -0.95	152.92 8.80 -19.62	256.99 8.22 -133.51	101.83 3.64 -42.76	48.86 3.14 -2.10	46.49 3.38 0.00
NARROWS_GT2_8 24243	37.96 2.34 -1.52	45.56 2.40 0.00	39.98 2.14 0.00	33.66 1.82 0.00	33.12 1.72 0.00	35.37 1.84 0.00	39.60 2.13 0.00	48.47 2.48 0.00	44.77 2.88 0.00	42.60 3.29 0.00	45.85 3.42 -0.60	50.95 3.87 0.00	50.13 3.84 0.00	67.91 5.45 0.00	66.33 5.58 0.00	155.43 12.88 0.00	327.97 25.64 0.00	511.18 38.98 0.00	122.04 8.96 -0.95	152.92 8.80 -19.62	256.99 8.22 -133.51	101.83 3.64 -42.76	48.86 3.14 -2.10	46.49 3.38 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	36.26 2.17 0.00	45.81 2.65 0.00	40.06 2.22 0.00	33.75 1.91 0.00	33.28 1.88 0.00	35.50 1.98 0.00	39.57 2.10 0.00	48.51 2.52 0.00	43.78 1.88 0.00	40.87 1.55 0.00	43.08 1.25 0.00	48.31 1.24 0.00	47.34 1.05 0.00	64.64 2.18 0.00	62.95 2.21 0.00	148.62 6.07 0.00	314.57 12.25 0.00	495.60 23.41 0.00	118.71 6.57 0.00	132.32 7.83 0.00	122.56 7.29 0.00	58.73 3.30 0.00	46.18 2.55 0.00	45.73 2.62 0.00
NCHELSEA_115KV_TR2 355582	36.31 2.21 0.00	45.58 2.42 0.00	39.90 2.05 0.00	33.57 1.73 0.00	33.04 1.64 0.00	35.28 1.75 0.00	39.51 2.04 0.00	48.49 2.51 0.00	44.58 2.68 0.00	42.28 2.97 0.00	45.07 3.24 0.00	50.81 3.73 0.00	50.03 3.74 0.00	67.78 5.32 0.00	66.29 5.55 0.00	155.90 13.35 0.00	329.94 27.62 0.00	514.50 42.31 0.00	122.04 9.90 0.00	134.74 10.24 0.00	124.32 9.06 0.00	59.53 4.10 0.00	46.83 3.20 0.00	46.28 3.17 0.00
NEG CAPITAL___MECHNVIL 23645	36.83 2.49 -0.25	46.11 2.95 0.00	40.39 2.54 0.00	34.01 2.17 0.00	33.56 2.16 0.00	35.81 2.28 0.00	39.94 2.48 0.00	49.04 3.06 0.00	44.60 2.70 0.00	41.97 2.66 0.00	44.65 2.72 -0.10	50.07 2.99 0.00	49.19 2.90 0.00	67.08 4.62 0.00	65.58 4.84 0.00	154.19 11.64 0.00	326.72 24.40 0.00	510.57 38.38 0.00	121.91 9.77 0.00	135.29 10.79 0.00	125.33 10.06 0.00	60.13 4.70 0.00	47.19 3.57 0.00	46.43 3.31 0.00
NEG CENTRAL_HIGH_ACRES 23767	34.93 0.83 0.00	43.45 0.29 0.00	37.69 -0.15 0.00	31.37 -0.47 0.00	30.98 -0.42 0.00	33.19 -0.35 0.00	37.28 -0.19 0.00	46.29 0.30 0.00	42.93 1.03 0.00	40.38 1.07 0.00	43.35 1.51 0.00	49.28 2.21 0.00	48.75 2.46 0.00	65.38 2.91 0.00	62.73 1.99 0.00	145.73 3.18 0.00	308.53 6.20 0.00	478.57 6.38 0.00	113.84 1.71 0.00	127.71 3.21 0.00	116.91 1.64 0.00	56.58 1.15 0.00	44.81 1.19 0.00	44.11 0.99 0.00

NEG CENTRAL___DRP 24199	35.39 1.24 -0.05	44.19 0.93 -0.10	38.41 0.57 0.00	32.19 0.35 0.00	31.72 0.32 0.00	34.00 0.47 0.00	38.16 0.69 0.00	48.31 1.24 -1.08	43.63 1.52 -0.22	40.88 1.54 -0.02	43.70 1.82 -0.05	50.16 2.37 -0.71	49.79 2.69 -0.81	68.39 3.20 -2.73	65.60 2.60 -2.26	148.29 5.44 -0.30	314.82 12.40 -0.09	488.17 15.98 0.00	116.60 4.46 0.00	130.11 5.61 -0.01	124.03 4.34 -4.43	59.36 2.29 -1.63	45.55 1.84 -0.08	45.02 1.62 -0.29
NEG CENTRAL___INDECK 23768	35.79 1.70 0.00	44.44 1.28 0.00	38.43 0.59 0.00	31.84 0.00 0.00	31.55 0.15 0.00	33.92 0.39 0.00	38.24 0.78 0.00	47.61 1.63 0.00	43.89 1.99 0.00	41.07 1.76 0.00	44.07 2.24 0.00	50.19 3.11 0.00	49.99 3.70 0.00	65.72 3.26 0.00	61.22 0.48 0.00	144.41 1.86 0.00	304.87 2.54 0.00	475.15 2.96 0.00	112.92 0.78 0.00	127.61 3.11 0.00	115.59 0.33 0.00	56.71 1.28 0.00	46.59 2.97 0.00	45.79 2.67 0.00
NEG CENTRAL___SENECA 23627	35.71 1.59 -0.03	44.44 1.23 -0.05	38.58 0.74 0.00	32.26 0.42 0.00	31.84 0.44 0.00	34.17 0.64 0.00	38.37 0.90 0.00	48.16 1.60 -0.57	44.06 2.05 -0.11	41.36 2.03 -0.01	44.23 2.38 -0.02	50.56 3.10 -0.38	50.20 3.48 -0.43	68.08 4.18 -1.44	65.26 3.32 -1.20	149.65 6.94 -0.16	318.21 15.84 -0.05	492.32 20.14 0.00	117.72 5.59 0.00	131.45 6.95 -0.01	122.86 5.25 -2.34	59.19 2.90 -0.86	45.98 2.31 -0.04	45.33 2.06 -0.15
NEG CENTRAL___STATE_STREET 24147	35.24 1.07 -0.07	44.11 0.81 -0.13	38.46 0.62 0.00	32.25 0.41 0.00	31.82 0.42 0.00	34.05 0.52 0.00	38.18 0.72 0.00	48.56 1.13 -1.44	43.33 1.14 -0.29	40.54 1.20 -0.03	43.38 1.49 -0.06	49.79 1.77 -0.95	49.40 2.03 -1.08	68.60 2.50 -3.64	65.84 2.08 -3.01	147.27 4.32 -0.40	312.32 9.87 -0.12	485.54 13.35 0.00	115.79 3.66 0.00	129.15 4.64 -0.01	125.06 3.89 -5.91	59.52 1.92 -2.18	45.38 1.64 -0.11	44.91 1.41 -0.38
NEG MILLWOOD___DRP 24198	36.91 2.31 -0.50	45.69 2.53 0.00	40.00 2.16 0.00	33.66 1.82 0.00	33.13 1.73 0.00	35.37 1.84 0.00	39.62 2.15 0.00	48.64 2.65 0.00	44.75 2.86 0.00	42.49 3.19 0.00	45.49 3.46 -0.19	51.06 3.98 0.00	50.33 4.04 0.00	68.22 5.76 0.00	66.72 5.98 0.00	156.97 14.42 0.00	332.17 29.84 0.00	517.44 45.25 0.00	122.71 10.58 0.00	135.47 10.97 0.00	124.92 9.65 0.00	59.83 4.40 0.00	47.05 3.43 0.00	46.51 3.40 0.00
NEG NORTH_FLCN_SEA 23793	33.34 -0.76 0.00	42.48 -0.69 0.00	37.37 -0.47 0.00	31.61 -0.23 0.00	31.19 -0.21 0.00	33.26 -0.27 0.00	36.86 -0.61 0.00	45.24 -0.75 0.00	41.29 -0.61 0.00	38.90 -0.42 0.00	41.33 -0.50 0.00	46.34 -0.74 0.00	44.75 -1.54 0.00	59.33 -3.13 0.00	57.25 -3.49 0.00	-102.13 -7.69 236.99	227.41 -9.27 65.64	457.90 -14.29 0.00	109.11 -3.02 0.00	121.10 -3.40 0.00	112.54 -2.73 0.00	53.98 -1.44 0.00	42.84 -0.78 0.00	42.37 -0.74 0.00
NEG NORTH_KES_CHATEGAY 23792	32.97 -1.13 0.00	41.99 -1.17 0.00	36.98 -0.87 0.00	31.26 -0.58 0.00	30.81 -0.59 0.00	32.90 -0.63 0.00	36.62 -0.85 0.00	44.94 -1.05 0.00	40.97 -0.93 0.00	38.45 -0.86 0.00	40.81 -1.02 0.00	45.79 -1.29 0.00	44.54 -1.75 0.00	59.61 -2.86 0.00	57.73 -3.02 0.00	-97.00 -6.63 232.91	227.23 -10.59 64.51	457.02 -15.17 0.00	108.93 -3.20 0.00	121.10 -3.40 0.00	112.48 -2.78 0.00	54.02 -1.41 0.00	42.59 -1.03 0.00	42.06 -1.05 0.00
NEG NORTH___ALICE_FALLS 23915	33.39 -0.71 0.00	42.54 -0.62 0.00	37.44 -0.40 0.00	31.66 -0.18 0.00	31.28 -0.12 0.00	33.36 -0.17 0.00	37.02 -0.45 0.00	45.45 -0.54 0.00	41.47 -0.43 0.00	39.04 -0.27 0.00	41.51 -0.33 0.00	46.60 -0.48 0.00	45.13 -1.16 0.00	59.87 -2.60 0.00	57.79 -2.95 0.00	-100.44 -6.65 236.34	228.78 -8.08 65.46	460.46 -11.73 0.00	109.75 -2.38 0.00	121.84 -2.65 0.00	113.25 -2.02 0.00	54.32 -1.11 0.00	42.97 -0.65 0.00	42.57 -0.54 0.00
NEG NORTH___LWR_SARANAC 23913	33.39 -0.71 0.00	42.54 -0.62 0.00	37.44 -0.40 0.00	31.66 -0.18 0.00	31.28 -0.12 0.00	33.36 -0.17 0.00	37.02 -0.45 0.00	45.45 -0.54 0.00	41.47 -0.43 0.00	39.04 -0.27 0.00	41.51 -0.33 0.00	46.60 -0.48 0.00	45.13 -1.16 0.00	59.87 -2.60 0.00	57.79 -2.95 0.00	-100.44 -6.65 236.34	228.78 -8.08 65.46	460.46 -11.73 0.00	109.75 -2.38 0.00	121.84 -2.65 0.00	113.25 -2.02 0.00	54.32 -1.11 0.00	42.97 -0.65 0.00	42.57 -0.54 0.00
NEG NORTH___PLATTSBURG 23628	33.39 -0.71 0.00	42.55 -0.62 0.00	37.44 -0.40 0.00	31.66 -0.17 0.00	31.28 -0.12 0.00	33.36 -0.17 0.00	37.02 -0.45 0.00	45.45 -0.54 0.00	41.47 -0.43 0.00	39.05 -0.27 0.00	41.51 -0.33 0.00	46.60 -0.48 0.00	45.13 -1.16 0.00	59.87 -2.60 0.00	57.79 -2.95 0.00	-100.44 -6.64 236.34	228.79 -8.08 65.46	460.46 -11.73 0.00	109.75 -2.38 0.00	121.84 -2.65 0.00	113.25 -2.02 0.00	54.32 -1.11 0.00	42.97 -0.65 0.00	42.57 -0.54 0.00
NEG WEST_LEA_LOCKPORT 23791	35.51 1.41 0.00	43.71 0.55 0.00	37.67 -0.17 0.00	31.07 -0.77 0.00	30.74 -0.66 0.00	32.96 -0.57 0.00	37.11 -0.36 0.00	46.39 0.40 0.00	43.66 1.77 0.00	40.74 1.42 0.00	43.88 2.04 0.00	50.05 2.97 0.00	49.50 3.21 0.00	65.73 3.27 0.00	62.39 1.64 0.00	143.55 1.01 0.01	302.68 0.35 0.00	467.40 -4.78 0.00	110.87 -1.25 0.01	125.92 1.42 0.00	114.98 -0.29 0.00	56.25 0.82 0.00	45.16 1.54 0.00	44.67 1.56 0.00
NEG WEST___LANCASTR 23811	35.88 1.78 0.00	44.31 1.15 0.00	38.27 0.42 0.00	31.60 -0.23 0.00	31.28 -0.12 0.00	33.56 0.03 0.00	37.81 0.35 0.00	47.15 1.16 0.00	44.22 2.32 0.00	41.45 2.14 0.00	44.50 2.66 0.00	50.70 3.62 0.00	50.37 4.08 0.00	66.97 4.50 0.00	63.88 3.14 0.00	147.39 4.84 0.00	312.17 9.84 0.00	479.51 7.32 0.00	113.59 1.45 0.00	128.10 3.61 0.00	117.56 2.30 0.00	57.16 1.73 0.00	45.50 1.88 0.00	45.03 1.92 0.00
NEG_PENN_ALLEGHNY 23528	35.21 1.08 -0.03	44.23 1.00 -0.06	38.51 0.66 0.00	32.24 0.40 0.00	31.85 0.45 0.00	34.11 0.58 0.00	38.28 0.81 0.00	47.83 1.18 -0.65	43.39 1.36 -0.13	40.76 1.44 -0.01	43.43 1.57 -0.03	49.54 2.03 -0.43	49.11 2.33 -0.49	66.97 2.86 -1.65	64.63 2.52 -1.36	148.40 5.67 -0.18	315.26 12.88 -0.05	486.95 14.76 0.00	115.78 3.64 0.00	128.66 4.16 -0.01	121.69 3.74 -2.67	58.21 1.80 -0.99	45.11 1.43 -0.05	44.61 1.32 -0.17
NEG___GEN_MONROE 24207	36.54 2.45 0.00	45.06 1.89 0.00	38.92 1.07 0.00	32.18 0.34 0.00	31.74 0.34 0.00	34.04 0.51 0.00	38.31 0.84 0.00	47.62 1.63 0.00	44.43 2.54 0.00	41.58 2.26 0.00	44.66 2.83 0.00	50.84 3.76 0.00	50.54 4.25 0.00	67.45 4.99 0.00	64.86 4.12 0.00	149.27 6.72 0.00	315.62 13.29 0.00	489.10 16.91 0.00	116.53 4.39 0.00	244.35 7.30 -112.56	217.44 5.48 -96.69	62.61 3.05 -4.13	46.56 2.94 0.00	45.81 2.69 0.00
NEPA___ENERGY 23901	36.21 2.12 0.00	44.78 1.62 0.00	38.68 0.84 0.00	31.99 0.15 0.00	31.70 0.30 0.00	34.07 0.54 0.00	38.42 0.96 0.00	47.80 1.81 0.00	44.74 2.84 0.00	42.07 2.76 0.00	45.08 3.25 0.00	51.35 4.28 0.00	51.00 4.71 0.00	67.77 5.30 0.00	64.70 3.95 0.00	149.33 6.78 0.00	318.77 16.44 0.00	484.33 12.14 0.00	114.98 2.84 0.00	128.71 4.22 0.00	118.79 3.53 0.00	57.67 2.24 0.00	45.73 2.11 0.00	45.13 2.02 0.00

NEVERSINK___HYD 23608	35.01 1.24 0.33	44.38 1.22 0.00	38.83 0.98 0.00	32.65 0.81 0.00	32.14 0.74 0.00	34.31 0.78 0.00	38.44 0.97 0.00	47.16 1.17 0.00	43.27 1.37 0.00	41.09 1.78 0.00	43.57 1.87 0.13	49.29 2.21 0.00	48.35 2.06 0.00	63.96 1.50 0.00	62.63 1.89 0.00	147.22 4.67 0.00	312.23 9.90 0.00	487.98 15.79 0.00	116.07 3.94 0.00	128.36 3.87 0.00	118.67 3.40 0.00	58.31 2.88 0.00	45.74 2.12 0.00	45.15 2.04 0.00
NEWKRMKL_115KV_TB1 55635	35.32 0.97 -0.25	44.30 1.14 0.00	38.80 0.96 0.00	32.72 0.88 0.00	32.26 0.86 0.00	34.39 0.86 0.00	38.34 0.87 0.00	47.02 1.03 0.00	42.75 0.85 0.00	40.19 0.88 0.00	42.78 0.85 -0.10	47.95 0.87 0.00	47.09 0.80 0.00	63.96 1.50 0.00	62.42 1.68 0.00	146.87 4.32 0.00	310.57 8.25 0.00	485.78 13.59 0.00	115.48 3.34 0.00	127.93 3.43 0.00	118.48 3.21 0.00	56.83 1.39 0.00	44.78 1.15 0.00	44.28 1.16 0.00
NEWTON___FALLS_HYD 23847	33.28 -0.84 -0.03	42.09 -1.12 -0.05	37.12 -0.73 0.00	31.41 -0.42 0.00	31.05 -0.35 0.00	33.20 -0.33 0.00	37.01 -0.46 0.00	46.11 -0.46 -0.58	41.76 -0.25 -0.11	38.95 -0.37 -0.01	41.49 -0.37 -0.02	46.89 -0.57 -0.38	46.17 -0.55 -0.43	63.07 -0.85 -1.46	61.11 -0.84 -1.21	16.48 -1.14 124.93	265.08 -2.65 34.60	470.82 -1.37 0.00	112.35 0.22 0.00	125.63 1.12 -0.02	119.68 2.04 -2.37	57.02 0.72 -0.87	44.03 0.36 -0.04	43.67 0.40 -0.15
NGRID_A1_DSASP 323792	35.14 1.04 0.00	43.29 0.13 0.00	37.32 -0.53 0.00	30.77 -1.07 0.00	30.45 -0.96 0.00	32.63 -0.90 0.00	36.71 -0.76 0.00	45.88 -0.11 0.00	43.17 1.27 0.00	40.22 0.91 0.00	43.30 1.47 0.00	49.34 2.26 0.00	48.79 2.50 0.00	64.72 2.26 0.00	61.15 0.40 0.00	140.17 -2.37 0.01	295.16 -7.17 0.00	456.37 -15.82 0.00	108.16 -3.98 0.00	123.07 -1.42 0.00	112.13 -3.13 0.02	55.00 -0.43 0.00	44.46 0.84 0.00	44.18 1.06 0.00
NGRID_A2_DSASP 323793	35.14 1.04 0.00	43.29 0.13 0.00	37.32 -0.53 0.00	30.77 -1.07 0.00	30.45 -0.96 0.00	32.63 -0.90 0.00	36.71 -0.76 0.00	45.88 -0.11 0.00	43.17 1.27 0.00	40.22 0.91 0.00	43.30 1.47 0.00	49.34 2.26 0.00	48.79 2.50 0.00	64.72 2.26 0.00	61.15 0.40 0.00	140.17 -2.37 0.01	295.16 -7.17 0.00	456.37 -15.82 0.00	108.16 -3.98 0.00	123.07 -1.42 0.00	112.13 -3.13 0.02	55.00 -0.43 0.00	44.46 0.84 0.00	44.18 1.06 0.00
NGRID_A4_DSASP 323807	35.14 1.04 0.00	43.29 0.13 0.00	37.32 -0.53 0.00	30.77 -1.07 0.00	30.45 -0.96 0.00	32.63 -0.90 0.00	36.71 -0.76 0.00	45.88 -0.11 0.00	43.17 1.27 0.00	40.22 0.91 0.00	43.30 1.47 0.00	49.34 2.26 0.00	48.79 2.50 0.00	64.72 2.26 0.00	61.15 0.40 0.00	140.17 -2.37 0.01	295.16 -7.17 0.00	456.37 -15.82 0.00	108.16 -3.98 0.00	123.07 -1.42 0.00	112.13 -3.13 0.02	55.00 -0.43 0.00	44.46 0.84 0.00	44.18 1.06 0.00
NIAGARA_115E_LBMP 323715	35.23 1.13 0.00	43.37 0.21 0.00	37.37 -0.47 0.00	30.84 -0.99 0.00	30.52 -0.88 0.00	32.71 -0.82 0.00	36.82 -0.65 0.00	46.01 0.02 0.00	43.25 1.35 0.00	40.32 1.00 0.00	43.40 1.57 0.00	49.47 2.40 0.00	48.95 2.66 0.00	64.95 2.49 0.00	61.63 0.89 0.00	141.82 -0.73 0.00	298.76 -3.56 0.00	461.68 -10.51 0.00	109.50 -2.64 0.00	124.45 -0.04 0.00	113.47 -1.79 0.00	55.59 0.16 0.00	44.70 1.08 0.00	44.25 1.14 0.00
NIAGARA_115W_LBMP 323714	35.06 0.96 0.00	43.20 0.04 0.00	37.24 -0.60 0.00	30.71 -1.13 0.00	30.38 -1.02 0.00	32.56 -0.97 0.00	36.63 -0.84 0.00	45.77 -0.22 0.00	43.06 1.16 0.00	40.12 0.80 0.00	43.19 1.36 0.00	49.21 2.13 0.00	48.67 2.38 0.00	64.54 2.08 0.00	60.97 0.22 0.00	139.78 -2.76 0.01	294.45 -7.87 0.00	455.19 -17.00 0.00	107.87 -4.27 0.00	122.71 -1.79 0.00	111.80 -3.46 0.01	54.84 -0.59 0.00	44.35 0.73 0.00	44.09 0.97 0.00
NIAGARA_230_LBMP 323716	35.25 1.16 0.00	43.46 0.30 0.00	37.49 -0.36 0.00	30.93 -0.91 0.00	30.59 -0.81 0.00	32.78 -0.75 0.00	36.88 -0.58 0.00	46.07 0.08 0.00	43.33 1.43 0.00	40.42 1.11 0.00	43.49 1.66 0.00	49.57 2.49 0.00	48.99 2.70 0.00	65.04 2.58 0.00	61.74 0.99 0.00	142.12 -0.43 0.00	299.34 -2.99 0.00	462.17 -10.02 0.00	109.74 -2.40 0.00	124.68 0.18 0.00	113.63 -1.64 0.00	55.63 0.20 0.00	44.69 1.07 0.00	44.26 1.14 0.00
NIAGARA___115KV_198_GIBSON 55903	35.06 0.96 0.00	43.20 0.04 0.00	37.24 -0.60 0.00	30.71 -1.13 0.00	30.38 -1.02 0.00	32.56 -0.97 0.00	36.63 -0.84 0.00	45.77 -0.22 0.00	43.06 1.17 0.00	40.12 0.81 0.00	43.19 1.36 0.00	49.21 2.12 0.00	48.66 2.37 0.00	64.54 2.07 0.00	60.98 0.24 0.00	139.87 -2.67 0.01	294.71 -7.62 0.00	455.80 -16.38 0.00	107.90 -4.24 0.00	122.71 -1.79 0.00	111.82 -3.44 0.01	54.85 -0.58 0.00	44.35 0.73 0.00	44.09 0.97 0.00
NIAGARA____ 23760	35.25 1.16 0.00	43.46 0.30 0.00	37.49 -0.36 0.00	30.93 -0.91 0.00	30.59 -0.81 0.00	32.78 -0.75 0.00	36.88 -0.58 0.00	46.07 0.08 0.00	43.33 1.43 0.00	40.42 1.11 0.00	43.49 1.66 0.00	49.57 2.49 0.00	48.99 2.70 0.00	65.04 2.58 0.00	61.74 0.99 0.00	142.11 -0.43 0.00	299.34 -2.99 0.00	462.17 -10.02 0.00	109.74 -2.40 0.00	124.68 0.18 0.00	113.62 -1.64 0.00	55.63 0.20 0.00	44.69 1.07 0.00	44.26 1.14 0.00
NINE_MILE_1 23575	33.00 -0.61 0.48	41.28 -0.98 0.90	36.88 -0.96 0.00	30.95 -0.89 0.00	30.54 -0.86 0.00	32.65 -0.88 0.00	36.55 -0.92 0.00	35.24 -1.02 9.73	39.18 -0.78 1.94	38.43 -0.67 0.21	40.78 -0.65 0.41	40.06 -0.63 6.39	38.52 -0.51 7.26	37.16 -0.77 24.54	39.52 -0.91 20.32	137.52 -2.32 2.71	296.42 -5.11 0.80	463.42 -8.77 0.00	110.17 -1.97 0.00	122.58 -1.82 0.09	73.45 -2.01 39.81	39.81 -0.95 14.66	42.17 -0.70 0.76	39.77 -0.75 2.59
NINE_MILE_2 23744	33.00 -0.61 0.49	41.27 -0.98 0.91	36.88 -0.96 0.00	30.95 -0.89 0.00	30.54 -0.86 0.00	32.65 -0.88 0.00	36.55 -0.92 0.00	35.09 -1.02 9.87	39.15 -0.78 1.97	38.42 -0.67 0.21	40.76 -0.66 0.41	39.96 -0.63 6.48	38.41 -0.51 7.37	36.78 -0.78 24.91	39.21 -0.91 20.63	137.48 -2.32 2.75	296.41 -5.11 0.81	463.42 -8.77 0.00	110.17 -1.97 0.00	122.58 -1.82 0.09	72.85 -2.01 40.41	39.59 -0.95 14.88	42.16 -0.70 0.77	39.72 -0.76 2.63
NM_CAPITAL___DRP 24208	35.36 1.01 -0.25	44.34 1.18 0.00	38.85 1.00 0.00	32.77 0.93 0.00	32.31 0.91 0.00	34.44 0.90 0.00	38.37 0.90 0.00	47.05 1.07 0.00	42.78 0.89 0.00	40.22 0.91 0.00	42.80 0.87 -0.10	47.97 0.90 0.00	47.11 0.82 0.00	64.00 1.54 0.00	62.48 1.74 0.00	146.96 4.42 0.00	310.88 8.55 0.00	486.25 14.07 0.00	115.62 3.48 0.00	128.15 3.65 0.00	118.62 3.36 0.00	56.92 1.49 0.00	44.85 1.22 0.00	44.35 1.23 0.00
NM_CENTRAL___DRP 24181	34.47 0.33 -0.05	43.38 0.13 -0.09	37.80 -0.05 0.00	31.70 -0.14 0.00	31.29 -0.11 0.00	33.47 -0.06 0.00	37.52 0.05 0.00	47.15 0.22 -0.94	42.52 0.43 -0.19	39.85 0.52 -0.02	42.54 0.67 -0.04	48.64 0.95 -0.62	48.11 1.12 -0.70	66.23 1.41 -2.36	63.86 1.16 -1.96	145.06 2.25 -0.26	307.35 4.95 -0.08	478.23 6.05 0.00	113.74 1.60 0.00	126.66 2.15 -0.01	120.68 1.59 -3.83	57.58 0.74 -1.41	44.26 0.57 -0.07	43.80 0.43 -0.25

NM_FRONTIER___DRP 24179	35.06 0.96 0.00	43.20 0.04 0.00	37.24 -0.60 0.00	30.71 -1.13 0.00	30.38 -1.02 0.00	32.56 -0.97 0.00	36.63 -0.84 0.00	45.77 -0.22 0.00	43.06 1.17 0.00	40.12 0.81 0.00	43.19 1.36 0.00	49.21 2.12 0.00	48.66 2.37 0.00	64.54 2.07 0.00	60.98 0.24 0.00	139.87 -2.67 0.01	294.71 -7.62 0.00	455.80 -16.38 0.00	107.90 -4.24 0.00	122.71 -1.79 0.00	111.82 -3.44 0.01	54.85 -0.58 0.00	44.35 0.73 0.00	44.09 0.97 0.00
NM_ST_REGIS___HYD 24053	32.84 -1.27 -0.01	41.77 -1.42 -0.02	36.82 -1.03 0.00	31.11 -0.73 0.00	30.60 -0.80 0.00	32.61 -0.92 0.00	36.33 -1.14 0.00	44.86 -1.39 -0.26	40.66 -1.29 -0.05	37.95 -1.36 -0.01	40.29 -1.55 -0.01	45.29 -1.96 -0.17	44.33 -2.16 -0.20	60.02 -3.11 -0.67	58.17 -3.12 -0.55	-60.40 -7.51 195.43	234.35 -13.85 54.13	453.37 -18.82 0.00	107.40 -4.73 0.00	119.47 -5.02 0.00	112.76 -3.59 -1.08	53.96 -1.87 -0.40	42.14 -1.50 -0.02	42.01 -1.18 -0.07
NORTHPORT___1 23551	48.75 2.32 -12.33	57.03 2.66 -11.21	53.19 2.38 -12.97	56.97 2.02 -23.10	54.98 1.92 -21.66	48.02 1.99 -12.49	39.72 2.26 0.00	47.87 1.88 0.00	44.60 2.71 0.00	42.36 3.04 0.00	45.75 3.31 -0.60	50.42 3.35 0.00	50.24 3.38 -0.58	66.51 4.25 0.20	85.46 4.84 -19.89	190.61 12.31 -35.75	411.85 24.50 -85.03	504.97 36.52 3.73	139.51 8.09 -19.29	157.71 8.77 -24.44	157.43 8.34 -33.82	93.29 3.78 -34.08	45.72 2.70 0.60	45.42 2.32 0.01
NORTHPORT___2 23552	48.75 2.32 -12.33	57.03 2.66 -11.21	53.19 2.38 -12.97	56.97 2.02 -23.10	54.98 1.92 -21.66	48.02 1.99 -12.49	39.72 2.26 0.00	47.87 1.88 0.00	44.60 2.71 0.00	42.36 3.04 0.00	45.75 3.31 -0.60	50.42 3.35 0.00	49.76 3.38 -0.10	49.50 4.25 17.22	48.87 4.84 16.71	103.79 12.31 51.07	191.42 24.50 135.41	277.89 36.52 230.82	30.43 8.09 89.80	116.73 8.77 16.54	119.51 8.34 4.09	44.51 3.78 14.71	25.92 2.70 20.40	45.04 2.32 0.39
NORTHPORT___3 23553	48.67 2.24 -12.33	56.93 2.56 -11.21	53.09 2.27 -12.97	56.88 1.93 -23.10	54.92 1.86 -21.66	47.97 1.95 -12.49	39.69 2.22 0.00	47.93 1.95 0.00	44.59 2.69 0.00	42.34 3.02 0.00	45.69 3.25 -0.60	50.27 3.20 0.00	49.68 3.29 -0.10	49.61 4.34 17.20	50.86 4.85 14.74	100.48 11.97 54.03	192.43 23.92 133.81	277.62 35.75 230.32	30.20 7.87 89.81	116.09 8.14 16.55	118.60 7.43 4.09	44.06 3.33 14.70	25.64 2.43 20.40	44.88 2.16 0.40
NORTHPORT___4 23650	48.67 2.24 -12.33	56.93 2.56 -11.21	53.09 2.27 -12.97	56.88 1.93 -23.10	54.92 1.86 -21.66	47.97 1.95 -12.49	39.69 2.22 0.00	47.93 1.95 0.00	44.59 2.69 0.00	42.34 3.02 0.00	45.69 3.25 -0.60	50.27 3.20 0.00	49.68 3.29 -0.10	49.61 4.34 17.20	50.86 4.85 14.74	100.48 11.97 54.03	192.43 23.92 133.81	277.62 35.75 230.32	30.20 7.87 89.81	116.09 8.14 16.55	118.60 7.43 4.09	44.06 3.33 14.70	25.64 2.43 20.40	44.88 2.16 0.40
NORTHPORT___IC 23718	48.74 2.32 -12.33	57.03 2.66 -11.21	53.19 2.38 -12.97	56.97 2.02 -23.10	54.98 1.92 -21.66	48.01 1.99 -12.49	39.72 2.26 0.00	47.87 1.88 0.00	44.60 2.70 0.00	42.36 3.04 0.00	45.75 3.31 -0.60	50.43 3.35 0.00	49.77 3.39 -0.10	49.50 4.25 17.22	48.87 4.84 16.71	103.80 12.31 51.07	191.42 24.50 135.41	277.90 36.53 230.82	30.42 8.09 89.80	116.73 8.77 16.54	119.52 8.34 4.09	44.50 3.78 14.71	25.92 2.70 20.40	45.04 2.32 0.39
NORTH___COUNTRY_ESR 323785	32.85 -1.24 0.00	41.87 -1.29 0.00	36.88 -0.96 0.00	31.18 -0.66 0.00	30.74 -0.66 0.00	32.83 -0.71 0.00	36.51 -0.96 0.00	44.85 -1.14 0.00	40.92 -0.98 0.00	38.41 -0.90 0.00	40.80 -1.04 0.00	45.73 -1.35 0.00	44.51 -1.78 0.00	59.59 -2.87 0.00	57.70 -3.05 0.00	-97.04 -6.76 232.82	226.96 -10.88 64.49	456.24 -15.95 0.00	108.58 -3.56 0.00	120.50 -4.00 0.00	111.82 -3.44 0.00	53.77 -1.66 0.00	42.39 -1.24 0.00	41.88 -1.23 0.00
NPX_GEN_1385_PROXY 323591	45.90 1.65 -10.14	56.48 2.10 -11.21	52.80 1.98 -12.97	56.67 1.72 -23.10	54.73 1.68 -21.66	47.38 1.36 -12.49	39.00 1.53 0.00	46.23 0.52 0.27	43.80 1.90 0.00	41.75 2.43 0.00	45.09 2.66 -0.60	49.87 2.79 0.00	49.84 3.07 -0.49	63.76 4.60 3.30	92.25 5.43 -26.08	149.74 16.16 8.97	380.52 33.31 -44.88	478.09 50.99 45.09	122.70 11.13 0.57	363.22 12.60 -226.13	288.09 11.86 -160.97	232.35 5.47 -171.45	43.24 3.83 4.21	45.87 2.84 0.08
NPX_GEN_CSC 323557	47.36 3.12 -10.14	57.93 3.56 -11.21	53.97 3.15 -12.97	57.69 2.75 -23.10	55.74 2.69 -21.66	48.81 2.79 -12.49	40.56 3.10 0.00	47.45 1.74 0.27	44.57 2.68 0.00	42.34 3.03 0.00	45.75 3.31 -0.60	50.79 3.71 0.00	51.02 3.89 -0.84	68.03 5.21 -0.36	102.41 5.82 -35.85	168.47 14.34 -11.58	425.08 29.40 -93.35	519.82 43.92 -3.71	146.27 9.69 -24.44	183.26 10.43 -48.34	187.37 9.94 -62.16	106.93 4.50 -47.00	46.80 3.17 0.00	45.80 2.69 0.00
NSINS_S_GLNS_FALLS 23858	37.07 2.73 -0.24	46.39 3.23 0.00	40.71 2.87 0.00	34.29 2.45 0.00	33.90 2.50 0.00	36.19 2.66 0.00	40.32 2.86 0.00	49.52 3.53 0.00	44.98 3.09 0.00	42.32 3.01 0.00	44.85 2.92 -0.09	50.39 3.31 0.00	49.58 3.29 0.00	67.61 5.15 0.00	65.92 5.18 0.00	155.45 12.91 0.00	329.37 27.04 0.00	513.55 41.36 0.00	123.16 11.02 0.00	136.87 12.37 0.00	127.10 11.83 0.00	61.02 5.58 0.00	47.82 4.19 0.00	46.96 3.84 0.00
NUCOR_STEEL___DRP 24197	35.18 1.01 -0.08	44.04 0.73 -0.14	38.41 0.57 0.00	32.21 0.37 0.00	31.79 0.39 0.00	34.00 0.47 0.00	38.13 0.66 0.00	48.59 1.06 -1.54	43.22 1.01 -0.31	40.44 1.09 -0.03	43.23 1.33 -0.07	49.63 1.54 -1.01	49.20 1.76 -1.15	68.50 2.14 -3.90	65.75 1.79 -3.23	146.61 3.64 -0.43	310.63 8.18 -0.13	483.04 10.86 0.00	115.16 3.02 0.00	128.41 3.90 -0.01	124.81 3.22 -6.32	59.37 1.61 -2.33	45.21 1.47 -0.12	44.79 1.27 -0.41
NUMBER_THREE_WT_PWR 323818	33.73 -0.40 -0.03	42.55 -0.68 -0.06	37.68 -0.17 0.00	31.99 0.15 0.00	31.78 0.37 0.00	34.10 0.57 0.00	37.91 0.45 0.00	47.35 0.68 -0.69	42.96 0.92 -0.14	40.21 0.88 -0.02	42.77 0.91 -0.03	48.39 0.86 -0.45	47.73 0.93 -0.51	65.21 1.02 -1.73	63.20 1.02 -1.43	97.63 3.03 47.95	295.35 6.30 13.28	485.10 12.91 0.00	116.30 4.16 0.00	130.05 5.54 -0.01	123.93 5.85 -2.81	59.09 2.62 -1.03	45.49 1.81 -0.05	44.91 1.61 -0.18
NYISO_LBMP_REFERENCE 24008	34.10 0.00 0.00	43.16 0.00 0.00	37.84 0.00 0.00	31.84 0.00 0.00	31.40 0.00 0.00	33.53 0.00 0.00	37.47 0.00 0.00	45.99 0.00 0.00	41.90 0.00 0.00	39.31 0.00 0.00	41.83 0.00 0.00	47.08 0.00 0.00	46.29 0.00 0.00	62.46 0.00 0.00	60.74 0.00 0.00	142.55 0.00 0.00	302.33 0.00 0.00	472.19 0.00 0.00	112.14 0.00 0.00	124.50 0.00 0.00	115.27 0.00 0.00	55.43 0.00 0.00	43.62 0.00 0.00	43.11 0.00 0.00
NYPA_BRENTWD____GT 24164	49.46 3.03 -12.33	57.81 3.44 -11.21	53.82 3.01 -12.97	57.49 2.54 -23.10	55.40 2.35 -21.66	48.57 2.55 -12.49	40.36 2.89 0.00	48.67 2.68 0.00	45.38 3.48 0.00	43.15 3.83 0.00	46.61 4.17 -0.60	51.56 4.47 -0.01	52.74 4.46 -1.98	68.31 5.43 -0.42	92.12 5.97 -25.41	196.68 14.79 -39.34	427.21 29.98 -94.90	521.30 45.16 -3.95	137.81 10.04 -15.63	153.99 10.91 -18.58	154.32 10.74 -28.31	97.31 5.04 -36.85	47.38 3.75 0.00	46.49 3.38 0.00

OAKDALE___35_KV_LOAD 356122	35.07 0.94 -0.03	44.06 0.84 -0.06	38.38 0.53 0.00	32.14 0.30 0.00	31.75 0.35 0.00	33.99 0.46 0.00	38.14 0.67 0.00	47.62 1.00 -0.64	43.19 1.16 -0.13	40.58 1.26 -0.01	43.24 1.38 -0.03	49.29 1.79 -0.42	48.82 2.06 -0.47	66.55 2.49 -1.60	64.24 2.17 -1.33	147.50 4.77 -0.18	313.40 11.02 -0.05	484.20 12.01 0.00	115.09 2.96 0.00	127.90 3.40 -0.01	120.90 3.03 -2.60	57.85 1.46 -0.96	44.87 1.19 -0.05	44.39 1.11 -0.17
OCC_CHEM___DRP 24175	35.14 1.04 0.00	43.29 0.13 0.00	37.32 -0.52 0.00	30.77 -1.07 0.00	30.45 -0.96 0.00	32.63 -0.90 0.00	36.71 -0.76 0.00	45.87 -0.12 0.00	43.17 1.28 0.00	40.22 0.91 0.00	43.31 1.48 0.00	49.34 2.26 0.00	48.79 2.50 0.00	64.71 2.25 0.00	61.16 0.42 0.00	140.28 -2.26 0.01	295.51 -6.81 0.00	456.85 -15.34 0.00	108.18 -3.96 0.00	123.07 -1.43 0.00	112.14 -3.11 0.02	54.99 -0.44 0.00	44.45 0.83 0.00	44.18 1.07 0.00
OH_GEN_PROXY 24063	33.04 1.14 2.19	43.46 0.30 0.00	37.49 -0.35 0.00	30.93 -0.90 0.00	30.60 -0.79 0.00	32.80 -0.73 0.00	36.91 -0.56 0.00	45.79 0.07 0.27	302.56 1.41 -259.25	40.45 1.14 0.00	43.52 1.69 0.00	49.60 2.52 0.00	49.04 2.75 0.00	65.13 2.67 0.00	173.42 1.10 -111.57	113.48 -0.16 28.91	300.03 -2.29 0.00	462.80 -9.38 0.00	109.96 -2.18 0.00	124.80 0.30 0.00	113.84 -1.42 0.00	55.69 0.26 0.00	44.67 1.05 0.00	44.20 1.09 0.00
OLIN_CORP_DRP 24177	35.26 1.17 0.00	43.43 0.27 0.00	37.42 -0.42 0.00	30.89 -0.95 0.00	30.56 -0.84 0.00	32.76 -0.77 0.00	36.86 -0.61 0.00	46.05 0.06 0.00	43.30 1.41 0.00	40.39 1.08 0.00	43.47 1.64 0.00	49.55 2.47 0.00	49.01 2.72 0.00	65.03 2.57 0.00	61.72 0.98 0.00	142.07 -0.48 0.00	299.48 -2.85 0.00	462.79 -9.39 0.00	109.67 -2.47 0.00	124.68 0.18 0.00	113.64 -1.63 0.00	55.67 0.24 0.00	44.75 1.12 0.00	44.29 1.18 0.00
OLIN_CORP_DSASP 323712	35.14 1.04 0.00	43.29 0.13 0.00	37.32 -0.53 0.00	30.77 -1.07 0.00	30.45 -0.96 0.00	32.63 -0.90 0.00	36.71 -0.76 0.00	45.88 -0.11 0.00	43.17 1.27 0.00	40.22 0.91 0.00	43.30 1.47 0.00	49.34 2.26 0.00	48.79 2.50 0.00	64.72 2.26 0.00	61.15 0.40 0.00	140.17 -2.37 0.01	295.16 -7.17 0.00	456.37 -15.82 0.00	108.16 -3.98 0.00	123.07 -1.42 0.00	112.13 -3.13 0.02	55.00 -0.43 0.00	44.46 0.84 0.00	44.18 1.06 0.00
ONEIDA_HERK_LFGE 323681	34.68 0.56 -0.02	43.75 0.55 -0.03	38.45 0.60 0.00	32.46 0.62 0.00	32.10 0.70 0.00	34.38 0.85 0.00	38.39 0.92 0.00	47.59 1.23 -0.37	43.23 1.26 -0.07	40.54 1.22 -0.01	43.14 1.29 -0.02	48.75 1.43 -0.24	48.06 1.49 -0.28	65.39 1.98 -0.94	63.43 1.91 -0.78	133.11 4.77 14.21	308.84 10.44 3.94	489.35 17.16 0.00	116.92 4.79 0.00	130.27 5.77 -0.01	122.45 5.65 -1.54	58.61 2.61 -0.57	45.53 1.88 -0.03	44.88 1.67 -0.10
ONEIDA___115KV_TB4 55905	35.40 1.28 -0.03	44.60 1.39 -0.05	38.99 1.14 0.00	32.78 0.94 0.00	32.37 0.98 0.00	34.66 1.13 0.00	38.82 1.35 0.00	48.26 1.75 -0.51	43.68 1.68 -0.10	40.95 1.63 -0.01	43.61 1.76 -0.02	49.53 2.11 -0.34	48.88 2.20 -0.38	66.76 3.00 -1.30	64.66 2.84 -1.08	149.43 6.74 -0.14	317.52 15.15 -0.04	494.89 22.71 0.00	118.05 5.92 0.00	131.40 6.90 0.00	123.98 6.61 -2.11	59.31 3.10 -0.78	45.95 2.29 -0.04	45.30 2.05 -0.14
ONONDAGA_REF_OCCRA 23987	34.71 0.56 -0.06	43.68 0.42 -0.10	38.04 0.20 0.00	31.91 0.07 0.00	31.49 0.09 0.00	33.70 0.17 0.00	37.76 0.30 0.00	47.63 0.52 -1.12	42.81 0.69 -0.22	40.07 0.74 -0.02	42.76 0.87 -0.05	48.99 1.17 -0.74	48.48 1.35 -0.84	67.02 1.72 -2.84	64.57 1.48 -2.35	145.96 3.10 -0.31	309.41 6.99 -0.09	481.11 8.93 0.00	114.58 2.44 0.00	127.54 3.03 -0.01	122.36 2.49 -4.60	58.29 1.16 -1.69	44.59 0.88 -0.09	44.13 0.72 -0.30
ONONDAGA___COGEN 23986	34.67 0.49 -0.08	43.65 0.32 -0.16	37.98 0.14 0.00	31.86 0.03 0.00	31.45 0.05 0.00	33.65 0.12 0.00	37.72 0.25 0.00	48.17 0.46 -1.72	42.81 0.57 -0.34	39.93 0.58 -0.04	42.59 0.69 -0.07	49.06 0.85 -1.13	48.56 0.98 -1.28	67.98 1.17 -4.34	65.30 0.96 -3.60	145.02 1.99 -0.48	307.04 4.57 -0.14	477.76 5.57 0.00	113.73 1.59 0.00	126.67 2.15 -0.02	123.89 1.58 -7.05	58.77 0.75 -2.60	44.35 0.59 -0.13	44.00 0.43 -0.46
ONTARIO___LFGE 23819	35.70 1.58 -0.03	44.44 1.23 -0.05	38.58 0.74 0.00	32.26 0.42 0.00	31.84 0.44 0.00	34.17 0.64 0.00	38.37 0.90 0.00	48.16 1.60 -0.57	44.06 2.04 -0.11	41.35 2.03 -0.01	44.23 2.38 -0.02	50.55 3.10 -0.38	50.20 3.48 -0.43	68.08 4.17 -1.44	65.25 3.32 -1.20	149.60 6.89 -0.16	318.17 15.79 -0.05	492.16 19.98 0.00	117.72 5.59 0.00	131.45 6.94 -0.01	122.86 5.25 -2.34	59.19 2.90 -0.86	45.98 2.31 -0.04	45.33 2.06 -0.15
ORANGEVILLE_WT_PWR 323706	35.52 1.42 0.00	43.99 0.83 0.00	38.02 0.18 0.00	31.50 -0.34 0.00	31.24 -0.16 0.00	33.55 0.02 0.00	37.78 0.31 0.00	47.16 1.17 0.00	44.16 2.26 0.00	41.41 2.10 0.00	44.41 2.58 0.00	50.62 3.54 0.00	50.21 3.92 0.00	66.77 4.30 0.00	63.64 2.90 0.00	147.21 4.66 0.00	312.14 9.81 0.00	479.77 7.58 0.00	114.00 1.86 0.00	128.42 3.92 0.00	117.77 2.50 0.00	57.33 1.90 0.00	45.65 2.02 0.00	45.15 2.04 0.00
ORANGEVILLE___ESR 323794	35.52 1.42 0.00	43.99 0.83 0.00	38.02 0.18 0.00	31.50 -0.34 0.00	31.24 -0.16 0.00	33.55 0.02 0.00	37.78 0.31 0.00	47.16 1.17 0.00	44.16 2.26 0.00	41.41 2.10 0.00	44.41 2.58 0.00	50.62 3.54 0.00	50.21 3.92 0.00	66.77 4.30 0.00	63.64 2.90 0.00	147.21 4.66 0.00	312.14 9.81 0.00	479.77 7.58 0.00	114.00 1.86 0.00	128.42 3.92 0.00	117.77 2.50 0.00	57.33 1.90 0.00	45.65 2.02 0.00	45.15 2.04 0.00
OSWEGATCHIE___HYD 24044	33.28 -0.84 -0.03	42.10 -1.12 -0.05	37.11 -0.73 0.00	31.41 -0.43 0.00	31.05 -0.35 0.00	33.20 -0.33 0.00	37.01 -0.46 0.00	46.11 -0.46 -0.58	41.76 -0.25 -0.11	38.95 -0.37 -0.01	41.49 -0.37 -0.02	46.89 -0.57 -0.38	46.17 -0.55 -0.43	63.07 -0.85 -1.46	61.11 -0.84 -1.21	16.48 -1.14 124.93	265.08 -2.65 34.60	470.87 -1.32 0.00	112.35 0.22 0.00	125.63 1.11 -0.02	119.68 2.04 -2.37	57.02 0.72 -0.87	44.03 0.36 -0.04	43.67 0.40 -0.15
OSWEGO___5 23606	34.15 -0.30 -0.36	43.22 -0.61 -0.67	37.19 -0.65 0.00	31.21 -0.63 0.00	30.81 -0.60 0.00	32.93 -0.60 0.00	36.87 -0.60 0.00	52.62 -0.61 -7.24	42.94 -0.40 -1.44	39.15 -0.32 -0.16	41.86 -0.28 -0.30	51.64 -0.20 -4.75	51.62 -0.07 -5.40	80.54 -0.20 -18.27	75.52 -0.36 -15.13	143.43 -1.13 -2.02	300.54 -2.38 -0.60	467.46 -4.72 0.00	111.16 -0.98 0.00	123.87 -0.70 -0.07	143.94 -0.97 -29.64	65.90 -0.45 -10.92	43.88 -0.31 -0.57	44.67 -0.37 -1.93
OSWEGO___6 23613	34.15 -0.30 -0.36	43.22 -0.61 -0.65	37.19 -0.65 0.00	31.21 -0.63 0.00	30.81 -0.60 0.00	32.93 -0.60 0.00	36.87 -0.60 0.00	52.62 -0.61 -7.24	42.94 -0.40 -1.44	39.15 -0.32 -0.16	41.86 -0.28 -0.30	51.64 -0.20 -4.75	51.62 -0.07 -5.40	80.54 -0.20 -18.27	75.52 -0.36 -15.13	143.43 -1.13 -2.02	300.54 -2.38 -0.60	467.46 -4.72 0.00	111.16 -0.98 0.00	123.87 -0.70 -0.07	143.94 -0.97 -29.64	65.90 -0.45 -10.92	43.88 -0.31 -0.57	44.67 -0.37 -1.93

OUTOKUMPU-AB___DRP 24206	36.05 1.95 0.00	44.40 1.23 0.00	38.24 0.40 0.00	31.53 -0.31 0.00	31.20 -0.21 0.00	33.46 -0.07 0.00	37.67 0.20 0.00	47.07 1.08 0.00	44.37 2.47 0.00	41.45 2.14 0.00	44.67 2.84 0.00	50.88 3.80 0.00	50.29 4.00 0.00	66.81 4.34 0.00	63.37 2.62 0.00	145.68 3.12 -0.01	307.22 4.89 0.00	473.85 1.67 0.00	112.32 0.18 0.00	127.43 2.93 0.00	116.62 1.34 -0.02	56.94 1.52 0.00	45.82 2.20 0.00	45.42 2.30 0.00
OXBOW___BTM 323836	35.65 1.55 0.00	43.91 0.75 0.00	37.82 -0.03 0.00	31.18 -0.66 0.00	30.86 -0.55 0.00	33.07 -0.46 0.00	37.23 -0.24 0.00	46.53 0.54 0.00	43.83 1.93 0.00	40.90 1.59 0.00	44.08 2.25 0.00	50.23 3.15 0.00	49.67 3.38 0.00	65.94 3.48 0.00	62.43 1.68 0.00	143.13 0.57 -0.01	300.56 -1.77 0.00	463.99 -8.19 0.00	110.08 -2.06 0.00	125.07 0.57 0.00	114.68 -0.60 -0.02	56.11 0.68 0.00	45.24 1.62 0.00	44.88 1.77 0.00
OXBOW___ 24026	35.64 1.54 0.00	43.91 0.74 0.00	37.82 -0.03 0.00	31.18 -0.66 0.00	30.85 -0.55 0.00	33.07 -0.46 0.00	37.23 -0.24 0.00	46.53 0.54 0.00	43.83 1.93 0.00	40.90 1.60 0.00	44.08 2.25 0.00	50.23 3.15 0.00	49.67 3.38 0.00	65.94 3.48 0.00	62.45 1.70 0.00	143.17 0.61 -0.01	300.81 -1.52 0.00	464.52 -7.66 0.00	110.09 -2.05 0.00	125.06 0.57 0.00	114.72 -0.57 -0.02	56.12 0.69 0.00	45.24 1.62 0.00	44.88 1.77 0.00
OXY_CHEM_DSASP 323612	35.14 1.04 0.00	43.29 0.13 0.00	37.32 -0.52 0.00	30.77 -1.07 0.00	30.45 -0.96 0.00	32.63 -0.90 0.00	36.71 -0.76 0.00	45.87 -0.12 0.00	43.17 1.28 0.00	40.22 0.91 0.00	43.31 1.48 0.00	49.34 2.26 0.00	48.79 2.50 0.00	64.71 2.25 0.00	61.16 0.42 0.00	140.28 -2.26 0.01	295.51 -6.81 0.00	456.85 -15.34 0.00	108.18 -3.96 0.00	123.07 -1.43 0.00	112.14 -3.11 0.02	54.99 -0.44 0.00	44.45 0.83 0.00	44.18 1.07 0.00
OZONE_PARK_ESR 323760	38.34 2.72 -1.52	46.11 2.94 0.00	40.36 2.52 0.00	33.97 2.13 0.00	33.41 2.01 0.00	35.67 2.13 0.00	39.99 2.52 0.00	49.05 3.06 0.00	45.30 3.40 0.00	43.12 3.81 0.00	46.46 4.03 -0.60	51.64 4.56 0.00	50.82 4.53 0.00	68.82 6.36 0.00	67.24 6.50 0.00	157.79 15.24 0.00	332.64 30.31 0.00	518.27 46.08 0.00	122.88 10.74 0.00	135.56 11.06 0.00	125.29 10.02 0.00	60.04 4.61 0.00	47.40 3.77 0.00	47.02 3.91 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	35.14 1.04 0.00	43.29 0.13 0.00	37.32 -0.52 0.00	30.77 -1.07 0.00	30.45 -0.96 0.00	32.63 -0.90 0.00	36.71 -0.76 0.00	45.87 -0.12 0.00	43.17 1.28 0.00	40.22 0.91 0.00	43.31 1.48 0.00	49.34 2.26 0.00	48.79 2.50 0.00	64.71 2.25 0.00	61.16 0.42 0.00	140.28 -2.26 0.01	295.51 -6.81 0.00	456.85 -15.34 0.00	108.18 -3.96 0.00	123.07 -1.43 0.00	112.14 -3.11 0.02	54.99 -0.44 0.00	44.45 0.83 0.00	44.18 1.07 0.00
PACKARD___115KV_DUPONT_184 80571	35.14 1.04 0.00	43.29 0.13 0.00	37.32 -0.52 0.00	30.77 -1.07 0.00	30.45 -0.96 0.00	32.63 -0.90 0.00	36.71 -0.76 0.00	45.87 -0.12 0.00	43.17 1.28 0.00	40.22 0.91 0.00	43.31 1.48 0.00	49.34 2.26 0.00	48.79 2.50 0.00	64.71 2.25 0.00	61.16 0.42 0.00	140.28 -2.26 0.01	295.51 -6.81 0.00	456.85 -15.34 0.00	108.18 -3.96 0.00	123.07 -1.43 0.00	112.14 -3.11 0.02	54.99 -0.44 0.00	44.45 0.83 0.00	44.18 1.07 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	37.74 2.12 -1.52	45.32 2.16 0.00	39.77 1.92 0.00	33.50 1.66 0.00	33.01 1.61 0.00	35.23 1.71 0.00	39.44 1.97 0.00	48.33 2.34 0.00	44.62 2.72 0.00	42.33 3.02 0.00	45.61 3.18 -0.60	50.66 3.58 0.00	49.84 3.55 0.00	67.55 5.09 0.00	66.04 5.29 0.00	154.59 12.04 0.00	326.27 23.94 0.00	509.10 36.91 0.00	120.70 8.56 0.00	133.01 8.51 -0.01	123.11 7.83 -0.01	58.93 3.49 -0.01	46.63 3.00 0.00	46.25 3.14 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	38.10 2.48 -1.52	45.76 2.60 0.00	40.16 2.32 0.00	33.82 1.98 0.00	33.33 1.93 0.00	35.59 2.06 0.00	39.84 2.37 0.00	48.77 2.78 0.00	45.08 3.18 0.00	42.75 3.44 0.00	46.02 3.59 -0.60	51.16 4.08 0.00	50.36 4.07 0.00	68.33 5.87 0.00	66.91 6.17 0.00	156.44 13.89 0.00	330.45 28.12 0.00	515.06 42.87 0.00	122.16 10.03 0.00	134.63 10.13 -0.01	124.93 9.66 -0.01	59.90 4.47 -0.01	47.38 3.75 0.00	46.95 3.84 0.00
PATROON___115KV_TB1 80586	35.45 1.11 -0.25	44.47 1.31 0.00	38.94 1.10 0.00	32.85 1.01 0.00	32.37 0.98 0.00	34.52 0.99 0.00	38.48 1.01 0.00	47.20 1.21 0.00	42.93 1.04 0.00	40.37 1.05 0.00	42.98 1.05 -0.10	48.17 1.10 0.00	47.31 1.03 0.00	64.28 1.82 0.00	62.75 2.00 0.00	147.64 5.09 0.00	312.24 9.91 0.00	488.32 16.13 0.00	116.06 3.92 0.00	128.55 4.05 0.00	119.05 3.79 0.00	57.09 1.66 0.00	44.97 1.35 0.00	44.46 1.35 0.00
PATTRSNVILLE___SOLAR 323815	35.53 1.44 0.00	44.87 1.71 0.00	39.29 1.45 0.00	33.07 1.23 0.00	32.62 1.22 0.00	34.83 1.30 0.00	38.90 1.43 0.00	47.66 1.67 0.00	43.20 1.30 0.00	40.77 1.46 0.00	43.48 1.65 0.00	48.87 1.80 0.00	48.05 1.76 0.00	64.51 2.05 0.00	62.69 1.94 0.00	147.30 4.75 0.00	312.99 10.66 0.00	490.73 18.54 0.00	117.54 5.40 0.00	131.19 6.69 0.00	121.59 6.33 0.00	58.38 2.95 0.00	45.92 2.30 0.00	45.28 2.17 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	36.16 2.06 0.00	44.60 1.44 0.00	38.47 0.63 0.00	31.75 -0.09 0.00	31.43 0.03 0.00	33.71 0.18 0.00	37.99 0.52 0.00	47.43 1.44 0.00	44.56 2.66 0.00	41.78 2.47 0.00	44.92 3.09 0.00	51.24 4.17 0.00	50.89 4.60 0.00	67.65 5.19 0.00	64.44 3.70 0.00	148.79 6.24 0.00	314.91 12.58 0.00	484.23 12.04 0.00	114.72 2.58 0.00	129.59 5.10 0.00	118.81 3.54 0.00	57.75 2.32 0.00	46.01 2.38 0.00	45.47 2.36 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	36.91 2.31 -0.50	45.69 2.53 0.00	40.00 2.16 0.00	33.66 1.82 0.00	33.13 1.73 0.00	35.37 1.84 0.00	39.62 2.15 0.00	48.64 2.65 0.00	44.75 2.86 0.00	42.49 3.19 0.00	45.49 3.46 -0.19	51.06 3.98 0.00	50.33 4.04 0.00	68.22 5.76 0.00	66.72 5.98 0.00	156.97 14.42 0.00	332.17 29.84 0.00	517.44 45.25 0.00	122.71 10.58 0.00	135.47 10.97 0.00	124.92 9.65 0.00	59.83 4.40 0.00	47.05 3.43 0.00	46.51 3.40 0.00
PEEKSKILL___ 23653	37.69 1.81 -1.79	45.07 1.90 0.00	39.49 1.64 0.00	33.25 1.41 0.00	32.72 1.32 0.00	34.90 1.37 0.00	39.08 1.62 0.00	47.87 1.88 0.00	44.09 2.19 0.00	41.86 2.55 0.00	45.24 2.71 -0.70	50.14 3.06 0.00	49.35 3.06 0.00	66.89 4.42 0.00	65.37 4.63 0.00	153.48 10.93 0.00	324.17 21.84 0.00	505.43 33.24 0.00	119.84 7.70 0.00	132.27 7.77 0.00	122.16 6.89 0.00	58.54 3.12 0.00	46.12 2.50 0.00	45.74 2.63 0.00
PGE MADISON___WINDPWR 24146	37.48 3.35 -0.03	46.91 3.69 -0.06	40.89 3.05 0.00	34.33 2.49 0.00	34.05 2.65 0.00	36.56 3.03 0.00	41.07 3.60 0.00	51.25 4.57 -0.68	46.39 4.36 -0.14	43.29 3.96 -0.02	46.01 4.15 -0.03	52.54 5.01 -0.45	52.12 5.32 -0.51	71.31 7.12 -1.73	68.76 6.59 -1.43	156.75 14.02 -0.19	336.40 34.02 -0.06	524.68 52.49 0.00	125.90 13.77 0.00	141.08 16.57 -0.01	133.20 15.13 -2.80	63.65 7.19 -1.03	49.06 5.38 -0.05	48.18 4.89 -0.18

PIERCEFIELD___HYD 23852	32.71 -1.40 -0.02	41.61 -1.58 -0.03	36.69 -1.16 0.00	31.00 -0.84 0.00	30.48 -0.92 0.00	32.45 -1.08 0.00	36.17 -1.30 0.00	44.67 -1.61 -0.29	40.43 -1.53 -0.06	37.69 -1.63 -0.01	39.99 -1.86 -0.01	44.98 -2.30 -0.19	44.06 -2.45 -0.22	59.77 -3.45 -0.75	57.98 -3.38 -0.62	-54.28 -8.21 188.62	234.35 -15.73 52.24	450.65 -21.54 0.00	106.65 -5.49 0.00	118.59 -5.90 0.00	112.11 -4.36 -1.20	53.68 -2.19 -0.45	41.87 -1.77 -0.02	41.84 -1.35 -0.08
PINELAWN_CC_1 323563	48.87 2.45 -12.33	57.07 2.70 -11.21	53.16 2.35 -12.97	56.94 1.99 -23.10	54.94 1.88 -21.66	48.01 1.98 -12.49	39.74 2.28 0.00	48.10 2.11 0.00	44.80 2.91 0.00	42.60 3.29 0.00	45.97 3.54 -0.60	50.83 3.75 0.00	50.87 3.72 -0.86	68.10 4.90 -0.74	103.96 5.45 -37.76	204.45 13.31 -48.59	434.42 27.39 -104.71	520.23 40.98 -7.06	136.83 9.06 -15.63	149.90 9.51 -15.89	149.18 8.90 -25.01	94.82 4.07 -35.32	46.81 3.18 0.00	45.94 2.83 0.00
PJM_GEN_HTTP_PROXY 323702	24.24 2.09 11.94	45.36 2.20 0.00	39.75 1.90 0.00	33.46 1.62 0.00	32.93 1.53 0.00	35.16 1.63 0.00	39.39 1.92 0.00	48.29 2.30 0.00	44.55 2.65 0.00	42.41 3.10 0.00	45.69 3.26 -0.60	50.75 3.67 0.00	49.94 3.65 0.00	67.59 5.13 0.00	96.29 5.29 -30.25	114.79 12.47 40.23	326.94 24.61 0.00	474.06 37.09 35.22	120.71 8.57 0.00	133.07 8.57 0.00	122.99 7.72 0.00	63.05 3.50 -4.12	46.51 2.89 0.00	46.16 3.04 0.00
PJM_GEN_KEystone 24065	14.80 1.31 20.60	43.97 1.00 0.20	38.50 0.65 0.00	24.77 0.34 7.41	23.70 0.34 8.04	30.65 0.42 3.30	38.14 0.68 0.00	46.60 0.98 0.37	40.77 1.61 2.74	41.09 1.79 0.01	42.84 1.98 0.97	49.33 2.48 0.23	48.93 2.69 0.05	65.86 3.40 0.00	94.00 3.00 -30.25	108.25 6.13 40.43	314.92 12.67 0.08	451.79 14.82 35.22	115.45 3.32 0.00	127.43 3.74 0.80	118.13 2.86 0.00	61.05 1.50 -4.12	45.03 1.41 0.00	44.65 1.54 0.00
PJM_GEN_NEPTUNE_PROXY 323594	30.43 2.32 5.98	51.76 2.55 -6.05	47.06 2.22 -7.00	46.19 1.89 -12.46	44.85 1.79 -11.65	42.12 1.89 -6.70	39.61 2.14 0.00	48.09 2.10 0.00	44.62 2.72 0.00	42.42 3.10 0.00	45.75 3.32 -0.60	50.63 3.55 0.00	50.44 3.63 -0.52	67.37 4.91 0.00	102.83 5.30 -36.78	132.08 12.84 23.31	372.44 25.92 -44.18	475.75 38.78 35.21	132.82 8.68 -12.01	144.78 9.03 -11.26	141.62 8.31 -18.05	86.10 3.81 -26.87	46.50 2.88 0.00	45.81 2.69 0.00
PJM_GEN_VFT_PROXY 323633	22.94 1.92 13.07	42.29 1.97 2.84	39.56 1.72 0.00	33.32 1.48 0.00	32.78 1.38 0.00	35.00 1.47 0.00	39.20 1.73 0.00	42.80 2.03 5.22	42.94 2.42 1.38	42.11 2.89 0.09	45.05 3.00 -0.21	47.16 3.34 3.25	48.88 3.33 0.74	67.25 4.79 0.00	95.98 4.98 -30.25	111.04 11.60 43.11	323.84 22.63 1.12	471.72 34.74 35.22	120.41 8.27 0.00	132.77 8.27 0.00	122.54 7.28 0.00	62.81 3.25 -4.12	46.36 2.74 0.00	46.05 2.94 0.00
PLATSBURG_115KV_PMLD1 355749	33.33 -0.77 0.00	42.43 -0.73 0.00	37.35 -0.50 0.00	31.59 -0.26 0.00	31.17 -0.23 0.00	33.26 -0.27 0.00	36.91 -0.56 0.00	45.29 -0.70 0.00	41.34 -0.56 0.00	38.94 -0.38 0.00	41.38 -0.46 0.00	46.39 -0.69 0.00	44.89 -1.40 0.00	59.71 -2.75 0.00	57.66 -3.08 0.00	-101.19 -6.74 237.00	228.43 -8.25 65.64	459.36 -12.82 0.00	109.53 -2.61 0.00	121.47 -3.02 0.00	112.90 -2.37 0.00	54.18 -1.25 0.00	42.90 -0.72 0.00	42.41 -0.70 0.00
PLEASANTVLY___LBMP 24000	36.39 1.65 -0.65	44.96 1.80 0.00	39.38 1.53 0.00	33.16 1.32 0.00	32.65 1.25 0.00	34.85 1.32 0.00	38.99 1.52 0.00	47.80 1.81 0.00	43.88 1.98 0.00	41.55 2.24 0.00	44.46 2.37 -0.25	49.73 2.65 0.00	48.91 2.62 0.00	66.31 3.84 0.00	64.83 4.09 0.00	152.31 9.77 0.00	322.07 19.74 0.00	502.08 29.89 0.00	119.11 6.97 0.00	131.55 7.06 0.00	121.60 6.34 0.00	58.30 2.87 0.00	45.94 2.32 0.00	45.51 2.39 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	37.26 1.99 -1.17	45.31 2.15 0.00	39.68 1.83 0.00	33.40 1.56 0.00	32.88 1.47 0.00	35.09 1.56 0.00	39.26 1.79 0.00	48.15 2.16 0.00	44.32 2.43 0.00	42.08 2.77 0.00	45.24 2.95 -0.46	50.43 3.34 0.00	49.62 3.33 0.00	67.23 4.77 0.00	65.74 4.99 0.00	154.46 11.92 0.00	326.33 24.00 0.00	508.56 36.37 0.00	120.54 8.40 0.00	133.12 8.62 0.00	122.95 7.68 0.00	58.89 3.46 0.00	46.40 2.77 0.00	45.99 2.88 0.00
PLSNTVLE_13_KV_13KVDSA_REV_LBMP_I 345020	37.26 1.99 -1.17	45.31 2.15 0.00	39.68 1.83 0.00	33.40 1.56 0.00	32.88 1.47 0.00	35.09 1.56 0.00	39.26 1.79 0.00	48.15 2.16 0.00	44.32 2.43 0.00	42.08 2.77 0.00	45.24 2.95 -0.46	50.43 3.34 0.00	49.62 3.33 0.00	67.23 4.77 0.00	65.74 4.99 0.00	154.46 11.92 0.00	326.33 24.00 0.00	508.56 36.37 0.00	120.54 8.40 0.00	133.12 8.62 0.00	122.95 7.68 0.00	58.89 3.46 0.00	46.40 2.77 0.00	45.99 2.88 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	36.40 2.02 -0.28	45.38 2.22 0.00	39.71 1.87 0.00	33.43 1.59 0.00	32.91 1.51 0.00	35.14 1.61 0.00	39.35 1.89 0.00	48.31 2.32 0.00	44.38 2.48 0.00	42.02 2.71 0.00	44.89 2.94 -0.11	50.44 3.36 0.00	49.69 3.40 0.00	67.38 4.92 0.00	65.93 5.19 0.00	155.11 12.56 0.00	328.60 26.27 0.00	512.14 39.95 0.00	121.47 9.34 0.00	134.13 9.63 0.00	123.78 8.51 0.00	59.30 3.87 0.00	46.64 3.02 0.00	46.09 2.97 0.00
POLETTI____ 23519	37.68 2.06 -1.52	45.31 2.15 0.00	39.72 1.87 0.00	33.44 1.60 0.00	32.90 1.50 0.00	35.13 1.60 0.00	39.36 1.89 0.00	48.23 2.24 0.00	44.51 2.62 0.00	42.38 3.06 0.00	45.64 3.21 -0.60	50.69 3.61 0.00	49.86 3.57 0.00	67.50 5.04 0.00	65.96 5.22 0.00	154.82 12.27 0.00	326.37 24.04 0.00	508.56 36.37 0.00	120.60 8.46 0.00	132.95 8.46 0.00	122.87 7.60 0.00	58.86 3.43 0.00	46.48 2.86 0.00	46.15 3.04 0.00
POMONA___ESR 323819	33.52 1.68 2.26	44.92 1.76 0.00	39.37 1.53 0.00	33.17 1.33 0.00	32.62 1.22 0.00	34.76 1.23 0.00	38.91 1.44 0.00	47.64 1.66 0.00	43.90 2.01 0.00	41.71 2.40 0.00	43.51 2.57 0.89	50.03 2.95 0.00	49.30 3.00 0.00	66.85 4.38 0.00	65.34 4.59 0.00	153.27 10.73 0.00	323.90 21.58 0.00	505.37 33.18 0.00	119.77 7.63 0.00	132.13 7.63 0.00	121.93 6.66 0.00	58.42 2.99 0.00	45.99 2.37 0.00	45.64 2.53 0.00
PORT_JEFF_3 23555	49.21 2.78 -12.33	57.60 3.23 -11.21	53.68 2.86 -12.97	57.40 2.45 -23.10	55.42 2.37 -21.66	48.49 2.47 -12.49	40.21 2.75 0.00	48.03 2.04 0.00	44.72 2.83 0.00	42.54 3.23 0.00	45.80 3.37 -0.60	50.72 3.64 0.00	50.91 3.78 -0.84	67.81 4.99 -0.36	89.34 5.59 -23.00	207.60 13.76 -51.29	424.17 27.16 -94.68	517.01 39.79 -5.03	177.56 8.90 -56.53	235.61 10.95 -100.17	243.19 10.57 -117.34	108.76 4.89 -48.44	47.14 3.51 0.00	46.34 3.23 0.00
PORT_JEFF_4 23616	49.21 2.78 -12.33	57.60 3.23 -11.21	53.68 2.86 -12.97	57.40 2.45 -23.10	55.42 2.37 -21.66	48.49 2.47 -12.49	40.21 2.75 0.00	48.03 2.04 0.00	44.72 2.83 0.00	42.54 3.23 0.00	45.80 3.37 -0.60	50.72 3.64 0.00	50.91 3.78 -0.84	67.81 4.99 -0.36	89.34 5.59 -23.00	207.60 13.76 -51.29	424.17 27.16 -94.68	517.01 39.79 -5.03	177.56 8.90 -56.53	235.61 10.95 -100.17	243.19 10.57 -117.34	108.76 4.89 -48.44	47.14 3.51 0.00	46.34 3.23 0.00

PORT_JEFF_IC 23713	49.33 2.90 -12.33	57.73 3.36 -11.21	53.78 2.96 -12.97	57.48 2.53 -23.10	55.50 2.45 -21.66	48.58 2.56 -12.49	40.31 2.84 0.00	48.16 2.17 0.00	44.86 2.97 0.00	42.67 3.36 0.00	45.81 3.37 -0.60	50.77 3.69 0.00	51.00 3.87 -0.84	67.97 5.13 -0.38	90.04 5.76 -23.54	218.33 14.23 -61.55	426.91 28.27 -96.32	520.15 41.59 -6.37	207.28 9.28 -85.87	278.96 10.91 -143.55	287.13 10.46 -161.40	112.56 4.83 -52.30	47.10 3.48 0.00	46.41 3.29 0.00
PPL PILGRIM_ST_GT1 24216	49.46 3.03 -12.33	57.81 3.44 -11.21	53.82 3.01 -12.97	57.49 2.54 -23.10	55.40 2.35 -21.66	48.57 2.55 -12.49	40.36 2.89 0.00	48.67 2.68 0.00	45.38 3.48 0.00	43.15 3.83 0.00	46.61 4.17 -0.60	51.56 4.47 -0.01	52.74 4.46 -1.98	68.31 5.43 -0.42	92.12 5.97 -25.41	196.68 14.79 -39.34	427.21 29.98 -94.90	521.30 45.16 -3.95	137.81 10.04 -15.63	153.99 10.91 -18.58	154.32 10.74 -28.31	97.31 5.04 -36.85	47.38 3.75 0.00	46.49 3.38 0.00
PPL PILGRIM_ST_GT2 24217	49.46 3.03 -12.33	57.81 3.44 -11.21	53.82 3.01 -12.97	57.49 2.54 -23.10	55.40 2.35 -21.66	48.57 2.55 -12.49	40.36 2.89 0.00	48.67 2.68 0.00	45.38 3.48 0.00	43.15 3.83 0.00	46.61 4.17 -0.60	51.56 4.47 -0.01	52.74 4.46 -1.98	68.31 5.43 -0.42	92.12 5.97 -25.41	196.68 14.79 -39.34	427.21 29.98 -94.90	521.30 45.16 -3.95	137.81 10.04 -15.63	153.99 10.91 -18.58	154.32 10.74 -28.31	97.31 5.04 -36.85	47.38 3.75 0.00	46.49 3.38 0.00
PPL_SHRM_GT3 24213	49.57 3.14 -12.33	57.94 3.57 -11.21	53.99 3.17 -12.97	57.70 2.75 -23.10	55.75 2.69 -21.66	48.82 2.80 -12.49	40.56 3.10 0.00	47.75 1.76 0.00	44.59 2.69 0.00	42.34 3.03 0.00	45.77 3.33 -0.60	50.80 3.72 0.00	51.07 3.94 -0.85	68.13 5.30 -0.37	89.85 5.87 -23.24	210.55 14.62 -53.38	427.34 29.91 -95.11	522.34 44.82 -5.33	184.31 9.93 -62.24	238.15 10.79 -102.86	243.66 10.31 -118.09	108.57 4.64 -48.50	46.89 3.26 0.00	45.85 2.74 0.00
PPL_SHRM_GT4 24214	49.57 3.14 -12.33	57.94 3.57 -11.21	53.99 3.17 -12.97	57.70 2.75 -23.10	55.75 2.69 -21.66	48.82 2.80 -12.49	40.56 3.10 0.00	47.75 1.76 0.00	44.59 2.69 0.00	42.34 3.03 0.00	45.77 3.33 -0.60	50.80 3.72 0.00	51.07 3.94 -0.85	68.13 5.30 -0.37	89.85 5.87 -23.24	210.55 14.62 -53.38	427.34 29.91 -95.11	522.34 44.82 -5.33	184.31 9.93 -62.24	238.15 10.79 -102.86	243.66 10.31 -118.09	108.57 4.64 -48.50	46.89 3.26 0.00	45.85 2.74 0.00
PROJECT___ORANGE 1 24174	34.50 0.36 -0.05	43.42 0.17 -0.09	37.83 -0.02 0.00	31.72 -0.12 0.00	31.31 -0.09 0.00	33.50 -0.03 0.00	37.53 0.07 0.00	47.18 0.26 -0.93	42.55 0.47 -0.19	39.89 0.56 -0.02	42.58 0.71 -0.04	48.70 1.00 -0.61	48.17 1.18 -0.70	66.30 1.48 -2.35	63.93 1.23 -1.95	145.23 2.42 -0.26	307.74 5.34 -0.08	478.75 6.56 0.00	113.84 1.70 0.00	126.75 2.24 -0.01	120.75 1.66 -3.82	57.62 0.78 -1.41	44.30 0.60 -0.07	43.83 0.47 -0.25
PROJECT___ORANGE 2 24166	34.50 0.36 -0.05	43.42 0.17 -0.09	37.83 -0.02 0.00	31.72 -0.12 0.00	31.31 -0.09 0.00	33.50 -0.03 0.00	37.53 0.07 0.00	47.18 0.26 -0.93	42.55 0.47 -0.19	39.89 0.56 -0.02	42.58 0.71 -0.04	48.70 1.00 -0.61	48.17 1.18 -0.70	66.30 1.48 -2.35	63.93 1.23 -1.95	145.23 2.42 -0.26	307.74 5.34 -0.08	478.75 6.56 0.00	113.84 1.70 0.00	126.75 2.24 -0.01	120.75 1.66 -3.82	57.62 0.78 -1.41	44.30 0.60 -0.07	43.83 0.47 -0.25
PUCKETT___SOLAR 323809	35.66 1.54 -0.03	44.77 1.55 -0.06	38.97 1.12 0.00	32.66 0.82 0.00	32.30 0.90 0.00	34.61 1.08 0.00	38.82 1.35 0.00	48.40 1.79 -0.63	43.86 1.84 -0.13	41.06 1.73 -0.01	43.66 1.80 -0.03	49.76 2.27 -0.41	49.35 2.59 -0.47	67.23 3.18 -1.58	64.91 2.86 -1.31	149.10 6.38 -0.17	317.83 15.45 -0.05	492.61 20.42 0.00	117.69 5.55 0.00	131.07 6.57 -0.01	123.85 6.02 -2.57	59.24 2.86 -0.94	45.87 2.20 -0.05	45.30 2.02 -0.17
PYRITES___HYD 24023	33.49 -0.62 -0.01	42.58 -0.60 -0.03	37.52 -0.32 0.00	31.68 -0.16 0.00	31.17 -0.23 0.00	33.26 -0.27 0.00	37.11 -0.35 0.00	45.71 -0.55 -0.27	41.15 -0.80 -0.05	38.24 -1.08 -0.01	40.53 -1.31 -0.01	45.54 -1.72 -0.18	44.56 -1.93 -0.20	60.48 -2.67 -0.69	58.73 -2.58 -0.57	-58.33 -6.99 193.89	235.81 -12.82 53.70	456.18 -16.00 0.00	108.36 -3.77 0.00	121.14 -3.35 0.00	114.88 -1.49 -1.11	55.07 -0.77 -0.41	42.96 -0.69 -0.02	42.79 -0.39 -0.07
QUAKERRD_115KV_BK1 80622	34.75 0.65 0.00	43.23 0.06 0.00	37.50 -0.34 0.00	31.21 -0.63 0.00	30.82 -0.58 0.00	33.01 -0.52 0.00	37.06 -0.41 0.00	45.99 0.00 0.00	42.66 0.76 0.00	40.10 0.79 0.00	43.05 1.21 0.00	48.89 1.81 0.00	48.36 2.07 0.00	64.81 2.35 0.00	62.25 1.50 0.00	144.54 1.99 0.00	306.05 3.72 0.00	474.61 2.43 0.00	112.90 0.76 0.00	126.61 2.11 0.00	115.98 0.71 0.00	56.17 0.74 0.00	44.51 0.89 0.00	43.84 0.73 0.00
QUENSBRY_115KV_TB8 356137	37.14 2.80 -0.24	46.49 3.33 0.00	40.81 2.96 0.00	34.37 2.53 0.00	33.98 2.57 0.00	36.27 2.74 0.00	40.42 2.95 0.00	49.66 3.67 0.00	45.08 3.19 0.00	42.43 3.12 0.00	44.97 3.04 -0.09	50.53 3.45 0.00	49.73 3.44 0.00	67.87 5.40 0.00	66.15 5.41 0.00	156.07 13.52 0.00	330.87 28.54 0.00	515.64 43.45 0.00	123.65 11.52 0.00	137.34 12.85 0.00	127.54 12.27 0.00	61.22 5.79 0.00	47.98 4.36 0.00	47.09 3.98 0.00
RAMAPO___LBMP 323565	33.51 1.59 2.17	44.77 1.61 0.00	39.24 1.40 0.00	33.05 1.21 0.00	32.52 1.12 0.00	34.67 1.14 0.00	38.83 1.36 0.00	47.54 1.55 0.00	43.77 1.87 0.00	41.55 2.24 0.00	43.36 2.37 0.85	49.78 2.71 0.00	49.02 2.73 0.00	66.46 4.00 0.00	64.95 4.21 0.00	152.33 9.78 0.00	321.86 19.53 0.00	502.20 30.01 0.00	119.07 6.93 0.00	131.42 6.93 0.00	121.34 6.07 0.00	58.14 2.71 0.00	45.79 2.17 0.00	45.44 2.33 0.00
RANKINE____ 23646	36.17 2.08 0.00	44.60 1.44 0.00	38.47 0.62 0.00	31.74 -0.10 0.00	31.42 0.02 0.00	33.70 0.17 0.00	37.96 0.49 0.00	47.43 1.44 0.00	44.62 2.72 0.00	41.79 2.48 0.00	44.97 3.14 0.00	51.31 4.24 0.00	50.83 4.54 0.00	67.56 5.09 0.00	64.29 3.55 0.00	148.24 5.69 0.00	313.51 11.18 0.00	481.88 9.69 0.00	114.33 2.19 0.00	129.41 4.92 0.00	118.50 3.23 0.00	57.74 2.31 0.00	46.11 2.49 0.00	45.57 2.45 0.00
RAVENSWOOD_GT2_1 24244	37.77 2.16 -1.52	45.43 2.27 0.00	39.82 1.98 0.00	33.52 1.68 0.00	32.99 1.59 0.00	35.22 1.69 0.00	39.45 1.98 0.00	48.35 2.36 0.00	44.62 2.72 0.00	42.44 3.13 0.00	45.72 3.29 -0.60	50.75 3.67 0.00	49.93 3.64 0.00	67.59 5.13 0.00	66.02 5.28 0.00	155.03 12.48 0.00	326.67 24.35 0.00	509.03 36.84 0.00	120.67 8.53 0.00	133.07 8.57 0.00	122.98 7.71 0.00	58.93 3.50 0.00	46.55 2.92 0.00	46.25 3.13 0.00
RAVENSWOOD_GT2_2 24245	37.77 2.16 -1.52	45.43 2.27 0.00	39.82 1.98 0.00	33.52 1.68 0.00	32.99 1.59 0.00	35.22 1.69 0.00	39.45 1.98 0.00	48.35 2.36 0.00	44.62 2.72 0.00	42.44 3.13 0.00	45.72 3.29 -0.60	50.75 3.67 0.00	49.93 3.64 0.00	67.59 5.13 0.00	66.02 5.28 0.00	155.03 12.48 0.00	326.67 24.35 0.00	509.03 36.84 0.00	120.67 8.53 0.00	133.07 8.57 0.00	122.98 7.71 0.00	58.93 3.50 0.00	46.55 2.92 0.00	46.25 3.13 0.00

RAVENSWOOD_GT2_3 24246	37.79 2.18 -1.52	45.46 2.30 0.00	39.84 1.99 0.00	33.54 1.70 0.00	33.00 1.61 0.00	35.24 1.70 0.00	39.47 2.00 0.00	48.37 2.38 0.00	44.65 2.75 0.00	42.47 3.15 0.00	45.75 3.33 -0.60	50.80 3.72 0.00	49.98 3.69 0.00	67.65 5.18 0.00	66.08 5.34 0.00	155.13 12.58 0.00	326.98 24.65 0.00	509.46 37.27 0.00	120.76 8.62 0.00	133.19 8.70 0.00	123.09 7.82 0.00	58.97 3.54 0.00	46.58 2.96 0.00	46.28 3.17 0.00
RAVENSWOOD_GT2_4 24247	37.79 2.18 -1.52	45.46 2.30 0.00	39.84 1.99 0.00	33.54 1.70 0.00	33.00 1.61 0.00	35.24 1.70 0.00	39.47 2.00 0.00	48.37 2.38 0.00	44.65 2.75 0.00	42.47 3.15 0.00	45.75 3.33 -0.60	50.80 3.72 0.00	49.98 3.69 0.00	67.65 5.18 0.00	66.08 5.34 0.00	155.13 12.58 0.00	326.98 24.65 0.00	509.46 37.27 0.00	120.76 8.62 0.00	133.19 8.70 0.00	123.09 7.82 0.00	58.97 3.54 0.00	46.58 2.96 0.00	46.28 3.17 0.00
RAVENSWOOD_GT3_1 24248	37.78 2.16 -1.52	45.43 2.27 0.00	39.82 1.98 0.00	33.52 1.68 0.00	32.99 1.59 0.00	35.22 1.69 0.00	39.45 1.99 0.00	48.35 2.36 0.00	44.62 2.72 0.00	42.44 3.13 0.00	45.72 3.29 -0.60	50.75 3.67 0.00	49.94 3.65 0.00	67.59 5.13 0.00	66.02 5.28 0.00	155.03 12.48 0.00	326.67 24.35 0.00	509.06 36.87 0.00	120.69 8.55 0.00	133.07 8.58 0.00	122.98 7.71 0.00	58.93 3.50 0.00	46.55 2.92 0.00	46.25 3.13 0.00
RAVENSWOOD_GT3_2 24249	37.78 2.16 -1.52	45.43 2.27 0.00	39.82 1.98 0.00	33.52 1.68 0.00	32.99 1.59 0.00	35.22 1.69 0.00	39.45 1.99 0.00	48.35 2.36 0.00	44.62 2.72 0.00	42.44 3.13 0.00	45.72 3.29 -0.60	50.75 3.67 0.00	49.94 3.65 0.00	67.59 5.13 0.00	66.02 5.28 0.00	155.03 12.48 0.00	326.67 24.35 0.00	509.06 36.87 0.00	120.69 8.55 0.00	133.07 8.58 0.00	122.98 7.71 0.00	58.93 3.50 0.00	46.55 2.92 0.00	46.25 3.13 0.00
RAVENSWOOD_GT3_3 24250	37.85 2.23 -1.52	45.52 2.36 0.00	39.89 2.05 0.00	33.58 1.75 0.00	33.05 1.65 0.00	35.29 1.76 0.00	39.54 2.07 0.00	48.45 2.46 0.00	44.72 2.82 0.00	42.54 3.23 0.00	45.84 3.41 -0.60	50.89 3.81 0.00	50.07 3.78 0.00	67.77 5.31 0.00	66.20 5.46 0.00	155.45 12.90 0.00	327.58 25.25 0.00	510.40 38.21 0.00	120.98 8.85 0.00	133.44 8.94 0.00	123.32 8.05 0.00	59.08 3.65 0.00	46.66 3.04 0.00	46.36 3.24 0.00
RAVENSWOOD_GT3_4 24251	37.85 2.23 -1.52	45.52 2.36 0.00	39.89 2.05 0.00	33.58 1.75 0.00	33.05 1.65 0.00	35.29 1.76 0.00	39.54 2.07 0.00	48.45 2.46 0.00	44.72 2.82 0.00	42.54 3.23 0.00	45.84 3.41 -0.60	50.89 3.81 0.00	50.07 3.78 0.00	67.77 5.31 0.00	66.20 5.46 0.00	155.45 12.90 0.00	327.58 25.25 0.00	510.40 38.21 0.00	120.98 8.85 0.00	133.44 8.94 0.00	123.32 8.05 0.00	59.08 3.65 0.00	46.66 3.04 0.00	46.36 3.24 0.00
RAVENSWOOD_GT_1 23729	37.82 2.20 -1.52	45.45 2.29 0.00	39.86 2.02 0.00	33.57 1.73 0.00	33.04 1.64 0.00	35.29 1.76 0.00	39.53 2.06 0.00	48.42 2.43 0.00	44.74 2.84 0.00	42.53 3.22 0.00	45.78 3.35 -0.60	50.81 3.74 0.00	49.94 3.65 0.00	67.59 5.12 0.00	66.02 5.28 0.00	154.88 12.33 0.00	326.49 24.16 0.00	508.76 36.57 0.00	120.33 8.40 0.21	128.44 8.30 4.36	98.41 7.57 24.42	49.31 3.38 9.50	46.24 2.90 0.28	46.31 3.20 0.00
RAVENSWOOD_GT_10 24258	37.78 2.16 -1.52	45.44 2.28 0.00	39.82 1.98 0.00	33.52 1.68 0.00	32.99 1.59 0.00	35.22 1.69 0.00	39.45 1.99 0.00	48.35 2.36 0.00	44.62 2.72 0.00	42.45 3.13 0.00	45.72 3.29 -0.60	50.76 3.68 0.00	49.95 3.66 0.00	67.60 5.14 0.00	66.02 5.28 0.00	155.09 12.54 0.00	326.76 24.44 0.00	509.14 36.96 0.00	120.73 8.59 0.00	133.18 8.68 0.00	123.04 7.77 0.00	58.94 3.51 0.00	46.55 2.93 0.00	46.25 3.13 0.00
RAVENSWOOD_GT_11 24259	37.78 2.16 -1.52	45.44 2.28 0.00	39.82 1.98 0.00	33.52 1.68 0.00	32.99 1.59 0.00	35.22 1.69 0.00	39.45 1.99 0.00	48.35 2.36 0.00	44.62 2.72 0.00	42.45 3.13 0.00	45.72 3.29 -0.60	50.76 3.68 0.00	49.95 3.66 0.00	67.60 5.14 0.00	66.02 5.28 0.00	155.09 12.54 0.00	326.76 24.44 0.00	509.14 36.96 0.00	120.73 8.59 0.00	133.18 8.68 0.00	123.04 7.77 0.00	58.94 3.51 0.00	46.55 2.93 0.00	46.25 3.13 0.00
RAVENSWOOD_GT_4 24252	37.78 2.16 -1.52	45.45 2.29 0.00	39.84 1.99 0.00	33.53 1.69 0.00	32.99 1.59 0.00	35.22 1.69 0.00	39.46 1.99 0.00	48.35 2.37 0.00	44.62 2.72 0.00	42.45 3.13 0.00	45.73 3.30 -0.60	50.78 3.70 0.00	49.97 3.68 0.00	67.63 5.17 0.00	66.08 5.34 0.00	155.17 12.62 0.00	326.93 24.60 0.00	509.50 37.32 0.00	120.65 8.67 0.16	129.94 8.77 3.32	104.50 7.83 18.60	51.75 3.55 7.23	46.36 2.95 0.22	46.26 3.14 0.00
RAVENSWOOD_GT_5 24254	37.78 2.16 -1.52	45.45 2.29 0.00	39.84 1.99 0.00	33.53 1.69 0.00	32.99 1.59 0.00	35.22 1.69 0.00	39.46 1.99 0.00	48.35 2.37 0.00	44.62 2.72 0.00	42.45 3.13 0.00	45.73 3.30 -0.60	50.78 3.70 0.00	49.97 3.68 0.00	67.63 5.17 0.00	66.08 5.34 0.00	155.17 12.62 0.00	326.93 24.60 0.00	509.50 37.32 0.00	120.65 8.67 0.16	129.94 8.77 3.32	104.50 7.83 18.60	51.75 3.55 7.23	46.36 2.95 0.22	46.26 3.14 0.00
RAVENSWOOD_GT_6 24253	37.78 2.16 -1.52	45.45 2.29 0.00	39.84 1.99 0.00	33.53 1.69 0.00	32.99 1.59 0.00	35.22 1.69 0.00	39.46 1.99 0.00	48.35 2.37 0.00	44.62 2.72 0.00	42.45 3.13 0.00	45.73 3.30 -0.60	50.78 3.70 0.00	49.97 3.68 0.00	67.63 5.17 0.00	66.08 5.34 0.00	155.17 12.62 0.00	326.93 24.60 0.00	509.50 37.32 0.00	120.65 8.67 0.16	129.94 8.77 3.32	104.50 7.83 18.60	51.75 3.55 7.23	46.36 2.95 0.22	46.26 3.14 0.00
RAVENSWOOD_GT_7 24255	37.78 2.16 -1.52	45.45 2.29 0.00	39.84 1.99 0.00	33.53 1.69 0.00	32.99 1.59 0.00	35.22 1.69 0.00	39.46 1.99 0.00	48.35 2.37 0.00	44.62 2.72 0.00	42.45 3.13 0.00	45.73 3.30 -0.60	50.78 3.70 0.00	49.97 3.68 0.00	67.63 5.17 0.00	66.08 5.34 0.00	155.17 12.62 0.00	326.93 24.60 0.00	509.50 37.32 0.00	120.65 8.67 0.16	129.94 8.77 3.32	104.50 7.83 18.60	51.75 3.55 7.23	46.36 2.95 0.22	46.26 3.14 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	37.78 2.16 -1.52	45.44 2.28 0.00	39.82 1.98 0.00	33.52 1.68 0.00	32.99 1.59 0.00	35.22 1.69 0.00	39.45 1.99 0.00	48.35 2.36 0.00	44.62 2.72 0.00	42.45 3.13 0.00	45.72 3.29 -0.60	50.76 3.68 0.00	49.95 3.66 0.00	67.60 5.14 0.00	66.02 5.28 0.00	155.09 12.54 0.00	326.76 24.44 0.00	509.14 36.96 0.00	120.73 8.59 0.00	133.18 8.68 0.00	123.04 7.77 0.00	58.94 3.51 0.00	46.55 2.93 0.00	46.25 3.13 0.00
RAVENSWOOD_GT_9 24257	37.78 2.16 -1.52	45.44 2.28 0.00	39.82 1.98 0.00	33.52 1.68 0.00	32.99 1.59 0.00	35.22 1.69 0.00	39.45 1.99 0.00	48.35 2.36 0.00	44.62 2.72 0.00	42.45 3.13 0.00	45.72 3.29 -0.60	50.76 3.68 0.00	49.95 3.66 0.00	67.60 5.14 0.00	66.02 5.28 0.00	155.09 12.54 0.00	326.76 24.44 0.00	509.14 36.96 0.00	120.73 8.59 0.00	133.18 8.68 0.00	123.04 7.77 0.00	58.94 3.51 0.00	46.55 2.93 0.00	46.25 3.13 0.00

RAVENSWOOD___1 23533	37.80 2.18 -1.52	45.42 2.26 0.00	39.83 1.99 0.00	33.54 1.70 0.00	33.02 1.62 0.00	35.25 1.72 0.00	39.49 2.03 0.00	48.38 2.39 0.00	44.70 2.80 0.00	42.50 3.19 0.00	45.75 3.32 -0.60	50.77 3.69 0.00	49.90 3.61 0.00	67.52 5.06 0.00	65.96 5.22 0.00	154.78 12.24 0.00	326.32 24.00 0.00	508.41 36.22 0.00	119.99 8.36 0.51	122.15 8.20 10.55	88.92 7.53 33.87	35.80 3.36 22.98	45.65 2.89 0.86	46.28 3.16 0.00
RAVENSWOOD___2 23534	37.71 2.10 -1.52	45.31 2.15 0.00	39.74 1.90 0.00	33.47 1.63 0.00	32.95 1.54 0.00	35.19 1.65 0.00	39.40 1.94 0.00	48.24 2.25 0.00	44.60 2.70 0.00	42.40 3.08 0.00	45.64 3.21 -0.60	50.60 3.52 0.00	49.65 3.36 0.00	66.97 4.51 0.00	65.43 4.69 0.00	153.71 11.16 0.00	324.03 21.70 0.00	504.19 32.00 0.00	118.97 7.35 0.52	121.10 7.32 10.71	87.41 6.56 34.41	34.99 2.91 23.35	45.36 2.62 0.88	46.11 3.00 0.00
RAVENSWOOD___3 23535	37.78 2.16 -1.52	45.44 2.27 0.00	39.82 1.98 0.00	33.52 1.68 0.00	32.99 1.59 0.00	35.22 1.69 0.00	39.45 1.99 0.00	48.35 2.36 0.00	44.63 2.73 0.00	42.45 3.13 0.00	45.72 3.29 -0.60	50.76 3.68 0.00	49.94 3.65 0.00	67.60 5.13 0.00	66.02 5.27 0.00	155.03 12.48 0.00	326.76 24.43 0.00	509.10 36.91 0.00	120.71 8.58 0.00	133.13 8.63 0.00	122.99 7.72 0.00	58.94 3.51 0.00	46.55 2.92 0.00	46.25 3.13 0.00
RAVENSWOOD___4 23820	37.77 2.15 -1.52	45.39 2.23 0.00	39.80 1.96 0.00	33.52 1.68 0.00	32.99 1.59 0.00	35.23 1.70 0.00	39.47 2.00 0.00	48.34 2.35 0.00	44.66 2.77 0.00	42.47 3.15 0.00	45.72 3.29 -0.60	50.73 3.65 0.00	49.85 3.57 0.00	67.47 5.01 0.00	65.92 5.18 0.00	154.65 12.10 0.00	326.16 23.83 0.00	508.06 35.88 0.00	119.60 8.27 0.81	115.85 8.18 16.82	78.96 7.46 43.76	22.09 3.32 36.66	45.02 2.85 1.45	46.25 3.14 0.00
RCPL_TRUST___DRP 24196	37.76 2.14 -1.52	45.41 2.25 0.00	39.80 1.95 0.00	33.51 1.67 0.00	32.97 1.57 0.00	35.20 1.67 0.00	39.46 1.99 0.00	48.37 2.39 0.00	44.64 2.74 0.00	42.49 3.18 0.00	45.79 3.36 -0.60	50.87 3.80 0.00	50.06 3.76 0.00	67.73 5.27 0.00	66.15 5.41 0.00	155.30 12.75 0.00	327.45 25.13 0.00	510.11 37.92 0.00	120.85 8.71 0.00	133.31 8.81 0.00	123.10 7.83 0.00	59.00 3.57 0.00	46.57 2.95 0.00	46.23 3.11 0.00
RED___ROCHESTER 323720	36.02 1.92 0.00	44.68 1.51 0.00	38.70 0.85 0.00	32.11 0.27 0.00	31.72 0.32 0.00	33.97 0.44 0.00	38.17 0.71 0.00	47.45 1.46 0.00	44.17 2.27 0.00	41.50 2.19 0.00	44.64 2.81 0.00	50.81 3.74 0.00	50.34 4.05 0.00	67.36 4.90 0.00	64.55 3.81 0.00	149.65 7.10 0.00	316.62 14.30 0.00	490.12 17.94 0.00	116.70 4.56 0.00	131.08 6.58 0.00	119.81 4.54 0.00	58.15 2.72 0.00	46.16 2.54 0.00	45.43 2.32 0.00
REGAN___SOLAR 323812	37.89 3.79 0.00	47.87 4.70 0.00	41.80 3.96 0.00	35.08 3.24 0.00	34.65 3.25 0.00	37.02 3.49 0.00	41.21 3.74 0.00	50.15 4.16 0.00	44.24 2.34 0.00	42.00 2.69 0.00	44.08 2.24 0.00	49.29 2.22 0.00	48.81 2.52 0.00	65.55 3.09 0.00	62.48 1.74 0.00	149.15 6.60 0.00	321.28 18.95 0.00	513.74 41.55 0.00	127.69 15.55 0.00	145.77 21.27 0.00	134.68 19.41 0.00	64.53 9.10 0.00	50.30 6.68 0.00	49.27 6.16 0.00
RENSSELAER___COGEN 23796	35.19 0.85 -0.25	44.16 0.99 0.00	38.69 0.85 0.00	32.63 0.79 0.00	32.17 0.77 0.00	34.29 0.76 0.00	38.20 0.73 0.00	46.81 0.82 0.00	42.53 0.64 0.00	39.95 0.63 0.00	42.49 0.56 -0.10	47.59 0.51 0.00	46.71 0.42 0.00	63.44 0.98 0.00	61.91 1.17 0.00	145.61 3.07 0.00	307.85 5.52 0.00	481.66 9.48 0.00	114.59 2.45 0.00	126.93 2.43 0.00	117.56 2.30 0.00	56.42 0.99 0.00	44.49 0.87 0.00	44.05 0.94 0.00
REPUBLIC_115KV_BARTNBRK 55605	39.19 4.86 -0.24	49.15 5.99 0.00	43.30 5.46 0.00	36.47 4.63 0.00	36.15 4.75 0.00	38.51 4.98 0.00	42.97 5.50 0.00	52.65 6.66 0.00	47.54 5.64 0.00	44.73 5.42 0.00	47.58 5.66 -0.09	53.29 6.21 0.00	52.61 6.32 0.00	72.58 10.12 0.00	70.21 9.47 0.00	165.34 22.79 0.00	352.36 50.03 0.00	543.31 71.12 0.00	129.77 17.64 0.00	144.23 19.74 0.00	133.14 17.87 0.00	64.86 9.43 0.00	51.04 7.42 0.00	50.08 6.97 0.00
REVERE_CPPR_DRP 24186	35.56 1.44 -0.02	44.81 1.61 -0.04	39.22 1.37 0.00	33.03 1.19 0.00	32.62 1.22 0.00	34.95 1.42 0.00	39.13 1.66 0.00	48.62 2.15 -0.48	44.03 2.04 -0.09	41.29 1.97 -0.01	43.96 2.11 -0.02	49.84 2.45 -0.31	49.17 2.52 -0.36	67.15 3.49 -1.20	65.05 3.31 -0.99	144.12 7.95 6.38	318.38 17.82 1.77	499.63 27.44 0.00	119.40 7.27 0.00	133.02 8.52 -0.01	125.39 8.17 -1.95	59.96 3.81 -0.72	46.44 2.78 -0.04	45.74 2.51 -0.13
REYNOLDS_115KV_TB3 80639	35.50 1.14 -0.26	44.51 1.35 0.00	39.02 1.18 0.00	32.94 1.10 0.00	32.47 1.07 0.00	34.58 1.05 0.00	38.51 1.04 0.00	47.19 1.20 0.00	42.93 1.04 0.00	40.34 1.03 0.00	42.93 0.99 -0.10	48.10 1.02 0.00	47.20 0.91 0.00	64.20 1.74 0.00	62.73 1.98 0.00	147.46 4.91 0.00	311.34 9.01 0.00	487.20 15.01 0.00	115.86 3.72 0.00	128.40 3.91 0.00	118.87 3.60 0.00	57.05 1.62 0.00	44.97 1.35 0.00	44.45 1.34 0.00
RIVERBAY____ 323610	38.10 2.48 -1.52	45.76 2.60 0.00	40.16 2.32 0.00	33.82 1.98 0.00	33.33 1.93 0.00	35.59 2.06 0.00	39.84 2.37 0.00	48.77 2.78 0.00	45.08 3.18 0.00	42.75 3.44 0.00	46.02 3.59 -0.60	51.16 4.08 0.00	50.36 4.07 0.00	68.33 5.87 0.00	66.91 6.17 0.00	156.44 13.89 0.00	330.45 28.12 0.00	515.06 42.87 0.00	122.16 10.03 0.00	134.63 10.13 -0.01	124.93 9.66 -0.01	59.90 4.47 -0.01	47.38 3.75 0.00	46.95 3.84 0.00
RIVERSIDE_115KV_TB3 55908	35.36 1.01 -0.25	44.34 1.18 0.00	38.85 1.00 0.00	32.77 0.93 0.00	32.31 0.91 0.00	34.44 0.90 0.00	38.37 0.90 0.00	47.05 1.07 0.00	42.78 0.89 0.00	40.22 0.91 0.00	42.80 0.87 -0.10	47.97 0.90 0.00	47.11 0.82 0.00	64.00 1.54 0.00	62.48 1.74 0.00	146.96 4.42 0.00	310.88 8.55 0.00	486.25 14.07 0.00	115.62 3.48 0.00	128.15 3.65 0.00	118.62 3.36 0.00	56.92 1.49 0.00	44.85 1.22 0.00	44.35 1.23 0.00
ROARING___BROOK_WT_PWR 323790	32.58 -1.52 0.00	41.42 -1.74 0.00	36.81 -1.04 0.00	31.26 -0.58 0.00	30.87 -0.53 0.00	33.02 -0.51 0.00	36.71 -0.76 0.00	45.01 -0.98 0.00	41.25 -0.65 0.00	38.62 -0.69 0.00	41.03 -0.80 0.00	46.01 -1.07 0.00	45.10 -1.19 0.00	60.53 -1.93 0.00	58.81 -1.94 0.00	-231.61 -4.31 369.86	191.05 -8.84 102.44	459.75 -12.44 0.00	109.08 -3.06 0.00	120.94 -3.55 0.00	112.20 -3.06 0.00	54.06 -1.37 0.00	42.73 -0.89 0.00	42.41 -0.70 0.00
ROCHESRG_115KV_T4 355643	35.48 1.38 0.00	44.04 0.88 0.00	38.17 0.32 0.00	31.69 -0.15 0.00	31.31 -0.09 0.00	33.54 0.00 0.00	37.67 0.20 0.00	46.81 0.82 0.00	43.54 1.64 0.00	40.86 1.54 0.00	43.89 2.06 0.00	49.90 2.83 0.00	49.38 3.08 0.00	66.06 3.59 0.00	63.29 2.55 0.00	146.70 4.15 0.00	310.30 7.98 0.00	480.62 8.43 0.00	114.26 2.12 0.00	128.46 3.97 0.00	117.54 2.27 0.00	57.08 1.65 0.00	45.34 1.72 0.00	44.70 1.59 0.00

ROCHESTER_9_IC 23652	35.76 1.67 0.00	44.38 1.21 0.00	38.45 0.61 0.00	31.92 0.08 0.00	31.53 0.12 0.00	33.77 0.24 0.00	37.94 0.48 0.00	47.14 1.15 0.00	43.89 1.99 0.00	41.21 1.90 0.00	44.30 2.46 0.00	50.40 3.32 0.00	49.88 3.59 0.00	66.75 4.29 0.00	63.96 3.22 0.00	148.26 5.71 0.00	313.63 11.30 0.00	485.77 13.58 0.00	115.54 3.40 0.00	129.83 5.33 0.00	118.71 3.44 0.00	57.63 2.20 0.00	45.77 2.15 0.00	45.08 1.97 0.00
ROCKVIEW_13_KV_LD 356306	37.82 2.20 -1.52	45.52 2.36 0.00	39.87 2.03 0.00	33.56 1.72 0.00	33.03 1.63 0.00	35.26 1.73 0.00	39.49 2.02 0.00	48.40 2.41 0.00	44.62 2.72 0.00	42.42 3.10 0.00	45.72 3.29 -0.60	50.81 3.73 0.00	50.02 3.73 0.00	67.73 5.27 0.00	66.22 5.48 0.00	155.61 13.07 0.00	328.57 26.24 0.00	511.55 39.36 0.00	121.21 9.07 0.00	133.80 9.30 0.00	123.69 8.42 0.00	59.26 3.83 0.00	46.68 3.06 0.00	46.28 3.17 0.00
ROME____115KV_TB2 80656	35.56 1.44 -0.02	44.81 1.61 -0.04	39.22 1.37 0.00	33.03 1.19 0.00	32.62 1.22 0.00	34.95 1.42 0.00	39.13 1.66 0.00	48.62 2.15 -0.48	44.03 2.04 -0.09	41.29 1.97 -0.01	43.96 2.11 -0.02	49.84 2.45 -0.31	49.17 2.52 -0.36	67.15 3.49 -1.20	65.05 3.31 -0.99	144.12 7.95 6.38	318.38 17.82 1.77	499.63 27.44 0.00	119.40 7.27 0.00	133.02 8.52 -0.01	125.39 8.17 -1.95	59.96 3.81 -0.72	46.44 2.78 -0.04	45.74 2.51 -0.13
ROSETON____1 23587	35.70 1.60 0.00	44.88 1.72 0.00	39.32 1.47 0.00	33.11 1.27 0.00	32.60 1.20 0.00	34.78 1.25 0.00	38.92 1.45 0.00	47.71 1.72 0.00	43.80 1.90 0.00	41.49 2.18 0.00	44.14 2.31 0.00	49.64 2.56 0.00	48.79 2.50 0.00	66.05 3.59 0.00	64.57 3.83 0.00	151.64 9.10 0.00	320.57 18.24 0.00	500.00 27.82 0.00	118.63 6.49 0.00	131.05 6.55 0.00	121.23 5.96 0.00	58.14 2.71 0.00	45.83 2.21 0.00	45.42 2.31 0.00
ROSETON____2 23588	35.70 1.60 0.00	44.88 1.72 0.00	39.32 1.47 0.00	33.11 1.27 0.00	32.60 1.20 0.00	34.78 1.25 0.00	38.92 1.45 0.00	47.71 1.72 0.00	43.80 1.90 0.00	41.49 2.18 0.00	44.14 2.31 0.00	49.64 2.56 0.00	48.79 2.50 0.00	66.05 3.59 0.00	64.57 3.83 0.00	151.64 9.10 0.00	320.57 18.24 0.00	500.00 27.82 0.00	118.63 6.49 0.00	131.05 6.55 0.00	121.23 5.96 0.00	58.14 2.71 0.00	45.83 2.21 0.00	45.42 2.31 0.00
ROTTDRAM_115KV_TB3 80664	35.53 1.21 -0.22	44.61 1.45 0.00	39.08 1.23 0.00	32.90 1.06 0.00	32.44 1.04 0.00	34.63 1.10 0.00	38.66 1.19 0.00	47.43 1.44 0.00	43.13 1.23 0.00	40.54 1.23 -0.09	43.16 1.24 0.00	48.43 1.35 0.00	47.62 1.32 0.00	64.51 2.05 0.00	62.88 2.13 0.00	147.84 5.29 0.00	313.10 10.78 0.00	489.44 17.25 0.00	116.61 4.48 0.00	129.47 4.98 0.00	119.98 4.71 0.00	57.60 2.17 0.00	45.34 1.72 0.00	44.75 1.64 0.00
RUSSELL____1 23602	36.02 1.92 0.00	44.68 1.51 0.00	38.69 0.85 0.00	32.11 0.27 0.00	31.72 0.32 0.00	33.97 0.44 0.00	38.18 0.71 0.00	47.44 1.45 0.00	44.17 2.27 0.00	41.50 2.19 0.00	44.64 2.81 0.00	50.81 3.74 0.00	50.34 4.05 0.00	67.36 4.90 0.00	64.55 3.81 0.00	149.69 7.14 0.00	316.88 14.56 0.00	490.53 18.35 0.00	116.70 4.56 0.00	131.08 6.59 0.00	119.84 4.58 0.00	58.16 2.73 0.00	46.16 2.54 0.00	45.43 2.32 0.00
RUSSELL____2 23532	36.02 1.92 0.00	44.68 1.51 0.00	38.69 0.85 0.00	32.11 0.27 0.00	31.72 0.32 0.00	33.97 0.44 0.00	38.18 0.71 0.00	47.44 1.45 0.00	44.17 2.27 0.00	41.50 2.19 0.00	44.64 2.81 0.00	50.81 3.74 0.00	50.34 4.05 0.00	67.36 4.90 0.00	64.55 3.81 0.00	149.69 7.14 0.00	316.88 14.56 0.00	490.53 18.35 0.00	116.70 4.56 0.00	131.08 6.59 0.00	119.84 4.58 0.00	58.16 2.73 0.00	46.16 2.54 0.00	45.43 2.32 0.00
RUSSELL____3 23549	36.02 1.92 0.00	44.68 1.51 0.00	38.69 0.85 0.00	32.11 0.27 0.00	31.72 0.32 0.00	33.97 0.44 0.00	38.18 0.71 0.00	47.44 1.45 0.00	44.17 2.27 0.00	41.50 2.19 0.00	44.64 2.81 0.00	50.81 3.74 0.00	50.34 4.05 0.00	67.36 4.90 0.00	64.55 3.81 0.00	149.69 7.14 0.00	316.88 14.56 0.00	490.53 18.35 0.00	116.70 4.56 0.00	131.08 6.59 0.00	119.84 4.58 0.00	58.16 2.73 0.00	46.16 2.54 0.00	45.43 2.32 0.00
RUSSELL____4 23556	36.02 1.92 0.00	44.68 1.51 0.00	38.69 0.85 0.00	32.11 0.27 0.00	31.72 0.32 0.00	33.97 0.44 0.00	38.18 0.71 0.00	47.44 1.45 0.00	44.17 2.27 0.00	41.50 2.19 0.00	44.64 2.81 0.00	50.81 3.74 0.00	50.34 4.05 0.00	67.36 4.90 0.00	64.55 3.81 0.00	149.69 7.14 0.00	316.88 14.56 0.00	490.53 18.35 0.00	116.70 4.56 0.00	131.08 6.59 0.00	119.84 4.58 0.00	58.16 2.73 0.00	46.16 2.54 0.00	45.43 2.32 0.00
RUSSELL____STATION 23914	36.02 1.92 0.00	44.68 1.51 0.00	38.69 0.85 0.00	32.11 0.27 0.00	31.72 0.32 0.00	33.97 0.44 0.00	38.18 0.71 0.00	47.44 1.45 0.00	44.17 2.27 0.00	41.50 2.19 0.00	44.64 2.81 0.00	50.81 3.74 0.00	50.34 4.05 0.00	67.36 4.90 0.00	64.55 3.81 0.00	149.69 7.14 0.00	316.88 14.56 0.00	490.53 18.35 0.00	116.70 4.56 0.00	131.08 6.59 0.00	119.84 4.58 0.00	58.16 2.73 0.00	46.16 2.54 0.00	45.43 2.32 0.00
S SALMON____HYD 24043	34.02 -0.19 -0.11	42.93 -0.44 -0.20	37.48 -0.36 0.00	31.55 -0.30 0.00	31.19 -0.20 0.00	33.44 -0.09 0.00	37.36 -0.11 0.00	48.16 -0.06 -2.22	42.54 0.20 -0.44	39.54 0.18 -0.05	42.14 0.21 -0.09	48.81 0.27 -1.46	48.37 0.42 -1.66	68.47 0.40 -5.61	65.67 0.28 -4.65	126.77 0.71 16.49	298.74 0.97 4.56	474.42 2.23 0.00	113.34 1.21 0.00	126.92 2.40 -0.02	126.57 2.20 -9.10	59.70 0.92 -3.35	44.45 0.66 -0.17	44.28 0.57 -0.59
S.PERRY__115KV_TB1 80734	35.79 1.70 0.00	44.44 1.28 0.00	38.43 0.59 0.00	31.84 0.00 0.00	31.55 0.15 0.00	33.92 0.39 0.00	38.25 0.78 0.00	47.61 1.62 0.00	43.89 1.99 0.00	41.07 1.76 0.00	44.07 2.23 0.00	50.18 3.10 0.00	49.99 3.70 0.00	65.72 3.26 0.00	61.25 0.51 0.00	144.77 2.22 0.00	304.94 2.62 0.00	475.75 3.57 0.00	112.92 0.78 0.00	127.60 3.11 0.00	115.60 0.34 0.00	56.74 1.31 0.00	46.59 2.97 0.00	45.79 2.67 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	35.86 1.76 0.00	44.20 1.04 0.00	38.11 0.27 0.00	31.44 -0.40 0.00	31.11 -0.29 0.00	33.36 -0.17 0.00	37.56 0.09 0.00	46.92 0.93 0.00	44.14 2.24 0.00	41.28 1.96 0.00	44.43 2.59 0.00	50.68 3.60 0.00	50.15 3.86 0.00	66.62 4.16 0.00	63.32 2.58 0.00	145.91 3.37 0.00	307.96 5.63 0.00	474.44 2.25 0.00	112.53 0.39 0.00	127.61 3.12 0.00	116.63 1.36 0.00	56.97 1.54 0.00	45.62 2.00 0.00	45.10 1.98 0.00
SAWYER____23_KV_LOAD 55526	35.86 1.76 0.00	44.20 1.04 0.00	38.11 0.27 0.00	31.44 -0.40 0.00	31.11 -0.29 0.00	33.36 -0.17 0.00	37.56 0.09 0.00	46.92 0.93 0.00	44.14 2.24 0.00	41.28 1.96 0.00	44.43 2.59 0.00	50.68 3.60 0.00	50.15 3.86 0.00	66.62 4.16 0.00	63.32 2.58 0.00	145.91 3.37 0.00	307.96 5.63 0.00	474.44 2.25 0.00	112.53 0.39 0.00	127.61 3.12 0.00	116.63 1.36 0.00	56.97 1.54 0.00	45.62 2.00 0.00	45.10 1.98 0.00

SITHE___INDEPEND 23800	33.02 -0.63 0.45	41.32 -1.01 0.84	36.86 -0.98 0.00	30.94 -0.90 0.00	30.53 -0.87 0.00	32.63 -0.90 0.00	36.52 -0.95 0.00	35.86 -1.05 9.08	39.29 -0.79 1.81	38.42 -0.69 0.20	40.78 -0.67 0.38	40.46 -0.65 5.96	39.00 -0.52 6.77	38.75 -0.81 22.91	40.83 -0.93 18.98	137.60 -2.42 2.53	296.47 -5.11 0.74	463.24 -8.95 0.00	110.11 -2.02 0.00	122.49 -1.92 0.09	76.04 -2.06 37.17	40.77 -0.97 13.69	42.19 -0.72 0.71	39.91 -0.78 2.42
SITHE___MASSENA 23902	33.23 -0.86 0.00	42.30 -0.86 0.00	37.27 -0.57 0.00	31.44 -0.40 0.00	30.97 -0.43 0.00	33.06 -0.48 0.00	36.84 -0.63 0.00	45.20 -0.79 0.00	41.13 -0.77 0.00	38.40 -0.91 0.00	40.76 -1.07 0.00	45.71 -1.37 0.00	44.77 -1.52 0.00	60.26 -2.21 0.00	58.53 -2.22 0.00	-91.55 -5.67 228.43	228.44 -10.62 63.27	457.74 -14.45 0.00	108.05 -4.09 0.00	119.81 -4.69 0.00	111.74 -3.52 0.00	53.74 -1.69 0.00	42.31 -1.31 0.00	42.07 -1.04 0.00
SITHE___OGDNSBRG 24021	33.54 -0.56 0.00	42.66 -0.51 0.00	37.62 -0.23 0.00	31.74 -0.10 0.00	31.26 -0.14 0.00	33.36 -0.17 0.00	37.21 -0.25 0.00	45.53 -0.46 0.00	41.15 -0.75 0.00	38.27 -1.04 0.00	40.58 -1.26 0.00	45.44 -1.64 0.00	44.46 -1.83 0.00	59.92 -2.55 0.00	58.29 -2.45 0.00	-68.29 -6.71 204.13	233.43 -12.36 56.54	456.52 -15.67 0.00	108.46 -3.68 0.00	121.14 -3.35 0.00	113.70 -1.56 0.00	54.66 -0.77 0.00	42.95 -0.68 0.00	42.70 -0.41 0.00
SITHE___STERLING 23777	35.40 1.28 -0.03	44.60 1.39 -0.05	38.99 1.14 0.00	32.78 0.94 0.00	32.38 0.98 0.00	34.66 1.13 0.00	38.82 1.35 0.00	48.26 1.75 -0.51	43.68 1.68 -0.10	40.95 1.63 -0.01	43.61 1.76 -0.02	49.53 2.11 -0.34	48.87 2.20 -0.38	66.76 3.00 -1.30	64.65 2.83 -1.08	149.43 6.74 -0.14	317.51 15.14 -0.04	494.82 22.63 0.00	118.05 5.91 0.00	131.40 6.90 0.00	123.98 6.61 -2.11	59.31 3.10 -0.78	45.95 2.29 -0.04	45.30 2.05 -0.14
SLEIGHT___34_KV_TB1 80719	35.30 1.19 -0.02	43.97 0.78 -0.03	38.18 0.33 0.00	31.82 -0.02 0.00	31.42 0.02 0.00	33.66 0.13 0.00	37.83 0.36 0.00	47.23 0.90 -0.34	43.44 1.47 -0.07	40.81 1.49 -0.01	43.82 1.97 -0.02	49.94 2.63 -0.22	49.47 2.92 -0.26	66.85 3.52 -0.87	64.24 2.78 -0.72	147.86 5.22 -0.10	313.38 11.03 -0.03	486.20 14.01 0.00	115.75 3.61 0.00	129.59 5.09 0.00	120.16 3.49 -1.40	57.89 1.94 -0.52	45.39 1.74 -0.03	44.72 1.51 -0.09
SOUTH CAIRO___GT 23612	36.75 2.66 0.00	46.38 3.22 0.00	40.53 2.69 0.00	34.13 2.29 0.00	33.66 2.26 0.00	35.92 2.39 0.00	40.06 2.59 0.00	49.14 3.15 0.00	44.33 2.44 0.00	41.33 2.02 0.00	43.53 1.70 0.00	48.87 1.79 0.00	47.89 1.60 0.00	65.46 3.00 0.00	63.75 3.01 0.00	150.87 8.32 0.00	319.14 16.81 0.00	503.92 31.73 0.00	120.81 8.68 0.00	134.98 10.49 0.00	124.94 9.67 0.00	59.84 4.41 0.00	46.97 3.35 0.00	46.44 3.32 0.00
SOUTH HAMPTN___IC 23720	49.77 3.34 -12.33	58.17 3.80 -11.21	54.20 3.38 -12.97	58.00 3.05 -23.10	56.11 3.05 -21.66	49.16 3.13 -12.49	41.03 3.56 0.00	48.59 2.60 0.00	45.50 3.60 0.00	43.16 3.85 0.00	46.77 4.34 -0.60	52.14 5.06 0.00	52.34 5.21 -0.85	69.83 7.01 -0.36	91.34 7.56 -23.04	210.96 18.12 -50.29	434.40 37.48 -94.58	532.91 55.80 -4.91	177.81 12.20 -53.48	225.40 12.98 -87.92	229.60 12.10 -102.24	108.01 5.47 -47.12	47.58 3.96 0.00	46.45 3.34 0.00
SOUTHDOW___115KV_TB1 355954	37.89 3.79 0.00	46.68 3.52 0.00	40.23 2.39 0.00	33.24 1.40 0.00	32.95 1.55 0.00	35.46 1.93 0.00	40.07 2.61 0.00	50.15 4.16 0.00	47.16 5.26 0.00	44.31 5.00 -16.70	64.76 6.23 -8.35	63.56 8.13 0.00	53.79 7.50 0.00	70.91 8.45 0.00	67.38 6.64 0.00	155.18 12.63 0.00	330.39 28.07 0.00	504.57 32.38 0.00	121.14 9.00 0.00	137.11 12.62 0.00	126.63 11.37 0.00	62.45 7.02 0.00	49.48 5.85 0.00	48.07 4.96 0.00
SOUTHOLD_69_KV_BK 2 55809	49.84 3.42 -12.33	58.20 3.83 -11.21	54.29 3.48 -12.97	58.30 3.35 -23.10	56.52 3.47 -21.66	49.52 3.50 -12.49	41.56 4.09 0.00	49.40 3.41 0.00	46.41 4.52 0.00	43.18 3.87 0.00	46.91 4.48 -0.60	52.58 5.50 0.00	52.64 5.50 -0.85	70.30 7.48 -0.36	91.72 7.93 -23.05	211.11 18.21 -50.35	434.15 37.23 -94.60	531.85 54.73 -4.92	177.26 11.47 -53.65	224.37 11.66 -88.22	228.74 10.93 -102.54	107.59 5.02 -47.14	47.32 3.70 0.00	46.12 3.01 0.00
SOUTHOLD___IC 23719	49.85 3.42 -12.33	58.20 3.83 -11.21	54.29 3.48 -12.97	58.30 3.36 -23.10	56.52 3.47 -21.66	49.53 3.50 -12.49	41.55 4.08 0.00	49.40 3.41 0.00	46.42 4.52 0.00	43.19 3.87 0.00	46.92 4.49 -0.60	52.57 5.49 0.00	52.64 5.51 -0.85	70.30 7.47 -0.36	91.72 7.94 -23.05	211.06 18.16 -50.35	434.18 37.25 -94.60	531.89 54.78 -4.92	177.28 11.49 -53.66	224.38 11.66 -88.22	228.74 10.94 -102.54	107.60 5.03 -47.14	47.32 3.70 0.00	46.12 3.01 0.00
SOUTH_FORK_WT_PWR 323839	49.39 2.96 -12.33	57.64 3.26 -11.21	53.86 3.05 -12.97	58.12 3.17 -23.10	56.44 3.39 -21.66	49.36 3.34 -12.49	41.45 3.98 0.00	49.27 3.28 0.00	46.34 4.45 0.00	43.51 4.20 0.00	47.36 4.92 -0.60	53.21 6.13 0.00	53.13 6.00 -0.85	70.91 8.08 -0.36	92.15 8.37 -23.04	211.86 19.00 -50.32	436.32 39.40 -94.59	534.59 57.49 -4.92	177.54 11.84 -53.56	224.44 11.88 -88.06	228.60 10.95 -102.38	107.54 4.98 -47.13	47.41 3.78 0.00	46.09 2.98 0.00
SPIERFLS_115KV_TB 1 80737	36.82 2.49 -0.24	46.09 2.93 0.00	40.45 2.61 0.00	34.07 2.23 0.00	33.67 2.27 0.00	35.94 2.40 0.00	40.05 2.58 0.00	49.20 3.21 0.00	44.68 2.79 0.00	42.05 2.74 0.00	44.52 2.60 -0.09	50.04 2.96 0.00	49.21 2.92 0.00	67.05 4.58 0.00	65.39 4.64 0.00	154.18 11.63 0.00	326.70 24.37 0.00	509.74 37.55 0.00	122.40 10.26 0.00	136.00 11.50 0.00	126.38 11.12 0.00	60.64 5.22 0.00	47.52 3.90 0.00	46.65 3.54 0.00
ST LAWRENCE____ 23600	32.97 -1.13 0.00	41.99 -1.18 0.00	36.97 -0.87 0.00	31.17 -0.67 0.00	30.74 -0.66 0.00	32.80 -0.73 0.00	36.57 -0.90 0.00	44.86 -1.12 0.00	40.85 -1.05 0.00	38.14 -1.17 0.00	40.55 -1.28 0.00	45.49 -1.59 0.00	44.56 -1.73 0.00	59.97 -2.49 0.00	58.26 -2.49 0.00	-102.13 -5.91 238.77	224.80 -11.40 66.13	456.04 -16.15 0.00	108.04 -4.09 0.00	119.78 -4.71 0.00	111.16 -4.11 0.00	53.56 -1.87 0.00	42.18 -1.44 0.00	41.76 -1.35 0.00
STATE_CA_115KV_115_LB 55624	35.45 1.11 -0.25	44.47 1.31 0.00	38.94 1.10 0.00	32.85 1.01 0.00	32.37 0.98 0.00	34.52 0.99 0.00	38.49 1.02 0.00	47.21 1.22 0.00	42.94 1.04 0.00	40.37 1.05 0.00	42.98 1.05 -0.10	48.19 1.11 0.00	47.33 1.04 0.00	64.29 1.83 0.00	62.76 2.02 0.00	147.67 5.12 0.00	312.28 9.95 0.00	488.34 16.15 0.00	116.07 3.93 0.00	128.61 4.11 0.00	119.05 3.79 0.00	57.10 1.67 0.00	44.97 1.35 0.00	44.46 1.35 0.00
STATE_ST_34_KV_LOAD 55959	35.24 1.07 -0.07	44.11 0.81 -0.13	38.46 0.62 0.00	32.25 0.41 0.00	31.82 0.42 0.00	34.05 0.52 0.00	38.18 0.72 0.00	48.56 1.13 -1.44	43.33 1.14 -0.29	40.54 1.20 -0.03	43.38 1.49 -0.06	49.79 1.77 -0.95	49.40 2.03 -1.08	68.60 2.50 -3.64	65.84 2.08 -3.01	147.27 4.32 -0.40	312.32 9.87 -0.12	485.54 13.35 0.00	115.79 3.66 0.00	129.15 4.64 -0.01	125.06 3.89 -5.91	59.52 1.92 -2.18	45.38 1.64 -0.11	44.91 1.41 -0.38

STATION 5_MISC_HYD 23604	35.76 1.67 0.00	44.38 1.22 0.00	38.45 0.61 0.00	31.92 0.08 0.00	31.53 0.12 0.00	33.77 0.24 0.00	37.94 0.48 0.00	47.14 1.16 0.00	43.89 1.99 0.00	41.20 1.89 0.00	44.30 2.46 0.00	50.40 3.32 0.00	49.89 3.60 0.00	66.75 4.29 0.00	63.97 3.22 0.00	148.22 5.68 0.00	313.55 11.23 0.00	485.44 13.25 0.00	115.52 3.38 0.00	129.82 5.32 0.00	118.72 3.46 0.00	57.63 2.20 0.00	45.77 2.15 0.00	45.09 1.98 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	35.77 1.66 -0.02	44.50 1.30 -0.03	38.59 0.74 0.00	32.14 0.30 0.00	31.75 0.35 0.00	34.03 0.50 0.00	38.23 0.76 0.00	47.82 1.47 -0.37	44.07 2.10 -0.07	41.42 2.10 -0.01	44.45 2.60 -0.02	50.71 3.40 -0.24	50.26 3.70 -0.27	67.93 4.54 -0.92	65.16 3.65 -0.76	149.93 7.28 -0.10	317.90 15.54 -0.03	492.66 20.48 0.00	117.34 5.21 0.00	131.34 6.84 0.00	121.78 5.01 -1.50	58.71 2.73 -0.55	45.98 2.33 -0.03	45.31 2.10 -0.10
STA_56_34_KV_BUS2_REV_LBMP_B 345033	35.54 1.44 0.00	44.13 0.96 0.00	38.23 0.39 0.00	31.75 -0.08 0.00	31.37 -0.03 0.00	33.60 0.07 0.00	37.75 0.28 0.00	46.90 0.91 0.00	43.62 1.73 0.00	41.00 1.69 0.00	44.07 2.24 0.00	50.14 3.06 0.00	49.64 3.35 0.00	66.48 4.02 0.00	63.76 3.01 0.00	147.90 5.35 0.00	313.08 10.75 0.00	485.05 12.86 0.00	115.30 3.17 0.00	129.45 4.96 0.00	118.37 3.11 0.00	57.39 1.96 0.00	45.52 1.90 0.00	44.82 1.71 0.00
STA_56____34_KV_BUS2 355983	35.54 1.44 0.00	44.13 0.96 0.00	38.23 0.39 0.00	31.75 -0.08 0.00	31.37 -0.03 0.00	33.60 0.07 0.00	37.75 0.28 0.00	46.90 0.91 0.00	43.62 1.73 0.00	41.00 1.69 0.00	44.07 2.24 0.00	50.14 3.06 0.00	49.64 3.35 0.00	66.48 4.02 0.00	63.76 3.01 0.00	147.90 5.35 0.00	313.08 10.75 0.00	485.05 12.86 0.00	115.30 3.17 0.00	129.45 4.96 0.00	118.37 3.11 0.00	57.39 1.96 0.00	45.52 1.90 0.00	44.82 1.71 0.00
STA_67____115KV_BK2 355882	35.65 1.56 0.00	44.25 1.09 0.00	38.35 0.50 0.00	31.83 0.00 0.00	31.44 0.04 0.00	33.68 0.15 0.00	37.84 0.37 0.00	47.01 1.02 0.00	43.76 1.86 0.00	41.07 1.76 0.00	44.14 2.31 0.00	50.21 3.13 0.00	49.69 3.40 0.00	66.48 4.02 0.00	63.70 2.95 0.00	147.69 5.14 0.00	312.42 10.09 0.00	483.88 11.69 0.00	115.04 2.90 0.00	129.32 4.83 0.00	118.30 3.03 0.00	57.41 1.99 0.00	45.61 1.98 0.00	44.94 1.82 0.00
STA_7____115KV_9TRANS 80674	36.02 1.92 0.00	44.68 1.51 0.00	38.69 0.85 0.00	32.11 0.27 0.00	31.72 0.32 0.00	33.97 0.44 0.00	38.18 0.71 0.00	47.44 1.45 0.00	44.17 2.27 0.00	41.50 2.19 0.00	44.64 2.81 0.00	50.81 3.74 0.00	50.34 4.05 0.00	67.36 4.90 0.00	64.55 3.81 0.00	149.69 7.14 0.00	316.88 14.56 0.00	490.53 18.35 0.00	116.70 4.56 0.00	131.08 6.59 0.00	119.84 4.58 0.00	58.16 2.73 0.00	46.16 2.54 0.00	45.43 2.32 0.00
STA_82____115KV_TB1 80780	35.68 1.58 0.00	44.28 1.12 0.00	38.35 0.51 0.00	31.84 0.00 0.00	31.45 0.05 0.00	33.70 0.17 0.00	37.86 0.39 0.00	47.04 1.06 0.00	43.77 1.87 0.00	41.09 1.78 0.00	44.17 2.33 0.00	50.24 3.16 0.00	49.74 3.45 0.00	66.53 4.07 0.00	63.76 3.01 0.00	147.79 5.25 0.00	312.70 10.37 0.00	484.15 11.96 0.00	115.14 3.00 0.00	129.42 4.92 0.00	118.36 3.10 0.00	57.47 2.04 0.00	45.64 2.02 0.00	44.96 1.85 0.00
STEEL____WIND 323596	36.20 2.11 0.00	44.65 1.49 0.00	38.49 0.65 0.00	31.77 -0.07 0.00	31.45 0.05 0.00	33.73 0.20 0.00	37.98 0.51 0.00	47.47 1.49 0.00	44.65 2.76 0.00	41.83 2.52 0.00	45.00 3.17 0.00	51.37 4.29 0.00	50.87 4.58 0.00	67.61 5.14 0.00	64.34 3.59 0.00	148.28 5.73 0.00	313.54 11.22 0.00	481.69 9.50 0.00	114.43 2.29 0.00	129.54 5.05 0.00	118.57 3.30 0.00	57.79 2.37 0.00	46.16 2.54 0.00	45.61 2.50 0.00
STEPHTWN_115KV_BK_2 55603	35.61 1.26 -0.25	44.60 1.44 0.00	39.06 1.22 0.00	32.90 1.06 0.00	32.45 1.05 0.00	34.59 1.06 0.00	38.66 1.19 0.00	47.47 1.48 0.00	43.17 1.28 0.00	40.56 1.25 0.00	43.14 1.21 -0.10	48.28 1.20 0.00	47.22 0.93 0.00	64.49 2.03 0.00	62.70 1.96 0.00	148.20 5.65 0.00	313.08 10.75 0.00	490.28 18.09 0.00	116.56 4.43 0.00	129.24 4.74 0.00	119.71 4.44 0.00	57.24 1.81 0.00	45.07 1.45 0.00	44.59 1.47 0.00
STEUBEN_REC_LFGE 323667	35.44 1.32 -0.02	44.15 0.95 -0.04	38.13 0.28 0.00	31.66 -0.18 0.00	31.50 0.10 0.00	34.00 0.47 0.00	38.38 0.91 0.00	48.56 2.11 -0.47	44.90 2.90 -0.09	42.02 2.69 -0.01	44.96 3.11 -0.02	51.55 4.16 -0.31	51.30 4.66 -0.35	69.22 5.58 -1.19	65.84 4.11 -0.98	151.41 8.73 -0.13	321.21 18.85 -0.04	494.69 22.51 0.00	117.85 5.71 0.00	132.10 7.60 0.00	123.43 6.23 -1.93	59.66 3.52 -0.71	46.59 2.93 -0.04	46.20 2.96 -0.13
STILLWATER____SOLAR 323814	36.75 2.41 -0.25	46.02 2.86 0.00	40.33 2.48 0.00	33.97 2.13 0.00	33.53 2.13 0.00	35.77 2.24 0.00	39.89 2.42 0.00	48.95 2.96 0.00	44.46 2.56 0.00	41.77 2.46 0.00	44.41 2.48 -0.10	49.81 2.73 0.00	48.95 2.66 0.00	66.71 4.24 0.00	65.13 4.38 0.00	153.32 10.77 0.00	324.64 22.31 0.00	507.50 35.31 0.00	121.33 9.20 0.00	134.71 10.22 0.00	124.93 9.67 0.00	59.94 4.51 0.00	47.08 3.45 0.00	46.32 3.21 0.00
STONY____BROOK 24151	49.43 3.00 -12.33	57.83 3.46 -11.21	53.85 3.03 -12.97	57.53 2.58 -23.10	55.55 2.49 -21.66	48.63 2.61 -12.49	40.39 2.92 0.00	48.31 2.32 0.00	45.03 3.13 0.00	42.85 3.54 0.00	46.09 3.65 -0.60	51.10 4.02 0.00	51.33 4.21 -0.83	68.47 5.63 -0.38	90.70 6.25 -23.71	225.57 15.36 -67.65	430.28 30.77 -97.18	525.05 45.72 -7.14	225.97 10.18 -103.66	307.67 11.58 -171.59	316.78 11.02 -190.49	115.39 5.09 -54.86	47.28 3.66 0.00	46.49 3.38 0.00
STURGEON_POOL_HYD 23609	35.87 1.77 0.00	45.06 1.90 0.00	39.45 1.61 0.00	33.20 1.37 0.00	32.67 1.28 0.00	34.88 1.34 0.00	39.08 1.61 0.00	47.96 1.97 0.00	44.12 2.23 0.00	41.91 2.60 0.00	44.70 2.87 0.00	50.44 3.36 0.00	49.72 3.43 0.00	67.25 4.78 0.00	65.77 5.03 0.00	154.46 11.91 0.00	326.95 24.63 0.00	509.25 37.06 0.00	120.71 8.58 0.00	133.13 8.63 0.00	122.34 7.07 0.00	58.68 3.25 0.00	46.12 2.50 0.00	45.51 2.40 0.00
ST_LAW_115_BK7_LBMP 345037	32.89 -1.20 0.00	41.91 -1.25 0.00	36.92 -0.93 0.00	31.13 -0.71 0.00	30.70 -0.71 0.00	32.76 -0.77 0.00	36.50 -0.97 0.00	44.78 -1.21 0.00	40.75 -1.14 0.00	38.04 -1.27 0.00	40.44 -1.39 0.00	45.36 -1.72 0.00	44.43 -1.86 0.00	59.79 -2.68 0.00	58.07 -2.67 0.00	-100.54 -6.43 236.65	224.32 -12.46 65.55	454.63 -17.56 0.00	107.65 -4.49 0.00	119.33 -5.16 0.00	110.86 -4.41 0.00	53.40 -2.03 0.00	42.07 -1.56 0.00	41.68 -1.43 0.00
ST_LAW_115_BK8_LBMP 345038	32.89 -1.20 0.00	41.91 -1.25 0.00	36.92 -0.93 0.00	31.13 -0.71 0.00	30.70 -0.71 0.00	32.76 -0.77 0.00	36.50 -0.97 0.00	44.78 -1.21 0.00	40.75 -1.14 0.00	38.04 -1.27 0.00	40.44 -1.39 0.00	45.36 -1.72 0.00	44.43 -1.86 0.00	59.79 -2.68 0.00	58.07 -2.67 0.00	-100.54 -6.43 236.65	224.32 -12.46 65.55	454.63 -17.56 0.00	107.65 -4.49 0.00	119.33 -5.16 0.00	110.86 -4.41 0.00	53.40 -2.03 0.00	42.07 -1.56 0.00	41.68 -1.43 0.00

ST_LAW_230_BK5_LBMP 345035	32.97 -1.13 0.00	41.99 -1.18 0.00	36.97 -0.87 0.00	31.17 -0.67 0.00	30.74 -0.66 0.00	32.80 -0.73 0.00	36.57 -0.90 0.00	44.86 -1.12 0.00	40.85 -1.05 0.00	38.14 -1.17 0.00	40.55 -1.28 0.00	45.49 -1.59 0.00	44.56 -1.73 0.00	59.97 -2.49 0.00	58.26 -2.49 0.00	-104.95 -5.91 241.58	224.02 -11.40 66.91	456.04 -16.15 0.00	108.04 -4.09 0.00	119.78 -4.71 0.00	111.16 -4.11 0.00	53.56 -1.87 0.00	42.18 -1.44 0.00	41.76 -1.35 0.00
ST_LAW_230_BK6_LBMP 345036	32.97 -1.13 0.00	41.99 -1.18 0.00	36.97 -0.87 0.00	31.17 -0.67 0.00	30.74 -0.66 0.00	32.80 -0.73 0.00	36.57 -0.90 0.00	44.86 -1.12 0.00	40.85 -1.05 0.00	38.14 -1.17 0.00	40.55 -1.28 0.00	45.49 -1.59 0.00	44.56 -1.73 0.00	59.97 -2.49 0.00	58.26 -2.49 0.00	-104.95 -5.91 241.58	224.02 -11.40 66.91	456.04 -16.15 0.00	108.04 -4.09 0.00	119.78 -4.71 0.00	111.16 -4.11 0.00	53.56 -1.87 0.00	42.18 -1.44 0.00	41.76 -1.35 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	34.13 1.60 1.57	44.83 1.67 0.00	39.26 1.42 0.00	33.05 1.21 0.00	32.54 1.13 0.00	34.71 1.18 0.00	38.86 1.39 0.00	47.63 1.65 0.00	43.77 1.88 0.00	41.51 2.20 0.00	43.57 2.35 0.61	49.76 2.69 0.00	49.00 2.71 0.00	66.41 3.95 0.00	64.90 4.16 0.00	152.38 9.83 0.00	322.22 19.89 0.00	502.78 30.60 0.00	119.29 7.15 0.00	131.75 7.25 0.00	121.61 6.35 0.00	58.29 2.86 0.00	45.89 2.26 0.00	45.46 2.35 0.00
SWANROAD_115KV_TB1 355699	35.31 1.21 0.00	43.46 0.30 0.00	37.45 -0.40 0.00	30.90 -0.94 0.00	30.57 -0.83 0.00	32.77 -0.76 0.00	36.88 -0.58 0.00	46.09 0.10 0.00	43.34 1.44 0.00	40.41 1.10 0.00	43.51 1.67 0.00	49.59 2.51 0.00	49.06 2.77 0.00	65.12 2.66 0.00	61.78 1.04 0.00	142.22 -0.33 0.00	299.82 -2.51 0.00	463.45 -8.74 0.00	109.80 -2.33 0.00	124.82 0.32 0.00	113.79 -1.47 0.00	55.73 0.30 0.00	44.80 1.18 0.00	44.35 1.24 0.00
SYNERGY___BIOGAS 323694	36.90 2.81 0.00	45.47 2.31 0.00	39.21 1.37 0.00	32.38 0.54 0.00	32.01 0.61 0.00	34.34 0.81 0.00	38.70 1.23 0.00	48.38 2.39 0.00	45.28 3.38 0.00	42.33 3.02 0.00	45.55 3.71 0.00	51.95 4.87 0.00	51.58 5.29 0.00	68.87 6.40 0.00	65.62 4.88 0.00	150.92 8.37 0.00	318.89 16.57 0.00	493.93 21.74 0.00	117.83 5.69 0.00	566.18 8.95 -432.73	493.72 6.72 -371.73	75.20 3.89 -15.88	47.24 3.62 0.00	46.53 3.42 0.00
SYRACUSE___ENERGY_ST1 323597	34.67 0.49 -0.08	43.65 0.32 -0.16	37.98 0.14 0.00	31.86 0.03 0.00	31.45 0.05 0.00	33.65 0.12 0.00	37.72 0.25 0.00	48.17 0.46 -1.72	42.81 0.57 -0.34	39.93 0.58 -0.04	42.59 0.69 -0.07	49.06 0.85 -1.13	48.56 0.98 -1.28	67.98 1.17 -4.34	65.30 0.96 -3.60	145.02 1.99 -0.48	307.04 4.57 -0.14	477.76 5.57 0.00	113.73 1.59 0.00	126.67 2.15 -0.02	123.89 1.58 -7.05	58.77 0.75 -2.60	44.35 0.59 -0.13	44.00 0.43 -0.46
SYRACUSE___ENERGY_ST2 323598	34.67 0.49 -0.08	43.65 0.32 -0.16	37.98 0.14 0.00	31.86 0.03 0.00	31.45 0.05 0.00	33.65 0.12 0.00	37.72 0.25 0.00	48.17 0.46 -1.72	42.81 0.57 -0.34	39.93 0.58 -0.04	42.59 0.69 -0.07	49.06 0.85 -1.13	48.56 0.98 -1.28	67.98 1.17 -4.34	65.30 0.96 -3.60	145.02 1.99 -0.48	307.04 4.57 -0.14	477.76 5.57 0.00	113.73 1.59 0.00	126.67 2.15 -0.02	123.89 1.58 -7.05	58.77 0.75 -2.60	44.35 0.59 -0.13	44.00 0.43 -0.46
SYRACUSE___POWER 24017	34.67 0.51 -0.06	43.62 0.36 -0.10	37.99 0.15 0.00	31.87 0.03 0.00	31.46 0.05 0.00	33.65 0.12 0.00	37.72 0.25 0.00	47.58 0.47 -1.13	42.75 0.63 -0.23	40.02 0.68 -0.03	42.71 0.83 -0.05	48.93 1.11 -0.74	48.42 1.28 -0.84	66.96 1.64 -2.85	64.50 1.39 -2.36	145.81 2.94 -0.31	308.96 6.54 -0.09	480.59 8.41 0.00	114.40 2.26 0.00	127.37 2.86 -0.01	122.18 2.28 -4.63	58.20 1.07 -1.71	44.52 0.81 -0.09	44.06 0.65 -0.30
TALLMAN___138KV_BK151 55660	33.65 1.68 2.13	44.88 1.72 0.00	39.33 1.48 0.00	33.12 1.28 0.00	32.59 1.19 0.00	34.73 1.20 0.00	38.90 1.43 0.00	47.64 1.65 0.00	43.88 1.98 0.00	41.68 2.37 0.00	43.55 2.55 0.83	50.01 2.93 0.00	49.25 2.96 0.00	66.80 4.33 0.00	65.28 4.54 0.00	153.08 10.54 0.00	323.47 21.14 0.00	504.85 32.66 0.00	119.64 7.50 0.00	131.95 7.45 0.00	121.79 6.52 0.00	58.36 2.93 0.00	45.94 2.32 0.00	45.60 2.49 0.00
TEALLAVE_115KV_TB7 355573	34.47 0.33 -0.05	43.38 0.13 -0.09	37.80 -0.05 0.00	31.70 -0.14 0.00	31.29 -0.11 0.00	33.47 -0.06 0.00	37.52 0.05 0.00	47.15 0.22 -0.94	42.52 0.43 -0.19	39.85 0.52 -0.02	42.54 0.67 -0.04	48.64 0.95 -0.62	48.11 1.12 -0.70	66.23 1.41 -2.36	63.86 1.16 -1.96	145.06 2.25 -0.26	307.35 4.95 -0.08	478.23 6.05 0.00	113.74 1.60 0.00	126.66 2.15 -0.01	120.68 1.59 -3.83	57.58 0.74 -1.41	44.26 0.57 -0.07	43.80 0.43 -0.25
TELGRAPH_34_KV_EAST 80808	36.06 1.96 0.00	44.42 1.25 0.00	38.29 0.44 0.00	31.60 -0.23 0.00	31.26 -0.14 0.00	33.52 -0.01 0.00	37.74 0.27 0.00	47.19 1.20 0.00	44.33 2.43 0.00	41.39 2.08 0.00	44.61 2.77 0.00	50.91 3.83 0.00	50.42 4.13 0.00	67.07 4.61 0.00	63.76 3.02 0.00	146.88 4.33 -0.01	309.84 7.51 0.00	478.73 6.55 0.00	113.72 1.58 0.00	128.86 4.37 0.00	117.69 2.42 0.00	57.46 2.04 0.00	45.98 2.36 0.00	45.41 2.30 0.00
TEMPLE___115KV_TB 2 55572	34.50 0.36 -0.05	43.42 0.17 -0.09	37.83 -0.02 0.00	31.72 -0.12 0.00	31.31 -0.09 0.00	33.50 -0.03 0.00	37.53 0.07 0.00	47.18 0.26 -0.93	42.55 0.47 -0.19	39.89 0.56 -0.02	42.58 0.71 -0.04	48.70 1.00 -0.61	48.17 1.18 -0.70	66.30 1.48 -2.35	63.93 1.23 -1.95	145.23 2.42 -0.26	307.74 5.34 -0.08	478.75 6.56 0.00	113.84 1.70 0.00	126.75 2.24 -0.01	120.75 1.66 -3.82	57.62 0.78 -1.41	44.30 0.60 -0.07	43.83 0.47 -0.25
TIANA____69_KV_BK 1 55817	49.77 3.34 -12.33	58.18 3.81 -11.21	54.19 3.37 -12.97	57.94 2.99 -23.10	56.01 2.95 -21.66	49.09 3.07 -12.49	40.91 3.45 0.00	48.44 2.45 0.00	45.31 3.42 0.00	43.02 3.71 0.00	46.59 4.15 -0.60	51.87 4.79 0.00	52.10 4.97 -0.85	69.52 6.69 -0.36	91.05 7.26 -23.05	210.51 17.62 -50.34	433.22 36.30 -94.60	531.33 54.22 -4.92	177.71 11.95 -53.62	225.45 12.80 -88.16	229.75 11.99 -102.49	107.98 5.42 -47.13	47.51 3.89 0.00	46.42 3.31 0.00
TILDEN___115KV_TB1 80814	34.67 0.51 -0.06	43.62 0.36 -0.10	37.99 0.15 0.00	31.87 0.03 0.00	31.46 0.05 0.00	33.65 0.12 0.00	37.72 0.25 0.00	47.58 0.47 -1.13	42.75 0.63 -0.23	40.02 0.68 -0.03	42.71 0.83 -0.05	48.93 1.11 -0.74	48.42 1.28 -0.84	66.96 1.64 -2.85	64.50 1.39 -2.36	145.81 2.94 -0.31	308.96 6.54 -0.09	480.59 8.41 0.00	114.40 2.26 0.00	127.37 2.86 -0.01	122.18 2.28 -4.63	58.20 1.07 -1.71	44.52 0.81 -0.09	44.06 0.65 -0.30
TRIGEN___CC 323695	48.95 2.52 -12.33	57.16 2.78 -11.21	53.22 2.40 -12.97	56.97 2.03 -23.10	55.00 1.94 -21.66	48.07 2.05 -12.49	39.80 2.34 0.00	48.42 2.43 0.00	44.89 2.99 0.00	42.67 3.36 0.00	46.02 3.59 -0.60	50.98 3.90 0.00	50.97 4.00 -0.68	69.68 5.46 -1.75	144.42 5.81 -77.87	235.04 13.88 -78.62	467.20 28.13 -136.75	531.95 42.51 -17.25	137.34 9.57 -15.63	149.06 9.92 -14.65	147.85 9.09 -23.50	94.24 4.19 -34.62	46.84 3.22 0.00	46.18 3.06 0.00

TRINITY__115KV__4 BK 55933	35.25 0.90 -0.25	44.21 1.05 0.00	38.73 0.89 0.00	32.68 0.83 0.00	32.22 0.81 0.00	34.34 0.81 0.00	38.26 0.79 0.00	46.92 0.93 0.00	42.65 0.76 0.00	40.09 0.77 0.00	42.66 0.73 -0.10	47.81 0.73 0.00	46.94 0.65 0.00	63.76 1.30 0.00	62.23 1.49 0.00	146.39 3.84 0.00	309.57 7.24 0.00	484.28 12.09 0.00	115.14 3.01 0.00	127.61 3.12 0.00	118.14 2.88 0.00	56.70 1.27 0.00	44.68 1.06 0.00	44.20 1.09 0.00
UNION__PROCESSING_DRP 323587	35.68 1.58 0.00	44.29 1.13 0.00	38.37 0.53 0.00	31.85 0.01 0.00	31.46 0.06 0.00	33.70 0.17 0.00	37.87 0.40 0.00	47.05 1.06 0.00	43.78 1.88 0.00	41.11 1.79 0.00	44.18 2.34 0.00	50.26 3.18 0.00	49.74 3.45 0.00	66.56 4.10 0.00	63.78 3.04 0.00	147.83 5.29 0.00	312.72 10.40 0.00	484.40 12.21 0.00	115.23 3.09 0.00	129.47 4.97 0.00	118.41 3.15 0.00	57.48 2.05 0.00	45.65 2.03 0.00	44.98 1.87 0.00
UPPER HUDSON__HYD 24058	36.82 2.49 -0.24	46.09 2.93 0.00	40.45 2.61 0.00	34.07 2.23 0.00	33.67 2.27 0.00	35.93 2.40 0.00	40.05 2.58 0.00	49.20 3.21 0.00	44.68 2.79 0.00	42.05 2.74 0.00	44.53 2.60 -0.09	50.04 2.96 0.00	49.21 2.93 0.00	67.05 4.58 0.00	65.39 4.64 0.00	154.18 11.63 0.00	326.70 24.38 0.00	509.78 37.59 0.00	122.40 10.26 0.00	136.00 11.50 0.00	126.38 11.12 0.00	60.64 5.22 0.00	47.52 3.90 0.00	46.65 3.54 0.00
UPPER RAQUET__HYD 24056	32.71 -1.40 -0.02	41.61 -1.58 -0.03	36.69 -1.16 0.00	31.00 -0.84 0.00	30.48 -0.92 0.00	32.45 -1.08 0.00	36.17 -1.30 0.00	44.67 -1.61 -0.29	40.43 -1.53 -0.06	37.69 -1.63 -0.01	39.99 -1.85 -0.01	44.98 -2.30 -0.19	44.06 -2.45 -0.22	59.76 -3.44 -0.75	57.98 -3.38 -0.62	-54.28 -8.21 188.62	234.40 -15.69 52.24	450.75 -21.44 0.00	106.65 -5.49 0.00	118.59 -5.90 0.00	112.11 -4.36 -1.20	53.68 -2.19 -0.45	41.87 -1.77 -0.02	41.84 -1.35 -0.08
VALLEY44_115KV_TB2 355964	36.12 2.02 0.00	44.62 1.46 0.00	38.60 0.75 0.00	31.92 0.08 0.00	31.60 0.20 0.00	33.93 0.40 0.00	38.34 0.87 0.00	47.65 1.66 0.00	44.50 2.60 0.00	41.65 2.34 0.00	44.43 2.60 0.00	50.47 3.39 0.00	50.19 3.89 0.00	66.81 4.35 0.00	63.84 3.10 0.00	147.23 4.68 0.00	312.27 9.94 0.00	479.20 7.01 0.00	113.02 0.88 0.00	126.77 2.27 0.00	116.40 1.13 0.00	56.55 1.12 0.00	44.97 1.34 0.00	44.73 1.61 0.00
VALLEY__115KV_TB 1-4 80826	35.04 0.94 0.00	44.09 0.92 0.00	38.48 0.64 0.00	32.45 0.61 0.00	32.06 0.66 0.00	34.27 0.74 0.00	38.30 0.83 0.00	46.81 0.82 0.00	42.59 0.69 0.00	39.94 0.63 0.00	42.48 0.65 0.00	47.82 0.74 0.00	47.10 0.81 0.00	63.35 0.88 0.00	61.70 0.96 -12.16	157.80 3.09 -3.37	312.01 6.32 0.00	482.51 10.33 0.00	115.64 3.50 0.00	128.56 4.06 0.00	119.38 4.11 0.00	57.28 1.85 0.00	45.02 1.40 0.00	44.38 1.27 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	35.86 1.75 -0.02	45.31 2.12 -0.03	39.60 1.76 0.00	33.27 1.42 0.00	32.82 1.42 0.00	35.09 1.55 0.00	39.31 1.84 0.00	48.59 2.31 -0.29	43.96 2.00 -0.06	41.52 2.20 -0.01	44.29 2.45 -0.01	50.15 2.88 -0.20	49.45 2.94 -0.22	67.07 3.87 -0.74	65.08 3.72 -0.61	151.23 8.60 -0.08	321.09 18.74 -0.02	500.34 28.16 0.00	118.99 6.85 0.00	132.04 7.54 0.00	123.39 6.93 -1.20	59.13 3.26 -0.44	46.15 2.50 -0.02	45.59 2.40 -0.08
VISCHER__FERRY HYD 24020	36.02 1.67 -0.26	45.16 2.00 0.00	39.57 1.72 0.00	33.37 1.53 0.00	32.91 1.51 0.00	35.07 1.54 0.00	39.06 1.60 0.00	47.89 1.90 0.00	43.54 1.64 0.00	40.89 1.58 0.00	43.53 1.59 -0.10	48.78 1.70 0.00	47.89 1.60 0.00	65.23 2.77 0.00	63.76 3.01 0.00	149.92 7.37 0.00	316.71 14.38 0.00	495.37 23.18 0.00	118.01 5.87 0.00	130.89 6.39 0.00	121.29 6.02 0.00	58.24 2.81 0.00	45.85 2.23 0.00	45.22 2.11 0.00
V_A_10_SYNC_DSASP 323832	35.40 1.31 0.00	43.76 0.60 0.00	37.82 -0.02 0.00	31.29 -0.55 0.00	30.93 -0.46 0.00	33.15 -0.38 0.00	37.28 -0.18 0.00	46.44 0.46 0.00	43.50 1.60 0.00	40.69 1.38 0.00	43.73 1.89 0.00	49.79 2.71 0.00	49.21 2.92 0.00	65.53 3.07 0.00	62.42 1.68 0.00	143.80 1.25 0.00	303.28 0.96 0.00	468.57 -3.62 0.00	111.31 -0.82 0.00	125.91 1.42 0.00	114.93 -0.33 0.00	56.18 0.75 0.00	44.94 1.32 0.00	44.42 1.31 0.00
V_CMM_10_SYNC_DSASP 323787	33.07 -1.03 0.00	42.11 -1.06 0.00	37.09 -0.75 0.00	31.28 -0.56 0.00	30.83 -0.57 0.00	32.91 -0.62 0.00	36.68 -0.79 0.00	45.00 -0.98 0.00	40.97 -0.93 0.00	38.26 -1.05 0.00	40.67 -1.16 0.00	45.62 -1.46 0.00	44.69 -1.61 0.00	60.14 -2.32 0.00	58.40 -2.35 0.00	-100.39 -6.28 236.65	224.67 -12.11 65.55	455.11 -17.07 0.00	107.78 -4.35 0.00	119.45 -5.04 0.00	110.99 -4.28 0.00	53.66 -1.77 0.00	42.29 -1.33 0.00	41.90 -1.21 0.00
V_CMP_10_SYNC_DSASP 323788	33.33 -0.77 0.00	42.43 -0.73 0.00	37.35 -0.50 0.00	31.59 -0.26 0.00	31.17 -0.23 0.00	33.26 -0.27 0.00	36.91 -0.56 0.00	45.29 -0.70 0.00	41.33 -0.56 0.00	38.93 -0.38 0.00	41.38 -0.45 0.00	46.39 -0.69 0.00	44.89 -1.40 0.00	59.71 -2.75 0.00	57.66 -3.08 0.00	-101.19 -6.73 237.00	228.44 -8.24 65.64	459.36 -12.82 0.00	109.53 -2.61 0.00	121.48 -3.02 0.00	112.90 -2.37 0.00	54.18 -1.25 0.00	42.90 -0.72 0.00	42.41 -0.70 0.00
V_D_10_SYNC_DSASP 323841	33.24 -0.86 0.00	42.32 -0.84 0.00	37.28 -0.57 0.00	31.44 -0.40 0.00	30.98 -0.42 0.00	33.06 -0.47 0.00	36.84 -0.63 0.00	45.20 -0.79 0.00	41.14 -0.76 0.00	38.42 -0.89 0.00	40.78 -1.05 0.00	45.73 -1.35 0.00	44.78 -1.51 0.00	60.28 -2.18 0.00	58.54 -2.20 0.00	-92.11 -5.64 229.01	228.33 -10.56 63.43	457.86 -14.33 0.00	108.07 -4.07 0.00	119.82 -4.67 0.00	111.81 -3.45 0.00	53.75 -1.68 0.00	42.33 -1.29 0.00	42.08 -1.03 0.00
V_E_10_SYNC_DSASP 323830	37.48 3.35 -0.03	46.91 3.69 -0.06	40.89 3.05 0.00	34.33 2.49 0.00	34.05 2.65 0.00	36.56 3.03 0.00	41.07 3.60 0.00	51.25 4.57 -0.68	46.39 4.36 -0.14	43.29 3.96 -0.02	46.01 4.15 -0.03	52.54 5.01 -0.45	52.12 5.32 -0.51	71.31 7.12 -1.73	68.76 6.59 -1.43	156.75 14.02 -0.19	336.40 34.02 -0.06	524.68 52.49 0.00	125.90 13.77 0.00	141.08 16.57 -0.01	133.20 15.13 -2.80	63.65 7.19 -1.03	49.06 5.38 -0.05	48.18 4.89 -0.18
V_F_30_NSYNC__DSASP 323816	36.82 2.48 -0.24	46.12 2.95 0.00	40.40 2.56 0.00	34.02 2.18 0.00	33.59 2.19 0.00	35.84 2.30 0.00	39.98 2.51 0.00	49.08 3.09 0.00	44.61 2.71 0.00	41.93 2.62 0.00	44.58 2.66 -0.10	50.02 2.95 0.00	49.17 2.88 0.00	66.99 4.52 0.00	65.39 4.64 0.00	153.88 11.33 0.00	325.84 23.51 0.00	509.27 37.08 0.00	121.72 9.58 0.00	135.16 10.67 0.00	125.29 10.02 0.00	60.12 4.69 0.00	47.19 3.57 0.00	46.43 3.32 0.00
V_F_30_SYNC_DSASP 323786	35.45 1.11 -0.25	44.47 1.31 0.00	38.94 1.10 0.00	32.85 1.01 0.00	32.37 0.98 0.00	34.52 0.99 0.00	38.48 1.01 0.00	47.20 1.21 0.00	42.93 1.04 0.00	40.37 1.05 0.00	42.98 1.05 -0.10	48.17 1.10 0.00	47.31 1.03 0.00	64.28 1.82 0.00	62.75 2.00 0.00	147.64 5.09 0.00	312.24 9.91 0.00	488.32 16.13 0.00	116.06 3.92 0.00	128.55 4.05 0.00	119.05 3.79 0.00	57.09 1.66 0.00	44.97 1.35 0.00	44.46 1.35 0.00

V_XM_10_SYNC_DSASP 323789	33.33 -0.77 0.00	42.43 -0.73 0.00	37.35 -0.50 0.00	31.59 -0.26 0.00	31.17 -0.23 0.00	33.26 -0.27 0.00	36.91 -0.56 0.00	45.29 -0.70 0.00	41.33 -0.56 0.00	38.93 -0.38 0.00	41.38 -0.45 0.00	46.39 -0.69 0.00	44.89 -1.40 0.00	59.71 -2.75 0.00	57.66 -3.08 0.00	-101.19 -6.73 237.00	228.44 -8.24 65.64	459.36 -12.82 0.00	109.53 -2.61 0.00	121.48 -3.02 0.00	112.90 -2.37 0.00	54.18 -1.25 0.00	42.90 -0.72 0.00	42.41 -0.70 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	33.61 1.78 2.27	45.01 1.85 0.00	39.44 1.60 0.00	33.23 1.39 0.00	32.69 1.30 0.00	34.83 1.30 0.00	39.01 1.54 0.00	47.78 1.79 0.00	44.03 2.13 0.00	41.82 2.51 0.00	43.64 2.70 0.89	50.19 3.11 0.00	49.45 3.16 0.00	67.05 4.59 0.00	65.53 4.79 0.00	153.74 11.19 0.00	324.88 22.55 0.00	506.79 34.60 0.00	120.09 7.95 0.00	132.50 8.01 0.00	122.27 7.01 0.00	58.59 3.16 0.00	46.11 2.49 0.00	45.74 2.63 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	37.77 2.15 -1.52	45.42 2.26 0.00	39.81 1.96 0.00	33.51 1.67 0.00	32.98 1.58 0.00	35.22 1.69 0.00	39.46 2.00 0.00	48.40 2.41 0.00	44.66 2.77 0.00	42.53 3.22 0.00	45.82 3.39 -0.60	50.90 3.82 0.00	50.09 3.80 0.00	67.76 5.30 0.00	66.17 5.43 0.00	155.35 12.81 0.00	327.56 25.23 0.00	510.23 38.04 0.00	120.87 8.73 0.00	133.31 8.82 0.00	123.19 7.93 0.00	59.02 3.59 0.00	46.58 2.96 0.00	46.24 3.13 0.00
W50THST__13_KV_LOAD 356117	38.01 2.39 -1.52	45.71 2.55 0.00	40.06 2.21 0.00	33.73 1.89 0.00	33.19 1.79 0.00	35.46 1.93 0.00	39.78 2.31 0.00	48.83 2.84 0.00	45.10 3.20 0.00	43.01 3.69 0.00	46.34 3.91 -0.60	51.49 4.41 0.00	50.66 4.37 0.00	68.42 5.96 0.00	66.74 6.00 0.00	156.64 14.09 0.00	330.23 27.90 0.00	514.00 41.82 0.00	121.74 9.60 0.00	134.17 9.68 0.00	123.93 8.66 0.00	59.38 3.95 0.00	46.88 3.25 0.00	46.59 3.48 0.00
WADING RIVER_IC_1 23522	49.57 3.15 -12.33	57.94 3.57 -11.21	53.99 3.17 -12.97	57.71 2.76 -23.10	55.75 2.70 -21.66	48.84 2.82 -12.49	40.58 3.11 0.00	47.72 1.73 0.00	44.57 2.67 0.00	42.33 3.02 0.00	45.74 3.31 -0.60	50.79 3.71 0.00	51.02 3.89 -0.84	68.06 5.23 -0.36	89.56 5.83 -22.99	206.90 14.40 -49.95	426.33 29.50 -94.51	521.10 44.05 -4.86	174.42 9.71 -52.57	221.36 10.43 -86.43	225.87 9.94 -100.67	106.91 4.50 -46.98	46.80 3.17 0.00	45.79 2.67 0.00
WADING RIVER_IC_2 23547	49.57 3.15 -12.33	57.94 3.57 -11.21	53.99 3.17 -12.97	57.71 2.76 -23.10	55.75 2.70 -21.66	48.84 2.82 -12.49	40.58 3.11 0.00	47.72 1.73 0.00	44.57 2.67 0.00	42.33 3.02 0.00	45.74 3.31 -0.60	50.79 3.71 0.00	51.02 3.89 -0.84	68.06 5.23 -0.36	89.56 5.83 -22.99	206.90 14.40 -49.95	426.33 29.50 -94.51	521.10 44.05 -4.86	174.42 9.71 -52.57	221.36 10.43 -86.43	225.87 9.94 -100.67	106.91 4.50 -46.98	46.80 3.17 0.00	45.79 2.67 0.00
WADING RIVER_IC_3 23601	49.57 3.15 -12.33	57.94 3.57 -11.21	53.99 3.17 -12.97	57.71 2.76 -23.10	55.75 2.70 -21.66	48.84 2.82 -12.49	40.58 3.11 0.00	47.72 1.73 0.00	44.57 2.67 0.00	42.33 3.02 0.00	45.74 3.31 -0.60	50.79 3.71 0.00	51.02 3.89 -0.84	68.06 5.23 -0.36	89.56 5.83 -22.99	206.90 14.40 -49.95	426.33 29.50 -94.51	521.10 44.05 -4.86	174.42 9.71 -52.57	221.36 10.43 -86.43	225.87 9.94 -100.67	106.91 4.50 -46.98	46.80 3.17 0.00	45.79 2.67 0.00
WALDENNY_12_KV_BK2 80841	36.27 2.17 0.00	44.70 1.53 0.00	38.54 0.69 0.00	31.80 -0.04 0.00	31.48 0.07 0.00	33.76 0.23 0.00	38.04 0.57 0.00	47.54 1.55 0.00	44.74 2.84 0.00	41.91 2.60 0.00	45.13 3.30 0.00	51.50 4.43 0.00	51.03 4.74 0.00	67.81 5.35 0.00	64.54 3.80 0.00	148.82 6.27 0.00	314.72 12.39 0.00	483.89 11.70 0.00	114.72 2.58 0.00	129.91 5.42 0.00	118.90 3.63 0.00	57.93 2.50 0.00	46.28 2.66 0.00	45.69 2.58 0.00
WALDEN__HYDRO 24148	35.49 1.85 0.45	45.14 1.98 0.00	39.52 1.68 0.00	33.25 1.42 0.00	32.74 1.34 0.00	34.93 1.40 0.00	39.12 1.66 0.00	47.98 1.99 0.00	44.10 2.20 0.00	41.81 2.50 0.00	44.35 2.69 0.18	50.16 3.08 0.00	49.38 3.09 0.00	66.89 4.42 0.00	65.38 4.64 0.00	153.59 11.05 0.00	325.11 22.78 0.00	507.09 34.91 0.00	120.38 8.24 0.00	133.00 8.50 0.00	122.76 7.50 0.00	58.85 3.42 0.00	46.29 2.66 0.00	45.80 2.69 0.00
WARRENSBURG____ 23737	36.82 2.49 -0.24	46.09 2.93 0.00	40.45 2.61 0.00	34.07 2.23 0.00	33.67 2.27 0.00	35.93 2.40 0.00	40.05 2.58 0.00	49.20 3.21 0.00	44.68 2.79 0.00	42.05 2.74 0.00	44.53 2.60 -0.09	50.04 2.96 0.00	49.21 2.93 0.00	67.05 4.58 0.00	65.39 4.64 0.00	154.18 11.63 0.00	326.70 24.38 0.00	509.78 37.59 0.00	122.40 10.26 0.00	136.00 11.50 0.00	126.38 11.12 0.00	60.64 5.22 0.00	47.52 3.90 0.00	46.65 3.54 0.00
WATERSIDE____6 8 9 23538	37.77 2.15 -1.52	45.39 2.23 0.00	39.80 1.96 0.00	33.52 1.68 0.00	32.99 1.59 0.00	35.23 1.70 0.00	39.47 2.00 0.00	48.34 2.35 0.00	44.66 2.76 0.00	42.47 3.15 0.00	45.71 3.28 -0.60	50.72 3.64 0.00	49.86 3.56 0.00	67.47 5.01 0.00	65.92 5.18 0.00	154.70 12.15 0.00	326.07 23.74 0.00	508.07 35.88 0.00	120.59 8.27 -0.18	136.43 8.18 -3.76	145.07 7.45 -22.35	66.94 3.31 -8.20	46.71 2.85 -0.23	46.25 3.14 0.00
WATKINRD_115KV_LN8_ILLION 55919	34.80 0.70 0.00	43.89 0.73 0.00	38.39 0.55 0.00	32.32 0.48 0.00	31.90 0.50 0.00	34.09 0.55 0.00	38.09 0.62 0.00	46.63 0.64 0.00	42.41 0.51 0.00	39.78 0.47 0.00	42.30 0.46 0.00	47.59 0.51 0.00	46.86 0.57 0.00	63.09 0.63 0.00	61.48 0.73 0.00	157.05 2.34 -12.16	310.56 4.87 -3.37	479.98 7.79 0.00	114.68 2.54 0.00	127.47 2.98 0.00	118.24 2.97 0.00	56.79 1.36 0.00	44.63 1.01 0.00	44.02 0.91 0.00
WATSON__69_KV_BK 1 55734	49.84 3.42 -12.33	58.27 3.89 -11.21	54.19 3.38 -12.97	57.80 2.86 -23.10	55.76 2.71 -21.66	48.90 2.88 -12.49	40.74 3.27 0.00	49.06 3.07 0.00	45.82 3.92 0.00	43.63 4.32 0.00	47.14 4.70 -0.60	52.27 5.19 0.00	52.92 5.31 -1.32	69.84 6.90 -0.48	95.87 7.43 -27.69	208.77 18.17 -48.05	437.04 37.13 -97.58	533.62 56.05 -5.38	161.17 12.58 -36.45	192.88 13.67 -54.72	194.80 12.99 -66.55	102.68 6.01 -41.23	48.06 4.44 0.00	47.06 3.95 0.00
WDELAWARE__HYD 323627	34.71 0.93 0.32	43.99 0.83 0.00	38.49 0.64 0.00	32.37 0.53 0.00	31.87 0.46 0.00	34.01 0.48 0.00	38.11 0.64 0.00	46.75 0.76 0.00	42.89 1.00 0.00	40.72 1.41 0.00	43.19 1.48 0.12	48.85 1.77 0.00	47.93 1.64 0.00	63.56 1.09 0.00	62.27 1.53 0.00	146.44 3.89 0.00	310.41 8.08 0.00	485.23 13.04 0.00	115.42 3.28 0.00	127.62 3.12 0.00	117.93 2.67 0.00	57.81 2.39 0.00	45.35 1.72 0.00	44.75 1.63 0.00
WEST BABYLON__IC 23714	49.61 3.18 -12.33	57.96 3.59 -11.21	53.93 3.11 -12.97	57.57 2.62 -23.10	55.54 2.49 -21.66	48.66 2.64 -12.49	40.47 3.00 0.00	48.92 2.94 0.00	45.65 3.75 0.00	43.43 4.12 0.00	46.90 4.47 -0.60	51.95 4.87 0.00	52.21 4.94 -0.98	69.70 6.50 -0.74	105.42 7.02 -37.66	208.17 17.11 -48.51	442.01 35.06 -104.63	532.19 52.96 -7.03	139.60 11.84 -15.63	154.54 12.80 -17.24	153.93 12.00 -26.66	97.07 5.56 -36.08	47.78 4.15 0.00	46.82 3.71 0.00

WEST CANADA___HYD 24049	34.39 0.30 0.00	43.48 0.32 0.00	38.09 0.25 0.00	32.06 0.23 0.00	31.62 0.22 0.00	33.77 0.24 0.00	37.74 0.27 0.00	46.33 0.34 0.00	42.19 0.29 0.00	39.63 0.32 0.00	42.17 0.34 0.00	47.47 0.39 0.00	46.71 0.42 0.00	63.08 0.61 0.00	61.36 0.61 0.00	156.25 1.55 -12.16	308.72 3.03 -3.37	476.77 4.58 0.00	113.35 1.21 0.00	125.82 1.33 0.00	116.50 1.23 0.00	55.99 0.56 0.00	44.07 0.44 0.00	43.54 0.42 0.00
WESTERN_NY_WIND 24143	36.86 2.76 0.00	45.41 2.24 0.00	39.15 1.31 0.00	32.34 0.50 0.00	31.96 0.56 0.00	34.29 0.76 0.00	38.64 1.17 0.00	48.30 2.32 0.00	45.23 3.34 0.00	42.28 2.97 0.00	45.51 3.67 0.00	51.88 4.80 0.00	51.50 5.21 0.00	68.77 6.31 0.00	65.50 4.76 0.00	150.73 8.18 -0.01	318.55 16.22 0.00	493.34 21.15 0.00	117.59 5.45 0.00	133.13 8.64 0.00	121.78 6.51 0.00	59.23 3.80 0.00	47.18 3.55 0.00	46.47 3.36 0.00
WESTOVER___LESR 323668	35.20 1.07 -0.03	44.22 1.00 -0.06	38.50 0.65 0.00	32.23 0.39 0.00	31.85 0.45 0.00	34.09 0.56 0.00	38.28 0.81 0.00	47.81 1.17 -0.65	43.36 1.33 -0.13	40.75 1.42 -0.01	43.41 1.55 -0.03	49.49 1.99 -0.43	49.07 2.30 -0.48	66.87 2.77 -1.64	64.53 2.43 -1.36	148.18 5.45 -0.18	315.08 12.70 -0.05	486.22 14.03 0.00	115.60 3.46 0.00	128.41 3.91 -0.01	121.47 3.55 -2.66	58.13 1.72 -0.98	45.05 1.38 -0.05	44.57 1.28 -0.17
WETHRSFD_WT_PWR 323626	35.49 1.40 0.00	43.96 0.80 0.00	38.02 0.18 0.00	31.51 -0.33 0.00	31.25 -0.15 0.00	33.57 0.04 0.00	37.79 0.32 0.00	47.16 1.17 0.00	44.15 2.26 0.00	41.41 2.09 0.00	44.41 2.58 0.00	50.60 3.52 0.00	50.21 3.92 0.00	66.76 4.29 0.00	63.65 2.91 0.00	147.34 4.79 0.00	312.34 10.01 0.00	480.07 7.88 0.00	114.10 1.96 0.00	128.42 3.93 0.00	117.82 2.55 0.00	57.35 1.92 0.00	45.64 2.02 0.00	45.15 2.03 0.00
WHAVSTOR_138KV_BK127 55557	33.38 1.58 2.30	44.79 1.63 0.00	39.28 1.43 0.00	33.10 1.26 0.00	32.55 1.15 0.00	34.66 1.13 0.00	38.81 1.34 0.00	47.51 1.53 0.00	43.76 1.87 0.00	41.55 2.24 0.00	43.32 2.39 0.90	49.82 2.74 0.00	49.06 2.77 0.00	66.51 4.05 0.00	65.01 4.27 0.00	152.51 9.96 0.00	322.22 19.89 0.00	502.67 30.48 0.00	119.17 7.03 0.00	131.45 6.95 0.00	121.38 6.12 0.00	58.16 2.73 0.00	45.81 2.18 0.00	45.47 2.36 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	33.38 1.58 2.30	44.79 1.63 0.00	39.28 1.43 0.00	33.10 1.26 0.00	32.55 1.15 0.00	34.66 1.13 0.00	38.81 1.34 0.00	47.51 1.53 0.00	43.76 1.87 0.00	41.55 2.24 0.00	43.32 2.39 0.90	49.82 2.74 0.00	49.06 2.77 0.00	66.51 4.05 0.00	65.01 4.27 0.00	152.51 9.96 0.00	322.22 19.89 0.00	502.67 30.48 0.00	119.17 7.03 0.00	131.45 6.95 0.00	121.38 6.12 0.00	58.16 2.73 0.00	45.81 2.18 0.00	45.47 2.36 0.00
WHITEHAL_115KV_TB1 80871	37.84 3.51 -0.24	47.45 4.29 0.00	41.77 3.93 0.00	35.22 3.38 0.00	34.91 3.51 0.00	37.26 3.73 0.00	41.42 3.96 0.00	50.70 4.71 0.00	45.72 3.82 0.00	43.02 3.71 0.00	45.73 3.80 -0.09	51.24 4.16 0.00	50.45 4.16 0.00	69.72 7.26 0.00	68.07 7.32 0.00	160.60 18.05 0.00	341.03 38.70 0.00	526.44 54.26 0.00	125.66 13.52 0.00	139.64 15.14 0.00	128.99 13.72 0.00	62.33 6.90 0.00	49.03 5.40 0.00	48.11 5.00 0.00
WHITEPLN_13_KV_LOAD 356215	38.14 2.42 -1.62	45.78 2.62 0.00	40.09 2.25 0.00	33.73 1.89 0.00	33.20 1.79 0.00	35.45 1.91 0.00	39.74 2.27 0.00	48.76 2.78 0.00	44.99 3.09 0.00	42.75 3.44 0.00	46.17 3.70 -0.64	51.31 4.23 0.00	50.57 4.28 0.00	68.55 6.08 0.00	67.02 6.28 0.00	157.44 14.89 0.00	332.50 30.17 0.00	517.87 45.68 0.00	122.64 10.51 0.00	135.24 10.74 0.00	124.87 9.60 0.00	59.81 4.38 0.00	47.05 3.43 0.00	46.61 3.50 0.00
WM_FLOYD_69_KV_BK2 356380	49.58 3.15 -12.33	57.97 3.60 -11.21	54.00 3.19 -12.97	57.71 2.76 -23.10	55.75 2.69 -21.66	48.82 2.80 -12.49	40.58 3.12 0.00	48.21 2.22 0.00	44.98 3.08 0.00	42.73 3.42 0.00	46.14 3.70 -0.60	51.22 4.14 0.00	51.45 4.30 -0.86	68.59 5.75 -0.37	90.40 6.37 -23.30	210.57 15.75 -52.27	429.31 31.98 -95.01	525.54 48.15 -5.20	181.68 10.74 -58.81	233.03 11.78 -96.75	238.01 11.22 -111.53	108.48 5.14 -47.92	47.28 3.66 0.00	46.28 3.16 0.00
WOODARD__115KV_TB2 355635	34.36 0.20 -0.06	43.27 -0.01 -0.11	37.69 -0.15 0.00	31.62 -0.22 0.00	31.22 -0.18 0.00	33.39 -0.14 0.00	37.41 -0.06 0.00	47.31 0.08 -1.24	42.42 0.27 -0.25	39.69 0.35 -0.03	42.37 0.48 -0.05	48.60 0.70 -0.82	48.08 0.87 -0.93	66.70 1.09 -3.14	64.22 0.87 -2.60	144.57 1.68 -0.35	306.12 3.69 -0.10	476.43 4.25 0.00	113.35 1.21 0.00	126.18 1.67 -0.01	121.55 1.18 -5.10	57.85 0.54 -1.88	44.14 0.42 -0.10	43.74 0.29 -0.33
YORK___WARBASSE 23770	37.96 2.34 -1.52	45.56 2.40 0.00	39.98 2.14 0.00	33.66 1.82 0.00	33.11 1.72 0.00	35.37 1.84 0.00	39.60 2.13 0.00	48.47 2.48 0.00	44.77 2.87 0.00	42.60 3.28 0.00	45.85 3.42 -0.60	50.95 3.87 0.00	50.13 3.84 0.00	67.91 5.45 0.00	66.33 5.58 0.00	155.44 12.89 0.00	327.89 25.56 0.00	511.18 38.99 0.00	122.02 8.94 -0.95	152.92 8.80 -19.62	256.98 8.21 -133.51	101.83 3.64 -42.76	48.86 3.14 -2.10	46.49 3.38 0.00