

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

11/19/2025

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
59TH STREET_GT_1	54.02	50.56	50.92	50.98	51.92	52.76	123.16	100.00	96.16	62.73	56.17	53.14	57.07	57.43	55.13	63.99	103.62	162.19	215.89	101.59	67.66	64.76	61.57	52.08
24138	2.26	2.05	2.22	2.14	2.22	2.27	5.87	4.95	5.23	4.30	4.34	4.16	4.29	4.31	3.92	3.96	5.86	9.08	11.58	5.26	3.23	3.13	2.73	2.33
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.01	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	54.13	50.66	50.99	51.05	51.97	52.80	123.29	100.13	96.30	62.77	56.17	54.11	57.06	57.65	56.18	64.00	103.74	162.41	216.29	101.80	67.84	64.93	61.73	52.17
24260	2.36	2.15	2.29	2.21	2.27	2.31	6.00	5.08	5.37	4.34	4.34	4.16	4.28	4.31	3.93	3.97	5.99	9.30	11.98	5.47	3.40	3.30	2.89	2.42
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.93	0.00	-0.22	-1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	54.13	50.66	50.99	51.05	51.97	52.80	123.29	100.13	96.30	62.77	56.17	54.11	57.06	57.65	56.18	64.00	103.74	162.41	216.29	101.80	67.84	64.93	61.73	52.17
24261	2.36	2.15	2.29	2.21	2.27	2.31	6.00	5.08	5.37	4.34	4.34	4.16	4.28	4.31	3.93	3.97	5.99	9.30	11.98	5.47	3.40	3.30	2.89	2.42
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.93	0.00	-0.22	-1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	55.32	51.90	52.21	52.30	53.15	54.48	126.82	102.82	97.34	61.47	54.16	51.03	54.99	55.34	54.29	64.40	105.64	165.92	220.97	103.35	69.23	66.00	62.93	52.98
24011	3.56	3.39	3.51	3.47	3.45	3.99	9.53	7.76	6.41	3.04	2.34	2.01	2.21	2.21	3.04	4.37	7.89	12.81	16.66	7.02	4.80	4.37	4.09	3.24
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	55.79	52.32	52.66	52.73	53.55	55.05	128.01	103.82	98.07	61.69	54.43	51.24	55.22	55.66	54.78	65.02	106.89	168.05	223.50	104.19	69.76	66.48	63.45	53.39
23798	4.02	3.80	3.96	3.90	3.85	4.56	10.71	8.75	7.14	3.26	2.60	2.22	2.44	2.53	3.52	4.99	9.13	14.94	19.18	7.86	5.33	4.86	4.61	3.65
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	55.32	51.90	52.21	52.30	53.15	54.48	126.82	102.82	97.34	61.47	54.16	51.03	54.99	55.34	54.29	64.40	105.64	165.92	220.97	103.35	69.23	66.00	62.93	52.98
24028	3.56	3.39	3.51	3.47	3.45	3.99	9.53	7.76	6.41	3.04	2.34	2.01	2.21	2.21	3.04	4.37	7.89	12.81	16.66	7.02	4.80	4.37	4.09	3.24
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	53.69	50.47	50.68	50.72	51.54	52.66	122.37	99.42	94.45	59.75	52.27	49.15	52.87	53.38	52.52	62.43	102.02	159.73	212.58	99.50	66.69	63.86	60.73	51.15
23527	1.93	1.96	1.98	1.88	1.84	2.17	5.07	4.36	3.52	1.32	0.44	0.13	0.09	0.25	1.26	2.40	4.26	6.62	8.27	3.17	2.26	2.24	1.89	1.40
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	51.68	48.62	48.81	48.92	49.74	50.57	117.59	95.37	91.11	58.27	51.51	48.63	52.24	52.63	51.25	60.28	98.28	153.66	204.74	97.32	65.07	62.30	59.26	50.02
24190	-0.08	0.10	0.11	0.08	0.04	0.08	0.30	0.30	0.17	-0.17	-0.32	-0.39	-0.54	-0.50	0.00	0.25	0.52	0.55	0.43	1.00	0.64	0.68	0.43	0.28
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	53.53	49.15	48.79	48.59	49.93	51.19	118.16	95.20	91.40	59.37	53.00	50.46	54.80	55.33	52.77	60.95	97.85	152.45	202.81	97.76	65.82	63.00	60.98	51.87
355683	1.76	0.63	0.09	-0.25	0.23	0.71	0.86	0.14	0.47	0.93	1.17	1.44	2.02	2.20	1.52	0.92	0.10	-0.66	-1.51	1.43	1.39	1.38	2.14	2.13
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	53.21	50.06	50.26	50.36	51.20	52.05	121.06	98.05	93.02	59.05	52.09	49.15	52.79	53.18	51.78	61.47	100.83	158.09	210.88	99.75	66.72	63.83	60.78	51.26
323833	1.45	1.55	1.56	1.52	1.50	1.57	3.76	2.99	2.10	0.61	0.26	0.13	0.01	0.05	0.53	1.44	3.08	4.98	6.57	3.42	2.30	2.21	1.95	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	0.00
ALBANY_2_SOLAR	53.18	50.03	50.25	50.35	51.17	52.03	121.00	98.03	93.00	59.04	52.08	49.14	52.78	53.17	51.77	61.46	100.79	157.98	210.78	99.73	66.69	63.80	60.76	51.23
323834	1.41	1.52	1.54	1.51	1.47	1.55	3.71	2.97	2.08	0.60	0.25	0.12	0.00	0.04	0.52	1.43	3.03	4.86	6.47	3.40	2.26	2.18	1.92	1.49
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	51.68	48.62	48.81	48.92	49.74	50.57	117.59	95.37	91.11	58.27	51.51	48.63	52.24	52.63	51.25	60.28	98.28	153.66	204.74	97.32	65.07	62.30	59.26	50.02
23571	-0.08	0.10	0.11	0.08	0.04	0.08	0.30	0.30	0.17	-0.17	-0.32	-0.39	-0.54	-0.50	0.00	0.25	0.52	0.55	0.43	1.00	0.64	0.68	0.43	0.28
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	51.68 -0.08 0.00	48.62 0.10 0.00	48.81 0.11 0.00	48.92 0.08 0.00	49.74 0.04 0.00	50.57 0.08 0.00	117.59 0.30 0.00	95.37 0.30 0.00	91.11 0.17 0.00	58.27 -0.17 0.00	51.51 -0.32 0.00	48.63 -0.39 0.00	52.24 -0.54 0.00	52.63 -0.50 0.00	51.25 0.00 0.00	60.28 0.25 0.00	98.28 0.52 0.00	153.66 0.55 0.00	204.74 0.43 0.00	97.32 1.00 0.00	65.07 0.64 0.00	62.30 0.68 0.00	59.26 0.43 0.00	50.02 0.28 0.00
ALBANY___3 23573	51.68 -0.08 0.00	48.62 0.10 0.00	48.81 0.11 0.00	48.92 0.08 0.00	49.74 0.04 0.00	50.57 0.08 0.00	117.59 0.30 0.00	95.37 0.30 0.00	91.11 0.17 0.00	58.27 -0.17 0.00	51.51 -0.32 0.00	48.63 -0.39 0.00	52.24 -0.54 0.00	52.63 -0.50 0.00	51.25 0.00 0.00	60.28 0.25 0.00	98.28 0.52 0.00	153.66 0.55 0.00	204.74 0.43 0.00	97.32 1.00 0.00	65.07 0.64 0.00	62.30 0.68 0.00	59.26 0.43 0.00	50.02 0.28 0.00
ALBANY___4 23574	51.68 -0.08 0.00	48.62 0.10 0.00	48.81 0.11 0.00	48.92 0.08 0.00	49.74 0.04 0.00	50.57 0.08 0.00	117.59 0.30 0.00	95.37 0.30 0.00	91.11 0.17 0.00	58.27 -0.17 0.00	51.51 -0.32 0.00	48.63 -0.39 0.00	52.24 -0.54 0.00	52.63 -0.50 0.00	51.25 0.00 0.00	60.28 0.25 0.00	98.28 0.52 0.00	153.66 0.55 0.00	204.74 0.43 0.00	97.32 1.00 0.00	65.07 0.64 0.00	62.30 0.68 0.00	59.26 0.43 0.00	50.02 0.28 0.00
ALBANY___LFGE 323615	52.16 0.40 0.00	49.08 0.57 0.00	49.26 0.56 0.00	49.40 0.56 0.00	50.20 0.50 0.00	51.05 0.56 0.00	118.82 1.52 0.00	96.32 1.26 0.00	92.01 1.09 0.00	58.81 0.37 0.00	51.96 0.13 0.00	49.06 0.04 0.00	52.72 -0.06 0.00	53.13 0.00 0.00	51.76 0.51 0.00	60.95 0.92 0.00	99.41 1.65 0.00	155.47 2.36 0.00	207.15 2.84 0.00	98.36 2.03 0.00	65.69 1.26 0.00	62.89 1.26 0.00	59.80 0.96 0.00	50.47 0.73 0.00
ALCOA_PA_115KV_PL-6C 55860	53.95 2.18 0.00	49.54 1.02 0.00	49.18 0.48 0.00	48.98 0.14 0.00	50.30 0.60 0.00	51.59 1.11 0.00	119.05 1.75 0.00	95.90 0.84 0.00	92.04 1.11 0.00	59.73 1.29 0.00	53.35 1.52 0.00	50.79 1.77 0.00	55.13 2.35 0.00	55.66 2.54 0.00	53.11 1.86 0.00	61.29 1.26 0.00	98.39 0.63 0.00	153.54 0.43 0.00	204.76 0.44 0.00	98.26 1.93 0.00	66.19 1.76 0.00	63.37 1.75 0.00	61.38 2.54 0.00	52.27 2.52 0.00
ALCOA_RYNLDS___DRP 24188	53.95 2.18 0.00	49.54 1.02 0.00	49.18 0.48 0.00	48.98 0.14 0.00	50.30 0.60 0.00	51.59 1.11 0.00	119.05 1.75 0.00	95.90 0.84 0.00	92.04 1.11 0.00	59.73 1.29 0.00	53.35 1.52 0.00	50.79 1.77 0.00	55.13 2.35 0.00	55.66 2.54 0.00	53.11 1.86 0.00	61.29 1.26 0.00	98.39 0.63 0.00	153.54 0.43 0.00	204.76 0.44 0.00	98.26 1.93 0.00	66.19 1.76 0.00	63.37 1.75 0.00	61.38 2.54 0.00	52.27 2.52 0.00
ALCOA___DSASP 323711	53.95 2.18 0.00	49.54 1.02 0.00	49.18 0.48 0.00	48.98 0.14 0.00	50.30 0.60 0.00	51.59 1.11 0.00	119.05 1.75 0.00	95.90 0.84 0.00	92.04 1.11 0.00	59.73 1.29 0.00	53.35 1.52 0.00	50.79 1.77 0.00	55.13 2.35 0.00	55.66 2.54 0.00	53.11 1.86 0.00	61.29 1.26 0.00	98.39 0.63 0.00	153.54 0.43 0.00	204.76 0.44 0.00	98.26 1.93 0.00	66.19 1.76 0.00	63.37 1.75 0.00	61.38 2.54 0.00	52.27 2.52 0.00
ALLEGHENY___COGEN 23514	53.80 2.04 0.00	50.03 1.39 -0.12	50.31 1.43 -0.18	50.53 1.43 -0.27	51.59 1.80 -0.09	52.68 2.18 -0.01	120.81 3.50 -0.02	98.96 3.15 -0.75	93.23 2.10 -0.20	58.39 -0.04 0.00	52.26 0.43 0.00	49.92 0.90 0.00	54.07 1.30 0.00	54.19 1.07 0.00	49.98 -1.28 0.00	57.99 -2.13 -0.10	89.45 -1.27 7.03	153.88 0.44 -0.33	207.00 1.99 -0.70	97.38 0.32 -0.73	65.64 0.40 -0.80	63.86 1.38 -0.85	62.79 2.82 -1.13	52.89 2.55 -0.59
ALTAMONT_115KV_TB 2 55880	52.37 0.60 0.00	49.22 0.71 0.00	49.44 0.74 0.00	49.57 0.73 0.00	50.39 0.69 0.00	51.15 0.67 0.00	118.99 1.70 0.00	96.49 1.43 0.00	92.19 1.26 0.00	59.10 0.67 0.00	52.33 0.50 0.00	49.44 0.42 0.00	53.15 0.37 0.00	53.54 0.41 0.00	51.88 0.63 0.00	60.94 0.90 0.00	99.29 1.54 0.00	155.34 2.22 0.00	207.08 2.77 0.00	97.89 1.56 0.00	65.47 1.04 0.00	62.68 1.06 0.00	59.68 0.85 0.00	50.41 0.67 0.00
ALTONA_WT_PWR 323606	53.77 2.00 0.00	49.38 0.86 0.00	48.90 0.20 0.00	48.61 -0.23 0.00	49.86 0.16 0.00	51.07 0.58 0.00	117.41 0.12 0.00	94.74 -0.32 0.00	90.98 0.05 0.00	59.28 0.84 0.00	52.90 1.07 0.00	50.31 1.29 0.00	54.60 1.82 0.00	55.08 1.96 0.00	52.56 1.30 0.00	60.56 0.53 0.00	97.35 -0.40 0.00	152.35 -0.76 0.00	203.39 -0.92 0.00	97.31 0.98 0.00	65.65 1.22 0.00	62.99 1.37 0.00	61.00 2.17 0.00	51.87 2.12 0.00
AMERICAN_REF_FUEL 24010	50.19 -1.57 0.00	45.67 -2.11 0.74	45.35 -2.27 1.09	44.90 -2.33 1.61	47.14 -2.03 0.54	48.07 -2.34 0.08	108.41 -8.80 0.09	83.59 -6.96 4.51	83.77 -5.96 1.19	54.87 -3.57 0.00	49.30 -2.53 0.00	47.38 -1.64 0.00	51.58 -1.20 0.00	51.82 -1.31 0.00	48.88 -2.37 0.00	55.99 -3.72 0.31	81.71 -7.20 8.84	138.63 -10.16 4.33	190.65 -11.38 2.29	87.08 -6.75 2.50	56.54 -4.17 3.72	54.62 -4.21 2.80	52.92 -2.21 3.72	46.58 -1.23 1.93
ARKWRIGHT___SUMMIT_WT_PWR 323751	51.94 0.18 0.00	47.10 -0.43 0.98	46.85 -0.42 1.44	46.21 -0.49 2.13	48.64 -0.35 0.71	50.34 -0.04 0.10	114.66 -2.51 0.13	86.66 -2.16 6.25	87.68 -1.60 1.65	58.22 -0.21 0.00	52.18 0.35 0.00	50.12 1.10 0.00	54.48 1.70 0.00	54.64 1.51 0.00	50.68 -0.58 0.00	57.73 -1.86 0.44	82.61 -3.41 11.74	143.86 -3.27 5.99	197.67 -3.44 3.20	90.47 -2.37 3.49	58.05 -1.21 5.17	56.04 -1.66 3.92	53.91 0.27 5.20	48.00 0.91 2.65
ARTHUR KILL_GT_1 23520	54.25 2.48 0.00	50.75 2.23 0.00	51.03 2.33 0.00	51.06 2.22 0.00	51.97 2.27 0.00	52.68 2.19 0.00	122.74 5.44 0.00	99.50 4.44 0.00	95.76 4.83 0.00	62.35 3.92 0.00	55.91 4.08 0.00	53.99 4.03 -0.94	56.65 3.87 0.00	57.35 4.00 -0.22	55.91 3.64 -1.01	63.47 3.44 0.00	102.69 4.94 0.00	160.74 7.63 0.00	214.05 9.73 0.00	100.80 4.47 0.00	67.22 2.78 0.00	64.44 2.81 0.00	61.36 2.52 0.00	51.99 2.24 0.00
ARTHUR_KILL_2 23512	54.10 2.33 0.00	50.60 2.09 0.00	50.89 2.19 0.00	50.92 2.09 0.00	51.83 2.13 0.00	52.52 2.04 0.00	122.37 5.07 0.00	99.20 4.14 0.00	95.46 4.53 0.00	62.17 3.74 0.00	55.76 3.93 0.00	53.87 3.90 -0.95	56.53 3.75 0.00	57.17 3.82 -0.22	55.75 3.49 -1.01	63.29 3.26 0.00	102.36 4.61 0.00	160.27 7.16 0.00	213.37 9.06 0.00	100.51 4.18 0.00	67.00 2.58 0.00	64.23 2.61 0.00	61.16 2.32 0.00	51.83 2.08 0.00
ARTHUR_KILL_3 23513	53.60 1.83 0.00	50.16 1.64 0.00	50.47 1.77 0.00	50.53 1.70 0.00	51.45 1.74 0.00	52.26 1.78 0.00	122.08 4.79 0.00	99.05 3.99 0.00	95.17 4.25 0.00	62.07 3.64 0.00	55.55 3.72 0.00	53.51 3.54 -0.95	56.44 3.66 0.00	57.04 3.69 -0.22	55.56 3.30 -1.01	63.27 3.24 0.00	102.56 4.81 0.00	160.57 7.46 0.00	213.77 9.46 0.00	100.67 4.34 0.00	67.06 2.63 0.00	64.21 2.59 0.00	61.02 2.19 0.00	51.62 1.88 0.00

ARTHUR_KILL_COGEN 323718	54.24 2.48 0.00	50.75 2.23 0.00	51.03 2.33 0.00	51.06 2.22 0.00	51.97 2.27 0.00	52.67 2.18 0.00	122.73 5.43 0.00	99.49 4.43 0.00	95.76 4.83 0.00	62.35 3.92 0.00	55.92 4.09 0.00	54.00 4.03 -0.95	56.66 3.88 0.00	57.31 3.96 -0.22	55.91 3.64 -1.01	63.47 3.44 0.00	102.67 4.91 0.00	160.76 7.64 0.00	214.07 9.76 0.00	100.81 4.48 0.00	67.21 2.78 0.00	64.44 2.81 0.00	61.34 2.50 0.00	51.98 2.23 0.00
ASHOKAN____ 23654	54.06 2.30 0.00	50.78 2.26 0.00	50.99 2.29 0.00	51.14 2.30 0.00	52.03 2.32 0.00	53.00 2.52 0.00	123.93 6.64 0.00	100.97 5.91 0.00	96.17 5.25 0.00	60.98 2.54 0.00	53.69 1.86 0.00	50.58 1.56 0.00	54.14 1.36 0.00	54.58 1.45 0.00	53.00 1.74 0.00	62.73 2.70 0.00	103.31 5.56 0.00	162.63 9.52 0.00	217.06 12.75 0.00	102.49 6.16 0.00	68.45 4.02 0.00	65.32 3.69 0.00	62.01 3.17 0.00	52.18 2.44 0.00
ASTORIA_EAST_ENERGY_CC1 323581	54.11 2.34 -0.01	50.69 2.17 0.00	50.90 2.20 0.00	50.93 2.09 0.00	51.86 2.16 0.00	52.32 1.84 0.00	122.21 4.92 0.00	99.33 4.26 0.00	95.64 4.71 0.00	62.19 3.75 0.00	55.69 3.86 0.00	53.83 3.86 -0.94	56.62 3.84 0.00	57.19 3.84 -0.22	55.75 3.50 -1.00	63.42 3.39 0.00	102.93 5.17 0.00	161.02 7.90 0.00	214.39 10.08 0.00	101.04 4.71 0.00	67.36 2.93 0.00	64.48 2.85 0.00	61.28 2.44 0.00	51.86 2.12 0.00
ASTORIA_EAST_ENERGY_CC2 323582	54.08 2.30 -0.01	50.66 2.14 0.00	50.88 2.18 0.00	50.90 2.07 0.00	51.84 2.14 0.00	52.30 1.81 0.00	122.16 4.87 0.00	99.30 4.24 0.00	95.57 4.64 0.00	62.15 3.72 0.00	55.66 3.83 0.00	53.79 3.83 -0.94	56.58 3.80 0.00	57.16 3.82 -0.22	55.72 3.47 -1.00	63.39 3.36 0.00	102.91 5.15 0.00	160.90 7.79 0.00	214.29 9.98 0.00	100.99 4.66 0.00	67.34 2.91 0.00	64.44 2.82 0.00	61.24 2.41 0.00	51.84 2.10 0.00
ASTORIA_GT2_1 24094	54.10 2.34 0.00	50.68 2.17 0.00	50.90 2.20 0.00	50.93 2.09 0.00	51.86 2.16 0.00	52.32 1.84 0.00	122.24 4.94 0.00	99.33 4.27 0.00	95.65 4.72 0.00	62.19 3.75 0.00	55.68 3.85 0.00	53.74 3.78 -0.94	56.60 3.83 0.00	57.20 3.85 -0.22	55.73 3.48 -1.00	63.42 3.39 0.00	102.93 5.18 0.00	161.02 7.91 0.00	214.39 10.08 0.00	101.04 4.71 0.00	67.36 2.93 0.00	64.48 2.85 0.00	61.29 2.46 0.00	51.86 2.12 0.00
ASTORIA_GT2_2 24095	54.10 2.34 0.00	50.68 2.17 0.00	50.90 2.20 0.00	50.93 2.09 0.00	51.86 2.16 0.00	52.32 1.84 0.00	122.24 4.94 0.00	99.33 4.27 0.00	95.65 4.72 0.00	62.19 3.75 0.00	55.68 3.85 0.00	53.74 3.78 -0.94	56.60 3.83 0.00	57.20 3.85 -0.22	55.73 3.48 -1.00	63.42 3.39 0.00	102.93 5.18 0.00	161.02 7.91 0.00	214.39 10.08 0.00	101.04 4.71 0.00	67.36 2.93 0.00	64.48 2.85 0.00	61.29 2.46 0.00	51.86 2.12 0.00
ASTORIA_GT2_3 24096	54.10 2.34 0.00	50.68 2.17 0.00	50.90 2.20 0.00	50.93 2.09 0.00	51.86 2.16 0.00	52.32 1.84 0.00	122.24 4.94 0.00	99.33 4.27 0.00	95.65 4.72 0.00	62.19 3.75 0.00	55.68 3.85 0.00	53.74 3.78 -0.94	56.60 3.83 0.00	57.20 3.85 -0.22	55.73 3.48 -1.00	63.42 3.39 0.00	102.93 5.18 0.00	161.02 7.91 0.00	214.39 10.08 0.00	101.04 4.71 0.00	67.36 2.93 0.00	64.48 2.85 0.00	61.29 2.46 0.00	51.86 2.12 0.00
ASTORIA_GT2_4 24097	54.10 2.34 0.00	50.68 2.17 0.00	50.90 2.20 0.00	50.93 2.09 0.00	51.86 2.16 0.00	52.32 1.84 0.00	122.24 4.94 0.00	99.33 4.27 0.00	95.65 4.72 0.00	62.19 3.75 0.00	55.68 3.85 0.00	53.74 3.78 -0.94	56.60 3.83 0.00	57.20 3.85 -0.22	55.73 3.48 -1.00	63.42 3.39 0.00	102.93 5.18 0.00	161.02 7.91 0.00	214.39 10.08 0.00	101.04 4.71 0.00	67.36 2.93 0.00	64.48 2.85 0.00	61.29 2.46 0.00	51.86 2.12 0.00
ASTORIA_GT3_1 24098	54.10 2.34 0.00	50.68 2.17 0.00	50.90 2.20 0.00	50.93 2.09 0.00	51.86 2.16 0.00	52.32 1.84 0.00	122.24 4.94 0.00	99.33 4.27 0.00	95.65 4.72 0.00	62.19 3.75 0.00	55.68 3.85 0.00	53.74 3.78 -0.94	56.60 3.83 0.00	57.20 3.85 -0.22	55.73 3.48 -1.00	63.42 3.39 0.00	102.93 5.18 0.00	161.02 7.91 0.00	214.39 10.08 0.00	101.04 4.71 0.00	67.36 2.93 0.00	64.48 2.85 0.00	61.29 2.46 0.00	51.86 2.12 0.00
ASTORIA_GT3_2 24099	54.10 2.34 0.00	50.68 2.17 0.00	50.90 2.20 0.00	50.93 2.09 0.00	51.86 2.16 0.00	52.32 1.84 0.00	122.24 4.94 0.00	99.33 4.27 0.00	95.65 4.72 0.00	62.19 3.75 0.00	55.68 3.85 0.00	53.74 3.78 -0.94	56.60 3.83 0.00	57.20 3.85 -0.22	55.73 3.48 -1.00	63.42 3.39 0.00	102.93 5.18 0.00	161.02 7.91 0.00	214.39 10.08 0.00	101.04 4.71 0.00	67.36 2.93 0.00	64.48 2.85 0.00	61.29 2.46 0.00	51.86 2.12 0.00
ASTORIA_GT3_3 24100	54.10 2.34 0.00	50.68 2.17 0.00	50.90 2.20 0.00	50.93 2.09 0.00	51.86 2.16 0.00	52.32 1.84 0.00	122.24 4.94 0.00	99.33 4.27 0.00	95.65 4.72 0.00	62.19 3.75 0.00	55.68 3.85 0.00	53.74 3.78 -0.94	56.60 3.83 0.00	57.20 3.85 -0.22	55.73 3.48 -1.00	63.42 3.39 0.00	102.93 5.18 0.00	161.02 7.91 0.00	214.39 10.08 0.00	101.04 4.71 0.00	67.36 2.93 0.00	64.48 2.85 0.00	61.29 2.46 0.00	51.86 2.12 0.00
ASTORIA_GT3_4 24101	54.10 2.34 0.00	50.68 2.17 0.00	50.90 2.20 0.00	50.93 2.09 0.00	51.86 2.16 0.00	52.32 1.84 0.00	122.24 4.94 0.00	99.33 4.27 0.00	95.65 4.72 0.00	62.19 3.75 0.00	55.68 3.85 0.00	53.74 3.78 -0.94	56.60 3.83 0.00	57.20 3.85 -0.22	55.73 3.48 -1.00	63.42 3.39 0.00	102.93 5.18 0.00	161.02 7.91 0.00	214.39 10.08 0.00	101.04 4.71 0.00	67.36 2.93 0.00	64.48 2.85 0.00	61.29 2.46 0.00	51.86 2.12 0.00
ASTORIA_GT4_1 24102	54.10 2.34 0.00	50.68 2.17 0.00	50.90 2.20 0.00	50.93 2.09 0.00	51.86 2.16 0.00	52.32 1.84 0.00	122.24 4.94 0.00	99.33 4.27 0.00	95.65 4.72 0.00	62.19 3.75 0.00	55.68 3.85 0.00	53.74 3.78 -0.94	56.60 3.83 0.00	57.20 3.85 -0.22	55.73 3.48 -1.00	63.42 3.39 0.00	102.93 5.18 0.00	161.02 7.91 0.00	214.39 10.08 0.00	101.04 4.71 0.00	67.36 2.93 0.00	64.48 2.85 0.00	61.29 2.46 0.00	51.86 2.12 0.00
ASTORIA_GT4_2 24103	54.10 2.34 0.00	50.68 2.17 0.00	50.90 2.20 0.00	50.93 2.09 0.00	51.86 2.16 0.00	52.32 1.84 0.00	122.24 4.94 0.00	99.33 4.27 0.00	95.65 4.72 0.00	62.19 3.75 0.00	55.68 3.85 0.00	53.74 3.78 -0.94	56.60 3.83 0.00	57.20 3.85 -0.22	55.73 3.48 -1.00	63.42 3.39 0.00	102.93 5.18 0.00	161.02 7.91 0.00	214.39 10.08 0.00	101.04 4.71 0.00	67.36 2.93 0.00	64.48 2.85 0.00	61.29 2.46 0.00	51.86 2.12 0.00
ASTORIA_GT4_3 24104	54.10 2.34 0.00	50.68 2.17 0.00	50.90 2.20 0.00	50.93 2.09 0.00	51.86 2.16 0.00	52.32 1.84 0.00	122.24 4.94 0.00	99.33 4.27 0.00	95.65 4.72 0.00	62.19 3.75 0.00	55.68 3.85 0.00	53.74 3.78 -0.94	56.60 3.83 0.00	57.20 3.85 -0.22	55.73 3.48 -1.00	63.42 3.39 0.00	102.93 5.18 0.00	161.02 7.91 0.00	214.39 10.08 0.00	101.04 4.71 0.00	67.36 2.93 0.00	64.48 2.85 0.00	61.29 2.46 0.00	51.86 2.12 0.00

ASTORIA_GT4_4 24105	54.10 2.34 0.00	50.68 2.17 0.00	50.90 2.20 0.00	50.93 2.09 0.00	51.86 2.16 0.00	52.32 1.84 0.00	122.24 4.94 0.00	99.33 4.27 0.00	95.65 4.72 0.00	62.19 3.75 0.00	55.68 3.85 0.00	53.74 3.78 -0.94	56.60 3.83 0.00	57.20 3.85 -0.22	55.73 3.48 -1.00	63.42 3.39 0.00	102.93 5.18 0.00	161.02 7.91 0.00	214.39 10.08 0.00	101.04 4.71 0.00	67.36 2.93 0.00	64.48 2.85 0.00	61.29 2.46 0.00	51.86 2.12 0.00
ASTORIA_GT_1 23523	54.20 2.43 0.00	50.76 2.25 0.00	50.99 2.29 0.00	51.00 2.17 0.00	51.95 2.25 0.00	52.40 1.91 0.00	122.43 5.14 0.00	99.52 4.46 0.00	95.84 4.91 0.00	62.31 3.87 0.00	55.80 3.97 0.00	53.86 3.90 -0.94	56.73 3.95 0.00	57.31 3.96 -0.22	55.84 3.59 -1.00	63.55 3.52 0.00	103.16 5.41 0.00	161.35 8.23 0.00	214.81 10.50 0.00	101.25 4.92 0.00	67.49 3.06 0.00	64.60 2.98 0.00	61.41 2.57 0.00	51.97 2.22 0.00
ASTORIA_GT_10 24110	53.79 2.03 0.00	50.39 1.87 0.00	50.85 2.14 0.00	50.88 2.05 0.00	51.80 2.10 0.00	52.50 2.01 0.00	122.40 5.11 0.00	99.41 4.34 0.00	95.64 4.70 0.00	62.34 3.90 0.00	55.86 4.03 0.00	53.88 3.92 -0.94	56.76 3.98 0.00	57.35 4.00 -0.22	55.90 3.64 -1.00	63.58 3.55 0.00	102.92 5.17 0.00	161.07 7.96 0.00	214.43 10.12 0.00	100.99 4.66 0.00	67.31 2.88 0.00	64.47 2.85 0.00	61.32 2.48 0.00	51.89 2.14 0.00
ASTORIA_GT_11 24225	53.79 2.03 0.00	50.39 1.87 0.00	50.85 2.14 0.00	50.88 2.05 0.00	51.80 2.10 0.00	52.50 2.01 0.00	122.40 5.11 0.00	99.41 4.34 0.00	95.64 4.70 0.00	62.34 3.90 0.00	55.86 4.03 0.00	53.88 3.92 -0.94	56.76 3.98 0.00	57.35 4.00 -0.22	55.90 3.64 -1.00	63.58 3.55 0.00	102.92 5.17 0.00	161.07 7.96 0.00	214.43 10.12 0.00	100.99 4.66 0.00	67.31 2.88 0.00	64.47 2.85 0.00	61.32 2.48 0.00	51.89 2.14 0.00
ASTORIA_GT_12 24226	53.79 2.03 0.00	50.39 1.87 0.00	50.85 2.14 0.00	50.88 2.05 0.00	51.80 2.10 0.00	52.50 2.01 0.00	122.40 5.11 0.00	99.41 4.34 0.00	95.64 4.70 0.00	62.34 3.90 0.00	55.86 4.03 0.00	53.88 3.92 -0.94	56.76 3.98 0.00	57.35 4.00 -0.22	55.90 3.64 -1.00	63.58 3.55 0.00	102.92 5.17 0.00	161.07 7.96 0.00	214.43 10.12 0.00	100.99 4.66 0.00	67.31 2.88 0.00	64.47 2.85 0.00	61.32 2.48 0.00	51.89 2.14 0.00
ASTORIA_GT_13 24227	53.79 2.03 0.00	50.39 1.87 0.00	50.85 2.14 0.00	50.88 2.05 0.00	51.80 2.10 0.00	52.50 2.01 0.00	122.40 5.11 0.00	99.41 4.34 0.00	95.64 4.70 0.00	62.34 3.90 0.00	55.86 4.03 0.00	53.88 3.92 -0.94	56.76 3.98 0.00	57.35 4.00 -0.22	55.90 3.64 -1.00	63.58 3.55 0.00	102.92 5.17 0.00	161.07 7.96 0.00	214.43 10.12 0.00	100.99 4.66 0.00	67.31 2.88 0.00	64.47 2.85 0.00	61.32 2.48 0.00	51.89 2.14 0.00
ASTORIA_GT_5 24106	54.20 2.43 0.00	50.76 2.25 0.00	50.99 2.29 0.00	51.00 2.17 0.00	51.95 2.25 0.00	52.40 1.91 0.00	122.43 5.14 0.00	99.52 4.46 0.00	95.84 4.91 0.00	62.31 3.87 0.00	55.80 3.97 0.00	53.86 3.90 -0.94	56.73 3.95 0.00	57.31 3.96 -0.22	55.84 3.59 -1.00	63.55 3.52 0.00	103.16 5.41 0.00	161.35 8.23 0.00	214.81 10.50 0.00	101.25 4.92 0.00	67.49 3.06 0.00	64.60 2.98 0.00	61.41 2.57 0.00	51.97 2.22 0.00
ASTORIA_GT_7 24107	54.20 2.43 0.00	50.76 2.25 0.00	50.99 2.29 0.00	51.00 2.17 0.00	51.95 2.25 0.00	52.40 1.91 0.00	122.43 5.14 0.00	99.52 4.46 0.00	95.84 4.91 0.00	62.31 3.87 0.00	55.80 3.97 0.00	53.86 3.90 -0.94	56.73 3.95 0.00	57.31 3.96 -0.22	55.84 3.59 -1.00	63.55 3.52 0.00	103.16 5.41 0.00	161.35 8.23 0.00	214.81 10.50 0.00	101.25 4.92 0.00	67.49 3.06 0.00	64.60 2.98 0.00	61.41 2.57 0.00	51.97 2.22 0.00
ASTORIA_GT_8 24108	54.20 2.43 0.00	50.76 2.25 0.00	50.99 2.29 0.00	51.00 2.17 0.00	51.95 2.25 0.00	52.40 1.91 0.00	122.43 5.14 0.00	99.52 4.46 0.00	95.84 4.91 0.00	62.31 3.87 0.00	55.80 3.97 0.00	53.86 3.90 -0.94	56.73 3.95 0.00	57.31 3.96 -0.22	55.84 3.59 -1.00	63.55 3.52 0.00	103.16 5.41 0.00	161.35 8.23 0.00	214.81 10.50 0.00	101.25 4.92 0.00	67.49 3.06 0.00	64.60 2.98 0.00	61.41 2.57 0.00	51.97 2.22 0.00
ASTORIA___2 24149	54.11 2.34 -0.01	50.69 2.17 0.00	50.90 2.20 0.00	50.93 2.09 0.00	51.86 2.16 0.00	52.32 1.84 0.00	122.21 4.92 0.00	99.33 4.26 0.00	95.64 4.71 0.00	62.19 3.75 0.00	55.69 3.86 0.00	53.83 3.84 -0.94	56.62 3.84 0.00	57.19 3.84 -0.22	55.75 3.50 -1.00	63.42 3.39 0.00	102.93 5.17 0.00	161.02 7.90 0.00	214.39 10.08 0.00	101.04 4.71 0.00	67.36 2.93 0.00	64.48 2.85 0.00	61.28 2.44 0.00	51.86 2.12 0.00
ASTORIA___3 23516	53.80 2.03 0.00	50.40 1.88 0.00	50.84 2.14 0.00	50.89 2.05 0.00	51.81 2.10 0.00	52.50 2.01 0.00	122.40 5.10 0.00	99.41 4.34 0.00	95.63 4.70 0.00	62.34 3.90 0.00	55.88 4.05 0.00	53.91 3.95 -0.94	56.77 3.99 0.00	57.34 4.00 -0.22	55.89 3.64 -1.00	63.57 3.54 0.00	102.92 5.17 0.00	161.07 7.95 0.00	214.44 10.12 0.00	100.99 4.66 0.00	67.30 2.88 0.00	64.47 2.85 0.00	61.31 2.48 0.00	51.88 2.14 0.00
ASTORIA___4 23517	53.79 2.03 0.00	50.39 1.87 0.00	50.85 2.14 0.00	50.88 2.05 0.00	51.80 2.10 0.00	52.50 2.01 0.00	122.40 5.11 0.00	99.41 4.34 0.00	95.64 4.70 0.00	62.34 3.90 0.00	55.86 4.03 0.00	53.88 3.92 -0.94	56.76 3.98 0.00	57.35 4.00 -0.22	55.90 3.64 -1.00	63.58 3.55 0.00	102.92 5.17 0.00	161.07 7.96 0.00	214.43 10.12 0.00	100.99 4.66 0.00	67.31 2.88 0.00	64.47 2.85 0.00	61.32 2.48 0.00	51.89 2.14 0.00
ASTORIA___5 23518	53.80 2.03 0.00	50.40 1.88 0.00	50.84 2.14 0.00	50.89 2.05 0.00	51.80 2.10 0.00	52.50 2.01 0.00	122.40 5.10 0.00	99.41 4.34 0.00	95.63 4.70 0.00	62.34 3.90 0.00	55.87 4.04 0.00	53.91 3.95 -0.94	56.76 3.98 0.00	57.34 4.00 -0.22	55.89 3.64 -1.00	63.57 3.54 0.00	102.92 5.17 0.00	161.07 7.95 0.00	214.43 10.12 0.00	100.99 4.66 0.00	67.30 2.88 0.00	64.47 2.85 0.00	61.31 2.48 0.00	51.88 2.14 0.00
AST_ENERGY_2_CC3 323677	53.51 1.74 -0.01	50.13 1.61 0.00	50.35 1.65 0.00	50.37 1.53 0.00	51.30 1.60 0.00	51.74 1.25 0.00	120.88 3.59 0.00	98.27 3.21 0.00	94.62 3.69 0.00	61.52 3.08 0.00	55.09 3.27 0.00	53.24 3.28 -0.94	55.99 3.21 0.00	56.56 3.21 -0.22	55.16 2.90 -1.00	62.75 2.72 0.00	101.85 4.10 0.00	159.32 6.20 0.00	212.12 7.80 0.00	99.95 3.62 0.00	66.63 2.20 0.00	63.78 2.16 0.00	60.59 1.75 0.00	51.28 1.54 0.00
AST_ENERGY_2_CC4 323678	53.51 1.74 -0.01	50.13 1.61 0.00	50.35 1.65 0.00	50.37 1.53 0.00	51.30 1.60 0.00	51.74 1.25 0.00	120.88 3.59 0.00	98.27 3.21 0.00	94.62 3.69 0.00	61.52 3.08 0.00	55.09 3.27 0.00	53.24 3.28 -0.94	55.99 3.21 0.00	56.56 3.21 -0.22	55.16 2.90 -1.00	62.75 2.72 0.00	101.85 4.10 0.00	159.32 6.20 0.00	212.12 7.80 0.00	99.95 3.62 0.00	66.63 2.20 0.00	63.78 2.16 0.00	60.59 1.75 0.00	51.28 1.54 0.00

ATHENS_STG_1 23668	52.79 1.02 0.00	49.60 1.08 0.00	49.84 1.14 0.00	50.01 1.17 0.00	50.82 1.12 0.00	51.53 1.04 0.00	120.01 2.72 0.00	97.28 2.22 0.00	93.17 2.24 0.00	60.10 1.67 0.00	53.39 1.56 0.00	50.47 1.45 0.00	54.23 1.45 0.00	54.60 1.47 0.00	52.73 1.48 0.00	61.65 1.62 0.00	100.24 2.48 0.00	156.75 3.64 0.00	208.99 4.67 0.00	98.60 2.27 0.00	65.88 1.45 0.00	63.08 1.45 0.00	60.05 1.22 0.00	50.73 0.99 0.00
ATHENS_STG_2 23670	52.79 1.02 0.00	49.60 1.08 0.00	49.84 1.14 0.00	50.01 1.17 0.00	50.82 1.12 0.00	51.53 1.04 0.00	120.01 2.72 0.00	97.28 2.22 0.00	93.17 2.24 0.00	60.10 1.67 0.00	53.39 1.56 0.00	50.47 1.45 0.00	54.23 1.45 0.00	54.60 1.47 0.00	52.73 1.48 0.00	61.65 1.62 0.00	100.24 2.48 0.00	156.75 3.64 0.00	208.99 4.67 0.00	98.60 2.27 0.00	65.88 1.45 0.00	63.08 1.45 0.00	60.05 1.22 0.00	50.73 0.99 0.00
ATHENS_STG_3 23677	52.79 1.02 0.00	49.60 1.08 0.00	49.84 1.14 0.00	50.01 1.17 0.00	50.82 1.12 0.00	51.53 1.04 0.00	120.01 2.72 0.00	97.28 2.22 0.00	93.17 2.24 0.00	60.10 1.67 0.00	53.39 1.56 0.00	50.47 1.45 0.00	54.23 1.45 0.00	54.60 1.47 0.00	52.73 1.48 0.00	61.65 1.62 0.00	100.24 2.48 0.00	156.75 3.64 0.00	208.99 4.67 0.00	98.60 2.27 0.00	65.88 1.45 0.00	63.08 1.45 0.00	60.05 1.22 0.00	50.73 0.99 0.00
AUBURN___LFGE 323710	52.02 0.25 0.00	48.64 0.12 0.00	48.87 0.17 0.00	49.04 0.20 0.00	49.82 0.11 0.00	50.65 0.16 0.00	117.43 0.13 0.00	95.22 0.16 0.00	90.95 0.02 0.00	58.25 -0.18 0.00	51.51 -0.32 0.00	48.72 -0.30 0.00	52.59 -0.19 0.00	52.93 -0.20 0.00	50.93 -0.33 0.00	59.70 -0.33 0.00	98.74 -0.22 -1.20	153.42 0.19 -0.12	204.84 0.53 0.00	96.33 0.00 0.00	64.44 0.01 0.00	61.53 -0.10 0.00	58.91 0.07 0.00	49.94 0.19 0.00
BABYLON_RES_REC 323704	55.16 3.40 0.00	50.16 3.04 1.40	51.55 3.09 0.24	51.77 2.94 0.00	52.91 3.21 0.00	52.89 2.41 0.00	124.54 4.83 -2.41	101.66 4.46 -2.14	97.45 5.16 -1.36	65.32 5.66 -1.23	57.67 5.46 -0.38	54.49 5.11 -0.35	57.74 5.00 0.04	57.97 5.06 0.22	55.81 4.55 -0.01	65.79 4.24 -1.52	106.79 6.32 -2.72	166.76 10.26 -3.39	220.82 13.48 -3.03	106.17 6.67 -3.17	70.47 4.07 -1.96	67.39 3.91 -1.86	64.10 3.65 -1.61	52.96 3.21 -0.01
BALL_HILL_WT_PWR 323825	51.27 -0.50 0.00	46.55 -1.03 0.94	46.30 -1.03 1.38	45.72 -1.08 2.04	48.11 -0.92 0.68	49.64 -0.75 0.10	113.10 -4.06 0.13	85.30 -3.39 6.36	86.38 -2.86 1.68	57.37 -1.07 0.00	51.48 -0.35 0.00	49.43 0.41 0.00	53.76 0.98 0.00	53.96 0.83 0.00	50.37 -0.89 0.00	57.34 -2.24 0.45	81.98 -4.23 11.54	142.22 -4.82 6.08	195.53 -5.51 3.27	89.38 -3.38 3.57	57.26 -1.89 5.28	55.36 -2.25 4.01	53.03 -0.49 5.32	47.30 0.24 2.68
BARON_WINDS___WT_PWR 323822	51.07 -0.70 0.00	48.15 -1.07 -0.71	48.72 -1.02 -1.04	49.29 -1.08 -1.54	49.24 -0.98 -0.51	50.04 -0.52 -0.07	113.32 -4.07 -0.09	96.00 -3.38 -4.32	88.36 -3.71 -1.14	56.42 -2.02 0.00	50.74 -1.09 0.00	48.54 -0.48 0.00	52.72 -0.06 0.00	52.92 -0.21 0.00	49.76 -1.50 0.00	57.87 -2.54 -0.38	87.24 -4.20 6.31	151.51 -5.12 -3.52	200.80 -6.29 -2.78	95.84 -3.47 -2.98	66.29 -2.04 -3.90	62.86 -2.18 -3.41	62.44 -0.92 -4.52	51.63 -0.47 -2.35
BARRETT_IC_1 23704	54.69 2.84 -0.09	83.13 2.56 -32.06	56.77 2.63 -5.44	51.43 2.53 -0.06	52.53 2.74 -0.09	52.57 2.04 -0.04	121.15 3.85 0.00	98.66 3.60 0.00	95.29 4.36 0.00	77.46 4.77 -14.26	62.60 4.66 -6.11	62.31 4.43 -8.85	58.06 4.40 -0.88	65.98 4.48 -8.38	58.23 3.85 -3.12	63.61 3.52 -0.06	105.41 5.13 -2.53	161.41 8.30 0.00	215.15 10.84 0.00	101.58 5.25 0.00	67.61 3.18 0.00	64.70 3.08 0.00	61.81 2.94 -0.03	52.47 2.69 -0.03
BARRETT_IC_10 23701	54.69 2.84 -0.09	83.13 2.56 -32.06	56.77 2.63 -5.44	51.43 2.53 -0.06	52.53 2.74 -0.09	52.57 2.04 -0.04	121.15 3.85 0.00	98.66 3.60 0.00	95.29 4.36 0.00	77.46 4.77 -14.26	62.60 4.66 -6.11	62.31 4.43 -8.85	58.06 4.40 -0.88	65.98 4.48 -8.38	58.23 3.85 -3.12	63.61 3.52 -0.06	105.41 5.13 -2.53	161.41 8.30 0.00	215.15 10.84 0.00	101.58 5.25 0.00	67.61 3.18 0.00	64.70 3.08 0.00	61.81 2.94 -0.03	52.47 2.69 -0.03
BARRETT_IC_11 23702	54.69 2.84 -0.09	83.13 2.56 -32.06	56.77 2.63 -5.44	51.43 2.53 -0.06	52.53 2.74 -0.09	52.57 2.04 -0.04	121.15 3.85 0.00	98.66 3.60 0.00	95.29 4.36 0.00	77.46 4.77 -14.26	62.60 4.66 -6.11	62.31 4.43 -8.85	58.06 4.40 -0.88	65.98 4.48 -8.38	58.23 3.85 -3.12	63.61 3.52 -0.06	105.41 5.13 -2.53	161.41 8.30 0.00	215.15 10.84 0.00	101.58 5.25 0.00	67.61 3.18 0.00	64.70 3.08 0.00	61.81 2.94 -0.03	52.47 2.69 -0.03
BARRETT_IC_12 23703	54.69 2.84 -0.09	83.13 2.56 -32.06	56.77 2.63 -5.44	51.43 2.53 -0.06	52.53 2.74 -0.09	52.57 2.04 -0.04	121.15 3.85 0.00	98.66 3.60 0.00	95.29 4.36 0.00	77.46 4.77 -14.26	62.60 4.66 -6.11	62.31 4.43 -8.85	58.06 4.40 -0.88	65.98 4.48 -8.38	58.23 3.85 -3.12	63.61 3.52 -0.06	105.41 5.13 -2.53	161.41 8.30 0.00	215.15 10.84 0.00	101.58 5.25 0.00	67.61 3.18 0.00	64.70 3.08 0.00	61.81 2.94 -0.03	52.47 2.69 -0.03
BARRETT_IC_2 23705	54.69 2.84 -0.09	83.13 2.56 -32.06	56.77 2.63 -5.44	51.43 2.53 -0.06	52.53 2.74 -0.09	52.57 2.04 -0.04	121.15 3.85 0.00	98.66 3.60 0.00	95.29 4.36 0.00	77.46 4.77 -14.26	62.60 4.66 -6.11	62.31 4.43 -8.85	58.06 4.40 -0.88	65.98 4.48 -8.38	58.23 3.85 -3.12	63.61 3.52 -0.06	105.41 5.13 -2.53	161.41 8.30 0.00	215.15 10.84 0.00	101.58 5.25 0.00	67.61 3.18 0.00	64.70 3.08 0.00	61.81 2.94 -0.03	52.47 2.69 -0.03
BARRETT_IC_3 23706	54.69 2.84 -0.09	83.13 2.56 -32.06	56.77 2.63 -5.44	51.43 2.53 -0.06	52.53 2.74 -0.09	52.57 2.04 -0.04	121.15 3.85 0.00	98.66 3.60 0.00	95.29 4.36 0.00	77.46 4.77 -14.26	62.60 4.66 -6.11	62.31 4.43 -8.85	58.06 4.40 -0.88	65.98 4.48 -8.38	58.23 3.85 -3.12	63.61 3.52 -0.06	105.41 5.13 -2.53	161.41 8.30 0.00	215.15 10.84 0.00	101.58 5.25 0.00	67.61 3.18 0.00	64.70 3.08 0.00	61.81 2.94 -0.03	52.47 2.69 -0.03
BARRETT_IC_4 23707	54.69 2.84 -0.09	83.13 2.56 -32.06	56.77 2.63 -5.44	51.43 2.53 -0.06	52.53 2.74 -0.09	52.57 2.04 -0.04	121.15 3.85 0.00	98.66 3.60 0.00	95.29 4.36 0.00	77.46 4.77 -14.26	62.60 4.66 -6.11	62.31 4.43 -8.85	58.06 4.40 -0.88	65.98 4.48 -8.38	58.23 3.85 -3.12	63.61 3.52 -0.06	105.41 5.13 -2.53	161.41 8.30 0.00	215.15 10.84 0.00	101.58 5.25 0.00	67.61 3.18 0.00	64.70 3.08 0.00	61.81 2.94 -0.03	52.47 2.69 -0.03
BARRETT_IC_5 23708	54.69 2.84 -0.09	83.13 2.56 -32.06	56.77 2.63 -5.44	51.43 2.53 -0.06	52.53 2.74 -0.09	52.57 2.04 -0.04	121.15 3.85 0.00	98.66 3.60 0.00	95.29 4.36 0.00	77.46 4.77 -14.26	62.60 4.66 -6.11	62.31 4.43 -8.85	58.06 4.40 -0.88	65.98 4.48 -8.38	58.23 3.85 -3.12	63.61 3.52 -0.06	105.41 5.13 -2.53	161.41 8.30 0.00	215.15 10.84 0.00	101.58 5.25 0.00	67.61 3.18 0.00	64.70 3.08 0.00	61.81 2.94 -0.03	52.47 2.69 -0.03

BARRETT_IC_6 23709	54.69 2.84 -0.09	83.13 2.56 -32.06	56.77 2.63 -5.44	51.43 2.53 -0.06	52.53 2.74 -0.09	52.57 2.04 -0.04	121.15 3.85 0.00	98.66 3.60 0.00	95.29 4.36 0.00	77.46 4.77 -14.26	62.60 4.66 -6.11	62.31 4.43 -8.85	58.06 4.40 -0.88	65.98 4.48 -8.38	58.23 3.85 -3.12	63.61 3.52 -0.06	105.41 5.13 -2.53	161.41 8.30 0.00	215.15 10.84 0.00	101.58 5.25 0.00	67.61 3.18 0.00	64.70 3.08 0.00	61.81 2.94 -0.03	52.47 2.69 -0.03
BARRETT_IC_7 23710	54.70 2.85 -0.09	83.15 2.58 -32.06	56.78 2.64 -5.44	51.43 2.53 -0.06	52.54 2.75 -0.09	52.57 2.04 -0.04	121.15 3.85 0.00	98.66 3.60 0.00	95.29 4.35 0.00	77.49 4.80 -14.26	62.58 4.64 -6.11	62.29 4.42 -8.85	58.01 4.35 -0.88	65.96 4.46 -8.38	58.24 3.87 -3.12	63.63 3.54 -0.06	105.42 5.13 -2.53	161.42 8.31 0.00	215.23 10.92 0.00	101.58 5.25 0.00	67.61 3.18 0.00	64.71 3.08 0.00	61.83 2.96 -0.03	52.47 2.70 -0.03
BARRETT_IC_8 23711	54.69 2.84 -0.09	83.13 2.56 -32.06	56.77 2.63 -5.44	51.43 2.53 -0.06	52.53 2.74 -0.09	52.57 2.04 -0.04	121.15 3.85 0.00	98.66 3.60 0.00	95.29 4.36 0.00	77.46 4.77 -14.26	62.60 4.66 -6.11	62.31 4.43 -8.85	58.06 4.40 -0.88	65.98 4.48 -8.38	58.23 3.85 -3.12	63.61 3.52 -0.06	105.41 5.13 -2.53	161.41 8.30 0.00	215.15 10.84 0.00	101.58 5.25 0.00	67.61 3.18 0.00	64.70 3.08 0.00	61.81 2.94 -0.03	52.47 2.69 -0.03
BARRETT_IC_9 23700	54.69 2.84 -0.09	83.13 2.56 -32.06	56.77 2.63 -5.44	51.43 2.53 -0.06	52.53 2.74 -0.09	52.57 2.04 -0.04	121.15 3.85 0.00	98.66 3.60 0.00	95.29 4.36 0.00	77.46 4.77 -14.26	62.60 4.66 -6.11	62.31 4.43 -8.85	58.06 4.40 -0.88	65.98 4.48 -8.38	58.23 3.85 -3.12	63.61 3.52 -0.06	105.41 5.13 -2.53	161.41 8.30 0.00	215.15 10.84 0.00	101.58 5.25 0.00	67.61 3.18 0.00	64.70 3.08 0.00	61.81 2.94 -0.03	52.47 2.69 -0.03
BARRETT___1 23545	54.69 2.84 -0.09	83.13 2.56 -32.06	56.77 2.63 -5.44	51.43 2.53 -0.06	52.53 2.74 -0.09	52.57 2.04 -0.04	121.15 3.85 0.00	98.66 3.60 0.00	95.29 4.36 0.00	77.46 4.77 -14.26	62.60 4.66 -6.11	62.31 4.43 -8.85	58.06 4.40 -0.88	65.98 4.48 -8.38	58.23 3.85 -3.12	63.61 3.52 -0.06	105.41 5.13 -2.53	161.41 8.30 0.00	215.15 10.84 0.00	101.58 5.25 0.00	67.61 3.18 0.00	64.70 3.08 0.00	61.81 2.94 -0.03	52.47 2.69 -0.03
BARRETT___2 23546	54.69 2.84 -0.09	83.13 2.56 -32.06	56.77 2.63 -5.44	51.43 2.53 -0.06	52.53 2.74 -0.09	52.57 2.04 -0.04	121.15 3.85 0.00	98.66 3.60 0.00	95.29 4.36 0.00	77.46 4.77 -14.26	62.60 4.66 -6.11	62.31 4.43 -8.85	58.06 4.40 -0.88	65.98 4.48 -8.38	58.23 3.85 -3.12	63.61 3.52 -0.06	105.41 5.13 -2.53	161.41 8.30 0.00	215.15 10.84 0.00	101.58 5.25 0.00	67.61 3.18 0.00	64.70 3.08 0.00	61.81 2.94 -0.03	52.47 2.69 -0.03
BATAVIA__115KV_TB1 55881	52.23 0.46 0.00	48.39 -0.13 0.00	48.46 -0.24 0.00	48.60 -0.24 0.00	49.81 0.11 0.00	50.52 0.04 0.00	115.07 -2.23 0.00	93.68 -1.38 0.00	89.82 -1.11 0.00	57.44 -1.00 0.00	51.24 -0.58 0.00	49.11 0.09 0.00	53.68 0.91 0.00	53.77 0.65 0.00	50.85 -0.41 0.00	58.94 -1.09 0.00	91.54 -1.82 4.39	151.36 -1.31 0.45	204.50 0.19 0.00	95.05 -1.28 0.00	63.83 -0.61 0.00	60.71 -0.91 0.00	59.37 0.53 0.00	50.64 0.89 0.00
BAYONEEC___CTG1 323682	53.77 2.00 0.00	50.32 1.81 0.00	50.65 1.95 0.00	50.71 1.88 0.00	51.63 1.92 0.00	52.45 1.96 0.00	122.45 5.15 0.00	99.39 4.33 0.00	95.52 4.59 0.00	62.29 3.86 0.00	55.74 3.91 0.00	53.71 3.74 -0.95	56.64 3.86 0.00	57.22 3.87 -0.22	55.76 3.50 -1.01	63.50 3.47 0.00	102.89 5.14 0.00	161.04 7.93 0.00	214.55 10.24 0.00	101.00 4.67 0.00	67.29 2.86 0.00	64.44 2.82 0.00	61.26 2.42 0.00	51.81 2.06 0.00
BAYONEEC___CTG10 323750	53.77 2.00 0.00	50.32 1.81 0.00	50.65 1.95 0.00	50.71 1.88 0.00	51.63 1.92 0.00	52.45 1.96 0.00	122.45 5.15 0.00	99.39 4.33 0.00	95.52 4.59 0.00	62.29 3.86 0.00	55.74 3.91 0.00	53.71 3.74 -0.95	56.64 3.86 0.00	57.22 3.87 -0.22	55.76 3.50 -1.01	63.50 3.47 0.00	102.89 5.14 0.00	161.04 7.93 0.00	214.55 10.24 0.00	101.00 4.67 0.00	67.29 2.86 0.00	64.44 2.82 0.00	61.26 2.42 0.00	51.81 2.06 0.00
BAYONEEC___CTG2 323683	53.77 2.00 0.00	50.32 1.81 0.00	50.65 1.95 0.00	50.71 1.88 0.00	51.63 1.92 0.00	52.45 1.96 0.00	122.45 5.15 0.00	99.39 4.33 0.00	95.52 4.59 0.00	62.29 3.86 0.00	55.74 3.91 0.00	53.71 3.74 -0.95	56.64 3.86 0.00	57.22 3.87 -0.22	55.76 3.50 -1.01	63.50 3.47 0.00	102.89 5.14 0.00	161.04 7.93 0.00	214.55 10.24 0.00	101.00 4.67 0.00	67.29 2.86 0.00	64.44 2.82 0.00	61.26 2.42 0.00	51.81 2.06 0.00
BAYONEEC___CTG3 323684	53.77 2.00 0.00	50.32 1.81 0.00	50.65 1.95 0.00	50.71 1.88 0.00	51.63 1.92 0.00	52.45 1.96 0.00	122.45 5.15 0.00	99.39 4.33 0.00	95.52 4.59 0.00	62.29 3.86 0.00	55.74 3.91 0.00	53.71 3.74 -0.95	56.64 3.86 0.00	57.22 3.87 -0.22	55.76 3.50 -1.01	63.50 3.47 0.00	102.89 5.14 0.00	161.04 7.93 0.00	214.55 10.24 0.00	101.00 4.67 0.00	67.29 2.86 0.00	64.44 2.82 0.00	61.26 2.42 0.00	51.81 2.06 0.00
BAYONEEC___CTG4 323685	53.77 2.00 0.00	50.32 1.81 0.00	50.65 1.95 0.00	50.71 1.88 0.00	51.63 1.92 0.00	52.45 1.96 0.00	122.45 5.15 0.00	99.39 4.33 0.00	95.52 4.59 0.00	62.29 3.86 0.00	55.74 3.91 0.00	53.71 3.74 -0.95	56.64 3.86 0.00	57.22 3.87 -0.22	55.76 3.50 -1.01	63.50 3.47 0.00	102.89 5.14 0.00	161.04 7.93 0.00	214.55 10.24 0.00	101.00 4.67 0.00	67.29 2.86 0.00	64.44 2.82 0.00	61.26 2.42 0.00	51.81 2.06 0.00
BAYONEEC___CTG5 323686	53.77 2.00 0.00	50.32 1.81 0.00	50.65 1.95 0.00	50.71 1.88 0.00	51.63 1.92 0.00	52.45 1.96 0.00	122.45 5.15 0.00	99.39 4.33 0.00	95.52 4.59 0.00	62.29 3.86 0.00	55.74 3.91 0.00	53.71 3.74 -0.95	56.64 3.86 0.00	57.22 3.87 -0.22	55.76 3.50 -1.01	63.50 3.47 0.00	102.89 5.14 0.00	161.04 7.93 0.00	214.55 10.24 0.00	101.00 4.67 0.00	67.29 2.86 0.00	64.44 2.82 0.00	61.26 2.42 0.00	51.81 2.06 0.00
BAYONEEC___CTG6 323687	53.77 2.00 0.00	50.32 1.81 0.00	50.65 1.95 0.00	50.71 1.88 0.00	51.63 1.92 0.00	52.45 1.96 0.00	122.45 5.15 0.00	99.39 4.33 0.00	95.52 4.59 0.00	62.29 3.86 0.00	55.74 3.91 0.00	53.71 3.74 -0.95	56.64 3.86 0.00	57.22 3.87 -0.22	55.76 3.50 -1.01	63.50 3.47 0.00	102.89 5.14 0.00	161.04 7.93 0.00	214.55 10.24 0.00	101.00 4.67 0.00	67.29 2.86 0.00	64.44 2.82 0.00	61.26 2.42 0.00	51.81 2.06 0.00
BAYONEEC___CTG7 323688	53.77 2.00 0.00	50.32 1.81 0.00	50.65 1.95 0.00	50.71 1.88 0.00	51.63 1.92 0.00	52.45 1.96 0.00	122.45 5.15 0.00	99.39 4.33 0.00	95.52 4.59 0.00	62.29 3.86 0.00	55.74 3.91 0.00	53.71 3.74 -0.95	56.64 3.86 0.00	57.22 3.87 -0.22	55.76 3.50 -1.01	63.50 3.47 0.00	102.89 5.14 0.00	161.04 7.93 0.00	214.55 10.24 0.00	101.00 4.67 0.00	67.29 2.86 0.00	64.44 2.82 0.00	61.26 2.42 0.00	51.81 2.06 0.00

BAYONEEC___CTG8 323689	53.77 2.00 0.00	50.32 1.81 0.00	50.65 1.95 0.00	50.71 1.88 0.00	51.63 1.92 0.00	52.45 1.96 0.00	122.45 5.15 0.00	99.39 4.33 0.00	95.52 4.59 0.00	62.29 3.86 0.00	55.74 3.91 0.00	53.71 3.74 -0.95	56.64 3.86 0.00	57.22 3.87 -0.22	55.76 3.50 -1.01	63.50 3.47 0.00	102.89 5.14 0.00	161.04 7.93 0.00	214.55 10.24 0.00	101.00 4.67 0.00	67.29 2.86 0.00	64.44 2.82 0.00	61.26 2.42 0.00	51.81 2.06 0.00
BAYONEEC___CTG9 323749	53.77 2.00 0.00	50.32 1.81 0.00	50.65 1.95 0.00	50.71 1.88 0.00	51.63 1.92 0.00	52.45 1.96 0.00	122.45 5.15 0.00	99.39 4.33 0.00	95.52 4.59 0.00	62.29 3.86 0.00	55.74 3.91 0.00	53.71 3.74 -0.95	56.64 3.86 0.00	57.22 3.87 -0.22	55.76 3.50 -1.01	63.50 3.47 0.00	102.89 5.14 0.00	161.04 7.93 0.00	214.55 10.24 0.00	101.00 4.67 0.00	67.29 2.86 0.00	64.44 2.82 0.00	61.26 2.42 0.00	51.81 2.06 0.00
BEACON___LESR 323632	52.84 1.08 0.00	49.59 1.07 0.00	49.76 1.06 0.00	49.87 1.03 0.00	50.74 1.04 0.00	51.82 1.33 0.00	120.56 3.26 0.00	97.64 2.58 0.00	93.02 2.09 0.00	59.38 0.94 0.00	52.41 0.58 0.00	49.51 0.49 0.00	53.17 0.39 0.00	53.57 0.45 0.00	52.33 1.08 0.00	61.62 1.59 0.00	100.59 2.83 0.00	157.43 4.31 0.00	209.97 5.66 0.00	98.34 2.01 0.00	66.40 1.97 0.00	63.60 1.98 0.00	60.47 1.63 0.00	51.02 1.27 0.00
BEAVER RIVER___HYD 24048	53.23 1.46 0.00	49.48 0.96 0.00	49.41 0.71 0.00	49.45 0.61 0.00	50.50 0.79 0.00	51.42 0.93 0.00	119.41 2.11 0.00	97.02 1.96 0.00	92.61 1.68 0.00	58.89 0.46 0.00	52.30 0.48 0.00	49.35 0.33 0.00	53.23 0.45 0.00	53.45 0.33 0.00	51.65 0.40 0.00	60.50 0.47 0.00	99.15 1.39 0.00	156.10 2.99 0.00	208.23 3.92 0.00	98.47 2.14 0.00	66.10 1.67 0.00	63.11 1.48 0.00	60.46 1.62 0.00	51.16 1.42 0.00
BEEBEE_GT_13 23619	51.53 -0.24 0.00	47.93 -0.59 0.00	48.06 -0.64 0.00	48.19 -0.64 0.00	49.29 -0.42 0.00	50.07 -0.42 0.00	114.88 -2.41 0.00	93.37 -1.70 0.00	89.52 -1.41 0.00	57.52 -0.91 0.00	51.37 -0.46 0.00	49.06 0.04 0.00	53.26 0.49 0.00	53.53 0.40 0.00	50.92 -0.34 0.00	59.18 -0.85 0.00	92.90 -1.81 3.05	150.91 -1.89 0.31	203.11 -1.20 0.00	94.80 -1.53 0.00	63.54 -0.89 0.00	60.59 -1.04 0.00	58.77 -0.07 0.00	49.96 0.21 0.00
BENSHRST_27_KV_BENSHRST_1 355998	54.37 2.61 0.00	50.85 2.33 0.00	51.16 2.46 0.00	51.17 2.33 0.00	52.10 2.40 0.00	52.85 2.36 0.00	123.37 6.07 0.00	100.22 5.16 0.00	96.44 5.51 0.00	62.84 4.40 0.00	56.26 4.43 0.00	54.34 4.38 -0.94	57.11 4.33 0.00	57.78 4.44 -0.22	56.29 4.02 -1.01	63.98 3.95 0.00	103.68 5.92 0.00	162.25 9.13 0.00	216.08 11.76 0.00	101.76 5.43 0.00	67.83 3.40 0.00	64.96 3.33 0.00	61.80 2.96 0.00	52.28 2.54 0.00
BETHLEHEM___GRP 23843	51.68 -0.08 0.00	48.62 0.10 0.00	48.81 0.11 0.00	48.92 0.08 0.00	49.74 0.04 0.00	50.57 0.08 0.00	117.59 0.30 0.00	95.37 0.30 0.00	91.11 0.17 0.00	58.27 -0.17 0.00	51.51 -0.32 0.00	48.63 -0.39 0.00	52.24 -0.54 0.00	52.63 -0.50 0.00	51.25 0.00 0.00	60.28 0.25 0.00	98.28 0.52 0.00	153.66 0.55 0.00	204.74 0.43 0.00	97.32 1.00 0.00	65.07 0.64 0.00	62.30 0.68 0.00	59.26 0.43 0.00	50.02 0.28 0.00
BETHLEHEM___GS1 323560	51.68 -0.08 0.00	48.63 0.11 0.00	48.81 0.11 0.00	48.92 0.09 0.00	49.75 0.04 0.00	50.57 0.08 0.00	117.59 0.30 0.00	95.37 0.31 0.00	91.11 0.18 0.00	58.27 -0.17 0.00	51.51 -0.32 0.00	48.63 -0.39 0.00	52.24 -0.54 0.00	52.63 -0.50 0.00	51.25 -0.01 0.00	60.28 0.25 0.00	98.28 0.53 0.00	153.67 0.56 0.00	204.74 0.43 0.00	97.31 0.98 0.00	65.07 0.64 0.00	62.30 0.68 0.00	59.27 0.43 0.00	50.02 0.28 0.00
BETHLEHEM___GS2 323561	51.68 -0.08 0.00	48.63 0.11 0.00	48.81 0.11 0.00	48.92 0.09 0.00	49.75 0.04 0.00	50.57 0.08 0.00	117.59 0.30 0.00	95.37 0.31 0.00	91.11 0.18 0.00	58.27 -0.17 0.00	51.51 -0.32 0.00	48.63 -0.39 0.00	52.24 -0.54 0.00	52.63 -0.50 0.00	51.25 -0.01 0.00	60.28 0.25 0.00	98.28 0.53 0.00	153.67 0.56 0.00	204.74 0.43 0.00	97.31 0.98 0.00	65.07 0.64 0.00	62.30 0.68 0.00	59.27 0.43 0.00	50.02 0.28 0.00
BETHLEHEM___GS3 323562	51.68 -0.08 0.00	48.63 0.11 0.00	48.81 0.11 0.00	48.92 0.09 0.00	49.75 0.04 0.00	50.57 0.08 0.00	117.59 0.30 0.00	95.37 0.31 0.00	91.11 0.18 0.00	58.27 -0.17 0.00	51.51 -0.32 0.00	48.63 -0.39 0.00	52.24 -0.54 0.00	52.63 -0.50 0.00	51.25 -0.01 0.00	60.28 0.25 0.00	98.28 0.53 0.00	153.67 0.56 0.00	204.74 0.43 0.00	97.31 0.98 0.00	65.07 0.64 0.00	62.30 0.68 0.00	59.27 0.43 0.00	50.02 0.28 0.00
BETHLEHEM___STEEL 23779	51.30 -0.46 0.00	47.55 -0.97 0.00	47.69 -1.01 0.00	47.80 -1.04 0.00	48.89 -0.81 0.00	49.62 -0.87 0.00	112.13 -5.17 0.00	91.20 -3.86 0.00	87.74 -3.19 0.00	56.71 -1.73 0.00	50.96 -0.87 0.00	48.92 -0.10 0.00	53.23 0.45 0.00	53.42 0.29 0.00	50.30 -0.95 0.00	58.00 -2.03 0.00	87.64 -4.09 6.03	147.36 -5.14 0.62	199.35 -4.97 0.00	92.65 -3.68 0.00	62.34 -2.09 0.00	59.35 -2.27 0.00	58.32 -0.52 0.00	49.89 0.14 0.00
BETHLHEM_115KV_TB1 79974	51.87 0.10 0.00	48.78 0.26 0.00	48.99 0.28 0.00	49.07 0.24 0.00	49.90 0.20 0.00	50.73 0.25 0.00	117.95 0.66 0.00	95.66 0.60 0.00	91.39 0.46 0.00	58.48 0.05 0.00	51.71 -0.12 0.00	48.84 -0.18 0.00	52.46 -0.32 0.00	52.87 -0.26 0.00	51.42 0.16 0.00	60.46 0.43 0.00	98.57 0.82 0.00	154.12 1.01 0.00	205.38 1.07 0.00	97.51 1.18 0.00	65.18 0.75 0.00	62.42 0.79 0.00	59.38 0.54 0.00	50.13 0.38 0.00
BETHPAGE_CC_5 323564	54.98 3.21 0.00	50.88 2.91 0.54	51.55 2.94 0.09	51.63 2.80 0.00	52.74 3.03 0.00	52.72 2.23 0.00	121.80 4.50 0.00	99.21 4.15 0.00	95.78 4.85 0.00	65.05 5.30 -1.31	57.51 5.18 -0.50	54.56 4.99 -0.56	57.64 4.88 0.01	58.09 4.96 0.00	55.75 4.41 -0.08	64.05 4.02 0.00	103.68 5.97 0.04	162.90 9.79 0.00	217.12 12.81 0.00	102.60 6.27 0.00	68.24 3.81 0.00	65.29 3.67 0.00	62.31 3.47 0.00	52.80 3.06 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	51.45 -0.31 0.00	47.68 -0.84 0.00	47.84 -0.86 0.00	47.95 -0.89 0.00	49.03 -0.68 0.00	49.80 -0.69 0.00	112.55 -4.75 0.00	91.55 -3.51 0.00	88.07 -2.86 0.00	56.94 -1.50 0.00	51.16 -0.66 0.00	49.11 0.09 0.00	53.44 0.66 0.00	53.62 0.49 0.00	50.49 -0.76 0.00	58.23 -1.81 0.00	87.90 -3.70 6.16	147.96 -4.53 0.63	200.15 -4.16 0.00	93.04 -3.29 0.00	62.61 -1.82 0.00	59.58 -2.04 0.00	58.51 -0.32 0.00	50.04 0.30 0.00
BINGHAMTON___COGEN 23790	52.30 0.54 0.00	48.98 0.46 0.00	49.20 0.49 0.00	49.36 0.52 0.00	50.25 0.54 0.00	51.11 0.62 0.00	118.47 1.17 0.00	96.04 0.98 0.00	91.73 0.80 0.00	58.76 0.33 0.00	52.20 0.38 0.00	49.48 0.46 0.00	53.35 0.57 0.00	53.67 0.54 0.00	51.52 0.26 0.00	60.19 0.16 0.00	98.98 0.27 -0.96	154.02 0.81 -0.10	205.50 1.19 0.00	96.83 0.50 0.00	65.00 0.57 0.00	61.85 0.23 0.00	59.23 0.40 0.00	50.11 0.37 0.00

BIXINCNT_115KV_LOAD 355685	52.13 0.36 0.00	48.34 -0.18 0.00	48.55 -0.15 0.00	48.69 -0.15 0.00	49.75 0.04 0.00	50.63 0.14 0.00	114.69 -2.61 0.00	93.34 -1.72 0.00	89.58 -1.35 0.00	58.04 -0.40 0.00	52.18 0.35 0.00	50.07 1.05 0.00	54.44 1.66 0.00	54.67 1.55 0.00	51.38 0.12 0.00	59.09 -0.94 0.00	88.66 -2.25 6.84	150.05 -2.36 0.70	202.94 -1.37 0.00	94.48 -1.85 0.00	63.64 -0.79 0.00	60.56 -1.07 0.00	59.39 0.56 0.00	50.72 0.98 0.00
BLACK RIVER___HYD 24047	52.88 1.12 0.00	49.19 0.67 0.00	49.17 0.47 0.00	49.26 0.42 0.00	50.30 0.60 0.00	51.20 0.71 0.00	119.34 2.05 0.00	97.21 2.15 0.00	92.06 1.13 0.00	57.98 -0.46 0.00	51.20 -0.62 0.00	48.30 -0.72 0.00	51.82 -0.96 0.00	51.87 -1.25 0.00	50.48 -0.78 0.00	59.75 -0.28 0.00	99.61 1.86 0.00	157.53 4.42 0.00	210.17 5.86 0.00	99.11 2.78 0.00	66.24 1.81 0.00	63.02 1.40 0.00	60.16 1.32 0.00	50.76 1.02 0.00
BLACKRVR_115KV_TB2 79977	52.88 1.12 0.00	49.19 0.67 0.00	49.17 0.47 0.00	49.26 0.42 0.00	50.30 0.60 0.00	51.20 0.71 0.00	119.34 2.05 0.00	97.21 2.15 0.00	92.06 1.13 0.00	57.98 -0.46 0.00	51.20 -0.63 0.00	48.30 -0.72 0.00	51.83 -0.95 0.00	51.87 -1.25 0.00	50.48 -0.78 0.00	59.75 -0.28 0.00	99.61 1.86 0.00	157.54 4.43 0.00	210.17 5.86 0.00	99.15 2.82 0.00	66.24 1.81 0.00	63.02 1.40 0.00	60.16 1.32 0.00	50.76 1.02 0.00
BLDWN_LI_69_KV_BK4 356085	55.10 3.31 -0.02	58.73 2.99 -7.22	52.96 3.03 -1.23	51.76 2.91 -0.01	52.86 3.14 -0.02	52.93 2.43 -0.01	122.05 4.75 0.00	99.41 4.35 0.00	96.06 5.13 0.00	68.17 5.42 -4.31	58.82 5.19 -1.81	56.47 4.96 -2.50	57.88 4.90 -0.20	60.14 5.02 -1.99	56.53 4.47 -0.80	64.23 4.18 -0.01	104.36 6.04 -0.57	163.17 10.06 0.00	217.87 13.56 0.00	102.78 6.45 0.00	68.44 4.01 0.00	65.46 3.83 0.00	62.45 3.60 -0.01	52.92 3.17 -0.01
BLISS_WT_PWR 323608	52.18 0.41 0.00	47.37 -0.12 1.02	47.14 -0.07 1.49	46.53 -0.10 2.21	49.07 0.10 0.74	50.59 0.21 0.11	114.76 -2.41 0.13	87.25 -1.56 6.25	88.10 -1.18 1.65	58.12 -0.31 0.00	52.22 0.39 0.00	50.14 1.12 0.00	54.46 1.68 0.00	54.73 1.61 0.00	51.43 0.18 0.00	58.74 -0.85 0.44	83.75 -2.08 11.92	145.01 -2.10 6.00	200.09 -1.03 3.20	91.20 -1.64 3.49	58.61 -0.65 5.18	56.73 -0.98 3.92	54.30 0.66 5.19	48.09 1.05 2.70
BLUESTONE___WT_PWR 323821	54.46 2.70 0.00	51.36 2.49 -0.36	51.74 2.51 -0.52	52.03 2.42 -0.77	52.59 2.63 -0.26	53.84 3.32 -0.04	125.31 7.97 -0.05	104.05 6.81 -2.18	97.29 5.78 -0.58	61.73 3.29 0.00	54.38 2.55 0.00	51.38 2.36 0.00	55.12 2.34 0.00	55.36 2.24 0.00	53.23 1.97 0.00	63.03 2.85 -0.15	107.19 5.06 -4.38	163.00 7.79 -2.10	215.71 10.30 -1.10	102.48 4.95 -1.20	69.84 3.61 -1.80	66.22 3.25 -1.35	63.95 3.33 -1.79	53.26 2.59 -0.93
BLUE_CIRC_CHEM_DRP 24182	52.59 0.83 0.00	49.48 0.97 0.00	49.69 0.99 0.00	49.81 0.97 0.00	50.63 0.92 0.00	51.44 0.96 0.00	119.57 2.28 0.00	96.88 1.82 0.00	92.23 1.30 0.00	58.80 0.37 0.00	51.94 0.11 0.00	49.03 0.01 0.00	52.70 -0.08 0.00	53.09 -0.04 0.00	51.65 0.39 0.00	60.99 0.96 0.00	99.69 1.93 0.00	156.04 2.93 0.00	208.04 3.72 0.00	98.44 2.11 0.00	65.85 1.42 0.00	63.03 1.40 0.00	60.03 1.19 0.00	50.67 0.93 0.00
BOC_GAS_DRP 24189	52.30 0.54 0.00	49.18 0.66 0.00	49.38 0.68 0.00	49.52 0.68 0.00	50.34 0.63 0.00	51.09 0.60 0.00	118.82 1.52 0.00	96.32 1.26 0.00	92.10 1.17 0.00	59.09 0.65 0.00	52.33 0.50 0.00	49.44 0.42 0.00	53.15 0.37 0.00	53.54 0.41 0.00	51.88 0.63 0.00	60.89 0.86 0.00	99.18 1.42 0.00	155.12 2.01 0.00	206.76 2.44 0.00	97.75 1.42 0.00	65.36 0.92 0.00	62.59 0.96 0.00	59.58 0.75 0.00	50.32 0.58 0.00
BOONVILLE_115KV_TB1 79983	53.31 1.54 0.00	49.82 1.30 0.00	49.91 1.21 0.00	50.01 1.18 0.00	51.01 1.30 0.00	51.95 1.46 0.00	120.81 3.51 0.00	97.96 2.89 0.00	93.50 2.57 0.00	59.78 1.35 0.00	52.99 1.16 0.00	49.95 0.93 0.00	53.86 1.08 0.00	54.16 1.03 0.00	52.22 0.97 0.00	61.36 1.34 0.00	100.57 2.81 0.00	158.00 4.89 0.00	210.88 6.57 0.00	99.49 3.16 0.00	66.58 2.15 0.00	63.53 1.91 0.00	60.70 1.87 0.00	51.27 1.53 0.00
BORALEX_4TH_BRANCH 23824	53.70 1.93 0.00	50.47 1.95 0.00	50.69 1.99 0.00	50.72 1.88 0.00	51.54 1.84 0.00	52.66 2.17 0.00	122.37 5.07 0.00	99.42 4.36 0.00	94.45 3.52 0.00	59.76 1.32 0.00	52.26 0.43 0.00	49.14 0.12 0.00	52.86 0.08 0.00	53.37 0.25 0.00	52.52 1.26 0.00	62.43 2.40 0.00	102.02 4.26 0.00	159.73 6.62 0.00	212.59 8.27 0.00	99.49 3.16 0.00	66.71 2.28 0.00	63.87 2.24 0.00	60.73 1.90 0.00	51.15 1.40 0.00
BOWLINE___1 23526	53.50 1.73 0.00	50.05 1.54 0.00	50.33 1.62 0.00	50.44 1.61 0.00	51.32 1.62 0.00	52.17 1.69 0.00	121.84 4.54 0.00	98.78 3.72 0.00	94.75 3.82 0.00	61.61 3.18 0.00	54.97 3.14 0.00	52.04 3.02 0.00	55.87 3.09 0.00	56.26 3.13 0.00	54.03 2.77 0.00	62.80 2.77 0.00	102.01 4.25 0.00	159.65 6.54 0.00	212.62 8.31 0.00	100.22 3.89 0.00	66.81 2.38 0.00	63.96 2.33 0.00	60.83 2.00 0.00	51.40 1.66 0.00
BOWLINE___2 23595	53.48 1.72 0.00	50.04 1.52 0.00	50.31 1.61 0.00	50.43 1.59 0.00	51.32 1.62 0.00	52.17 1.68 0.00	121.81 4.52 0.00	98.75 3.68 0.00	94.73 3.80 0.00	61.61 3.17 0.00	54.97 3.14 0.00	52.01 2.99 0.00	55.86 3.08 0.00	56.23 3.10 0.00	54.02 2.76 0.00	62.78 2.75 0.00	101.98 4.23 0.00	159.62 6.50 0.00	212.60 8.29 0.00	100.16 3.83 0.00	66.79 2.37 0.00	63.94 2.32 0.00	60.79 1.96 0.00	51.39 1.65 0.00
BRADY___115KV_TB2 356060	54.54 2.77 0.00	50.08 1.56 0.00	49.72 1.02 0.00	49.51 0.68 0.00	50.84 1.14 0.00	52.16 1.68 0.00	120.48 3.19 0.00	97.10 2.04 0.00	93.06 2.13 0.00	60.34 1.90 0.00	53.83 2.01 0.00	51.19 2.17 0.00	55.56 2.79 0.00	56.14 3.01 0.00	53.62 2.36 0.00	61.81 1.79 0.00	99.33 1.58 0.00	155.04 1.92 0.00	206.69 2.37 0.00	99.15 2.82 0.00	66.82 2.38 0.00	63.97 2.35 0.00	61.98 3.15 0.00	52.81 3.06 0.00
BRANSCOMB___SOLAR 323811	54.26 2.49 0.00	50.93 2.41 0.00	51.19 2.48 0.00	51.27 2.44 0.00	52.14 2.44 0.00	53.26 2.77 0.00	123.99 6.69 0.00	100.51 5.45 0.00	95.40 4.47 0.00	60.42 1.98 0.00	53.17 1.35 0.00	50.14 1.11 0.00	54.06 1.28 0.00	54.39 1.27 0.00	53.19 1.93 0.00	63.04 3.01 0.00	103.31 5.55 0.00	162.00 8.89 0.00	215.96 11.65 0.00	101.29 4.97 0.00	67.78 3.35 0.00	64.75 3.12 0.00	61.66 2.83 0.00	51.97 2.23 0.00
BRDGHMPT_69_KV_BK1 55812	56.71 4.95 0.01	49.75 4.40 3.17	52.55 4.39 0.54	53.21 4.38 0.01	54.49 4.79 0.01	54.62 4.14 0.01	139.14 8.50 -13.35	114.27 7.37 -11.85	106.52 8.06 -7.52	67.99 7.88 -1.67	59.71 7.43 -0.45	55.70 6.74 0.06	59.16 6.47 0.09	58.84 6.38 0.67	56.98 5.87 0.15	74.27 5.80 -8.44	122.40 9.24 -15.40	187.64 15.74 -18.79	242.03 20.95 -16.77	123.75 9.88 -17.53	81.44 6.14 -10.87	77.76 5.82 -10.31	73.37 5.58 -8.94	54.67 4.89 -0.03

BRENTWOD_69_KV_W. BRTWOOD 56703	55.50 3.74 0.01	49.00 3.21 2.72	51.57 3.33 0.46	52.08 3.24 0.01	53.25 3.55 0.01	53.19 2.71 0.01	134.08 5.16 -11.62	110.12 4.74 -10.31	102.67 5.19 -6.55	65.99 5.93 -1.63	57.68 5.65 -0.20	54.36 5.30 -0.04	57.91 5.21 0.08	57.80 5.23 0.55	55.90 4.75 0.11	72.00 4.62 -7.35	117.79 6.63 -13.41	179.77 10.30 -16.36	232.48 13.57 -14.60	119.10 7.50 -15.26	78.47 4.57 -9.47	74.95 4.35 -8.97	70.71 4.09 -7.79	53.31 3.53 -0.03
BRISTLHL_115KV_TB1 79998	50.36 -1.40 0.00	47.16 -1.36 0.00	47.32 -1.38 0.00	47.47 -1.37 0.00	48.35 -1.35 0.00	49.12 -1.36 0.00	114.08 -3.22 0.00	92.54 -2.52 0.00	88.57 -2.36 0.00	56.76 -1.68 0.00	50.24 -1.58 0.00	47.49 -1.53 0.00	51.26 -1.52 0.00	51.59 -1.54 0.00	49.72 -1.54 0.00	58.25 -1.78 0.00	95.02 -2.73 0.00	149.18 -3.93 0.00	199.21 -5.10 0.00	93.77 -2.56 0.00	62.72 -1.71 0.00	59.90 -1.73 0.00	57.22 -1.61 0.00	48.36 -1.38 0.00
BROOKHAVEN___DRP 24191	55.43 3.68 0.01	48.58 3.24 3.18	51.45 3.28 0.54	51.99 3.16 0.01	53.18 3.48 0.01	53.13 2.64 0.01	135.74 4.89 -13.55	111.47 4.38 -12.03	103.77 5.20 -7.64	66.15 6.03 -1.69	58.10 5.83 -0.45	54.31 5.36 0.07	57.82 5.12 0.09	57.54 5.08 0.67	55.68 4.57 0.15	72.75 4.15 -8.57	119.66 6.26 -15.64	182.79 10.60 -19.08	235.24 13.90 -17.03	121.01 6.87 -17.81	79.68 4.20 -11.04	76.15 4.06 -10.47	71.83 3.91 -9.08	53.29 3.51 -0.03
BROOKLYN_NAVY_YARD 23515	53.62 1.85 0.00	50.19 1.67 0.00	50.51 1.81 0.00	50.58 1.74 0.00	51.47 1.77 0.00	52.28 1.80 0.00	122.11 4.81 0.00	99.18 4.12 0.00	95.38 4.45 0.00	62.18 3.74 0.00	55.63 3.80 0.00	53.63 3.66 -0.95	56.55 3.77 0.00	57.12 3.77 -0.22	55.67 3.40 -1.01	63.43 3.40 0.00	102.80 5.04 0.00	160.99 7.88 0.00	214.37 10.06 0.00	100.94 4.61 0.00	67.25 2.82 0.00	64.39 2.76 0.00	61.18 2.34 0.00	51.72 1.98 0.00
BROOKLYN___ARMY_DRP 323595	54.11 2.35 0.00	50.62 2.10 0.00	50.94 2.24 0.00	50.97 2.14 0.00	51.89 2.19 0.00	52.62 2.13 0.00	122.78 5.49 0.00	99.68 4.61 0.00	95.92 4.99 0.00	62.49 4.05 0.00	55.95 4.12 0.00	54.05 4.09 -0.94	56.79 4.02 0.00	57.46 4.11 -0.22	55.99 3.72 -1.01	63.62 3.59 0.00	103.06 5.31 0.00	161.29 8.18 0.00	214.82 10.50 0.00	101.16 4.83 0.00	67.41 2.98 0.00	64.59 2.96 0.00	61.46 2.62 0.00	52.02 2.28 0.00
BROOME_2_LFGE 323671	52.30 0.54 0.00	49.47 0.46 -0.50	49.93 0.50 -0.73	50.43 0.52 -1.08	50.60 0.54 -0.36	51.16 0.62 -0.05	118.55 1.19 -0.06	99.06 0.98 -3.02	92.53 0.80 -0.80	58.77 0.33 0.00	52.20 0.37 0.00	49.48 0.45 0.00	53.35 0.56 0.00	53.66 0.54 0.00	51.52 0.27 0.00	60.38 0.16 -0.20	101.27 0.26 -3.26	156.44 0.83 -2.50	206.95 1.19 -1.45	98.43 0.51 -1.59	67.46 0.58 -2.45	63.63 0.23 -1.77	61.59 0.40 -2.35	51.33 0.37 -1.22
BROOME___LFGE 323600	52.30 0.54 0.00	49.47 0.46 -0.50	49.93 0.50 -0.73	50.43 0.52 -1.08	50.60 0.54 -0.36	51.16 0.62 -0.05	118.55 1.19 -0.06	99.06 0.98 -3.02	92.53 0.80 -0.80	58.77 0.33 0.00	52.20 0.37 0.00	49.48 0.45 0.00	53.35 0.56 0.00	53.66 0.54 0.00	51.52 0.27 0.00	60.38 0.16 -0.20	101.27 0.26 -3.26	156.44 0.83 -2.50	206.95 1.19 -1.45	98.43 0.51 -1.59	67.46 0.58 -2.45	63.63 0.23 -1.77	61.59 0.40 -2.35	51.33 0.37 -1.22
BROWNFLS_115KV_TB 3_5 80003	53.33 1.57 0.00	49.32 0.81 0.00	49.11 0.40 0.00	49.03 0.20 0.00	50.14 0.44 0.00	51.10 0.61 0.00	118.35 1.06 0.00	95.80 0.74 0.00	91.59 0.65 0.00	58.74 0.30 0.00	52.39 0.56 0.00	49.59 0.57 0.00	53.63 0.84 0.00	53.98 0.85 0.00	51.89 0.63 0.00	60.22 0.19 0.00	97.55 -0.20 0.00	152.81 -0.30 0.00	203.85 -0.46 0.00	97.03 0.70 0.00	65.33 0.90 0.00	62.66 1.04 0.00	60.43 1.60 0.00	51.36 1.62 0.00
BROWNSV1_27_KV_LOAD 356125	54.25 2.48 0.00	50.75 2.23 0.00	51.05 2.35 0.00	51.11 2.27 0.00	52.02 2.32 0.00	52.88 2.39 0.00	123.51 6.21 0.00	100.33 5.27 0.00	96.47 5.54 0.00	62.89 4.45 0.00	56.27 4.44 0.00	54.21 4.25 -0.95	57.15 4.38 0.00	57.75 4.40 -0.22	56.26 3.99 -1.01	64.11 4.08 0.00	103.93 6.18 0.00	162.72 9.61 0.00	216.72 12.41 0.00	102.05 5.72 0.00	67.99 3.56 0.00	65.10 3.47 0.00	61.87 3.03 0.00	52.29 2.55 0.00
BURROWS___LYONSDAL 23803	53.28 1.52 0.00	49.74 1.23 0.00	49.80 1.09 0.00	49.87 1.04 0.00	50.90 1.19 0.00	51.82 1.34 0.00	120.48 3.19 0.00	97.75 2.69 0.00	93.28 2.35 0.00	59.56 1.12 0.00	52.80 0.97 0.00	49.78 0.76 0.00	53.67 0.89 0.00	53.94 0.81 0.00	52.05 0.79 0.00	61.13 1.10 0.00	100.27 2.52 0.00	157.62 4.50 0.00	210.33 6.02 0.00	99.28 2.95 0.00	66.47 2.04 0.00	63.42 1.80 0.00	60.62 1.78 0.00	51.22 1.47 0.00
CAITHNESS_CC_1 323624	55.23 3.48 0.01	48.42 3.09 3.19	51.27 3.11 0.54	51.82 2.99 0.01	52.99 3.29 0.01	52.92 2.44 0.01	135.40 4.37 -13.73	111.21 3.95 -12.19	103.45 4.78 -7.74	65.92 5.78 -1.70	57.97 5.70 -0.45	54.18 5.23 0.07	57.70 5.00 0.09	57.42 4.97 0.67	55.52 4.42 0.15	72.63 3.92 -8.69	119.45 5.84 -15.85	182.30 9.85 -19.33	234.45 12.88 -17.26	120.77 6.40 -18.04	79.52 3.90 -11.19	76.00 3.77 -10.60	71.66 3.61 -9.20	53.08 3.30 -0.03
CALPINE BETH_PAGE_GT4 24209	54.86 3.10 0.00	51.31 2.79 0.00	51.54 2.83 0.00	51.53 2.70 0.00	52.62 2.92 0.00	52.52 2.04 0.00	121.42 4.12 0.00	98.89 3.83 0.00	95.48 4.54 0.00	64.96 5.04 -1.49	57.30 4.89 -0.58	54.51 4.81 -0.68	57.48 4.70 0.00	58.08 4.81 -0.14	55.67 4.28 -0.13	63.85 3.81 0.00	103.38 5.62 0.00	162.39 9.28 0.00	216.46 12.15 0.00	102.26 5.93 0.00	68.01 3.58 0.00	65.09 3.47 0.00	62.20 3.36 0.00	52.70 2.96 0.00
CALPINE_BETH_PAGE_GT_4 323586	54.86 3.09 0.00	51.32 2.80 0.00	51.54 2.83 0.00	51.53 2.69 0.00	52.60 2.90 0.00	52.52 2.03 0.00	121.42 4.12 0.00	98.89 3.82 0.00	95.47 4.54 0.00	64.97 5.05 -1.49	57.37 4.96 -0.58	54.56 4.87 -0.68	57.53 4.75 0.00	58.11 4.85 -0.14	55.67 4.28 -0.13	63.84 3.81 0.00	103.40 5.64 0.00	162.39 9.28 0.00	216.45 12.14 0.00	102.25 5.92 0.00	68.01 3.58 0.00	65.08 3.46 0.00	62.18 3.35 0.00	52.70 2.96 0.00
CALPINE_BP_GT1 23823	54.86 3.09 0.00	51.32 2.80 0.00	51.54 2.83 0.00	51.53 2.69 0.00	52.60 2.90 0.00	52.52 2.03 0.00	121.42 4.12 0.00	98.89 3.82 0.00	95.47 4.54 0.00	64.97 5.05 -1.49	57.37 4.96 -0.58	54.56 4.87 -0.68	57.53 4.75 0.00	58.11 4.85 -0.14	55.67 4.28 -0.13	63.84 3.81 0.00	103.40 5.64 0.00	162.39 9.28 0.00	216.45 12.14 0.00	102.25 5.92 0.00	68.01 3.58 0.00	65.08 3.46 0.00	62.18 3.35 0.00	52.70 2.96 0.00
CALSPAN___DRP 24200	51.30 -0.46 0.00	47.55 -0.97 0.00	47.69 -1.01 0.00	47.80 -1.04 0.00	48.89 -0.81 0.00	49.62 -0.87 0.00	112.13 -5.17 0.00	91.20 -3.86 0.00	87.74 -3.19 0.00	56.71 -1.73 0.00	50.96 -0.87 0.00	48.92 -0.10 0.00	53.23 0.45 0.00	53.42 0.29 0.00	50.30 -0.95 0.00	58.00 -2.03 0.00	87.64 -4.09 6.03	147.36 -5.14 0.62	199.35 -4.97 0.00	92.65 -3.68 0.00	62.34 -2.09 0.00	59.35 -2.27 0.00	58.32 -0.52 0.00	49.89 0.14 0.00

CALVERTON___SOLAR 323806	55.64 3.88 0.01	48.78 3.44 3.18	51.63 3.46 0.54	52.19 3.36 0.01	53.37 3.68 0.01	53.35 2.87 0.01	136.21 5.43 -13.48	111.87 4.85 -11.97	104.18 5.66 -7.60	66.46 6.34 -1.68	58.44 6.16 -0.45	54.57 5.61 0.06	58.08 5.38 0.09	57.73 5.27 0.67	55.85 4.75 0.15	72.94 4.38 -8.53	120.07 6.75 -15.55	183.56 11.47 -18.98	236.38 15.13 -16.94	121.42 7.38 -17.71	79.94 4.53 -10.98	76.40 4.37 -10.41	72.04 4.17 -9.03	53.52 3.74 -0.03
CANDIGU_WT_PWR 323617	51.07 -0.70 0.00	48.15 -1.07 -0.71	48.72 -1.02 -1.04	49.29 -1.08 -1.54	49.24 -0.98 -0.51	50.04 -0.52 -0.07	113.32 -4.07 -0.09	96.00 -3.38 -4.32	88.36 -3.71 -1.14	56.42 -2.02 0.00	50.74 -1.09 0.00	48.54 -0.48 0.00	52.72 -0.06 0.00	52.92 -0.21 0.00	49.76 -1.50 0.00	57.87 -2.54 -0.38	87.24 -4.20 6.31	151.51 -5.12 -3.52	200.80 -6.29 -2.78	95.84 -3.47 -2.98	66.29 -2.04 -3.90	62.86 -2.18 -3.41	62.44 -0.92 -4.52	51.63 -0.47 -2.35
CARR STREET_E_SYR 24060	50.94 -0.83 0.00	47.70 -0.82 0.00	47.88 -0.82 0.00	48.02 -0.82 0.00	48.93 -0.77 0.00	49.73 -0.76 0.00	115.41 -1.89 0.00	93.64 -1.42 0.00	89.56 -1.37 0.00	57.46 -0.97 0.00	50.95 -0.88 0.00	48.22 -0.80 0.00	51.98 -0.80 0.00	52.26 -0.87 0.00	50.35 -0.91 0.00	58.98 -1.05 0.00	96.13 -1.62 0.00	150.87 -2.24 0.00	201.46 -2.86 0.00	94.81 -1.52 0.00	63.42 -1.01 0.00	60.56 -1.07 0.00	57.88 -0.95 0.00	48.93 -0.82 0.00
CARTHAGE___PAPER 23857	53.46 1.69 0.00	49.69 1.17 0.00	49.64 0.93 0.00	49.69 0.86 0.00	50.76 1.05 0.00	51.69 1.20 0.00	120.30 3.00 0.00	97.95 2.89 0.00	93.57 2.64 0.00	59.37 0.94 0.00	52.66 0.83 0.00	49.66 0.64 0.00	53.55 0.77 0.00	53.81 0.68 0.00	52.03 0.77 0.00	60.94 0.91 0.00	100.12 2.36 0.00	158.03 4.92 0.00	210.84 6.53 0.00	99.57 3.24 0.00	66.71 2.28 0.00	63.58 1.95 0.00	60.82 1.98 0.00	51.38 1.64 0.00
CASSADAGA_WT_PWR 323784	52.37 0.61 0.00	47.51 -0.01 0.99	47.25 0.00 1.45	46.65 -0.04 2.15	49.08 0.09 0.72	50.81 0.43 0.10	115.81 -1.36 0.13	87.68 -1.10 6.28	88.65 -0.62 1.66	58.82 0.39 0.00	52.72 0.89 0.00	50.61 1.59 0.00	55.00 2.22 0.00	55.21 2.08 0.00	51.04 -0.22 0.00	58.12 -1.47 0.44	83.14 -2.76 11.85	144.84 -2.24 6.03	199.11 -1.98 3.22	91.12 -1.70 3.51	58.47 -0.76 5.21	56.45 -1.23 3.94	54.47 0.86 5.23	48.43 1.35 2.67
CE_DUNWOOD___DRP 24194	53.67 1.90 0.00	50.23 1.71 0.00	50.52 1.82 0.00	50.62 1.78 0.00	51.53 1.83 0.00	52.35 1.86 0.00	122.13 4.83 0.00	99.10 4.04 0.00	95.15 4.22 0.00	61.92 3.48 0.00	55.28 3.45 0.00	52.32 3.30 0.00	56.15 3.37 0.00	56.53 3.40 0.00	54.34 3.08 0.00	63.15 3.12 0.00	102.51 4.76 0.00	160.50 7.39 0.00	213.82 9.50 0.00	100.72 4.39 0.00	67.15 2.72 0.00	64.27 2.64 0.00	61.12 2.29 0.00	51.65 1.90 0.00
CE_MILLWOOD___DRP 24193	53.60 1.83 0.00	50.17 1.65 0.00	50.45 1.75 0.00	50.55 1.71 0.00	51.45 1.75 0.00	52.28 1.79 0.00	121.98 4.69 0.00	98.97 3.91 0.00	95.00 4.07 0.00	61.79 3.36 0.00	55.15 3.32 0.00	52.19 3.17 0.00	56.01 3.23 0.00	56.39 3.26 0.00	54.22 2.96 0.00	63.01 2.98 0.00	102.31 4.56 0.00	160.19 7.08 0.00	213.40 9.09 0.00	100.53 4.20 0.00	67.03 2.59 0.00	64.15 2.53 0.00	61.01 2.18 0.00	51.57 1.83 0.00
CE_NYC2_DRP 24202	53.84 2.07 0.00	50.42 1.91 0.00	50.83 2.13 0.00	50.88 2.04 0.00	51.80 2.09 0.00	52.50 2.02 0.00	122.43 5.13 0.00	99.41 4.35 0.00	95.65 4.72 0.00	62.35 3.92 0.00	55.87 4.04 0.00	53.89 3.93 -0.94	56.75 3.97 0.00	57.35 4.01 -0.22	55.90 3.64 -1.00	63.58 3.55 0.00	102.93 5.18 0.00	161.11 8.00 0.00	214.59 10.27 0.00	101.00 4.67 0.00	67.31 2.88 0.00	64.47 2.85 0.00	61.31 2.47 0.00	51.88 2.14 0.00
CE_NYC_DRP 24195	53.85 2.08 0.00	50.40 1.88 0.00	50.70 2.00 0.00	50.75 1.91 0.00	51.67 1.97 0.00	52.49 2.00 0.00	122.64 5.34 0.00	99.55 4.49 0.00	95.69 4.77 0.00	62.40 3.96 0.00	55.82 3.99 0.00	53.28 3.82 -0.44	56.73 3.95 0.00	57.19 3.96 -0.10	55.32 3.59 -0.47	63.63 3.60 0.00	103.16 5.40 0.00	161.48 8.37 0.00	214.97 10.66 0.00	101.20 4.87 0.00	67.43 3.00 0.00	64.55 2.92 0.00	61.35 2.51 0.00	51.86 2.12 0.00
CHAFFEE___LFGE 323603	51.46 -0.31 0.00	46.74 -0.85 0.92	46.49 -0.86 1.35	45.94 -0.89 2.00	48.35 -0.68 0.67	49.71 -0.68 0.10	112.54 -4.65 0.12	86.05 -3.37 5.64	86.70 -2.74 1.49	57.00 -1.44 0.00	51.14 -0.69 0.00	49.10 0.08 0.00	53.40 0.63 0.00	53.61 0.48 0.00	50.49 -0.76 0.00	57.84 -1.80 0.40	83.17 -3.58 11.00	143.43 -4.25 5.43	197.73 -3.71 2.87	90.14 -3.06 3.14	58.08 -1.68 4.66	56.15 -1.95 3.52	53.93 -0.23 4.67	47.66 0.33 2.42
CHATEAUG_35_KV_LOAD 355732	53.88 2.11 0.00	49.45 0.94 0.00	48.98 0.28 0.00	48.72 -0.12 0.00	50.05 0.34 0.00	51.30 0.81 0.00	118.20 0.91 0.00	95.42 0.36 0.00	91.61 0.68 0.00	59.53 1.09 0.00	53.11 1.28 0.00	50.42 1.40 0.00	54.71 1.93 0.00	55.19 2.06 0.00	52.67 1.41 0.00	60.75 0.72 0.00	97.77 0.02 0.00	153.19 0.08 0.00	204.72 0.41 0.00	98.16 1.83 0.00	66.11 1.69 0.00	63.36 1.74 0.00	61.30 2.47 0.00	52.13 2.39 0.00
CHATEAUG_WT_PWR 323614	53.55 1.78 0.00	49.19 0.67 0.00	48.73 0.03 0.00	48.50 -0.34 0.00	49.77 0.07 0.00	50.98 0.49 0.00	117.40 0.10 0.00	94.72 -0.35 0.00	90.96 0.03 0.00	59.17 0.73 0.00	52.82 0.99 0.00	50.24 1.22 0.00	54.51 1.73 0.00	55.01 1.89 0.00	52.49 1.24 0.00	60.56 0.53 0.00	97.33 -0.42 0.00	152.21 -0.91 0.00	203.17 -1.14 0.00	97.22 0.89 0.00	65.57 1.14 0.00	62.87 1.24 0.00	60.83 1.99 0.00	51.74 2.00 0.00
CHAT_HIGH_FALL_HYD 323578	53.88 2.11 0.00	49.45 0.94 0.00	48.98 0.28 0.00	48.72 -0.12 0.00	50.05 0.34 0.00	51.30 0.81 0.00	118.20 0.91 0.00	95.42 0.36 0.00	91.61 0.68 0.00	59.53 1.09 0.00	53.11 1.28 0.00	50.42 1.40 0.00	54.71 1.93 0.00	55.19 2.06 0.00	52.67 1.41 0.00	60.75 0.72 0.00	97.77 0.02 0.00	153.19 0.08 0.00	204.72 0.41 0.00	98.16 1.83 0.00	66.11 1.69 0.00	63.36 1.74 0.00	61.30 2.47 0.00	52.13 2.39 0.00
CHAUTAUQUA___LFGE 323629	51.66 -0.10 0.00	46.88 -0.67 0.96	46.63 -0.66 1.41	46.02 -0.73 2.09	48.42 -0.59 0.70	50.10 -0.29 0.10	114.09 -3.08 0.13	86.19 -2.71 6.17	87.13 -2.17 1.63	57.87 -0.57 0.00	51.90 0.07 0.00	49.84 0.82 0.00	54.19 1.41 0.00	54.37 1.24 0.00	50.59 -0.67 0.00	57.57 -2.03 0.43	82.55 -3.74 11.47	143.42 -3.79 5.90	196.83 -4.32 3.16	90.12 -2.76 3.45	57.86 -1.46 5.11	55.85 -1.90 3.87	53.63 -0.08 5.14	47.75 0.62 2.61
CHERRYST_13_KV_LD 356241	53.98 2.22 0.00	50.52 2.01 0.00	50.83 2.13 0.00	50.88 2.04 0.00	51.82 2.12 0.00	52.63 2.15 0.00	123.02 5.72 0.00	99.84 4.78 0.00	96.00 5.07 0.00	62.60 4.16 0.00	56.02 4.19 0.00	53.47 4.00 -0.44	56.91 4.13 0.00	57.38 4.15 -0.10	55.50 3.77 -0.47	63.85 3.82 0.00	103.49 5.73 0.00	161.96 8.85 0.00	215.68 11.36 0.00	101.49 5.16 0.00	67.62 3.19 0.00	64.71 3.08 0.00	61.51 2.67 0.00	51.99 2.25 0.00

CHESTROR_138KV_BK263 355645	53.45 1.68 0.00	50.04 1.52 0.00	50.30 1.60 0.00	50.43 1.59 0.00	51.32 1.61 0.00	52.14 1.65 0.00	121.70 4.41 0.00	98.66 3.60 0.00	94.58 3.65 0.00	61.36 2.92 0.00	54.65 2.82 0.00	51.68 2.66 0.00	55.49 2.71 0.00	55.84 2.72 0.00	53.69 2.43 0.00	62.57 2.55 0.00	101.79 4.04 0.00	159.40 6.28 0.00	212.38 8.07 0.00	100.07 3.74 0.00	66.77 2.34 0.00	63.91 2.28 0.00	60.80 1.96 0.00	51.36 1.61 0.00
CH_MIDHUDSON___DRP 24192	53.65 1.88 0.00	50.26 1.74 0.00	50.52 1.82 0.00	50.64 1.80 0.00	51.52 1.82 0.00	52.35 1.86 0.00	122.11 4.82 0.00	99.11 4.06 0.00	95.05 4.12 0.00	61.62 3.19 0.00	54.88 3.05 0.00	51.87 2.85 0.00	55.67 2.89 0.00	56.06 2.94 0.00	54.00 2.75 0.00	62.95 2.92 0.00	102.32 4.56 0.00	160.28 7.17 0.00	213.60 9.29 0.00	100.65 4.32 0.00	67.13 2.70 0.00	64.26 2.64 0.00	61.11 2.28 0.00	51.60 1.86 0.00
CH_MISC_IPPS 23765	54.02 2.25 0.00	50.58 2.06 0.00	50.83 2.12 0.00	50.96 2.12 0.00	51.86 2.16 0.00	52.71 2.22 0.00	123.04 5.74 0.00	99.85 4.79 0.00	95.74 4.81 0.00	62.05 3.61 0.00	55.28 3.45 0.00	52.23 3.21 0.00	56.04 3.26 0.00	56.42 3.29 0.00	54.34 3.09 0.00	63.38 3.34 0.00	103.07 5.31 0.00	161.50 8.39 0.00	215.24 10.93 0.00	101.42 5.08 0.00	67.63 3.20 0.00	64.72 3.10 0.00	61.54 2.70 0.00	51.96 2.22 0.00
CH_RES_BVR_FALLS 23983	52.48 0.71 0.00	48.68 0.16 0.00	48.56 -0.14 0.00	48.59 -0.25 0.00	49.66 -0.04 0.00	50.69 0.20 0.00	117.26 -0.03 0.00	94.71 -0.35 0.00	90.84 -0.09 0.00	58.69 0.25 0.00	52.22 0.39 0.00	49.52 0.50 0.00	53.55 0.77 0.00	53.98 0.85 0.00	51.80 0.55 0.00	60.27 0.24 0.00	97.47 -0.29 0.00	152.50 -0.62 0.00	203.45 -0.86 0.00	96.68 0.35 0.00	64.93 0.50 0.00	62.14 0.51 0.00	59.73 0.89 0.00	50.66 0.91 0.00
CH_RES_NIAGARA 23895	49.86 -1.90 0.00	46.30 -2.22 0.00	46.45 -2.26 0.00	46.64 -2.20 0.00	47.57 -2.13 0.00	48.06 -2.43 0.00	108.34 -8.96 0.00	88.28 -6.79 0.00	85.01 -5.92 0.00	54.83 -3.61 0.00	49.32 -2.51 0.00	47.38 -1.64 0.00	51.60 -1.18 0.00	51.80 -1.32 0.00	48.89 -2.37 0.00	56.31 -3.72 0.00	85.23 -7.43 5.10	141.85 -10.74 0.52	192.50 -11.81 0.00	88.94 -7.39 0.00	60.21 -4.22 0.00	57.18 -4.44 0.00	56.80 -2.03 0.00	48.54 -1.20 0.00
CH_RES_SYRACUSE 23985	51.41 -0.36 0.00	48.12 -0.40 0.00	48.31 -0.39 0.00	48.45 -0.39 0.00	49.30 -0.40 0.00	50.12 -0.37 0.00	116.36 -0.93 0.00	94.35 -0.71 0.00	90.18 -0.75 0.00	57.85 -0.59 0.00	51.24 -0.59 0.00	48.51 -0.51 0.00	52.30 -0.48 0.00	52.60 -0.52 0.00	50.68 -0.57 0.00	59.38 -0.66 0.00	96.82 -0.94 0.00	151.98 -1.14 0.00	203.02 -1.30 0.00	95.57 -0.76 0.00	63.92 -0.51 0.00	61.03 -0.60 0.00	58.32 -0.51 0.00	49.31 -0.43 0.00
CLINTON_WT_PWR 323605	53.55 1.78 0.00	49.19 0.67 0.00	48.73 0.03 0.00	48.50 -0.34 0.00	49.77 0.07 0.00	50.98 0.49 0.00	117.40 0.10 0.00	94.72 -0.35 0.00	90.96 0.03 0.00	59.17 0.73 0.00	52.82 0.99 0.00	50.24 1.22 0.00	54.51 1.73 0.00	55.01 1.89 0.00	52.49 1.24 0.00	60.56 0.53 0.00	97.33 -0.42 0.00	152.21 -0.91 0.00	203.17 -1.14 0.00	97.22 0.89 0.00	65.57 1.14 0.00	62.87 1.24 0.00	60.83 1.99 0.00	51.74 2.00 0.00
CLINTON___LFGE 323618	54.35 2.58 0.00	49.87 1.35 0.00	49.35 0.65 0.00	49.06 0.22 0.00	50.35 0.64 0.00	51.59 1.11 0.00	118.68 1.38 0.00	95.83 0.77 0.00	91.93 1.00 0.00	59.66 1.22 0.00	53.21 1.38 0.00	50.61 1.59 0.00	54.91 2.12 0.00	55.39 2.26 0.00	52.84 1.59 0.00	60.96 0.93 0.00	98.30 0.54 0.00	154.18 1.07 0.00	206.00 1.68 0.00	98.47 2.14 0.00	66.42 1.99 0.00	63.74 2.11 0.00	61.68 2.84 0.00	52.42 2.68 0.00
COBBLENY_34_KV_TB1 80064	51.46 -0.31 0.00	47.69 -0.83 0.00	47.83 -0.87 0.00	47.96 -0.87 0.00	49.03 -0.67 0.00	49.80 -0.69 0.00	112.65 -4.65 0.00	91.69 -3.37 0.00	88.19 -2.74 0.00	56.99 -1.44 0.00	51.19 -0.64 0.00	49.13 0.11 0.00	53.45 0.67 0.00	53.61 0.49 0.00	50.50 -0.76 0.00	58.24 -1.80 0.00	87.71 -3.61 6.44	148.20 -4.26 0.66	200.40 -3.91 0.00	93.18 -3.15 0.00	62.71 -1.72 0.00	59.66 -1.96 0.00	58.57 -0.27 0.00	50.07 0.33 0.00
COFFEEN___115KV_TB3 355620	52.88 1.12 0.00	49.19 0.68 0.00	49.19 0.49 0.00	49.27 0.43 0.00	50.32 0.62 0.00	51.24 0.75 0.00	119.48 2.18 0.00	97.36 2.30 0.00	92.19 1.26 0.00	57.98 -0.45 0.00	51.16 -0.67 0.00	48.26 -0.76 0.00	51.81 -0.97 0.00	51.84 -1.29 0.00	50.52 -0.74 0.00	59.80 -0.23 0.00	99.78 2.03 0.00	157.97 4.86 0.00	210.75 6.44 0.00	99.37 3.04 0.00	66.38 1.95 0.00	63.13 1.51 0.00	60.24 1.40 0.00	50.80 1.06 0.00
COLDSPRG_115KV_BK1 355956	52.72 0.96 0.00	48.84 0.33 0.00	49.05 0.34 0.00	49.22 0.38 0.00	50.22 0.52 0.00	51.33 0.84 0.00	116.73 -0.57 0.00	94.85 -0.21 0.00	90.95 0.02 0.00	59.15 0.72 0.00	53.14 1.31 0.00	50.99 1.97 0.00	55.46 2.68 0.00	55.71 2.58 0.00	51.59 0.34 0.00	59.13 -0.90 0.00	88.53 -2.01 7.21	151.06 -1.31 0.74	203.83 -0.48 0.00	95.19 -1.14 0.00	64.11 -0.33 0.00	60.84 -0.78 0.00	60.15 1.32 0.00	51.40 1.66 0.00
COLONIE_LFGE___ 323577	53.14 1.38 0.00	49.95 1.43 0.00	50.16 1.46 0.00	50.26 1.42 0.00	51.08 1.38 0.00	52.07 1.58 0.00	121.07 3.77 0.00	98.23 3.17 0.00	93.54 2.61 0.00	59.52 1.08 0.00	52.39 0.56 0.00	49.40 0.38 0.00	53.20 0.43 0.00	53.65 0.53 0.00	52.31 1.05 0.00	61.81 1.78 0.00	101.00 3.25 0.00	158.10 4.99 0.00	210.70 6.39 0.00	99.04 2.71 0.00	66.26 1.83 0.00	63.43 1.80 0.00	60.35 1.51 0.00	50.91 1.17 0.00
COOPERNY_115KV_TB1 80082	53.10 1.33 0.00	49.76 1.24 0.00	50.00 1.30 0.00	50.15 1.31 0.00	51.02 1.31 0.00	51.81 1.33 0.00	120.75 3.45 0.00	97.87 2.81 0.00	93.79 2.86 0.00	60.68 2.25 0.00	53.98 2.15 0.00	51.05 2.03 0.00	54.85 2.07 0.00	55.17 2.05 0.00	53.08 1.82 0.00	61.96 1.93 0.00	100.77 3.01 0.00	157.81 4.69 0.00	210.36 6.05 0.00	99.16 2.83 0.00	66.23 1.80 0.00	63.39 1.77 0.00	60.38 1.54 0.00	51.02 1.28 0.00
COPENHAGEN_WT_PWR 323753	52.62 0.86 0.00	48.98 0.46 0.00	48.97 0.27 0.00	49.07 0.23 0.00	50.10 0.40 0.00	50.97 0.48 0.00	118.65 1.35 0.00	96.64 1.58 0.00	91.68 0.75 0.00	57.83 -0.60 0.00	51.10 -0.73 0.00	48.17 -0.85 0.00	51.69 -1.09 0.00	51.74 -1.39 0.00	50.31 -0.95 0.00	59.53 -0.50 0.00	99.14 1.38 0.00	156.72 3.61 0.00	209.02 4.71 0.00	98.57 2.24 0.00	65.81 1.38 0.00	62.57 0.95 0.00	59.74 0.90 0.00	50.46 0.72 0.00
CORNELL_____ 23752	52.86 1.10 0.00	49.49 0.97 0.00	49.68 0.98 0.00	49.84 1.00 0.00	50.76 1.06 0.00	51.71 1.22 0.00	119.94 2.65 0.00	97.39 2.33 0.00	92.69 1.76 0.00	59.29 0.85 0.00	52.41 0.58 0.00	49.44 0.42 0.00	53.26 0.48 0.00	53.60 0.47 0.00	51.69 0.43 0.00	60.77 0.74 0.00	111.90 1.85 -12.30	157.96 3.59 -1.26	209.42 5.11 0.00	98.62 2.29 0.00	65.89 1.46 0.00	62.95 1.32 0.00	60.21 1.37 0.00	50.91 1.16 0.00

CORONA__69_KV_TB1 355595	55.00 3.17 -0.07	76.22 2.86 -24.85	55.84 2.92 -4.21	51.68 2.80 -0.05	52.79 3.01 -0.07	52.93 2.41 -0.03	122.34 5.04 0.00	99.60 4.54 0.00	96.11 5.18 0.00	74.83 5.19 -11.20	61.61 4.99 -4.80	60.72 4.76 -6.94	58.20 4.74 -0.68	64.49 4.85 -6.51	57.97 4.28 -2.43	64.12 4.05 -0.05	105.77 6.05 -1.96	162.95 9.83 0.00	217.18 12.86 0.00	102.48 6.15 0.00	68.25 3.82 0.00	65.27 3.65 0.00	62.28 3.43 -0.02	52.81 3.05 -0.02
CORTLAND__115KV_TB3 80093	52.40 0.63 0.00	49.09 0.57 0.00	49.27 0.57 0.00	49.44 0.60 0.00	50.36 0.66 0.00	51.23 0.75 0.00	118.99 1.70 0.00	96.57 1.51 0.00	92.16 1.23 0.00	59.05 0.62 0.00	52.29 0.46 0.00	49.39 0.37 0.00	53.22 0.44 0.00	53.51 0.38 0.00	51.54 0.28 0.00	60.51 0.48 0.00	102.49 1.13 -3.60	155.72 2.24 -0.37	207.45 3.14 0.00	97.69 1.37 0.00	65.34 0.91 0.00	62.38 0.76 0.00	59.60 0.76 0.00	50.35 0.61 0.00
COXSACKIE__GT 23611	55.33 3.56 0.00	52.02 3.50 0.00	52.21 3.51 0.00	52.34 3.50 0.00	53.25 3.55 0.00	54.36 3.87 0.00	127.14 9.84 0.00	103.69 8.64 0.00	97.71 6.78 0.00	60.69 2.25 0.00	53.03 1.20 0.00	49.90 0.88 0.00	53.39 0.62 0.00	53.92 0.79 0.00	52.68 1.42 0.00	63.24 3.21 0.00	105.49 7.74 0.00	165.91 12.79 0.00	222.13 17.82 0.00	105.04 8.71 0.00	70.20 5.76 0.00	66.94 5.32 0.00	63.57 4.73 0.00	53.44 3.70 0.00
CPV_VALLEY__CC1 323721	53.26 1.49 0.00	49.88 1.37 0.00	50.14 1.44 0.00	50.27 1.44 0.00	51.14 1.44 0.00	51.96 1.47 0.00	121.20 3.91 0.00	98.25 3.19 0.00	94.21 3.28 0.00	61.09 2.66 0.00	54.41 2.58 0.00	51.46 2.44 0.00	55.28 2.50 0.00	55.60 2.47 0.00	53.47 2.21 0.00	62.33 2.31 0.00	101.33 3.58 0.00	158.65 5.54 0.00	211.39 7.07 0.00	99.66 3.33 0.00	66.50 2.08 0.00	63.63 2.01 0.00	60.56 1.73 0.00	51.19 1.44 0.00
CPV_VALLEY__CC2 323722	53.26 1.49 0.00	49.88 1.37 0.00	50.14 1.44 0.00	50.27 1.44 0.00	51.14 1.44 0.00	51.96 1.47 0.00	121.20 3.91 0.00	98.25 3.19 0.00	94.21 3.28 0.00	61.09 2.66 0.00	54.41 2.58 0.00	51.46 2.44 0.00	55.28 2.50 0.00	55.60 2.47 0.00	53.47 2.21 0.00	62.33 2.31 0.00	101.33 3.58 0.00	158.65 5.54 0.00	211.39 7.07 0.00	99.66 3.33 0.00	66.50 2.08 0.00	63.63 2.01 0.00	60.56 1.73 0.00	51.19 1.44 0.00
CRESCENT__HYD 24018	53.14 1.38 0.00	49.95 1.43 0.00	50.16 1.46 0.00	50.26 1.42 0.00	51.08 1.38 0.00	52.07 1.58 0.00	121.07 3.77 0.00	98.23 3.17 0.00	93.54 2.61 0.00	59.52 1.08 0.00	52.39 0.56 0.00	49.40 0.38 0.00	53.20 0.43 0.00	53.65 0.53 0.00	52.31 1.05 0.00	61.81 1.78 0.00	101.00 3.25 0.00	158.10 4.99 0.00	210.70 6.39 0.00	99.04 2.71 0.00	66.26 1.83 0.00	63.43 1.80 0.00	60.35 1.51 0.00	50.91 1.17 0.00
CRICKET__VALLEY_CC1 323756	52.87 1.11 0.00	49.55 1.04 0.00	49.82 1.12 0.00	49.94 1.10 0.00	50.80 1.10 0.00	51.59 1.10 0.00	120.30 3.01 0.00	97.61 2.55 0.00	93.68 2.75 0.00	60.78 2.34 0.00	54.18 2.35 0.00	51.24 2.22 0.00	55.01 2.23 0.00	55.37 2.24 0.00	53.31 2.06 0.00	62.05 2.02 0.00	100.81 3.05 0.00	157.75 4.64 0.00	210.15 5.84 0.00	99.08 2.75 0.00	66.07 1.64 0.00	63.30 1.68 0.00	60.19 1.35 0.00	50.86 1.11 0.00
CRICKET__VALLEY_CC2 323757	52.87 1.11 0.00	49.55 1.04 0.00	49.82 1.12 0.00	49.94 1.10 0.00	50.80 1.10 0.00	51.59 1.10 0.00	120.30 3.01 0.00	97.61 2.55 0.00	93.68 2.75 0.00	60.78 2.34 0.00	54.18 2.35 0.00	51.24 2.22 0.00	55.01 2.23 0.00	55.37 2.24 0.00	53.31 2.06 0.00	62.05 2.02 0.00	100.81 3.05 0.00	157.75 4.64 0.00	210.15 5.84 0.00	99.08 2.75 0.00	66.07 1.64 0.00	63.30 1.68 0.00	60.19 1.35 0.00	50.86 1.11 0.00
CRICKET__VALLEY_CC3 323758	52.87 1.11 0.00	49.55 1.04 0.00	49.82 1.12 0.00	49.94 1.10 0.00	50.80 1.10 0.00	51.59 1.10 0.00	120.30 3.01 0.00	97.61 2.55 0.00	93.68 2.75 0.00	60.78 2.34 0.00	54.18 2.35 0.00	51.24 2.22 0.00	55.01 2.23 0.00	55.37 2.24 0.00	53.31 2.06 0.00	62.05 2.02 0.00	100.81 3.05 0.00	157.75 4.64 0.00	210.15 5.84 0.00	99.08 2.75 0.00	66.07 1.64 0.00	63.30 1.68 0.00	60.19 1.35 0.00	50.86 1.11 0.00
CRUCIBLE__METL_DRP 24180	51.40 -0.36 0.00	48.12 -0.39 0.00	48.32 -0.39 0.00	48.45 -0.38 0.00	49.30 -0.41 0.00	50.12 -0.37 0.00	116.37 -0.93 0.00	94.35 -0.71 0.00	90.18 -0.75 0.00	57.85 -0.59 0.00	51.24 -0.59 0.00	48.51 -0.51 0.00	52.31 -0.47 0.00	52.60 -0.52 0.00	50.68 -0.57 0.00	59.37 -0.66 0.00	96.81 -0.94 0.00	151.97 -1.14 0.00	203.01 -1.30 0.00	95.55 -0.78 0.00	63.91 -0.52 0.00	61.03 -0.60 0.00	58.32 -0.52 0.00	49.31 -0.43 0.00
DAHOWA__HYDRO 323763	54.58 2.82 0.00	51.23 2.71 0.00	51.49 2.79 0.00	51.59 2.75 0.00	52.46 2.75 0.00	53.64 3.15 0.00	124.91 7.61 0.00	101.30 6.23 0.00	96.05 5.12 0.00	60.75 2.32 0.00	53.47 1.64 0.00	50.38 1.36 0.00	54.32 1.54 0.00	54.66 1.53 0.00	53.50 2.25 0.00	63.44 3.41 0.00	104.01 6.25 0.00	163.21 10.10 0.00	217.70 13.39 0.00	101.99 5.66 0.00	68.26 3.83 0.00	65.16 3.54 0.00	62.09 3.25 0.00	52.30 2.55 0.00
DANC__LFGE 323619	51.72 -0.04 0.00	48.23 -0.29 0.00	48.29 -0.41 0.00	48.40 -0.44 0.00	49.38 -0.32 0.00	50.23 -0.26 0.00	116.81 -0.49 0.00	95.01 -0.05 0.00	90.40 -0.53 0.00	57.32 -1.12 0.00	50.67 -1.16 0.00	47.85 -1.17 0.00	51.43 -1.35 0.00	51.58 -1.55 0.00	50.01 -1.25 0.00	58.96 -1.07 0.00	97.48 -0.28 0.00	153.68 0.57 0.00	205.07 0.76 0.00	96.67 0.34 0.00	64.58 0.15 0.00	61.52 -0.10 0.00	58.75 -0.09 0.00	49.63 -0.11 0.00
DANSKAMMER__1 23586	54.02 2.25 0.00	50.58 2.06 0.00	50.83 2.12 0.00	50.96 2.12 0.00	51.86 2.16 0.00	52.71 2.22 0.00	123.04 5.74 0.00	99.85 4.79 0.00	95.74 4.81 0.00	62.05 3.61 0.00	55.28 3.45 0.00	52.23 3.21 0.00	56.04 3.26 0.00	56.42 3.29 0.00	54.34 3.09 0.00	63.38 3.34 0.00	103.07 5.31 0.00	161.50 8.39 0.00	215.24 10.93 0.00	101.42 5.08 0.00	67.63 3.20 0.00	64.72 3.10 0.00	61.54 2.70 0.00	51.96 2.22 0.00
DANSKAMMER__2 23589	54.02 2.25 0.00	50.58 2.06 0.00	50.83 2.12 0.00	50.96 2.12 0.00	51.86 2.16 0.00	52.71 2.22 0.00	123.04 5.74 0.00	99.85 4.79 0.00	95.74 4.81 0.00	62.05 3.61 0.00	55.28 3.45 0.00	52.23 3.21 0.00	56.04 3.26 0.00	56.42 3.29 0.00	54.34 3.09 0.00	63.38 3.34 0.00	103.07 5.31 0.00	161.50 8.39 0.00	215.24 10.93 0.00	101.42 5.08 0.00	67.63 3.20 0.00	64.72 3.10 0.00	61.54 2.70 0.00	51.96 2.22 0.00
DANSKAMMER__3 23590	54.02 2.25 0.00	50.58 2.06 0.00	50.83 2.12 0.00	50.96 2.12 0.00	51.86 2.16 0.00	52.71 2.22 0.00	123.04 5.74 0.00	99.85 4.79 0.00	95.74 4.81 0.00	62.05 3.61 0.00	55.28 3.45 0.00	52.23 3.21 0.00	56.04 3.26 0.00	56.42 3.29 0.00	54.34 3.09 0.00	63.38 3.34 0.00	103.07 5.31 0.00	161.50 8.39 0.00	215.24 10.93 0.00	101.42 5.08 0.00	67.63 3.20 0.00	64.72 3.10 0.00	61.54 2.70 0.00	51.96 2.22 0.00

DANSKAMMER___4 23591	54.02 2.25 0.00	50.58 2.06 0.00	50.83 2.12 0.00	50.96 2.12 0.00	51.86 2.16 0.00	52.71 2.22 0.00	123.04 5.74 0.00	99.85 4.79 0.00	95.74 4.81 0.00	62.05 3.61 0.00	55.28 3.45 0.00	52.23 3.21 0.00	56.04 3.26 0.00	56.42 3.29 0.00	54.34 3.09 0.00	63.38 3.34 0.00	103.07 5.31 0.00	161.50 8.39 0.00	215.24 10.93 0.00	101.42 5.08 0.00	67.63 3.20 0.00	64.72 3.10 0.00	61.54 2.70 0.00	51.96 2.22 0.00
DANSKAMMER___DIESEL 23592	54.02 2.25 0.00	50.58 2.06 0.00	50.83 2.13 0.00	50.96 2.12 0.00	51.86 2.16 0.00	52.71 2.22 0.00	123.04 5.74 0.00	99.85 4.79 0.00	95.74 4.82 0.00	62.05 3.61 0.00	55.27 3.44 0.00	52.23 3.21 0.00	56.02 3.24 0.00	56.42 3.29 0.00	54.34 3.09 0.00	63.38 3.35 0.00	103.07 5.32 0.00	161.50 8.39 0.00	215.24 10.93 0.00	101.42 5.09 0.00	67.64 3.21 0.00	64.72 3.10 0.00	61.54 2.70 0.00	51.96 2.21 0.00
DARBY___SOLAR 323810	54.32 2.56 0.00	51.00 2.49 0.00	51.26 2.56 0.00	51.36 2.53 0.00	52.21 2.51 0.00	53.34 2.85 0.00	124.17 6.87 0.00	100.67 5.61 0.00	95.54 4.61 0.00	60.49 2.05 0.00	53.23 1.41 0.00	50.17 1.15 0.00	54.13 1.35 0.00	54.47 1.34 0.00	53.27 2.01 0.00	63.14 3.11 0.00	103.47 5.72 0.00	162.29 9.18 0.00	216.24 11.93 0.00	101.41 5.08 0.00	67.86 3.43 0.00	64.82 3.20 0.00	61.75 2.91 0.00	52.05 2.31 0.00
DASHVILLE___HYD 23610	53.44 1.68 0.00	50.10 1.58 0.00	50.34 1.64 0.00	50.49 1.65 0.00	51.37 1.66 0.00	52.16 1.67 0.00	121.74 4.45 0.00	98.83 3.77 0.00	94.77 3.84 0.00	61.29 2.86 0.00	54.50 2.67 0.00	51.47 2.45 0.00	55.22 2.44 0.00	55.58 2.45 0.00	53.57 2.32 0.00	62.55 2.53 0.00	101.86 4.11 0.00	159.56 6.44 0.00	212.61 8.30 0.00	100.25 3.92 0.00	66.89 2.46 0.00	64.03 2.40 0.00	60.89 2.05 0.00	51.40 1.66 0.00
DELAWARE___LFGE 323621	53.19 1.42 0.00	49.93 1.42 0.00	50.17 1.47 0.00	50.38 1.55 0.00	51.23 1.53 0.00	51.95 1.46 0.00	120.92 3.63 0.00	97.90 2.84 0.00	93.72 2.79 0.00	60.30 1.86 0.00	53.52 1.69 0.00	50.62 1.60 0.00	54.43 1.66 0.00	54.77 1.64 0.00	52.75 1.49 0.00	61.71 1.68 0.00	101.49 2.70 -1.04	157.39 4.17 -0.11	209.98 5.67 0.00	99.12 2.79 0.00	66.32 1.89 0.00	63.39 1.77 0.00	60.47 1.63 0.00	51.07 1.33 0.00
DERFIELD_115KV_TB7 355931	51.98 0.22 0.00	48.72 0.21 0.00	48.90 0.20 0.00	49.03 0.20 0.00	49.90 0.20 0.00	50.73 0.24 0.00	117.87 0.57 0.00	95.44 0.38 0.00	91.22 0.29 0.00	58.61 0.17 0.00	51.98 0.15 0.00	49.11 0.09 0.00	52.87 0.09 0.00	53.23 0.11 0.00	51.41 0.15 0.00	60.27 0.24 0.00	98.22 0.47 0.00	153.73 0.61 0.00	205.13 0.81 0.00	96.72 0.38 0.00	64.69 0.26 0.00	61.90 0.27 0.00	59.08 0.24 0.00	49.98 0.24 0.00
DOGLEVILLE___HYD 23807	55.56 3.79 0.00	52.18 3.66 0.00	52.43 3.73 0.00	52.53 3.69 0.00	53.47 3.76 0.00	54.57 4.08 0.00	127.03 9.73 0.00	102.28 7.21 0.00	95.83 4.90 0.00	60.64 2.20 0.00	53.18 1.35 0.00	49.98 0.96 0.00	53.74 0.96 0.00	54.03 0.90 0.00	52.54 1.29 0.00	63.09 3.06 0.00	105.14 7.38 0.00	165.68 12.57 0.00	221.29 16.98 0.00	104.19 7.86 0.00	69.63 5.20 0.00	66.80 5.18 0.00	63.64 4.80 0.00	53.55 3.81 0.00
DUNKIRK___115KV_TB_200 55889	51.57 -0.19 0.00	47.77 -0.75 0.00	47.94 -0.76 0.00	48.04 -0.80 0.00	49.03 -0.67 0.00	50.10 -0.39 0.00	113.97 -3.33 0.00	92.18 -2.89 0.00	88.56 -2.37 0.00	57.75 -0.69 0.00	51.83 0.00 0.00	49.78 0.76 0.00	54.14 1.36 0.00	54.28 1.16 0.00	50.55 -0.70 0.00	57.94 -2.10 0.00	87.39 -3.95 6.42	148.30 -4.16 0.66	199.62 -4.69 0.00	93.31 -3.02 0.00	62.83 -1.60 0.00	59.61 -2.01 0.00	58.61 -0.23 0.00	50.25 0.50 0.00
DUNKIRK___1 23563	51.57 -0.19 0.00	47.77 -0.75 0.00	47.94 -0.76 0.00	48.04 -0.80 0.00	49.03 -0.67 0.00	50.10 -0.39 0.00	113.97 -3.33 0.00	92.18 -2.89 0.00	88.56 -2.37 0.00	57.75 -0.69 0.00	51.83 0.00 0.00	49.78 0.76 0.00	54.14 1.36 0.00	54.28 1.16 0.00	50.55 -0.70 0.00	57.94 -2.10 0.00	87.39 -3.95 6.42	148.30 -4.16 0.66	199.62 -4.69 0.00	93.31 -3.02 0.00	62.83 -1.60 0.00	59.61 -2.01 0.00	58.61 -0.23 0.00	50.25 0.50 0.00
DUNKIRK___2 23564	51.57 -0.19 0.00	47.77 -0.75 0.00	47.94 -0.76 0.00	48.04 -0.80 0.00	49.03 -0.67 0.00	50.10 -0.39 0.00	113.97 -3.33 0.00	92.18 -2.89 0.00	88.56 -2.37 0.00	57.75 -0.69 0.00	51.83 0.00 0.00	49.78 0.76 0.00	54.14 1.36 0.00	54.28 1.16 0.00	50.55 -0.70 0.00	57.94 -2.10 0.00	87.39 -3.95 6.42	148.30 -4.16 0.66	199.62 -4.69 0.00	93.31 -3.02 0.00	62.83 -1.60 0.00	59.61 -2.01 0.00	58.61 -0.23 0.00	50.25 0.50 0.00
DUNKIRK___3 23565	51.33 -0.44 0.00	47.56 -0.96 0.00	47.72 -0.99 0.00	47.82 -1.02 0.00	48.83 -0.88 0.00	49.82 -0.67 0.00	113.24 -4.06 0.00	91.68 -3.38 0.00	88.07 -2.86 0.00	57.36 -1.07 0.00	51.51 -0.32 0.00	49.47 0.45 0.00	53.80 1.02 0.00	53.97 0.85 0.00	50.40 -0.85 0.00	57.81 -2.22 0.00	87.18 -4.23 6.34	147.57 -4.89 0.65	198.76 -5.55 0.00	92.85 -3.48 0.00	62.53 -1.90 0.00	59.37 -2.25 0.00	58.34 -0.50 0.00	49.97 0.23 0.00
DUNKIRK___4 23566	51.33 -0.44 0.00	47.56 -0.96 0.00	47.72 -0.99 0.00	47.82 -1.02 0.00	48.83 -0.88 0.00	49.82 -0.67 0.00	113.24 -4.06 0.00	91.68 -3.38 0.00	88.07 -2.86 0.00	57.36 -1.07 0.00	51.51 -0.32 0.00	49.47 0.45 0.00	53.80 1.02 0.00	53.97 0.85 0.00	50.40 -0.85 0.00	57.81 -2.22 0.00	87.18 -4.23 6.34	147.57 -4.89 0.65	198.76 -5.55 0.00	92.85 -3.48 0.00	62.53 -1.90 0.00	59.37 -2.25 0.00	58.34 -0.50 0.00	49.97 0.23 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	53.75 1.98 0.00	50.30 1.78 0.00	50.59 1.89 0.00	50.68 1.85 0.00	51.59 1.89 0.00	52.41 1.93 0.00	122.28 4.99 0.00	99.24 4.18 0.00	95.31 4.39 0.00	62.05 3.62 0.00	55.42 3.59 0.00	52.45 3.43 0.00	56.29 3.51 0.00	56.67 3.54 0.00	54.47 3.22 0.00	63.28 3.25 0.00	102.70 4.95 0.00	160.80 7.69 0.00	214.22 9.90 0.00	100.91 4.58 0.00	67.25 2.82 0.00	64.39 2.76 0.00	61.21 2.37 0.00	51.73 1.99 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	53.74 1.97 0.00	50.30 1.79 0.00	50.57 1.87 0.00	50.68 1.85 0.00	51.58 1.87 0.00	52.43 1.94 0.00	122.37 5.08 0.00	99.26 4.20 0.00	95.20 4.27 0.00	61.73 3.30 0.00	54.97 3.15 0.00	51.96 2.94 0.00	55.74 2.96 0.00	56.10 2.97 0.00	53.99 2.74 0.00	62.96 2.93 0.00	102.40 4.65 0.00	160.43 7.32 0.00	213.80 9.49 0.00	100.73 4.40 0.00	67.20 2.77 0.00	64.31 2.69 0.00	61.18 2.34 0.00	51.66 1.92 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	54.03 2.26 0.00	50.60 2.08 0.00	50.87 2.16 0.00	50.89 2.06 0.00	51.80 2.10 0.00	52.28 1.80 0.00	122.16 4.86 0.00	99.26 4.20 0.00	95.50 4.57 0.00	62.13 3.69 0.00	55.59 3.76 0.00	53.62 3.66 -0.94	56.46 3.68 0.00	57.06 3.71 -0.22	55.60 3.35 -1.00	63.28 3.25 0.00	102.70 4.95 0.00	160.68 7.57 0.00	214.03 9.71 0.00	100.86 4.54 0.00	67.24 2.81 0.00	64.36 2.73 0.00	61.19 2.35 0.00	51.77 2.02 0.00

E179THST_13_KV_LOAD 356214	54.24 2.48 0.00	50.80 2.28 0.00	51.06 2.36 0.00	51.08 2.24 0.00	52.00 2.30 0.00	52.49 2.00 0.00	122.69 5.40 0.00	99.70 4.64 0.00	95.95 5.03 0.00	62.42 3.99 0.00	55.86 4.03 0.00	53.87 3.91 -0.94	56.75 3.97 0.00	57.33 3.98 -0.22	55.87 3.61 -1.00	63.58 3.55 0.00	103.21 5.45 0.00	161.55 8.43 0.00	215.16 10.85 0.00	101.38 5.05 0.00	67.58 3.15 0.00	64.67 3.05 0.00	61.49 2.65 0.00	51.99 2.25 0.00
EAST HAMPTON___GT 23717	57.03 5.27 0.01	50.06 4.72 3.17	52.82 4.66 0.54	53.55 4.72 0.01	54.89 5.20 0.01	55.11 4.62 0.01	140.34 9.70 -13.35	115.30 8.39 -11.85	107.51 9.06 -7.52	68.64 8.53 -1.67	60.33 8.06 -0.45	56.21 7.26 0.06	59.64 6.95 0.09	59.32 6.86 0.67	57.43 6.32 0.15	74.84 6.37 -8.44	123.42 10.27 -15.40	189.34 17.44 -18.78	244.39 23.31 -16.77	124.67 10.81 -17.53	81.97 6.66 -10.87	78.23 6.30 -10.30	73.78 6.00 -8.94	55.05 5.27 -0.03
EAST RIVER___6 23660	53.77 2.00 0.00	50.34 1.82 0.00	50.63 1.93 0.00	50.66 1.82 0.00	51.62 1.92 0.00	52.39 1.90 0.00	122.56 5.27 0.00	99.46 4.40 0.00	95.64 4.71 0.00	62.39 3.96 0.00	55.83 4.00 0.00	53.31 3.85 -0.44	56.74 3.96 0.00	57.20 3.97 -0.10	55.33 3.60 -0.47	63.63 3.60 0.00	103.15 5.40 0.00	161.48 8.37 0.00	214.91 10.59 0.00	101.18 4.85 0.00	67.39 2.95 0.00	64.50 2.87 0.00	61.28 2.45 0.00	51.79 2.04 0.00
EAST RIVER___7 23524	53.77 2.00 0.00	50.34 1.82 0.00	50.63 1.93 0.00	50.66 1.82 0.00	51.62 1.92 0.00	52.39 1.90 0.00	122.56 5.27 0.00	99.46 4.40 0.00	95.64 4.71 0.00	62.39 3.96 0.00	55.83 4.00 0.00	53.31 3.85 -0.44	56.74 3.96 0.00	57.20 3.97 -0.10	55.33 3.60 -0.47	63.63 3.60 0.00	103.15 5.40 0.00	161.48 8.37 0.00	214.91 10.59 0.00	101.18 4.85 0.00	67.39 2.95 0.00	64.50 2.87 0.00	61.28 2.45 0.00	51.79 2.04 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	53.67 1.90 0.00	50.23 1.71 0.00	50.52 1.82 0.00	50.62 1.78 0.00	51.53 1.83 0.00	52.35 1.86 0.00	122.13 4.83 0.00	99.10 4.04 0.00	95.15 4.22 0.00	61.92 3.48 0.00	55.28 3.45 0.00	52.32 3.30 0.00	56.15 3.37 0.00	56.53 3.40 0.00	54.34 3.08 0.00	63.15 3.12 0.00	102.51 4.76 0.00	160.50 7.39 0.00	213.82 9.50 0.00	100.72 4.39 0.00	67.15 2.72 0.00	64.27 2.64 0.00	61.12 2.29 0.00	51.65 1.90 0.00
EAST_HAMPTON___DIESEL 23722	57.03 5.27 0.01	50.06 4.72 3.17	52.82 4.65 0.54	53.55 4.72 0.01	54.90 5.21 0.01	55.13 4.65 0.01	140.40 9.76 -13.35	115.34 8.43 -11.85	107.52 9.07 -7.52	68.64 8.53 -1.67	60.34 8.07 -0.45	56.23 7.27 0.06	59.65 6.95 0.09	59.34 6.87 0.67	57.45 6.34 0.15	74.85 6.38 -8.44	123.43 10.28 -15.40	189.43 17.53 -18.78	244.49 23.41 -16.77	124.67 10.81 -17.53	81.97 6.66 -10.87	78.22 6.29 -10.30	73.78 6.00 -8.94	55.04 5.26 -0.03
EAST_POINT___SOLAR 323840	53.66 1.89 0.00	50.20 1.68 0.00	50.37 1.67 0.00	50.56 1.72 0.00	51.52 1.81 0.00	52.26 1.78 0.00	121.02 3.72 0.00	97.88 2.82 0.00	91.81 0.88 0.00	59.05 0.61 0.00	52.55 0.73 0.00	49.43 0.41 0.00	52.90 0.12 0.00	53.12 -0.01 0.00	51.31 0.05 0.00	61.36 1.33 0.00	100.60 2.85 0.00	158.15 5.04 0.00	211.25 6.94 0.00	99.52 3.19 0.00	66.52 2.09 0.00	63.63 2.01 0.00	60.75 1.91 0.00	51.28 1.54 0.00
EAST_PULASKI___ESR 323781	51.00 -0.77 0.00	47.65 -0.87 0.00	47.77 -0.93 0.00	47.89 -0.94 0.00	48.82 -0.88 0.00	49.64 -0.84 0.00	115.32 -1.97 0.00	93.65 -1.42 0.00	89.37 -1.56 0.00	57.01 -1.43 0.00	50.41 -1.42 0.00	47.67 -1.35 0.00	51.33 -1.45 0.00	51.57 -1.56 0.00	49.84 -1.42 0.00	58.55 -1.48 0.00	96.11 -1.64 0.00	151.10 -2.01 0.00	201.73 -2.58 0.00	95.08 -1.25 0.00	63.56 -0.87 0.00	60.65 -0.97 0.00	57.92 -0.92 0.00	48.93 -0.81 0.00
EAST_RIVER___1 323558	53.85 2.08 0.00	50.41 1.89 0.00	50.70 2.00 0.00	50.75 1.91 0.00	51.68 1.97 0.00	52.48 2.00 0.00	122.64 5.35 0.00	99.55 4.49 0.00	95.69 4.77 0.00	62.40 3.97 0.00	55.84 4.01 0.00	53.30 3.83 -0.44	56.73 3.96 0.00	57.19 3.96 -0.10	55.31 3.58 -0.47	63.63 3.60 0.00	103.14 5.38 0.00	161.48 8.37 0.00	214.96 10.65 0.00	101.20 4.87 0.00	67.43 2.99 0.00	64.54 2.92 0.00	61.34 2.51 0.00	51.86 2.12 0.00
EAST_RIVER___2 323559	53.77 2.00 0.00	50.34 1.82 0.00	50.63 1.93 0.00	50.66 1.82 0.00	51.62 1.92 0.00	52.39 1.90 0.00	122.56 5.27 0.00	99.46 4.40 0.00	95.64 4.71 0.00	62.39 3.96 0.00	55.83 4.00 0.00	53.31 3.85 -0.44	56.74 3.96 0.00	57.20 3.97 -0.10	55.33 3.60 -0.47	63.63 3.60 0.00	103.15 5.40 0.00	161.48 8.37 0.00	214.91 10.59 0.00	101.18 4.85 0.00	67.39 2.95 0.00	64.50 2.87 0.00	61.28 2.45 0.00	51.79 2.04 0.00
EAST___DELAWARE_HYD 23607	53.93 2.16 0.00	50.50 1.98 0.00	50.73 2.03 0.00	50.87 2.04 0.00	51.77 2.07 0.00	52.65 2.16 0.00	122.91 5.61 0.00	99.78 4.72 0.00	95.67 4.74 0.00	61.85 3.41 0.00	54.81 2.98 0.00	51.64 2.62 0.00	55.20 2.42 0.00	54.32 1.19 0.00	52.41 1.15 0.00	61.37 1.34 0.00	100.13 2.38 0.00	157.08 3.96 0.00	209.35 5.04 0.00	98.74 2.41 0.00	66.09 1.66 0.00	64.60 2.97 0.00	61.45 2.61 0.00	51.86 2.11 0.00
EIGHT_POINT___WT_PWR 323820	52.01 0.24 0.00	48.65 -0.16 -0.30	49.04 -0.09 -0.43	49.32 -0.15 -0.64	49.94 0.02 -0.21	51.04 0.52 -0.03	115.83 -1.50 -0.04	95.67 -1.17 -1.77	89.53 -1.87 -0.47	57.32 -1.12 0.00	51.44 -0.39 0.00	49.19 0.17 0.00	53.39 0.62 0.00	53.58 0.45 0.00	50.27 -0.99 0.00	58.44 -1.78 -0.19	84.97 -2.49 10.30	151.96 -2.15 -1.00	203.52 -2.16 -1.37	96.31 -1.47 -1.45	65.47 -0.69 -1.73	62.40 -0.91 -1.68	61.31 0.24 -2.23	51.35 0.45 -1.16
ELBRIDGE_115KV_TB2 80188	51.17 -0.59 0.00	47.89 -0.62 0.00	48.09 -0.61 0.00	48.24 -0.59 0.00	49.09 -0.62 0.00	49.88 -0.61 0.00	115.74 -1.55 0.00	93.85 -1.21 0.00	89.72 -1.21 0.00	57.56 -0.88 0.00	50.96 -0.86 0.00	48.24 -0.78 0.00	52.02 -0.76 0.00	52.33 -0.80 0.00	50.41 -0.85 0.00	59.04 -0.99 0.00	96.26 -1.49 0.00	151.16 -1.96 0.00	201.88 -2.43 0.00	94.99 -1.34 0.00	63.54 -0.89 0.00	60.70 -0.93 0.00	58.04 -0.79 0.00	49.11 -0.63 0.00
ELEC_TRO_TEK 24086	54.71 2.94 0.00	51.78 2.68 -0.58	51.53 2.73 -0.10	51.44 2.60 0.00	52.50 2.80 0.00	52.65 2.17 0.00	121.97 4.68 0.00	99.27 4.20 0.00	95.77 4.84 0.00	64.98 4.98 -1.57	57.26 4.81 -0.62	54.36 4.58 -0.76	57.34 4.54 -0.02	58.05 4.65 -0.27	55.52 4.09 -0.17	63.80 3.78 0.00	103.40 5.60 -0.05	162.18 9.07 0.00	216.07 11.76 0.00	101.99 5.67 0.00	67.86 3.43 0.00	64.94 3.32 0.00	61.92 3.08 -0.01	52.50 2.75 -0.01
ELLENBURG_WT_PWR 323604	53.55 1.78 0.00	49.19 0.67 0.00	48.73 0.03 0.00	48.50 -0.34 0.00	49.77 0.07 0.00	50.98 0.49 0.00	117.40 0.10 0.00	94.72 -0.35 0.00	90.96 0.03 0.00	59.17 0.73 0.00	52.82 0.99 0.00	50.24 1.22 0.00	54.51 1.73 0.00	55.01 1.89 0.00	52.49 1.24 0.00	60.56 0.53 0.00	97.33 -0.42 0.00	152.21 -0.91 0.00	203.17 -1.14 0.00	97.22 0.89 0.00	65.57 1.14 0.00	62.87 1.24 0.00	60.83 1.99 0.00	51.74 2.00 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	50.99 -0.77 0.00	47.25 -1.26 0.00	47.40 -1.31 0.00	47.52 -1.31 0.00	48.60 -1.11 0.00	49.28 -1.21 0.00	111.39 -5.91 0.00	90.55 -4.51 0.00	87.16 -3.77 0.00	56.35 -2.09 0.00	50.64 -1.19 0.00	48.62 -0.40 0.00	52.92 0.14 0.00	53.12 -0.01 0.00	50.04 -1.22 0.00	57.66 -2.37 0.00	87.41 -4.78 5.57	146.28 -6.25 0.57	197.81 -6.50 0.00	91.92 -4.41 0.00	61.88 -2.55 0.00	58.90 -2.72 0.00	57.95 -0.89 0.00	49.58 -0.16 0.00
EMPIRE_CC_1 323656	52.31 0.55 0.00	49.22 0.71 0.00	49.43 0.73 0.00	49.52 0.68 0.00	50.33 0.62 0.00	51.19 0.70 0.00	118.90 1.60 0.00	96.45 1.39 0.00	92.01 1.08 0.00	58.66 0.23 0.00	51.68 -0.15 0.00	48.73 -0.29 0.00	52.39 -0.39 0.00	52.81 -0.32 0.00	51.55 0.29 0.00	60.82 0.79 0.00	99.16 1.40 0.00	154.92 1.80 0.00	206.33 2.02 0.00	97.28 0.95 0.00	65.03 0.60 0.00	62.42 0.80 0.00	59.35 0.51 0.00	50.10 0.36 0.00
EMPIRE_CC_2 323658	52.31 0.55 0.00	49.22 0.71 0.00	49.43 0.73 0.00	49.52 0.68 0.00	50.33 0.62 0.00	51.19 0.70 0.00	118.90 1.60 0.00	96.45 1.39 0.00	92.01 1.08 0.00	58.66 0.23 0.00	51.68 -0.15 0.00	48.73 -0.29 0.00	52.39 -0.39 0.00	52.81 -0.32 0.00	51.55 0.29 0.00	60.82 0.79 0.00	99.16 1.40 0.00	154.92 1.80 0.00	206.33 2.02 0.00	97.28 0.95 0.00	65.03 0.60 0.00	62.42 0.80 0.00	59.35 0.51 0.00	50.10 0.36 0.00
ENORWICH_115KV_TB1 80156	55.41 3.64 0.00	51.81 3.30 0.00	52.08 3.37 0.00	52.26 3.42 0.00	53.33 3.62 0.00	54.67 4.18 0.00	127.50 10.21 0.00	103.79 8.72 0.00	98.11 7.18 0.00	62.35 3.91 0.00	54.82 3.00 0.00	51.56 2.54 0.00	55.16 2.38 0.00	55.40 2.28 0.00	53.32 2.06 0.00	63.35 3.32 0.00	109.44 6.79 -4.89	165.38 11.77 -0.50	220.23 15.92 0.00	103.67 7.34 0.00	69.48 5.05 0.00	66.13 4.50 0.00	63.24 4.40 0.00	53.19 3.45 0.00
ERIE_ST__34_KV_TB1-2 80199	51.51 -0.26 0.00	47.73 -0.78 0.00	47.89 -0.82 0.00	48.02 -0.82 0.00	49.08 -0.63 0.00	49.87 -0.62 0.00	112.79 -4.51 0.00	91.82 -3.24 0.00	88.38 -2.55 0.00	57.15 -1.28 0.00	51.32 -0.51 0.00	49.24 0.22 0.00	53.68 0.90 0.00	53.79 0.67 0.00	50.66 -0.60 0.00	58.39 -1.64 0.00	88.30 -3.33 6.12	148.54 -3.94 0.63	200.77 -3.54 0.00	93.37 -2.96 0.00	62.86 -1.57 0.00	59.80 -1.83 0.00	58.67 -0.16 0.00	50.13 0.39 0.00
ERIE_WT_PWR 323693	51.32 -0.44 0.00	46.73 -0.96 0.83	46.53 -0.96 1.22	45.99 -1.04 1.80	48.31 -0.79 0.60	49.55 -0.85 0.09	112.04 -5.15 0.10	86.23 -3.77 5.06	86.47 -3.12 1.34	56.77 -1.67 0.00	50.93 -0.89 0.00	48.90 -0.12 0.00	53.17 0.39 0.00	53.43 0.30 0.00	50.29 -0.96 0.00	57.70 -1.97 0.35	83.67 -3.99 10.10	143.34 -4.91 4.87	196.93 -4.81 2.56	90.02 -3.51 2.80	58.23 -2.02 4.18	56.25 -2.23 3.14	54.19 -0.49 4.17	47.78 0.18 2.15
ESPRGFLD_115KV_TB1 80157	52.77 1.00 0.00	49.37 0.85 0.00	49.55 0.85 0.00	49.78 0.94 0.00	50.68 0.98 0.00	51.37 0.89 0.00	119.18 1.88 0.00	96.80 1.75 0.00	92.76 1.83 0.00	60.01 1.57 0.00	53.46 1.63 0.00	50.58 1.57 0.00	54.46 1.69 0.00	54.81 1.69 0.00	52.56 1.30 0.00	61.29 1.27 0.00	99.89 1.57 -0.57	155.65 2.48 -0.06	207.83 3.52 0.00	98.07 1.74 0.00	65.60 1.17 0.00	62.70 1.07 0.00	59.93 1.09 0.00	50.64 0.90 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	52.79 1.03 0.00	49.43 0.91 0.00	49.61 0.91 0.00	49.79 0.95 0.00	50.70 1.00 0.00	51.62 1.14 0.00	119.80 2.51 0.00	97.26 2.20 0.00	92.59 1.66 0.00	59.22 0.78 0.00	52.36 0.54 0.00	49.40 0.38 0.00	53.22 0.44 0.00	53.56 0.43 0.00	51.65 0.40 0.00	60.72 0.69 0.00	109.45 1.72 -9.97	157.52 3.39 -1.02	209.17 4.86 0.00	98.45 2.12 0.00	65.79 1.36 0.00	62.85 1.23 0.00	60.09 1.26 0.00	50.80 1.06 0.00
ETNA____115KV_TB2 80207	52.79 1.03 0.00	49.43 0.91 0.00	49.61 0.91 0.00	49.79 0.95 0.00	50.70 1.00 0.00	51.62 1.14 0.00	119.80 2.51 0.00	97.26 2.20 0.00	92.59 1.66 0.00	59.22 0.78 0.00	52.36 0.54 0.00	49.40 0.38 0.00	53.22 0.44 0.00	53.56 0.43 0.00	51.65 0.40 0.00	60.72 0.69 0.00	109.45 1.72 -9.97	157.52 3.39 -1.02	209.17 4.86 0.00	98.45 2.12 0.00	65.79 1.36 0.00	62.85 1.23 0.00	60.09 1.26 0.00	50.80 1.06 0.00
EUCLID___115KV_TB2 356179	50.81 -0.96 0.00	47.56 -0.96 0.00	47.74 -0.96 0.00	47.88 -0.95 0.00	48.79 -0.92 0.00	49.56 -0.93 0.00	114.99 -2.31 0.00	93.27 -1.79 0.00	89.24 -1.69 0.00	57.27 -1.16 0.00	50.80 -1.03 0.00	48.09 -0.93 0.00	51.85 -0.93 0.00	52.13 -0.99 0.00	50.20 -1.05 0.00	58.79 -1.25 0.00	95.80 -1.96 0.00	150.29 -2.82 0.00	200.82 -3.49 0.00	94.47 -1.86 0.00	63.20 -1.23 0.00	60.37 -1.26 0.00	57.73 -1.11 0.00	48.80 -0.94 0.00
E_CANADA_CAP_HY 24051	52.18 0.41 0.00	48.81 0.29 0.00	48.94 0.23 0.00	49.15 0.31 0.00	50.05 0.35 0.00	50.64 0.15 0.00	116.92 -0.38 0.00	95.02 -0.04 0.00	90.75 -0.18 0.00	58.67 0.23 0.00	52.28 0.45 0.00	49.48 0.46 0.00	53.16 0.38 0.00	53.50 0.37 0.00	51.42 0.17 0.00	60.18 0.15 0.00	97.47 -0.28 0.00	152.71 -0.40 0.00	203.83 -0.48 0.00	96.18 -0.15 0.00	64.33 -0.10 0.00	61.71 0.09 0.00	59.02 0.19 0.00	49.92 0.18 0.00
E_CANADA_MHWK_HY 24050	55.56 3.79 0.00	52.18 3.66 0.00	52.43 3.73 0.00	52.53 3.69 0.00	53.47 3.76 0.00	54.57 4.08 0.00	127.03 9.73 0.00	102.27 7.21 0.00	95.82 4.90 0.00	60.63 2.20 0.00	53.18 1.35 0.00	49.98 0.96 0.00	53.74 0.96 0.00	54.03 0.90 0.00	52.54 1.28 0.00	63.09 3.06 0.00	105.14 7.38 0.00	165.68 12.56 0.00	221.28 16.97 0.00	104.21 7.88 0.00	69.63 5.21 0.00	66.80 5.18 0.00	63.63 4.79 0.00	53.55 3.81 0.00
E_FISHKILL___LBMP 23776	53.35 1.58 0.00	49.98 1.46 0.00	50.25 1.55 0.00	50.37 1.53 0.00	51.24 1.53 0.00	52.05 1.56 0.00	121.37 4.08 0.00	98.48 3.42 0.00	94.50 3.57 0.00	61.35 2.91 0.00	54.68 2.85 0.00	51.73 2.71 0.00	55.53 2.75 0.00	55.90 2.78 0.00	53.82 2.56 0.00	62.63 2.61 0.00	101.72 3.97 0.00	159.26 6.15 0.00	212.17 7.86 0.00	99.99 3.67 0.00	66.71 2.28 0.00	63.86 2.24 0.00	60.73 1.89 0.00	51.32 1.58 0.00
FALCON___SEABRD_CC1 323796	54.00 2.23 0.00	49.55 1.03 0.00	49.02 0.31 0.00	48.67 -0.16 0.00	49.89 0.19 0.00	51.06 0.57 0.00	117.09 -0.21 0.00	94.47 -0.59 0.00	90.74 -0.19 0.00	59.27 0.84 0.00	52.92 1.09 0.00	50.31 1.29 0.00	54.61 1.83 0.00	55.08 1.96 0.00	52.54 1.28 0.00	60.38 0.35 0.00	97.12 -0.63 0.00	151.95 -1.16 0.00	202.89 -1.43 0.00	97.07 0.74 0.00	65.51 1.08 0.00	63.00 1.37 0.00	61.04 2.21 0.00	51.89 2.15 0.00
FALCON___SEABRD_CC2 323797	54.00 2.23 0.00	49.55 1.03 0.00	49.02 0.31 0.00	48.67 -0.16 0.00	49.89 0.19 0.00	51.06 0.57 0.00	117.09 -0.21 0.00	94.47 -0.59 0.00	90.74 -0.19 0.00	59.27 0.84 0.00	52.92 1.09 0.00	50.31 1.29 0.00	54.61 1.83 0.00	55.08 1.96 0.00	52.54 1.28 0.00	60.38 0.35 0.00	97.12 -0.63 0.00	151.95 -1.16 0.00	202.89 -1.43 0.00	97.07 0.74 0.00	65.51 1.08 0.00	63.00 1.37 0.00	61.04 2.21 0.00	51.89 2.15 0.00

FAR ROCKAWAY___4 23548	55.45 3.61 -0.07	78.59 3.28 -26.79	56.57 3.32 -4.54	52.07 3.18 -0.05	53.20 3.42 -0.08	53.33 2.82 -0.03	123.31 6.01 0.00	100.45 5.38 0.00	96.97 6.04 0.00	76.27 5.80 -12.03	62.51 5.54 -5.15	61.73 5.26 -7.45	58.77 5.26 -0.73	65.52 5.38 -7.01	58.66 4.79 -2.62	64.72 4.63 -0.05	106.93 7.05 -2.12	164.59 11.47 0.00	219.32 15.01 0.00	103.42 7.09 0.00	68.88 4.45 0.00	65.85 4.22 0.00	62.82 3.96 -0.02	53.30 3.54 -0.02
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	53.87 2.10 0.00	50.42 1.90 0.00	50.74 2.03 0.00	50.78 1.95 0.00	51.72 2.02 0.00	52.53 2.05 0.00	122.68 5.39 0.00	99.58 4.52 0.00	95.75 4.82 0.00	62.42 3.98 0.00	55.85 4.02 0.00	53.82 3.85 -0.95	56.73 3.95 0.00	57.33 3.98 -0.22	55.88 3.61 -1.01	63.64 3.61 0.00	103.16 5.40 0.00	161.49 8.38 0.00	215.06 10.75 0.00	101.24 4.91 0.00	67.46 3.03 0.00	64.57 2.95 0.00	61.39 2.55 0.00	51.90 2.16 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	53.89 2.12 0.00	50.43 1.91 0.00	50.74 2.04 0.00	50.81 1.97 0.00	51.73 2.02 0.00	52.54 2.06 0.00	122.68 5.39 0.00	99.62 4.56 0.00	95.75 4.82 0.00	62.42 3.99 0.00	55.85 4.02 0.00	53.82 3.85 -0.95	56.73 3.95 0.00	57.33 3.98 -0.22	55.88 3.61 -1.01	63.64 3.61 0.00	103.16 5.40 0.00	161.49 8.38 0.00	215.07 10.76 0.00	101.28 4.95 0.00	67.47 3.04 0.00	64.60 2.97 0.00	61.40 2.57 0.00	51.92 2.18 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	53.86 2.09 0.00	50.39 1.87 0.00	50.71 2.01 0.00	50.78 1.94 0.00	51.69 1.98 0.00	52.50 2.01 0.00	122.60 5.30 0.00	99.55 4.49 0.00	95.69 4.77 0.00	62.39 3.96 0.00	55.81 3.98 0.00	53.78 3.81 -0.95	56.71 3.93 0.00	57.29 3.95 -0.22	55.83 3.57 -1.01	63.61 3.58 0.00	103.09 5.34 0.00	161.35 8.24 0.00	214.89 10.57 0.00	101.18 4.85 0.00	67.40 2.97 0.00	64.54 2.92 0.00	61.36 2.52 0.00	51.87 2.13 0.00
FARRAGUT___LBMP 323566	53.81 2.04 0.00	50.37 1.85 0.00	50.69 1.99 0.00	50.73 1.90 0.00	51.67 1.97 0.00	52.47 1.98 0.00	122.52 5.22 0.00	99.45 4.39 0.00	95.61 4.68 0.00	62.33 3.90 0.00	55.75 3.93 0.00	53.73 3.76 -0.95	56.64 3.86 0.00	57.24 3.89 -0.22	55.78 3.51 -1.01	63.55 3.52 0.00	102.99 5.24 0.00	161.20 8.08 0.00	214.68 10.37 0.00	101.09 4.76 0.00	67.36 2.93 0.00	64.50 2.87 0.00	61.31 2.48 0.00	51.83 2.08 0.00
FENNER___WINDPWR 24204	52.88 1.12 0.00	49.56 1.04 0.00	49.73 1.03 0.00	49.87 1.03 0.00	50.85 1.14 0.00	51.77 1.28 0.00	120.45 3.15 0.00	97.73 2.67 0.00	93.30 2.37 0.00	59.83 1.40 0.00	52.91 1.08 0.00	49.89 0.87 0.00	53.79 1.01 0.00	54.01 0.89 0.00	51.99 0.73 0.00	61.13 1.10 0.00	102.15 2.34 -2.05	157.38 4.05 -0.21	209.84 5.53 0.00	98.81 2.48 0.00	66.08 1.65 0.00	63.07 1.44 0.00	60.22 1.38 0.00	50.85 1.10 0.00
FIBERTEK___ENERGY 23856	51.40 -0.36 0.00	48.12 -0.39 0.00	48.32 -0.39 0.00	48.45 -0.38 0.00	49.30 -0.41 0.00	50.12 -0.37 0.00	116.37 -0.93 0.00	94.35 -0.71 0.00	90.18 -0.75 0.00	57.85 -0.59 0.00	51.24 -0.59 0.00	48.51 -0.51 0.00	52.31 -0.47 0.00	52.60 -0.52 0.00	50.68 -0.57 0.00	59.37 -0.66 0.00	96.81 -0.94 0.00	151.97 -1.14 0.00	203.01 -1.30 0.00	95.55 -0.78 0.00	63.91 -0.52 0.00	61.03 -0.60 0.00	58.32 -0.52 0.00	49.31 -0.43 0.00
FITZPATRICK___ 23598	50.09 -1.68 0.00	46.90 -1.62 0.00	47.06 -1.64 0.00	47.19 -1.65 0.00	48.07 -1.63 0.00	48.82 -1.67 0.00	113.28 -4.02 0.00	91.85 -3.21 0.00	87.88 -3.05 0.00	56.38 -2.05 0.00	50.00 -1.82 0.00	47.33 -1.69 0.00	51.00 -1.78 0.00	51.31 -1.81 0.00	49.43 -1.82 0.00	57.87 -2.16 0.00	94.27 -3.49 0.00	147.85 -5.26 0.00	197.48 -6.83 0.00	92.98 -3.36 0.00	62.20 -2.23 0.00	59.44 -2.19 0.00	56.85 -1.99 0.00	48.08 -1.66 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	54.11 2.35 0.00	50.66 2.15 0.00	50.92 2.22 0.00	51.04 2.20 0.00	51.94 2.24 0.00	52.81 2.32 0.00	123.27 5.98 0.00	100.06 5.00 0.00	95.94 5.01 0.00	62.19 3.75 0.00	55.39 3.56 0.00	52.34 3.32 0.00	56.16 3.38 0.00	56.55 3.42 0.00	54.48 3.22 0.00	63.52 3.49 0.00	103.29 5.54 0.00	161.86 8.75 0.00	215.67 11.36 0.00	101.65 5.31 0.00	67.80 3.37 0.00	64.86 3.24 0.00	61.66 2.82 0.00	52.06 2.31 0.00
FORT ORANGE___ 23900	52.07 0.31 0.00	48.98 0.46 0.00	49.17 0.47 0.00	49.27 0.43 0.00	50.10 0.40 0.00	50.95 0.46 0.00	118.52 1.23 0.00	96.11 1.05 0.00	91.73 0.80 0.00	58.57 0.13 0.00	51.72 -0.11 0.00	48.84 -0.18 0.00	52.47 -0.31 0.00	52.88 -0.25 0.00	51.47 0.21 0.00	60.61 0.58 0.00	98.96 1.20 0.00	154.87 1.76 0.00	206.36 2.05 0.00	97.82 1.49 0.00	65.41 0.98 0.00	62.66 1.04 0.00	59.60 0.76 0.00	50.30 0.55 0.00
FORT_DRUM_COGEN 23780	52.93 1.16 0.00	49.20 0.69 0.00	49.19 0.49 0.00	49.27 0.43 0.00	50.32 0.62 0.00	51.22 0.73 0.00	119.36 2.07 0.00	97.21 2.15 0.00	92.15 1.22 0.00	58.05 -0.38 0.00	51.31 -0.52 0.00	48.39 -0.63 0.00	51.94 -0.84 0.00	51.99 -1.13 0.00	50.58 -0.68 0.00	59.83 -0.20 0.00	99.60 1.85 0.00	157.50 4.39 0.00	210.07 5.76 0.00	99.13 2.80 0.00	66.25 1.81 0.00	63.03 1.41 0.00	60.19 1.36 0.00	50.80 1.05 0.00
FOX_HILLS___ESR 323835	54.11 2.34 0.00	50.61 2.09 0.00	50.91 2.21 0.00	50.93 2.09 0.00	51.86 2.15 0.00	52.56 2.07 0.00	122.59 5.29 0.00	99.44 4.38 0.00	95.69 4.76 0.00	62.32 3.89 0.00	55.85 4.02 0.00	53.95 3.99 -0.94	56.63 3.85 0.00	57.32 3.98 -0.22	55.86 3.59 -1.01	63.44 3.41 0.00	102.73 4.98 0.00	160.75 7.64 0.00	214.05 9.74 0.00	100.82 4.49 0.00	67.22 2.78 0.00	64.42 2.79 0.00	61.32 2.48 0.00	51.92 2.17 0.00
FPL_FAR_ROCK_GT1 24212	55.44 3.60 -0.07	78.58 3.27 -26.79	56.56 3.32 -4.54	52.06 3.18 -0.05	53.19 3.41 -0.08	53.33 2.81 -0.03	123.31 6.01 0.00	100.44 5.38 0.00	96.97 6.04 0.00	76.25 5.79 -12.03	62.56 5.58 -5.15	61.76 5.28 -7.45	58.82 5.31 -0.73	65.55 5.41 -7.01	58.65 4.78 -2.62	64.71 4.62 -0.05	106.94 7.07 -2.12	164.59 11.48 0.00	219.32 15.01 0.00	103.44 7.11 0.00	68.88 4.45 0.00	65.84 4.22 0.00	62.81 3.95 -0.02	53.30 3.54 -0.02
FPL_FAR_ROCK_GT2 23815	55.44 3.60 -0.07	78.58 3.27 -26.79	56.56 3.32 -4.54	52.06 3.18 -0.05	53.19 3.41 -0.08	53.33 2.81 -0.03	123.31 6.01 0.00	100.44 5.38 0.00	96.97 6.04 0.00	76.25 5.79 -12.03	62.56 5.58 -5.15	61.76 5.28 -7.45	58.82 5.31 -0.73	65.55 5.41 -7.01	58.65 4.78 -2.62	64.71 4.62 -0.05	106.94 7.07 -2.12	164.59 11.48 0.00	219.32 15.01 0.00	103.44 7.11 0.00	68.88 4.45 0.00	65.84 4.22 0.00	62.81 3.95 -0.02	53.30 3.54 -0.02
FRANKLIN_FALL_HYD 24054	54.61 2.84 0.00	50.12 1.60 0.00	49.65 0.95 0.00	49.43 0.60 0.00	50.83 1.12 0.00	52.14 1.65 0.00	120.35 3.06 0.00	97.28 2.22 0.00	93.37 2.44 0.00	60.55 2.12 0.00	54.03 2.20 0.00	51.19 2.17 0.00	55.52 2.74 0.00	55.97 2.84 0.00	53.47 2.21 0.00	61.60 1.57 0.00	98.97 1.21 0.00	155.14 2.03 0.00	207.26 2.95 0.00	99.28 2.95 0.00	66.91 2.48 0.00	64.14 2.52 0.00	62.10 3.26 0.00	52.86 3.11 0.00

FREEPORT_EQUS_GT1 23764	55.09 3.31 -0.01	55.68 3.01 -4.16	52.45 3.04 -0.70	51.75 2.91 -0.01	52.85 3.14 -0.01	52.92 2.43 -0.01	122.01 4.72 0.00	99.40 4.34 0.00	96.00 5.07 0.00	66.97 5.45 -3.08	58.39 5.29 -1.27	55.77 5.04 -1.71	57.88 4.99 -0.11	59.42 5.09 -1.20	56.29 4.52 -0.51	64.29 4.25 -0.01	104.15 6.06 -0.33	163.37 10.25 0.00	218.10 13.78 0.00	102.90 6.57 0.00	68.53 4.10 0.00	65.55 3.93 0.00	62.49 3.65 -0.01	52.94 3.19 -0.01
FREEPORT___CT2 23818	55.09 3.31 -0.01	55.68 3.01 -4.16	52.45 3.04 -0.70	51.75 2.91 -0.01	52.85 3.14 -0.01	52.92 2.43 -0.01	122.01 4.72 0.00	99.40 4.34 0.00	96.00 5.07 0.00	66.97 5.45 -3.08	58.39 5.29 -1.27	55.77 5.04 -1.71	57.88 4.99 -0.11	59.42 5.09 -1.20	56.29 4.52 -0.51	64.29 4.25 -0.01	104.15 6.06 -0.33	163.37 10.25 0.00	218.10 13.78 0.00	102.90 6.57 0.00	68.53 4.10 0.00	65.55 3.93 0.00	62.49 3.65 -0.01	52.94 3.19 -0.01
FRESHKLS_33_KV_LOAD 356253	54.25 2.48 0.00	50.75 2.23 0.00	51.03 2.33 0.00	51.06 2.22 0.00	51.97 2.27 0.00	52.68 2.19 0.00	122.74 5.44 0.00	99.50 4.44 0.00	95.76 4.83 0.00	62.35 3.92 0.00	55.91 4.08 0.00	53.99 4.03 -0.94	56.65 3.87 0.00	57.35 4.00 -0.22	55.91 3.64 -1.01	63.47 3.44 0.00	102.69 4.94 0.00	160.74 7.63 0.00	214.05 9.73 0.00	100.80 4.47 0.00	67.22 2.78 0.00	64.44 2.81 0.00	61.36 2.52 0.00	51.99 2.24 0.00
FULTON COGEN____ 23766	50.36 -1.40 0.00	47.16 -1.36 0.00	47.32 -1.38 0.00	47.47 -1.37 0.00	48.35 -1.35 0.00	49.12 -1.36 0.00	114.08 -3.22 0.00	92.54 -2.52 0.00	88.57 -2.36 0.00	56.76 -1.68 0.00	50.24 -1.58 0.00	47.49 -1.53 0.00	51.26 -1.52 0.00	51.59 -1.54 0.00	49.72 -1.54 0.00	58.25 -1.78 0.00	95.02 -2.73 0.00	149.18 -3.93 0.00	199.21 -5.10 0.00	93.77 -2.56 0.00	62.72 -1.71 0.00	59.90 -1.73 0.00	57.22 -1.61 0.00	48.36 -1.38 0.00
FULTON___LFGE 323630	53.37 1.60 0.00	49.97 1.45 0.00	50.13 1.43 0.00	50.30 1.46 0.00	51.22 1.52 0.00	51.98 1.49 0.00	120.56 3.26 0.00	97.75 2.69 0.00	92.53 1.59 0.00	59.31 0.87 0.00	52.41 0.58 0.00	49.43 0.41 0.00	53.10 0.32 0.00	53.37 0.24 0.00	51.63 0.37 0.00	61.27 1.24 0.00	100.45 2.69 0.00	157.68 4.57 0.00	210.39 6.08 0.00	99.13 2.80 0.00	66.27 1.84 0.00	63.41 1.78 0.00	60.51 1.67 0.00	51.09 1.35 0.00
G.F.CEMENT___DRP 24184	55.32 3.56 0.00	51.90 3.39 0.00	52.21 3.51 0.00	52.30 3.47 0.00	53.15 3.45 0.00	54.48 3.99 0.00	126.82 9.53 0.00	102.82 7.76 0.00	97.34 6.41 0.00	61.47 3.04 0.00	54.16 2.34 0.00	51.03 2.01 0.00	54.99 2.21 0.00	55.34 2.21 0.00	54.29 3.04 0.00	64.40 4.37 0.00	105.64 7.89 0.00	165.92 12.81 0.00	220.97 16.66 0.00	103.35 7.02 0.00	69.23 4.80 0.00	66.00 4.37 0.00	62.93 4.09 0.00	52.98 3.24 0.00
GARDENVILLE___LBMP 24039	51.21 -0.56 0.00	47.46 -1.06 0.00	47.60 -1.11 0.00	47.71 -1.13 0.00	48.80 -0.90 0.00	49.52 -0.97 0.00	111.91 -5.39 0.00	91.01 -4.05 0.00	87.44 -3.49 0.00	56.50 -1.93 0.00	50.79 -1.04 0.00	48.75 -0.28 0.00	53.06 0.28 0.00	53.25 0.12 0.00	50.12 -1.14 0.00	57.82 -2.21 0.00	86.82 -4.33 6.61	146.86 -5.58 0.68	198.75 -5.56 0.00	92.38 -3.95 0.00	62.18 -2.25 0.00	59.21 -2.41 0.00	58.20 -0.64 0.00	49.76 0.02 0.00
GARDNVLA_35_KV_LD 355827	51.46 -0.31 0.00	47.71 -0.81 0.00	47.84 -0.86 0.00	47.96 -0.88 0.00	49.03 -0.67 0.00	49.79 -0.70 0.00	112.55 -4.75 0.00	91.58 -3.48 0.00	88.11 -2.82 0.00	56.94 -1.50 0.00	51.16 -0.66 0.00	49.13 0.11 0.00	53.45 0.67 0.00	53.62 0.50 0.00	50.51 -0.75 0.00	58.25 -1.78 0.00	88.17 -3.66 5.92	148.10 -4.40 0.61	200.19 -4.12 0.00	93.10 -3.23 0.00	62.64 -1.79 0.00	59.63 -2.00 0.00	58.54 -0.30 0.00	50.07 0.33 0.00
GELCKHM___115KV_LOAD 80723	51.04 -0.73 0.00	47.78 -0.73 0.00	47.97 -0.74 0.00	48.10 -0.73 0.00	48.98 -0.72 0.00	49.78 -0.71 0.00	115.51 -1.78 0.00	93.66 -1.40 0.00	89.59 -1.34 0.00	57.48 -0.95 0.00	50.96 -0.87 0.00	48.25 -0.77 0.00	52.01 -0.77 0.00	52.32 -0.81 0.00	50.40 -0.86 0.00	59.01 -1.02 0.00	96.19 -1.57 0.00	150.91 -2.20 0.00	201.66 -2.65 0.00	94.87 -1.46 0.00	63.47 -0.96 0.00	60.62 -1.01 0.00	57.96 -0.88 0.00	49.00 -0.74 0.00
GENERAL___MILLS 23808	51.30 -0.46 0.00	47.55 -0.97 0.00	47.69 -1.01 0.00	47.80 -1.04 0.00	48.89 -0.81 0.00	49.62 -0.87 0.00	112.13 -5.17 0.00	91.20 -3.86 0.00	87.74 -3.19 0.00	56.71 -1.73 0.00	50.96 -0.87 0.00	48.92 -0.10 0.00	53.23 0.45 0.00	53.42 0.29 0.00	50.30 -0.95 0.00	58.00 -2.03 0.00	87.64 -4.09 6.03	147.36 -5.14 0.62	199.35 -4.97 0.00	92.65 -3.68 0.00	62.34 -2.09 0.00	59.35 -2.27 0.00	58.32 -0.52 0.00	49.89 0.14 0.00
GE_PLASTICS___DRP 24183	52.31 0.54 0.00	49.19 0.67 0.00	49.40 0.70 0.00	49.52 0.68 0.00	50.35 0.64 0.00	51.14 0.66 0.00	118.95 1.66 0.00	96.45 1.39 0.00	92.14 1.21 0.00	58.97 0.54 0.00	52.15 0.32 0.00	49.25 0.23 0.00	52.93 0.15 0.00	53.33 0.21 0.00	51.79 0.53 0.00	60.88 0.85 0.00	99.27 1.51 0.00	155.32 2.20 0.00	207.03 2.72 0.00	97.95 1.62 0.00	65.51 1.08 0.00	62.73 1.10 0.00	59.70 0.86 0.00	50.41 0.67 0.00
GILBOA___1 23756	52.66 0.90 0.00	49.72 1.20 0.00	49.95 1.25 0.00	50.25 1.42 0.00	50.95 1.25 0.00	51.40 0.91 0.00	119.59 2.29 0.00	96.83 1.77 0.00	92.79 1.86 0.00	59.71 1.28 0.00	52.99 1.17 0.00	50.10 1.07 0.00	53.87 1.09 0.00	54.23 1.10 0.00	52.38 1.12 0.00	61.30 1.27 0.00	99.51 1.75 0.00	155.32 2.20 0.00	207.22 2.90 0.00	98.04 1.71 0.00	65.59 1.16 0.00	62.83 1.21 0.00	59.87 1.03 0.00	50.58 0.83 0.00
GILBOA___2 23757	52.66 0.90 0.00	49.72 1.20 0.00	49.95 1.25 0.00	50.25 1.42 0.00	50.95 1.25 0.00	51.40 0.91 0.00	119.59 2.29 0.00	96.83 1.77 0.00	92.79 1.86 0.00	59.71 1.28 0.00	52.99 1.17 0.00	50.10 1.07 0.00	53.87 1.09 0.00	54.23 1.10 0.00	52.38 1.12 0.00	61.30 1.27 0.00	99.51 1.75 0.00	155.32 2.20 0.00	207.22 2.90 0.00	98.04 1.71 0.00	65.59 1.16 0.00	62.83 1.21 0.00	59.87 1.03 0.00	50.58 0.83 0.00
GILBOA___3 23758	52.66 0.90 0.00	49.72 1.20 0.00	49.95 1.25 0.00	50.25 1.42 0.00	50.95 1.25 0.00	51.40 0.91 0.00	119.59 2.29 0.00	96.83 1.77 0.00	92.79 1.86 0.00	59.71 1.28 0.00	52.99 1.17 0.00	50.10 1.07 0.00	53.87 1.09 0.00	54.23 1.10 0.00	52.38 1.12 0.00	61.30 1.27 0.00	99.51 1.75 0.00	155.32 2.20 0.00	207.22 2.90 0.00	98.04 1.71 0.00	65.59 1.16 0.00	62.83 1.21 0.00	59.87 1.03 0.00	50.58 0.83 0.00
GILBOA___4 23759	52.66 0.90 0.00	49.72 1.20 0.00	49.95 1.25 0.00	50.25 1.42 0.00	50.95 1.25 0.00	51.40 0.91 0.00	119.59 2.29 0.00	96.83 1.77 0.00	92.79 1.86 0.00	59.71 1.28 0.00	52.99 1.17 0.00	50.10 1.07 0.00	53.87 1.09 0.00	54.23 1.10 0.00	52.38 1.12 0.00	61.30 1.27 0.00	99.51 1.75 0.00	155.32 2.20 0.00	207.22 2.90 0.00	98.04 1.71 0.00	65.59 1.16 0.00	62.83 1.21 0.00	59.87 1.03 0.00	50.58 0.83 0.00

GILBOA____ 23599	52.66 0.90 0.00	49.72 1.20 0.00	49.96 1.26 0.00	50.25 1.42 0.00	50.94 1.24 0.00	51.40 0.91 0.00	119.60 2.31 0.00	96.83 1.77 0.00	92.78 1.86 0.00	59.71 1.28 0.00	52.99 1.17 0.00	50.09 1.08 0.00	53.86 1.08 0.00	54.23 1.10 0.00	52.38 1.12 0.00	61.30 1.27 0.00	99.51 1.76 0.00	155.32 2.20 0.00	207.22 2.91 0.00	98.04 1.71 0.00	65.59 1.16 0.00	62.83 1.21 0.00	59.87 1.03 0.00	50.58 0.83 0.00
GINNA____ 23603	49.00 -2.76 0.00	45.33 -2.87 0.31	45.34 -2.90 0.45	45.25 -2.92 0.67	46.71 -2.77 0.22	47.72 -2.74 0.03	109.93 -7.32 0.04	87.39 -5.78 1.89	85.02 -5.41 0.50	54.90 -3.54 0.00	48.95 -2.88 0.00	46.69 -2.33 0.00	50.61 -2.17 0.00	50.91 -2.22 0.00	48.62 -2.64 0.00	56.51 -3.39 0.13	88.32 -5.78 3.65	142.93 -8.39 1.79	193.21 -10.16 0.94	89.79 -5.51 1.03	59.24 -3.63 1.55	56.77 -3.70 1.16	54.42 -2.88 1.53	46.69 -2.26 0.80
GLEN PARK____ 23778	52.82 1.06 0.00	49.14 0.62 0.00	49.12 0.42 0.00	49.21 0.37 0.00	50.26 0.56 0.00	51.16 0.67 0.00	119.29 1.99 0.00	97.23 2.17 0.00	92.06 1.13 0.00	57.92 -0.52 0.00	51.11 -0.72 0.00	48.21 -0.81 0.00	51.75 -1.03 0.00	51.78 -1.35 0.00	50.45 -0.81 0.00	59.72 -0.31 0.00	99.63 1.87 0.00	157.67 4.56 0.00	210.35 6.04 0.00	99.18 2.85 0.00	66.26 1.83 0.00	63.03 1.40 0.00	60.14 1.31 0.00	50.73 0.99 0.00
GLENDALE_27_KV_LOAD 356172	54.04 2.27 0.00	50.60 2.08 0.00	50.98 2.28 0.00	51.02 2.18 0.00	51.95 2.25 0.00	52.68 2.19 0.00	122.89 5.59 0.00	99.83 4.77 0.00	96.07 5.14 0.00	62.62 4.18 0.00	56.11 4.28 0.00	54.12 4.16 -0.94	57.01 4.23 0.00	57.59 4.25 -0.22	56.13 3.88 -1.00	63.85 3.82 0.00	103.41 5.66 0.00	161.84 8.72 0.00	215.60 11.29 0.00	101.47 5.14 0.00	67.61 3.18 0.00	64.75 3.12 0.00	61.56 2.72 0.00	52.09 2.34 0.00
GLENWOOD_IC_1_G5 23712	54.37 2.60 0.00	52.72 2.36 -1.85	51.45 2.43 -0.31	51.18 2.34 0.00	52.18 2.48 0.00	52.67 2.18 0.00	122.38 5.08 0.00	99.46 4.40 0.00	95.80 4.87 0.00	64.85 4.50 -1.91	57.02 4.41 -0.78	54.25 4.22 -1.01	57.05 4.22 -0.05	58.00 4.29 -0.58	55.38 3.84 -0.27	63.85 3.82 0.00	103.65 5.75 -0.14	162.27 9.16 0.00	216.25 11.94 0.00	101.97 5.64 0.00	67.92 3.49 0.00	64.98 3.36 0.00	61.82 2.98 0.00	52.31 2.57 0.00
GLENWOOD_IC_2_G1 23688	54.01 2.24 0.00	50.55 2.03 0.00	50.82 2.12 0.00	50.89 2.05 0.00	51.85 2.14 0.00	52.49 2.00 0.00	122.18 4.88 0.00	99.23 4.17 0.00	95.42 4.49 0.00	62.42 3.99 0.00	55.78 3.96 0.00	52.79 3.77 0.00	56.60 3.82 0.00	56.98 3.86 0.00	54.71 3.45 0.00	63.45 3.42 0.00	102.91 5.16 0.00	161.24 8.13 0.00	214.78 10.46 0.00	101.25 4.92 0.00	67.47 3.04 0.00	64.56 2.94 0.00	61.42 2.58 0.00	51.96 2.22 0.00
GLENWOOD_IC_3_G1 23689	54.01 2.24 0.00	50.55 2.03 0.00	50.82 2.12 0.00	50.89 2.05 0.00	51.85 2.14 0.00	52.49 2.00 0.00	122.18 4.88 0.00	99.23 4.17 0.00	95.42 4.49 0.00	62.42 3.99 0.00	55.78 3.96 0.00	52.79 3.77 0.00	56.60 3.82 0.00	56.98 3.86 0.00	54.71 3.45 0.00	63.45 3.42 0.00	102.91 5.16 0.00	161.24 8.13 0.00	214.78 10.46 0.00	101.25 4.92 0.00	67.47 3.04 0.00	64.56 2.94 0.00	61.42 2.58 0.00	51.96 2.22 0.00
GLENWOOD____4 23550	54.37 2.60 0.00	52.72 2.36 -1.85	51.45 2.43 -0.31	51.18 2.34 0.00	52.18 2.48 0.00	52.67 2.18 0.00	122.38 5.08 0.00	99.46 4.40 0.00	95.80 4.87 0.00	64.85 4.50 -1.91	57.02 4.41 -0.78	54.25 4.22 -1.01	57.05 4.22 -0.05	58.00 4.29 -0.58	55.38 3.84 -0.27	63.85 3.82 0.00	103.65 5.75 -0.14	162.27 9.16 0.00	216.25 11.94 0.00	101.97 5.64 0.00	67.92 3.49 0.00	64.98 3.36 0.00	61.82 2.98 0.00	52.31 2.57 0.00
GLENWOOD____5 23614	54.37 2.60 0.00	52.72 2.36 -1.85	51.45 2.43 -0.31	51.18 2.34 0.00	52.18 2.48 0.00	52.67 2.18 0.00	122.38 5.08 0.00	99.46 4.40 0.00	95.80 4.87 0.00	64.85 4.50 -1.91	57.02 4.41 -0.78	54.25 4.22 -1.01	57.05 4.22 -0.05	58.00 4.29 -0.58	55.38 3.84 -0.27	63.85 3.82 0.00	103.65 5.75 -0.14	162.27 9.16 0.00	216.25 11.94 0.00	101.97 5.64 0.00	67.92 3.49 0.00	64.98 3.36 0.00	61.82 2.98 0.00	52.31 2.57 0.00
GLOBAL GREEN_PORT_GT1 23814	56.94 5.18 0.01	49.98 4.63 3.17	52.76 4.59 0.54	53.44 4.61 0.01	54.76 5.06 0.01	54.93 4.45 0.01	139.92 9.29 -13.34	114.94 8.04 -11.84	107.15 8.70 -7.52	68.41 8.30 -1.67	60.14 7.87 -0.45	56.06 7.10 0.06	59.51 6.82 0.09	59.16 6.70 0.67	57.27 6.16 0.15	74.64 6.17 -8.43	123.03 9.89 -15.39	188.74 16.85 -18.78	243.58 22.51 -16.76	124.40 10.55 -17.52	81.83 6.54 -10.86	78.10 6.17 -10.30	73.65 5.88 -8.94	54.93 5.15 -0.03
GLOBE____DSASP 323697	49.77 -2.00 0.00	46.22 -2.30 0.00	46.36 -2.34 0.00	46.56 -2.28 0.00	47.49 -2.21 0.00	47.96 -2.53 0.00	108.15 -9.15 0.00	88.12 -6.94 0.00	84.86 -6.07 0.00	54.71 -3.72 0.00	49.22 -2.61 0.00	47.29 -1.73 0.00	51.50 -1.28 0.00	51.70 -1.42 0.00	48.79 -2.46 0.00	56.20 -3.83 0.00	85.07 -7.61 5.08	141.48 -11.11 0.52	192.15 -12.16 0.00	88.72 -7.61 0.00	60.09 -4.34 0.00	57.06 -4.57 0.00	56.71 -2.13 0.00	48.46 -1.29 0.00
GOETHSLN____LBMP 323567	53.60 1.84 0.00	50.15 1.64 0.00	50.46 1.76 0.00	50.53 1.70 0.00	51.45 1.74 0.00	52.26 1.77 0.00	122.08 4.78 0.00	99.04 3.98 0.00	95.17 4.24 0.00	62.07 3.63 0.00	55.53 3.70 0.00	53.50 3.53 -0.95	56.42 3.64 0.00	57.01 3.67 -0.22	55.57 3.30 -1.01	63.28 3.25 0.00	102.56 4.81 0.00	160.57 7.46 0.00	213.83 9.52 0.00	100.66 4.33 0.00	67.06 2.63 0.00	64.22 2.59 0.00	61.03 2.20 0.00	51.62 1.88 0.00
GOLAH____69_KV_TB 1_2 80279	52.04 0.27 0.00	48.36 -0.15 0.00	48.43 -0.27 0.00	48.58 -0.26 0.00	49.67 -0.03 0.00	50.49 0.00 0.00	115.54 -1.76 0.00	93.82 -1.24 0.00	89.87 -1.06 0.00	57.62 -0.81 0.00	51.38 -0.45 0.00	49.08 0.06 0.00	53.40 0.62 0.00	53.70 0.57 0.00	51.01 -0.25 0.00	59.23 -0.80 0.00	93.08 -1.54 3.14	151.53 -1.26 0.32	204.15 -0.16 0.00	95.20 -1.13 0.00	63.83 -0.60 0.00	60.82 -0.81 0.00	59.10 0.26 0.00	50.26 0.51 0.00
GOODYEAR_LAKE_HYD 323669	53.43 1.66 0.00	50.10 1.59 0.00	50.31 1.61 0.00	50.54 1.70 0.00	51.42 1.71 0.00	52.18 1.69 0.00	121.42 4.13 0.00	98.43 3.37 0.00	94.21 3.29 0.00	60.70 2.27 0.00	53.94 2.11 0.00	51.01 1.99 0.00	54.89 2.11 0.00	55.24 2.12 0.00	53.11 1.85 0.00	62.12 2.09 0.00	101.86 3.24 -0.87	158.27 5.07 -0.09	211.29 6.97 0.00	99.74 3.41 0.00	66.72 2.29 0.00	63.72 2.10 0.00	60.81 1.98 0.00	51.34 1.60 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	52.46 0.69 0.00	49.11 0.60 0.00	49.34 0.64 0.00	49.50 0.66 0.00	50.39 0.68 0.00	51.25 0.76 0.00	118.74 1.44 0.00	96.24 1.18 0.00	91.95 1.03 0.00	58.91 0.48 0.00	52.35 0.52 0.00	49.61 0.59 0.00	53.50 0.72 0.00	53.82 0.69 0.00	51.65 0.39 0.00	60.32 0.29 0.00	99.17 0.47 -0.96	154.31 1.10 -0.10	205.90 1.58 0.00	97.00 0.67 0.00	65.13 0.70 0.00	61.98 0.36 0.00	59.37 0.54 0.00	50.22 0.48 0.00

GOUDEY___7 23579	52.46 0.69 0.00	49.11 0.60 0.00	49.34 0.64 0.00	49.50 0.66 0.00	50.39 0.68 0.00	51.25 0.76 0.00	118.74 1.44 0.00	96.24 1.18 0.00	91.95 1.03 0.00	58.91 0.48 0.00	52.35 0.52 0.00	49.61 0.59 0.00	53.50 0.72 0.00	53.82 0.69 0.00	51.65 0.39 0.00	60.32 0.29 0.00	99.17 0.47 -0.96	154.31 1.10 -0.10	205.90 1.58 0.00	97.00 0.67 0.00	65.13 0.70 0.00	61.98 0.36 0.00	59.37 0.54 0.00	50.22 0.48 0.00
GOUDEY___8 23580	52.46 0.69 0.00	49.11 0.60 0.00	49.34 0.64 0.00	49.50 0.66 0.00	50.39 0.68 0.00	51.25 0.76 0.00	118.74 1.44 0.00	96.24 1.18 0.00	91.95 1.03 0.00	58.91 0.48 0.00	52.35 0.52 0.00	49.61 0.59 0.00	53.50 0.72 0.00	53.82 0.69 0.00	51.65 0.39 0.00	60.32 0.29 0.00	99.17 0.47 -0.96	154.31 1.10 -0.10	205.90 1.58 0.00	97.00 0.67 0.00	65.13 0.70 0.00	61.98 0.36 0.00	59.37 0.54 0.00	50.22 0.48 0.00
GOWANUS_GT1_1 24077	54.11 2.35 0.00	50.62 2.10 0.00	50.94 2.24 0.00	50.97 2.14 0.00	51.89 2.19 0.00	52.62 2.13 0.00	122.78 5.49 0.00	99.68 4.61 0.00	95.92 4.99 0.00	62.49 4.05 0.00	55.95 4.12 0.00	54.05 4.09 -0.94	56.79 4.02 0.00	57.46 4.11 -0.22	55.99 3.72 -1.01	63.62 3.59 0.00	103.06 5.31 0.00	161.29 8.18 0.00	214.82 10.50 0.00	101.16 4.83 0.00	67.41 2.98 0.00	64.59 2.96 0.00	61.46 2.62 0.00	52.02 2.28 0.00
GOWANUS_GT1_2 24078	54.11 2.35 0.00	50.62 2.10 0.00	50.94 2.24 0.00	50.97 2.14 0.00	51.89 2.19 0.00	52.62 2.13 0.00	122.78 5.49 0.00	99.68 4.61 0.00	95.92 4.99 0.00	62.49 4.05 0.00	55.95 4.12 0.00	54.05 4.09 -0.94	56.79 4.02 0.00	57.46 4.11 -0.22	55.99 3.72 -1.01	63.62 3.59 0.00	103.06 5.31 0.00	161.29 8.18 0.00	214.82 10.50 0.00	101.16 4.83 0.00	67.41 2.98 0.00	64.59 2.96 0.00	61.46 2.62 0.00	52.02 2.28 0.00
GOWANUS_GT1_3 24079	54.11 2.35 0.00	50.62 2.10 0.00	50.94 2.24 0.00	50.97 2.14 0.00	51.89 2.19 0.00	52.62 2.13 0.00	122.78 5.49 0.00	99.68 4.61 0.00	95.92 4.99 0.00	62.49 4.05 0.00	55.95 4.12 0.00	54.05 4.09 -0.94	56.79 4.02 0.00	57.46 4.11 -0.22	55.99 3.72 -1.01	63.62 3.59 0.00	103.06 5.31 0.00	161.29 8.18 0.00	214.82 10.50 0.00	101.16 4.83 0.00	67.41 2.98 0.00	64.59 2.96 0.00	61.46 2.62 0.00	52.02 2.28 0.00
GOWANUS_GT1_4 24080	54.11 2.35 0.00	50.62 2.10 0.00	50.94 2.24 0.00	50.97 2.14 0.00	51.89 2.19 0.00	52.62 2.13 0.00	122.78 5.49 0.00	99.68 4.61 0.00	95.92 4.99 0.00	62.49 4.05 0.00	55.95 4.12 0.00	54.05 4.09 -0.94	56.79 4.02 0.00	57.46 4.11 -0.22	55.99 3.72 -1.01	63.62 3.59 0.00	103.06 5.31 0.00	161.29 8.18 0.00	214.82 10.50 0.00	101.16 4.83 0.00	67.41 2.98 0.00	64.59 2.96 0.00	61.46 2.62 0.00	52.02 2.28 0.00
GOWANUS_GT1_5 24084	54.11 2.35 0.00	50.62 2.10 0.00	50.94 2.24 0.00	50.97 2.14 0.00	51.89 2.19 0.00	52.62 2.13 0.00	122.78 5.49 0.00	99.68 4.61 0.00	95.92 4.99 0.00	62.49 4.05 0.00	55.95 4.12 0.00	54.05 4.09 -0.94	56.79 4.02 0.00	57.46 4.11 -0.22	55.99 3.72 -1.01	63.62 3.59 0.00	103.06 5.31 0.00	161.29 8.18 0.00	214.82 10.50 0.00	101.16 4.83 0.00	67.41 2.98 0.00	64.59 2.96 0.00	61.46 2.62 0.00	52.02 2.28 0.00
GOWANUS_GT1_6 24111	54.11 2.35 0.00	50.62 2.10 0.00	50.94 2.24 0.00	50.97 2.14 0.00	51.89 2.19 0.00	52.62 2.13 0.00	122.78 5.49 0.00	99.68 4																

GOWANUS_GT2_6 24119	54.11	50.62	50.94	50.97	51.89	52.62	122.78	99.68	95.92	62.49	55.96	54.05	56.81	57.44	55.99	63.63	103.05	161.29	214.83	101.16	67.41	64.59	61.45	52.01
	2.34	2.10	2.23	2.14	2.19	2.13	5.48	4.62	4.99	4.05	4.14	4.08	4.03	4.09	3.72	3.59	5.29	8.18	10.52	4.83	2.98	2.96	2.61	2.26
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.95	0.00	-0.22	-1.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GOWANUS_GT2_7 24120	54.11	50.62	50.94	50.97	51.89	52.62	122.78	99.68	95.92	62.49	55.96	54.05	56.81	57.44	55.99	63.63	103.05	161.29	214.83	101.16	67.41	64.59	61.45	52.01
	2.34	2.10	2.23	2.14	2.19	2.13	5.48	4.62	4.99	4.05	4.14	4.08	4.03	4.09	3.72	3.59	5.29	8.18	10.52	4.83	2.98	2.96	2.61	2.26
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.95	0.00	-0.22	-1.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GOWANUS_GT2_8 24121	54.11	50.62	50.94	50.97	51.89	52.62	122.78	99.68	95.92	62.49	55.96	54.05	56.81	57.44	55.99	63.63	103.05	161.29	214.83	101.16	67.41	64.59	61.45	52.01
	2.34	2.10	2.23	2.14	2.19	2.13	5.48	4.62	4.99	4.05	4.14	4.08	4.03	4.09	3.72	3.59	5.29	8.18	10.52	4.83	2.98	2.96	2.61	2.26
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.95	0.00	-0.22	-1.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GOWANUS_GT3_1 24122	54.11	50.62	50.94	50.97	51.89	52.62	122.78	99.68	95.92	62.49	55.96	54.05	56.81	57.44	55.99	63.63	103.05	161.29	214.83	101.16	67.41	64.59	61.45	52.01
	2.34	2.10	2.23	2.14	2.19	2.13	5.48	4.62	4.99	4.05	4.14	4.08	4.03	4.09	3.72	3.59	5.29	8.18	10.52	4.83	2.98	2.96	2.61	2.26
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.95	0.00	-0.22	-1.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GOWANUS_GT3_2 24123	54.11	50.62	50.94	50.97	51.89	52.62	122.78	99.68	95.92	62.49	55.96	54.05	56.81	57.44	55.99	63.63	103.05	161.29	214.83	101.16	67.41	64.59	61.45	52.01
	2.34	2.10	2.23	2.14	2.19	2.13	5.48	4.62	4.99	4.05	4.14	4.08	4.03	4.09	3.72	3.59	5.29	8.18	10.52	4.83	2.98	2.96	2.61	2.26
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.95	0.00	-0.22	-1.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GOWANUS_GT3_3 24124	54.11	50.62	50.94	50.97	51.89	52.62	122.78	99.68	95.92	62.49	55.96	54.05	56.81	57.44	55.99	63.63	103.05	161.29	214.83	101.16	67.41	64.59	61.45	52.01
	2.34	2.10	2.23	2.14	2.19	2.13	5.48	4.62	4.99	4.05	4.14	4.08	4.03	4.09	3.72	3.59	5.29	8.18	10.52	4.83	2.98	2.96	2.61	2.26
	0.00	0.00	0.00	0.00</																				

GOWANUS_GT4_5 24134	54.11 2.35 0.00	50.62 2.10 0.00	50.94 2.24 0.00	50.97 2.14 0.00	51.89 2.19 0.00	52.62 2.13 0.00	122.78 5.49 0.00	99.68 4.61 0.00	95.92 4.99 0.00	62.49 4.05 0.00	55.95 4.12 0.00	54.05 4.09 -0.94	56.79 4.02 0.00	57.46 4.11 -0.22	55.99 3.72 -1.01	63.62 3.59 0.00	103.06 5.31 0.00	161.29 8.18 0.00	214.82 10.50 0.00	101.16 4.83 0.00	67.41 2.98 0.00	64.59 2.96 0.00	61.46 2.62 0.00	52.02 2.28 0.00
GOWANUS_GT4_6 24135	54.11 2.35 0.00	50.62 2.10 0.00	50.94 2.24 0.00	50.97 2.14 0.00	51.89 2.19 0.00	52.62 2.13 0.00	122.78 5.49 0.00	99.68 4.61 0.00	95.92 4.99 0.00	62.49 4.05 0.00	55.95 4.12 0.00	54.05 4.09 -0.94	56.79 4.02 0.00	57.46 4.11 -0.22	55.99 3.72 -1.01	63.62 3.59 0.00	103.06 5.31 0.00	161.29 8.18 0.00	214.82 10.50 0.00	101.16 4.83 0.00	67.41 2.98 0.00	64.59 2.96 0.00	61.46 2.62 0.00	52.02 2.28 0.00
GOWANUS_GT4_7 24136	54.11 2.35 0.00	50.62 2.10 0.00	50.94 2.24 0.00	50.97 2.14 0.00	51.89 2.19 0.00	52.62 2.13 0.00	122.78 5.49 0.00	99.68 4.61 0.00	95.92 4.99 0.00	62.49 4.05 0.00	55.95 4.12 0.00	54.05 4.09 -0.94	56.79 4.02 0.00	57.46 4.11 -0.22	55.99 3.72 -1.01	63.62 3.59 0.00	103.06 5.31 0.00	161.29 8.18 0.00	214.82 10.50 0.00	101.16 4.83 0.00	67.41 2.98 0.00	64.59 2.96 0.00	61.46 2.62 0.00	52.02 2.28 0.00
GOWANUS_GT4_8 24137	54.11 2.35 0.00	50.62 2.10 0.00	50.94 2.24 0.00	50.97 2.14 0.00	51.89 2.19 0.00	52.62 2.13 0.00	122.78 5.49 0.00	99.68 4.61 0.00	95.92 4.99 0.00	62.49 4.05 0.00	55.95 4.12 0.00	54.05 4.09 -0.94	56.79 4.02 0.00	57.46 4.11 -0.22	55.99 3.72 -1.01	63.62 3.59 0.00	103.06 5.31 0.00	161.29 8.18 0.00	214.82 10.50 0.00	101.16 4.83 0.00	67.41 2.98 0.00	64.59 2.96 0.00	61.46 2.62 0.00	52.02 2.28 0.00
GREATVR_69_KV_BK1 356245	55.85 4.09 0.01	49.48 3.50 2.53	51.89 3.62 0.43	52.38 3.55 0.00	53.57 3.87 0.01	53.54 3.05 0.00	133.57 6.38 -9.89	109.59 5.75 -8.77	102.75 6.25 -5.57	66.41 6.43 -1.55	58.25 6.07 -0.35	54.77 5.67 -0.09	58.32 5.61 0.07	58.24 5.62 0.51	56.30 5.14 0.09	71.46 5.18 -6.25	116.94 7.79 -11.39	179.66 12.64 -13.92	233.28 16.54 -12.42	117.78 8.46 -12.99	77.72 5.24 -8.05	74.23 4.97 -7.63	70.14 4.68 -6.63	53.74 3.96 -0.03
GREENBSH_115KV_TB3 55895	51.97 0.21 0.00	48.89 0.37 0.00	49.09 0.38 0.00	49.18 0.35 0.00	50.00 0.30 0.00	50.85 0.36 0.00	118.26 0.96 0.00	95.88 0.82 0.00	91.59 0.66 0.00	58.55 0.12 0.00	51.73 -0.10 0.00	48.84 -0.18 0.00	52.46 -0.32 0.00	52.88 -0.25 0.00	51.47 0.21 0.00	60.58 0.55 0.00	98.78 1.03 0.00	154.46 1.35 0.00	205.92 1.61 0.00	97.64 1.31 0.00	65.28 0.85 0.00	62.52 0.89 0.00	59.48 0.64 0.00	50.20 0.45 0.00
GREENDGE_115KV_TB5 80291	51.66 -0.11 0.00	48.44 -0.08 0.00	48.78 0.08 0.00	48.79 -0.05 0.00	49.67 -0.03 0.00	51.01 0.52 0.00	114.98 -2.32 0.00	93.65 -1.42 0.00	88.70 -2.23 0.00	57.52 -0.92 0.00	51.74 -0.09 0.00	49.37 0.35 0.00	53.17 0.39 0.00	53.50 0.37 0.00	50.72 -0.54 0.00	58.41 -1.62 0.00	77.56 -2.72 17.49	146.75 -4.57 1.79	198.21 -6.11 0.00	93.33 -3.01 0.00	63.08 -1.35 0.00	60.18 -1.44 0.00	58.27 -0.57 0.00	49.82 0.07 0.00
GREENIDGE___3 23582	51.66 -0.11 0.00	48.44 -0.08 0.00	48.78 0.08 0.00	48.79 -0.05 0.00	49.67 -0.03 0.00	51.01 0.52 0.00	114.98 -2.32 0.00	93.65 -1.42 0.00	88.70 -2.23 0.00	57.52 -0.92 0.00	51.74 -0.09 0.00	49.37 0.35 0.00	53.17 0.39 0.00	53.50 0.37 0.00	50.72 -0.54 0.00	58.41 -1.62 0.00	77.56 -2.72 17.49	146.75 -4.57 1.79	198.21 -6.11 0.00	93.33 -3.01 0.00	63.08 -1.35 0.00	60.18 -1.44 0.00	58.27 -0.57 0.00	49.82 0.07 0.00
GREENIDGE___4 23583	51.65 -0.11 0.00	49.27 -0.09 -0.84	50.02 0.09 -1.23	50.66 0.00 -1.82	50.34 0.03 -0.61	51.10 0.52 -0.09	115.11 -2.29 -0.10	98.74 -1.42 -5.09	90.04 -2.24 -1.35	57.51 -0.93 0.00	51.73 -0.10 0.00	49.35 0.33 0.00	53.15 0.37 0.00	53.48 0.35 0.00	50.72 -0.54 0.00	58.87 -1.61 -0.45	82.82 -2.70 12.24	152.30 -4.49 -3.69	201.59 -6.02 -3.30	96.91 -2.95 -3.53	67.68 -1.37 -4.62	64.21 -1.46 -4.04	63.62 -0.58 -5.36	52.61 0.07 -2.79
GREENLWN_69_KV_BK 3 55738	54.88 3.12 0.01	48.53 2.81 2.80	51.09 2.86 0.48	51.55 2.72 0.01	52.67 2.97 0.01	52.53 2.05 0.01	109.58 3.65 11.36	88.43 3.45 10.08	88.77 4.24 6.40	63.06 5.20 0.57	57.01 5.08 -0.10	53.87 4.82 -0.02	57.35 4.65 0.08	57.31 4.75 0.57	55.29 4.15 0.12	56.34 3.51 7.20	89.34 5.13 13.54	145.50 8.38 16.00	200.94 10.90 14.28	86.86 5.45 14.93	58.43 3.26 9.26	56.00 3.15 8.78	54.18 2.96 7.62	52.47 2.76 0.03
GREENWD_138_KV_38B11_REV_LBMP_J 345004	54.11 2.35 0.00	50.62 2.10 0.00	50.94 2.24 0.00	50.97 2.14 0.00	51.89 2.19 0.00	52.62 2.13 0.00	122.78 5.49 0.00	99.68 4.61 0.00	95.92 4.99 0.00	62.49 4.05 0.00	55.95 4.12 0.00	54.05 4.09 -0.94	56.79 4.02 0.00	57.46 4.11 -0.22	55.99 3.72 -1.01	63.62 3.59 0.00	103.06 5.31 0.00	161.29 8.18 0.00	214.82 10.50 0.00	101.16 4.83 0.00	67.41 2.98 0.00	64.59 2.96 0.00	61.46 2.62 0.00	52.02 2.28 0.00
GRISSOM___SOLAR 323813	53.58 1.82 0.00	50.19 1.68 0.00	50.36 1.66 0.00	50.51 1.67 0.00	51.43 1.72 0.00	52.23 1.74 0.00	121.30 4.00 0.00	98.25 3.19 0.00	92.82 1.89 0.00	59.34 0.90 0.00	52.29 0.46 0.00	49.28 0.26 0.00	52.96 0.18 0.00	53.21 0.08 0.00	51.56 0.30 0.00	61.45 1.42 0.00	101.08 3.32 0.00	158.64 5.52 0.00	211.59 7.28 0.00	99.69 3.36 0.00	66.66 2.22 0.00	63.73 2.11 0.00	60.81 1.97 0.00	51.34 1.60 0.00
GROVEVILLE___HYD 323602	54.11 2.35 0.00	50.66 2.15 0.00	50.92 2.22 0.00	51.04 2.20 0.00	51.94 2.24 0.00	52.81 2.32 0.00	123.27 5.98 0.00	100.06 5.00 0.00	95.94 5.01 0.00	62.19 3.75 0.00	55.39 3.56 0.00	52.34 3.32 0.00	56.16 3.38 0.00	56.55 3.42 0.00	54.48 3.22 0.00	63.52 3.49 0.00	103.29 5.54 0.00	161.86 8.75 0.00	215.67 11.36 0.00	101.65 5.31 0.00	67.80 3.37 0.00	64.86 3.24 0.00	61.66 2.82 0.00	52.06 2.31 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	51.40 -0.36 0.00	48.12 -0.39 0.00	48.32 -0.39 0.00	48.45 -0.38 0.00	49.30 -0.41 0.00	50.12 -0.37 0.00	116.37 -0.93 0.00	94.35 -0.71 0.00	90.18 -0.75 0.00	57.85 -0.59 0.00	51.24 -0.59 0.00	48.51 -0.51 0.00	52.31 -0.47 0.00	52.60 -0.52 0.00	50.68 -0.57 0.00	59.37 -0.66 0.00	96.81 -0.94 0.00	151.97 -1.14 0.00	203.01 -1.30 0.00	95.55 -0.78 0.00	63.91 -0.52 0.00	61.03 -0.60 0.00	58.32 -0.52 0.00	49.31 -0.43 0.00
HAMLTNNY_34_KV_TB 80303	51.60 -0.16 0.00	48.29 -0.23 0.00	48.46 -0.24 0.00	48.62 -0.22 0.00	49.50 -0.21 0.00	50.33 -0.15 0.00	116.75 -0.54 0.00	94.67 -0.39 0.00	90.45 -0.48 0.00	57.96 -0.47 0.00	51.27 -0.56 0.00	48.61 -0.41 0.00	52.47 -0.31 0.00	52.78 -0.35 0.00	50.85 -0.41 0.00	59.57 -0.46 0.00	97.07 -0.68 0.00	152.51 -0.60 0.00	203.74 -0.57 0.00	95.85 -0.47 0.00	64.11 -0.32 0.00	61.21 -0.42 0.00	58.56 -0.27 0.00	49.56 -0.19 0.00

HAMPSHIRE___PAPER_HYD 323593	53.33 1.57 0.00	49.32 0.81 0.00	49.11 0.40 0.00	49.05 0.21 0.00	50.14 0.44 0.00	51.10 0.61 0.00	118.35 1.05 0.00	95.81 0.74 0.00	91.59 0.66 0.00	58.74 0.30 0.00	52.38 0.56 0.00	49.58 0.56 0.00	53.62 0.84 0.00	53.98 0.85 0.00	51.89 0.63 0.00	60.22 0.19 0.00	97.52 -0.24 0.00	152.80 -0.31 0.00	203.88 -0.44 0.00	96.92 0.59 0.00	65.33 0.90 0.00	62.66 1.04 0.00	60.44 1.60 0.00	51.36 1.62 0.00
HARDSCRABBLE_WT_PWR 323673	54.81 3.05 0.00	51.44 2.93 0.00	51.69 2.98 0.00	51.79 2.95 0.00	52.72 3.01 0.00	53.76 3.28 0.00	125.13 7.83 0.00	100.85 5.78 0.00	94.90 3.98 0.00	60.28 1.85 0.00	52.99 1.17 0.00	49.85 0.83 0.00	53.59 0.81 0.00	53.91 0.78 0.00	52.33 1.07 0.00	62.48 2.45 0.00	103.62 5.86 0.00	163.11 10.00 0.00	217.83 13.52 0.00	102.64 6.31 0.00	68.58 4.15 0.00	65.78 4.15 0.00	62.68 3.84 0.00	52.80 3.05 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	53.88 2.11 0.00	50.41 1.89 0.00	50.66 1.96 0.00	50.79 1.95 0.00	51.68 1.97 0.00	52.55 2.07 0.00	122.77 5.48 0.00	99.53 4.47 0.00	95.50 4.57 0.00	61.99 3.56 0.00	55.25 3.42 0.00	52.27 3.25 0.00	56.12 3.34 0.00	56.50 3.37 0.00	54.31 3.06 0.00	63.24 3.22 0.00	102.87 5.11 0.00	161.10 7.99 0.00	214.61 10.30 0.00	101.11 4.78 0.00	67.42 2.99 0.00	64.51 2.88 0.00	61.34 2.50 0.00	51.79 2.05 0.00
HARSNRAD_115KV_TB1 81005	50.77 -0.99 0.00	46.99 -1.52 0.00	47.07 -1.64 0.00	47.16 -1.68 0.00	48.32 -1.38 0.00	48.85 -1.64 0.00	110.34 -6.96 0.00	89.65 -5.41 0.00	86.33 -4.60 0.00	55.68 -2.76 0.00	50.02 -1.81 0.00	48.04 -0.98 0.00	52.34 -0.44 0.00	52.52 -0.61 0.00	49.53 -1.72 0.00	57.12 -2.92 0.00	87.10 -5.65 5.00	144.85 -7.75 0.51	196.15 -8.17 0.00	91.03 -5.30 0.00	61.28 -3.15 0.00	58.37 -3.26 0.00	57.46 -1.37 0.00	49.22 -0.52 0.00
HARZA MOOSE___RIVER 24016	53.28 1.52 0.00	49.74 1.23 0.00	49.80 1.09 0.00	49.87 1.04 0.00	50.90 1.19 0.00	51.82 1.34 0.00	120.48 3.19 0.00	97.75 2.69 0.00	93.28 2.35 0.00	59.56 1.12 0.00	52.80 0.97 0.00	49.78 0.76 0.00	53.67 0.89 0.00	53.94 0.81 0.00	52.05 0.79 0.00	61.13 1.10 0.00	100.27 2.52 0.00	157.62 4.50 0.00	210.33 6.02 0.00	99.28 2.95 0.00	66.47 2.04 0.00	63.42 1.80 0.00	60.62 1.78 0.00	51.22 1.47 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	51.00 -0.76 0.00	47.75 -0.76 0.00	47.93 -0.77 0.00	48.09 -0.75 0.00	48.99 -0.72 0.00	49.78 -0.71 0.00	115.53 -1.76 0.00	93.73 -1.33 0.00	89.64 -1.29 0.00	57.52 -0.92 0.00	51.01 -0.82 0.00	48.28 -0.74 0.00	52.05 -0.73 0.00	52.32 -0.81 0.00	50.41 -0.85 0.00	59.05 -0.98 0.00	96.23 -1.52 0.00	151.02 -2.09 0.00	201.67 -2.65 0.00	94.90 -1.43 0.00	63.48 -0.95 0.00	60.62 -1.00 0.00	57.95 -0.89 0.00	48.98 -0.76 0.00
HELLGATE_13_KV_LD 55870	54.13 2.36 0.00	50.69 2.17 0.00	51.13 2.42 0.00	51.17 2.34 0.00	52.10 2.40 0.00	52.80 2.31 0.00	123.17 5.88 0.00	100.12 5.06 0.00	96.34 5.41 0.00	62.79 4.35 0.00	56.26 4.44 0.00	54.26 4.31 -0.94	57.15 4.37 0.00	57.74 4.40 -0.22	56.26 4.01 -1.00	64.00 3.97 0.00	103.62 5.86 0.00	162.27 9.16 0.00	216.04 11.73 0.00	101.70 5.37 0.00	67.77 3.34 0.00	64.91 3.29 0.00	61.72 2.88 0.00	52.21 2.47 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	54.13 2.36 0.00	50.69 2.17 0.00	51.13 2.42 0.00	51.17 2.34 0.00	52.10 2.40 0.00	52.80 2.31 0.00	123.17 5.88 0.00	100.12 5.06 0.00	96.34 5.41 0.00	62.79 4.35 0.00	56.26 4.44 0.00	54.26 4.31 -0.94	57.15 4.37 0.00	57.74 4.40 -0.22	56.26 4.01 -1.00	64.00 3.97 0.00	103.62 5.86 0.00	162.27 9.16 0.00	216.04 11.73 0.00	101.70 5.37 0.00	67.77 3.34 0.00	64.91 3.29 0.00	61.72 2.88 0.00	52.21 2.47 0.00
HEMPSTEAD____ 23647	54.48 2.71 0.00	52.96 2.46 -1.98	51.54 2.51 -0.33	51.23 2.39 0.00	52.29 2.58 0.00	52.48 1.99 0.00	121.50 4.20 0.00	98.86 3.79 0.00	95.35 4.43 0.00	65.28 4.71 -2.14	57.34 4.65 -0.87	54.58 4.44 -1.12	57.21 4.38 -0.05	58.21 4.45 -0.63	55.51 3.96 -0.30	63.99 3.96 0.00	103.76 5.85 -0.15	162.62 9.51 0.00	216.78 12.47 0.00	102.31 5.98 0.00	68.09 3.66 0.00	65.16 3.53 0.00	61.93 3.09 -0.01	52.46 2.71 -0.01
HICKLING___1 23621	50.96 -0.81 0.00	47.36 -1.16 0.00	47.61 -1.09 0.00	47.66 -1.18 0.00	48.60 -1.10 0.00	50.08 -0.40 0.00	113.45 -3.84 0.00	91.73 -3.33 0.00	87.29 -3.64 0.00	57.04 -1.39 0.00	51.20 -0.63 0.00	48.98 -0.04 0.00	53.16 0.38 0.00	53.37 0.25 0.00	50.29 -0.97 0.00	57.91 -2.12 0.00	79.44 -3.77 14.55	147.23 -4.39 1.49	198.44 -5.87 0.00	93.23 -3.10 0.00	62.56 -1.87 0.00	59.61 -2.01 0.00	57.87 -0.96 0.00	49.22 -0.53 0.00
HICKLING___2 23622	50.96 -0.81 0.00	47.36 -1.16 0.00	47.61 -1.09 0.00	47.66 -1.18 0.00	48.60 -1.10 0.00	50.08 -0.40 0.00	113.45 -3.84 0.00	91.73 -3.33 0.00	87.29 -3.64 0.00	57.04 -1.39 0.00	51.20 -0.63 0.00	48.98 -0.04 0.00	53.16 0.38 0.00	53.37 0.25 0.00	50.29 -0.97 0.00	57.91 -2.12 0.00	79.44 -3.77 14.55	147.23 -4.39 1.49	198.44 -5.87 0.00	93.23 -3.10 0.00	62.56 -1.87 0.00	59.61 -2.01 0.00	57.87 -0.96 0.00	49.22 -0.53 0.00
HIGH FALLS___HY 23754	54.37 2.61 0.00	50.89 2.37 0.00	51.12 2.42 0.00	51.27 2.43 0.00	52.17 2.47 0.00	53.03 2.54 0.00	123.91 6.61 0.00	100.60 5.54 0.00	96.64 5.70 0.00	62.62 4.19 0.00	55.53 3.71 0.00	52.34 3.32 0.00	56.10 3.32 0.00	56.21 3.09 0.00	54.14 2.89 0.00	63.22 3.19 0.00	103.05 5.30 0.00	161.65 8.54 0.00	215.52 11.20 0.00	101.54 5.21 0.00	67.78 3.35 0.00	65.13 3.50 0.00	61.92 3.09 0.00	52.27 2.53 0.00
HIGH_RIVER___SOLAR 323847	53.39 1.62 0.00	50.01 1.49 0.00	50.18 1.48 0.00	50.36 1.52 0.00	51.26 1.55 0.00	52.21 1.73 0.00	121.99 4.69 0.00	99.02 3.97 0.00	93.56 2.63 0.00	59.29 0.86 0.00	52.36 0.53 0.00	49.40 0.38 0.00	53.08 0.30 0.00	53.38 0.26 0.00	51.65 0.39 0.00	61.34 1.31 0.00	101.63 3.88 0.00	159.67 6.55 0.00	212.98 8.67 0.00	100.30 3.97 0.00	67.04 2.61 0.00	64.06 2.43 0.00	61.07 2.23 0.00	51.55 1.80 0.00
HILLBURN___GT 23639	53.64 1.88 0.00	50.17 1.65 0.00	50.44 1.74 0.00	50.55 1.72 0.00	51.45 1.75 0.00	52.32 1.83 0.00	122.26 4.96 0.00	99.10 4.04 0.00	95.09 4.16 0.00	61.84 3.41 0.00	55.18 3.35 0.00	52.24 3.22 0.00	56.09 3.31 0.00	56.49 3.36 0.00	54.23 2.97 0.00	63.01 2.98 0.00	102.39 4.63 0.00	160.25 7.14 0.00	213.42 9.10 0.00	100.54 4.21 0.00	67.03 2.60 0.00	64.16 2.53 0.00	61.02 2.18 0.00	51.55 1.80 0.00
HILLSIDE_115KV_TB1 80332	49.95 -1.81 0.00	46.42 -2.10 0.00	46.67 -2.04 0.00	46.70 -2.13 0.00	47.57 -2.14 0.00	49.09 -1.40 0.00	111.09 -6.20 0.00	89.74 -5.32 0.00	85.49 -5.44 0.00	56.19 -2.24 0.00	50.47 -1.36 0.00	48.29 -0.73 0.00	52.43 -0.35 0.00	52.63 -0.49 0.00	49.57 -1.68 0.00	56.89 -3.14 0.00	77.64 -5.72 14.39	144.33 -7.31 1.47	194.22 -10.09 0.00	91.38 -4.95 0.00	61.28 -3.15 0.00	58.42 -3.20 0.00	56.68 -2.16 0.00	48.20 -1.55 0.00

HISHELDN_WT_PWR 323625	51.10 -0.67 0.00	47.17 -1.13 0.21	47.25 -1.14 0.31	47.19 -1.19 0.46	48.56 -0.99 0.15	49.55 -0.92 0.02	112.05 -5.22 0.03	89.71 -4.07 1.29	86.76 -3.83 0.34	56.18 -2.26 0.00	50.51 -1.32 0.00	48.43 -0.59 0.00	52.67 -0.11 0.00	52.89 -0.24 0.00	49.78 -1.48 0.00	57.47 -2.50 0.06	84.94 -4.49 8.33	145.78 -5.84 1.49	197.67 -6.21 0.43	91.87 -3.97 0.49	61.19 -2.31 0.93	58.65 -2.45 0.53	57.34 -0.80 0.69	49.20 -0.19 0.36
HOLTSVILLE_IC_1 23690	55.15 3.39 0.01	48.33 3.02 3.21	51.21 3.05 0.54	51.75 2.92 0.01	52.91 3.21 0.01	52.82 2.33 0.01	135.56 4.17 -14.10	111.33 3.76 -12.52	103.47 4.59 -7.95	65.79 5.62 -1.73	57.86 5.58 -0.45	54.11 5.16 0.07	57.64 4.95 0.09	57.40 4.95 0.68	55.47 4.37 0.15	72.76 3.81 -8.92	119.64 5.61 -16.28	182.35 9.38 -19.85	234.28 12.25 -17.72	120.97 6.11 -18.52	79.63 3.71 -11.49	76.14 3.63 -10.89	71.75 3.46 -9.45	52.96 3.18 -0.04
HOLTSVILLE_IC_10 23699	55.41 3.65 0.01	48.69 3.23 3.05	51.45 3.26 0.52	51.96 3.13 0.01	53.13 3.44 0.01	53.06 2.57 0.01	133.51 4.73 -11.48	109.49 4.23 -10.19	102.46 5.06 -6.47	65.94 5.97 -1.54	58.18 5.89 -0.46	54.42 5.43 0.03	57.95 5.25 0.08	57.71 5.22 0.63	55.76 4.64 0.14	71.46 4.16 -7.26	117.17 6.19 -13.23	179.68 10.40 -16.17	232.32 13.58 -14.43	118.14 6.72 -15.09	77.91 4.12 -9.36	74.51 4.02 -8.87	70.37 3.83 -7.70	53.24 3.47 -0.03
HOLTSVILLE_IC_2 23691	55.15 3.39 0.01	48.33 3.02 3.21	51.21 3.05 0.54	51.75 2.92 0.01	52.91 3.21 0.01	52.82 2.33 0.01	135.56 4.17 -14.10	111.33 3.76 -12.52	103.47 4.59 -7.95	65.79 5.62 -1.73	57.86 5.58 -0.45	54.11 5.16 0.07	57.64 4.95 0.09	57.40 4.95 0.68	55.47 4.37 0.15	72.76 3.81 -8.92	119.64 5.61 -16.28	182.35 9.38 -19.85	234.28 12.25 -17.72	120.97 6.11 -18.52	79.63 3.71 -11.49	76.14 3.63 -10.89	71.75 3.46 -9.45	52.96 3.18 -0.04
HOLTSVILLE_IC_3 23692	55.15 3.39 0.01	48.33 3.02 3.21	51.21 3.05 0.54	51.75 2.92 0.01	52.91 3.21 0.01	52.82 2.33 0.01	135.56 4.17 -14.10	111.33 3.76 -12.52	103.47 4.59 -7.95	65.79 5.62 -1.73	57.86 5.58 -0.45	54.11 5.16 0.07	57.64 4.95 0.09	57.40 4.95 0.68	55.47 4.37 0.15	72.76 3.81 -8.92	119.64 5.61 -16.28	182.35 9.38 -19.85	234.28 12.25 -17.72	120.97 6.11 -18.52	79.63 3.71 -11.49	76.14 3.63 -10.89	71.75 3.46 -9.45	52.96 3.18 -0.04
HOLTSVILLE_IC_4 23693	55.15 3.39 0.01	48.33 3.02 3.21	51.21 3.05 0.54	51.75 2.92 0.01	52.91 3.21 0.01	52.82 2.33 0.01	135.56 4.17 -14.10	111.33 3.76 -12.52	103.47 4.59 -7.95	65.79 5.62 -1.73	57.86 5.58 -0.45	54.11 5.16 0.07	57.64 4.95 0.09	57.40 4.95 0.68	55.47 4.37 0.15	72.76 3.81 -8.92	119.64 5.61 -16.28	182.35 9.38 -19.85	234.28 12.25 -17.72	120.97 6.11 -18.52	79.63 3.71 -11.49	76.14 3.63 -10.89	71.75 3.46 -9.45	52.96 3.18 -0.04
HOLTSVILLE_IC_5 23694	55.15 3.39 0.01	48.33 3.02 3.21	51.21 3.05 0.54	51.75 2.92 0.01	52.91 3.21 0.01	52.82 2.33 0.01	135.56 4.17 -14.10	111.33 3.76 -12.52	103.47 4.59 -7.95	65.79 5.62 -1.73	57.86 5.58 -0.45	54.11 5.16 0.07	57.64 4.95 0.09	57.40 4.95 0.68	55.47 4.37 0.15	72.76 3.81 -8.92	119.64 5.61 -16.28	182.35 9.38 -19.85	234.28 12.25 -17.72	120.97 6.11 -18.52	79.63 3.71 -11.49	76.14 3.63 -10.89	71.75 3.46 -9.45	52.96 3.18 -0.04
HOLTSVILLE_IC_6 23695	55.41 3.65 0.01	48.69 3.23 3.05	51.45 3.26 0.52	51.96 3.13 0.01	53.13 3.44 0.01	53.06 2.57 0.01	133.51 4.73 -11.48	109.49 4.23 -10.19	102.46 5.06 -6.47	65.94 5.97 -1.54	58.18 5.89 -0.46	54.42 5.43 0.03	57.95 5.25 0.08	57.71 5.22 0.63	55.76 4.64 0.14	71.46 4.16 -7.26	117.17 6.19 -13.23	179.68 10.40 -16.17	232.32 13.58 -14.43	118.14 6.72 -15.09	77.91 4.12 -9.36	74.51 4.02 -8.87	70.37 3.83 -7.70	53.24 3.47 -0.03
HOLTSVILLE_IC_7 23696	55.41 3.65 0.01	48.69 3.23 3.05	51.45 3.26 0.52	51.96 3.13 0.01	53.13 3.44 0.01	53.06 2.57 0.01	133.51 4.73 -11.48	109.49 4.23 -10.19	102.46 5.06 -6.47	65.94 5.97 -1.54	58.18 5.89 -0.46	54.42 5.43 0.03	57.95 5.25 0.08	57.71 5.22 0.63	55.76 4.64 0.14	71.46 4.16 -7.26	117.17 6.19 -13.23	179.68 10.40 -16.17	232.32 13.58 -14.43	118.14 6.72 -15.09	77.91 4.12 -9.36	74.51 4.02 -8.87	70.37 3.83 -7.70	53.24 3.47 -0.03
HOLTSVILLE_IC_8 23697	55.41 3.65 0.01	48.69 3.23 3.05	51.45 3.26 0.52	51.96 3.13 0.01	53.13 3.44 0.01	53.06 2.57 0.01	133.51 4.73 -11.48	109.49 4.23 -10.19	102.46 5.06 -6.47	65.94 5.97 -1.54	58.18 5.89 -0.46	54.42 5.43 0.03	57.95 5.25 0.08	57.71 5.22 0.63	55.76 4.64 0.14	71.46 4.16 -7.26	117.17 6.19 -13.23	179.68 10.40 -16.17	232.32 13.58 -14.43	118.14 6.72 -15.09	77.91 4.12 -9.36	74.51 4.02 -8.87	70.37 3.83 -7.70	53.24 3.47 -0.03
HOLTSVILLE_IC_9 23698	55.41 3.65 0.01	48.69 3.23 3.05	51.45 3.26 0.52	51.96 3.13 0.01	53.13 3.44 0.01	53.06 2.57 0.01	133.51 4.73 -11.48	109.49 4.23 -10.19	102.46 5.06 -6.47	65.94 5.97 -1.54	58.18 5.89 -0.46	54.42 5.43 0.03	57.95 5.25 0.08	57.71 5.22 0.63	55.76 4.64 0.14	71.46 4.16 -7.26	117.17 6.19 -13.23	179.68 10.40 -16.17	232.32 13.58 -14.43	118.14 6.72 -15.09	77.91 4.12 -9.36	74.51 4.02 -8.87	70.37 3.83 -7.70	53.24 3.47 -0.03
HOMER_HL_115KV_TB2 355744	51.45 -0.32 0.00	47.76 -0.76 0.00	48.01 -0.69 0.00	48.17 -0.67 0.00	49.12 -0.58 0.00	50.10 -0.38 0.00	113.43 -3.87 0.00	92.13 -2.93 0.00	88.19 -2.74 0.00	57.46 -0.98 0.00	51.79 -0.04 0.00	49.69 0.67 0.00	54.15 1.37 0.00	54.49 1.36 0.00	50.99 -0.27 0.00	58.33 -1.70 0.00	86.56 -3.57 7.62	147.97 -4.36 0.78	199.95 -4.36 0.00	93.32 -3.02 0.00	62.89 -1.54 0.00	59.80 -1.83 0.00	58.70 -0.14 0.00	50.06 0.31 0.00
HOWARD_WT_PWR 323690	52.11 0.34 0.00	48.83 -0.06 -0.37	49.26 0.01 -0.55	49.60 -0.04 -0.81	50.11 0.13 -0.27	51.15 0.62 -0.04	116.09 -1.26 -0.05	96.41 -0.90 -2.25	89.90 -1.63 -0.59	57.46 -0.97 0.00	51.55 -0.27 0.00	49.33 0.31 0.00	53.52 0.74 0.00	53.70 0.58 0.00	50.41 -0.85 0.00	58.65 -1.61 -0.23	84.88 -2.21 10.66	152.76 -1.73 -1.38	204.32 -1.64 -1.65	96.85 -1.23 -1.75	66.03 -0.55 -2.15	62.89 -0.75 -2.02	61.93 0.41 -2.68	51.72 0.58 -1.39
HQ_GEN_CEDARS 23644	54.09 2.33 0.00	49.67 1.16 0.00	49.31 0.61 0.00	49.10 0.27 0.00	50.43 0.72 0.00	51.70 1.22 0.00	119.29 1.99 0.00	96.12 1.06 0.00	92.23 1.30 0.00	59.85 1.41 0.00	53.45 1.62 0.00	50.87 1.85 0.00	55.23 2.46 0.00	55.77 2.64 0.00	53.21 1.95 0.00	61.35 1.32 0.00	98.49 0.74 0.00	153.67 0.56 0.00	204.95 0.64 0.00	98.36 2.03 0.00	66.28 1.85 0.00	63.47 1.85 0.00	61.50 2.66 0.00	52.38 2.64 0.00
HQ_GEN_CEDARS_PROXY 323590	54.09 2.33 0.00	49.67 1.16 0.00	49.30 0.60 0.00	49.13 0.29 0.00	48.90 0.72 1.53	51.59 1.21 0.11	119.34 1.99 -0.05	96.13 1.06 0.00	92.23 1.30 0.00	59.85 1.41 0.00	53.45 1.62 0.00	50.87 1.85 0.00	55.23 2.46 0.00	55.77 2.64 0.00	53.21 1.95 0.00	61.35 1.32 0.00	98.44 0.68 0.00	153.67 0.55 0.00	205.00 0.68 0.00	98.18 1.85 0.00	66.27 1.85 0.00	63.47 1.85 0.00	61.50 2.66 0.00	52.38 2.64 0.00

HQ_GEN_IMPORT 323601	51.77 0.00 0.00	48.52 0.00 0.00	48.70 0.00 0.00	48.84 0.00 0.00	49.70 0.00 0.00	53.54 0.00 -3.05	117.30 0.00 0.00	95.06 0.00 0.00	90.93 0.00 0.00	58.44 0.00 0.00	51.83 0.00 0.00	49.02 0.00 0.00	52.72 0.00 0.06	53.13 0.00 0.00	51.26 0.00 0.00	59.39 0.00 0.64	97.76 0.00 0.00	153.11 0.00 0.00	192.61 0.00 11.70	96.33 0.00 0.00	64.43 0.00 0.00	61.62 0.00 0.00	58.84 0.00 0.00	50.36 0.00 -0.61
HQ_GEN_WHEEL 23651	51.77 0.00 0.00	48.52 0.00 0.00	48.70 0.00 0.00	48.84 0.00 0.00	49.70 0.00 0.00	53.54 0.00 -3.05	117.30 0.00 0.00	95.06 0.00 0.00	90.93 0.00 0.00	58.44 0.00 0.00	51.83 0.00 0.00	49.02 0.00 0.00	52.72 0.00 0.06	53.13 0.00 0.00	51.26 0.00 0.00	59.39 0.00 0.64	97.76 0.00 0.00	153.11 0.00 0.00	192.61 0.00 11.70	96.33 0.00 0.00	64.43 0.00 0.00	61.62 0.00 0.00	58.84 0.00 0.00	50.36 0.00 -0.61
HUDSON AVE_GT_3 23810	53.91 2.14 0.00	50.43 1.92 0.00	50.75 2.05 0.00	50.82 1.98 0.00	51.73 2.02 0.00	52.55 2.06 0.00	122.72 5.42 0.00	99.64 4.59 0.00	95.79 4.86 0.00	62.46 4.02 0.00	55.87 4.04 0.00	53.84 3.87 -0.95	56.76 3.98 0.00	57.36 4.01 -0.22	55.90 3.63 -1.01	63.68 3.65 0.00	103.19 5.44 0.00	161.60 8.49 0.00	215.09 10.78 0.00	101.30 4.97 0.00	67.49 3.06 0.00	64.62 2.99 0.00	61.43 2.59 0.00	51.93 2.18 0.00
HUDSON AVE_GT_4 23540	53.91 2.14 0.00	50.43 1.92 0.00	50.75 2.05 0.00	50.82 1.98 0.00	51.73 2.02 0.00	52.55 2.06 0.00	122.72 5.42 0.00	99.64 4.59 0.00	95.79 4.86 0.00	62.46 4.02 0.00	55.87 4.04 0.00	53.84 3.87 -0.95	56.76 3.98 0.00	57.36 4.01 -0.22	55.90 3.63 -1.01	63.68 3.65 0.00	103.19 5.44 0.00	161.60 8.49 0.00	215.09 10.78 0.00	101.30 4.97 0.00	67.49 3.06 0.00	64.62 2.99 0.00	61.43 2.59 0.00	51.93 2.18 0.00
HUDSON AVE_GT_5 23657	53.91 2.14 0.00	50.43 1.92 0.00	50.75 2.05 0.00	50.82 1.98 0.00	51.73 2.02 0.00	52.55 2.06 0.00	122.72 5.42 0.00	99.64 4.59 0.00	95.79 4.86 0.00	62.46 4.02 0.00	55.87 4.04 0.00	53.84 3.87 -0.95	56.76 3.98 0.00	57.36 4.01 -0.22	55.90 3.63 -1.01	63.68 3.65 0.00	103.19 5.44 0.00	161.60 8.49 0.00	215.09 10.78 0.00	101.30 4.97 0.00	67.49 3.06 0.00	64.62 2.99 0.00	61.43 2.59 0.00	51.93 2.18 0.00
HUDSON_AVE_10 24168	53.63 1.86 0.00	50.18 1.67 0.00	50.51 1.81 0.00	50.57 1.73 0.00	51.47 1.77 0.00	52.28 1.80 0.00	122.10 4.81 0.00	99.18 4.12 0.00	95.38 4.46 0.00	62.18 3.74 0.00	55.62 3.79 0.00	53.61 3.64 -0.95	56.54 3.76 0.00	57.12 3.77 -0.22	55.67 3.40 -1.01	63.43 3.40 0.00	102.80 5.05 0.00	161.00 7.89 0.00	214.43 10.12 0.00	100.93 4.60 0.00	67.26 2.83 0.00	64.39 2.77 0.00	61.18 2.34 0.00	51.72 1.98 0.00
HUDSON___115KV_TB 4 355613	54.53 2.77 0.00	51.28 2.76 0.00	51.48 2.78 0.00	51.61 2.77 0.00	52.48 2.78 0.00	53.49 3.00 0.00	124.87 7.57 0.00	101.56 6.50 0.00	96.02 5.09 0.00	60.19 1.75 0.00	52.81 0.98 0.00	49.73 0.71 0.00	53.35 0.57 0.00	53.81 0.68 0.00	52.41 1.16 0.00	62.55 2.52 0.00	103.67 5.92 0.00	163.58 10.46 0.00	218.15 13.83 0.00	103.11 6.79 0.00	68.97 4.54 0.00	65.82 4.19 0.00	62.56 3.72 0.00	52.66 2.92 0.00
HUNTER MOUNT___DRP 323613	54.33 2.57 0.00	51.09 2.57 0.00	51.30 2.60 0.00	51.42 2.59 0.00	52.31 2.60 0.00	53.31 2.83 0.00	124.42 7.13 0.00	101.25 6.18 0.00	95.77 4.84 0.00	60.03 1.60 0.00	52.60 0.78 0.00	49.53 0.51 0.00	53.14 0.36 0.00	53.61 0.49 0.00	52.27 1.02 0.00	62.38 2.35 0.00	103.34 5.59 0.00	162.95 9.84 0.00	217.29 12.98 0.00	102.73 6.40 0.00	68.71 4.28 0.00	65.58 3.96 0.00	62.32 3.48 0.00	52.46 2.72 0.00
HUNTINGTON_RES_REC 323705	55.05 3.29 0.01	48.48 2.96 2.99	51.17 2.98 0.51	51.74 2.91 0.01	52.90 3.20 0.01	52.78 2.29 0.01	118.46 4.10 2.93	96.21 3.75 2.60	93.87 4.59 1.65	64.28 5.60 -0.25	58.15 5.56 -0.77	54.17 5.17 0.02	57.66 4.96 0.08	57.50 4.99 0.62	55.48 4.36 0.14	61.94 3.77 1.86	99.65 5.57 3.67	158.25 9.27 4.13	212.70 12.08 3.68	98.56 6.08 3.85	65.74 3.70 2.39	62.95 3.59 2.26	60.25 3.38 1.97	52.84 3.11 0.01
HUNTLEY___63 23557	50.99 -0.77 0.00	47.25 -1.26 0.00	47.37 -1.34 0.00	47.50 -1.33 0.00	48.56 -1.14 0.00	49.12 -1.36 0.00	111.02 -6.28 0.00	90.34 -4.72 0.00	86.99 -3.94 0.00	56.12 -2.31 0.00	50.45 -1.38 0.00	48.47 -0.55 0.00	52.75 -0.03 0.00	52.96 -0.16 0.00	49.93 -1.33 0.00	57.55 -2.48 0.00	87.38 -5.05 5.33	145.77 -6.80 0.55	197.52 -6.80 0.00	91.52 -4.81 0.00	61.75 -2.68 0.00	58.69 -2.93 0.00	57.97 -0.87 0.00	49.54 -0.21 0.00
HUNTLEY___64 23558	50.99 -0.77 0.00	47.25 -1.26 0.00	47.37 -1.34 0.00	47.50 -1.33 0.00	48.56 -1.14 0.00	49.12 -1.36 0.00	111.02 -6.28 0.00	90.34 -4.72 0.00	86.99 -3.94 0.00	56.12 -2.31 0.00	50.45 -1.38 0.00	48.47 -0.55 0.00	52.75 -0.03 0.00	52.96 -0.16 0.00	49.93 -1.33 0.00	57.55 -2.48 0.00	87.38 -5.05 5.33	145.77 -6.80 0.55	197.52 -6.80 0.00	91.52 -4.81 0.00	61.75 -2.68 0.00	58.69 -2.93 0.00	57.97 -0.87 0.00	49.54 -0.21 0.00
HUNTLEY___65 23559	50.99 -0.77 0.00	47.25 -1.26 0.00	47.37 -1.34 0.00	47.50 -1.33 0.00	48.56 -1.14 0.00	49.12 -1.36 0.00	111.02 -6.28 0.00	90.34 -4.72 0.00	86.99 -3.94 0.00	56.12 -2.31 0.00	50.45 -1.38 0.00	48.47 -0.55 0.00	52.75 -0.03 0.00	52.96 -0.16 0.00	49.93 -1.33 0.00	57.55 -2.48 0.00	87.38 -5.05 5.33	145.77 -6.80 0.55	197.52 -6.80 0.00	91.52 -4.81 0.00	61.75 -2.68 0.00	58.69 -2.93 0.00	57.97 -0.87 0.00	49.54 -0.21 0.00
HUNTLEY___66 23560	50.99 -0.77 0.00	47.25 -1.26 0.00	47.37 -1.34 0.00	47.50 -1.33 0.00	48.56 -1.14 0.00	49.12 -1.36 0.00	111.02 -6.28 0.00	90.34 -4.72 0.00	86.99 -3.94 0.00	56.12 -2.31 0.00	50.45 -1.38 0.00	48.47 -0.55 0.00	52.75 -0.03 0.00	52.96 -0.16 0.00	49.93 -1.33 0.00	57.55 -2.48 0.00	87.38 -5.05 5.33	145.77 -6.80 0.55	197.52 -6.80 0.00	91.52 -4.81 0.00	61.75 -2.68 0.00	58.69 -2.93 0.00	57.97 -0.87 0.00	49.54 -0.21 0.00
HUNTLEY___67 23561	50.68 -1.08 0.00	46.98 -1.54 0.00	47.11 -1.60 0.00	47.23 -1.60 0.00	48.31 -1.39 0.00	48.94 -1.55 0.00	110.57 -6.73 0.00	89.84 -5.22 0.00	86.53 -4.40 0.00	55.93 -2.51 0.00	50.26 -1.57 0.00	48.27 -0.75 0.00	52.54 -0.24 0.00	52.75 -0.38 0.00	49.71 -1.55 0.00	57.29 -2.74 0.00	86.90 -5.46 5.40	145.12 -7.44 0.55	196.52 -7.79 0.00	91.22 -5.11 0.00	61.44 -2.99 0.00	58.50 -3.13 0.00	57.59 -1.25 0.00	49.29 -0.46 0.00
HUNTLEY___68 23562	50.68 -1.08 0.00	46.98 -1.54 0.00	47.11 -1.60 0.00	47.23 -1.60 0.00	48.31 -1.39 0.00	48.94 -1.55 0.00	110.57 -6.73 0.00	89.84 -5.22 0.00	86.53 -4.40 0.00	55.93 -2.51 0.00	50.26 -1.57 0.00	48.27 -0.75 0.00	52.54 -0.24 0.00	52.75 -0.38 0.00	49.71 -1.55 0.00	57.29 -2.74 0.00	86.90 -5.46 5.40	145.12 -7.44 0.55	196.52 -7.79 0.00	91.22 -5.11 0.00	61.44 -2.99 0.00	58.50 -3.13 0.00	57.59 -1.25 0.00	49.29 -0.46 0.00

HYLAND___LFGE 323620	54.08 2.32 0.00	50.29 1.65 -0.12	50.56 1.67 -0.18	50.80 1.69 -0.27	51.87 2.08 -0.09	53.00 2.50 -0.01	121.59 4.28 -0.02	99.63 3.82 -0.75	93.69 2.56 -0.20	58.42 -0.02 0.00	52.26 0.43 0.00	49.92 0.90 0.00	54.07 1.30 0.00	54.19 1.07 0.00	49.98 -1.28 0.00	57.99 -2.13 -0.10	89.89 -0.84 7.03	154.82 1.38 -0.33	208.43 3.42 -0.70	98.06 1.00 -0.73	66.10 0.87 -0.80	64.28 1.80 -0.85	63.16 3.19 -1.13	53.20 2.86 -0.59
INDECK___CORINTH 23802	55.18 3.42 0.00	51.77 3.25 0.00	52.06 3.36 0.00	52.16 3.32 0.00	53.03 3.32 0.00	54.29 3.81 0.00	126.43 9.13 0.00	102.53 7.47 0.00	97.14 6.21 0.00	61.43 3.00 0.00	54.16 2.34 0.00	51.02 2.00 0.00	54.97 2.20 0.00	55.28 2.15 0.00	54.14 2.88 0.00	64.17 4.14 0.00	105.22 7.46 0.00	165.20 12.09 0.00	220.09 15.77 0.00	103.06 6.73 0.00	69.04 4.61 0.00	65.83 4.21 0.00	62.75 3.92 0.00	52.86 3.11 0.00
INDECK___ILION 23567	53.52 1.76 0.00	50.21 1.69 0.00	50.41 1.70 0.00	50.53 1.70 0.00	51.44 1.73 0.00	52.37 1.88 0.00	121.81 4.51 0.00	98.45 3.39 0.00	93.31 2.38 0.00	59.59 1.15 0.00	52.59 0.77 0.00	49.59 0.57 0.00	53.35 0.57 0.00	53.68 0.55 0.00	51.98 0.72 0.00	61.54 1.51 0.00	101.22 3.46 0.00	159.00 5.88 0.00	212.20 7.89 0.00	100.02 3.69 0.00	66.86 2.43 0.00	64.04 2.42 0.00	61.06 2.23 0.00	51.50 1.76 0.00
INDECK___OLEAN 23982	51.44 -0.33 0.00	46.66 -0.79 1.08	46.44 -0.68 1.57	45.81 -0.69 2.33	48.34 -0.59 0.78	50.00 -0.38 0.11	113.27 -3.89 0.14	85.49 -2.94 6.63	86.45 -2.73 1.75	57.46 -0.98 0.00	51.75 -0.08 0.00	49.65 0.63 0.00	54.10 1.32 0.00	54.47 1.34 0.00	50.97 -0.29 0.00	57.88 -1.69 0.46	81.21 -3.54 13.00	142.37 -4.35 6.39	196.64 -4.29 3.38	89.70 -2.94 3.69	57.43 -1.52 5.49	55.66 -1.82 4.14	53.21 -0.13 5.50	47.20 0.31 2.86
INDECK___OSWEGO 23783	50.32 -1.44 0.00	47.11 -1.40 0.00	47.28 -1.42 0.00	47.42 -1.41 0.00	48.30 -1.40 0.00	49.07 -1.41 0.00	113.91 -3.38 0.00	92.42 -2.64 0.00	88.36 -2.57 0.00	56.61 -1.83 0.00	50.14 -1.69 0.00	47.44 -1.58 0.00	51.13 -1.65 0.00	51.43 -1.70 0.00	49.59 -1.67 0.00	58.13 -1.90 0.00	94.85 -2.90 0.00	148.91 -4.20 0.00	198.83 -5.48 0.00	93.65 -2.68 0.00	62.61 -1.82 0.00	59.81 -1.81 0.00	57.15 -1.69 0.00	48.30 -1.45 0.00
INDECK___YERKES 23781	51.03 -0.73 0.00	46.52 -1.25 0.74	46.33 -1.28 1.09	45.90 -1.32 1.62	48.06 -1.11 0.54	49.10 -1.31 0.08	110.98 -6.22 0.09	85.87 -4.65 4.54	85.88 -3.85 1.20	56.17 -2.26 0.00	50.46 -1.37 0.00	48.47 -0.55 0.00	52.75 -0.03 0.00	53.01 -0.11 0.00	49.96 -1.30 0.00	57.28 -2.43 0.32	83.84 -4.93 8.98	142.18 -6.58 4.36	195.52 -6.49 2.30	89.19 -4.63 2.51	58.11 -2.57 3.74	55.93 -2.87 2.82	54.30 -0.80 3.74	47.64 -0.16 1.94
INDIAN POINT_GT_1 24139	53.56 1.80 0.00	50.13 1.61 0.00	50.41 1.71 0.00	50.51 1.67 0.00	51.42 1.71 0.00	52.24 1.76 0.00	121.94 4.65 0.00	98.90 3.84 0.00	94.93 4.00 0.00	61.74 3.30 0.00	55.10 3.27 0.00	52.15 3.13 0.00	55.97 3.19 0.00	56.36 3.23 0.00	54.17 2.91 0.00	62.95 2.92 0.00	102.23 4.47 0.00	160.05 6.93 0.00	213.21 8.89 0.00	100.44 4.11 0.00	66.97 2.54 0.00	64.10 2.48 0.00	60.96 2.12 0.00	51.51 1.76 0.00
INDIAN POINT_GT_2 23659	53.56 1.80 0.00	50.13 1.61 0.00	50.41 1.71 0.00	50.51 1.67 0.00	51.42 1.71 0.00	52.24 1.76 0.00	121.94 4.65 0.00	98.90 3.84 0.00	94.93 4.00 0.00	61.74 3.30 0.00	55.10 3.27 0.00	52.15 3.13 0.00	55.97 3.19 0.00	56.36 3.23 0.00	54.17 2.91 0.00	62.95 2.92 0.00	102.23 4.47 0.00	160.05 6.93 0.00	213.21 8.89 0.00	100.44 4.11 0.00	66.97 2.54 0.00	64.10 2.48 0.00	60.96 2.12 0.00	51.51 1.76 0.00
INDIAN POINT_GT_3 24019	53.56 1.80 0.00	50.13 1.61 0.00	50.41 1.71 0.00	50.51 1.67 0.00	51.42 1.71 0.00	52.24 1.76 0.00	121.94 4.65 0.00	98.90 3.84 0.00	94.93 4.00 0.00	61.74 3.30 0.00	55.10 3.27 0.00	52.15 3.13 0.00	55.97 3.19 0.00	56.36 3.23 0.00	54.17 2.91 0.00	62.95 2.92 0.00	102.23 4.47 0.00	160.05 6.93 0.00	213.21 8.89 0.00	100.44 4.11 0.00	66.97 2.54 0.00	64.10 2.48 0.00	60.96 2.12 0.00	51.51 1.76 0.00
INDIAN POINT___2 23530	53.54 1.78 0.00	50.10 1.58 0.00	50.37 1.67 0.00	50.48 1.65 0.00	51.37 1.67 0.00	52.22 1.73 0.00	121.92 4.62 0.00	98.86 3.80 0.00	94.86 3.93 0.00	61.72 3.28 0.00	55.08 3.25 0.00	52.13 3.11 0.00	55.97 3.19 0.00	56.33 3.21 0.00	54.12 2.87 0.00	62.90 2.87 0.00	102.13 4.37 0.00	159.90 6.78 0.00	213.00 8.69 0.00	100.35 4.02 0.00	66.90 2.47 0.00	64.04 2.41 0.00	60.89 2.06 0.00	51.48 1.73 0.00
INDIAN POINT___3 23531	53.54 1.78 0.00	50.11 1.59 0.00	50.39 1.69 0.00	50.49 1.66 0.00	51.38 1.68 0.00	52.22 1.73 0.00	121.86 4.57 0.00	98.86 3.80 0.00	94.87 3.95 0.00	61.70 3.27 0.00	55.05 3.22 0.00	52.10 3.08 0.00	55.92 3.14 0.00	56.31 3.19 0.00	54.12 2.86 0.00	62.91 2.88 0.00	102.13 4.38 0.00	159.90 6.79 0.00	213.00 8.69 0.00	100.34 4.01 0.00	66.91 2.48 0.00	64.06 2.44 0.00	60.91 2.07 0.00	51.49 1.74 0.00
INGHAM_C_115KV_TB7 356103	55.56 3.79 0.00	52.18 3.66 0.00	52.43 3.73 0.00	52.53 3.69 0.00	53.47 3.76 0.00	54.57 4.08 0.00	127.03 9.73 0.00	102.28 7.21 0.00	95.83 4.90 0.00	60.64 2.20 0.00	53.18 1.35 0.00	49.98 0.96 0.00	53.74 0.96 0.00	54.03 0.90 0.00	52.54 1.29 0.00	63.09 3.06 0.00	105.14 7.38 0.00	165.68 12.57 0.00	221.29 16.98 0.00	104.19 7.86 0.00	69.63 5.20 0.00	66.80 5.18 0.00	63.64 4.80 0.00	53.55 3.81 0.00
IP CORINTH___1 23988	55.18 3.42 0.00	51.77 3.25 0.00	52.06 3.36 0.00	52.17 3.33 0.00	53.03 3.32 0.00	54.29 3.81 0.00	126.43 9.13 0.00	102.53 7.47 0.00	97.14 6.21 0.00	61.43 3.00 0.00	54.16 2.34 0.00	51.03 2.00 0.00	54.97 2.19 0.00	55.28 2.15 0.00	54.14 2.88 0.00	64.17 4.13 0.00	105.20 7.44 0.00	165.19 12.08 0.00	220.08 15.77 0.00	103.06 6.73 0.00	69.05 4.62 0.00	65.83 4.21 0.00	62.75 3.92 0.00	52.86 3.11 0.00
IP___TICONDEROGA 23804	57.80 6.03 0.00	54.10 5.58 0.00	54.56 5.86 0.00	54.56 5.72 0.00	55.31 5.60 0.00	57.36 6.87 0.00	133.24 15.94 0.00	107.60 12.53 0.00	100.72 9.79 0.00	62.86 4.42 0.00	55.72 3.90 0.00	52.40 3.38 0.00	56.37 3.59 0.00	57.09 3.97 0.00	56.88 5.62 0.00	67.62 7.59 0.00	111.50 13.74 0.00	175.90 22.79 0.00	233.34 29.02 0.00	107.72 11.39 0.00	72.15 7.71 0.00	68.59 6.97 0.00	65.67 6.83 0.00	55.16 5.41 0.00
ISLIP_RES_REC 323679	55.56 3.80 0.01	48.94 3.36 2.94	51.61 3.40 0.50	52.10 3.27 0.01	53.28 3.59 0.01	53.22 2.74 0.01	133.61 5.17 -11.14	109.58 4.63 -9.89	102.68 5.47 -6.28	66.20 6.22 -1.54	58.38 6.12 -0.44	54.63 5.62 0.01	58.16 5.46 0.08	57.96 5.43 0.61	55.99 4.86 0.13	71.53 4.45 -7.04	117.29 6.70 -12.83	179.97 11.17 -15.68	232.91 14.60 -14.00	118.16 7.20 -14.63	77.96 4.46 -9.07	74.53 4.30 -8.60	70.39 4.09 -7.47	53.42 3.65 -0.03

JAMAICA__27_KV_LOAD 355505	53.76 1.99 0.00	50.29 1.78 0.00	50.68 1.98 0.00	50.73 1.90 0.00	51.56 1.86 0.00	52.35 1.86 0.00	122.26 4.96 0.00	99.45 4.39 0.00	95.86 4.94 0.00	62.45 4.01 0.00	55.86 4.03 0.00	53.91 3.94 -0.95	57.00 4.22 0.00	57.51 4.17 -0.22	56.03 3.76 -1.01	63.93 3.90 0.00	103.62 5.87 0.00	162.49 9.38 0.00	216.53 12.22 0.00	101.93 5.61 0.00	67.91 3.48 0.00	65.00 3.38 0.00	61.69 2.85 0.00	52.16 2.41 0.00
JANIS__SOLAR 323808	54.22 2.45 0.00	51.07 2.20 -0.36	51.44 2.22 -0.53	51.86 2.25 -0.78	52.37 2.41 -0.26	53.29 2.76 -0.04	124.01 6.67 -0.05	102.92 5.67 -2.19	95.61 4.10 -0.58	60.14 1.71 0.00	52.94 1.11 0.00	49.86 0.84 0.00	53.57 0.80 0.00	53.96 0.83 0.00	52.02 0.76 0.00	61.77 1.57 -0.17	111.08 4.19 -9.14	163.81 7.92 -2.78	216.47 10.93 -1.23	102.65 4.99 -1.33	69.69 3.39 -1.88	66.11 2.98 -1.51	63.79 2.95 -2.00	53.16 2.37 -1.04
JARVIS____ 23743	51.98 0.22 0.00	48.72 0.21 0.00	48.90 0.20 0.00	49.03 0.20 0.00	49.90 0.20 0.00	50.73 0.24 0.00	117.87 0.57 0.00	95.44 0.38 0.00	91.22 0.29 0.00	58.61 0.17 0.00	51.98 0.15 0.00	49.11 0.09 0.00	52.87 0.09 0.00	53.23 0.11 0.00	51.41 0.15 0.00	60.27 0.24 0.00	98.23 0.48 0.00	153.73 0.62 0.00	205.13 0.82 0.00	96.72 0.39 0.00	64.70 0.27 0.00	61.90 0.28 0.00	59.08 0.24 0.00	49.98 0.24 0.00
JENNISON____1 23625	54.31 2.54 0.00	50.86 2.34 0.00	51.09 2.39 0.00	51.20 2.37 0.00	52.23 2.52 0.00	53.49 3.00 0.00	124.55 7.26 0.00	101.20 6.14 0.00	96.14 5.21 0.00	61.35 2.91 0.00	54.12 2.29 0.00	51.11 2.09 0.00	54.85 2.07 0.00	55.12 2.00 0.00	53.01 1.76 0.00	62.59 2.56 0.00	105.09 4.71 -2.63	161.12 7.74 -0.27	214.68 10.37 0.00	101.23 4.90 0.00	67.92 3.49 0.00	64.71 3.08 0.00	61.93 3.09 0.00	52.18 2.44 0.00
JENNISON____2 23626	54.31 2.54 0.00	50.86 2.34 0.00	51.09 2.39 0.00	51.20 2.37 0.00	52.23 2.52 0.00	53.49 3.00 0.00	124.55 7.26 0.00	101.20 6.14 0.00	96.14 5.21 0.00	61.35 2.91 0.00	54.12 2.29 0.00	51.11 2.09 0.00	54.85 2.07 0.00	55.12 2.00 0.00	53.01 1.76 0.00	62.59 2.56 0.00	105.09 4.71 -2.63	161.12 7.74 -0.27	214.68 10.37 0.00	101.23 4.90 0.00	67.92 3.49 0.00	64.71 3.08 0.00	61.93 3.09 0.00	52.18 2.44 0.00
JERICOHO_RISE_WT_PWR 323719	53.73 1.96 0.00	49.33 0.81 0.00	48.86 0.15 0.00	48.64 -0.20 0.00	49.95 0.24 0.00	51.18 0.69 0.00	117.93 0.63 0.00	95.14 0.08 0.00	91.36 0.43 0.00	59.40 0.96 0.00	53.03 1.20 0.00	50.41 1.39 0.00	54.71 1.93 0.00	55.19 2.06 0.00	52.67 1.41 0.00	60.68 0.65 0.00	97.44 -0.32 0.00	152.67 -0.44 0.00	204.02 -0.29 0.00	97.64 1.31 0.00	65.88 1.45 0.00	63.15 1.52 0.00	61.12 2.28 0.00	51.97 2.23 0.00
KATONAH__115KV_46KV_TB4 355592	53.85 2.08 0.00	50.41 1.89 0.00	50.70 1.99 0.00	50.79 1.95 0.00	51.69 1.99 0.00	52.55 2.07 0.00	122.63 5.33 0.00	99.51 4.45 0.00	95.53 4.61 0.00	62.09 3.65 0.00	55.39 3.56 0.00	52.40 3.38 0.00	56.21 3.43 0.00	56.60 3.47 0.00	54.44 3.18 0.00	63.32 3.28 0.00	102.87 5.11 0.00	161.12 8.01 0.00	214.66 10.35 0.00	101.20 4.87 0.00	67.43 3.00 0.00	64.54 2.91 0.00	61.36 2.52 0.00	51.83 2.09 0.00
KCE_NY_1 323755	54.25 2.48 0.00	50.90 2.38 0.00	51.15 2.45 0.00	51.28 2.45 0.00	52.16 2.45 0.00	53.23 2.74 0.00	123.99 6.69 0.00	100.48 5.42 0.00	95.46 4.53 0.00	60.63 2.19 0.00	53.40 1.58 0.00	50.36 1.34 0.00	54.33 1.55 0.00	54.61 1.48 0.00	53.35 2.09 0.00	63.17 3.14 0.00	103.40 5.64 0.00	161.97 8.86 0.00	215.94 11.63 0.00	101.37 5.04 0.00	67.80 3.37 0.00	64.77 3.15 0.00	61.67 2.84 0.00	51.98 2.24 0.00
KCE_NY_6_ESR 323823	51.32 -0.44 0.00	46.73 -0.96 0.83	46.53 -0.96 1.22	45.99 -1.04 1.80	48.31 -0.79 0.60	49.55 -0.85 0.09	112.04 -5.15 0.10	86.23 -3.77 5.06	86.47 -3.12 1.34	56.77 -1.67 0.00	50.93 -0.89 0.00	48.90 -0.12 0.00	53.17 0.39 0.00	53.43 0.30 0.00	50.29 -0.96 0.00	57.70 -1.97 0.35	83.67 -3.99 10.10	143.34 -4.91 4.87	196.93 -4.81 2.56	90.02 -3.51 2.80	58.23 -2.02 4.18	56.25 -2.23 3.14	54.19 -0.49 4.17	47.78 0.18 2.15
KEDC_PORT_JEFF_GT2 24210	55.25 3.49 0.01	48.52 3.11 3.11	51.31 3.13 0.53	51.83 3.00 0.01	53.00 3.30 0.01	52.87 2.38 0.01	132.29 4.07 -10.93	108.19 3.43 -9.70	101.52 4.43 -6.16	65.66 5.75 -1.47	58.05 5.74 -0.48	54.27 5.30 0.05	57.79 5.10 0.09	57.56 5.08 0.65	55.56 4.45 0.14	70.75 3.81 -6.91	115.64 5.32 -12.57	177.54 9.04 -15.39	229.88 11.84 -13.73	116.57 5.88 -14.36	76.96 3.62 -8.90	73.76 3.69 -8.44	69.72 3.56 -7.32	53.07 3.29 -0.03
KEDC_PORT_JEFF_GT3 24211	55.25 3.49 0.01	48.52 3.11 3.11	51.31 3.13 0.53	51.83 3.00 0.01	53.00 3.30 0.01	52.87 2.38 0.01	132.29 4.07 -10.93	108.19 3.43 -9.70	101.52 4.43 -6.16	65.66 5.75 -1.47	58.05 5.74 -0.48	54.27 5.30 0.05	57.79 5.10 0.09	57.56 5.08 0.65	55.56 4.45 0.14	70.75 3.81 -6.91	115.64 5.32 -12.57	177.54 9.04 -15.39	229.88 11.84 -13.73	116.57 5.88 -14.36	76.96 3.62 -8.90	73.76 3.69 -8.44	69.72 3.56 -7.32	53.07 3.29 -0.03
KEDC_GLWD_GT4 24219	54.37 2.60 0.00	52.72 2.36 -1.85	51.44 2.43 -0.31	51.18 2.34 0.00	52.18 2.47 0.00	52.66 2.18 0.00	122.36 5.07 0.00	99.46 4.40 0.00	95.78 4.85 0.00	64.85 4.50 -1.91	57.05 4.44 -0.78	54.26 4.24 -1.01	57.09 4.26 -0.05	58.01 4.30 -0.58	55.38 3.85 -0.27	63.86 3.82 0.00	103.65 5.75 -0.14	162.28 9.17 0.00	216.24 11.93 0.00	101.97 5.64 0.00	67.91 3.48 0.00	64.98 3.35 0.00	61.81 2.97 0.00	52.31 2.56 0.00
KEDC_GLWD_GT5 24220	54.37 2.60 0.00	52.72 2.36 -1.85	51.44 2.43 -0.31	51.18 2.34 0.00	52.18 2.47 0.00	52.66 2.18 0.00	122.36 5.07 0.00	99.46 4.40 0.00	95.78 4.85 0.00	64.85 4.50 -1.91	57.05 4.44 -0.78	54.26 4.24 -1.01	57.09 4.26 -0.05	58.01 4.30 -0.58	55.38 3.85 -0.27	63.86 3.82 0.00	103.65 5.75 -0.14	162.28 9.17 0.00	216.24 11.93 0.00	101.97 5.64 0.00	67.91 3.48 0.00	64.98 3.35 0.00	61.81 2.97 0.00	52.31 2.56 0.00
KENSICO____ 23655	53.67 1.90 0.00	50.23 1.71 0.00	50.52 1.82 0.00	50.62 1.78 0.00	51.53 1.83 0.00	52.35 1.86 0.00	122.13 4.83 0.00	99.10 4.04 0.00	95.15 4.22 0.00	61.92 3.48 0.00	55.28 3.45 0.00	52.32 3.30 0.00	56.15 3.37 0.00	56.53 3.40 0.00	54.34 3.08 0.00	63.15 3.12 0.00	102.51 4.76 0.00	160.50 7.39 0.00	213.82 9.50 0.00	100.72 4.39 0.00	67.15 2.72 0.00	64.27 2.64 0.00	61.12 2.29 0.00	51.65 1.90 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	54.35 2.58 0.00	50.88 2.36 0.00	51.12 2.41 0.00	51.25 2.41 0.00	52.16 2.45 0.00	53.02 2.53 0.00	123.84 6.55 0.00	100.55 5.49 0.00	96.49 5.56 0.00	62.44 4.00 0.00	55.33 3.51 0.00	52.14 3.12 0.00	55.85 3.07 0.00	55.87 2.75 0.00	53.87 2.61 0.00	63.01 2.98 0.00	102.82 5.06 0.00	161.34 8.23 0.00	215.08 10.76 0.00	101.38 5.05 0.00	67.68 3.25 0.00	65.12 3.50 0.00	61.92 3.09 0.00	52.26 2.51 0.00

KIAC_JFK_GT1 23816	53.45 1.69 0.00	50.01 1.50 0.00	50.41 1.71 0.00	50.46 1.62 0.00	51.22 1.51 0.00	51.82 1.34 0.00	121.06 3.76 0.00	98.43 3.36 0.00	95.23 4.30 0.00	62.04 3.60 0.00	55.49 3.67 0.00	53.52 3.55 -0.95	56.62 3.84 0.00	57.13 3.79 -0.22	55.67 3.41 -1.01	63.52 3.49 0.00	102.94 5.18 0.00	161.34 8.22 0.00	215.07 10.75 0.00	101.24 4.91 0.00	67.44 3.01 0.00	64.57 2.94 0.00	61.30 2.47 0.00	51.84 2.10 0.00
KIAC_JFK_GT2 23817	53.45 1.69 0.00	50.01 1.50 0.00	50.41 1.71 0.00	50.46 1.62 0.00	51.22 1.51 0.00	51.82 1.34 0.00	121.06 3.76 0.00	98.43 3.36 0.00	95.23 4.30 0.00	62.04 3.60 0.00	55.49 3.67 0.00	53.52 3.55 -0.95	56.62 3.84 0.00	57.13 3.79 -0.22	55.67 3.41 -1.01	63.52 3.49 0.00	102.94 5.18 0.00	161.34 8.22 0.00	215.07 10.75 0.00	101.24 4.91 0.00	67.44 3.01 0.00	64.57 2.94 0.00	61.30 2.47 0.00	51.84 2.10 0.00
KIAC_JFK____ 323774	53.45 1.68 0.00	50.01 1.50 0.00	50.40 1.70 0.00	50.46 1.62 0.00	51.22 1.51 0.00	51.82 1.34 0.00	121.05 3.75 0.00	98.43 3.36 0.00	95.23 4.30 0.00	62.04 3.60 0.00	55.51 3.68 0.00	53.53 3.56 -0.95	56.63 3.85 0.00	57.16 3.81 -0.22	55.67 3.40 -1.01	63.51 3.48 0.00	102.95 5.19 0.00	161.33 8.22 0.00	214.98 10.67 0.00	101.23 4.90 0.00	67.43 3.00 0.00	64.57 2.94 0.00	61.29 2.45 0.00	51.84 2.09 0.00
KINTIGH__24_KV_GSU 356498	50.55 -1.21 0.00	46.31 -1.60 0.61	46.19 -1.61 0.90	45.87 -1.64 1.33	47.84 -1.42 0.44	48.85 -1.57 0.06	111.08 -6.14 0.08	86.47 -4.85 3.73	85.76 -4.19 0.99	56.00 -2.43 0.00	50.20 -1.62 0.00	48.12 -0.90 0.00	52.31 -0.47 0.00	52.59 -0.53 0.00	49.78 -1.47 0.00	57.24 -2.53 0.26	85.67 -5.02 7.06	142.57 -6.97 3.57	194.93 -7.48 1.90	89.53 -4.72 2.08	58.51 -2.84 3.09	56.36 -2.94 2.33	54.40 -1.34 3.09	47.47 -0.67 1.61
KINTIGH____ 23543	50.54 -1.23 0.00	46.91 -1.61 0.00	47.05 -1.66 0.00	47.17 -1.66 0.00	48.25 -1.45 0.00	48.87 -1.61 0.00	111.08 -6.22 0.00	90.16 -4.90 0.00	86.70 -4.23 0.00	55.97 -2.47 0.00	50.21 -1.62 0.00	48.12 -0.90 0.00	52.32 -0.46 0.00	52.58 -0.55 0.00	49.75 -1.51 0.00	57.47 -2.56 4.04	88.61 -5.11 0.41	145.59 -7.11 0.00	196.67 -7.64 0.00	91.47 -4.86 0.00	61.52 -2.91 0.00	58.65 -2.97 0.00	57.43 -1.41 0.00	49.05 -0.70 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	54.35 2.58 0.00	49.87 1.35 0.00	49.36 0.65 0.00	49.04 0.20 0.00	50.35 0.64 0.00	51.59 1.11 0.00	118.68 1.38 0.00	95.83 0.77 0.00	91.93 1.00 0.00	59.66 1.23 0.00	53.21 1.38 0.00	50.61 1.59 0.00	54.91 2.13 0.00	55.39 2.26 0.00	52.84 1.59 0.00	60.96 0.93 0.00	98.35 0.60 0.00	154.19 1.08 0.00	205.96 1.64 0.00	98.63 2.30 0.00	66.42 1.99 0.00	63.74 2.11 0.00	61.68 2.84 0.00	52.42 2.68 0.00
LACHUTE____HYDRO 323717	57.79 6.03 0.00	54.10 5.58 0.00	54.56 5.86 0.00	54.56 5.72 0.00	55.31 5.60 0.00	57.36 6.87 0.00	133.24 15.94 0.00	107.60 12.54 0.00	100.73 9.79 0.00	62.86 4.42 0.00	55.72 3.90 0.00	52.41 3.38 0.00	56.37 3.60 0.00	57.09 3.96 0.00	56.88 5.62 0.00	67.62 7.59 0.00	111.50 13.75 0.00	175.91 22.79 0.00	233.33 29.02 0.00	107.73 11.40 0.00	72.13 7.71 0.00	68.59 6.97 0.00	65.67 6.83 0.00	55.16 5.42 0.00
LAWRNCV_115KV_TB1 80681	54.09 2.32 0.00	49.69 1.18 0.00	49.33 0.63 0.00	49.13 0.30 0.00	50.36 0.66 0.00	51.61 1.13 0.00	119.14 1.84 0.00	95.97 0.90 0.00	92.01 1.08 0.00	59.58 1.15 0.00	53.19 1.36 0.00	50.55 1.53 0.00	54.84 2.06 0.00	55.35 2.23 0.00	52.87 1.62 0.00	60.80 0.77 0.00	97.55 -0.20 0.00	152.12 -0.99 0.00	202.83 -1.48 0.00	97.26 0.93 0.00	65.67 1.24 0.00	63.02 1.40 0.00	61.21 2.37 0.00	52.24 2.50 0.00
LEDERLE____ 23769	53.83 2.06 0.00	50.36 1.84 0.00	50.62 1.92 0.00	50.75 1.91 0.00	51.63 1.93 0.00	52.51 2.02 0.00	122.69 5.39 0.00	99.48 4.42 0.00	95.49 4.56 0.00	62.11 3.68 0.00	55.40 3.57 0.00	52.45 3.43 0.00	56.32 3.54 0.00	56.72 3.60 0.00	54.47 3.21 0.00	63.30 3.27 0.00	102.82 5.06 0.00	161.00 7.89 0.00	214.42 10.11 0.00	101.00 4.67 0.00	67.35 2.92 0.00	64.44 2.81 0.00	61.26 2.42 0.00	51.75 2.01 0.00
LIGHTHSE_115KV_TB6 355974	51.07 -0.70 0.00	47.72 -0.80 0.00	47.83 -0.87 0.00	47.95 -0.89 0.00	48.90 -0.80 0.00	49.71 -0.77 0.00	115.55 -1.75 0.00	93.83 -1.23 0.00	89.48 -1.45 0.00	57.01 -1.42 0.00	50.43 -1.39 0.00	47.67 -1.35 0.00	51.31 -1.47 0.00	51.54 -1.59 0.00	49.85 -1.41 0.00	58.59 -1.44 0.00	96.29 -1.46 0.00	151.53 -1.58 0.00	202.25 -2.06 0.00	95.31 -1.02 0.00	63.72 -0.71 0.00	60.77 -0.86 0.00	58.04 -0.80 0.00	49.03 -0.71 0.00
LINDEN COGEN____ 23786	53.57 1.81 0.00	50.13 1.61 0.00	50.45 1.75 0.00	50.53 1.69 0.00	51.43 1.72 0.00	52.24 1.75 0.00	122.05 4.76 0.00	99.02 3.96 0.00	95.15 4.22 0.00	62.06 3.62 0.00	55.51 3.68 0.00	53.49 3.52 -0.95	56.40 3.62 0.00	57.01 3.65 -0.22	55.53 3.27 -1.01	63.23 3.20 0.00	102.55 4.79 0.00	160.47 7.36 0.00	213.74 9.43 0.00	100.61 4.28 0.00	67.04 2.61 0.00	64.20 2.57 0.00	60.99 2.16 0.00	51.58 1.84 0.00
LINDHRST_69_KV_BK1 356055	55.55 3.79 0.00	51.28 3.35 0.58	52.01 3.40 0.10	52.11 3.27 0.00	53.24 3.54 0.00	53.27 2.78 0.00	125.73 5.72 -2.72	102.67 5.20 -2.41	98.32 5.86 -1.53	66.07 6.07 -1.56	58.10 5.75 -0.52	55.01 5.44 -0.55	58.12 5.36 0.02	58.55 5.43 0.01	56.29 4.95 -0.08	66.53 4.78 -1.72	108.05 7.15 -3.14	168.63 11.70 -3.82	223.12 15.39 -3.41	107.59 7.69 -3.57	71.40 4.76 -2.21	68.27 4.54 -2.10	64.89 4.23 -1.82	53.38 3.63 -0.01
LIPA_MISC_IPP 23656	55.43 3.68 0.01	48.58 3.24 3.18	51.45 3.28 0.54	51.99 3.16 0.01	53.18 3.48 0.01	53.13 2.64 0.01	135.74 4.89 -13.55	111.47 4.38 -12.03	103.77 5.20 -7.64	66.15 6.03 -1.69	58.10 5.83 -0.45	54.31 5.36 0.07	57.82 5.12 0.09	57.54 5.08 0.67	55.68 4.57 0.15	72.75 4.15 -8.57	119.66 6.26 -15.64	182.79 10.60 -19.08	235.24 13.90 -17.03	121.01 6.87 -17.81	79.68 4.20 -11.04	76.15 4.06 -10.47	71.83 3.91 -9.08	53.29 3.51 -0.03
LISF____SOLAR 323691	55.52 3.76 0.01	48.71 3.34 3.15	51.52 3.35 0.53	52.07 3.24 0.01	53.24 3.55 0.01	53.21 2.73 0.01	135.47 5.08 -13.09	111.24 4.55 -11.62	103.66 5.36 -7.38	66.25 6.16 -1.65	58.30 6.03 -0.45	54.45 5.48 0.06	57.94 5.25 0.09	57.64 5.18 0.66	55.75 4.64 0.15	72.56 4.25 -8.28	119.33 6.47 -15.10	182.47 10.92 -18.43	235.26 14.50 -16.45	120.62 7.09 -17.20	79.44 4.34 -10.66	75.92 4.19 -10.11	71.62 4.01 -8.77	53.41 3.63 -0.03
LITTLE FALLS____HYD 24013	55.56 3.79 0.00	52.18 3.66 0.00	52.43 3.73 0.00	52.53 3.69 0.00	53.47 3.76 0.00	54.57 4.08 0.00	127.03 9.73 0.00	102.28 7.21 0.00	95.83 4.90 0.00	60.64 2.20 0.00	53.18 1.35 0.00	49.98 0.96 0.00	53.74 0.96 0.00	54.03 0.90 0.00	52.54 1.29 0.00	63.09 3.06 0.00	105.14 7.38 0.00	165.68 12.57 0.00	221.29 16.98 0.00	104.19 7.86 0.00	69.63 5.20 0.00	66.80 5.18 0.00	63.64 4.80 0.00	53.55 3.81 0.00

LITTLRIV_115KV_TB1 356100	54.69 2.92 0.00	50.22 1.71 0.00	49.87 1.17 0.00	49.66 0.83 0.00	50.93 1.23 0.00	52.25 1.77 0.00	120.63 3.33 0.00	97.22 2.16 0.00	93.09 2.16 0.00	60.28 1.84 0.00	53.79 1.96 0.00	51.08 2.06 0.00	55.41 2.63 0.00	56.00 2.88 0.00	53.53 2.28 0.00	61.48 1.45 0.00	98.72 0.96 0.00	153.96 0.84 0.00	205.31 1.00 0.00	98.46 2.13 0.00	66.45 2.02 0.00	63.72 2.09 0.00	61.84 3.01 0.00	52.88 3.13 0.00
LI_NEWBRDGE___DRP 323616	54.60 2.85 0.01	47.07 2.60 4.04	50.66 2.64 0.68	51.33 2.50 0.01	52.43 2.74 0.01	52.44 1.96 0.01	121.19 3.90 0.00	98.65 3.59 0.00	95.21 4.28 0.00	63.37 4.87 -0.06	56.53 4.75 0.04	53.26 4.51 0.27	57.09 4.42 0.11	56.76 4.52 0.89	54.97 3.95 0.23	63.54 3.52 0.01	102.56 5.13 0.32	161.45 8.34 0.00	215.09 10.78 0.00	101.63 5.30 0.00	67.62 3.19 0.00	64.72 3.09 0.00	61.72 2.89 0.01	52.36 2.62 0.01
LOCKPORT_115KV_TB60_63_64 80432	50.82 -0.94 0.00	47.01 -1.51 0.00	47.07 -1.63 0.00	47.16 -1.68 0.00	48.34 -1.36 0.00	48.85 -1.64 0.00	110.36 -6.93 0.00	89.70 -5.36 0.00	86.37 -4.56 0.00	55.68 -2.76 0.00	50.01 -1.82 0.00	48.04 -0.98 0.00	52.35 -0.43 0.00	52.53 -0.60 0.00	49.53 -1.72 0.00	57.12 -2.91 0.00	87.23 -5.63 4.90	144.95 -7.66 0.50	196.25 -8.06 0.00	91.05 -5.28 0.00	61.29 -3.14 0.00	58.39 -3.24 0.00	57.48 -1.36 0.00	49.23 -0.52 0.00
LOCKPORT___CC1 323769	50.77 -1.00 0.00	46.33 -1.53 0.65	46.12 -1.63 0.96	45.73 -1.69 1.42	47.84 -1.39 0.47	48.78 -1.64 0.07	110.27 -6.95 0.08	85.67 -5.41 3.98	85.28 -4.60 1.05	55.67 -2.76 0.00	49.98 -1.85 0.00	48.01 -1.01 0.00	52.28 -0.49 0.00	52.52 -0.61 0.00	49.52 -1.74 0.00	56.83 -2.92 0.27	83.89 -5.67 8.19	141.60 -7.67 3.84	194.17 -8.14 2.00	88.92 -5.22 2.19	58.04 -3.11 3.28	55.92 -3.24 2.46	54.24 -1.34 3.26	47.53 -0.53 1.69
LOCKPORT___CC2 323770	50.77 -1.00 0.00	46.33 -1.53 0.65	46.12 -1.63 0.96	45.73 -1.69 1.42	47.84 -1.39 0.47	48.78 -1.64 0.07	110.27 -6.95 0.08	85.67 -5.41 3.98	85.28 -4.60 1.05	55.67 -2.76 0.00	49.98 -1.85 0.00	48.01 -1.01 0.00	52.28 -0.49 0.00	52.52 -0.61 0.00	49.52 -1.74 0.00	56.83 -2.92 0.27	83.89 -5.67 8.19	141.60 -7.67 3.84	194.17 -8.14 2.00	88.92 -5.22 2.19	58.04 -3.11 3.28	55.92 -3.24 2.46	54.24 -1.34 3.26	47.53 -0.53 1.69
LOCKPORT___CC3 323771	50.77 -1.00 0.00	46.33 -1.53 0.65	46.12 -1.63 0.96	45.73 -1.69 1.42	47.84 -1.39 0.47	48.78 -1.64 0.07	110.27 -6.95 0.08	85.67 -5.41 3.98	85.28 -4.60 1.05	55.67 -2.76 0.00	49.98 -1.85 0.00	48.01 -1.01 0.00	52.28 -0.49 0.00	52.52 -0.61 0.00	49.52 -1.74 0.00	56.83 -2.92 0.27	83.89 -5.67 8.19	141.60 -7.67 3.84	194.17 -8.14 2.00	88.92 -5.22 2.19	58.04 -3.11 3.28	55.92 -3.24 2.46	54.24 -1.34 3.26	47.53 -0.53 1.69
LOCUSVLY_69_KV_BK2 55797	54.72 2.95 0.00	51.89 2.66 -0.72	51.56 2.73 -0.12	51.46 2.62 0.00	52.50 2.79 0.00	52.77 2.28 0.00	119.53 5.05 2.81	97.05 4.49 2.50	94.38 5.03 1.59	64.75 5.00 -1.32	57.31 4.86 -0.63	54.42 4.63 -0.77	57.38 4.58 -0.02	58.08 4.65 -0.30	55.58 4.15 -0.18	62.24 3.99 1.78	100.52 6.01 3.24	158.89 9.74 3.96	213.42 12.64 3.54	98.66 6.03 3.70	65.85 3.71 2.29	63.02 3.56 2.17	60.19 3.24 1.89	52.57 2.83 0.01
LONG_LAKE_PHOENIX 24014	50.36 -1.40 0.00	47.16 -1.36 0.00	47.32 -1.38 0.00	47.47 -1.37 0.00	48.35 -1.35 0.00	49.12 -1.36 0.00	114.08 -3.22 0.00	92.54 -2.52 0.00	88.57 -2.36 0.00	56.76 -1.68 0.00	50.24 -1.58 0.00	47.49 -1.53 0.00	51.26 -1.52 0.00	51.59 -1.54 0.00	49.72 -1.54 0.00	58.25 -1.78 0.00	95.02 -2.73 0.00	149.18 -3.93 0.00	199.21 -5.10 0.00	93.77 -2.56 0.00	62.72 -1.71 0.00	59.90 -1.73 0.00	57.22 -1.61 0.00	48.36 -1.38 0.00
LOVETT___3 23632	53.54 1.78 0.00	50.08 1.57 0.00	50.37 1.67 0.00	50.48 1.64 0.00	51.37 1.67 0.00	52.22 1.73 0.00	121.91 4.62 0.00	98.84 3.78 0.00	94.83 3.90 0.00	61.70 3.26 0.00	55.04 3.21 0.00	52.11 3.09 0.00	55.94 3.16 0.00	56.33 3.21 0.00	54.12 2.86 0.00	62.90 2.87 0.00	102.13 4.37 0.00	159.88 6.77 0.00	212.99 8.67 0.00	100.32 3.99 0.00	66.90 2.47 0.00	64.02 2.39 0.00	60.89 2.06 0.00	51.46 1.71 0.00
LOVETT___4 23642	53.54 1.78 0.00	50.08 1.57 0.00	50.37 1.67 0.00	50.48 1.64 0.00	51.37 1.67 0.00	52.22 1.73 0.00	121.91 4.62 0.00	98.84 3.78 0.00	94.83 3.90 0.00	61.70 3.26 0.00	55.04 3.21 0.00	52.11 3.09 0.00	55.94 3.16 0.00	56.33 3.21 0.00	54.12 2.86 0.00	62.90 2.87 0.00	102.13 4.37 0.00	159.88 6.77 0.00	212.99 8.67 0.00	100.32 3.99 0.00	66.90 2.47 0.00	64.02 2.39 0.00	60.89 2.06 0.00	51.46 1.71 0.00
LOVETT___5 23593	53.54 1.78 0.00	50.08 1.57 0.00	50.37 1.67 0.00	50.48 1.64 0.00	51.37 1.67 0.00	52.22 1.73 0.00	121.91 4.62 0.00	98.84 3.78 0.00	94.83 3.90 0.00	61.70 3.26 0.00	55.04 3.21 0.00	52.11 3.09 0.00	55.94 3.16 0.00	56.33 3.21 0.00	54.12 2.86 0.00	62.90 2.87 0.00	102.13 4.37 0.00	159.88 6.77 0.00	212.99 8.67 0.00	100.32 3.99 0.00	66.90 2.47 0.00	64.02 2.39 0.00	60.89 2.06 0.00	51.46 1.71 0.00
LOWER RAQUET___HYD 24057	54.09 2.32 0.00	49.71 1.19 0.00	49.34 0.64 0.00	49.16 0.32 0.00	50.34 0.64 0.00	51.60 1.11 0.00	119.08 1.78 0.00	95.91 0.85 0.00	91.92 0.99 0.00	59.50 1.06 0.00	53.11 1.28 0.00	50.43 1.41 0.00	54.72 1.94 0.00	55.23 2.10 0.00	52.77 1.51 0.00	60.62 0.59 0.00	97.19 -0.56 0.00	151.50 -1.61 0.00	202.16 -2.15 0.00	96.74 0.41 0.00	65.47 1.04 0.00	62.89 1.26 0.00	61.11 2.28 0.00	52.20 2.46 0.00
LOWER___HUDSON 24059	53.14 1.38 0.00	49.95 1.43 0.00	50.16 1.46 0.00	50.26 1.42 0.00	51.08 1.38 0.00	52.07 1.58 0.00	121.07 3.77 0.00	98.23 3.17 0.00	93.54 2.61 0.00	59.52 1.08 0.00	52.39 0.56 0.00	49.40 0.38 0.00	53.20 0.43 0.00	53.65 0.53 0.00	52.31 1.05 0.00	61.81 1.78 0.00	101.00 3.25 0.00	158.10 4.99 0.00	210.70 6.39 0.00	99.04 2.71 0.00	66.26 1.83 0.00	63.43 1.80 0.00	60.35 1.51 0.00	50.91 1.17 0.00
LOWVILLE_115KV_TB2 356335	53.45 1.68 0.00	49.79 1.27 0.00	49.75 1.05 0.00	49.81 0.98 0.00	50.88 1.17 0.00	51.81 1.33 0.00	120.29 3.00 0.00	97.71 2.65 0.00	93.23 2.30 0.00	59.30 0.86 0.00	52.56 0.73 0.00	49.56 0.54 0.00	53.45 0.67 0.00	53.67 0.54 0.00	51.87 0.61 0.00	60.89 0.86 0.00	100.09 2.33 0.00	157.57 4.46 0.00	210.28 5.97 0.00	99.33 3.00 0.00	66.54 2.11 0.00	63.46 1.84 0.00	60.75 1.91 0.00	51.37 1.62 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	54.26 2.49 0.00	50.93 2.41 0.00	51.18 2.48 0.00	51.30 2.46 0.00	52.16 2.45 0.00	53.22 2.74 0.00	123.90 6.60 0.00	100.45 5.38 0.00	95.47 4.54 0.00	60.63 2.19 0.00	53.42 1.59 0.00	50.37 1.35 0.00	54.30 1.53 0.00	54.64 1.51 0.00	53.33 2.07 0.00	63.12 3.09 0.00	103.31 5.56 0.00	161.89 8.77 0.00	215.84 11.53 0.00	101.32 4.99 0.00	67.78 3.35 0.00	64.76 3.14 0.00	61.68 2.84 0.00	52.01 2.27 0.00

LUTHERNY_35_KV_BK2 355980	54.25 2.48 0.00	50.89 2.38 0.00	51.16 2.45 0.00	51.29 2.45 0.00	52.16 2.45 0.00	53.23 2.75 0.00	123.99 6.69 0.00	100.48 5.42 0.00	95.46 4.53 0.00	60.63 2.19 0.00	53.41 1.58 0.00	50.36 1.34 0.00	54.33 1.55 0.00	54.61 1.49 0.00	53.34 2.09 0.00	63.17 3.14 0.00	103.39 5.64 0.00	161.97 8.86 0.00	215.94 11.63 0.00	101.38 5.04 0.00	67.80 3.37 0.00	64.77 3.15 0.00	61.68 2.84 0.00	51.98 2.23 0.00
LWR___OSWEGATCHIE_HYD 23850	53.33 1.57 0.00	49.32 0.81 0.00	49.11 0.40 0.00	49.03 0.20 0.00	50.14 0.44 0.00	51.10 0.61 0.00	118.35 1.06 0.00	95.80 0.74 0.00	91.59 0.65 0.00	58.74 0.30 0.00	52.39 0.56 0.00	49.59 0.57 0.00	53.63 0.84 0.00	53.98 0.85 0.00	51.89 0.63 0.00	60.22 0.19 0.00	97.55 -0.20 0.00	152.81 -0.30 0.00	203.85 -0.46 0.00	97.03 0.70 0.00	65.33 0.90 0.00	62.66 1.04 0.00	60.43 1.60 0.00	51.36 1.62 0.00
LYONS_FALL_HYD 23570	53.28 1.51 0.00	49.73 1.22 0.00	49.79 1.09 0.00	49.87 1.04 0.00	50.90 1.19 0.00	51.82 1.34 0.00	120.48 3.18 0.00	97.75 2.69 0.00	93.28 2.35 0.00	59.56 1.12 0.00	52.80 0.97 0.00	49.77 0.75 0.00	53.66 0.88 0.00	53.94 0.81 0.00	52.05 0.79 0.00	61.13 1.10 0.00	100.27 2.52 0.00	157.69 4.58 0.00	210.34 6.02 0.00	99.27 2.94 0.00	66.47 2.04 0.00	63.42 1.80 0.00	60.62 1.78 0.00	51.22 1.48 0.00
MADISON___COUNTY_LFGE 323628	53.22 1.45 0.00	49.87 1.35 0.00	50.05 1.34 0.00	50.20 1.36 0.00	51.19 1.49 0.00	52.15 1.67 0.00	121.40 4.10 0.00	98.54 3.48 0.00	94.05 3.12 0.00	60.31 1.87 0.00	53.31 1.48 0.00	50.20 1.18 0.00	54.17 1.39 0.00	54.35 1.23 0.00	52.27 1.01 0.00	61.49 1.46 0.00	100.82 3.06 0.00	158.28 5.17 0.00	211.32 7.00 0.00	99.52 3.19 0.00	66.55 2.12 0.00	63.48 1.86 0.00	60.60 1.77 0.00	51.15 1.41 0.00
MALONE___115KV_TB1 356076	54.61 2.84 0.00	50.12 1.60 0.00	49.65 0.95 0.00	49.43 0.60 0.00	50.83 1.12 0.00	52.14 1.65 0.00	120.35 3.06 0.00	97.28 2.22 0.00	93.37 2.44 0.00	60.55 2.12 0.00	54.03 2.20 0.00	51.19 2.17 0.00	55.52 2.74 0.00	55.97 2.84 0.00	53.47 2.21 0.00	61.60 1.57 0.00	98.97 1.21 0.00	155.14 2.03 0.00	207.26 2.95 0.00	99.28 2.95 0.00	66.91 2.48 0.00	64.14 2.52 0.00	62.10 3.26 0.00	52.86 3.11 0.00
MAPLEWOD_115KV_TB3 80458	53.12 1.35 0.00	49.91 1.40 0.00	50.12 1.42 0.00	50.22 1.38 0.00	51.09 1.38 0.00	51.99 1.51 0.00	120.98 3.68 0.00	98.19 3.13 0.00	93.58 2.65 0.00	59.68 1.24 0.00	52.60 0.78 0.00	49.64 0.61 0.00	53.40 0.62 0.00	53.86 0.73 0.00	52.42 1.16 0.00	61.89 1.86 0.00	101.07 3.32 0.00	158.32 5.21 0.00	211.02 6.71 0.00	99.54 3.21 0.00	66.53 2.10 0.00	63.67 2.04 0.00	60.55 1.72 0.00	51.08 1.34 0.00
MAPLE_RIDGE_WT_1 323574	52.35 0.58 0.00	48.67 0.15 0.00	48.60 -0.10 0.00	48.66 -0.18 0.00	49.71 0.00 0.00	50.67 0.19 0.00	117.30 0.00 0.00	94.78 -0.28 0.00	90.87 -0.06 0.00	58.65 0.21 0.00	52.14 0.32 0.00	49.42 0.40 0.00	53.40 0.62 0.00	53.78 0.66 0.00	51.68 0.43 0.00	60.23 0.20 0.00	97.61 -0.15 0.00	152.73 -0.38 0.00	203.75 -0.57 0.00	96.67 0.34 0.00	64.86 0.43 0.00	62.05 0.43 0.00	59.56 0.72 0.00	50.48 0.73 0.00
MAPLE_RIDGE_WT_2 323611	52.35 0.58 0.00	48.67 0.15 0.00	48.60 -0.10 0.00	48.66 -0.18 0.00	49.71 0.00 0.00	50.67 0.19 0.00	117.30 0.00 0.00	94.78 -0.28 0.00	90.87 -0.06 0.00	58.65 0.21 0.00	52.14 0.32 0.00	49.42 0.40 0.00	53.40 0.62 0.00	53.78 0.66 0.00	51.68 0.43 0.00	60.23 0.20 0.00	97.61 -0.15 0.00	152.73 -0.38 0.00	203.75 -0.57 0.00	96.67 0.34 0.00	64.86 0.43 0.00	62.05 0.43 0.00	59.56 0.72 0.00	50.48 0.73 0.00
MARBLE_RIVER_WT_PWR 323696	53.55 1.78 0.00	49.19 0.67 0.00	48.74 0.04 0.00	48.51 -0.33 0.00	49.79 0.08 0.00	50.99 0.50 0.00	117.40 0.10 0.00	94.72 -0.35 0.00	90.96 0.03 0.00	59.17 0.74 0.00	52.82 0.99 0.00	50.24 1.22 0.00	54.51 1.73 0.00	55.01 1.89 0.00	52.49 1.23 0.00	60.55 0.52 0.00	97.32 -0.44 0.00	152.20 -0.92 0.00	203.17 -1.14 0.00	97.22 0.89 0.00	65.58 1.15 0.00	62.87 1.24 0.00	60.85 2.01 0.00	51.75 2.00 0.00
MARSHVLE_115KV_TB1 80742	52.51 0.75 0.00	49.11 0.59 0.00	49.26 0.55 0.00	49.45 0.62 0.00	50.38 0.68 0.00	50.98 0.49 0.00	117.71 0.42 0.00	95.61 0.55 0.00	91.09 0.17 0.00	58.83 0.39 0.00	52.38 0.55 0.00	49.52 0.50 0.00	53.17 0.39 0.00	53.50 0.37 0.00	51.48 0.23 0.00	60.44 0.41 0.00	98.13 0.38 0.00	153.88 0.77 0.00	205.42 1.11 0.00	96.85 0.52 0.00	64.78 0.35 0.00	62.08 0.46 0.00	59.34 0.50 0.00	50.17 0.43 0.00
MARSH_HILL_WT_PWR 323713	52.01 0.24 0.00	48.66 -0.16 -0.30	49.04 -0.09 -0.43	49.32 -0.15 -0.64	49.94 0.02 -0.21	51.04 0.52 -0.03	115.83 -1.50 -0.04	95.67 -1.17 -1.78	89.53 -1.87 -0.47	57.32 -1.12 0.00	51.44 -0.39 0.00	49.20 0.18 0.00	53.39 0.62 0.00	53.58 0.45 0.00	50.27 -0.99 0.00	58.44 -1.78 -0.19	84.97 -2.49 10.30	151.97 -2.15 -1.00	203.52 -2.16 -1.37	96.31 -1.47 -1.45	65.47 -0.69 -1.73	62.40 -0.91 -1.68	61.31 0.24 -2.23	51.35 0.45 -1.16
MCINTYRE_115KV_TB2 80467	55.01 3.24 0.00	50.49 1.98 0.00	50.14 1.44 0.00	49.92 1.08 0.00	51.25 1.55 0.00	52.62 2.13 0.00	121.60 4.30 0.00	97.98 2.92 0.00	93.84 2.91 0.00	60.81 2.38 0.00	54.25 2.42 0.00	51.55 2.53 0.00	55.95 3.17 0.00	56.58 3.45 0.00	54.05 2.79 0.00	62.21 2.18 0.00	99.99 2.23 0.00	155.99 2.88 0.00	207.96 3.64 0.00	99.79 3.46 0.00	67.29 2.85 0.00	64.42 2.79 0.00	62.44 3.61 0.00	53.27 3.52 0.00
MECO_____69_KV_BK1 80468	53.98 2.21 0.00	50.53 2.01 0.00	50.67 1.97 0.00	50.85 2.02 0.00	51.80 2.09 0.00	52.75 2.27 0.00	123.01 5.72 0.00	99.76 4.70 0.00	94.17 3.24 0.00	59.79 1.35 0.00	52.69 0.86 0.00	49.60 0.58 0.00	53.23 0.45 0.00	53.54 0.41 0.00	51.90 0.65 0.00	61.88 1.85 0.00	102.37 4.62 0.00	161.03 7.92 0.00	214.96 10.65 0.00	101.26 4.93 0.00	67.65 3.22 0.00	64.59 2.97 0.00	61.57 2.74 0.00	51.97 2.23 0.00
MENANDS___115KV_TB5 355628	52.21 0.44 0.00	49.10 0.59 0.00	49.30 0.60 0.00	49.41 0.57 0.00	50.24 0.54 0.00	51.09 0.60 0.00	118.86 1.56 0.00	96.40 1.33 0.00	92.05 1.12 0.00	58.83 0.39 0.00	51.96 0.13 0.00	49.04 0.02 0.00	52.70 -0.08 0.00	53.12 -0.01 0.00	51.73 0.48 0.00	60.93 0.90 0.00	99.33 1.58 0.00	155.35 2.23 0.00	207.03 2.72 0.00	98.12 1.79 0.00	65.59 1.16 0.00	62.79 1.17 0.00	59.72 0.89 0.00	50.40 0.65 0.00
MG INDUSTRY___DRP 24185	52.59 0.83 0.00	49.48 0.97 0.00	49.69 0.99 0.00	49.81 0.97 0.00	50.63 0.92 0.00	51.44 0.96 0.00	119.57 2.28 0.00	96.88 1.82 0.00	92.23 1.30 0.00	58.80 0.37 0.00	51.94 0.11 0.00	49.03 0.01 0.00	52.70 -0.08 0.00	53.09 -0.04 0.00	51.65 0.39 0.00	60.99 0.96 0.00	99.69 1.93 0.00	156.04 2.93 0.00	208.04 3.72 0.00	98.44 2.11 0.00	65.85 1.42 0.00	63.03 1.40 0.00	60.03 1.19 0.00	50.67 0.93 0.00

MID___OSWEGATCHIE_HYD 23849	53.33 1.57 0.00	49.32 0.81 0.00	49.11 0.40 0.00	49.03 0.20 0.00	50.14 0.44 0.00	51.10 0.61 0.00	118.35 1.06 0.00	95.80 0.74 0.00	91.59 0.65 0.00	58.74 0.30 0.00	52.39 0.56 0.00	49.59 0.57 0.00	53.63 0.84 0.00	53.98 0.85 0.00	51.89 0.63 0.00	60.22 0.19 0.00	97.55 -0.20 0.00	152.81 -0.30 0.00	203.85 -0.46 0.00	97.03 0.70 0.00	65.33 0.90 0.00	62.66 1.04 0.00	60.43 1.60 0.00	51.36 1.62 0.00
MID___RAQUETTE_HYD 23851	54.09 2.32 0.00	49.71 1.19 0.00	49.34 0.64 0.00	49.14 0.30 0.00	50.34 0.64 0.00	51.60 1.11 0.00	119.08 1.78 0.00	95.91 0.85 0.00	91.92 0.99 0.00	59.50 1.06 0.00	53.12 1.29 0.00	50.43 1.41 0.00	54.72 1.94 0.00	55.23 2.10 0.00	52.77 1.52 0.00	60.61 0.58 0.00	97.25 -0.51 0.00	151.52 -1.59 0.00	202.12 -2.19 0.00	96.92 0.59 0.00	65.47 1.04 0.00	62.89 1.26 0.00	61.12 2.28 0.00	52.20 2.46 0.00
MILLIKEN___1 23584	52.80 1.04 0.00	49.43 0.92 0.00	49.62 0.92 0.00	49.80 0.96 0.00	50.69 0.99 0.00	51.60 1.11 0.00	119.78 2.48 0.00	97.19 2.13 0.00	92.55 1.62 0.00	59.19 0.76 0.00	52.31 0.48 0.00	49.38 0.36 0.00	53.21 0.43 0.00	53.56 0.43 0.00	51.62 0.37 0.00	60.67 0.64 0.00	107.43 1.61 -8.06	157.17 3.23 -0.83	208.89 4.58 0.00	98.32 2.00 0.00	65.72 1.29 0.00	62.77 1.14 0.00	60.03 1.19 0.00	50.78 1.03 0.00
MILLIKEN___2 23585	52.80 1.04 0.00	49.43 0.92 0.00	49.62 0.92 0.00	49.80 0.96 0.00	50.69 0.99 0.00	51.60 1.11 0.00	119.78 2.48 0.00	97.19 2.13 0.00	92.55 1.62 0.00	59.19 0.76 0.00	52.31 0.48 0.00	49.38 0.36 0.00	53.21 0.43 0.00	53.56 0.43 0.00	51.62 0.37 0.00	60.67 0.64 0.00	107.43 1.61 -8.06	157.17 3.23 -0.83	208.89 4.58 0.00	98.32 2.00 0.00	65.72 1.29 0.00	62.77 1.14 0.00	60.03 1.19 0.00	50.78 1.03 0.00
MILLIKEN___DIESEL 23629	52.80 1.04 0.00	49.43 0.92 0.00	49.62 0.92 0.00	49.80 0.96 0.00	50.69 0.99 0.00	51.60 1.11 0.00	119.78 2.48 0.00	97.19 2.13 0.00	92.55 1.62 0.00	59.19 0.76 0.00	52.31 0.48 0.00	49.38 0.36 0.00	53.21 0.43 0.00	53.56 0.43 0.00	51.62 0.37 0.00	60.67 0.64 0.00	107.43 1.61 -8.06	157.17 3.23 -0.83	208.89 4.58 0.00	98.32 2.00 0.00	65.72 1.29 0.00	62.77 1.14 0.00	60.03 1.19 0.00	50.78 1.03 0.00
MILLSEAT___LFGE 323607	51.77 0.01 0.00	47.34 -0.57 0.61	47.15 -0.66 0.89	46.82 -0.71 1.31	48.91 -0.36 0.44	49.95 -0.48 0.06	113.53 -3.69 0.07	88.77 -2.60 3.69	87.79 -2.17 0.97	56.88 -1.56 0.00	50.79 -1.03 0.00	48.72 -0.30 0.00	53.20 0.42 0.00	53.36 0.23 0.00	50.39 -0.87 0.00	58.10 -1.68 0.26	87.22 -3.04 7.49	146.35 -3.22 3.55	200.20 -2.25 1.86	91.86 -2.44 2.03	60.05 -1.35 3.04	57.72 -1.63 2.28	55.79 -0.03 3.02	48.63 0.45 1.56
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	53.60 1.83 0.00	50.17 1.65 0.00	50.45 1.75 0.00	50.55 1.71 0.00	51.45 1.75 0.00	52.28 1.79 0.00	121.98 4.69 0.00	98.97 3.91 0.00	95.00 4.07 0.00	61.79 3.36 0.00	55.15 3.32 0.00	52.19 3.17 0.00	56.01 3.23 0.00	56.39 3.26 0.00	54.22 2.96 0.00	63.01 2.98 0.00	102.31 4.56 0.00	160.19 7.08 0.00	213.40 9.09 0.00	100.53 4.20 0.00	67.03 2.59 0.00	64.15 2.53 0.00	61.01 2.18 0.00	51.57 1.83 0.00
MILLWOOD_13_KV_LOAD 356217	53.73 1.96 0.00	50.28 1.76 0.00	50.57 1.87 0.00	50.67 1.83 0.00	51.57 1.87 0.00	52.41 1.93 0.00	122.31 5.02 0.00	99.24 4.18 0.00	95.25 4.32 0.00	61.96 3.53 0.00	55.29 3.46 0.00	52.33 3.31 0.00	56.15 3.37 0.00	56.52 3.40 0.00	54.34 3.08 0.00	63.18 3.15 0.00	102.61 4.85 0.00	160.66 7.55 0.00	214.04 9.72 0.00	100.83 4.50 0.00	67.23 2.80 0.00	64.33 2.70 0.00	61.18 2.35 0.00	51.68 1.94 0.00
MODEL_CITY_ENERGY 24167	50.38 -1.38 0.00	45.87 -1.94 0.70	45.58 -2.09 1.03	45.15 -2.16 1.53	47.36 -1.83 0.51	48.28 -2.14 0.07	108.94 -8.27 0.09	84.28 -6.50 4.28	84.22 -5.57 1.13	55.10 -3.34 0.00	49.47 -2.36 0.00	47.54 -1.48 0.00	51.76 -1.02 0.00	52.00 -1.13 0.00	49.04 -2.22 0.00	56.22 -3.51 0.30	82.48 -6.76 8.51	139.59 -9.40 4.12	191.76 -10.38 2.17	87.67 -6.30 2.37	57.03 -3.87 3.53	55.04 -3.92 2.66	53.34 -1.97 3.52	46.88 -1.04 1.83
MODERN_LFGE___ 323580	50.38 -1.38 0.00	45.87 -1.94 0.70	45.58 -2.09 1.03	45.15 -2.16 1.53	47.36 -1.83 0.51	48.28 -2.14 0.07	108.94 -8.27 0.09	84.28 -6.50 4.28	84.22 -5.57 1.13	55.10 -3.34 0.00	49.47 -2.36 0.00	47.54 -1.48 0.00	51.76 -1.02 0.00	52.00 -1.13 0.00	49.04 -2.22 0.00	56.22 -3.51 0.30	82.48 -6.76 8.51	139.59 -9.40 4.12	191.76 -10.38 2.17	87.67 -6.30 2.37	57.03 -3.87 3.53	55.04 -3.92 2.66	53.34 -1.97 3.52	46.88 -1.04 1.83
MOHAWK_PAPER___DRP 24187	53.12 1.35 0.00	49.91 1.40 0.00	50.12 1.42 0.00	50.22 1.38 0.00	51.09 1.38 0.00	51.99 1.51 0.00	120.98 3.68 0.00	98.19 3.13 0.00	93.58 2.65 0.00	59.68 1.24 0.00	52.60 0.78 0.00	49.64 0.61 0.00	53.40 0.62 0.00	53.86 0.73 0.00	52.42 1.16 0.00	61.89 1.86 0.00	101.07 3.32 0.00	158.32 5.21 0.00	211.02 6.71 0.00	99.54 3.21 0.00	66.53 2.10 0.00	63.67 2.04 0.00	60.55 1.72 0.00	51.08 1.34 0.00
MOHICAN___35_KV_115KV_LD 80490	55.32 3.56 0.00	51.90 3.39 0.00	52.21 3.51 0.00	52.30 3.47 0.00	53.15 3.45 0.00	54.48 3.99 0.00	126.82 9.53 0.00	102.82 7.76 0.00	97.34 6.41 0.00	61.47 3.04 0.00	54.16 2.34 0.00	51.03 2.01 0.00	54.99 2.21 0.00	55.34 2.21 0.00	54.29 3.04 0.00	64.40 4.37 0.00	105.64 7.89 0.00	165.92 12.81 0.00	220.97 16.66 0.00	103.35 7.02 0.00	69.23 4.80 0.00	66.00 4.37 0.00	62.93 4.09 0.00	52.98 3.24 0.00
MONGAUP___HYD 23641	54.10 2.34 0.00	50.65 2.13 0.00	50.86 2.16 0.00	50.99 2.15 0.00	51.89 2.18 0.00	52.77 2.28 0.00	123.23 5.94 0.00	100.00 4.94 0.00	95.80 4.87 0.00	61.85 3.42 0.00	54.86 3.03 0.00	51.62 2.60 0.00	55.37 2.60 0.00	55.48 2.35 0.00	53.42 2.16 0.00	62.71 2.68 0.00	102.81 5.05 0.00	161.49 8.38 0.00	215.40 11.09 0.00	101.58 5.25 0.00	67.80 3.36 0.00	64.82 3.20 0.00	61.66 2.82 0.00	52.03 2.29 0.00
MONTAUK___DIESEL 23721	57.04 5.28 0.01	50.05 4.70 3.17	52.82 4.66 0.54	53.56 4.72 0.01	54.91 5.21 0.01	55.11 4.63 0.01	140.34 9.70 -13.35	115.30 8.40 -11.85	107.51 9.06 -7.52	68.62 8.51 -1.67	60.24 7.97 -0.45	56.17 7.21 0.06	59.59 6.90 0.09	59.28 6.82 0.67	57.43 6.32 0.15	74.85 6.38 -8.44	123.41 10.26 -15.40	189.35 17.45 -18.78	244.32 23.24 -16.77	124.65 10.79 -17.53	81.97 6.67 -10.87	78.23 6.30 -10.30	73.81 6.03 -8.94	55.04 5.26 -0.03
MOONROAD_115KV_HARTFLD_TB1-2 355988	52.38 0.61 0.00	48.52 0.00 0.00	48.68 -0.02 0.00	48.82 -0.02 0.00	49.81 0.10 0.00	50.91 0.43 0.00	115.95 -1.35 0.00	93.98 -1.08 0.00	90.31 -0.62 0.00	58.82 0.39 0.00	52.76 0.94 0.00	50.65 1.63 0.00	55.05 2.27 0.00	55.23 2.10 0.00	51.04 -0.22 0.00	58.56 -1.48 0.00	88.21 -2.80 6.74	150.08 -2.34 0.69	202.20 -2.11 0.00	94.53 -1.80 0.00	63.65 -0.78 0.00	60.39 -1.23 0.00	59.67 0.84 0.00	51.09 1.35 0.00

MORRIS_RIDGE___SOLAR 323848	51.20 -0.56 0.00	47.81 -0.98 -0.27	48.15 -0.94 -0.39	48.42 -1.00 -0.58	49.06 -0.83 -0.20	49.97 -0.55 -0.03	113.14 -4.19 -0.03	93.28 -3.42 -1.64	87.61 -3.75 -0.43	56.07 -2.36 0.00	50.50 -1.33 0.00	48.30 -0.72 0.00	52.52 -0.26 0.00	52.69 -0.44 0.00	49.51 -1.75 0.00	57.57 -2.63 -0.17	86.13 -4.14 7.49	149.08 -5.13 -1.10	199.76 -5.80 -1.25	94.19 -3.46 -1.32	64.01 -2.01 -1.59	61.01 -2.14 -1.53	60.14 -0.73 -2.03	50.56 -0.24 -1.06
MORTIMER_115KV_TB3 55949	51.41 -0.36 0.00	47.81 -0.70 0.00	47.97 -0.74 0.00	48.09 -0.74 0.00	49.18 -0.52 0.00	49.95 -0.54 0.00	114.60 -2.70 0.00	93.09 -1.97 0.00	89.25 -1.68 0.00	57.36 -1.08 0.00	51.22 -0.61 0.00	48.92 -0.10 0.00	53.11 0.33 0.00	53.37 0.24 0.00	50.76 -0.49 0.00	58.99 -1.04 0.00	92.60 -2.10 3.06	150.45 -2.35 0.31	202.50 -1.82 0.00	94.51 -1.82 0.00	63.36 -1.07 0.00	60.42 -1.21 0.00	58.62 -0.22 0.00	49.84 0.09 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	53.80 2.04 0.00	50.35 1.84 0.00	50.66 1.96 0.00	50.73 1.90 0.00	51.66 1.95 0.00	52.46 1.97 0.00	122.44 5.14 0.00	99.38 4.31 0.00	95.50 4.58 0.00	62.22 3.78 0.00	55.62 3.79 0.00	52.68 3.63 -0.03	56.49 3.71 0.00	56.87 3.73 -0.01	54.68 3.39 -0.03	63.44 3.41 0.00	102.88 5.12 0.00	161.03 7.92 0.00	214.46 10.15 0.00	101.01 4.68 0.00	67.33 2.90 0.00	64.45 2.82 0.00	61.28 2.44 0.00	51.81 2.07 0.00
MUNSVILLE_WIND_PWR 323609	55.70 3.94 0.00	52.43 3.55 -0.36	52.87 3.64 -0.52	53.31 3.70 -0.78	53.88 3.92 -0.26	55.02 4.49 -0.04	128.40 11.05 -0.05	106.72 9.47 -2.18	99.37 7.87 -0.58	62.76 4.32 0.00	55.16 3.33 0.00	51.82 2.80 0.00	55.32 2.55 0.00	55.53 2.40 0.00	53.43 2.17 0.00	63.75 3.56 -0.16	111.78 7.28 -6.75	168.22 12.67 -2.43	222.60 17.12 -1.17	105.48 7.89 -1.27	71.70 5.44 -1.84	67.87 4.82 -1.43	65.45 4.71 -1.90	54.41 3.68 -0.98
N SALMON___HYD 24042	54.61 2.84 0.00	50.12 1.60 0.00	49.65 0.95 0.00	49.45 0.61 0.00	50.83 1.12 0.00	52.14 1.65 0.00	120.35 3.06 0.00	97.28 2.22 0.00	93.37 2.44 0.00	60.55 2.11 0.00	54.02 2.20 0.00	51.19 2.17 0.00	55.52 2.74 0.00	55.96 2.84 0.00	53.47 2.21 0.00	61.59 1.57 0.00	98.91 1.15 0.00	155.12 2.01 0.00	207.31 3.00 0.00	99.11 2.78 0.00	66.91 2.48 0.00	64.14 2.52 0.00	62.10 3.26 0.00	52.85 3.11 0.00
N.AKRON__115KV_KNAPP 355671	51.54 -0.23 0.00	47.70 -0.82 0.00	47.77 -0.93 0.00	47.88 -0.96 0.00	49.09 -0.61 0.00	49.68 -0.80 0.00	112.67 -4.63 0.00	91.69 -3.37 0.00	88.13 -2.80 0.00	56.59 -1.85 0.00	50.67 -1.15 0.00	48.61 -0.41 0.00	53.06 0.28 0.00	53.19 0.07 0.00	50.20 -1.06 0.00	58.04 -1.99 0.00	89.31 -3.76 4.68	148.09 -4.55 0.48	200.32 -3.99 0.00	93.02 -3.31 0.00	62.53 -1.90 0.00	59.53 -2.10 0.00	58.44 -0.40 0.00	49.95 0.20 0.00
N.E_GEN_SANDY PD 24062	53.10 1.33 0.00	49.91 1.39 0.00	50.13 1.43 0.00	50.18 1.34 0.00	51.01 1.31 0.00	58.14 1.48 -6.17	136.39 3.51 -15.58	100.25 2.98 -2.21	93.37 2.44 0.00	59.40 0.96 0.00	52.19 0.37 0.00	48.55 0.16 0.63	51.26 0.11 1.62	53.35 0.22 0.00	52.21 0.95 0.00	61.74 1.71 0.00	100.86 3.10 0.00	157.71 4.60 0.00	190.72 5.76 19.35	98.61 2.28 0.00	65.99 1.56 0.00	63.24 1.62 0.00	60.12 1.29 0.00	51.36 1.00 -0.61
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	53.63 1.86 0.00	50.17 1.65 0.00	50.45 1.74 0.00	50.55 1.72 0.00	51.45 1.75 0.00	52.30 1.82 0.00	122.17 4.87 0.00	99.01 3.95 0.00	94.92 3.99 0.00	61.74 3.31 0.00	55.08 3.25 0.00	52.13 3.11 0.00	55.97 3.19 0.00	56.38 3.25 0.00	54.22 2.97 0.00	63.00 2.98 0.00	102.32 4.57 0.00	160.21 7.09 0.00	213.40 9.09 0.00	100.52 4.19 0.00	67.03 2.59 0.00	64.14 2.52 0.00	61.01 2.17 0.00	51.54 1.79 0.00
N.QUEENS_27_KV_LOAD 356247	54.20 2.43 0.00	50.76 2.25 0.00	50.99 2.29 0.00	51.00 2.17 0.00	51.95 2.25 0.00	52.40 1.91 0.00	122.43 5.14 0.00	99.52 4.46 0.00	95.84 4.91 0.00	62.31 3.87 0.00	55.80 3.97 0.00	53.86 3.90 -0.94	56.73 3.95 0.00	57.31 3.96 -0.22	55.84 3.59 -1.00	63.55 3.52 0.00	103.16 5.41 0.00	161.35 8.23 0.00	214.81 10.50 0.00	101.25 4.92 0.00	67.49 3.06 0.00	64.60 2.98 0.00	61.41 2.57 0.00	51.97 2.22 0.00
N.TROY___115KV_TB1 355778	53.14 1.37 0.00	49.93 1.42 0.00	50.16 1.46 0.00	50.25 1.42 0.00	51.08 1.38 0.00	52.07 1.58 0.00	121.07 3.78 0.00	98.23 3.17 0.00	93.54 2.61 0.00	59.51 1.08 0.00	52.38 0.56 0.00	49.40 0.38 0.00	53.20 0.42 0.00	53.65 0.53 0.00	52.31 1.05 0.00	61.81 1.78 0.00	101.00 3.25 0.00	158.17 5.06 0.00	210.71 6.40 0.00	99.06 2.73 0.00	66.28 1.84 0.00	63.43 1.80 0.00	60.34 1.51 0.00	50.91 1.17 0.00
NARROWS_GT1_1 24228	54.11 2.34 0.00	50.62 2.10 0.00	50.94 2.23 0.00	50.97 2.14 0.00	51.89 2.19 0.00	52.62 2.13 0.00	122.78 5.48 0.00	99.68 4.62 0.00	95.92 4.99 0.00	62.49 4.05 0.00	55.96 4.14 0.00	54.05 4.08 -0.95	56.81 4.03 0.00	57.44 4.09 -0.22	55.99 3.72 -1.01	63.63 3.59 0.00	103.05 5.29 0.00	161.29 8.18 0.00	214.83 10.52 0.00	101.16 4.83 0.00	67.41 2.98 0.00	64.59 2.96 0.00	61.45 2.61 0.00	52.01 2.26 0.00
NARROWS_GT1_2 24229	54.11 2.34 0.00	50.62 2.10 0.00	50.94 2.23 0.00	50.97 2.14 0.00	51.89 2.19 0.00	52.62 2.13 0.00	122.78 5.48 0.00	99.68 4.62 0.00	95.92 4.99 0.00	62.49 4.05 0.00	55.96 4.14 0.00	54.05 4.08 -0.95	56.81 4.03 0.00	57.44 4.09 -0.22	55.99 3.72 -1.01	63.63 3.59 0.00	103.05 5.29 0.00	161.29 8.18 0.00	214.83 10.52 0.00	101.16 4.83 0.00	67.41 2.98 0.00	64.59 2.96 0.00	61.45 2.61 0.00	52.01 2.26 0.00
NARROWS_GT1_3 24230	54.11 2.34 0.00	50.62 2.10 0.00	50.94 2.23 0.00	50.97 2.14 0.00	51.89 2.19 0.00	52.62 2.13 0.00	122.78 5.48 0.00	99.68 4.62 0.00	95.92 4.99 0.00	62.49 4.05 0.00	55.96 4.14 0.00	54.05 4.08 -0.95	56.81 4.03 0.00	57.44 4.09 -0.22	55.99 3.72 -1.01	63.63 3.59 0.00	103.05 5.29 0.00	161.29 8.18 0.00	214.83 10.52 0.00	101.16 4.83 0.00	67.41 2.98 0.00	64.59 2.96 0.00	61.45 2.61 0.00	52.01 2.26 0.00
NARROWS_GT1_4 24231	54.11 2.34 0.00	50.62 2.10 0.00	50.94 2.23 0.00	50.97 2.14 0.00	51.89 2.19 0.00	52.62 2.13 0.00	122.78 5.48 0.00	99.68 4.62 0.00	95.92 4.99 0.00	62.49 4.05 0.00	55.96 4.14 0.00	54.05 4.08 -0.95	56.81 4.03 0.00	57.44 4.09 -0.22	55.99 3.72 -1.01	63.63 3.59 0.00	103.05 5.29 0.00	161.29 8.18 0.00	214.83 10.52 0.00	101.16 4.83 0.00	67.41 2.98 0.00	64.59 2.96 0.00	61.45 2.61 0.00	52.01 2.26 0.00
NARROWS_GT1_5 24232	54.11 2.34 0.00	50.62 2.10 0.00	50.94 2.23 0.00	50.97 2.14 0.00	51.89 2.19 0.00	52.62 2.13 0.00	122.78 5.48 0.00	99.68 4.62 0.00	95.92 4.99 0.00	62.49 4.05 0.00	55.96 4.14 0.00	54.05 4.08 -0.95	56.81 4.03 0.00	57.44 4.09 -0.22	55.99 3.72 -1.01	63.63 3.59 0.00	103.05 5.29 0.00	161.29 8.18 0.00	214.83 10.52 0.00	101.16 4.83 0.00	67.41 2.98 0.00	64.59 2.96 0.00	61.45 2.61 0.00	52.01 2.26 0.00

NARROWS_GT1_6 24233	54.11 2.34 0.00	50.62 2.10 0.00	50.94 2.23 0.00	50.97 2.14 0.00	51.89 2.19 0.00	52.62 2.13 0.00	122.78 5.48 0.00	99.68 4.62 0.00	95.92 4.99 0.00	62.49 4.05 0.00	55.96 4.14 0.00	54.05 4.08 -0.95	56.81 4.03 0.00	57.44 4.09 -0.22	55.99 3.72 -1.01	63.63 3.59 0.00	103.05 5.29 0.00	161.29 8.18 0.00	214.83 10.52 0.00	101.16 4.83 0.00	67.41 2.98 0.00	64.59 2.96 0.00	61.45 2.61 0.00	52.01 2.26 0.00
NARROWS_GT1_7 24234	54.11 2.34 0.00	50.62 2.10 0.00	50.94 2.23 0.00	50.97 2.14 0.00	51.89 2.19 0.00	52.62 2.13 0.00	122.78 5.48 0.00	99.68 4.62 0.00	95.92 4.99 0.00	62.49 4.05 0.00	55.96 4.14 0.00	54.05 4.08 -0.95	56.81 4.03 0.00	57.44 4.09 -0.22	55.99 3.72 -1.01	63.63 3.59 0.00	103.05 5.29 0.00	161.29 8.18 0.00	214.83 10.52 0.00	101.16 4.83 0.00	67.41 2.98 0.00	64.59 2.96 0.00	61.45 2.61 0.00	52.01 2.26 0.00
NARROWS_GT1_8 24235	54.11 2.34 0.00	50.62 2.10 0.00	50.94 2.23 0.00	50.97 2.14 0.00	51.89 2.19 0.00	52.62 2.13 0.00	122.78 5.48 0.00	99.68 4.62 0.00	95.92 4.99 0.00	62.49 4.05 0.00	55.96 4.14 0.00	54.05 4.08 -0.95	56.81 4.03 0.00	57.44 4.09 -0.22	55.99 3.72 -1.01	63.63 3.59 0.00	103.05 5.29 0.00	161.29 8.18 0.00	214.83 10.52 0.00	101.16 4.83 0.00	67.41 2.98 0.00	64.59 2.96 0.00	61.45 2.61 0.00	52.01 2.26 0.00
NARROWS_GT2_1 24236	54.11 2.34 0.00	50.62 2.10 0.00	50.94 2.23 0.00	50.97 2.14 0.00	51.89 2.19 0.00	52.62 2.13 0.00	122.78 5.48 0.00	99.68 4.62 0.00	95.92 4.99 0.00	62.49 4.05 0.00	55.96 4.14 0.00	54.05 4.08 -0.95	56.81 4.03 0.00	57.44 4.09 -0.22	55.99 3.72 -1.01	63.63 3.59 0.00	103.05 5.29 0.00	161.29 8.18 0.00	214.83 10.52 0.00	101.16 4.83 0.00	67.41 2.98 0.00	64.59 2.96 0.00	61.45 2.61 0.00	52.01 2.26 0.00
NARROWS_GT2_2 24237	54.11 2.34 0.00	50.62 2.10 0.00	50.94 2.23 0.00	50.97 2.14 0.00	51.89 2.19 0.00	52.62 2.13 0.00	122.78 5.48 0.00	99.68 4.62 0.00	95.92 4.99 0.00	62.49 4.05 0.00	55.96 4.14 0.00	54.05 4.08 -0.95	56.81 4.03 0.00	57.44 4.09 -0.22	55.99 3.72 -1.01	63.63 3.59 0.00	103.05 5.29 0.00	161.29 8.18 0.00	214.83 10.52 0.00	101.16 4.83 0.00	67.41 2.98 0.00	64.59 2.96 0.00	61.45 2.61 0.00	52.01 2.26 0.00
NARROWS_GT2_3 24238	54.11 2.34 0.00	50.62 2.10 0.00	50.94 2.23 0.00	50.97 2.14 0.00	51.89 2.19 0.00	52.62 2.13 0.00	122.78 5.48 0.00	99.68 4.62 0.00	95.92 4.99 0.00	62.49 4.05 0.00	55.96 4.14 0.00	54.05 4.08 -0.95	56.81 4.03 0.00	57.44 4.09 -0.22	55.99 3.72 -1.01	63.63 3.59 0.00	103.05 5.29 0.00	161.29 8.18 0.00	214.83 10.52 0.00	101.16 4.83 0.00	67.41 2.98 0.00	64.59 2.96 0.00	61.45 2.61 0.00	52.01 2.26 0.00
NARROWS_GT2_4 24239	54.11 2.34 0.00	50.62 2.10 0.00	50.94 2.23 0.00	50.97 2.14 0.00	51.89 2.19 0.00	52.62 2.13 0.00	122.78 5.48 0.00	99.68 4.62 0.00	95.92 4.99 0.00	62.49 4.05 0.00	55.96 4.14 0.00	54.05 4.08 -0.95	56.81 4.03 0.00	57.44 4.09 -0.22	55.99 3.72 -1.01	63.63 3.59 0.00	103.05 5.29 0.00	161.29 8.18 0.00	214.83 10.52 0.00	101.16 4.83 0.00	67.41 2.98 0.00	64.59 2.96 0.00	61.45 2.61 0.00	52.01 2.26 0.00
NARROWS_GT2_5 24240	54.11 2.34 0.00	50.62 2.10 0.00	50.94 2.23 0.00	50.97 2.14 0.00	51.89 2.19 0.00	52.62 2.13 0.00	122.78 5.48 0.00	99.68 4.62 0.00	95.92 4.99 0.00	62.49 4.05 0.00	55.96 4.14 0.00	54.05 4.08 -0.95	56.81 4.03 0.00	57.44 4.09 -0.22	55.99 3.72 -1.01	63.63 3.59 0.00	103.05 5.29 0.00	161.29 8.18 0.00	214.83 10.52 0.00	101.16 4.83 0.00	67.41 2.98 0.00	64.59 2.96 0.00	61.45 2.61 0.00	52.01 2.26 0.00
NARROWS_GT2_6 24241	54.11 2.34 0.00	50.62 2.10 0.00	50.94 2.23 0.00	50.97 2.14 0.00	51.89 2.19 0.00	52.62 2.13 0.00	122.78 5.48 0.00	99.68 4.62 0.00	95.92 4.99 0.00	62.49 4.05 0.00	55.96 4.14 0.00	54.05 4.08 -0.95	56.81 4.03 0.00	57.44 4.09 -0.22	55.99 3.72 -1.01	63.63 3.59 0.00	103.05 5.29 0.00	161.29 8.18 0.00	214.83 10.52 0.00	101.16 4.83 0.00	67.41 2.98 0.00	64.59 2.96 0.00	61.45 2.61 0.00	52.01 2.26 0.00
NARROWS_GT2_7 24242	54.11 2.34 0.00	50.62 2.10 0.00	50.94 2.23 0.00	50.97 2.14 0.00	51.89 2.19 0.00	52.62 2.13 0.00	122.78 5.48 0.00	99.68 4.62 0.00	95.92 4.99 0.00	62.49 4.05 0.00	55.96 4.14 0.00	54.05 4.08 -0.95	56.81 4.03 0.00	57.44 4.09 -0.22	55.99 3.72 -1.01	63.63 3.59 0.00	103.05 5.29 0.00	161.29 8.18 0.00	214.83 10.52 0.00	101.16 4.83 0.00	67.41 2.98 0.00	64.59 2.96 0.00	61.45 2.61 0.00	52.01 2.26 0.00
NARROWS_GT2_8 24243	54.11 2.34 0.00	50.62 2.10 0.00	50.94 2.23 0.00	50.97 2.14 0.00	51.89 2.19 0.00	52.62 2.13 0.00	122.78 5.48 0.00	99.68 4.62 0.00	95.92 4.99 0.00	62.49 4.05 0.00	55.96 4.14 0.00	54.05 4.08 -0.95	56.81 4.03 0.00	57.44 4.09 -0.22	55.99 3.72 -1.01	63.63 3.59 0.00	103.05 5.29 0.00	161.29 8.18 0.00	214.83 10.52 0.00	101.16 4.83 0.00	67.41 2.98 0.00	64.59 2.96 0.00	61.45 2.61 0.00	52.01 2.26 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	54.33 2.57 0.00	51.09 2.57 0.00	51.30 2.60 0.00	51.42 2.59 0.00	52.31 2.60 0.00	53.31 2.83 0.00	124.42 7.13 0.00	101.25 6.18 0.00	95.77 4.84 0.00	60.03 1.60 0.00	52.60 0.78 0.00	49.53 0.51 0.00	53.14 0.36 0.00	53.61 0.49 0.00	52.27 1.02 0.00	62.38 2.35 0.00	103.34 5.59 0.00	162.95 9.84 0.00	217.29 12.98 0.00	102.73 6.40 0.00	68.71 4.28 0.00	65.58 3.96 0.00	62.32 3.48 0.00	52.46 2.72 0.00
NCHELSEA_115KV_TR2 355582	54.04 2.27 0.00	50.60 2.08 0.00	50.86 2.16 0.00	50.98 2.14 0.00	51.88 2.17 0.00	52.73 2.25 0.00	123.08 5.79 0.00	99.90 4.84 0.00	95.82 4.90 0.00	62.09 3.66 0.00	55.31 3.49 0.00	52.27 3.25 0.00	56.07 3.29 0.00	56.46 3.34 0.00	54.39 3.13 0.00	63.42 3.39 0.00	103.13 5.38 0.00	161.65 8.54 0.00	215.43 11.12 0.00	101.48 5.14 0.00	67.67 3.24 0.00	64.77 3.14 0.00	61.58 2.74 0.00	51.99 2.24 0.00
NEG CAPITAL___MECHNVIL 23645	54.23 2.47 0.00	50.93 2.41 0.00	51.16 2.45 0.00	51.26 2.43 0.00	52.14 2.43 0.00	53.19 2.70 0.00	123.87 6.57 0.00	100.45 5.39 0.00	95.49 4.56 0.00	60.63 2.20 0.00	53.41 1.58 0.00	50.36 1.34 0.00	54.32 1.54 0.00	54.65 1.52 0.00	53.35 2.09 0.00	63.15 3.12 0.00	103.36 5.61 0.00	162.12 9.01 0.00	216.02 11.71 0.00	101.39 5.06 0.00	67.82 3.39 0.00	64.81 3.18 0.00	61.68 2.85 0.00	52.02 2.27 0.00
NEG CENTRAL_HIGH_ACRES 23767	50.43 -1.34 0.00	46.69 -1.55 0.28	46.74 -1.55 0.41	46.66 -1.57 0.61	48.09 -1.41 0.20	49.07 -1.39 0.03	113.02 -4.24 0.04	90.11 -3.26 1.69	87.43 -3.04 0.45	56.44 -1.99 0.00	50.25 -1.58 0.00	47.89 -1.13 0.00	51.89 -0.90 0.00	52.21 -0.91 0.00	49.87 -1.39 0.00	57.99 -1.92 0.12	91.16 -3.47 3.13	146.84 -4.70 1.58	198.24 -5.23 0.84	92.21 -3.20 0.92	60.98 -2.07 1.39	58.40 -2.19 1.03	56.07 -1.40 1.37	48.03 -1.00 0.71

NEG CENTRAL___DRP 24199	51.64 -0.13 0.00	48.24 -0.28 0.00	48.41 -0.29 0.00	48.56 -0.28 0.00	49.49 -0.21 0.00	50.36 -0.12 0.00	116.59 -0.71 0.00	94.57 -0.48 0.00	90.42 -0.51 0.00	57.97 -0.46 0.00	51.33 -0.50 0.00	48.68 -0.34 0.00	52.64 -0.14 0.00	53.02 -0.11 0.00	50.95 -0.31 0.00	59.52 -0.51 0.00	97.01 -0.75 0.00	152.59 -0.52 0.00	204.22 -0.09 0.00	95.83 -0.49 0.00	64.11 -0.32 0.00	61.14 -0.49 0.00	58.69 -0.15 0.00	49.73 -0.02 0.00
NEG CENTRAL___INDECK 23768	53.23 1.46 0.00	49.52 0.88 -0.13	49.80 0.91 -0.18	50.03 0.92 -0.27	51.04 1.25 -0.09	52.08 1.58 -0.01	119.24 1.93 -0.02	97.69 1.86 -0.76	92.29 1.16 -0.20	58.35 -0.09 0.00	52.26 0.43 0.00	49.92 0.90 0.00	54.07 1.30 0.00	54.19 1.07 0.00	49.98 -1.28 0.00	57.99 -2.14 -0.10	88.60 -2.12 7.04	151.95 -1.50 -0.33	204.41 -0.61 -0.70	96.04 -1.03 -0.74	64.74 -0.50 -0.81	63.07 0.58 -0.86	62.10 2.11 -1.15	52.32 1.98 -0.60
NEG CENTRAL___SENECA 23627	51.60 -0.16 0.00	48.14 -0.38 0.00	48.32 -0.39 0.00	48.46 -0.38 0.00	49.45 -0.25 0.00	50.31 -0.17 0.00	116.32 -0.98 0.00	94.40 -0.66 0.00	90.32 -0.61 0.00	57.92 -0.52 0.00	51.33 -0.49 0.00	48.79 -0.23 0.00	52.81 0.03 0.00	53.20 0.07 0.00	51.01 -0.25 0.00	59.50 -0.52 0.00	95.63 -0.87 1.26	152.39 -0.60 0.13	204.26 -0.05 0.00	95.71 -0.62 0.00	64.07 -0.36 0.00	61.06 -0.57 0.00	58.74 -0.10 0.00	49.79 0.05 0.00
NEG CENTRAL___STATE_STREET 24147	52.02 0.25 0.00	48.64 0.12 0.00	48.87 0.17 0.00	49.04 0.20 0.00	49.82 0.11 0.00	50.65 0.16 0.00	117.43 0.13 0.00	95.22 0.16 0.00	90.95 0.02 0.00	58.25 -0.18 0.00	51.51 -0.32 0.00	48.72 -0.30 0.00	52.59 -0.19 0.00	52.93 -0.20 0.00	50.93 -0.33 0.00	59.70 -0.33 0.00	98.74 -0.22 -1.20	153.42 0.19 -0.12	204.84 0.53 0.00	96.33 0.00 0.00	64.44 0.01 0.00	61.53 -0.10 0.00	58.91 0.07 0.00	49.94 0.19 0.00
NEG MILLWOOD___DRP 24198	54.15 2.38 0.00	50.69 2.18 0.00	50.97 2.27 0.00	51.07 2.23 0.00	51.98 2.27 0.00	52.86 2.37 0.00	123.37 6.08 0.00	100.17 5.11 0.00	96.08 5.16 0.00	62.38 3.94 0.00	55.59 3.77 0.00	52.56 3.54 0.00	56.36 3.58 0.00	56.74 3.61 0.00	54.63 3.38 0.00	63.63 3.60 0.00	103.41 5.66 0.00	162.15 9.03 0.00	216.09 11.77 0.00	101.81 5.48 0.00	67.87 3.44 0.00	64.94 3.31 0.00	61.72 2.88 0.00	52.11 2.36 0.00
NEG NORTH_FLCN_SEA 23793	54.00 2.23 0.00	49.55 1.03 0.00	49.01 0.31 0.00	48.65 -0.19 0.00	49.89 0.19 0.00	51.06 0.57 0.00	117.09 -0.21 0.00	94.47 -0.59 0.00	90.74 -0.19 0.00	59.27 0.84 0.00	52.92 1.09 0.00	50.31 1.29 0.00	54.61 1.83 0.00	55.08 1.96 0.00	52.53 1.28 0.00	60.38 0.35 0.00	97.18 -0.58 0.00	151.96 -1.15 0.00	202.85 -1.47 0.00	97.23 0.90 0.00	65.51 1.08 0.00	63.00 1.37 0.00	61.04 2.20 0.00	51.89 2.15 0.00
NEG NORTH_KES_CHATEGAY 23792	53.88 2.11 0.00	49.45 0.94 0.00	48.98 0.28 0.00	48.72 -0.12 0.00	50.05 0.34 0.00	51.30 0.81 0.00	118.20 0.91 0.00	95.42 0.36 0.00	91.61 0.68 0.00	59.53 1.09 0.00	53.11 1.28 0.00	50.42 1.40 0.00	54.71 1.93 0.00	55.19 2.06 0.00	52.67 1.41 0.00	60.75 0.72 0.00	97.77 0.02 0.00	153.19 0.08 0.00	204.72 0.41 0.00	98.16 1.83 0.00	66.11 1.69 0.00	63.36 1.74 0.00	61.30 2.47 0.00	52.13 2.39 0.00
NEG NORTH___ALICE_FALLS 23915	54.35 2.58 0.00	49.87 1.35 0.00	49.36 0.65 0.00	49.04 0.20 0.00	50.35 0.64 0.00	51.59 1.11 0.00	118.68 1.38 0.00	95.83 0.77 0.00	91.93 1.00 0.00	59.66 1.23 0.00	53.21 1.38 0.00	50.61 1.59 0.00	54.91 2.13 0.00	55.39 2.26 0.00	52.84 1.59 0.00	60.96 0.93 0.00	98.35 0.60 0.00	154.19 1.08 0.00	205.96 1.64 0.00	98.63 2.30 0.00	66.42 1.99 0.00	63.74 2.11 0.00	61.68 2.84 0.00	52.42 2.68 0.00
NEG NORTH___LWR_SARANAC 23913	54.35 2.58 0.00	49.87 1.35 0.00	49.36 0.65 0.00	49.04 0.20 0.00	50.35 0.64 0.00	51.59 1.11 0.00	118.68 1.38 0.00	95.83 0.77 0.00	91.93 1.00 0.00	59.66 1.23 0.00	53.21 1.38 0.00	50.61 1.59 0.00	54.91 2.13 0.00	55.39 2.26 0.00	52.84 1.59 0.00	60.96 0.93 0.00	98.35 0.60 0.00	154.19 1.08 0.00	205.96 1.64 0.00	98.63 2.30 0.00	66.42 1.99 0.00	63.74 2.11 0.00	61.68 2.84 0.00	52.42 2.68 0.00
NEG NORTH___PLATTSBURG 23628	54.35 2.58 0.00	49.87 1.35 0.00	49.35 0.65 0.00	49.06 0.22 0.00	50.35 0.64 0.00	51.59 1.11 0.00	118.68 1.38 0.00	95.83 0.77 0.00	91.93 1.00 0.00	59.66 1.22 0.00	53.21 1.38 0.00	50.61 1.59 0.00	54.91 2.12 0.00	55.39 2.26 0.00	52.84 1.59 0.00	60.96 0.93 0.00	98.30 0.54 0.00	154.18 1.07 0.00	206.00 1.68 0.00	98.47 2.14 0.00	66.42 1.99 0.00	63.74 2.11 0.00	61.68 2.84 0.00	52.42 2.68 0.00
NEG WEST_LEA_LOCKPORT 23791	50.77 -0.99 0.00	46.99 -1.52 0.00	47.07 -1.64 0.00	47.16 -1.68 0.00	48.32 -1.38 0.00	48.85 -1.64 0.00	110.34 -6.96 0.00	89.65 -5.41 0.00	86.33 -4.60 0.00	55.68 -2.76 0.00	50.02 -1.81 0.00	48.04 -0.98 0.00	52.34 -0.44 0.00	52.52 -0.61 0.00	49.53 -1.72 0.00	57.12 -2.92 0.00	87.10 -5.65 5.00	144.85 -7.75 0.51	196.15 -8.17 0.00	91.03 -5.30 0.00	61.28 -3.15 0.00	58.37 -3.26 0.00	57.46 -1.37 0.00	49.22 -0.52 0.00
NEG WEST___LANCASTER 23811	51.19 -0.58 0.00	47.49 -1.03 0.00	47.69 -1.01 0.00	47.83 -1.00 0.00	48.82 -0.88 0.00	49.67 -0.81 0.00	112.29 -5.00 0.00	91.33 -3.73 0.00	87.80 -3.13 0.00	56.87 -1.57 0.00	51.09 -0.74 0.00	49.01 -0.01 0.00	53.38 0.60 0.00	53.58 0.45 0.00	50.40 -0.85 0.00	58.06 -1.97 0.00	87.36 -3.85 6.55	147.72 -4.72 0.67	199.54 -4.78 0.00	92.92 -3.41 0.00	62.57 -1.86 0.00	59.48 -2.15 0.00	58.37 -0.47 0.00	49.83 0.09 0.00
NEG_PENN_ALLEGHNY 23528	52.39 0.63 0.00	49.55 0.54 -0.50	50.01 0.58 -0.73	50.50 0.59 -1.08	50.69 0.63 -0.36	51.26 0.72 -0.05	118.79 1.43 -0.06	99.27 1.19 -3.02	92.74 1.01 -0.80	58.87 0.44 0.00	52.27 0.45 0.00	49.55 0.53 0.00	53.44 0.66 0.00	53.75 0.62 0.00	51.61 0.36 0.00	60.52 0.29 -0.20	101.52 0.51 -3.26	156.86 1.25 -2.50	207.53 1.77 -1.45	98.67 0.75 -1.59	67.60 0.73 -2.45	63.79 0.39 -1.77	61.71 0.52 -2.35	51.42 0.46 -1.22
NEG___GEN_MONROE 24207	52.04 0.27 0.00	48.36 -0.15 0.00	48.43 -0.27 0.00	48.58 -0.26 0.00	49.67 -0.03 0.00	50.49 0.00 0.00	115.54 -1.76 0.00	93.82 -1.24 0.00	89.87 -1.06 0.00	57.62 -0.81 0.00	51.38 -0.45 0.00	49.08 0.06 0.00	53.40 0.62 0.00	53.70 0.57 0.00	51.01 -0.25 0.00	59.23 -0.80 0.00	93.08 -1.54 3.14	151.53 -1.26 0.32	204.15 -0.16 0.00	95.20 -1.13 0.00	63.83 -0.60 0.00	60.82 -0.81 0.00	59.10 0.26 0.00	50.26 0.51 0.00
NEPA___ENERGY 23901	50.91 -0.86 0.00	47.16 -1.36 0.00	47.35 -1.36 0.00	47.43 -1.41 0.00	48.38 -1.33 0.00	49.60 -0.89 0.00	112.46 -4.83 0.00	90.88 -4.18 0.00	87.11 -3.82 0.00	57.05 -1.38 0.00	51.28 -0.54 0.00	49.23 0.21 0.00	53.59 0.81 0.00	53.77 0.65 0.00	50.18 -1.08 0.00	57.34 -2.69 0.00	85.94 -5.18 6.63	146.20 -6.23 0.68	196.39 -7.92 0.00	91.94 -4.39 0.00	61.96 -2.47 0.00	58.78 -2.85 0.00	57.62 -1.22 0.00	49.43 -0.32 0.00

NEVERSINK___HYD 23608	54.05 2.28 0.00	50.60 2.09 0.00	50.85 2.15 0.00	50.98 2.15 0.00	51.88 2.18 0.00	52.76 2.27 0.00	123.18 5.89 0.00	99.98 4.91 0.00	95.87 4.94 0.00	61.96 3.53 0.00	54.92 3.09 0.00	51.75 2.73 0.00	55.28 2.50 0.00	54.26 1.13 0.00	52.33 1.08 0.00	61.30 1.27 0.00	100.02 2.27 0.00	156.91 3.80 0.00	209.14 4.83 0.00	98.64 2.30 0.00	66.04 1.61 0.00	64.74 3.11 0.00	61.59 2.75 0.00	51.98 2.24 0.00
NEWKRMKL_115KV_TB1 55635	52.02 0.26 0.00	48.94 0.42 0.00	49.14 0.43 0.00	49.25 0.42 0.00	50.06 0.36 0.00	50.91 0.42 0.00	118.46 1.16 0.00	96.05 0.99 0.00	91.74 0.81 0.00	58.65 0.21 0.00	51.82 -0.01 0.00	48.93 -0.09 0.00	52.57 -0.21 0.00	52.98 -0.14 0.00	51.60 0.34 0.00	60.74 0.71 0.00	99.07 1.31 0.00	154.90 1.78 0.00	206.52 2.20 0.00	98.06 1.73 0.00	65.52 1.09 0.00	62.73 1.10 0.00	59.66 0.82 0.00	50.33 0.59 0.00
NEWTON___FALLS_HYD 23847	53.33 1.57 0.00	49.32 0.81 0.00	49.11 0.40 0.00	49.03 0.20 0.00	50.14 0.44 0.00	51.10 0.61 0.00	118.35 1.06 0.00	95.80 0.74 0.00	91.59 0.65 0.00	58.74 0.30 0.00	52.39 0.56 0.00	49.59 0.57 0.00	53.63 0.84 0.00	53.98 0.85 0.00	51.89 0.63 0.00	60.22 0.19 0.00	97.55 -0.20 0.00	152.81 -0.30 0.00	203.85 -0.46 0.00	97.03 0.70 0.00	65.33 0.90 0.00	62.66 1.04 0.00	60.43 1.60 0.00	51.36 1.62 0.00
NGRID_A1_DSASP 323792	49.86 -1.90 0.00	46.30 -2.22 0.00	46.45 -2.26 0.00	46.64 -2.20 0.00	47.57 -2.13 0.00	48.06 -2.43 0.00	108.34 -8.96 0.00	88.28 -6.79 0.00	85.01 -5.92 0.00	54.83 -3.61 0.00	49.32 -2.51 0.00	47.38 -1.64 0.00	51.60 -1.18 0.00	51.80 -1.32 0.00	48.89 -2.37 0.00	56.31 -3.72 0.00	85.23 -7.43 5.10	141.85 -10.74 0.52	192.50 -11.81 0.00	88.94 -7.39 0.00	60.21 -4.22 0.00	57.18 -4.44 0.00	56.80 -2.03 0.00	48.54 -1.20 0.00
NGRID_A2_DSASP 323793	49.86 -1.90 0.00	46.30 -2.22 0.00	46.45 -2.26 0.00	46.64 -2.20 0.00	47.57 -2.13 0.00	48.06 -2.43 0.00	108.34 -8.96 0.00	88.28 -6.79 0.00	85.01 -5.92 0.00	54.83 -3.61 0.00	49.32 -2.51 0.00	47.38 -1.64 0.00	51.60 -1.18 0.00	51.80 -1.32 0.00	48.89 -2.37 0.00	56.31 -3.72 0.00	85.23 -7.43 5.10	141.85 -10.74 0.52	192.50 -11.81 0.00	88.94 -7.39 0.00	60.21 -4.22 0.00	57.18 -4.44 0.00	56.80 -2.03 0.00	48.54 -1.20 0.00
NGRID_A4_DSASP 323807	49.86 -1.90 0.00	46.30 -2.22 0.00	46.45 -2.26 0.00	46.64 -2.20 0.00	47.57 -2.13 0.00	48.06 -2.43 0.00	108.34 -8.96 0.00	88.28 -6.79 0.00	85.01 -5.92 0.00	54.83 -3.61 0.00	49.32 -2.51 0.00	47.38 -1.64 0.00	51.60 -1.18 0.00	51.80 -1.32 0.00	48.89 -2.37 0.00	56.31 -3.72 0.00	85.23 -7.43 5.10	141.85 -10.74 0.52	192.50 -11.81 0.00	88.94 -7.39 0.00	60.21 -4.22 0.00	57.18 -4.44 0.00	56.80 -2.03 0.00	48.54 -1.20 0.00
NIAGARA_115E_LBMP 323715	50.14 -1.63 0.00	45.62 -2.17 0.72	45.30 -2.34 1.06	44.85 -2.42 1.57	47.08 -2.09 0.53	47.97 -2.44 0.08	108.17 -9.04 0.09	83.50 -7.14 4.41	83.62 -6.15 1.17	54.76 -3.68 0.00	49.21 -2.62 0.00	47.29 -1.73 0.00	51.47 -1.31 0.00	51.72 -1.41 0.00	48.78 -2.48 0.00	55.86 -3.86 0.31	81.66 -7.40 8.69	138.40 -10.47 4.24	190.28 -11.80 2.24	86.92 -6.97 2.44	56.48 -4.31 3.64	54.55 -4.33 2.74	52.88 -2.33 3.64	46.53 -1.33 1.89
NIAGARA_115W_LBMP 323714	49.76 -2.00 0.00	45.43 -2.34 0.75	45.29 -2.32 1.09	44.90 -2.32 1.62	46.93 -2.23 0.54	47.88 -2.53 0.08	108.07 -9.13 0.09	83.59 -6.94 4.54	83.68 -6.05 1.20	54.72 -3.71 0.00	49.18 -2.64 0.00	47.26 -1.76 0.00	51.45 -1.34 0.00	51.70 -1.43 0.00	48.79 -2.47 0.00	55.88 -3.83 0.32	81.55 -7.45 8.75	137.73 -11.03 4.35	189.96 -12.05 2.31	86.32 -7.50 2.52	56.40 -4.28 3.75	54.23 -4.56 2.83	52.96 -2.12 3.75	46.51 -1.29 1.95
NIAGARA_230_LBMP 323716	50.16 -1.61 0.00	45.75 -2.03 0.74	45.57 -2.05 1.09	45.13 -2.10 1.61	47.29 -1.87 0.54	48.29 -2.12 0.08	109.13 -8.07 0.09	84.19 -6.36 4.51	84.26 -5.47 1.19	55.22 -3.22 0.00	49.60 -2.22 0.00	47.64 -1.38 0.00	51.86 -0.92 0.00	52.12 -1.01 0.00	49.19 -2.07 0.00	56.36 -3.35 0.32	82.64 -6.52 8.59	139.56 -9.23 4.32	191.78 -10.24 2.30	87.64 -6.18 2.51	56.97 -3.73 3.73	54.99 -3.81 2.82	53.25 -1.86 3.73	46.85 -0.96 1.94
NIAGARA___115KV_198_GIBSON 55903	49.77 -2.00 0.00	46.22 -2.30 0.00	46.36 -2.34 0.00	46.56 -2.28 0.00	47.49 -2.21 0.00	47.96 -2.53 0.00	108.15 -9.15 0.00	88.12 -6.94 0.00	84.86 -6.07 0.00	54.71 -3.72 0.00	49.22 -2.61 0.00	47.29 -1.73 0.00	51.50 -1.28 0.00	51.70 -1.42 0.00	48.79 -2.46 0.00	56.20 -3.83 0.00	85.07 -7.61 5.08	141.48 -11.11 0.52	192.15 -12.16 0.00	88.72 -7.61 0.00	60.09 -4.34 0.00	57.06 -4.57 0.00	56.71 -2.13 0.00	48.46 -1.29 0.00
NIAGARA____ 23760	50.16 -1.61 0.00	45.76 -2.03 0.73	45.59 -2.05 1.07	45.16 -2.10 1.58	47.30 -1.87 0.53	48.29 -2.12 0.08	109.13 -8.07 0.09	84.21 -6.36 4.48	84.27 -5.47 1.19	55.22 -3.22 0.00	49.60 -2.22 0.00	47.64 -1.38 0.00	51.86 -0.92 0.00	52.12 -1.01 0.00	49.19 -2.07 0.00	56.37 -3.35 0.31	82.60 -6.52 8.63	139.58 -9.23 4.30	191.79 -10.24 2.28	87.66 -6.18 2.49	57.00 -3.73 3.71	55.01 -3.81 2.80	53.28 -1.86 3.70	46.88 -0.96 1.91
NINE_MILE_1 23575	50.09 -1.68 0.00	46.89 -1.63 0.00	47.05 -1.65 0.00	47.19 -1.65 0.00	48.07 -1.63 0.00	48.82 -1.67 0.00	113.26 -4.03 0.00	91.85 -3.21 0.00	87.88 -3.05 0.00	56.38 -2.05 0.00	50.00 -1.82 0.00	47.33 -1.69 0.00	51.00 -1.78 0.00	51.31 -1.82 0.00	49.43 -1.83 0.00	57.87 -2.16 0.00	94.27 -3.49 0.00	147.85 -5.26 0.00	197.40 -6.91 0.00	92.98 -3.36 0.00	62.20 -2.23 0.00	59.44 -2.19 0.00	56.85 -1.99 0.00	48.08 -1.67 0.00
NINE_MILE_2 23744	50.09 -1.68 0.00	46.90 -1.62 0.00	47.06 -1.64 0.00	47.19 -1.65 0.00	48.07 -1.63 0.00	48.82 -1.67 0.00	113.26 -4.03 0.00	91.85 -3.21 0.00	87.88 -3.05 0.00	56.38 -2.05 0.00	50.00 -1.82 0.00	47.33 -1.69 0.00	51.00 -1.78 0.00	51.32 -1.81 0.00	49.43 -1.82 0.00	57.87 -2.16 0.00	94.27 -3.49 0.00	147.85 -5.26 0.00	197.47 -6.84 0.00	92.98 -3.36 0.00	62.20 -2.23 0.00	59.44 -2.19 0.00	56.85 -1.99 0.00	48.08 -1.66 0.00
NM_CAPITAL___DRP 24208	52.15 0.39 0.00	49.05 0.53 0.00	49.25 0.55 0.00	49.34 0.51 0.00	50.18 0.47 0.00	51.03 0.55 0.00	118.67 1.37 0.00	96.26 1.20 0.00	91.92 1.00 0.00	58.74 0.31 0.00	51.89 0.06 0.00	48.98 -0.04 0.00	52.63 -0.15 0.00	53.05 -0.08 0.00	51.67 0.41 0.00	60.83 0.80 0.00	99.19 1.44 0.00	155.16 2.05 0.00	206.73 2.42 0.00	97.98 1.65 0.00	65.48 1.05 0.00	62.71 1.09 0.00	59.64 0.80 0.00	50.34 0.59 0.00
NM_CENTRAL___DRP 24181	51.07 -0.70 0.00	47.81 -0.71 0.00	47.99 -0.71 0.00	48.14 -0.70 0.00	49.04 -0.66 0.00	49.84 -0.65 0.00	115.70 -1.60 0.00	93.86 -1.20 0.00	89.77 -1.16 0.00	57.61 -0.83 0.00	51.08 -0.75 0.00	48.35 -0.67 0.00	52.12 -0.66 0.00	52.40 -0.72 0.00	50.47 -0.79 0.00	59.12 -0.91 0.00	96.36 -1.39 0.00	151.21 -1.90 0.00	201.96 -2.35 0.00	95.03 -1.30 0.00	63.57 -0.86 0.00	60.69 -0.94 0.00	58.02 -0.82 0.00	49.05 -0.70 0.00

NM_FRONTIER___DRP 24179	49.77 -2.00 0.00	46.22 -2.30 0.00	46.36 -2.34 0.00	46.56 -2.28 0.00	47.49 -2.21 0.00	47.96 -2.53 0.00	108.15 -9.15 0.00	88.12 -6.94 0.00	84.86 -6.07 0.00	54.71 -3.72 0.00	49.22 -2.61 0.00	47.29 -1.73 0.00	51.50 -1.28 0.00	51.70 -1.42 0.00	48.79 -2.46 0.00	56.20 -3.83 0.00	85.07 -7.61 5.08	141.48 -11.11 0.52	192.15 -12.16 0.00	88.72 -7.61 0.00	60.09 -4.34 0.00	57.06 -4.57 0.00	56.71 -2.13 0.00	48.46 -1.29 0.00
NM_ST_REGIS___HYD 24053	54.28 2.52 0.00	49.85 1.34 0.00	49.46 0.76 0.00	49.25 0.41 0.00	50.50 0.80 0.00	51.78 1.29 0.00	119.50 2.21 0.00	96.34 1.28 0.00	92.39 1.46 0.00	59.86 1.42 0.00	53.42 1.59 0.00	50.71 1.68 0.00	54.99 2.21 0.00	55.49 2.36 0.00	53.02 1.77 0.00	60.93 0.90 0.00	97.82 0.06 0.00	152.67 -0.44 0.00	203.78 -0.54 0.00	97.67 1.34 0.00	65.94 1.51 0.00	63.31 1.68 0.00	61.46 2.62 0.00	52.45 2.70 0.00
NORTHPORT___1 23551	54.78 3.02 0.01	47.89 2.71 3.33	50.90 2.76 0.57	51.44 2.61 0.01	52.60 2.90 0.01	52.44 1.95 0.01	52.41 3.28 68.17	37.67 3.11 60.50	56.43 3.92 38.41	57.39 5.03 6.08	56.94 5.04 -0.07	53.66 4.74 0.10	57.22 4.53 0.09	57.01 4.59 0.71	55.11 4.03 0.17	20.23 3.34 43.15	22.41 4.83 80.19	65.03 7.88 95.95	128.79 10.13 85.65	12.01 5.22 89.55	12.01 3.12 55.54	12.01 3.03 52.64	15.95 2.82 45.71	52.21 2.66 0.20
NORTHPORT___2 23552	54.78 3.02 0.01	47.89 2.71 3.33	50.90 2.76 0.57	51.44 2.61 0.01	52.60 2.90 0.01	52.44 1.95 0.01	52.41 3.28 68.17	37.67 3.11 60.50	56.43 3.92 38.41	57.39 5.03 6.08	56.94 5.04 -0.07	53.66 4.74 0.10	57.22 4.53 0.09	57.01 4.59 0.71	55.11 4.03 0.17	20.23 3.34 43.15	22.41 4.83 80.19	65.03 7.88 95.95	128.79 10.13 85.65	12.01 5.22 89.55	12.01 3.12 55.54	12.01 3.03 52.64	15.95 2.82 45.71	52.21 2.66 0.20
NORTHPORT___3 23553	54.79 3.03 0.01	47.96 2.75 3.31	50.93 2.78 0.56	51.47 2.64 0.01	52.59 2.90 0.01	52.42 1.93 0.01	80.58 3.27 39.98	62.66 3.09 35.49	72.33 3.93 22.53	60.07 5.06 3.43	56.96 5.07 -0.06	53.70 4.77 0.10	57.26 4.58 0.09	57.05 4.62 0.70	55.12 4.03 0.17	38.05 3.33 25.31	55.41 4.79 47.14	104.70 7.87 56.28	164.18 10.11 50.24	48.96 5.16 52.52	34.94 3.09 32.57	33.73 2.99 30.88	34.83 2.81 26.81	52.27 2.64 0.12
NORTHPORT___4 23650	54.79 3.03 0.01	47.96 2.75 3.31	50.93 2.78 0.56	51.47 2.64 0.01	52.59 2.90 0.01	52.42 1.93 0.01	80.58 3.27 39.98	62.66 3.09 35.49	72.33 3.93 22.53	60.07 5.06 3.43	56.96 5.07 -0.06	53.70 4.77 0.10	57.26 4.58 0.09	57.05 4.62 0.70	55.12 4.03 0.17	38.05 3.33 25.31	55.41 4.79 47.14	104.70 7.87 56.28	164.18 10.11 50.24	48.96 5.16 52.52	34.94 3.09 32.57	33.73 2.99 30.88	34.83 2.81 26.81	52.27 2.64 0.12
NORTHPORT___IC 23718	54.78 3.03 0.01	47.89 2.71 3.33	50.90 2.77 0.57	51.45 2.62 0.01	52.62 2.92 0.01	52.44 1.96 0.01	52.42 3.29 68.17	37.67 3.11 60.50	56.43 3.91 38.41	57.37 5.02 6.08	56.84 4.95 -0.07	53.59 4.67 0.10	57.14 4.46 0.09	56.97 4.55 0.71	55.10 4.02 0.17	20.24 3.35 43.15	22.41 4.84 80.19	65.04 7.88 95.95	128.80 10.13 85.65	12.01 5.23 89.55	12.01 3.12 55.54	12.00 3.03 52.64	15.97 2.84 45.71	52.20 2.66 0.20
NORTH___COUNTRY_ESR 323785	53.73 1.96 0.00	49.33 0.81 0.00	48.86 0.15 0.00	48.64 -0.20 0.00	49.95 0.24 0.00	51.18 0.69 0.00	117.93 0.63 0.00	95.14 0.08 0.00	91.36 0.43 0.00	59.40 0.96 0.00	53.03 1.20 0.00	50.41 1.39 0.00	54.71 1.93 0.00	55.19 2.06 0.00	52.67 1.41 0.00	60.68 0.65 0.00	97.44 -0.32 0.00	152.67 -0.44 0.00	204.02 -0.29 0.00	97.64 1.31 0.00	65.88 1.45 0.00	63.15 1.52 0.00	61.12 2.28 0.00	51.97 2.23 0.00
NPX_GEN_1385_PROXY 323591	54.78 3.02 0.01	47.72 2.54 3.33	50.81 2.68 0.57	51.33 2.50 0.01	51.49 3.33 1.54	55.36 2.39 -2.48	148.38 4.28 -26.80	81.08 3.93 17.91	57.11 4.59 38.41	57.31 4.96 6.08	56.61 4.71 -0.07	41.89 4.30 11.43	4.49 4.05 52.34	44.17 4.12 13.08	55.24 4.15 0.17	20.75 3.87 43.15	24.27 5.62 79.11	65.19 8.04 95.95	129.71 11.04 85.65	12.57 5.79 89.55	30.94 3.69 37.17	133.05 3.56 -67.87	73.93 3.34 -11.75	53.46 3.08 -0.64
NPX_GEN_CSC 323557	55.71 3.95 0.01	48.85 3.51 3.18	51.69 3.53 0.54	52.25 3.42 0.01	51.91 3.75 1.54	53.33 2.95 0.12	136.44 5.66 -13.49	112.00 5.01 -11.92	104.30 5.80 -7.57	66.56 6.45 -1.68	58.54 6.26 -0.45	54.66 5.70 0.06	58.15 5.46 0.09	57.77 5.31 0.67	55.94 4.83 0.15	73.02 4.49 -8.49	120.20 6.94 -15.50	183.81 11.79 -18.91	236.73 15.54 -16.88	121.57 7.59 -17.65	80.05 4.68 -10.95	76.49 4.49 -10.38	72.12 4.29 -9.00	53.62 3.84 -0.03
NSINS_S_GLNS_FALLS 23858	55.31 3.55 0.00	51.87 3.35 0.00	52.18 3.47 0.00	52.27 3.43 0.00	53.13 3.42 0.00	54.41 3.92 0.00	126.75 9.45 0.00	102.73 7.67 0.00	97.30 6.37 0.00	61.48 3.04 0.00	54.21 2.38 0.00	51.04 2.03 0.00	55.02 2.24 0.00	55.35 2.22 0.00	54.28 3.02 0.00	64.35 4.31 0.00	105.50 7.74 0.00	165.75 12.64 0.00	220.76 16.45 0.00	103.29 6.96 0.00	69.20 4.77 0.00	65.96 4.34 0.00	62.90 4.06 0.00	52.96 3.21 0.00
NUCOR_STEEL___DRP 24197	52.00 0.24 0.00	48.61 0.09 0.00	48.85 0.14 0.00	49.02 0.18 0.00	49.77 0.06 0.00	50.60 0.11 0.00	117.29 0.00 0.00	95.13 0.07 0.00	90.83 -0.10 0.00	58.19 -0.25 0.00	51.45 -0.38 0.00	48.66 -0.37 0.00	52.52 -0.26 0.00	52.84 -0.28 0.00	50.86 -0.40 0.00	59.62 -0.40 0.00	98.56 -0.34 -1.14	153.24 0.01 -0.12	204.55 0.23 0.00	96.17 -0.16 0.00	64.35 -0.08 0.00	61.44 -0.18 0.00	58.80 -0.04 0.00	49.88 0.14 0.00
NUMBER_THREE_WT_PWR 323818	53.40 1.64 0.00	49.72 1.21 0.00	49.69 0.98 0.00	49.76 0.92 0.00	50.81 1.11 0.00	51.73 1.25 0.00	120.16 2.86 0.00	97.58 2.52 0.00	93.11 2.18 0.00	59.24 0.80 0.00	52.53 0.70 0.00	49.52 0.50 0.00	53.41 0.63 0.00	53.62 0.50 0.00	51.82 0.56 0.00	60.82 0.79 0.00	99.93 2.18 0.00	157.32 4.20 0.00	209.91 5.59 0.00	99.15 2.82 0.00	66.46 2.03 0.00	63.39 1.77 0.00	60.68 1.85 0.00	51.31 1.57 0.00
NYISO_LBMP_REFERENCE 24008	51.77 0.00 0.00	48.52 0.00 0.00	48.70 0.00 0.00	48.84 0.00 0.00	49.70 0.00 0.00	50.49 0.00 0.00	117.30 0.00 0.00	95.06 0.00 0.00	90.93 0.00 0.00	58.44 0.00 0.00	51.83 0.00 0.00	49.02 0.00 0.00	52.78 0.00 0.00	53.13 0.00 0.00	51.26 0.00 0.00	60.03 0.00 0.00	97.76 0.00 0.00	153.11 0.00 0.00	204.31 0.00 0.00	96.33 0.00 0.00	64.43 0.00 0.00	61.62 0.00 0.00	58.84 0.00 0.00	49.75 0.00 0.00
NYPA_BRENTWD____GT 24164	55.50 3.75 0.01	49.02 3.22 2.72	51.62 3.38 0.46	52.07 3.24 0.01	53.24 3.54 0.01	53.19 2.70 0.01	134.05 5.14 -11.62	110.12 4.74 -10.31	102.67 5.19 -6.55	66.01 5.95 -1.63	57.78 5.76 -0.20	54.42 5.36 -0.04	58.02 5.31 0.08	57.83 5.26 0.55	55.91 4.76 0.11	72.00 4.62 -7.35	117.79 6.62 -13.41	179.78 10.31 -16.36	232.42 13.50 -14.60	119.10 7.51 -15.26	78.47 4.57 -9.47	74.95 4.35 -8.97	70.70 4.07 -7.79	53.29 3.51 -0.03

NYPA_GOWANUS____GT5 24156	54.11	50.62	50.94	50.97	51.89	52.62	122.78	99.68	95.92	62.49	55.96	54.05	56.81	57.44	55.99	63.63	103.05	161.29	214.75	101.15	67.40	64.57	61.45	52.01
	2.34	2.10	2.23	2.14	2.19	2.13	5.48	4.62	4.99	4.05	4.14	4.08	4.03	4.09	3.72	3.59	5.29	8.18	10.44	4.82	2.97	2.94	2.61	2.26
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.95	0.00	-0.22	-1.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA_GOWANUS____GT6 24157	54.11	50.62	50.94	50.97	51.89	52.62	122.78	99.68	95.92	62.49	55.96	54.05	56.81	57.44	55.99	63.63	103.05	161.29	214.75	101.15	67.40	64.57	61.45	52.01
	2.34	2.10	2.23	2.14	2.19	2.13	5.48	4.62	4.99	4.05	4.14	4.08	4.03	4.09	3.72	3.59	5.29	8.18	10.44	4.82	2.97	2.94	2.61	2.26
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.95	0.00	-0.22	-1.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA_HARLEM__RVR__GT1 24160	54.09	50.67	50.89	50.91	51.85	52.30	122.26	99.35	95.64	62.19	55.67	53.78	56.58	57.14	55.72	63.41	102.91	161.00	214.38	101.04	67.35	64.48	61.28	51.84
	2.32	2.15	2.18	2.08	2.14	1.81	4.97	4.29	4.71	3.75	3.84	3.82	3.80	3.80	3.47	3.38	5.16	7.89	10.07	4.71	2.92	2.85	2.44	2.09
	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.94	0.00	-0.22	-1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA_HARLEM__RVR__GT2 24161	54.09	50.67	50.89	50.91	51.85	52.30	122.26	99.35	95.64	62.19	55.67	53.78	56.58	57.14	55.72	63.41	102.91	161.00	214.38	101.04	67.35	64.48	61.28	51.84
	2.32	2.15	2.18	2.08	2.14	1.81	4.97	4.29	4.71	3.75	3.84	3.82	3.80	3.80	3.47	3.38	5.16	7.89	10.07	4.71	2.92	2.85	2.44	2.09
	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.94	0.00	-0.22	-1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA_KENT____GT 24152	53.98	50.54	50.89	50.93	51.85	52.57	122.64	99.57	95.81	62.42	55.95	54.00	56.81	57.40	55.95	63.61	103.02	161.24	214.65	101.09	67.37	64.54	61.38	51.95
	2.21	2.03	2.18	2.09	2.15	2.08	5.34	4.51	4.88	3.99	4.12	4.04	4.02	4.06	3.69	3.58	5.26	8.13	10.34	4.76	2.94	2.91	2.55	2.21
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.94	0.00	-0.22	-1.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA_POUCH1____GT 24155	54.11	50.60	50.91	50.92	51.85	52.56	122.59	99.44	95.69	62.33	55.86	53.95	56.65	57.30	55.85	63.44	102.70	160.76	214.07	100.83	67.21	64.42	61.30	51.90
	2.34	2.09	2.20	2.09	2.15	2.07	5.29	4.38	4.76	3.89	4.03	3.99	3.86	3.95	3.59	3.41	4.95	7.64	9.76	4.50	2.78	2.79	2.47	2.16
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.95	0.00	-0.22	-1.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA_VERNON____GT2 24162	53.87	50.45	50.86	50.90	51.82	52.53	122.50	99.45	95.68	62.38	55.92	53.94	56.80	57.38	55.93	63.60	102.97	161.18	214.60	101.03	67.32	64.49	61.32	51.91
	2.10	1.93	2.16	2.06	2.12	2.05	5.21	4.39	4.75	3.94	4.09	3.98	4.02	4.03	3.68	3.57	5.21	8.07	10.29	4.70	2.90	2.86	2.48	2.17
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.94	0.00	-0.22	-1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA_VERNON____GT3 24163	53.87	50.45	50.86	50.90	51.82	52.53	122.50	99.45	95.68	62.38	55.92	53.94	56.80	57.38	55.93	63.60	102.97	161.18	214.60	101.03	67.32	64.49	61.32	51.91
	2.10	1.93	2.16	2.06	2.12	2.05	5.21	4.39	4.75	3.94	4.09	3.98	4.02	4.03	3.68	3.57	5.21	8.07	10.29	4.70	2.90	2.86	2.48	2.17
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.94	0.00	-0.22	-1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA____ASTORIA_CC1 323568	53.80	50.40	50.84	50.89	51.81	52.50	122.40	99.41	95.63	62.34	55.88	53.91	56.77	57.34	55.89	63.57	102.92	161.07	214.44	100.99	67.30	64.47	61.31	51.88
	2.03	1.88	2.14	2.05	2.10	2.01	5.10	4.34	4.70	3.90	4.05	3.95	3.99	4.00	3.64	3.54	5.17	7.95	10.12	4.66	2.88	2.85	2.48	2.14
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.94	0.00	-0.22	-1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA____ASTORIA_CC2 323569	53.80	50.40	50.84	50.89	51.81	52.50	122.40	99.41	95.63	62.34	55.88	53.91	56.77	57.34	55.89	63.57	102.92	161.07	214.44	100.99	67.30	64.47	61.31	51.88
	2.03	1.88	2.14	2.05	2.10	2.01	5.10	4.34	4.70	3.90	4.05	3.95	3.99	4.00	3.64	3.54	5.17	7.95	10.12	4.66	2.88	2.85	2.48	2.14
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.94	0.00	-0.22	-1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA____HOLTSVILL 23794	55.15	48.33	51.21	51.75	52.91	52.82	135.56	111.33	103.47	65.79	57.86	54.11	57.64	57.40	55.47	72.76	119.64	182.35	234.28	120.97	79.63	76.14	71.75	52.96
	3.39	3.02	3.05	2.92	3.21	2.33	4.17	3.76	4.59	5.62	5.58	5.16	4.95	4.95	4.37	3.81	5.61	9.38	12.25	6.11	3.71	3.63	3.46	3.18
	0.01	3.21	0.54	0.01	0.01	0.01	-14.10	-12.52	-7.95	-1.73	-0.45	0.07	0.09	0.68	0.15	-8.92	-16.28	-19.85	-17.72	-18.52	-11.49	-10.89	-9.45	-0.04
NYPA____HELLGATE_GT1 24158	54.09	50.67	50.89	50.91	51.85	52.29	122.07	99.21	95.48	62.10	55.67	53.78	56.58	57.14	55.72	63.35	102.78	160.72	214.07	100.89	67.25	64.38	61.18	51.84
	2.32	2.15	2.18	2.08	2.14	1.81	4.77	4.15	4.55	3.67	3.84	3.82	3.80	3.80	3.46	3.32	5.03	7.61	9.76	4.56	2.82	2.75	2.35	2.09
	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.94	0.00	-0.22	-1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA____HELLGATE_GT2 24159	54.09	50.67	50.89	50.91	51.85	52.29	122.07	99.21	95.48	62.10	55.67	53.78	56.58	57.14	55.72	63.35	102.78	160.72	214.07	100.89	67.25	64.38	61.18	51.84
	2.32	2.15	2.18	2.08	2.14	1.81	4.77	4.15	4.55	3.67	3.84	3.82	3.80	3.80	3.46	3.32	5.03	7.61	9.76	4.56	2.82	2.75	2.35	2.09
	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.94	0.00	-0.22	-1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYS_BARGE____HYD 23848	50.81	46.36	46.12	45.72	47.85	48.78	110.27	85.68	85.34	55.68	49.97	48.01	52.28	52.51	49.53	56.84	84.00	141.60	194.33	88.94	58.02	55.91	54.21	47.52
	-0.95	-1.50	-1.62	-1.68	-1.38	-1.64	-6.94	-5.36	-4.53	-2.75	-1.86	-1.01	-0.49	-0.61	-1.73	-2.91	-5.63	-7.65	-7.95	-5.18	-3.10	-3.23	-1.33	-0.52
	0.00	0.66	0.97	1.43	0.48	0.07	0.08	4.01	1.06	0.00	0.00	0.00	0.00	0.00	0.00	0.28	8.12	3.86	2.03	2.21	3.31	2.48	3.29	1.71
OAK ORCHARD____HYD 24046	51.41	47.42	47.42	47.26	48.90	49.91	114.54	90.76	88.66	57.36	51.19	48.90	53.08	53.37	50.76	58.83	90.79	148.54	201.38	93.30	61.48	59.02	56.77	48.87
	-0.36	-0.72	-0.73	-0.75	-0.53	-0.54	-2.71	-1.97	-1.66	-1.08	-0.64	-0.12	0.29	0.24	-0.49	-1.04	-2.07	-2.35	-1.77	-1.77	-1.04	-1.19	-0.19	0.10
	0.00	0.38	0.56	0.83	0.28	0.04	0.05	2.32	0.61	0.00	0.00	0.00	0.00	0.00	0.00	0.16	4.89	2.23	1.16	1.27	1.90	1.42	1.88	0.98

OAKDALE___35_KV_LOAD 356122	52.26 0.49 0.00	48.94 0.42 0.00	49.17 0.47 0.00	49.32 0.49 0.00	50.21 0.51 0.00	51.05 0.56 0.00	118.27 0.97 0.00	95.86 0.80 0.00	91.65 0.72 0.00	58.70 0.26 0.00	52.16 0.34 0.00	49.45 0.43 0.00	53.33 0.55 0.00	53.64 0.51 0.00	51.47 0.21 0.00	60.09 0.06 0.00	98.71 0.07 -0.88	153.69 0.49 -0.09	205.07 0.76 0.00	96.59 0.26 0.00	64.89 0.46 0.00	61.73 0.10 0.00	59.14 0.31 0.00	50.03 0.29 0.00
OCC_CHEM___DRP 24175	49.86 -1.90 0.00	46.30 -2.22 0.00	46.45 -2.26 0.00	46.64 -2.20 0.00	47.57 -2.13 0.00	48.06 -2.43 0.00	108.34 -8.96 0.00	88.28 -6.79 0.00	85.01 -5.92 0.00	54.83 -3.61 0.00	49.32 -2.51 0.00	47.38 -1.64 0.00	51.60 -1.18 0.00	51.80 -1.32 0.00	48.89 -2.37 0.00	56.31 -3.72 0.00	85.23 -7.43 5.10	141.85 -10.74 0.52	192.50 -11.81 0.00	88.94 -7.39 0.00	60.21 -4.22 0.00	57.18 -4.44 0.00	56.80 -2.03 0.00	48.54 -1.20 0.00
OH_GEN_PROXY 24063	50.15 -1.61 0.00	45.68 -2.03 0.80	45.49 -2.05 1.17	45.01 -2.09 1.74	45.72 -1.88 2.11	48.22 -2.07 0.19	109.43 -7.81 0.05	84.00 -6.18 4.87	84.34 -5.30 1.29	55.33 -3.10 0.00	49.71 -2.12 0.00	47.74 -1.28 0.00	51.95 -0.83 0.00	52.22 -0.91 0.00	49.29 -1.97 0.00	56.45 -3.24 0.34	82.52 -6.33 8.90	139.53 -8.93 4.65	191.98 -9.84 2.50	87.61 -6.00 2.73	56.79 -3.61 4.04	54.85 -3.71 3.06	52.96 -1.81 4.06	46.66 -0.97 2.11
OLIN_CORP_DRP 24177	50.19 -1.57 0.00	46.39 -2.13 0.00	46.43 -2.28 0.00	46.50 -2.34 0.00	47.70 -2.01 0.00	48.14 -2.35 0.00	108.49 -8.80 0.00	88.11 -6.95 0.00	84.95 -5.98 0.00	54.88 -3.56 0.00	49.34 -2.49 0.00	47.42 -1.60 0.00	51.63 -1.15 0.00	51.82 -1.31 0.00	48.89 -2.37 0.00	56.31 -3.72 0.00	85.39 -7.16 5.21	142.35 -10.23 0.53	192.90 -11.41 0.00	89.48 -6.85 0.00	60.21 -4.22 0.00	57.41 -4.21 0.00	56.59 -2.24 0.00	48.51 -1.24 0.00
OLIN_CORP_DSASP 323712	49.86 -1.90 0.00	46.30 -2.22 0.00	46.45 -2.26 0.00	46.64 -2.20 0.00	47.57 -2.13 0.00	48.06 -2.43 0.00	108.34 -8.96 0.00	88.28 -6.79 0.00	85.01 -5.92 0.00	54.83 -3.61 0.00	49.32 -2.51 0.00	47.38 -1.64 0.00	51.60 -1.18 0.00	51.80 -1.32 0.00	48.89 -2.37 0.00	56.31 -3.72 0.00	85.23 -7.43 5.10	141.85 -10.74 0.52	192.50 -11.81 0.00	88.94 -7.39 0.00	60.21 -4.22 0.00	57.18 -4.44 0.00	56.80 -2.03 0.00	48.54 -1.20 0.00
ONEIDA_HERK_LFGE 323681	53.27 1.50 0.00	49.79 1.28 0.00	49.87 1.17 0.00	49.97 1.14 0.00	50.97 1.27 0.00	51.91 1.42 0.00	120.71 3.41 0.00	97.88 2.82 0.00	93.43 2.50 0.00	59.76 1.33 0.00	52.97 1.14 0.00	49.95 0.93 0.00	53.84 1.06 0.00	54.15 1.02 0.00	52.21 0.96 0.00	61.35 1.32 0.00	100.50 2.75 0.00	157.86 4.75 0.00	210.69 6.37 0.00	99.40 3.07 0.00	66.53 2.10 0.00	63.48 1.85 0.00	60.66 1.83 0.00	51.23 1.49 0.00
ONEIDA___115KV_TB4 55905	53.22 1.45 0.00	49.87 1.35 0.00	50.05 1.34 0.00	50.20 1.36 0.00	51.19 1.49 0.00	52.15 1.67 0.00	121.40 4.10 0.00	98.54 3.48 0.00	94.05 3.12 0.00	60.31 1.87 0.00	53.31 1.48 0.00	50.20 1.18 0.00	54.17 1.39 0.00	54.35 1.23 0.00	52.27 1.01 0.00	61.49 1.46 0.00	100.82 3.06 0.00	158.28 5.17 0.00	211.32 7.00 0.00	99.52 3.19 0.00	66.55 2.12 0.00	63.48 1.86 0.00	60.60 1.77 0.00	51.15 1.41 0.00
ONONDAGA_REF_OCCRA 23987	51.57 -0.20 0.00	48.28 -0.24 0.00	48.47 -0.24 0.00	48.61 -0.23 0.00	49.50 -0.20 0.00	50.35 -0.14 0.00	116.94 -0.36 0.00	94.84 -0.22 0.00	90.66 -0.27 0.00	58.12 -0.32 0.00	51.49 -0.34 0.00	48.72 -0.30 0.00	52.52 -0.26 0.00	52.79 -0.33 0.00	50.88 -0.38 0.00	59.66 -0.37 0.00	98.19 -0.44 -0.87	152.92 -0.28 -0.09	204.13 -0.18 0.00	96.06 -0.27 0.00	64.24 -0.18 0.00	61.34 -0.29 0.00	58.60 -0.23 0.00	49.52 -0.23 0.00
ONONDAGA___COGEN 23986	51.40 -0.36 0.00	48.12 -0.39 0.00	48.32 -0.39 0.00	48.45 -0.38 0.00	49.30 -0.41 0.00	50.12 -0.37 0.00	116.37 -0.93 0.00	94.35 -0.71 0.00	90.18 -0.75 0.00	57.85 -0.59 0.00	51.24 -0.59 0.00	48.51 -0.51 0.00	52.31 -0.47 0.00	52.60 -0.52 0.00	50.68 -0.57 0.00	59.37 -0.66 0.00	96.81 -0.94 0.00	151.97 -1.14 0.00	203.01 -1.30 0.00	95.55 -0.78 0.00	63.91 -0.52 0.00	61.03 -0.60 0.00	58.32 -0.52 0.00	49.31 -0.43 0.00
ONTARIO___LFGE 23819	51.59 -0.17 0.00	47.91 -0.39 0.21	48.00 -0.39 0.31	47.98 -0.39 0.46	49.29 -0.26 0.16	50.29 -0.17 0.02	116.33 -0.94 0.03	93.10 -0.65 1.31	89.98 -0.60 0.35	57.92 -0.52 0.00	51.32 -0.51 0.00	48.77 -0.25 0.00	52.80 0.02 0.00	53.19 0.06 0.00	51.01 -0.25 0.00	59.42 -0.52 0.09	94.63 -0.84 2.28	151.32 -0.59 1.20	203.67 0.00 0.65	95.06 -0.57 0.71	63.02 -0.34 1.07	60.27 -0.56 0.79	57.70 -0.09 1.05	49.25 0.05 0.54
ORANGEVILLE_WT_PWR 323706	51.12 -0.64 0.00	47.42 -1.10 0.00	47.62 -1.08 0.00	47.70 -1.14 0.00	48.75 -0.95 0.00	49.67 -0.81 0.00	112.35 -4.95 0.00	91.16 -3.90 0.00	87.14 -3.79 0.00	56.14 -2.30 0.00	50.51 -1.32 0.00	48.38 -0.64 0.00	52.63 -0.15 0.00	52.83 -0.30 0.00	49.69 -1.56 0.00	57.49 -2.54 0.00	85.20 -4.38 8.17	146.62 -5.66 0.84	198.18 -6.13 0.00	92.52 -3.81 0.00	62.20 -2.23 0.00	59.25 -2.37 0.00	58.05 -0.78 0.00	49.54 -0.20 0.00
ORANGEVILLE___ESR 323794	51.12 -0.64 0.00	47.42 -1.10 0.00	47.62 -1.08 0.00	47.70 -1.14 0.00	48.75 -0.95 0.00	49.67 -0.81 0.00	112.35 -4.95 0.00	91.16 -3.90 0.00	87.14 -3.79 0.00	56.14 -2.30 0.00	50.51 -1.32 0.00	48.38 -0.64 0.00	52.63 -0.15 0.00	52.83 -0.30 0.00	49.69 -1.56 0.00	57.49 -2.54 0.00	85.20 -4.38 8.17	146.62 -5.66 0.84	198.18 -6.13 0.00	92.52 -3.81 0.00	62.20 -2.23 0.00	59.25 -2.37 0.00	58.05 -0.78 0.00	49.54 -0.20 0.00
OSWEGATCHIE___HYD 24044	53.33 1.57 0.00	49.32 0.81 0.00	49.11 0.40 0.00	49.05 0.21 0.00	50.14 0.44 0.00	51.10 0.61 0.00	118.35 1.05 0.00	95.81 0.74 0.00	91.59 0.66 0.00	58.74 0.30 0.00	52.38 0.56 0.00	49.58 0.56 0.00	53.62 0.84 0.00	53.98 0.85 0.00	51.89 0.63 0.00	60.22 0.19 0.00	97.52 -0.24 0.00	152.80 -0.31 0.00	203.88 -0.44 0.00	96.92 0.59 0.00	65.33 0.90 0.00	62.66 1.04 0.00	60.44 1.60 0.00	51.36 1.62 0.00
OSWEGO___5 23606	50.50 -1.27 0.00	47.27 -1.24 0.00	47.44 -1.26 0.00	47.58 -1.26 0.00	48.46 -1.25 0.00	49.23 -1.26 0.00	114.20 -3.09 0.00	92.61 -2.45 0.00	88.60 -2.33 0.00	56.85 -1.59 0.00	50.40 -1.42 0.00	47.72 -1.30 0.00	51.43 -1.35 0.00	51.74 -1.39 0.00	49.84 -1.41 0.00	58.35 -1.68 0.00	95.05 -2.70 0.00	149.09 -4.02 0.00	199.21 -5.10 0.00	93.77 -2.56 0.00	62.73 -1.70 0.00	59.94 -1.69 0.00	57.33 -1.51 0.00	48.50 -1.25 0.00
OSWEGO___6 23613	50.50 -1.27 0.00	47.27 -1.24 0.00	47.44 -1.26 0.00	47.58 -1.26 0.00	48.46 -1.25 0.00	49.23 -1.26 0.00	114.20 -3.09 0.00	92.61 -2.45 0.00	88.60 -2.33 0.00	56.85 -1.59 0.00	50.40 -1.42 0.00	47.72 -1.30 0.00	51.43 -1.35 0.00	51.74 -1.39 0.00	49.84 -1.41 0.00	58.35 -1.68 0.00	95.05 -2.70 0.00	149.09 -4.02 0.00	199.21 -5.10 0.00	93.77 -2.56 0.00	62.73 -1.70 0.00	59.94 -1.69 0.00	57.33 -1.51 0.00	48.50 -1.25 0.00

OUTOKUMPU-AB___DRP 24206	50.99 -0.77 0.00	47.25 -1.26 0.00	47.37 -1.34 0.00	47.50 -1.33 0.00	48.56 -1.14 0.00	49.12 -1.36 0.00	111.02 -6.28 0.00	90.34 -4.72 0.00	86.99 -3.94 0.00	56.12 -2.31 0.00	50.45 -1.38 0.00	48.47 -0.55 0.00	52.75 -0.03 0.00	52.96 -0.16 0.00	49.93 -1.33 0.00	57.55 -2.48 0.00	87.38 -5.05 5.33	145.77 -6.80 0.55	197.52 -6.80 0.00	91.52 -4.81 0.00	61.75 -2.68 0.00	58.69 -2.93 0.00	57.97 -0.87 0.00	49.54 -0.21 0.00
OXBOW___BTM 323836	50.35 -1.42 0.00	45.93 -1.84 0.75	45.76 -1.85 1.09	45.35 -1.86 1.62	47.46 -1.70 0.54	48.45 -1.96 0.08	109.45 -7.75 0.09	84.69 -5.84 4.54	84.74 -4.99 1.20	55.43 -3.01 0.00	49.79 -2.04 0.00	47.84 -1.18 0.00	52.07 -0.71 0.00	52.33 -0.80 0.00	49.35 -1.90 0.00	56.56 -3.15 0.32	82.67 -6.20 8.88	139.93 -8.83 4.36	192.70 -9.31 2.30	87.73 -6.09 2.52	57.24 -3.45 3.75	55.07 -3.73 2.83	53.60 -1.49 3.75	47.05 -0.75 1.94
OXBOW___ 24026	50.36 -1.41 0.00	46.72 -1.80 0.00	46.84 -1.86 0.00	47.00 -1.84 0.00	48.01 -1.70 0.00	48.53 -1.96 0.00	109.55 -7.75 0.00	89.23 -5.84 0.00	85.93 -5.00 0.00	55.42 -3.01 0.00	49.84 -1.99 0.00	47.88 -1.14 0.00	52.12 -0.66 0.00	52.34 -0.79 0.00	49.36 -1.90 0.00	56.89 -3.14 0.00	86.23 -6.31 5.21	143.67 -8.91 0.53	194.89 -9.42 0.00	90.14 -6.19 0.00	60.94 -3.49 0.00	57.89 -3.74 0.00	57.33 -1.51 0.00	48.98 -0.76 0.00
OXY_CHEM_DSASP 323612	49.86 -1.90 0.00	46.30 -2.22 0.00	46.45 -2.26 0.00	46.64 -2.20 0.00	47.57 -2.13 0.00	48.06 -2.43 0.00	108.34 -8.96 0.00	88.28 -6.79 0.00	85.01 -5.92 0.00	54.83 -3.61 0.00	49.32 -2.51 0.00	47.38 -1.64 0.00	51.60 -1.18 0.00	51.80 -1.32 0.00	48.89 -2.37 0.00	56.31 -3.72 0.00	85.23 -7.43 5.10	141.85 -10.74 0.52	192.50 -11.81 0.00	88.94 -7.39 0.00	60.21 -4.22 0.00	57.18 -4.44 0.00	56.80 -2.03 0.00	48.54 -1.20 0.00
OZONE_PARK_ESR 323760	54.26 2.50 0.00	50.76 2.24 0.00	51.06 2.36 0.00	51.12 2.28 0.00	52.05 2.34 0.00	52.89 2.41 0.00	123.58 6.28 0.00	100.39 5.33 0.00	96.48 5.55 0.00	62.89 4.46 0.00	56.25 4.43 0.00	54.22 4.25 -0.95	57.13 4.35 0.00	57.75 4.40 -0.22	56.26 3.99 -1.01	64.11 4.08 0.00	103.94 6.18 0.00	162.73 9.62 0.00	216.80 12.49 0.00	102.07 5.74 0.00	68.00 3.57 0.00	65.11 3.48 0.00	61.88 3.05 0.00	52.30 2.56 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	49.86 -1.90 0.00	46.30 -2.22 0.00	46.45 -2.26 0.00	46.64 -2.20 0.00	47.57 -2.13 0.00	48.06 -2.43 0.00	108.34 -8.96 0.00	88.28 -6.79 0.00	85.01 -5.92 0.00	54.83 -3.61 0.00	49.32 -2.51 0.00	47.38 -1.64 0.00	51.60 -1.18 0.00	51.80 -1.32 0.00	48.89 -2.37 0.00	56.31 -3.72 0.00	85.23 -7.43 5.10	141.85 -10.74 0.52	192.50 -11.81 0.00	88.94 -7.39 0.00	60.21 -4.22 0.00	57.18 -4.44 0.00	56.80 -2.03 0.00	48.54 -1.20 0.00
PACKARD__115KV_DUPONT_184 80571	49.86 -1.91 0.00	45.51 -2.26 0.75	45.37 -2.24 1.09	44.97 -2.25 1.62	47.03 -2.13 0.54	47.98 -2.43 0.08	108.26 -8.94 0.09	83.74 -6.79 4.54	83.84 -5.89 1.20	54.83 -3.61 0.00	49.28 -2.55 0.00	47.35 -1.67 0.00	51.54 -1.24 0.00	51.80 -1.33 0.00	48.88 -2.37 0.00	55.99 -3.72 0.32	81.71 -7.28 8.77	138.02 -10.74 4.36	190.37 -11.64 2.31	86.52 -7.29 2.52	56.52 -4.16 3.75	54.36 -4.44 2.83	53.06 -2.03 3.75	46.60 -1.20 1.95
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	54.00 2.23 0.00	50.58 2.06 0.00	50.84 2.14 0.00	50.85 2.02 0.00	51.78 2.07 0.00	52.24 1.75 0.00	122.12 4.83 0.00	99.19 4.13 0.00	95.46 4.53 0.00	62.07 3.64 0.00	55.56 3.73 0.00	53.58 3.62 -0.94	56.43 3.65 0.00	57.01 3.66 -0.22	55.57 3.31 -1.00	63.24 3.21 0.00	102.64 4.88 0.00	160.64 7.52 0.00	213.86 9.54 0.00	100.79 4.46 0.00	67.21 2.78 0.00	64.34 2.72 0.00	61.16 2.32 0.00	51.73 1.98 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	54.97 3.20 0.00	51.48 2.96 0.00	51.81 3.11 0.00	51.81 2.98 0.00	52.76 3.06 0.00	53.35 2.87 0.00	124.72 7.42 0.00	101.37 6.31 0.00	97.54 6.61 0.00	63.47 5.03 0.00	56.76 4.94 0.00	54.71 4.75 -0.94	57.62 4.84 0.00	58.18 4.84 -0.22	56.67 4.42 -1.00	64.54 4.51 0.00	104.80 7.04 0.00	163.91 10.80 0.00	218.24 13.93 0.00	102.84 6.51 0.00	68.57 4.14 0.00	65.61 3.99 0.00	62.42 3.58 0.00	52.76 3.02 0.00
PATROON__115KV_TB1 80586	52.16 0.40 0.00	49.07 0.55 0.00	49.26 0.56 0.00	49.39 0.55 0.00	50.20 0.50 0.00	51.05 0.56 0.00	118.82 1.52 0.00	96.32 1.26 0.00	92.01 1.08 0.00	58.82 0.38 0.00	51.96 0.13 0.00	49.06 0.04 0.00	52.73 -0.05 0.00	53.13 0.00 0.00	51.75 0.50 0.00	60.95 0.92 0.00	99.41 1.65 0.00	155.48 2.37 0.00	207.15 2.83 0.00	98.35 2.02 0.00	65.71 1.28 0.00	62.89 1.26 0.00	59.81 0.97 0.00	50.48 0.73 0.00
PATTRSNVILLE___SOLAR 323815	53.24 1.48 0.00	49.93 1.42 0.00	50.13 1.43 0.00	50.29 1.46 0.00	51.16 1.46 0.00	52.06 1.57 0.00	121.41 4.11 0.00	98.50 3.44 0.00	93.54 2.61 0.00	59.62 1.19 0.00	52.68 0.86 0.00	49.74 0.72 0.00	53.47 0.69 0.00	53.74 0.61 0.00	52.04 0.78 0.00	61.55 1.52 0.00	101.19 3.44 0.00	158.77 5.65 0.00	211.73 7.42 0.00	99.68 3.35 0.00	66.64 2.21 0.00	63.72 2.10 0.00	60.73 1.89 0.00	51.28 1.54 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	51.34 -0.42 0.00	47.59 -0.92 0.00	47.77 -0.93 0.00	47.91 -0.93 0.00	48.94 -0.76 0.00	49.74 -0.75 0.00	112.45 -4.85 0.00	91.52 -3.54 0.00	88.07 -2.86 0.00	56.97 -1.47 0.00	51.16 -0.66 0.00	49.09 0.07 0.00	53.49 0.71 0.00	53.63 0.50 0.00	50.50 -0.75 0.00	58.19 -1.84 0.00	87.84 -3.69 6.22	147.96 -4.52 0.64	200.13 -4.18 0.00	93.06 -3.27 0.00	62.66 -1.77 0.00	59.58 -2.04 0.00	58.49 -0.35 0.00	49.97 0.23 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	54.15 2.38 0.00	50.69 2.18 0.00	50.97 2.27 0.00	51.07 2.23 0.00	51.98 2.27 0.00	52.86 2.37 0.00	123.37 6.08 0.00	100.17 5.11 0.00	96.08 5.16 0.00	62.38 3.94 0.00	55.59 3.77 0.00	52.56 3.54 0.00	56.36 3.58 0.00	56.74 3.61 0.00	54.63 3.38 0.00	63.63 3.60 0.00	103.41 5.66 0.00	162.15 9.03 0.00	216.09 11.77 0.00	101.81 5.48 0.00	67.87 3.44 0.00	64.94 3.31 0.00	61.72 2.88 0.00	52.11 2.36 0.00
PEEKSKILL___ 23653	53.56 1.79 0.00	50.12 1.61 0.00	50.41 1.70 0.00	50.51 1.67 0.00	51.41 1.71 0.00	52.24 1.76 0.00	121.94 4.65 0.00	98.90 3.84 0.00	94.93 4.00 0.00	61.74 3.30 0.00	55.12 3.29 0.00	52.15 3.13 0.00	55.98 3.20 0.00	56.37 3.24 0.00	54.17 2.91 0.00	62.95 2.92 0.00	102.23 4.47 0.00	160.04 6.93 0.00	213.21 8.90 0.00	100.45 4.12 0.00	66.97 2.54 0.00	64.10 2.48 0.00	60.95 2.11 0.00	51.51 1.76 0.00
PGE MADISON___WINDPWR 24146	55.70 3.94 0.00	52.08 3.56 0.00	52.34 3.64 0.00	52.54 3.70 0.00	53.63 3.92 0.00	54.98 4.49 0.00	128.35 11.06 0.00	104.53 9.47 0.00	98.78 7.84 0.00	62.76 4.32 0.00	55.16 3.33 0.00	51.82 2.80 0.00	55.33 2.55 0.00	55.53 2.40 0.00	53.43 2.17 0.00	63.59 3.56 0.00	109.93 7.28 -4.89	166.28 12.67 -0.50	221.44 17.13 0.00	104.19 7.86 0.00	69.86 5.43 0.00	66.45 4.83 0.00	63.54 4.70 0.00	53.42 3.68 0.00

PIERCEFIELD___HYD 23852	54.09 2.32 0.00	49.71 1.19 0.00	49.34 0.64 0.00	49.14 0.30 0.00	50.34 0.64 0.00	51.60 1.11 0.00	119.08 1.78 0.00	95.91 0.85 0.00	91.92 0.99 0.00	59.50 1.06 0.00	53.12 1.29 0.00	50.43 1.41 0.00	54.72 1.94 0.00	55.23 2.10 0.00	52.77 1.52 0.00	60.61 0.58 0.00	97.25 -0.51 0.00	151.52 -1.59 0.00	202.12 -2.19 0.00	96.92 0.59 0.00	65.47 1.04 0.00	62.89 1.26 0.00	61.12 2.28 0.00	52.20 2.46 0.00
PINELAWN_CC_1 323563	55.16 3.40 0.00	50.16 3.04 1.40	51.55 3.09 0.24	51.77 2.94 0.00	52.91 3.21 0.00	52.89 2.41 0.00	124.54 4.83 -2.41	101.66 4.46 -2.14	97.45 5.16 -1.36	65.32 5.66 -1.23	57.67 5.46 -0.38	54.49 5.11 -0.35	57.74 5.00 0.04	57.97 5.06 0.22	55.81 4.55 -0.01	65.79 4.24 -1.52	106.79 6.32 -2.72	166.76 10.26 -3.39	220.82 13.48 -3.03	106.17 6.67 -3.17	70.47 4.07 -1.96	67.39 3.91 -1.86	64.10 3.65 -1.61	52.96 3.21 -0.01
PJM_GEN_HTTP_PROXY 323702	53.75 1.98 0.00	50.31 1.79 0.00	50.61 1.90 0.00	50.66 1.83 0.00	51.59 1.88 0.00	55.45 1.91 -3.05	122.32 5.03 0.00	99.28 4.22 0.00	95.42 4.49 0.00	62.19 3.75 0.00	55.63 3.80 0.00	52.62 3.64 0.04	56.46 3.74 0.06	56.87 3.75 0.01	54.59 3.38 0.04	62.77 3.39 0.64	102.80 5.05 0.00	160.97 7.85 0.00	202.64 10.04 11.70	100.93 4.60 0.00	67.25 2.82 0.00	64.37 2.75 0.00	61.20 2.36 0.00	52.35 1.99 -0.61
PJM_GEN_KEystone 24065	51.77 0.00 0.00	47.41 -0.28 0.83	47.29 -0.20 1.22	46.80 -0.24 1.80	47.54 -0.19 1.98	53.41 -0.04 -2.96	119.45 -1.09 -3.24	89.01 -0.97 5.09	88.89 -0.70 1.34	58.83 0.39 0.00	52.69 0.86 0.00	50.25 1.16 -0.07	54.16 1.44 0.06	54.58 1.44 -0.02	51.95 0.63 -0.07	58.85 -0.17 1.01	89.22 -0.89 7.65	147.41 -0.91 4.79	188.96 -0.97 14.38	92.57 -0.84 2.91	59.66 -0.51 4.25	57.74 -0.61 3.28	54.43 -0.06 4.35	48.22 0.14 1.67
PJM_GEN_NEPTUNE_PROXY 323594	54.55 2.80 0.01	47.04 2.57 4.04	50.63 2.61 0.68	51.29 2.46 0.01	52.38 2.69 0.01	55.45 1.92 -3.05	121.10 3.80 0.00	98.60 3.54 0.00	95.16 4.23 0.00	62.88 4.84 0.39	56.40 4.79 0.22	53.08 4.53 0.48	57.03 4.42 0.17	56.70 4.50 0.93	54.90 3.92 0.27	62.84 3.46 0.65	102.50 5.06 0.32	161.31 8.19 0.00	203.34 10.73 11.70	101.56 5.22 0.00	67.58 3.15 0.00	64.67 3.05 0.00	61.65 2.82 0.01	52.94 2.58 -0.61
PJM_GEN_VFT_PROXY 323633	53.57 1.81 0.00	50.13 1.61 0.00	50.45 1.75 0.00	50.53 1.69 0.00	51.43 1.72 0.00	55.29 1.75 -3.05	122.05 4.76 0.00	99.02 3.96 0.00	95.15 4.22 0.00	62.06 3.62 0.00	55.51 3.68 0.00	53.49 3.52 -0.95	56.34 3.62 0.06	57.01 3.65 -0.22	55.53 3.27 -1.01	62.59 3.20 0.64	102.55 4.79 0.00	160.47 7.36 0.00	202.04 9.43 11.70	100.61 4.28 0.00	67.04 2.61 0.00	64.20 2.57 0.00	60.99 2.16 0.00	52.20 1.84 -0.61
PLATSBURG_115KV_PMLD1 355749	53.96 2.20 0.00	49.53 1.01 0.00	49.02 0.32 0.00	48.68 -0.16 0.00	49.95 0.25 0.00	51.15 0.66 0.00	117.44 0.14 0.00	94.75 -0.31 0.00	90.99 0.06 0.00	59.35 0.92 0.00	52.97 1.15 0.00	50.39 1.37 0.00	54.67 1.89 0.00	55.16 2.03 0.00	52.61 1.36 0.00	60.56 0.53 0.00	97.46 -0.29 0.00	152.42 -0.69 0.00	203.45 -0.86 0.00	97.52 1.19 0.00	65.69 1.26 0.00	63.09 1.47 0.00	61.12 2.28 0.00	51.96 2.22 0.00
PLEASANTVLY___LBMP 24000	53.29 1.52 0.00	49.92 1.40 0.00	50.20 1.50 0.00	50.31 1.47 0.00	51.19 1.48 0.00	51.99 1.51 0.00	121.24 3.94 0.00	98.36 3.30 0.00	94.38 3.45 0.00	61.23 2.79 0.00	54.57 2.75 0.00	51.62 2.60 0.00	55.42 2.64 0.00	55.80 2.67 0.00	53.72 2.47 0.00	62.54 2.51 0.00	101.61 3.85 0.00	159.06 5.95 0.00	211.87 7.56 0.00	99.86 3.53 0.00	66.61 2.18 0.00	63.78 2.16 0.00	60.66 1.83 0.00	51.25 1.51 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	53.67 1.91 0.00	50.26 1.74 0.00	50.53 1.83 0.00	50.64 1.80 0.00	51.54 1.83 0.00	52.37 1.88 0.00	122.18 4.88 0.00	99.16 4.10 0.00	95.20 4.27 0.00	61.92 3.48 0.00	55.26 3.43 0.00	52.30 3.28 0.00	56.11 3.33 0.00	56.49 3.36 0.00	54.33 3.08 0.00	63.16 3.13 0.00	102.52 4.77 0.00	160.56 7.45 0.00	213.85 9.54 0.00	100.82 4.48 0.00	67.21 2.78 0.00	64.32 2.70 0.00	61.16 2.32 0.00	51.68 1.93 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	53.67 1.91 0.00	50.26 1.74 0.00	50.53 1.83 0.00	50.64 1.80 0.00	51.54 1.83 0.00	52.37 1.88 0.00	122.18 4.88 0.00	99.16 4.10 0.00	95.20 4.27 0.00	61.92 3.48 0.00	55.26 3.43 0.00	52.30 3.28 0.00	56.11 3.33 0.00	56.49 3.36 0.00	54.33 3.08 0.00	63.16 3.13 0.00	102.52 4.77 0.00	160.56 7.45 0.00	213.85 9.54 0.00	100.82 4.48 0.00	67.21 2.78 0.00	64.32 2.70 0.00	61.16 2.32 0.00	51.68 1.93 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	53.82 2.05 0.00	50.42 1.90 0.00	50.68 1.98 0.00	50.79 1.96 0.00	51.69 1.98 0.00	52.53 2.05 0.00	122.58 5.29 0.00	99.50 4.44 0.00	95.42 4.49 0.00	61.76 3.33 0.00	54.98 3.15 0.00	51.95 2.93 0.00	55.74 2.96 0.00	56.14 3.01 0.00	54.11 2.86 0.00	63.13 3.10 0.00	102.67 4.92 0.00	160.93 7.82 0.00	214.44 10.13 0.00	101.08 4.75 0.00	67.42 2.99 0.00	64.53 2.90 0.00	61.34 2.50 0.00	51.79 2.05 0.00
POLETTI____ 23519	53.51 1.75 0.00	50.13 1.61 0.00	50.36 1.65 0.00	50.36 1.53 0.00	51.30 1.60 0.00	51.74 1.25 0.00	120.89 3.59 0.00	98.27 3.21 0.00	94.62 3.69 0.00	61.52 3.08 0.00	55.08 3.26 0.00	53.17 3.22 -0.94	55.98 3.20 0.00	56.57 3.22 -0.22	55.14 2.88 -1.00	62.74 2.72 0.00	101.86 4.10 0.00	159.33 6.22 0.00	212.12 7.81 0.00	99.98 3.65 0.00	66.64 2.21 0.00	63.79 2.17 0.00	60.61 1.77 0.00	51.30 1.55 0.00
POMONA___ESR 323819	53.63 1.86 0.00	50.17 1.65 0.00	50.44 1.73 0.00	50.55 1.72 0.00	51.45 1.75 0.00	52.30 1.81 0.00	122.17 4.87 0.00	99.01 3.95 0.00	94.92 3.99 0.00	61.74 3.31 0.00	55.09 3.26 0.00	52.15 3.13 0.00	55.98 3.20 0.00	56.38 3.25 0.00	54.22 2.96 0.00	63.00 2.97 0.00	102.32 4.57 0.00	160.21 7.10 0.00	213.40 9.09 0.00	100.52 4.19 0.00	67.03 2.60 0.00	64.14 2.52 0.00	61.01 2.17 0.00	51.54 1.79 0.00
PORT_JEFF_3 23555	55.18 3.42 0.01	48.39 3.06 3.19	51.23 3.07 0.54	51.77 2.94 0.01	52.93 3.24 0.01	52.77 2.29 0.01	134.32 3.76 -13.27	110.18 3.34 -11.78	102.69 4.28 -7.48	65.69 5.59 -1.66	57.92 5.63 -0.45	54.16 5.21 0.07	57.69 5.00 0.09	57.45 4.99 0.67	55.46 4.35 0.15	72.07 3.65 -8.39	118.26 5.19 -15.31	180.57 8.77 -18.68	232.42 11.43 -16.67	119.49 5.72 -17.43	78.71 3.47 -10.81	75.37 3.50 -10.25	71.14 3.41 -8.89	52.97 3.19 -0.03
PORT_JEFF_4 23616	55.18 3.42 0.01	48.39 3.06 3.19	51.23 3.07 0.54	51.77 2.94 0.01	52.93 3.24 0.01	52.77 2.29 0.01	134.32 3.76 -13.27	110.18 3.34 -11.78	102.69 4.28 -7.48	65.69 5.59 -1.66	57.92 5.63 -0.45	54.16 5.21 0.07	57.69 5.00 0.09	57.45 4.99 0.67	55.46 4.35 0.15	72.07 3.65 -8.39	118.26 5.19 -15.31	180.57 8.77 -18.68	232.42 11.43 -16.67	119.49 5.72 -17.43	78.71 3.47 -10.81	75.37 3.50 -10.25	71.14 3.41 -8.89	52.97 3.19 -0.03

PORT_JEFF_IC 23713	55.25 3.49 0.01	48.52 3.11 3.11	51.31 3.13 0.53	51.84 3.01 0.01	53.01 3.32 0.01	52.87 2.39 0.01	132.32 4.10 -10.93	108.19 3.43 -9.70	101.52 4.43 -6.16	65.63 5.72 -1.47	57.96 5.64 -0.48	54.21 5.24 0.05	57.73 5.03 0.09	57.52 5.05 0.65	55.55 4.44 0.14	70.76 3.81 -6.91	115.66 5.34 -12.57	177.54 9.05 -15.39	229.89 11.84 -13.73	116.57 5.88 -14.36	76.97 3.64 -8.90	73.76 3.69 -8.44	69.75 3.59 -7.32	53.07 3.29 -0.03
PPL PILGRIM_ST_GT1 24216	55.50 3.75 0.01	49.02 3.22 2.72	51.62 3.38 0.46	52.07 3.24 0.01	53.24 3.54 0.01	53.19 2.70 0.01	134.05 5.14 -11.62	110.12 4.74 -10.31	102.67 5.19 -6.55	66.01 5.95 -1.63	57.78 5.76 -0.20	54.42 5.36 -0.04	58.02 5.31 0.08	57.83 5.26 0.55	55.91 4.76 0.11	72.00 4.62 -7.35	117.79 6.62 -13.41	179.78 10.31 -16.36	232.42 13.50 -14.60	119.10 7.51 -15.26	78.47 4.57 -9.47	74.95 4.35 -8.97	70.70 4.07 -7.79	53.29 3.51 -0.03
PPL PILGRIM_ST_GT2 24217	55.50 3.75 0.01	49.02 3.22 2.72	51.62 3.38 0.46	52.07 3.24 0.01	53.24 3.54 0.01	53.19 2.70 0.01	134.05 5.14 -11.62	110.12 4.74 -10.31	102.67 5.19 -6.55	66.01 5.95 -1.63	57.78 5.76 -0.20	54.42 5.36 -0.04	58.02 5.31 0.08	57.83 5.26 0.55	55.91 4.76 0.11	72.00 4.62 -7.35	117.79 6.62 -13.41	179.78 10.31 -16.36	232.42 13.50 -14.60	119.10 7.51 -15.26	78.47 4.57 -9.47	74.95 4.35 -8.97	70.70 4.07 -7.79	53.29 3.51 -0.03
PPL_SHRM_GT3 24213	55.71 3.95 0.01	48.89 3.51 3.15	51.69 3.52 0.53	52.24 3.41 0.01	53.43 3.73 0.01	53.41 2.93 0.01	135.48 5.55 -12.63	111.23 4.96 -11.21	103.80 5.75 -7.12	66.48 6.43 -1.61	58.52 6.24 -0.46	54.64 5.68 0.06	58.14 5.45 0.09	57.73 5.26 0.66	55.88 4.77 0.15	72.45 4.43 -7.99	119.18 6.86 -14.56	182.57 11.68 -17.78	235.62 15.44 -15.87	120.46 7.54 -16.60	79.35 4.63 -10.29	75.83 4.45 -9.75	71.56 4.25 -8.47	53.61 3.83 -0.03
PPL_SHRM_GT4 24214	55.71 3.95 0.01	48.89 3.51 3.15	51.69 3.52 0.53	52.24 3.41 0.01	53.43 3.73 0.01	53.41 2.93 0.01	135.48 5.55 -12.63	111.23 4.96 -11.21	103.80 5.75 -7.12	66.48 6.43 -1.61	58.52 6.24 -0.46	54.64 5.68 0.06	58.14 5.45 0.09	57.73 5.26 0.66	55.88 4.77 0.15	72.45 4.43 -7.99	119.18 6.86 -14.56	182.57 11.68 -17.78	235.62 15.44 -15.87	120.46 7.54 -16.60	79.35 4.63 -10.29	75.83 4.45 -9.75	71.56 4.25 -8.47	53.61 3.83 -0.03
PROJECT___ORANGE 1 24174	51.08 -0.68 0.00	47.83 -0.69 0.00	48.02 -0.69 0.00	48.15 -0.68 0.00	49.05 -0.65 0.00	49.86 -0.63 0.00	115.74 -1.55 0.00	93.89 -1.17 0.00	89.80 -1.13 0.00	57.62 -0.81 0.00	51.11 -0.72 0.00	48.37 -0.65 0.00	52.15 -0.63 0.00	52.42 -0.70 0.00	50.50 -0.76 0.00	59.15 -0.88 0.00	96.41 -1.34 0.00	151.31 -1.81 0.00	202.08 -2.24 0.00	95.07 -1.26 0.00	63.60 -0.83 0.00	60.73 -0.90 0.00	58.05 -0.78 0.00	49.06 -0.68 0.00
PROJECT___ORANGE 2 24166	51.08 -0.68 0.00	47.83 -0.69 0.00	48.02 -0.69 0.00	48.15 -0.68 0.00	49.05 -0.65 0.00	49.86 -0.63 0.00	115.74 -1.55 0.00	93.89 -1.17 0.00	89.80 -1.13 0.00	57.62 -0.81 0.00	51.11 -0.72 0.00	48.37 -0.65 0.00	52.15 -0.63 0.00	52.42 -0.70 0.00	50.50 -0.76 0.00	59.15 -0.88 0.00	96.41 -1.34 0.00	151.31 -1.81 0.00	202.08 -2.24 0.00	95.07 -1.26 0.00	63.60 -0.83 0.00	60.73 -0.90 0.00	58.05 -0.78 0.00	49.06 -0.68 0.00
PUCKETT___SOLAR 323809	53.14 1.38 0.00	50.21 1.24 -0.45	50.67 1.30 -0.66	51.12 1.30 -0.98	51.43 1.39 -0.33	52.14 1.60 -0.05	121.04 3.68 -0.06	100.90 3.07 -2.76	93.99 2.33 -0.73	59.34 0.90 0.00	52.43 0.60 0.00	49.55 0.53 0.00	53.38 0.60 0.00	53.78 0.65 0.00	51.67 0.41 0.00	61.01 0.80 -0.18	103.36 2.00 -3.60	159.17 3.68 -2.37	210.60 4.95 -1.34	100.15 2.35 -1.47	68.46 1.78 -2.24	64.68 1.41 -1.64	62.52 1.51 -2.18	52.10 1.22 -1.13
PYRITES___HYD 24023	54.91 3.15 0.00	50.42 1.90 0.00	50.10 1.40 0.00	49.87 1.03 0.00	51.16 1.45 0.00	52.49 2.01 0.00	121.25 3.96 0.00	97.73 2.66 0.00	93.55 2.63 0.00	60.58 2.15 0.00	54.05 2.22 0.00	51.34 2.33 0.00	55.68 2.90 0.00	56.31 3.18 0.00	53.82 2.56 0.00	61.84 1.82 0.00	99.37 1.62 0.00	155.03 1.92 0.00	206.69 2.37 0.00	99.14 2.81 0.00	66.89 2.46 0.00	64.10 2.47 0.00	62.17 3.33 0.00	53.11 3.37 0.00
QUAKERRD_115KV_BK1 80622	50.15 -1.62 0.00	46.73 -1.78 0.00	46.88 -1.82 0.00	47.02 -1.82 0.00	48.03 -1.68 0.00	48.79 -1.69 0.00	112.32 -4.97 0.00	91.17 -3.89 0.00	87.36 -3.57 0.00	56.14 -2.29 0.00	50.04 -1.79 0.00	47.71 -1.31 0.00	51.70 -1.08 0.00	52.01 -1.12 0.00	49.64 -1.62 0.00	57.79 -2.24 0.00	91.65 -3.99 2.12	147.30 -5.59 0.22	197.89 -6.42 0.00	92.55 -3.78 0.00	62.01 -2.42 0.00	59.13 -2.50 0.00	57.14 -1.70 0.00	48.54 -1.20 0.00
QUENSBRY_115KV_TB8 356137	55.50 3.73 0.00	52.05 3.54 0.00	52.36 3.66 0.00	52.45 3.62 0.00	53.31 3.61 0.00	54.67 4.18 0.00	127.26 9.96 0.00	103.20 8.14 0.00	97.69 6.76 0.00	61.64 3.21 0.00	54.36 2.54 0.00	51.19 2.17 0.00	55.16 2.38 0.00	55.51 2.39 0.00	54.48 3.22 0.00	64.60 4.57 0.00	106.03 8.28 0.00	166.66 13.54 0.00	221.77 17.46 0.00	103.68 7.35 0.00	69.44 5.01 0.00	66.19 4.56 0.00	63.13 4.29 0.00	53.13 3.39 0.00
RAMAPO___LBMP 323565	53.44 1.68 0.00	50.00 1.48 0.00	50.27 1.57 0.00	50.39 1.56 0.00	51.27 1.57 0.00	52.13 1.64 0.00	121.75 4.45 0.00	98.68 3.62 0.00	94.65 3.72 0.00	61.55 3.11 0.00	54.89 3.06 0.00	51.96 2.94 0.00	55.79 3.01 0.00	56.18 3.05 0.00	53.97 2.71 0.00	62.71 2.68 0.00	101.88 4.13 0.00	159.45 6.34 0.00	212.38 8.07 0.00	100.05 3.72 0.00	66.73 2.30 0.00	63.88 2.25 0.00	60.75 1.91 0.00	51.34 1.59 0.00
RANKINE___ 23646	51.30 -0.46 0.00	47.55 -0.97 0.00	47.69 -1.01 0.00	47.80 -1.04 0.00	48.89 -0.81 0.00	49.62 -0.87 0.00	112.13 -5.17 0.00	91.20 -3.86 0.00	87.74 -3.19 0.00	56.71 -1.73 0.00	50.96 -0.87 0.00	48.92 -0.10 0.00	53.23 0.45 0.00	53.42 0.29 0.00	50.30 -0.95 0.00	58.00 -2.03 0.00	87.64 -4.09 6.03	147.36 -5.14 0.62	199.35 -4.97 0.00	92.65 -3.68 0.00	62.34 -2.09 0.00	59.35 -2.27 0.00	58.32 -0.52 0.00	49.89 0.14 0.00
RAVENSWOOD_GT2_1 24244	53.81 2.04 0.00	50.37 1.85 0.00	50.69 1.99 0.00	50.75 1.92 0.00	51.68 1.97 0.00	52.47 1.98 0.00	122.46 5.16 0.00	99.45 4.39 0.00	95.57 4.64 0.00	62.29 3.86 0.00	55.72 3.89 0.00	53.69 3.73 -0.93	56.60 3.82 0.00	57.20 3.85 -0.22	55.73 3.48 -1.00	63.51 3.48 0.00	102.95 5.20 0.00	161.18 8.07 0.00	214.65 10.34 0.00	101.07 4.74 0.00	67.34 2.91 0.00	64.48 2.86 0.00	61.31 2.47 0.00	51.82 2.08 0.00
RAVENSWOOD_GT2_2 24245	53.81 2.04 0.00	50.37 1.85 0.00	50.69 1.99 0.00	50.75 1.92 0.00	51.68 1.97 0.00	52.47 1.98 0.00	122.46 5.16 0.00	99.45 4.39 0.00	95.57 4.64 0.00	62.29 3.86 0.00	55.72 3.89 0.00	53.69 3.73 -0.93	56.60 3.82 0.00	57.20 3.85 -0.22	55.73 3.48 -1.00	63.51 3.48 0.00	102.95 5.20 0.00	161.18 8.07 0.00	214.65 10.34 0.00	101.07 4.74 0.00	67.34 2.91 0.00	64.48 2.86 0.00	61.31 2.47 0.00	51.82 2.08 0.00

RAVENSWOOD_GT2_3 24246	53.83 2.06 0.00	50.39 1.87 0.00	50.71 2.01 0.00	50.78 1.94 0.00	51.69 1.98 0.00	52.50 2.01 0.00	122.55 5.26 0.00	99.47 4.41 0.00	95.62 4.69 0.00	62.33 3.89 0.00	55.75 3.93 0.00	53.72 3.76 -0.93	56.63 3.85 0.00	57.22 3.88 -0.22	55.77 3.52 -1.00	63.53 3.50 0.00	102.99 5.24 0.00	161.20 8.08 0.00	214.68 10.37 0.00	101.11 4.78 0.00	67.37 2.94 0.00	64.50 2.88 0.00	61.33 2.49 0.00	51.85 2.11 0.00
RAVENSWOOD_GT2_4 24247	53.83 2.06 0.00	50.39 1.87 0.00	50.71 2.01 0.00	50.78 1.94 0.00	51.69 1.98 0.00	52.50 2.01 0.00	122.55 5.26 0.00	99.47 4.41 0.00	95.62 4.69 0.00	62.33 3.89 0.00	55.75 3.93 0.00	53.72 3.76 -0.93	56.63 3.85 0.00	57.22 3.88 -0.22	55.77 3.52 -1.00	63.53 3.50 0.00	102.99 5.24 0.00	161.20 8.08 0.00	214.68 10.37 0.00	101.11 4.78 0.00	67.37 2.94 0.00	64.50 2.88 0.00	61.33 2.49 0.00	51.85 2.11 0.00
RAVENSWOOD_GT3_1 24248	53.81 2.04 0.00	50.37 1.85 0.00	50.69 1.99 0.00	50.75 1.92 0.00	51.68 1.97 0.00	52.47 1.98 0.00	122.47 5.17 0.00	99.45 4.39 0.00	95.57 4.64 0.00	62.29 3.86 0.00	55.73 3.90 0.00	53.69 3.73 -0.93	56.60 3.82 0.00	57.20 3.85 -0.22	55.74 3.48 -1.00	63.51 3.48 0.00	102.96 5.21 0.00	161.18 8.07 0.00	214.65 10.34 0.00	101.07 4.74 0.00	67.34 2.91 0.00	64.48 2.86 0.00	61.31 2.47 0.00	51.82 2.08 0.00
RAVENSWOOD_GT3_2 24249	53.81 2.04 0.00	50.37 1.85 0.00	50.69 1.99 0.00	50.75 1.92 0.00	51.68 1.97 0.00	52.47 1.98 0.00	122.47 5.17 0.00	99.45 4.39 0.00	95.57 4.64 0.00	62.29 3.86 0.00	55.73 3.90 0.00	53.69 3.73 -0.93	56.60 3.82 0.00	57.20 3.85 -0.22	55.74 3.48 -1.00	63.51 3.48 0.00	102.96 5.21 0.00	161.18 8.07 0.00	214.65 10.34 0.00	101.07 4.74 0.00	67.34 2.91 0.00	64.48 2.86 0.00	61.31 2.47 0.00	51.82 2.08 0.00
RAVENSWOOD_GT3_3 24250	53.88 2.11 0.00	50.43 1.91 0.00	50.76 2.05 0.00	50.82 1.99 0.00	51.74 2.03 0.00	52.55 2.06 0.00	122.67 5.37 0.00	99.58 4.52 0.00	95.73 4.80 0.00	62.40 3.97 0.00	55.81 3.99 0.00	53.78 3.83 -0.93	56.70 3.92 0.00	57.29 3.95 -0.22	55.83 3.57 -1.00	63.63 3.60 0.00	103.10 5.35 0.00	161.46 8.34 0.00	214.98 10.66 0.00	101.21 4.88 0.00	67.45 3.03 0.00	64.57 2.94 0.00	61.39 2.55 0.00	51.91 2.17 0.00
RAVENSWOOD_GT3_4 24251	53.88 2.11 0.00	50.43 1.91 0.00	50.76 2.05 0.00	50.82 1.99 0.00	51.74 2.03 0.00	52.55 2.06 0.00	122.67 5.37 0.00	99.58 4.52 0.00	95.73 4.80 0.00	62.40 3.97 0.00	55.81 3.99 0.00	53.78 3.83 -0.93	56.70 3.92 0.00	57.29 3.95 -0.22	55.83 3.57 -1.00	63.63 3.60 0.00	103.10 5.35 0.00	161.46 8.34 0.00	214.98 10.66 0.00	101.21 4.88 0.00	67.45 3.03 0.00	64.57 2.94 0.00	61.39 2.55 0.00	51.91 2.17 0.00
RAVENSWOOD_GT_1 23729	53.87 2.11 0.00	50.45 1.94 0.00	50.86 2.16 0.00	50.90 2.06 0.00	51.83 2.12 0.00	52.54 2.05 0.00	122.50 5.21 0.00	99.45 4.39 0.00	95.68 4.75 0.00	62.37 3.94 0.00	55.90 4.07 0.00	53.92 3.96 -0.94	56.79 4.01 0.00	57.38 4.03 -0.22	55.93 3.67 -1.00	63.60 3.57 0.00	102.97 5.22 0.00	161.19 8.08 0.00	214.60 10.29 0.00	101.03 4.70 0.00	67.33 2.90 0.00	64.48 2.86 0.00	61.33 2.49 0.00	51.92 2.18 0.00
RAVENSWOOD_GT_10 24258	53.81 2.04 0.00	50.37 1.85 0.00	50.69 1.99 0.00	50.75 1.91 0.00	51.67 1.97 0.00	52.47 1.98 0.00	122.48 5.19 0.00	99.45 4.39 0.00	95.58 4.65 0.00	62.29 3.86 0.00	55.72 3.89 0.00	53.69 3.73 -0.93	56.60 3.82 0.00	57.19 3.85 -0.22	55.73 3.48 -1.00	63.51 3.48 0.00	102.96 5.21 0.00	161.18 8.07 0.00	214.66 10.35 0.00	101.08 4.75 0.00	67.34 2.91 0.00	64.48 2.86 0.00	61.31 2.47 0.00	51.83 2.08 0.00
RAVENSWOOD_GT_11 24259	53.81 2.04 0.00	50.37 1.85 0.00	50.69 1.99 0.00	50.75 1.91 0.00	51.67 1.97 0.00	52.47 1.98 0.00	122.48 5.19 0.00	99.45 4.39 0.00	95.58 4.65 0.00	62.29 3.86 0.00	55.72 3.89 0.00	53.69 3.73 -0.93	56.60 3.82 0.00	57.19 3.85 -0.22	55.73 3.48 -1.00	63.51 3.48 0.00	102.96 5.21 0.00	161.18 8.07 0.00	214.66 10.35 0.00	101.08 4.75 0.00	67.34 2.91 0.00	64.48 2.86 0.00	61.31 2.47 0.00	51.83 2.08 0.00
RAVENSWOOD_GT_4 24252	53.81 2.04 0.00	50.37 1.86 0.00	50.72 2.02 0.00	50.78 1.94 0.00	51.70 2.00 0.00	52.47 1.98 0.00	122.46 5.16 0.00	99.41 4.35 0.00	95.58 4.66 0.00	62.32 3.88 0.00	55.75 3.93 0.00	53.75 3.79 -0.94	56.63 3.85 0.00	57.23 3.88 -0.22	55.78 3.53 -1.00	63.52 3.49 0.00	102.95 5.19 0.00	161.16 8.05 0.00	214.58 10.26 0.00	101.02 4.69 0.00	67.33 2.90 0.00	64.46 2.84 0.00	61.30 2.47 0.00	51.84 2.10 0.00
RAVENSWOOD_GT_5 24254	53.81 2.04 0.00	50.37 1.86 0.00	50.72 2.02 0.00	50.78 1.94 0.00	51.70 2.00 0.00	52.47 1.98 0.00	122.46 5.16 0.00	99.41 4.35 0.00	95.58 4.66 0.00	62.32 3.88 0.00	55.75 3.93 0.00	53.75 3.79 -0.94	56.63 3.85 0.00	57.23 3.88 -0.22	55.78 3.53 -1.00	63.52 3.49 0.00	102.95 5.19 0.00	161.16 8.05 0.00	214.58 10.26 0.00	101.02 4.69 0.00	67.33 2.90 0.00	64.46 2.84 0.00	61.30 2.47 0.00	51.84 2.10 0.00
RAVENSWOOD_GT_6 24253	53.81 2.04 0.00	50.37 1.86 0.00	50.72 2.02 0.00	50.78 1.94 0.00	51.70 2.00 0.00	52.47 1.98 0.00	122.46 5.16 0.00	99.41 4.35 0.00	95.58 4.66 0.00	62.32 3.88 0.00	55.75 3.93 0.00	53.75 3.79 -0.94	56.63 3.85 0.00	57.23 3.88 -0.22	55.78 3.53 -1.00	63.52 3.49 0.00	102.95 5.19 0.00	161.16 8.05 0.00	214.58 10.26 0.00	101.02 4.69 0.00	67.33 2.90 0.00	64.46 2.84 0.00	61.30 2.47 0.00	51.84 2.10 0.00
RAVENSWOOD_GT_7 24255	53.81 2.04 0.00	50.37 1.86 0.00	50.72 2.02 0.00	50.78 1.94 0.00	51.70 2.00 0.00	52.47 1.98 0.00	122.46 5.16 0.00	99.41 4.35 0.00	95.58 4.66 0.00	62.32 3.88 0.00	55.75 3.93 0.00	53.75 3.79 -0.94	56.63 3.85 0.00	57.23 3.88 -0.22	55.78 3.53 -1.00	63.52 3.49 0.00	102.95 5.19 0.00	161.16 8.05 0.00	214.58 10.26 0.00	101.02 4.69 0.00	67.33 2.90 0.00	64.46 2.84 0.00	61.30 2.47 0.00	51.84 2.10 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	53.81 2.04 0.00	50.37 1.85 0.00	50.69 1.99 0.00	50.75 1.91 0.00	51.67 1.97 0.00	52.47 1.98 0.00	122.48 5.19 0.00	99.45 4.39 0.00	95.58 4.65 0.00	62.29 3.86 0.00	55.72 3.89 0.00	53.69 3.73 -0.93	56.60 3.82 0.00	57.19 3.85 -0.22	55.73 3.48 -1.00	63.51 3.48 0.00	102.96 5.21 0.00	161.18 8.07 0.00	214.66 10.35 0.00	101.08 4.75 0.00	67.34 2.91 0.00	64.48 2.86 0.00	61.31 2.47 0.00	51.83 2.08 0.00
RAVENSWOOD_GT_9 24257	53.81 2.04 0.00	50.37 1.85 0.00	50.69 1.99 0.00	50.75 1.91 0.00	51.67 1.97 0.00	52.47 1.98 0.00	122.48 5.19 0.00	99.45 4.39 0.00	95.58 4.65 0.00	62.29 3.86 0.00	55.72 3.89 0.00	53.69 3.73 -0.93	56.60 3.82 0.00	57.19 3.85 -0.22	55.73 3.48 -1.00	63.51 3.48 0.00	102.96 5.21 0.00	161.18 8.07 0.00	214.66 10.35 0.00	101.08 4.75 0.00	67.34 2.91 0.00	64.48 2.86 0.00	61.31 2.47 0.00	51.83 2.08 0.00

RAVENSWOOD___1 23533	53.84 2.07 0.00	50.42 1.91 0.00	50.82 2.12 0.00	50.87 2.04 0.00	51.79 2.09 0.00	52.50 2.01 0.00	122.44 5.14 0.00	99.41 4.35 0.00	95.63 4.70 0.00	62.35 3.91 0.00	55.87 4.04 0.00	53.91 3.95 -0.94	56.76 3.98 0.00	57.34 3.99 -0.22	55.89 3.63 -1.00	63.57 3.54 0.00	102.93 5.18 0.00	161.09 7.97 0.00	214.59 10.27 0.00	101.00 4.67 0.00	67.30 2.88 0.00	64.47 2.85 0.00	61.30 2.46 0.00	51.88 2.13 0.00
RAVENSWOOD___2 23534	53.81 2.04 0.00	50.40 1.88 0.00	50.78 2.08 0.00	50.83 1.99 0.00	51.75 2.05 0.00	52.47 1.99 0.00	122.40 5.10 0.00	99.39 4.32 0.00	95.61 4.68 0.00	62.31 3.88 0.00	55.82 4.00 0.00	53.86 3.90 -0.94	56.72 3.94 0.00	57.30 3.96 -0.22	55.84 3.59 -1.00	63.54 3.51 0.00	102.92 5.17 0.00	161.07 7.95 0.00	214.42 10.11 0.00	100.99 4.66 0.00	67.28 2.85 0.00	64.45 2.83 0.00	61.28 2.44 0.00	51.84 2.09 0.00
RAVENSWOOD___3 23535	53.81 2.04 0.00	50.37 1.85 0.00	50.70 1.99 0.00	50.76 1.92 0.00	51.68 1.97 0.00	52.47 1.99 0.00	122.48 5.18 0.00	99.45 4.39 0.00	95.58 4.65 0.00	62.30 3.86 0.00	55.74 3.91 0.00	53.71 3.75 -0.94	56.61 3.83 0.00	57.20 3.85 -0.22	55.74 3.49 -1.00	63.51 3.48 0.00	102.96 5.20 0.00	161.18 8.07 0.00	214.66 10.35 0.00	101.07 4.74 0.00	67.34 2.91 0.00	64.49 2.86 0.00	61.30 2.46 0.00	51.83 2.08 0.00
RAVENSWOOD___4 23820	53.81 2.04 0.00	50.40 1.88 0.00	50.78 2.08 0.00	50.83 1.99 0.00	51.75 2.05 0.00	52.47 1.99 0.00	122.40 5.10 0.00	99.39 4.32 0.00	95.61 4.68 0.00	62.31 3.88 0.00	55.82 4.00 0.00	53.86 3.90 -0.94	56.72 3.94 0.00	57.30 3.96 -0.22	55.84 3.59 -1.00	63.54 3.51 0.00	102.92 5.17 0.00	161.07 7.95 0.00	214.42 10.11 0.00	100.99 4.66 0.00	67.28 2.85 0.00	64.45 2.83 0.00	61.28 2.44 0.00	51.84 2.09 0.00
RCPL_TRUST___DRP 24196	53.79 2.03 0.00	50.34 1.82 0.00	50.65 1.95 0.00	50.72 1.88 0.00	51.65 1.94 0.00	52.45 1.96 0.00	122.46 5.16 0.00	99.40 4.33 0.00	95.53 4.60 0.00	62.28 3.84 0.00	55.71 3.88 0.00	52.70 3.72 0.04	56.60 3.82 0.00	56.96 3.84 0.01	54.68 3.47 0.04	63.51 3.48 0.00	102.97 5.21 0.00	161.16 8.05 0.00	214.64 10.33 0.00	101.03 4.70 0.00	67.31 2.89 0.00	64.45 2.82 0.00	61.28 2.44 0.00	51.78 2.04 0.00
RED___ROCHESTER 323720	51.72 -0.04 0.00	47.70 -0.43 0.38	47.70 -0.44 0.56	47.54 -0.46 0.83	49.20 -0.23 0.28	50.24 -0.21 0.04	115.37 -1.88 0.05	91.49 -1.25 2.33	89.35 -0.97 0.62	57.78 -0.65 0.00	51.57 -0.26 0.00	49.27 0.25 0.00	53.47 0.69 0.00	53.78 0.65 0.00	51.13 -0.12 0.00	59.30 -0.57 0.16	91.61 -1.26 4.89	149.89 -0.98 2.24	203.14 -0.02 1.16	94.11 -0.95 1.27	62.02 -0.50 1.91	59.48 -0.72 1.42	57.19 0.24 1.89	49.19 0.43 0.98
REGAN___SOLAR 323812	53.88 2.12 0.00	50.46 1.95 0.00	50.62 1.92 0.00	50.79 1.96 0.00	51.72 2.02 0.00	52.64 2.15 0.00	122.67 5.37 0.00	99.41 4.35 0.00	93.58 2.65 0.00	59.36 0.93 0.00	52.18 0.36 0.00	49.14 0.12 0.00	52.74 -0.04 0.00	53.02 -0.11 0.00	51.45 0.19 0.00	61.60 1.57 0.00	102.14 4.39 0.00	160.60 7.49 0.00	214.33 10.02 0.00	100.94 4.61 0.00	67.47 3.04 0.00	64.43 2.81 0.00	61.42 2.58 0.00	51.84 2.09 0.00
RENSSELAER___COGEN 23796	51.98 0.21 0.00	48.89 0.37 0.00	49.08 0.38 0.00	49.18 0.35 0.00	50.00 0.30 0.00	50.85 0.36 0.00	118.26 0.96 0.00	95.88 0.82 0.00	91.59 0.66 0.00	58.54 0.11 0.00	51.72 -0.11 0.00	48.84 -0.18 0.00	52.47 -0.31 0.00	52.88 -0.25 0.00	51.47 0.21 0.00	60.57 0.54 0.00	98.78 1.03 0.00	154.46 1.34 0.00	205.85 1.54 0.00	97.61 1.28 0.00	65.27 0.84 0.00	62.52 0.89 0.00	59.48 0.64 0.00	50.20 0.45 0.00
REPUBLIC_115KV_BARTNBRK 55605	58.36 6.59 0.00	54.62 6.11 0.00	55.09 6.39 0.00	55.09 6.25 0.00	55.87 6.16 0.00	57.99 7.50 0.00	134.77 17.48 0.00	108.79 13.73 0.00	101.85 10.92 0.00	63.54 5.10 0.00	56.30 4.48 0.00	52.93 3.90 0.00	56.91 4.13 0.00	57.65 4.52 0.00	57.46 6.20 0.00	68.35 8.32 0.00	112.71 14.95 0.00	177.92 24.81 0.00	236.08 31.77 0.00	108.99 12.66 0.00	72.94 8.51 0.00	69.32 7.70 0.00	66.36 7.52 0.00	55.73 5.98 0.00
REVERE_CPPR_DRP 24186	53.75 1.98 0.00	50.31 1.79 0.00	50.46 1.76 0.00	50.59 1.75 0.00	51.62 1.91 0.00	52.61 2.12 0.00	122.55 5.26 0.00	99.57 4.51 0.00	95.07 4.14 0.00	60.92 2.48 0.00	53.77 1.95 0.00	50.56 1.54 0.00	54.53 1.75 0.00	54.81 1.68 0.00	52.73 1.48 0.00	62.10 2.07 0.00	101.92 4.17 0.00	160.08 6.97 0.00	213.79 9.47 0.00	100.67 4.34 0.00	67.34 2.91 0.00	64.20 2.57 0.00	61.28 2.44 0.00	51.67 1.93 0.00
REYNLDPA_13_KV_LD 356490	53.76 1.99 0.00	49.37 0.86 0.00	49.01 0.31 0.00	48.82 -0.02 0.00	50.15 0.45 0.00	51.43 0.95 0.00	118.67 1.37 0.00	95.62 0.56 0.00	91.79 0.86 0.00	59.61 1.17 0.00	53.23 1.40 0.00	50.70 1.67 0.00	55.03 2.25 0.00	55.58 2.45 0.00	53.02 1.76 0.00	61.22 1.19 0.00	98.19 0.43 0.00	152.97 -0.14 0.00	203.22 -1.09 0.00	97.93 1.59 0.00	66.11 1.68 0.00	63.27 1.65 0.00	61.24 2.40 0.00	52.12 2.37 0.00
REYNOLDS_115KV_TB3 80639	52.42 0.66 0.00	49.30 0.78 0.00	49.51 0.80 0.00	49.60 0.76 0.00	50.41 0.71 0.00	51.28 0.79 0.00	119.22 1.92 0.00	96.71 1.65 0.00	92.30 1.37 0.00	58.93 0.50 0.00	51.99 0.16 0.00	49.05 0.03 0.00	52.72 -0.06 0.00	53.16 0.03 0.00	51.80 0.55 0.00	61.05 1.02 0.00	99.53 1.78 0.00	155.65 2.54 0.00	207.41 3.10 0.00	97.99 1.66 0.00	65.51 1.08 0.00	62.78 1.15 0.00	59.70 0.86 0.00	50.39 0.65 0.00
RIVERBAY____ 323610	54.97 3.20 0.00	51.48 2.96 0.00	51.81 3.11 0.00	51.81 2.98 0.00	52.76 3.06 0.00	53.35 2.87 0.00	124.72 7.42 0.00	101.37 6.31 0.00	97.54 6.61 0.00	63.47 5.03 0.00	56.76 4.94 0.00	54.71 4.75 -0.94	57.62 4.84 0.00	58.18 4.84 -0.22	56.67 4.42 -1.00	64.54 4.51 0.00	104.80 7.04 0.00	163.91 10.80 0.00	218.24 13.93 0.00	102.84 6.51 0.00	68.57 4.14 0.00	65.61 3.99 0.00	62.42 3.58 0.00	52.76 3.02 0.00
RIVERSDE_115KV_TB3 55908	52.15 0.39 0.00	49.05 0.53 0.00	49.25 0.55 0.00	49.34 0.51 0.00	50.18 0.47 0.00	51.03 0.55 0.00	118.67 1.37 0.00	96.26 1.20 0.00	91.92 1.00 0.00	58.74 0.31 0.00	51.89 0.06 0.00	48.98 -0.04 0.00	52.63 -0.15 0.00	53.05 -0.08 0.00	51.67 0.41 0.00	60.83 0.80 0.00	99.19 1.44 0.00	155.16 2.05 0.00	206.73 2.42 0.00	97.98 1.65 0.00	65.48 1.05 0.00	62.71 1.09 0.00	59.64 0.80 0.00	50.34 0.59 0.00
ROARING___BROOK_WT_PWR 323790	52.35 0.58 0.00	48.67 0.15 0.00	48.60 -0.10 0.00	48.66 -0.18 0.00	49.71 0.00 0.00	50.67 0.19 0.00	117.30 0.00 0.00	94.78 -0.28 0.00	90.87 -0.06 0.00	58.65 0.21 0.00	52.14 0.32 0.00	49.42 0.40 0.00	53.40 0.62 0.00	53.78 0.66 0.00	51.68 0.43 0.00	60.23 0.20 0.00	97.61 -0.15 0.00	152.73 -0.38 0.00	203.75 -0.57 0.00	96.67 0.34 0.00	64.86 0.43 0.00	62.05 0.43 0.00	59.56 0.72 0.00	50.48 0.73 0.00

ROCHESRG_115KV_T4 355643	51.15 -0.62 0.00	47.58 -0.93 0.00	47.72 -0.98 0.00	47.86 -0.98 0.00	48.93 -0.77 0.00	49.68 -0.81 0.00	113.93 -3.37 0.00	92.52 -2.55 0.00	88.72 -2.20 0.00	57.06 -1.37 0.00	50.96 -0.87 0.00	48.65 -0.37 0.00	52.81 0.03 0.00	53.08 -0.05 0.00	50.50 -0.76 0.00	58.67 -1.36 0.00	92.10 -2.66 2.99	149.44 -3.37 0.31	201.18 -3.13 0.00	93.92 -2.41 0.00	62.98 -1.45 0.00	60.06 -1.57 0.00	58.29 -0.55 0.00	49.57 -0.17 0.00
ROCHESTER_9_IC 23652	51.53 -0.24 0.00	47.93 -0.59 0.00	48.06 -0.64 0.00	48.19 -0.64 0.00	49.29 -0.42 0.00	50.07 -0.42 0.00	114.88 -2.41 0.00	93.37 -1.70 0.00	89.52 -1.41 0.00	57.52 -0.91 0.00	51.37 -0.46 0.00	49.06 0.04 0.00	53.26 0.49 0.00	53.53 0.40 0.00	50.92 -0.34 0.00	59.18 -0.85 0.00	92.90 -1.81 3.05	150.91 -1.89 0.31	203.11 -1.20 0.00	94.80 -1.53 0.00	63.54 -0.89 0.00	60.59 -1.04 0.00	58.77 -0.07 0.00	49.96 0.21 0.00
ROCKVIEW_13_KV_LD 356306	53.87 2.11 0.00	50.42 1.90 0.00	50.71 2.01 0.00	50.80 1.96 0.00	51.72 2.01 0.00	52.55 2.06 0.00	122.63 5.34 0.00	99.54 4.48 0.00	95.60 4.67 0.00	62.25 3.82 0.00	55.61 3.78 0.00	52.63 3.61 0.00	56.47 3.69 0.00	56.84 3.72 0.00	54.63 3.38 0.00	63.49 3.46 0.00	103.02 5.27 0.00	161.34 8.23 0.00	214.88 10.56 0.00	101.28 4.95 0.00	67.49 3.06 0.00	64.60 2.97 0.00	61.42 2.58 0.00	51.90 2.16 0.00
ROME____115KV_TB2 80656	53.75 1.98 0.00	50.31 1.79 0.00	50.46 1.76 0.00	50.59 1.75 0.00	51.62 1.91 0.00	52.61 2.12 0.00	122.55 5.26 0.00	99.57 4.51 0.00	95.07 4.14 0.00	60.92 2.48 0.00	53.77 1.95 0.00	50.56 1.54 0.00	54.53 1.75 0.00	54.81 1.68 0.00	52.73 1.48 0.00	62.10 2.07 0.00	101.92 4.17 0.00	160.08 6.97 0.00	213.79 9.47 0.00	100.67 4.34 0.00	67.34 2.91 0.00	64.20 2.57 0.00	61.28 2.44 0.00	51.67 1.93 0.00
ROSETON___1 23587	53.33 1.57 0.00	49.96 1.44 0.00	50.23 1.53 0.00	50.34 1.50 0.00	51.22 1.52 0.00	52.03 1.54 0.00	121.36 4.06 0.00	98.42 3.36 0.00	94.41 3.48 0.00	61.25 2.81 0.00	54.59 2.76 0.00	51.64 2.62 0.00	55.44 2.66 0.00	55.81 2.68 0.00	53.72 2.46 0.00	62.56 2.52 0.00	101.63 3.87 0.00	159.10 5.98 0.00	211.97 7.66 0.00	99.91 3.58 0.00	66.64 2.21 0.00	63.81 2.18 0.00	60.68 1.85 0.00	51.29 1.55 0.00
ROSETON___2 23588	53.33 1.57 0.00	49.96 1.44 0.00	50.23 1.53 0.00	50.34 1.50 0.00	51.22 1.52 0.00	52.03 1.54 0.00	121.36 4.06 0.00	98.42 3.36 0.00	94.41 3.48 0.00	61.25 2.81 0.00	54.59 2.76 0.00	51.64 2.62 0.00	55.44 2.66 0.00	55.81 2.68 0.00	53.72 2.46 0.00	62.56 2.52 0.00	101.63 3.87 0.00	159.10 5.98 0.00	211.97 7.66 0.00	99.91 3.58 0.00	66.64 2.21 0.00	63.81 2.18 0.00	60.68 1.85 0.00	51.29 1.55 0.00
ROTRRDAM_115KV_TB3 80664	53.10 1.33 0.00	49.84 1.32 0.00	50.07 1.37 0.00	50.20 1.37 0.00	51.05 1.34 0.00	51.90 1.41 0.00	120.76 3.47 0.00	97.91 2.85 0.00	93.39 2.47 0.00	59.74 1.30 0.00	52.83 1.00 0.00	49.90 0.88 0.00	53.69 0.91 0.00	54.06 0.93 0.00	52.40 1.14 0.00	61.68 1.65 0.00	100.72 2.97 0.00	157.72 4.61 0.00	210.32 6.01 0.00	99.04 2.71 0.00	66.24 1.81 0.00	63.34 1.72 0.00	60.38 1.54 0.00	50.98 1.24 0.00
RUSSELL___1 23602	51.73 -0.04 0.00	48.09 -0.43 0.00	48.25 -0.45 0.00	48.38 -0.46 0.00	49.48 -0.22 0.00	50.27 -0.22 0.00	115.40 -1.90 0.00	93.82 -1.24 0.00	89.95 -0.98 0.00	57.78 -0.66 0.00	51.60 -0.23 0.00	49.29 0.27 0.00	53.51 0.73 0.00	53.79 0.66 0.00	51.14 -0.12 0.00	59.46 -0.57 0.00	93.43 -1.28 3.05	151.73 -1.07 0.31	204.24 -0.07 0.00	95.31 -1.02 0.00	63.90 -0.54 0.00	60.89 -0.73 0.00	59.06 0.22 0.00	50.17 0.43 0.00
RUSSELL___2 23532	51.73 -0.04 0.00	48.09 -0.43 0.00	48.25 -0.45 0.00	48.38 -0.46 0.00	49.48 -0.22 0.00	50.27 -0.22 0.00	115.40 -1.90 0.00	93.82 -1.24 0.00	89.95 -0.98 0.00	57.78 -0.66 0.00	51.60 -0.23 0.00	49.29 0.27 0.00	53.51 0.73 0.00	53.79 0.66 0.00	51.14 -0.12 0.00	59.46 -0.57 0.00	93.43 -1.28 3.05	151.73 -1.07 0.31	204.24 -0.07 0.00	95.31 -1.02 0.00	63.90 -0.54 0.00	60.89 -0.73 0.00	59.06 0.22 0.00	50.17 0.43 0.00
RUSSELL___3 23549	51.73 -0.04 0.00	48.09 -0.43 0.00	48.25 -0.45 0.00	48.38 -0.46 0.00	49.48 -0.22 0.00	50.27 -0.22 0.00	115.40 -1.90 0.00	93.82 -1.24 0.00	89.95 -0.98 0.00	57.78 -0.66 0.00	51.60 -0.23 0.00	49.29 0.27 0.00	53.51 0.73 0.00	53.79 0.66 0.00	51.14 -0.12 0.00	59.46 -0.57 0.00	93.43 -1.28 3.05	151.73 -1.07 0.31	204.24 -0.07 0.00	95.31 -1.02 0.00	63.90 -0.54 0.00	60.89 -0.73 0.00	59.06 0.22 0.00	50.17 0.43 0.00
RUSSELL___4 23556	51.73 -0.04 0.00	48.09 -0.43 0.00	48.25 -0.45 0.00	48.38 -0.46 0.00	49.48 -0.22 0.00	50.27 -0.22 0.00	115.40 -1.90 0.00	93.82 -1.24 0.00	89.95 -0.98 0.00	57.78 -0.66 0.00	51.60 -0.23 0.00	49.29 0.27 0.00	53.51 0.73 0.00	53.79 0.66 0.00	51.14 -0.12 0.00	59.46 -0.57 0.00	93.43 -1.28 3.05	151.73 -1.07 0.31	204.24 -0.07 0.00	95.31 -1.02 0.00	63.90 -0.54 0.00	60.89 -0.73 0.00	59.06 0.22 0.00	50.17 0.43 0.00
RUSSELL___STATION 23914	51.73 -0.04 0.00	48.09 -0.43 0.00	48.25 -0.45 0.00	48.38 -0.46 0.00	49.48 -0.22 0.00	50.27 -0.22 0.00	115.40 -1.90 0.00	93.82 -1.24 0.00	89.95 -0.98 0.00	57.78 -0.66 0.00	51.60 -0.23 0.00	49.29 0.27 0.00	53.51 0.73 0.00	53.79 0.66 0.00	51.14 -0.12 0.00	59.46 -0.57 0.00	93.43 -1.28 3.05	151.73 -1.07 0.31	204.24 -0.07 0.00	95.31 -1.02 0.00	63.90 -0.54 0.00	60.89 -0.73 0.00	59.06 0.22 0.00	50.17 0.43 0.00
S SALMON___HYD 24043	51.08 -0.69 0.00	47.71 -0.80 0.00	47.83 -0.87 0.00	47.95 -0.88 0.00	48.90 -0.80 0.00	49.71 -0.78 0.00	115.55 -1.74 0.00	93.83 -1.23 0.00	89.48 -1.45 0.00	57.02 -1.42 0.00	50.43 -1.40 0.00	47.67 -1.35 0.00	51.31 -1.47 0.00	51.53 -1.59 0.00	49.84 -1.42 0.00	58.59 -1.44 0.00	96.29 -1.46 0.00	151.53 -1.58 0.00	202.25 -2.07 0.00	95.31 -1.02 0.00	63.73 -0.71 0.00	60.77 -0.85 0.00	58.04 -0.80 0.00	49.04 -0.71 0.00
S.PERRY__115KV_TB1 80734	53.23 1.47 0.00	49.41 0.89 0.00	49.60 0.90 0.00	49.76 0.92 0.00	50.96 1.26 0.00	52.07 1.58 0.00	119.23 1.93 0.00	96.92 1.87 0.00	92.09 1.16 0.00	58.35 -0.08 0.00	52.29 0.47 0.00	49.93 0.91 0.00	54.12 1.34 0.00	54.21 1.08 0.00	49.99 -1.27 0.00	57.90 -2.13 0.00	87.46 -2.13 8.16	150.76 -1.52 0.84	203.65 -0.66 0.00	95.23 -1.11 0.00	63.90 -0.54 0.00	62.21 0.59 0.00	60.93 2.09 0.00	51.72 1.98 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	50.81 -0.95 0.00	47.09 -1.42 0.00	47.23 -1.47 0.00	47.34 -1.50 0.00	48.43 -1.28 0.00	49.06 -1.43 0.00	110.89 -6.41 0.00	90.11 -4.95 0.00	86.76 -4.17 0.00	56.09 -2.35 0.00	50.40 -1.43 0.00	48.42 -0.60 0.00	52.70 -0.08 0.00	52.90 -0.23 0.00	49.86 -1.40 0.00	57.46 -2.57 0.00	87.21 -5.15 5.39	145.58 -6.98 0.55	197.14 -7.17 0.00	91.52 -4.81 0.00	61.63 -2.80 0.00	58.68 -2.94 0.00	57.76 -1.08 0.00	49.42 -0.32 0.00

SAWYER___23_KV_LOAD 55526	50.81 -0.95 0.00	47.09 -1.42 0.00	47.23 -1.47 0.00	47.34 -1.50 0.00	48.43 -1.28 0.00	49.06 -1.43 0.00	110.89 -6.41 0.00	90.11 -4.95 0.00	86.76 -4.17 0.00	56.09 -2.35 0.00	50.40 -1.43 0.00	48.42 -0.60 0.00	52.70 -0.08 0.00	52.90 -0.23 0.00	49.86 -1.40 0.00	57.46 -2.57 0.00	87.21 -5.15 5.39	145.58 -6.98 0.55	197.14 -7.17 0.00	91.52 -4.81 0.00	61.63 -2.80 0.00	58.68 -2.94 0.00	57.76 -1.08 0.00	49.42 -0.32 0.00
SELKIRK___I 23801	52.59 0.83 0.00	49.49 0.98 0.00	49.69 0.99 0.00	49.80 0.97 0.00	50.63 0.92 0.00	51.44 0.95 0.00	119.56 2.26 0.00	96.87 1.82 0.00	92.23 1.30 0.00	58.80 0.37 0.00	51.94 0.11 0.00	49.03 0.01 0.00	52.71 -0.07 0.00	53.09 -0.04 0.00	51.65 0.39 0.00	60.99 0.96 0.00	99.67 1.91 0.00	155.98 2.87 0.00	208.04 3.72 0.00	98.43 2.10 0.00	65.85 1.42 0.00	63.03 1.40 0.00	60.02 1.19 0.00	50.67 0.93 0.00
SELKIRK___II 23799	52.32 0.55 0.00	49.19 0.68 0.00	49.40 0.69 0.00	49.52 0.68 0.00	50.34 0.64 0.00	51.15 0.66 0.00	118.95 1.66 0.00	96.45 1.39 0.00	92.13 1.21 0.00	58.97 0.53 0.00	52.15 0.33 0.00	49.25 0.23 0.00	52.92 0.14 0.00	53.34 0.21 0.00	51.79 0.53 0.00	60.88 0.85 0.00	99.26 1.50 0.00	155.32 2.20 0.00	207.03 2.72 0.00	97.95 1.62 0.00	65.50 1.07 0.00	62.72 1.10 0.00	59.70 0.86 0.00	50.41 0.67 0.00
SENECA OSWGO___HYD 24041	50.36 -1.40 0.00	47.16 -1.36 0.00	47.32 -1.38 0.00	47.47 -1.37 0.00	48.35 -1.35 0.00	49.13 -1.36 0.00	114.08 -3.21 0.00	92.54 -2.52 0.00	88.58 -2.35 0.00	56.76 -1.68 0.00	50.24 -1.59 0.00	47.49 -1.53 0.00	51.26 -1.52 0.00	51.58 -1.54 0.00	49.72 -1.54 0.00	58.25 -1.79 0.00	95.03 -2.73 0.00	149.18 -3.93 0.00	199.23 -5.09 0.00	93.78 -2.55 0.00	62.72 -1.71 0.00	59.90 -1.73 0.00	57.23 -1.61 0.00	48.36 -1.38 0.00
SENECA___115KV_TB3 355854	51.38 -0.39 0.00	46.78 -0.91 0.83	46.57 -0.91 1.22	46.06 -0.97 1.80	48.36 -0.74 0.60	49.62 -0.78 0.09	112.22 -4.97 0.10	86.32 -3.68 5.06	86.57 -3.02 1.34	56.82 -1.61 0.00	51.00 -0.83 0.00	48.99 -0.03 0.00	53.28 0.50 0.00	53.51 0.38 0.00	50.40 -0.86 0.00	57.77 -1.91 0.35	83.77 -3.89 10.10	143.48 -4.76 4.87	197.22 -4.53 2.56	90.12 -3.41 2.80	58.34 -1.92 4.18	56.32 -2.16 3.14	54.27 -0.40 4.17	47.83 0.23 2.15
SENECA___ENERGY 23797	51.47 -0.30 0.00	48.05 -0.47 0.00	48.23 -0.47 0.00	48.37 -0.46 0.00	49.30 -0.40 0.00	50.16 -0.33 0.00	116.11 -1.19 0.00	94.17 -0.89 0.00	90.07 -0.86 0.00	57.77 -0.67 0.00	51.12 -0.71 0.00	48.55 -0.47 0.00	52.45 -0.33 0.00	52.88 -0.25 0.00	50.87 -0.39 0.00	59.38 -0.65 0.00	96.63 -1.12 0.00	151.95 -1.17 0.00	203.39 -0.92 0.00	95.48 -0.85 0.00	63.85 -0.58 0.00	60.89 -0.73 0.00	58.47 -0.36 0.00	49.56 -0.19 0.00
SHOEMAKER___GT 23640	53.44 1.68 0.00	50.05 1.53 0.00	50.29 1.59 0.00	50.43 1.59 0.00	51.31 1.61 0.00	52.14 1.65 0.00	121.62 4.32 0.00	98.61 3.55 0.00	94.53 3.60 0.00	61.21 2.78 0.00	54.47 2.64 0.00	51.46 2.44 0.00	55.23 2.46 0.00	55.55 2.42 0.00	53.46 2.20 0.00	62.42 2.39 0.00	101.67 3.91 0.00	159.24 6.13 0.00	212.20 7.89 0.00	100.06 3.73 0.00	66.77 2.34 0.00	63.88 2.25 0.00	60.79 1.95 0.00	51.36 1.62 0.00
SHOEMAKR_138KV_BK 111 55601	53.40 1.63 0.00	50.01 1.50 0.00	50.26 1.56 0.00	50.39 1.55 0.00	51.27 1.57 0.00	52.09 1.61 0.00	121.52 4.23 0.00	98.54 3.48 0.00	94.45 3.53 0.00	61.18 2.75 0.00	54.46 2.64 0.00	51.47 2.45 0.00	55.27 2.50 0.00	55.59 2.46 0.00	53.48 2.22 0.00	62.41 2.38 0.00	101.60 3.85 0.00	159.12 6.00 0.00	212.01 7.70 0.00	99.96 3.64 0.00	66.71 2.28 0.00	63.84 2.22 0.00	60.75 1.91 0.00	51.32 1.58 0.00
SHOREHAM_IC_1 23715	55.71 3.95 0.01	48.89 3.51 3.15	51.69 3.52 0.53	52.24 3.41 0.01	53.43 3.73 0.01	53.41 2.93 0.01	135.48 5.55 -12.63	111.23 4.96 -11.21	103.80 5.75 -7.12	66.48 6.43 -1.61	58.52 6.24 -0.46	54.64 5.68 0.06	58.14 5.45 0.09	57.73 5.26 0.66	55.88 4.77 0.15	72.45 4.43 -7.99	119.18 6.86 -14.56	182.57 11.68 -17.78	235.62 15.44 -15.87	120.46 7.54 -16.60	79.35 4.63 -10.29	75.83 4.45 -9.75	71.56 4.25 -8.47	53.61 3.83 -0.03
SHOREHAM_IC_2 23716	55.71 3.95 0.01	48.87 3.50 3.15	51.69 3.52 0.53	52.24 3.41 0.01	53.44 3.74 0.01	53.42 2.93 0.01	135.49 5.56 -12.63	111.23 4.96 -11.21	103.80 5.75 -7.12	66.46 6.41 -1.61	58.44 6.16 -0.46	54.58 5.61 0.06	58.08 5.39 0.09	57.71 5.24 0.66	55.87 4.76 0.15	72.46 4.44 -7.99	119.18 6.86 -14.56	182.57 11.67 -17.78	235.63 15.45 -15.87	120.47 7.55 -16.60	79.36 4.64 -10.29	75.84 4.46 -9.75	71.59 4.28 -8.47	53.60 3.83 -0.03
SISSONVILLE____ 23735	54.09 2.32 0.00	49.71 1.19 0.00	49.34 0.64 0.00	49.14 0.30 0.00	50.34 0.64 0.00	51.60 1.11 0.00	119.08 1.78 0.00	95.91 0.85 0.00	91.92 0.99 0.00	59.50 1.06 0.00	53.12 1.29 0.00	50.43 1.41 0.00	54.72 1.94 0.00	55.23 2.10 0.00	52.77 1.52 0.00	60.61 0.58 0.00	97.25 -0.51 0.00	151.52 -1.59 0.00	202.12 -2.19 0.00	96.92 0.59 0.00	65.47 1.04 0.00	62.89 1.26 0.00	61.12 2.28 0.00	52.20 2.46 0.00
SITHE_IND_GS1 24169	50.05 -1.72 0.00	46.85 -1.66 0.00	47.02 -1.68 0.00	47.15 -1.68 0.00	48.02 -1.68 0.00	48.77 -1.72 0.00	113.16 -4.14 0.00	91.75 -3.31 0.00	87.79 -3.14 0.00	56.33 -2.10 0.00	49.97 -1.86 0.00	47.29 -1.73 0.00	50.98 -1.80 0.00	51.28 -1.84 0.00	49.40 -1.86 0.00	57.81 -2.22 0.00	94.18 -3.57 0.00	147.71 -5.40 0.00	197.35 -6.97 0.00	92.90 -3.43 0.00	62.15 -2.29 0.00	59.39 -2.23 0.00	56.81 -2.03 0.00	48.05 -1.69 0.00
SITHE_IND_GS2 24170	50.05 -1.72 0.00	46.85 -1.66 0.00	47.02 -1.68 0.00	47.15 -1.68 0.00	48.02 -1.68 0.00	48.77 -1.72 0.00	113.16 -4.14 0.00	91.75 -3.31 0.00	87.79 -3.14 0.00	56.33 -2.10 0.00	49.97 -1.86 0.00	47.29 -1.73 0.00	50.98 -1.80 0.00	51.28 -1.84 0.00	49.40 -1.86 0.00	57.81 -2.22 0.00	94.18 -3.57 0.00	147.71 -5.40 0.00	197.35 -6.97 0.00	92.90 -3.43 0.00	62.15 -2.29 0.00	59.39 -2.23 0.00	56.81 -2.03 0.00	48.05 -1.69 0.00
SITHE_IND_GS3 24171	50.05 -1.72 0.00	46.85 -1.66 0.00	47.02 -1.68 0.00	47.15 -1.68 0.00	48.02 -1.68 0.00	48.77 -1.72 0.00	113.16 -4.14 0.00	91.75 -3.31 0.00	87.79 -3.14 0.00	56.33 -2.10 0.00	49.97 -1.86 0.00	47.29 -1.73 0.00	50.98 -1.80 0.00	51.28 -1.84 0.00	49.40 -1.86 0.00	57.81 -2.22 0.00	94.18 -3.57 0.00	147.71 -5.40 0.00	197.35 -6.97 0.00	92.90 -3.43 0.00	62.15 -2.29 0.00	59.39 -2.23 0.00	56.81 -2.03 0.00	48.05 -1.69 0.00
SITHE_IND_GS4 24172	50.05 -1.72 0.00	46.85 -1.66 0.00	47.02 -1.68 0.00	47.15 -1.68 0.00	48.02 -1.68 0.00	48.77 -1.72 0.00	113.16 -4.14 0.00	91.75 -3.31 0.00	87.79 -3.14 0.00	56.33 -2.10 0.00	49.97 -1.86 0.00	47.29 -1.73 0.00	50.98 -1.80 0.00	51.28 -1.84 0.00	49.40 -1.86 0.00	57.81 -2.22 0.00	94.18 -3.57 0.00	147.71 -5.40 0.00	197.35 -6.97 0.00	92.90 -3.43 0.00	62.15 -2.29 0.00	59.39 -2.23 0.00	56.81 -2.03 0.00	48.05 -1.69 0.00

SITHE___BATAVIA 24024	52.28 0.52 0.00	47.88 -0.07 0.57	47.72 -0.16 0.83	47.43 -0.18 1.23	49.47 0.18 0.41	50.55 0.12 0.06	115.22 -2.00 0.07	90.44 -1.18 3.44	89.08 -0.94 0.91	57.54 -0.90 0.00	51.27 -0.56 0.00	49.13 0.11 0.00	53.69 0.91 0.00	53.84 0.71 0.00	50.90 -0.35 0.00	58.80 -0.99 0.24	89.07 -1.66 7.03	148.88 -0.92 3.31	203.21 0.62 1.73	93.44 -1.00 1.89	61.16 -0.44 2.83	58.71 -0.79 2.12	56.68 0.65 2.82	49.25 0.97 1.46
SITHE___INDEPEND 23800	50.04 -1.72 0.00	46.86 -1.66 0.00	47.02 -1.69 0.00	47.15 -1.68 0.00	48.02 -1.68 0.00	48.77 -1.72 0.00	113.16 -4.13 0.00	91.75 -3.31 0.00	87.79 -3.14 0.00	56.33 -2.10 0.00	49.97 -1.86 0.00	47.29 -1.73 0.00	50.99 -1.79 0.00	51.28 -1.84 0.00	49.39 -1.86 0.00	57.81 -2.22 0.00	94.18 -3.57 0.00	147.71 -5.40 0.00	197.35 -6.96 0.00	92.91 -3.43 0.00	62.14 -2.29 0.00	59.39 -2.24 0.00	56.81 -2.03 0.00	48.05 -1.69 0.00
SITHE___MASSENA 23902	53.96 2.19 0.00	49.56 1.05 0.00	49.19 0.49 0.00	49.00 0.16 0.00	50.31 0.61 0.00	51.60 1.11 0.00	119.04 1.75 0.00	95.93 0.87 0.00	92.05 1.12 0.00	59.74 1.31 0.00	53.35 1.52 0.00	50.80 1.77 0.00	55.14 2.36 0.00	55.68 2.55 0.00	53.12 1.86 0.00	61.29 1.26 0.00	98.34 0.58 0.00	153.52 0.41 0.00	204.79 0.48 0.00	98.10 1.77 0.00	66.20 1.77 0.00	63.39 1.76 0.00	61.41 2.57 0.00	52.27 2.52 0.00
SITHE___OGDNSBRG 24021	54.86 3.10 0.00	50.37 1.85 0.00	50.02 1.31 0.00	49.80 0.96 0.00	51.13 1.43 0.00	52.48 2.00 0.00	121.26 3.96 0.00	97.75 2.68 0.00	93.61 2.69 0.00	60.66 2.23 0.00	54.12 2.30 0.00	51.44 2.42 0.00	55.83 3.05 0.00	56.44 3.32 0.00	53.92 2.66 0.00	62.10 2.07 0.00	99.80 2.04 0.00	155.68 2.57 0.00	207.56 3.25 0.00	99.60 3.27 0.00	67.15 2.72 0.00	64.27 2.65 0.00	62.30 3.46 0.00	53.13 3.39 0.00
SITHE___STERLING 23777	53.21 1.45 0.00	49.87 1.35 0.00	50.05 1.35 0.00	50.19 1.36 0.00	51.19 1.49 0.00	52.15 1.66 0.00	121.40 4.10 0.00	98.54 3.48 0.00	94.05 3.12 0.00	60.31 1.87 0.00	53.31 1.48 0.00	50.20 1.18 0.00	54.17 1.39 0.00	54.35 1.22 0.00	52.27 1.01 0.00	61.49 1.46 0.00	100.82 3.06 0.00	158.28 5.17 0.00	211.32 7.01 0.00	99.52 3.18 0.00	66.55 2.12 0.00	63.48 1.86 0.00	60.60 1.77 0.00	51.15 1.41 0.00
SLEIGHT__34_KV_TB1 80719	51.18 -0.59 0.00	47.72 -0.80 0.00	47.88 -0.82 0.00	48.03 -0.81 0.00	49.00 -0.70 0.00	49.85 -0.64 0.00	115.13 -2.16 0.00	93.46 -1.60 0.00	89.47 -1.46 0.00	57.38 -1.05 0.00	50.87 -0.96 0.00	48.38 -0.64 0.00	52.44 -0.34 0.00	52.76 -0.37 0.00	50.50 -0.76 0.00	58.90 -1.13 0.00	94.35 -2.02 1.39	150.62 -2.35 0.14	201.99 -2.32 0.00	94.56 -1.77 0.00	63.32 -1.11 0.00	60.37 -1.25 0.00	58.18 -0.66 0.00	49.36 -0.38 0.00
SMITHTWN_69_KV_BK 1 55830	55.35 3.60 0.01	48.66 3.19 3.05	51.40 3.22 0.52	51.95 3.12 0.01	53.12 3.43 0.01	53.02 2.54 0.01	127.91 4.59 -6.03	104.45 4.04 -5.35	99.28 4.95 -3.39	65.41 5.93 -1.04	58.19 5.78 -0.58	54.36 5.37 0.03	57.87 5.18 0.08	57.70 5.21 0.63	55.71 4.59 0.14	67.92 4.08 -3.81	110.56 5.98 -6.82	171.70 10.10 -8.48	225.16 13.27 -7.57	110.81 6.56 -7.92	73.39 4.05 -4.91	70.23 3.95 -4.65	66.65 3.78 -4.04	53.17 3.42 -0.01
SOUTH CAIRO___GT 23612	55.05 3.28 0.00	51.76 3.25 0.00	51.97 3.26 0.00	52.09 3.25 0.00	53.00 3.30 0.00	54.08 3.59 0.00	126.35 9.06 0.00	102.91 7.85 0.00	97.12 6.19 0.00	60.58 2.15 0.00	52.89 1.06 0.00	49.73 0.71 0.00	53.30 0.52 0.00	53.86 0.73 0.00	52.52 1.27 0.00	62.89 2.85 0.00	104.63 6.88 0.00	165.37 12.25 0.00	220.57 16.26 0.00	104.25 7.92 0.00	69.70 5.27 0.00	66.49 4.86 0.00	63.17 4.33 0.00	53.14 3.40 0.00
SOUTH HAMPTN___IC 23720	56.41 4.66 0.01	49.51 4.17 3.17	52.33 4.16 0.54	52.93 4.10 0.01	54.18 4.49 0.01	54.27 3.79 0.01	138.30 7.66 -13.35	113.58 6.67 -11.85	105.87 7.41 -7.52	67.59 7.48 -1.67	59.44 7.16 -0.45	55.45 6.50 0.06	58.91 6.22 0.09	58.56 6.09 0.67	56.70 5.59 0.15	73.90 5.42 -8.44	121.70 8.54 -15.40	186.46 14.55 -18.79	240.41 19.33 -16.77	123.08 9.21 -17.54	81.03 5.72 -10.87	77.38 5.44 -10.31	72.97 5.19 -8.95	54.38 4.60 -0.03
SOUTHDOW_115KV_TB1 355954	52.91 1.14 0.00	49.00 0.49 0.00	49.18 0.47 0.00	49.36 0.53 0.00	50.37 0.66 0.00	51.52 1.03 0.00	117.33 0.03 0.00	95.23 0.16 0.00	91.42 0.49 0.00	59.50 1.07 0.00	53.41 1.58 0.00	51.27 2.25 0.00	55.71 2.94 0.00	55.92 2.80 0.00	51.56 0.31 0.00	59.09 -0.93 0.00	88.65 -2.06 7.04	151.22 -1.17 0.72	203.88 -0.43 0.00	95.26 -1.08 0.00	64.11 -0.32 0.00	60.84 -0.79 0.00	60.35 1.51 0.00	51.63 1.88 0.00
SOUTHOLD_69_KV_BK 2 55809	56.94 5.18 0.01	49.97 4.62 3.17	52.76 4.60 0.54	53.44 4.61 0.01	54.77 5.07 0.01	54.94 4.45 0.01	139.91 9.28 -13.34	114.94 8.04 -11.84	107.15 8.70 -7.52	68.40 8.29 -1.67	60.06 7.78 -0.45	56.01 7.05 0.06	59.45 6.75 0.09	59.14 6.68 0.67	57.26 6.16 0.15	74.65 6.19 -8.43	123.05 9.90 -15.39	188.74 16.85 -18.78	243.49 22.42 -16.76	124.38 10.53 -17.52	81.83 6.54 -10.86	78.10 6.17 -10.30	73.68 5.90 -8.94	54.93 5.15 -0.03
SOUTHOLD___IC 23719	56.94 5.18 0.01	49.98 4.63 3.17	52.76 4.59 0.54	53.44 4.61 0.01	54.76 5.06 0.01	54.93 4.45 0.01	139.92 9.29 -13.34	114.94 8.04 -11.84	107.15 8.70 -7.52	68.41 8.30 -1.67	60.14 7.87 -0.45	56.06 7.10 0.06	59.51 6.82 0.09	59.16 6.70 0.67	57.27 6.16 0.15	74.64 6.17 -8.43	123.03 9.89 -15.39	188.74 16.85 -18.78	243.58 22.51 -16.76	124.40 10.55 -17.52	81.83 6.54 -10.86	78.10 6.17 -10.30	73.65 5.88 -8.94	54.93 5.15 -0.03
SOUTH_FORK_WT_PWR 323839	57.03 5.27 0.01	50.06 4.72 3.17	52.82 4.65 0.54	53.55 4.72 0.01	54.90 5.21 0.01	55.13 4.65 0.01	140.40 9.76 -13.35	115.34 8.43 -11.85	107.52 9.07 -7.52	68.64 8.53 -1.67	60.34 8.07 -0.45	56.23 7.27 0.06	59.65 6.95 0.09	59.34 6.87 0.67	57.45 6.34 0.15	74.85 6.38 -8.44	123.43 10.28 -15.40	189.43 17.53 -18.78	244.49 23.41 -16.77	124.67 10.81 -17.53	81.97 6.66 -10.87	78.22 6.29 -10.30	73.78 6.00 -8.94	55.04 5.26 -0.03
SPIERFLS_115KV_TB 1 80737	55.18 3.42 0.00	51.77 3.25 0.00	52.06 3.36 0.00	52.17 3.33 0.00	53.03 3.32 0.00	54.29 3.81 0.00	126.43 9.13 0.00	102.53 7.47 0.00	97.14 6.21 0.00	61.43 3.00 0.00	54.16 2.34 0.00	51.03 2.00 0.00	54.97 2.19 0.00	55.28 2.15 0.00	54.14 2.88 0.00	64.17 4.13 0.00	105.20 7.44 0.00	165.19 12.08 0.00	220.08 15.77 0.00	103.06 6.73 0.00	69.05 4.62 0.00	65.83 4.21 0.00	62.75 3.92 0.00	52.86 3.11 0.00
ST LAWRENCE____ 23600	53.11 1.35 0.00	48.80 0.29 0.00	48.45 -0.25 0.00	48.27 -0.57 0.00	49.56 -0.14 0.00	50.81 0.32 0.00	117.27 -0.03 0.00	94.49 -0.57 0.00	90.71 -0.22 0.00	58.91 0.47 0.00	52.58 0.76 0.00	50.06 1.04 0.00	54.35 1.57 0.00	54.87 1.74 0.00	52.36 1.10 0.00	60.47 0.44 0.00	97.05 -0.70 0.00	151.52 -1.59 0.00	202.11 -2.20 0.00	96.86 0.53 0.00	65.32 0.89 0.00	62.52 0.90 0.00	60.51 1.67 0.00	51.47 1.73 0.00

STATE_CA_115KV_115_LB 55624	52.17 0.40 0.00	49.07 0.56 0.00	49.27 0.56 0.00	49.40 0.56 0.00	50.21 0.50 0.00	51.06 0.58 0.00	118.82 1.52 0.00	96.35 1.28 0.00	92.02 1.09 0.00	58.82 0.38 0.00	51.97 0.14 0.00	49.07 0.05 0.00	52.73 -0.05 0.00	53.13 0.00 0.00	51.76 0.51 0.00	60.95 0.92 0.00	99.41 1.65 0.00	155.49 2.38 0.00	207.15 2.84 0.00	98.36 2.03 0.00	65.71 1.28 0.00	62.91 1.28 0.00	59.81 0.98 0.00	50.48 0.73 0.00
STATE_ST_34_KV_LOAD 55959	52.02 0.25 0.00	48.64 0.12 0.00	48.87 0.17 0.00	49.04 0.20 0.00	49.82 0.11 0.00	50.65 0.16 0.00	117.43 0.13 0.00	95.22 0.16 0.00	90.95 0.02 0.00	58.25 -0.18 0.00	51.51 -0.32 0.00	48.72 -0.30 0.00	52.59 -0.19 0.00	52.93 -0.20 0.00	50.93 -0.33 0.00	59.70 -0.33 0.00	98.74 -0.22 -1.20	153.42 0.19 -0.12	204.84 0.53 0.00	96.33 0.00 0.00	64.44 0.01 0.00	61.53 -0.10 0.00	58.91 0.07 0.00	49.94 0.19 0.00
STATION_5_MISC_HYD 23604	51.53 -0.24 0.00	47.52 -0.62 0.38	47.51 -0.63 0.56	47.36 -0.65 0.83	49.00 -0.43 0.28	50.03 -0.42 0.04	114.83 -2.41 0.05	91.04 -1.70 2.33	88.91 -1.41 0.61	57.52 -0.91 0.00	51.34 -0.49 0.00	49.04 0.02 0.00	53.23 0.46 0.00	53.53 0.40 0.00	50.91 -0.35 0.00	59.01 -0.86 0.16	91.08 -1.78 4.89	149.00 -1.88 2.24	202.01 -1.15 1.16	93.58 -1.48 1.27	61.67 -0.85 1.91	59.17 -1.04 1.42	56.91 -0.05 1.88	48.98 0.22 0.98
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	51.39 -0.38 0.00	47.92 -0.60 0.00	48.08 -0.62 0.00	48.23 -0.61 0.00	49.25 -0.46 0.00	50.09 -0.40 0.00	115.59 -1.71 0.00	93.84 -1.22 0.00	89.85 -1.08 0.00	57.66 -0.78 0.00	51.25 -0.58 0.00	48.77 -0.26 0.00	52.82 0.04 0.00	53.13 0.00 0.00	50.82 -0.44 0.00	59.26 -0.77 0.00	94.61 -1.43 1.72	151.50 -1.43 0.18	203.23 -1.08 0.00	95.17 -1.16 0.00	63.71 -0.72 0.00	60.75 -0.88 0.00	58.56 -0.28 0.00	49.68 -0.07 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	51.09 -0.68 0.00	47.55 -0.96 0.00	47.69 -1.01 0.00	47.83 -1.01 0.00	48.89 -0.82 0.00	49.66 -0.83 0.00	114.05 -3.25 0.00	92.63 -2.43 0.00	88.80 -2.12 0.00	57.08 -1.36 0.00	50.94 -0.89 0.00	48.63 -0.39 0.00	52.76 -0.02 0.00	53.04 -0.09 0.00	50.50 -0.76 0.00	58.72 -1.31 0.00	92.49 -2.52 2.75	149.73 -3.10 0.28	201.38 -2.93 0.00	94.03 -2.30 0.00	63.04 -1.39 0.00	60.12 -1.50 0.00	58.26 -0.58 0.00	49.49 -0.25 0.00
STA_56___34_KV_BUS2 355983	51.09 -0.68 0.00	47.55 -0.96 0.00	47.69 -1.01 0.00	47.83 -1.01 0.00	48.89 -0.82 0.00	49.66 -0.83 0.00	114.05 -3.25 0.00	92.63 -2.43 0.00	88.80 -2.12 0.00	57.08 -1.36 0.00	50.94 -0.89 0.00	48.63 -0.39 0.00	52.76 -0.02 0.00	53.04 -0.09 0.00	50.50 -0.76 0.00	58.72 -1.31 0.00	92.49 -2.52 2.75	149.73 -3.10 0.28	201.38 -2.93 0.00	94.03 -2.30 0.00	63.04 -1.39 0.00	60.12 -1.50 0.00	58.26 -0.58 0.00	49.49 -0.25 0.00
STA_67___115KV_BK2 355882	51.43 -0.34 0.00	47.84 -0.67 0.00	47.99 -0.72 0.00	48.12 -0.71 0.00	49.20 -0.51 0.00	49.97 -0.51 0.00	114.65 -2.65 0.00	93.14 -1.92 0.00	89.34 -1.59 0.00	57.40 -1.04 0.00	51.25 -0.57 0.00	48.95 -0.07 0.00	53.15 0.36 0.00	53.42 0.29 0.00	50.80 -0.45 0.00	59.03 -1.00 0.00	92.68 -2.03 3.05	150.50 -2.30 0.31	202.61 -1.70 0.00	94.57 -1.76 0.00	63.40 -1.03 0.00	60.45 -1.17 0.00	58.65 -0.19 0.00	49.86 0.11 0.00
STA_7___115KV_9TRANS 80674	51.73 -0.04 0.00	48.09 -0.43 0.00	48.25 -0.45 0.00	48.38 -0.46 0.00	49.48 -0.22 0.00	50.27 -0.22 0.00	115.40 -1.90 0.00	93.82 -1.24 0.00	89.95 -0.98 0.00	57.78 -0.66 0.00	51.60 -0.23 0.00	49.29 0.27 0.00	53.51 0.73 0.00	53.79 0.66 0.00	51.14 -0.12 0.00	59.46 -0.57 0.00	93.43 -1.28 3.05	151.73 -1.07 0.31	204.24 -0.07 0.00	95.31 -1.02 0.00	63.90 -0.54 0.00	60.89 -0.73 0.00	59.06 0.22 0.00	50.17 0.43 0.00
STA_82___115KV_TB1 80780	51.39 -0.37 0.00	47.80 -0.72 0.00	47.96 -0.75 0.00	48.08 -0.75 0.00	49.18 -0.52 0.00	49.93 -0.56 0.00	114.55 -2.75 0.00	93.08 -1.98 0.00	89.25 -1.68 0.00	57.35 -1.09 0.00	51.21 -0.62 0.00	48.90 -0.11 0.00	53.09 0.31 0.00	53.36 0.24 0.00	50.75 -0.50 0.00	58.97 -1.06 0.00	92.57 -2.12 3.06	150.35 -2.45 0.31	202.40 -1.91 0.00	94.49 -1.83 0.00	63.34 -1.09 0.00	60.40 -1.23 0.00	58.61 -0.23 0.00	49.84 0.09 0.00
STEEL___WIND 323596	51.32 -0.44 0.00	46.73 -0.96 0.83	46.53 -0.96 1.22	45.99 -1.04 1.80	48.31 -0.79 0.60	49.55 -0.85 0.09	112.04 -5.15 0.10	86.23 -3.77 5.06	86.47 -3.12 1.34	56.77 -1.67 0.00	50.93 -0.89 0.00	48.90 -0.12 0.00	53.17 0.39 0.00	53.43 0.30 0.00	50.29 -0.96 0.00	57.70 -1.97 0.35	83.67 -3.99 10.10	143.34 -4.91 4.87	196.93 -4.81 2.56	90.02 -3.51 2.80	58.23 -2.02 4.18	56.25 -2.23 3.14	54.19 -0.49 4.17	47.78 0.18 2.15
STEPHTWN_115KV_BK_2 55603	52.84 1.08 0.00	49.58 1.06 0.00	49.77 1.06 0.00	49.86 1.02 0.00	50.75 1.05 0.00	51.82 1.33 0.00	120.56 3.26 0.00	97.64 2.58 0.00	93.01 2.09 0.00	59.38 0.94 0.00	52.42 0.59 0.00	49.51 0.49 0.00	53.16 0.38 0.00	53.57 0.44 0.00	52.34 1.08 0.00	61.62 1.59 0.00	100.60 2.84 0.00	157.43 4.32 0.00	209.97 5.66 0.00	98.34 2.01 0.00	66.41 1.98 0.00	63.60 1.98 0.00	60.46 1.63 0.00	51.02 1.27 0.00
STEBEN_REC_LFGE 323667	52.43 0.67 0.00	48.78 0.27 0.00	49.00 0.30 0.00	49.10 0.27 0.00	50.16 0.45 0.00	51.43 0.95 0.00	116.85 -0.44 0.00	94.94 -0.12 0.00	89.98 -0.95 0.00	57.95 -0.49 0.00	51.98 0.15 0.00	49.71 0.69 0.00	53.93 1.15 0.00	54.10 0.97 0.00	50.82 -0.43 0.00	58.91 -1.12 0.00	80.67 -1.39 15.69	150.92 -0.58 1.61	204.48 0.16 0.00	95.78 -0.55 0.00	64.38 -0.05 0.00	61.37 -0.26 0.00	59.75 0.92 0.00	50.76 1.01 0.00
STILLWATER___SOLAR 323814	54.20 2.43 0.00	50.88 2.36 0.00	51.13 2.43 0.00	51.23 2.39 0.00	52.09 2.39 0.00	53.17 2.68 0.00	123.76 6.46 0.00	100.31 5.25 0.00	95.29 4.37 0.00	60.48 2.05 0.00	53.28 1.45 0.00	50.22 1.20 0.00	54.17 1.39 0.00	54.50 1.38 0.00	53.23 1.97 0.00	63.02 2.99 0.00	103.17 5.42 0.00	161.71 8.60 0.00	215.54 11.23 0.00	101.19 4.86 0.00	67.70 3.27 0.00	64.68 3.06 0.00	61.61 2.77 0.00	51.95 2.20 0.00
STONY___BROOK 24151	55.26 3.50 0.01	48.55 3.12 3.09	51.32 3.14 0.52	51.85 3.02 0.01	53.02 3.32 0.01	52.90 2.41 0.01	131.21 4.23 -9.68	107.32 3.67 -8.59	101.05 4.66 -5.46	65.60 5.80 -1.36	58.13 5.79 -0.51	54.32 5.34 0.04	57.84 5.14 0.08	57.60 5.12 0.64	55.62 4.50 0.14	70.07 3.92 -6.12	114.48 5.61 -11.11	176.24 9.50 -13.63	228.93 12.45 -12.16	115.22 6.17 -12.72	76.12 3.80 -7.89	72.90 3.79 -7.48	68.95 3.62 -6.49	53.10 3.33 -0.02
STURGEON_POOL_HYD 23609	53.58 1.82 0.00	50.21 1.69 0.00	50.47 1.76 0.00	50.61 1.77 0.00	51.48 1.78 0.00	52.26 1.78 0.00	121.98 4.69 0.00	99.01 3.95 0.00	95.05 4.12 0.00	61.59 3.16 0.00	54.82 3.00 0.00	51.80 2.78 0.00	55.57 2.79 0.00	55.93 2.80 0.00	53.86 2.61 0.00	62.79 2.76 0.00	102.08 4.32 0.00	159.87 6.76 0.00	213.04 8.73 0.00	100.40 4.07 0.00	66.99 2.56 0.00	64.15 2.53 0.00	61.00 2.16 0.00	51.51 1.76 0.00

ST_LAW_115_BK7_LBMP 345037	53.16 1.40 0.00	48.83 0.31 0.00	48.47 -0.24 0.00	48.28 -0.56 0.00	49.58 -0.12 0.00	50.84 0.35 0.00	117.32 0.02 0.00	94.52 -0.54 0.00	90.76 -0.17 0.00	58.92 0.49 0.00	52.61 0.78 0.00	50.11 1.09 0.00	54.39 1.61 0.00	54.93 1.79 0.00	52.40 1.14 0.00	60.50 0.47 0.00	97.07 -0.69 0.00	151.52 -1.59 0.00	202.11 -2.20 0.00	96.87 0.54 0.00	65.35 0.92 0.00	62.55 0.92 0.00	60.54 1.70 0.00	51.52 1.78 0.00
ST_LAW_115_BK8_LBMP 345038	53.16 1.40 0.00	48.83 0.31 0.00	48.47 -0.24 0.00	48.28 -0.56 0.00	49.58 -0.12 0.00	50.84 0.35 0.00	117.32 0.02 0.00	94.52 -0.54 0.00	90.76 -0.17 0.00	58.92 0.49 0.00	52.61 0.78 0.00	50.11 1.09 0.00	54.39 1.61 0.00	54.93 1.79 0.00	52.40 1.14 0.00	60.50 0.47 0.00	97.07 -0.69 0.00	151.52 -1.59 0.00	202.11 -2.20 0.00	96.87 0.54 0.00	65.35 0.92 0.00	62.55 0.92 0.00	60.54 1.70 0.00	51.52 1.78 0.00
ST_LAW_230_BK5_LBMP 345035	53.11 1.35 0.00	48.80 0.29 0.00	48.45 -0.25 0.00	48.27 -0.57 0.00	49.56 -0.14 0.00	50.81 0.32 0.00	117.27 -0.03 0.00	94.49 -0.57 0.00	90.71 -0.22 0.00	58.91 0.47 0.00	52.58 0.76 0.00	50.06 1.04 0.00	54.35 1.57 0.00	54.87 1.74 0.00	52.36 1.10 0.00	60.47 0.44 0.00	97.05 -0.70 0.00	151.52 -1.59 0.00	202.11 -2.20 0.00	96.86 0.53 0.00	65.32 0.89 0.00	62.52 0.90 0.00	60.51 1.67 0.00	51.47 1.73 0.00
ST_LAW_230_BK6_LBMP 345036	53.11 1.35 0.00	48.80 0.29 0.00	48.45 -0.25 0.00	48.27 -0.57 0.00	49.56 -0.14 0.00	50.81 0.32 0.00	117.27 -0.03 0.00	94.49 -0.57 0.00	90.71 -0.22 0.00	58.91 0.47 0.00	52.58 0.76 0.00	50.06 1.04 0.00	54.35 1.57 0.00	54.87 1.74 0.00	52.36 1.10 0.00	60.47 0.44 0.00	97.05 -0.70 0.00	151.52 -1.59 0.00	202.11 -2.20 0.00	96.86 0.53 0.00	65.32 0.89 0.00	62.52 0.90 0.00	60.51 1.67 0.00	51.47 1.73 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	53.50 1.73 0.00	50.07 1.55 0.00	50.34 1.64 0.00	50.46 1.62 0.00	51.33 1.63 0.00	52.18 1.70 0.00	121.83 4.53 0.00	98.76 3.70 0.00	94.72 3.79 0.00	61.46 3.03 0.00	54.77 2.94 0.00	51.81 2.79 0.00	55.63 2.86 0.00	55.99 2.86 0.00	53.83 2.57 0.00	62.70 2.66 0.00	101.92 4.16 0.00	159.58 6.47 0.00	212.60 8.29 0.00	100.17 3.84 0.00	66.84 2.41 0.00	63.97 2.34 0.00	60.84 2.00 0.00	51.41 1.66 0.00
SWANROAD_115KV_TB1 355699	50.29 -1.47 0.00	46.47 -2.04 0.00	46.49 -2.21 0.00	46.57 -2.27 0.00	47.77 -1.93 0.00	48.22 -2.27 0.00	108.68 -8.61 0.00	88.26 -6.80 0.00	85.10 -5.83 0.00	54.95 -3.49 0.00	49.40 -2.42 0.00	47.48 -1.55 0.00	51.70 -1.08 0.00	51.89 -1.24 0.00	48.93 -2.32 0.00	56.37 -3.66 0.00	85.69 -6.99 5.08	142.65 -9.94 0.52	193.21 -11.10 0.00	89.62 -6.71 0.00	60.33 -4.10 0.00	57.51 -4.11 0.00	56.69 -2.15 0.00	48.59 -1.15 0.00
SYNERGY___BIOGAS 323694	52.29 0.53 0.00	48.45 -0.07 0.00	48.54 -0.16 0.00	48.66 -0.18 0.00	49.89 0.18 0.00	50.60 0.12 0.00	115.30 -2.00 0.00	93.88 -1.18 0.00	89.98 -0.95 0.00	57.53 -0.90 0.00	51.30 -0.52 0.00	49.16 0.14 0.00	53.74 0.96 0.00	53.84 0.72 0.00	50.91 -0.34 0.00	59.04 -0.99 0.00	91.83 -1.65 4.28	151.67 -1.01 0.44	204.90 0.59 0.00	95.23 -1.10 0.00	63.95 -0.48 0.00	60.82 -0.80 0.00	59.46 0.62 0.00	50.71 0.97 0.00
SYRACUSE___ENERGY_ST1 323597	51.40 -0.36 0.00	48.12 -0.39 0.00	48.32 -0.39 0.00	48.45 -0.38 0.00	49.30 -0.41 0.00	50.12 -0.37 0.00	116.37 -0.93 0.00	94.35 -0.71 0.00	90.18 -0.75 0.00	57.85 -0.59 0.00	51.24 -0.59 0.00	48.51 -0.51 0.00	52.31 -0.47 0.00	52.60 -0.52 0.00	50.68 -0.57 0.00	59.37 -0.66 0.00	96.81 -0.94 0.00	151.97 -1.14 0.00	203.01 -1.30 0.00	95.55 -0.78 0.00	63.91 -0.52 0.00	61.03 -0.60 0.00	58.32 -0.52 0.00	49.31 -0.43 0.00
SYRACUSE___ENERGY_ST2 323598	51.40 -0.36 0.00	48.12 -0.39 0.00	48.32 -0.39 0.00	48.45 -0.38 0.00	49.30 -0.41 0.00	50.12 -0.37 0.00	116.37 -0.93 0.00	94.35 -0.71 0.00	90.18 -0.75 0.00	57.85 -0.59 0.00	51.24 -0.59 0.00	48.51 -0.51 0.00	52.31 -0.47 0.00	52.60 -0.52 0.00	50.68 -0.57 0.00	59.37 -0.66 0.00	96.81 -0.94 0.00	151.97 -1.14 0.00	203.01 -1.30 0.00	95.55 -0.78 0.00	63.91 -0.52 0.00	61.03 -0.60 0.00	58.32 -0.52 0.00	49.31 -0.43 0.00
SYRACUSE___POWER 24017	51.47 -0.30 0.00	48.19 -0.32 0.00	48.37 -0.33 0.00	48.52 -0.32 0.00	49.42 -0.28 0.00	50.25 -0.24 0.00	116.70 -0.60 0.00	94.65 -0.40 0.00	90.48 -0.45 0.00	58.02 -0.41 0.00	51.41 -0.42 0.00	48.65 -0.37 0.00	52.44 -0.34 0.00	52.72 -0.40 0.00	50.79 -0.46 0.00	59.56 -0.47 0.00	97.87 -0.62 -0.74	152.61 -0.58 -0.08	203.71 -0.60 0.00	95.86 -0.46 0.00	64.12 -0.31 0.00	61.21 -0.41 0.00	58.49 -0.35 0.00	49.42 -0.32 0.00
TALLMAN__138KV_BK151 55660	53.56 1.79 0.00	50.10 1.58 0.00	50.37 1.67 0.00	50.49 1.65 0.00	51.37 1.67 0.00	52.23 1.75 0.00	122.03 4.74 0.00	98.92 3.86 0.00	94.93 4.00 0.00	61.76 3.32 0.00	55.09 3.26 0.00	52.16 3.14 0.00	56.00 3.22 0.00	56.41 3.29 0.00	54.16 2.90 0.00	62.91 2.88 0.00	102.20 4.45 0.00	159.93 6.82 0.00	213.01 8.70 0.00	100.34 4.01 0.00	66.90 2.47 0.00	64.05 2.43 0.00	60.90 2.06 0.00	51.47 1.72 0.00
TEALLAVE_115KV_TB7 355573	51.07 -0.70 0.00	47.81 -0.71 0.00	47.99 -0.71 0.00	48.14 -0.70 0.00	49.04 -0.66 0.00	49.84 -0.65 0.00	115.70 -1.60 0.00	93.86 -1.20 0.00	89.77 -1.16 0.00	57.61 -0.83 0.00	51.08 -0.75 0.00	48.35 -0.67 0.00	52.12 -0.66 0.00	52.40 -0.72 0.00	50.47 -0.79 0.00	59.12 -0.91 0.00	96.36 -1.39 0.00	151.21 -1.90 0.00	201.96 -2.35 0.00	95.03 -1.30 0.00	63.57 -0.86 0.00	60.69 -0.94 0.00	58.02 -0.82 0.00	49.05 -0.70 0.00
TELGRAPH_34_KV_EAST 80808	51.29 -0.48 0.00	47.48 -1.04 0.00	47.55 -1.15 0.00	47.65 -1.19 0.00	48.84 -0.86 0.00	49.42 -1.07 0.00	112.01 -5.29 0.00	91.12 -3.94 0.00	87.63 -3.30 0.00	56.36 -2.08 0.00	50.52 -1.31 0.00	48.49 -0.53 0.00	52.85 0.07 0.00	53.03 -0.10 0.00	50.04 -1.22 0.00	57.84 -2.19 0.00	88.86 -4.24 4.65	147.20 -5.44 0.48	199.18 -5.13 0.00	92.46 -3.87 0.00	62.20 -2.24 0.00	59.21 -2.41 0.00	58.15 -0.69 0.00	49.70 -0.04 0.00
TEMPLE___115KV_TB 2 55572	51.08 -0.68 0.00	47.83 -0.69 0.00	48.02 -0.69 0.00	48.15 -0.68 0.00	49.05 -0.65 0.00	49.86 -0.63 0.00	115.74 -1.55 0.00	93.89 -1.17 0.00	89.80 -1.13 0.00	57.62 -0.81 0.00	51.11 -0.72 0.00	48.37 -0.65 0.00	52.15 -0.63 0.00	52.42 -0.70 0.00	50.50 -0.76 0.00	59.15 -0.88 0.00	96.41 -1.34 0.00	151.31 -1.81 0.00	202.08 -2.24 0.00	95.07 -1.26 0.00	63.60 -0.83 0.00	60.73 -0.90 0.00	58.05 -0.78 0.00	49.06 -0.68 0.00
TIANA____69_KV_BK 1 55817	56.25 4.49 0.01	49.33 3.99 3.17	52.16 3.99 0.54	52.75 3.92 0.01	53.99 4.30 0.01	54.04 3.56 0.01	137.76 7.13 -13.34	113.13 6.23 -11.84	105.42 6.98 -7.52	67.29 7.18 -1.67	59.10 6.83 -0.45	55.17 6.21 0.06	58.64 5.95 0.09	58.33 5.87 0.67	56.48 5.37 0.15	73.63 5.17 -8.44	121.28 8.14 -15.39	185.68 13.79 -18.78	239.38 18.31 -16.76	122.65 8.80 -17.52	80.76 5.46 -10.87	77.13 5.21 -10.30	72.76 4.99 -8.94	54.18 4.40 -0.03

TILDEN___115KV_TB1 80814	51.47 -0.30 0.00	48.19 -0.32 0.00	48.37 -0.33 0.00	48.52 -0.32 0.00	49.42 -0.28 0.00	50.25 -0.24 0.00	116.70 -0.60 0.00	94.65 -0.40 0.00	90.48 -0.45 0.00	58.02 -0.41 0.00	51.41 -0.42 0.00	48.65 -0.37 0.00	52.44 -0.34 0.00	52.72 -0.40 0.00	50.79 -0.46 0.00	59.56 -0.47 0.00	97.87 -0.62 -0.74	152.61 -0.58 -0.08	203.71 -0.60 0.00	95.86 -0.46 0.00	64.12 -0.31 0.00	61.21 -0.41 0.00	58.49 -0.35 0.00	49.42 -0.32 0.00
TRIGEN___CC 323695	54.71 2.94 0.00	51.78 2.68 -0.58	51.53 2.73 -0.10	51.44 2.60 0.00	52.50 2.80 0.00	52.65 2.17 0.00	121.97 4.68 0.00	99.27 4.20 0.00	95.77 4.84 0.00	64.98 4.98 -1.57	57.26 4.81 -0.62	54.36 4.58 -0.76	57.34 4.54 -0.02	58.05 4.65 -0.27	55.52 4.09 -0.17	63.80 3.78 0.00	103.40 5.60 -0.05	162.18 9.07 0.00	216.07 11.76 0.00	101.99 5.67 0.00	67.86 3.43 0.00	64.94 3.32 0.00	61.92 3.08 -0.01	52.50 2.75 -0.01
TRINITY___115KV___4 BK 55933	52.02 0.26 0.00	48.94 0.42 0.00	49.14 0.43 0.00	49.22 0.39 0.00	50.05 0.35 0.00	50.90 0.41 0.00	118.41 1.12 0.00	96.02 0.95 0.00	91.71 0.78 0.00	58.62 0.19 0.00	51.79 -0.04 0.00	48.88 -0.14 0.00	52.52 -0.26 0.00	52.94 -0.19 0.00	51.55 0.29 0.00	60.68 0.65 0.00	98.96 1.21 0.00	154.73 1.62 0.00	206.14 1.83 0.00	97.80 1.47 0.00	65.39 0.96 0.00	62.61 0.99 0.00	59.55 0.71 0.00	50.26 0.52 0.00
UNION___PROCESSING_DRP 323587	51.41 -0.36 0.00	47.81 -0.70 0.00	47.97 -0.74 0.00	48.09 -0.74 0.00	49.18 -0.52 0.00	49.95 -0.54 0.00	114.60 -2.70 0.00	93.09 -1.97 0.00	89.25 -1.68 0.00	57.36 -1.08 0.00	51.22 -0.61 0.00	48.92 -0.10 0.00	53.11 0.33 0.00	53.37 0.24 0.00	50.76 -0.49 0.00	58.99 -1.04 0.00	92.60 -2.10 3.06	150.45 -2.35 0.31	202.50 -1.82 0.00	94.51 -1.82 0.00	63.36 -1.07 0.00	60.42 -1.21 0.00	58.62 -0.22 0.00	49.84 0.09 0.00
UPPER HUDSON___HYD 24058	55.18 3.42 0.00	51.77 3.25 0.00	52.06 3.36 0.00	52.16 3.32 0.00	53.03 3.32 0.00	54.29 3.81 0.00	126.43 9.13 0.00	102.53 7.47 0.00	97.14 6.21 0.00	61.43 3.00 0.00	54.16 2.34 0.00	51.02 2.00 0.00	54.97 2.20 0.00	55.28 2.15 0.00	54.14 2.88 0.00	64.17 4.14 0.00	105.22 7.46 0.00	165.20 12.09 0.00	220.09 15.77 0.00	103.06 6.73 0.00	69.04 4.61 0.00	65.83 4.21 0.00	62.75 3.92 0.00	52.86 3.11 0.00
UPPER RAQUET___HYD 24056	54.09 2.32 0.00	49.71 1.19 0.00	49.34 0.64 0.00	49.16 0.32 0.00	50.34 0.64 0.00	51.60 1.11 0.00	119.08 1.78 0.00	95.91 0.85 0.00	91.92 0.99 0.00	59.50 1.06 0.00	53.11 1.28 0.00	50.43 1.41 0.00	54.72 2.10 0.00	55.23 2.10 0.00	52.77 1.51 0.00	60.62 0.59 0.00	97.19 -0.56 0.00	151.50 -1.61 0.00	202.16 -2.15 0.00	96.74 0.41 0.00	65.47 1.04 0.00	62.89 1.26 0.00	61.11 2.28 0.00	52.20 2.46 0.00
VALLEY44_115KV_TB2 355964	51.39 -0.38 0.00	47.70 -0.82 0.00	47.94 -0.76 0.00	48.08 -0.75 0.00	49.05 -0.65 0.00	50.00 -0.49 0.00	113.11 -4.18 0.00	91.86 -3.20 0.00	88.01 -2.92 0.00	57.31 -1.13 0.00	51.63 -0.19 0.00	49.53 0.52 0.00	53.98 1.20 0.00	54.28 1.15 0.00	50.90 -0.36 0.00	58.30 -1.73 0.00	86.75 -3.67 7.33	147.73 -4.63 0.75	199.68 -4.63 0.00	93.15 -3.19 0.00	62.77 -1.65 0.00	59.71 -1.91 0.00	58.60 -0.24 0.00	49.98 0.23 0.00
VALLEY___115KV_TB 1-4 80826	54.20 2.43 0.00	50.85 2.33 0.00	51.06 2.35 0.00	51.17 2.33 0.00	52.08 2.38 0.00	53.09 2.60 0.00	123.52 6.22 0.00	99.66 4.60 0.00	94.14 3.21 0.00	59.98 1.55 0.00	52.84 1.01 0.00	49.76 0.74 0.00	53.53 0.75 0.00	53.86 0.73 0.00	52.23 0.97 0.00	62.08 2.05 0.00	102.50 4.74 0.00	161.12 8.01 0.00	215.14 10.83 0.00	101.35 5.02 0.00	67.74 3.31 0.00	64.93 3.30 0.00	61.90 3.06 0.00	52.19 2.44 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	54.91 3.15 0.00	51.54 3.03 0.00	51.81 3.10 0.00	52.07 3.24 0.00	52.99 3.29 0.00	53.81 3.32 0.00	125.35 8.05 0.00	101.48 6.42 0.00	97.05 6.12 0.00	62.25 3.82 0.00	55.02 3.19 0.00	52.00 2.98 0.00	55.78 3.00 0.00	56.04 2.91 0.00	53.97 2.72 0.00	63.28 3.25 0.00	104.05 5.26 -1.04	162.07 8.85 -0.11	216.45 12.14 0.00	102.13 5.80 0.00	68.39 3.96 0.00	65.33 3.71 0.00	62.38 3.54 0.00	52.62 2.87 0.00
VISCHER___FERRY HYD 24020	53.14 1.38 0.00	49.95 1.43 0.00	50.16 1.46 0.00	50.26 1.42 0.00	51.08 1.38 0.00	52.07 1.58 0.00	121.07 3.77 0.00	98.23 3.17 0.00	93.54 2.61 0.00	59.52 1.08 0.00	52.39 0.56 0.00	49.40 0.38 0.00	53.20 0.43 0.00	53.65 0.53 0.00	52.31 1.05 0.00	61.81 1.78 0.00	101.00 3.25 0.00	158.10 4.99 0.00	210.70 6.39 0.00	99.04 2.71 0.00	66.26 1.83 0.00	63.43 1.80 0.00	60.35 1.51 0.00	50.91 1.17 0.00
V_A_10_SYNC_DSASP 323832	50.54 -1.23 0.00	46.91 -1.61 0.00	47.05 -1.66 0.00	47.17 -1.66 0.00	48.25 -1.45 0.00	48.87 -1.61 0.00	111.08 -6.22 0.00	90.16 -4.90 0.00	86.70 -4.23 0.00	55.97 -2.47 0.00	50.21 -1.62 0.00	48.12 -0.90 0.00	52.32 -0.46 0.00	52.58 -0.55 0.00	49.75 -1.51 0.00	57.47 -2.56 0.00	88.61 -5.11 4.04	145.59 -7.11 0.41	196.67 -7.64 0.00	91.47 -4.86 0.00	61.52 -2.91 0.00	58.65 -2.97 0.00	57.43 -1.41 0.00	49.05 -0.70 0.00
V_CMM_10_SYNC_DSASP 323787	53.47 1.70 0.00	49.10 0.58 0.00	48.74 0.04 0.00	48.53 -0.31 0.00	49.85 0.15 0.00	51.14 0.65 0.00	117.99 0.69 0.00	95.08 0.02 0.00	91.26 0.33 0.00	59.27 0.83 0.00	52.92 1.09 0.00	50.40 1.38 0.00	54.73 1.94 0.00	55.26 2.13 0.00	52.70 1.45 0.00	60.86 0.83 0.00	97.70 -0.05 0.00	152.28 -0.83 0.00	202.66 -1.65 0.00	97.60 1.27 0.00	65.73 1.30 0.00	62.92 1.29 0.00	60.89 2.06 0.00	51.82 2.08 0.00
V_CMP_10_SYNC_DSASP 323788	53.96 2.20 0.00	49.53 1.01 0.00	49.02 0.32 0.00	48.68 -0.16 0.00	49.95 0.25 0.00	51.15 0.66 0.00	117.44 0.14 0.00	94.75 -0.31 0.00	90.99 0.06 0.00	59.35 0.92 0.00	52.97 1.15 0.00	50.39 1.37 0.00	54.67 1.89 0.00	55.16 2.03 0.00	52.61 1.36 0.00	60.56 0.53 0.00	97.46 -0.29 0.00	152.42 -0.69 0.00	203.45 -0.86 0.00	97.52 1.19 0.00	65.69 1.26 0.00	63.09 1.47 0.00	61.12 2.28 0.00	51.96 2.22 0.00
V_D_10_SYNC_DSASP 323841	53.95 2.18 0.00	49.54 1.02 0.00	49.18 0.48 0.00	48.98 0.14 0.00	50.30 0.60 0.00	51.59 1.11 0.00	119.05 1.75 0.00	95.90 0.84 0.00	92.04 1.11 0.00	59.73 1.29 0.00	53.35 1.52 0.00	50.79 1.77 0.00	55.13 2.35 0.00	55.66 2.54 0.00	53.11 1.86 0.00	61.29 1.26 0.00	98.39 0.63 0.00	153.54 0.43 0.00	204.76 0.44 0.00	98.26 1.93 0.00	66.19 1.76 0.00	63.37 1.75 0.00	61.38 2.54 0.00	52.27 2.52 0.00
V_E_10_SYNC_DSASP 323830	55.70 3.94 0.00	52.08 3.56 0.00	52.34 3.64 0.00	52.54 3.70 0.00	53.63 3.92 0.00	54.98 4.49 0.00	128.35 11.06 0.00	104.53 9.47 0.00	98.78 7.84 0.00	62.76 4.32 0.00	55.16 3.33 0.00	51.82 2.80 0.00	55.33 2.55 0.00	55.53 2.40 0.00	53.43 2.17 0.00	63.59 3.56 0.00	109.93 7.28 -4.89	166.28 12.67 -0.50	221.44 17.13 0.00	104.19 7.86 0.00	69.86 5.43 0.00	66.45 4.83 0.00	63.54 4.70 0.00	53.42 3.68 0.00

V_F_30_NSYNC___DSASP 323816	54.26 2.49 0.00	50.93 2.41 0.00	51.18 2.48 0.00	51.30 2.46 0.00	52.16 2.45 0.00	53.22 2.74 0.00	123.90 6.60 0.00	100.45 5.38 0.00	95.47 4.54 0.00	60.63 2.19 0.00	53.42 1.59 0.00	50.37 1.35 0.00	54.30 1.53 0.00	54.64 1.51 0.00	53.33 2.07 0.00	63.12 3.09 0.00	103.31 5.56 0.00	161.89 8.77 0.00	215.84 11.53 0.00	101.32 4.99 0.00	67.78 3.35 0.00	64.76 3.14 0.00	61.68 2.84 0.00	52.01 2.27 0.00
V_F_30_SYNC_DSASP 323786	52.16 0.40 0.00	49.07 0.55 0.00	49.26 0.56 0.00	49.39 0.55 0.00	50.20 0.50 0.00	51.05 0.56 0.00	118.82 1.52 0.00	96.32 1.26 0.00	92.01 1.08 0.00	58.82 0.38 0.00	51.96 0.13 0.00	49.06 0.04 0.00	52.73 -0.05 0.00	53.13 0.00 0.00	51.75 0.50 0.00	60.95 0.92 0.00	99.41 1.65 0.00	155.48 2.37 0.00	207.15 2.83 0.00	98.35 2.02 0.00	65.71 1.28 0.00	62.89 1.26 0.00	59.81 0.97 0.00	50.48 0.73 0.00
V_XM_10_SYNC_DSASP 323789	53.96 2.20 0.00	49.53 1.01 0.00	49.02 0.32 0.00	48.68 -0.16 0.00	49.95 0.25 0.00	51.15 0.66 0.00	117.44 0.14 0.00	94.75 -0.31 0.00	90.99 0.06 0.00	59.35 0.92 0.00	52.97 1.15 0.00	50.39 1.37 0.00	54.67 1.89 0.00	55.16 2.03 0.00	52.61 1.36 0.00	60.56 0.53 0.00	97.46 -0.29 0.00	152.42 -0.69 0.00	203.45 -0.86 0.00	97.52 1.19 0.00	65.69 1.26 0.00	63.09 1.47 0.00	61.12 2.28 0.00	51.96 2.22 0.00
W.BABYLN_69_KV_BK1 56697	55.67 3.91 0.00	50.78 3.43 1.17	52.01 3.50 0.20	52.22 3.39 0.00	53.38 3.68 0.00	53.38 2.90 0.00	126.88 5.94 -3.64	103.72 5.43 -3.23	99.01 6.03 -2.05	66.11 6.24 -1.44	58.17 5.90 -0.43	54.99 5.55 -0.41	58.22 5.47 0.03	58.50 5.53 0.16	56.34 5.05 -0.03	67.26 4.93 -2.30	109.31 7.38 -4.18	170.26 12.03 -5.12	224.68 15.80 -4.57	109.08 7.97 -4.78	72.31 4.92 -2.97	69.14 4.70 -2.81	65.66 4.39 -2.44	53.52 3.77 -0.01
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	53.83 2.06 0.00	50.35 1.83 0.00	50.62 1.92 0.00	50.74 1.90 0.00	51.63 1.92 0.00	52.50 2.01 0.00	122.64 5.34 0.00	99.45 4.39 0.00	95.45 4.52 0.00	62.08 3.64 0.00	55.38 3.56 0.00	52.42 3.41 0.00	56.29 3.51 0.00	56.70 3.57 0.00	54.46 3.20 0.00	63.29 3.26 0.00	102.81 5.06 0.00	160.97 7.86 0.00	214.42 10.11 0.00	101.00 4.67 0.00	67.33 2.90 0.00	64.43 2.80 0.00	61.26 2.42 0.00	51.74 2.00 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	53.81 2.04 0.00	50.35 1.83 0.00	50.66 1.96 0.00	50.73 1.90 0.00	51.67 1.96 0.00	52.47 1.99 0.00	122.50 5.20 0.00	99.44 4.38 0.00	95.57 4.64 0.00	62.30 3.87 0.00	55.74 3.91 0.00	52.73 3.75 0.04	56.62 3.84 0.00	56.99 3.87 0.01	54.71 3.49 0.04	63.54 3.51 0.00	102.98 5.23 0.00	161.18 8.07 0.00	214.66 10.35 0.00	101.08 4.75 0.00	67.34 2.91 0.00	64.45 2.83 0.00	61.28 2.44 0.00	51.81 2.06 0.00
W50THST__13_KV_LOAD 356117	54.04 2.27 0.00	50.57 2.05 0.00	50.92 2.22 0.00	51.00 2.16 0.00	51.93 2.23 0.00	52.78 2.29 0.00	123.20 5.91 0.00	100.03 4.97 0.00	96.17 5.24 0.00	62.74 4.31 0.00	56.18 4.35 0.00	53.15 4.17 0.04	57.08 4.31 0.00	57.45 4.33 0.01	55.14 3.93 0.04	64.00 3.97 0.00	103.64 5.88 0.00	162.21 9.10 0.00	215.96 11.65 0.00	101.59 5.26 0.00	67.67 3.24 0.00	64.76 3.14 0.00	61.57 2.73 0.00	52.08 2.33 0.00
WADING RIVER_IC_1 23522	55.74 3.98 0.01	48.87 3.53 3.18	51.70 3.54 0.54	52.26 3.43 0.01	53.46 3.77 0.01	53.46 2.98 0.01	136.42 5.68 -13.45	112.05 5.05 -11.94	104.36 5.85 -7.58	66.60 6.48 -1.68	58.56 6.29 -0.45	54.67 5.72 0.06	58.18 5.49 0.09	57.79 5.33 0.67	55.95 4.85 0.15	73.06 4.52 -8.51	120.24 6.96 -15.52	183.89 11.84 -18.93	236.86 15.65 -16.90	121.67 7.67 -17.67	80.10 4.71 -10.96	76.54 4.54 -10.39	72.17 4.32 -9.01	53.64 3.85 -0.03
WADING RIVER_IC_2 23547	55.74 3.98 0.01	48.87 3.53 3.18	51.70 3.54 0.54	52.26 3.43 0.01	53.46 3.77 0.01	53.46 2.98 0.01	136.42 5.68 -13.45	112.05 5.05 -11.94	104.36 5.85 -7.58	66.60 6.48 -1.68	58.56 6.29 -0.45	54.67 5.72 0.06	58.18 5.49 0.09	57.79 5.33 0.67	55.95 4.85 0.15	73.06 4.52 -8.51	120.24 6.96 -15.52	183.89 11.84 -18.93	236.86 15.65 -16.90	121.67 7.67 -17.67	80.10 4.71 -10.96	76.54 4.54 -10.39	72.17 4.32 -9.01	53.64 3.85 -0.03
WADING RIVER_IC_3 23601	55.74 3.98 0.01	48.87 3.53 3.18	51.70 3.54 0.54	52.26 3.43 0.01	53.46 3.77 0.01	53.46 2.98 0.01	136.42 5.68 -13.45	112.05 5.05 -11.94	104.36 5.85 -7.58	66.60 6.48 -1.68	58.56 6.29 -0.45	54.67 5.72 0.06	58.18 5.49 0.09	57.79 5.33 0.67	55.95 4.85 0.15	73.06 4.52 -8.51	120.24 6.96 -15.52	183.89 11.84 -18.93	236.86 15.65 -16.90	121.67 7.67 -17.67	80.10 4.71 -10.96	76.54 4.54 -10.39	72.17 4.32 -9.01	53.64 3.85 -0.03
WALDENNY_12_KV_BK2 80841	51.39 -0.38 0.00	47.61 -0.91 0.00	47.72 -0.98 0.00	47.84 -1.00 0.00	48.95 -0.75 0.00	49.66 -0.82 0.00	112.18 -5.11 0.00	91.30 -3.76 0.00	87.85 -3.08 0.00	56.80 -1.63 0.00	51.01 -0.81 0.00	48.99 -0.03 0.00	53.31 0.53 0.00	53.50 0.37 0.00	50.39 -0.87 0.00	58.11 -1.92 0.00	87.89 -3.94 5.92	147.62 -4.88 0.61	199.64 -4.67 0.00	92.77 -3.57 0.00	62.40 -2.03 0.00	59.42 -2.21 0.00	58.37 -0.47 0.00	49.95 0.20 0.00
WALDEN___HYDRO 24148	53.77 2.01 0.00	50.34 1.83 0.00	50.59 1.89 0.00	50.73 1.89 0.00	51.62 1.92 0.00	52.46 1.97 0.00	122.46 5.16 0.00	99.33 4.27 0.00	95.28 4.35 0.00	61.76 3.33 0.00	55.00 3.18 0.00	51.97 2.95 0.00	55.74 2.97 0.00	56.10 2.98 0.00	54.00 2.74 0.00	62.98 2.95 0.00	102.48 4.72 0.00	160.50 7.39 0.00	213.86 9.54 0.00	100.83 4.50 0.00	67.26 2.83 0.00	64.36 2.74 0.00	61.21 2.37 0.00	51.70 1.96 0.00
WARRENSBURG____ 23737	55.18 3.42 0.00	51.77 3.25 0.00	52.06 3.36 0.00	52.17 3.33 0.00	53.03 3.32 0.00	54.29 3.81 0.00	126.43 9.13 0.00	102.53 7.47 0.00	97.14 6.21 0.00	61.43 3.00 0.00	54.16 2.34 0.00	51.03 2.00 0.00	54.97 2.19 0.00	55.28 2.15 0.00	54.14 2.88 0.00	64.17 4.13 0.00	105.20 7.44 0.00	165.19 12.08 0.00	220.08 15.77 0.00	103.06 6.73 0.00	69.05 4.62 0.00	65.83 4.21 0.00	62.75 3.92 0.00	52.86 3.11 0.00
WATERSIDE___6 8 9 23538	53.82 2.05 0.00	50.38 1.87 0.00	50.79 2.08 0.00	50.83 1.99 0.00	51.75 2.05 0.00	52.47 1.98 0.00	122.40 5.11 0.00	99.39 4.32 0.00	95.61 4.68 0.00	62.31 3.87 0.00	55.81 3.99 0.00	53.83 3.88 -0.94	56.71 3.92 0.00	57.31 3.96 -0.22	55.84 3.59 -1.00	63.54 3.50 0.00	102.92 5.17 0.00	161.07 7.96 0.00	214.41 10.10 0.00	100.99 4.66 0.00	67.28 2.85 0.00	64.45 2.82 0.00	61.29 2.46 0.00	51.84 2.10 0.00
WATKINRD_115KV_LN8_ILLION 55919	53.52 1.76 0.00	50.21 1.69 0.00	50.41 1.70 0.00	50.53 1.70 0.00	51.44 1.73 0.00	52.37 1.88 0.00	121.81 4.51 0.00	98.45 3.39 0.00	93.31 2.38 0.00	59.59 1.15 0.00	52.59 0.77 0.00	49.59 0.57 0.00	53.35 0.57 0.00	53.68 0.55 0.00	51.98 0.72 0.00	61.54 1.51 0.00	101.22 3.46 0.00	159.00 5.88 0.00	212.20 7.89 0.00	100.02 3.69 0.00	66.86 2.43 0.00	64.04 2.42 0.00	61.06 2.23 0.00	51.50 1.76 0.00

WDELAWARE___HYD 323627	53.91 2.15 0.00	50.49 1.98 0.00	50.73 2.03 0.00	50.86 2.03 0.00	51.76 2.06 0.00	52.63 2.14 0.00	122.89 5.59 0.00	99.74 4.68 0.00	95.64 4.71 0.00	61.83 3.39 0.00	54.79 2.97 0.00	51.64 2.62 0.00	55.16 2.38 0.00	54.28 1.15 0.00	52.36 1.10 0.00	61.32 1.30 0.00	100.08 2.33 0.00	157.02 3.91 0.00	209.17 4.85 0.00	98.68 2.34 0.00	66.04 1.61 0.00	64.58 2.96 0.00	61.44 2.60 0.00	51.85 2.11 0.00
WEST BABYLON___IC 23714	55.67 3.91 0.00	50.78 3.43 1.17	52.01 3.50 0.20	52.22 3.39 0.00	53.38 3.68 0.00	53.38 2.90 0.00	126.88 5.94 -3.64	103.72 5.43 -3.23	99.01 6.03 -2.05	66.11 6.24 -1.44	58.17 5.90 -0.43	54.99 5.55 -0.41	58.22 5.47 0.03	58.50 5.53 0.16	56.34 5.05 -0.03	67.26 4.93 -2.30	109.31 7.38 -4.18	170.26 12.03 -5.12	224.68 15.80 -4.57	109.08 7.97 -4.78	72.31 4.92 -2.97	69.14 4.70 -2.81	65.66 4.39 -2.44	53.52 3.77 -0.01
WEST CANADA___HYD 24049	51.98 0.22 0.00	48.72 0.21 0.00	48.90 0.20 0.00	49.03 0.20 0.00	49.90 0.20 0.00	50.73 0.24 0.00	117.87 0.57 0.00	95.44 0.38 0.00	91.22 0.29 0.00	58.61 0.17 0.00	51.98 0.15 0.00	49.11 0.09 0.00	52.87 0.09 0.00	53.23 0.11 0.00	51.41 0.15 0.00	60.27 0.24 0.00	98.23 0.48 0.00	153.73 0.62 0.00	205.13 0.82 0.00	96.72 0.39 0.00	64.70 0.27 0.00	61.90 0.28 0.00	59.08 0.24 0.00	49.98 0.24 0.00
WESTERN_NY_WIND 24143	52.23 0.46 0.00	48.39 -0.13 0.00	48.46 -0.24 0.00	48.60 -0.24 0.00	49.81 0.11 0.00	50.52 0.04 0.00	115.07 -2.23 0.00	93.68 -1.38 0.00	89.82 -1.11 0.00	57.44 -1.00 0.00	51.24 -0.58 0.00	49.11 0.09 0.00	53.68 0.91 0.00	53.77 0.65 0.00	50.85 -0.41 0.00	58.94 -1.09 0.00	91.54 -1.82 4.39	151.36 -1.31 0.45	204.50 0.19 0.00	95.05 -1.28 0.00	63.83 -0.61 0.00	60.71 -0.91 0.00	59.37 0.53 0.00	50.64 0.89 0.00
WESTOVER___LESR 323668	52.46 0.69 0.00	49.11 0.60 0.00	49.34 0.64 0.00	49.50 0.66 0.00	50.39 0.68 0.00	51.25 0.76 0.00	118.74 1.44 0.00	96.24 1.18 0.00	91.95 1.03 0.00	58.91 0.48 0.00	52.35 0.52 0.00	49.61 0.59 0.00	53.50 0.72 0.00	53.82 0.69 0.00	51.65 0.39 0.00	60.32 0.29 0.00	99.17 0.47 -0.96	154.31 1.10 -0.10	205.90 1.58 0.00	97.00 0.67 0.00	65.13 0.70 0.00	61.98 0.36 0.00	59.37 0.54 0.00	50.22 0.48 0.00
WETHRSFD_WT_PWR 323626	51.13 -0.64 0.00	47.42 -1.10 0.00	47.64 -1.07 0.00	47.71 -1.13 0.00	48.76 -0.94 0.00	49.69 -0.79 0.00	112.44 -4.86 0.00	91.22 -3.84 0.00	87.14 -3.79 0.00	56.14 -2.29 0.00	50.50 -1.32 0.00	48.38 -0.64 0.00	52.61 -0.17 0.00	52.82 -0.31 0.00	49.68 -1.57 0.00	57.50 -2.53 0.00	85.08 -4.37 8.31	146.71 -5.55 0.85	198.27 -6.04 0.00	92.53 -3.80 0.00	62.24 -2.19 0.00	59.27 -2.35 0.00	58.06 -0.77 0.00	49.53 -0.21 0.00
WHAVSTOR_138KV_BK127 55557	53.52 1.76 0.00	50.07 1.56 0.00	50.35 1.65 0.00	50.46 1.62 0.00	51.36 1.65 0.00	52.21 1.72 0.00	121.90 4.61 0.00	98.83 3.77 0.00	94.81 3.88 0.00	61.67 3.23 0.00	55.01 3.19 0.00	52.08 3.06 0.00	55.91 3.13 0.00	56.31 3.18 0.00	54.09 2.84 0.00	62.86 2.84 0.00	102.11 4.35 0.00	159.79 6.68 0.00	212.81 8.50 0.00	100.29 3.96 0.00	66.87 2.44 0.00	64.00 2.38 0.00	60.87 2.04 0.00	51.44 1.69 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	53.52 1.76 0.00	50.07 1.56 0.00	50.35 1.65 0.00	50.46 1.62 0.00	51.36 1.65 0.00	52.21 1.72 0.00	121.90 4.61 0.00	98.83 3.77 0.00	94.81 3.88 0.00	61.67 3.23 0.00	55.01 3.19 0.00	52.08 3.06 0.00	55.91 3.13 0.00	56.31 3.18 0.00	54.09 2.84 0.00	62.86 2.84 0.00	102.11 4.35 0.00	159.79 6.68 0.00	212.81 8.50 0.00	100.29 3.96 0.00	66.87 2.44 0.00	64.00 2.38 0.00	60.87 2.04 0.00	51.44 1.69 0.00
WHITEHAL_115KV_TB1 80871	56.60 4.84 0.00	53.07 4.56 0.00	53.43 4.73 0.00	53.41 4.58 0.00	54.11 4.41 0.00	55.99 5.51 0.00	129.77 12.47 0.00	105.18 10.12 0.00	98.87 7.94 0.00	61.79 3.36 0.00	54.64 2.82 0.00	51.45 2.43 0.00	55.42 2.64 0.00	56.11 2.98 0.00	55.76 4.51 0.00	66.23 6.20 0.00	109.07 11.32 0.00	171.43 18.32 0.00	227.43 23.12 0.00	105.15 8.82 0.00	70.37 5.94 0.00	67.03 5.40 0.00	64.18 5.35 0.00	53.93 4.18 0.00
WHITEPLN_13_KV_LOAD 356215	54.12 2.35 0.00	50.64 2.13 0.00	50.91 2.21 0.00	51.02 2.18 0.00	51.93 2.23 0.00	52.80 2.31 0.00	123.27 5.98 0.00	100.08 5.03 0.00	96.10 5.17 0.00	62.54 4.11 0.00	55.86 4.03 0.00	52.86 3.84 0.00	56.71 3.92 0.00	57.10 3.97 0.00	54.88 3.62 0.00	63.80 3.77 0.00	103.61 5.86 0.00	162.34 9.22 0.00	216.28 11.96 0.00	101.86 5.53 0.00	67.86 3.43 0.00	64.91 3.29 0.00	61.71 2.87 0.00	52.11 2.37 0.00
WM_FLOYD_69_KV_BK2 356380	55.62 3.86 0.01	48.79 3.41 3.14	51.60 3.43 0.53	52.15 3.32 0.01	53.33 3.64 0.01	53.30 2.82 0.01	135.41 5.30 -12.81	111.14 4.71 -11.37	103.68 5.53 -7.22	66.32 6.25 -1.63	58.32 6.04 -0.45	54.50 5.53 0.05	57.98 5.28 0.09	57.72 5.25 0.66	55.83 4.73 0.15	72.51 4.38 -8.10	119.20 6.67 -14.77	182.45 11.31 -18.03	235.31 14.91 -16.09	120.44 7.28 -16.83	79.35 4.48 -10.43	75.83 4.32 -9.89	71.57 4.15 -8.58	53.49 3.71 -0.03
WOODARD__115KV_TB2 355635	50.99 -0.78 0.00	47.74 -0.77 0.00	47.93 -0.77 0.00	48.07 -0.77 0.00	48.96 -0.75 0.00	49.75 -0.73 0.00	115.48 -1.82 0.00	93.68 -1.38 0.00	89.61 -1.32 0.00	57.50 -0.93 0.00	50.99 -0.84 0.00	48.26 -0.76 0.00	52.02 -0.76 0.00	52.31 -0.82 0.00	50.40 -0.86 0.00	59.02 -1.01 0.00	96.21 -1.55 0.00	150.99 -2.12 0.00	201.66 -2.65 0.00	94.87 -1.46 0.00	63.46 -0.97 0.00	60.62 -1.01 0.00	57.94 -0.90 0.00	48.98 -0.77 0.00
WOODMERE_69_KV_BK1 55827	55.35 3.51 -0.07	78.49 3.18 -26.79	56.47 3.23 -4.54	51.97 3.09 -0.05	53.11 3.32 -0.08	53.23 2.71 -0.03	123.05 5.75 0.00	100.22 5.16 0.00	96.74 5.80 0.00	76.11 5.65 -12.03	62.38 5.40 -5.15	61.61 5.14 -7.45	58.64 5.13 -0.73	65.39 5.25 -7.01	58.53 4.66 -2.62	64.56 4.48 -0.05	106.68 6.81 -2.12	164.15 11.04 0.00	218.71 14.39 0.00	103.19 6.86 0.00	68.70 4.27 0.00	65.69 4.07 0.00	62.69 3.83 -0.02	53.17 3.41 -0.02
YORK___WARBASSE 23770	54.11 2.35 0.00	50.62 2.10 0.00	50.94 2.24 0.00	50.97 2.14 0.00	51.89 2.19 0.00	52.62 2.13 0.00	122.78 5.49 0.00	99.68 4.61 0.00	95.92 4.99 0.00	62.49 4.05 0.00	55.95 4.12 0.00	54.05 4.09 -0.94	56.79 4.02 0.00	57.46 4.11 -0.22	55.99 3.72 -1.01	63.62 3.59 0.00	103.06 5.31 0.00	161.29 8.18 0.00	214.82 10.50 0.00	101.16 4.83 0.00	67.41 2.98 0.00	64.59 2.96 0.00	61.46 2.62 0.00	52.02 2.28 0.00