

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$		--- Marginal Cost of Losses										--- Marginal Cost of Congestion													
Generator Data		11/13/2024																							
Name		00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID		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		26.82	26.67	25.65	26.82	26.34	26.62	122.35	57.58	34.16	27.42	29.60	32.01	33.47	30.23	31.45	45.47	48.46	54.11	61.90	41.75	36.41	36.84	32.43	29.22
24138		1.34	1.20	1.20	1.24	1.17	1.18	5.89	2.84	1.44	1.16	1.31	1.21	1.45	1.19	1.59	2.54	2.74	3.29	3.39	2.25	2.06	2.12	1.94	1.74
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-8.93	-8.41	-7.92	-11.35	-10.49	-10.16	-4.98	-0.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1		26.80	26.67	25.65	26.83	26.33	26.62	122.33	57.56	42.46	35.23	36.94	42.55	43.20	39.66	36.03	45.41	48.38	54.06	61.85	41.74	36.39	36.83	32.43	29.22
24260		1.33	1.20	1.21	1.24	1.16	1.18	5.87	2.82	1.42	1.13	1.27	1.17	1.40	1.16	1.53	2.45	2.66	3.23	3.34	2.25	2.05	2.11	1.95	1.74
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-17.26	-16.24	-15.30	-21.92	-20.27	-19.63	-9.62	-0.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2		26.80	26.67	25.65	26.83	26.33	26.62	122.33	57.56	42.46	35.23	36.94	42.55	43.20	39.66	36.03	45.41	48.38	54.06	61.85	41.74	36.39	36.83	32.43	29.22
24261		1.33	1.20	1.21	1.24	1.16	1.18	5.87	2.82	1.42	1.13	1.27	1.17	1.40	1.16	1.53	2.45	2.66	3.23	3.34	2.25	2.05	2.11	1.95	1.74
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-17.26	-16.24	-15.30	-21.92	-20.27	-19.63	-9.62	-0.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS		26.53	26.60	25.58	26.80	26.39	26.70	122.72	57.91	24.90	18.46	21.04	19.98	22.16	19.55	25.90	44.25	47.87	53.80	61.96	41.88	36.24	36.60	32.33	29.08
24011		1.05	1.13	1.13	1.21	1.22	1.25	6.26	3.17	1.12	0.60	0.67	0.53	0.63	0.68	1.02	1.87	2.14	2.98	3.46	2.38	1.89	1.88	1.84	1.60
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY		26.60	26.71	25.70	26.92	26.53	26.84	123.56	58.36	25.03	18.52	21.08	20.01	22.20	19.64	25.99	44.33	47.99	54.04	62.34	42.15	36.37	36.72	32.52	29.26
23798		1.12	1.25	1.26	1.33	1.36	1.39	7.10	3.61	1.25	0.66	0.71	0.56	0.67	0.77	1.11	1.95	2.26	3.21	3.84	2.65	2.02	2.00	2.03	1.78
		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		26.53	26.60	25.58	26.80	26.39	26.70	122.72	57.91	24.90	18.46	21.04	19.98	22.16	19.55	25.90	44.25	47.87	53.80	61.96	41.88	36.24	36.60	32.33	29.08
24028		1.05	1.13	1.13	1.21	1.22	1.25	6.26	3.17	1.12	0.60	0.67	0.53	0.63	0.68	1.02	1.87	2.14	2.98	3.46	2.38	1.89	1.88	1.84	1.60
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM		26.38	26.46	25.41	26.67	26.19	26.39	120.31	56.91	24.67	18.32	21.08	20.05	22.24	19.67	26.10	44.49	47.52	53.38	61.45	41.57	36.26	36.65	32.16	28.98
23527		0.90	1.00	0.96	1.09	1.03	0.94	3.86	2.17	0.89	0.46	0.71	0.60	0.72	0.80	1.22	2.11	1.80	2.56	2.94	2.08	1.92	1.93	1.68	1.50
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP		25.46	25.47	24.47	25.65	25.18	25.38	116.31	54.87	23.83	17.83	20.48	19.51	21.64	19.00	25.02	42.64	45.87	51.36	59.00	39.86	34.67	35.07	30.82	27.76
24190		-0.02	0.00	0.03	0.07	0.01	-0.06	-0.15	0.12	0.05	-0.03	0.11	0.06	0.11	0.13	0.14	0.26	0.15	0.53	0.50	0.37	0.33	0.35	0.34	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		25.73	25.76	24.68	25.81	25.42	25.70	117.10	55.21	23.92	18.02	20.52	19.61	21.71	19.07	25.18	42.76	46.14	50.99	58.85	39.69	34.54	34.85	30.61	27.65
355683		0.25	0.29	0.24	0.23	0.25	0.26	0.65	0.47	0.14	0.16	0.15	0.16	0.18	0.20	0.30	0.38	0.42	0.17	0.35	0.20	0.19	0.13	0.13	0.17
		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		26.01	26.02	25.02	26.23	25.78	26.02	119.26	56.05	24.12	17.97	20.59	19.63	21.73	19.08	25.20	43.33	46.79	52.40	60.23	40.70	35.38	35.77	31.41	28.30
323833		0.53	0.56	0.57	0.65	0.61	0.58	2.80	1.30	0.34	0.11	0.21	0.17	0.21	0.21	0.32	0.95	1.07	1.58	1.73	1.20	1.03	1.05	0.93	0.82
		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		26.00	26.02	25.02	26.22	25.77	26.01	119.19	56.05	24.12	17.97	20.58	19.62	21.73	19.08	25.20	43.33	46.78	52.37	60.21	40.68	35.37	35.76	31.40	28.29
323834		0.52	0.56	0.57	0.64	0.60	0.57	2.73	1.30	0.33	0.11	0.21	0.17	0.21	0.21	0.32	0.95	1.05	1.55	1.71	1.18	1.03	1.04	0.92	0.81
		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		25.46	25.47	24.47	25.65	25.18	25.38	116.31	54.87	23.83	17.83	20.48	19.51	21.64	19.00	25.02	42.64	45.87	51.36	59.00	39.86	34.67	35.07	30.82	27.76
23571		-0.02	0.00	0.03	0.07	0.01	-0.06	-0.15	0.12	0.05	-0.03	0.11	0.06	0.11	0.13	0.14	0.26	0.15	0.53	0.50	0.37	0.33	0.35	0.34	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	25.46 -0.02 0.00	25.47 0.00 0.00	24.47 0.03 0.00	25.65 0.07 0.00	25.18 0.01 0.00	25.38 -0.06 0.00	116.31 -0.15 0.00	54.87 0.12 0.00	23.83 0.05 0.00	17.83 -0.03 0.00	20.48 0.11 0.00	19.51 0.06 0.00	21.64 0.11 0.00	19.00 0.13 0.00	25.02 0.14 0.00	42.64 0.26 0.00	45.87 0.15 0.00	51.36 0.53 0.00	59.00 0.50 0.00	39.86 0.37 0.00	34.67 0.33 0.00	35.07 0.35 0.00	30.82 0.34 0.00	27.76 0.28 0.00
ALBANY___3 23573	25.46 -0.02 0.00	25.47 0.00 0.00	24.47 0.03 0.00	25.65 0.07 0.00	25.18 0.01 0.00	25.38 -0.06 0.00	116.31 -0.15 0.00	54.87 0.12 0.00	23.83 0.05 0.00	17.83 -0.03 0.00	20.48 0.11 0.00	19.51 0.06 0.00	21.64 0.11 0.00	19.00 0.13 0.00	25.02 0.14 0.00	42.64 0.26 0.00	45.87 0.15 0.00	51.36 0.53 0.00	59.00 0.50 0.00	39.86 0.37 0.00	34.67 0.33 0.00	35.07 0.35 0.00	30.82 0.34 0.00	27.76 0.28 0.00
ALBANY___4 23574	25.46 -0.02 0.00	25.47 0.00 0.00	24.47 0.03 0.00	25.65 0.07 0.00	25.18 0.01 0.00	25.38 -0.06 0.00	116.31 -0.15 0.00	54.87 0.12 0.00	23.83 0.05 0.00	17.83 -0.03 0.00	20.48 0.11 0.00	19.51 0.06 0.00	21.64 0.11 0.00	19.00 0.13 0.00	25.02 0.14 0.00	42.64 0.26 0.00	45.87 0.15 0.00	51.36 0.53 0.00	59.00 0.50 0.00	39.86 0.37 0.00	34.67 0.33 0.00	35.07 0.35 0.00	30.82 0.34 0.00	27.76 0.28 0.00
ALBANY___LFGE 323615	25.72 0.25 0.00	25.74 0.27 0.00	24.72 0.28 0.00	25.92 0.33 0.00	25.45 0.28 0.00	25.67 0.23 0.00	117.63 1.17 0.00	55.52 0.78 0.00	24.10 0.32 0.00	18.02 0.17 0.00	20.69 0.32 0.00	19.71 0.26 0.00	21.86 0.33 0.00	19.20 0.33 0.00	25.31 0.43 0.00	43.18 0.80 0.00	46.49 0.76 0.00	52.06 1.23 0.00	59.76 1.26 0.00	40.36 0.87 0.00	35.10 0.75 0.00	35.48 0.76 0.00	31.18 0.70 0.00	28.07 0.59 0.00
ALCOA_PA_115KV_PL-6C 55860	25.81 0.33 0.00	25.83 0.36 0.00	24.76 0.31 0.00	25.88 0.30 0.00	25.49 0.33 0.00	25.78 0.33 0.00	117.45 1.00 0.00	55.37 0.63 0.00	23.99 0.21 0.00	18.07 0.21 0.00	20.57 0.20 0.00	19.67 0.22 0.00	21.76 0.24 0.00	19.12 0.25 0.00	25.24 0.36 0.00	42.88 0.50 0.00	46.27 0.55 0.00	51.14 0.31 0.00	59.01 0.50 0.00	39.80 0.31 0.00	34.62 0.27 0.00	34.94 0.22 0.00	30.69 0.20 0.00	27.72 0.24 0.00
ALCOA_RYNLDS___DRP 24188	25.81 0.33 0.00	25.83 0.36 0.00	24.76 0.31 0.00	25.88 0.30 0.00	25.49 0.33 0.00	25.78 0.33 0.00	117.45 1.00 0.00	55.37 0.63 0.00	23.99 0.21 0.00	18.07 0.21 0.00	20.57 0.20 0.00	19.67 0.22 0.00	21.76 0.24 0.00	19.12 0.25 0.00	25.24 0.36 0.00	42.88 0.50 0.00	46.27 0.55 0.00	51.14 0.31 0.00	59.01 0.50 0.00	39.80 0.31 0.00	34.62 0.27 0.00	34.94 0.22 0.00	30.69 0.20 0.00	27.72 0.24 0.00
ALCOA___DSASP 323711	25.81 0.33 0.00	25.83 0.36 0.00	24.76 0.31 0.00	25.88 0.30 0.00	25.49 0.33 0.00	25.78 0.33 0.00	117.45 0.99 0.00	55.37 0.63 0.00	23.99 0.21 0.00	18.07 0.21 0.00	20.57 0.20 0.00	19.67 0.22 0.00	21.76 0.24 0.00	19.12 0.25 0.00	25.24 0.36 0.00	42.88 0.50 0.00	46.27 0.55 0.00	51.14 0.32 0.00	59.01 0.50 0.00	39.80 0.31 0.00	34.62 0.27 0.00	34.94 0.22 0.00	30.69 0.21 0.00	27.72 0.24 0.00
ALLEGHENY___COGEN 23514	26.45 0.97 0.00	26.49 1.03 0.00	25.38 0.94 0.00	26.40 0.81 0.00	26.04 0.87 0.00	26.50 1.06 0.00	121.73 5.27 0.00	56.80 2.06 0.00	24.40 0.62 0.00	17.92 0.06 0.00	20.41 0.04 0.00	19.63 0.18 0.00	21.56 0.03 0.00	18.51 -0.36 0.00	23.77 -1.11 0.00	40.23 -2.15 0.00	44.77 -0.95 0.00	49.70 -1.13 0.00	56.55 -1.96 0.00	38.04 -1.45 0.00	32.85 -1.49 0.00	33.78 -0.94 0.00	29.74 -0.75 0.00	26.81 -0.67 0.00
ALTAMONT_115KV_TB 2 55880	25.82 0.34 0.00	25.81 0.35 0.00	24.80 0.35 0.00	26.00 0.41 0.00	25.53 0.36 0.00	25.77 0.32 0.00	118.08 1.62 0.00	55.60 0.86 0.00	24.14 0.36 0.00	18.06 0.21 0.00	20.66 0.29 0.00	19.69 0.24 0.00	21.83 0.30 0.00	19.16 0.29 0.00	25.28 0.40 0.00	43.10 0.73 0.00	46.44 0.72 0.00	51.93 1.11 0.00	59.67 1.17 0.00	40.32 0.82 0.00	35.07 0.72 0.00	35.47 0.75 0.00	31.16 0.67 0.00	28.07 0.59 0.00
ALTONA_WT_PWR 323606	26.07 0.59 0.00	26.19 0.73 0.00	25.15 0.70 0.00	26.24 0.66 0.00	25.89 0.72 0.00	26.14 0.70 0.00	118.02 1.56 0.00	56.03 1.29 0.00	24.15 0.37 0.00	18.33 0.47 0.00	20.83 0.46 0.00	19.96 0.52 0.00	22.10 0.57 0.00	19.37 0.50 0.00	25.61 0.73 0.00	43.38 1.01 0.00	46.67 0.95 0.00	51.70 0.88 0.00	59.29 0.79 0.00	39.88 0.38 0.00	34.83 0.48 0.00	35.06 0.33 0.00	30.71 0.22 0.00	27.85 0.37 0.00
AMERICAN_REF_FUEL 24010	24.56 -0.92 0.00	24.77 -0.69 0.00	23.66 -0.79 0.00	24.47 -1.11 0.00	24.26 -0.90 0.00	24.74 -0.71 0.00	111.82 -4.63 0.00	51.42 -3.32 0.00	22.69 -1.10 0.00	17.12 -0.74 0.00	19.56 -0.82 0.00	18.83 -0.62 0.00	20.63 -0.90 0.00	17.70 -1.17 0.00	23.07 -1.81 0.00	38.63 -3.75 0.00	41.51 -4.22 0.00	45.50 -5.33 0.00	51.75 -6.76 0.00	35.03 -4.46 0.00	30.44 -3.91 0.00	30.72 -4.00 0.00	27.10 -3.38 0.00	24.63 -2.84 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	25.59 0.12 0.00	25.78 0.32 0.00	24.65 0.21 0.00	25.62 0.03 0.00	25.38 0.21 0.00	26.07 0.62 0.00	118.90 2.45 0.00	55.29 0.55 0.00	24.07 0.29 0.00	18.18 0.32 0.00	20.89 0.51 0.00	20.11 0.66 0.00	21.95 0.42 0.00	18.79 -0.08 0.00	24.42 -0.46 0.00	40.88 -1.50 0.00	43.70 -2.03 0.00	47.73 -3.10 0.00	53.42 -5.08 0.00	35.91 -3.58 0.00	31.15 -3.20 0.00	31.35 -3.37 0.00	23.98 -2.99 3.52	14.02 -2.46 11.00
ARTHUR KILL_GT_1 23520	26.80 1.32 0.00	26.73 1.27 0.00	25.70 1.26 0.00	26.90 1.32 0.00	26.39 1.23 0.00	26.69 1.25 0.00	122.27 5.81 0.00	57.23 2.49 0.00	42.25 1.21 -17.26	34.95 0.85 -16.24	36.53 0.86 -15.30	42.22 0.84 -21.92	42.84 1.05 -20.27	39.40 0.89 -19.63	35.74 1.24 -9.62	45.07 2.10 -0.59	47.96 2.23 0.00	53.73 2.90 0.00	61.42 2.92 0.00	41.56 2.06 0.00	36.37 2.02 0.00	36.90 2.18 0.00	32.49 2.01 0.00	29.27 1.79 0.00
ARTHUR_KILL_2 23512	26.73 1.25 0.00	26.67 1.20 0.00	25.64 1.19 0.00	26.83 1.25 0.00	26.32 1.16 0.00	26.62 1.17 0.00	121.92 5.46 0.00	57.05 2.31 0.00	42.18 1.13 -17.26	34.90 0.80 -16.24	36.48 0.81 -15.30	42.17 0.79 -21.92	42.78 0.99 -20.27	39.35 0.84 -19.63	35.68 1.18 -9.62	44.94 1.98 -0.59	47.81 2.09 0.00	53.56 2.73 0.00	61.23 2.73 0.00	41.43 1.94 0.00	36.26 1.91 0.00	36.80 2.08 0.00	32.40 1.92 0.00	29.19 1.72 0.00
ARTHUR_KILL_3 23513	26.62 1.15 0.00	26.48 1.01 0.00	25.47 1.02 0.00	26.64 1.06 0.00	26.15 0.98 0.00	26.43 0.98 0.00	121.39 4.93 0.00	57.03 2.28 0.00	39.63 1.18 -14.67	32.61 0.95 -13.80	34.43 1.06 -13.00	39.06 0.98 -18.63	39.94 1.19 -17.22	36.51 0.96 -16.69	34.34 1.28 -8.17	44.96 2.01 -0.58	47.92 2.20 0.00	53.55 2.72 0.00	61.27 2.77 0.00	41.35 1.85 0.00	36.06 1.72 0.00	36.53 1.81 0.00	32.17 1.68 0.00	29.00 1.52 0.00



ARTHUR_KILL_COGEN 323718	26.80 1.32 0.00	26.73 1.27 0.00	25.70 1.26 0.00	26.90 1.32 0.00	26.39 1.23 0.00	26.69 1.25 0.00	122.27 5.81 0.00	57.23 2.49 0.00	42.25 1.21 -17.26	34.95 0.85 -16.24	36.53 0.86 -15.30	42.22 0.84 -21.92	42.84 1.05 -20.27	39.40 0.89 -19.63	35.74 1.24 -9.62	45.07 2.10 -0.59	47.96 2.23 0.00	53.73 2.90 0.00	61.42 2.92 0.00	41.56 2.06 0.00	36.37 2.02 0.00	36.90 2.18 0.00	32.49 2.01 0.00	29.27 1.79 0.00
ASHOKAN____ 23654	26.23 0.75 0.00	26.23 0.76 0.00	25.20 0.76 0.00	26.43 0.84 0.00	25.99 0.83 0.00	26.30 0.85 0.00	120.81 4.35 0.00	57.11 2.36 0.00	24.60 0.82 0.00	18.25 0.39 0.00	20.79 0.42 0.00	19.77 0.32 0.00	21.87 0.35 0.00	19.22 0.35 0.00	25.41 0.53 0.00	43.71 1.33 0.00	47.49 1.77 0.00	53.37 2.54 0.00	61.38 2.87 0.00	41.45 1.96 0.00	36.02 1.67 0.00	36.34 1.62 0.00	31.85 1.36 0.00	28.61 1.13 0.00
ASTORIA_EAST_ENERGY_CC1 323581	26.57 1.09 0.00	26.40 0.94 0.00	25.39 0.94 0.00	26.57 0.99 0.00	26.08 0.91 0.00	26.37 0.93 0.00	120.98 4.52 0.00	56.98 2.24 0.00	39.95 0.93 -15.23	33.55 0.71 -14.98	34.17 0.79 -13.00	38.74 0.66 -18.63	39.60 0.86 -17.22	36.76 0.70 -17.19	33.97 0.90 -8.19	44.65 1.69 -0.58	47.67 1.95 0.00	53.28 2.45 0.00	60.95 2.44 0.00	41.15 1.65 0.00	35.93 1.59 0.00	36.37 1.65 0.00	32.09 1.60 0.00	28.89 1.42 0.00
ASTORIA_EAST_ENERGY_CC2 323582	26.56 1.08 0.00	26.40 0.93 0.00	25.38 0.94 0.00	26.56 0.98 0.00	26.07 0.90 0.00	26.36 0.91 0.00	120.96 4.51 0.00	56.95 2.21 0.00	39.94 0.92 -15.23	33.54 0.70 -14.98	34.16 0.78 -13.00	38.73 0.65 -18.63	39.59 0.85 -17.22	36.75 0.69 -17.19	33.97 0.90 -8.19	44.64 1.68 -0.58	47.67 1.95 0.00	53.28 2.45 0.00	60.95 2.44 0.00	41.15 1.65 0.00	35.93 1.59 0.00	36.37 1.65 0.00	32.09 1.60 0.00	28.90 1.42 0.00
ASTORIA_GT2_1 24094	26.57 1.09 0.00	26.40 0.94 0.00	25.39 0.94 0.00	26.57 0.99 0.00	26.08 0.91 0.00	26.37 0.93 0.00	120.95 4.49 0.00	56.98 2.24 0.00	40.02 1.00 -15.24	33.65 0.81 -14.98	34.31 0.94 -13.00	38.91 0.83 -18.63	39.77 1.02 -17.22	36.87 0.80 -17.19	34.14 1.07 -8.19	44.71 1.75 -0.59	47.69 1.97 0.00	53.33 2.50 0.00	61.04 2.53 0.00	41.17 1.68 0.00	35.94 1.60 0.00	36.39 1.67 0.00	32.10 1.62 0.00	28.90 1.43 0.00
ASTORIA_GT2_2 24095	26.57 1.09 0.00	26.40 0.94 0.00	25.39 0.94 0.00	26.57 0.99 0.00	26.08 0.91 0.00	26.37 0.93 0.00	120.95 4.49 0.00	56.98 2.24 0.00	40.02 1.00 -15.24	33.65 0.81 -14.98	34.31 0.94 -13.00	38.91 0.83 -18.63	39.77 1.02 -17.22	36.87 0.80 -17.19	34.14 1.07 -8.19	44.71 1.75 -0.59	47.69 1.97 0.00	53.33 2.50 0.00	61.04 2.53 0.00	41.17 1.68 0.00	35.94 1.60 0.00	36.39 1.67 0.00	32.10 1.62 0.00	28.90 1.43 0.00
ASTORIA_GT2_3 24096	26.57 1.09 0.00	26.40 0.94 0.00	25.39 0.94 0.00	26.57 0.99 0.00	26.08 0.91 0.00	26.37 0.93 0.00	120.95 4.49 0.00	56.98 2.24 0.00	40.02 1.00 -15.24	33.65 0.81 -14.98	34.31 0.94 -13.00	38.91 0.83 -18.63	39.77 1.02 -17.22	36.87 0.80 -17.19	34.14 1.07 -8.19	44.71 1.75 -0.59	47.69 1.97 0.00	53.33 2.50 0.00	61.04 2.53 0.00	41.17 1.68 0.00	35.94 1.60 0.00	36.39 1.67 0.00	32.10 1.62 0.00	28.90 1.43 0.00
ASTORIA_GT2_4 24097	26.57 1.09 0.00	26.40 0.94 0.00	25.39 0.94 0.00	26.57 0.99 0.00	26.08 0.91 0.00	26.37 0.93 0.00	120.95 4.49 0.00	56.98 2.24 0.00	40.02 1.00 -15.24	33.65 0.81 -14.98	34.31 0.94 -13.00	38.91 0.83 -18.63	39.77 1.02 -17.22	36.87 0.80 -17.19	34.14 1.07 -8.19	44.71 1.75 -0.59	47.69 1.97 0.00	53.33 2.50 0.00	61.04 2.53 0.00	41.17 1.68 0.00	35.94 1.60 0.00	36.39 1.67 0.00	32.10 1.62 0.00	28.90 1.43 0.00
ASTORIA_GT3_1 24098	26.57 1.09 0.00	26.40 0.94 0.00	25.39 0.94 0.00	26.57 0.99 0.00	26.08 0.91 0.00	26.37 0.93 0.00	120.95 4.49 0.00	56.98 2.24 0.00	40.02 1.00 -15.24	33.65 0.81 -14.98	34.31 0.94 -13.00	38.91 0.83 -18.63	39.77 1.02 -17.22	36.87 0.80 -17.19	34.14 1.07 -8.19	44.71 1.75 -0.59	47.69 1.97 0.00	53.33 2.50 0.00	61.04 2.53 0.00	41.17 1.68 0.00	35.94 1.60 0.00	36.39 1.67 0.00	32.10 1.62 0.00	28.90 1.43 0.00
ASTORIA_GT3_2 24099	26.57 1.09 0.00	26.40 0.94 0.00	25.39 0.94 0.00	26.57 0.99 0.00	26.08 0.91 0.00	26.37 0.93 0.00	120.95 4.49 0.00	56.98 2.24 0.00	40.02 1.00 -15.24	33.65 0.81 -14.98	34.31 0.94 -13.00	38.91 0.83 -18.63	39.77 1.02 -17.22	36.87 0.80 -17.19	34.14 1.07 -8.19	44.71 1.75 -0.59	47.69 1.97 0.00	53.33 2.50 0.00	61.04 2.53 0.00	41.17 1.68 0.00	35.94 1.60 0.00	36.39 1.67 0.00	32.10 1.62 0.00	28.90 1.43 0.00
ASTORIA_GT3_3 24100	26.57 1.09 0.00	26.40 0.94 0.00	25.39 0.94 0.00	26.57 0.99 0.00	26.08 0.91 0.00	26.37 0.93 0.00	120.95 4.49 0.00	56.98 2.24 0.00	40.02 1.00 -15.24	33.65 0.81 -14.98	34.31 0.94 -13.00	38.91 0.83 -18.63	39.77 1.02 -17.22	36.87 0.80 -17.19	34.14 1.07 -8.19	44.71 1.75 -0.59	47.69 1.97 0.00	53.33 2.50 0.00	61.04 2.53 0.00	41.17 1.68 0.00	35.94 1.60 0.00	36.39 1.67 0.00	32.10 1.62 0.00	28.90 1.43 0.00
ASTORIA_GT3_4 24101	26.57 1.09 0.00	26.40 0.94 0.00	25.39 0.94 0.00	26.57 0.99 0.00	26.08 0.91 0.00	26.37 0.93 0.00	120.95 4.49 0.00	56.98 2.24 0.00	40.02 1.00 -15.24	33.65 0.81 -14.98	34.31 0.94 -13.00	38.91 0.83 -18.63	39.77 1.02 -17.22	36.87 0.80 -17.19	34.14 1.07 -8.19	44.71 1.75 -0.59	47.69 1.97 0.00	53.33 2.50 0.00	61.04 2.53 0.00	41.17 1.68 0.00	35.94 1.60 0.00	36.39 1.67 0.00	32.10 1.62 0.00	28.90 1.43 0.00
ASTORIA_GT4_1 24102	26.57 1.09 0.00	26.40 0.94 0.00	25.39 0.94 0.00	26.57 0.99 0.00	26.08 0.91 0.00	26.37 0.93 0.00	120.95 4.49 0.00	56.98 2.24 0.00	40.02 1.00 -15.24	33.65 0.81 -14.98	34.31 0.94 -13.00	38.91 0.83 -18.63	39.77 1.02 -17.22	36.87 0.80 -17.19	34.14 1.07 -8.19	44.71 1.75 -0.59	47.69 1.97 0.00	53.33 2.50 0.00	61.04 2.53 0.00	41.17 1.68 0.00	35.94 1.60 0.00	36.39 1.67 0.00	32.10 1.62 0.00	28.90 1.43 0.00
ASTORIA_GT4_2 24103	26.57 1.09 0.00	26.40 0.94 0.00	25.39 0.94 0.00	26.57 0.99 0.00	26.08 0.91 0.00	26.37 0.93 0.00	120.95 4.49 0.00	56.98 2.24 0.00	40.02 1.00 -15.24	33.65 0.81 -14.98	34.31 0.94 -13.00	38.91 0.83 -18.63	39.77 1.02 -17.22	36.87 0.80 -17.19	34.14 1.07 -8.19	44.71 1.75 -0.59	47.69 1.97 0.00	53.33 2.50 0.00	61.04 2.53 0.00	41.17 1.68 0.00	35.94 1.60 0.00	36.39 1.67 0.00	32.10 1.62 0.00	28.90 1.43 0.00
ASTORIA_GT4_3 24104	26.57 1.09 0.00	26.40 0.94 0.00	25.39 0.94 0.00	26.57 0.99 0.00	26.08 0.91 0.00	26.37 0.93 0.00	120.95 4.49 0.00	56.98 2.24 0.00	40.02 1.00 -15.24	33.65 0.81 -14.98	34.31 0.94 -13.00	38.91 0.83 -18.63	39.77 1.02 -17.22	36.87 0.80 -17.19	34.14 1.07 -8.19	44.71 1.75 -0.59	47.69 1.97 0.00	53.33 2.50 0.00	61.04 2.53 0.00	41.17 1.68 0.00	35.94 1.60 0.00	36.39 1.67 0.00	32.10 1.62 0.00	28.90 1.43 0.00



ASTORIA_GT4_4 24105	26.57 1.09 0.00	26.40 0.94 0.00	25.39 0.94 0.00	26.57 0.99 0.00	26.08 0.91 0.00	26.37 0.93 0.00	120.95 4.49 0.00	56.98 2.24 0.00	40.02 1.00 -15.24	33.65 0.81 -14.98	34.31 0.94 -13.00	38.91 0.83 -18.63	39.77 1.02 -17.22	36.87 0.80 -17.19	34.14 1.07 -8.19	44.71 1.75 -0.59	47.69 1.97 0.00	53.33 2.50 0.00	61.04 2.53 0.00	41.17 1.68 0.00	35.94 1.60 0.00	36.39 1.67 0.00	32.10 1.62 0.00	28.90 1.43 0.00
ASTORIA_GT_1 23523	26.61 1.14 0.00	26.45 0.98 0.00	25.44 0.99 0.00	26.61 1.03 0.00	26.12 0.95 0.00	26.41 0.97 0.00	121.21 4.76 0.00	57.10 2.36 0.00	40.00 0.99 -15.23	33.59 0.75 -14.98	34.21 0.84 -13.00	38.79 0.71 -18.63	39.66 0.91 -17.22	36.81 0.74 -17.19	34.03 0.97 -8.19	44.76 1.80 -0.58	47.81 2.08 0.00	53.42 2.59 0.00	61.11 2.61 0.00	41.26 1.76 0.00	36.02 1.67 0.00	36.46 1.74 0.00	32.17 1.68 0.00	28.96 1.48 0.00
ASTORIA_GT_10 24110	26.64 1.16 0.00	26.50 1.03 0.00	25.49 1.04 0.00	26.66 1.07 0.00	26.17 1.00 0.00	26.45 1.00 0.00	121.38 4.92 0.00	57.11 2.37 0.00	42.19 1.15 -17.26	35.02 0.91 -16.24	36.72 1.04 -15.30	42.32 0.95 -21.92	42.95 1.16 -20.27	39.45 0.94 -19.63	35.76 1.26 -9.62	45.00 2.04 -0.59	47.97 2.24 0.00	53.60 2.78 0.00	61.33 2.83 0.00	41.39 1.90 0.00	36.11 1.76 0.00	36.55 1.83 0.00	32.19 1.71 0.00	29.01 1.53 0.00
ASTORIA_GT_11 24225	26.64 1.16 0.00	26.50 1.03 0.00	25.49 1.04 0.00	26.66 1.07 0.00	26.17 1.00 0.00	26.45 1.00 0.00	121.38 4.92 0.00	57.11 2.37 0.00	42.19 1.15 -17.26	35.02 0.91 -16.24	36.72 1.04 -15.30	42.32 0.95 -21.92	42.95 1.16 -20.27	39.45 0.94 -19.63	35.76 1.26 -9.62	45.00 2.04 -0.59	47.97 2.24 0.00	53.60 2.78 0.00	61.33 2.83 0.00	41.39 1.90 0.00	36.11 1.76 0.00	36.55 1.83 0.00	32.19 1.71 0.00	29.01 1.53 0.00
ASTORIA_GT_12 24226	26.64 1.16 0.00	26.50 1.03 0.00	25.49 1.04 0.00	26.66 1.07 0.00	26.17 1.00 0.00	26.45 1.00 0.00	121.38 4.92 0.00	57.11 2.37 0.00	42.19 1.15 -17.26	35.02 0.91 -16.24	36.72 1.04 -15.30	42.32 0.95 -21.92	42.95 1.16 -20.27	39.45 0.94 -19.63	35.76 1.26 -9.62	45.00 2.04 -0.59	47.97 2.24 0.00	53.60 2.78 0.00	61.33 2.83 0.00	41.39 1.90 0.00	36.11 1.76 0.00	36.55 1.83 0.00	32.19 1.71 0.00	29.01 1.53 0.00
ASTORIA_GT_13 24227	26.64 1.16 0.00	26.50 1.03 0.00	25.49 1.04 0.00	26.66 1.07 0.00	26.17 1.00 0.00	26.45 1.00 0.00	121.38 4.92 0.00	57.11 2.37 0.00	42.19 1.15 -17.26	35.02 0.91 -16.24	36.72 1.04 -15.30	42.32 0.95 -21.92	42.95 1.16 -20.27	39.45 0.94 -19.63	35.76 1.26 -9.62	45.00 2.04 -0.59	47.97 2.24 0.00	53.60 2.78 0.00	61.33 2.83 0.00	41.39 1.90 0.00	36.11 1.76 0.00	36.55 1.83 0.00	32.19 1.71 0.00	29.01 1.53 0.00
ASTORIA_GT_5 24106	26.61 1.13 0.00	26.45 0.99 0.00	25.44 0.99 0.00	26.61 1.03 0.00	26.12 0.95 0.00	26.41 0.96 0.00	121.18 4.72 0.00	57.10 2.36 0.00	40.07 1.05 -15.24	33.70 0.85 -14.98	34.36 0.99 -13.00	38.96 0.88 -18.63	39.82 1.07 -17.22	36.91 0.85 -17.19	34.20 1.13 -8.19	44.81 1.85 -0.59	47.81 2.08 0.00	53.44 2.61 0.00	61.19 2.68 0.00	41.26 1.77 0.00	36.01 1.67 0.00	36.46 1.74 0.00	32.16 1.68 0.00	28.96 1.48 0.00
ASTORIA_GT_7 24107	26.61 1.13 0.00	26.45 0.99 0.00	25.44 0.99 0.00	26.61 1.03 0.00	26.12 0.95 0.00	26.41 0.96 0.00	121.18 4.72 0.00	57.10 2.36 0.00	40.07 1.05 -15.24	33.70 0.85 -14.98	34.36 0.99 -13.00	38.96 0.88 -18.63	39.82 1.07 -17.22	36.91 0.85 -17.19	34.20 1.13 -8.19	44.81 1.85 -0.59	47.81 2.08 0.00	53.44 2.61 0.00	61.19 2.68 0.00	41.26 1.77 0.00	36.01 1.67 0.00	36.46 1.74 0.00	32.16 1.68 0.00	28.96 1.48 0.00
ASTORIA_GT_8 24108	26.61 1.13 0.00	26.45 0.99 0.00	25.44 0.99 0.00	26.61 1.03 0.00	26.12 0.95 0.00	26.41 0.96 0.00	121.18 4.72 0.00	57.10 2.36 0.00	40.07 1.05 -15.24	33.70 0.85 -14.98	34.36 0.99 -13.00	38.96 0.88 -18.63	39.82 1.07 -17.22	36.91 0.85 -17.19	34.20 1.13 -8.19	44.81 1.85 -0.59	47.81 2.08 0.00	53.44 2.61 0.00	61.19 2.68 0.00	41.26 1.77 0.00	36.01 1.67 0.00	36.46 1.74 0.00	32.16 1.68 0.00	28.96 1.48 0.00
ASTORIA___2 24149	26.57 1.09 0.00	26.40 0.94 0.00	25.39 0.94 0.00	26.57 0.99 0.00	26.08 0.91 0.00	26.37 0.93 0.00	120.98 4.52 0.00	56.98 2.24 0.00	39.95 0.93 -15.23	33.55 0.71 -14.98	34.17 0.79 -13.00	38.74 0.66 -18.63	39.60 0.86 -17.22	36.77 0.70 -17.19	33.97 0.90 -8.19	44.67 1.71 -0.58	47.69 1.96 0.00	53.31 2.49 0.00	60.99 2.48 0.00	41.17 1.68 0.00	35.94 1.60 0.00	36.39 1.67 0.00	32.10 1.62 0.00	28.90 1.43 0.00
ASTORIA___3 23516	26.64 1.16 0.00	26.50 1.03 0.00	25.49 1.04 0.00	26.65 1.07 0.00	26.17 1.00 0.00	26.45 1.01 0.00	121.39 4.93 0.00	57.11 2.37 0.00	42.18 1.14 -17.26	34.99 0.89 -16.24	36.68 1.01 -15.30	42.28 0.91 -21.92	42.91 1.12 -20.27	39.43 0.92 -19.63	35.72 1.22 -9.62	45.00 2.03 -0.59	47.96 2.24 0.00	53.60 2.77 0.00	61.32 2.81 0.00	41.39 1.90 0.00	36.11 1.76 0.00	36.55 1.83 0.00	32.19 1.71 0.00	29.01 1.53 0.00
ASTORIA___4 23517	26.64 1.16 0.00	26.50 1.03 0.00	25.49 1.04 0.00	26.66 1.07 0.00	26.17 1.00 0.00	26.45 1.00 0.00	121.38 4.92 0.00	57.11 2.37 0.00	42.19 1.15 -17.26	35.02 0.91 -16.24	36.72 1.04 -15.30	42.32 0.95 -21.92	42.95 1.16 -20.27	39.45 0.94 -19.63	35.76 1.26 -9.62	45.00 2.04 -0.59	47.97 2.24 0.00	53.60 2.78 0.00	61.33 2.83 0.00	41.39 1.90 0.00	36.11 1.76 0.00	36.55 1.83 0.00	32.19 1.71 0.00	29.01 1.53 0.00
ASTORIA___5 23518	26.64 1.16 0.00	26.50 1.03 0.00	25.49 1.04 0.00	26.65 1.07 0.00	26.17 1.00 0.00	26.45 1.01 0.00	121.39 4.93 0.00	57.11 2.37 0.00	42.18 1.14 -17.26	34.99 0.89 -16.24	36.68 1.01 -15.30	42.28 0.91 -21.92	42.91 1.12 -20.27	39.43 0.92 -19.63	35.72 1.22 -9.62	45.00 2.03 -0.59	47.96 2.24 0.00	53.60 2.77 0.00	61.32 2.81 0.00	41.39 1.90 0.00	36.11 1.76 0.00	36.55 1.83 0.00	32.19 1.71 0.00	29.01 1.53 0.00
AST_ENERGY_2_CC3 323677	26.61 1.13 0.00	26.47 1.01 0.00	25.48 1.04 0.00	26.63 1.04 0.00	26.14 0.97 0.00	26.42 0.97 0.00	121.29 4.84 0.00	57.05 2.31 0.00	39.64 1.20 -14.66	32.62 0.97 -13.79	34.44 1.08 -13.00	39.06 0.99 -18.62	39.94 1.20 -17.21	36.52 0.98 -16.68	34.36 1.31 -8.17	44.99 2.04 -0.58	47.92 2.20 0.00	53.56 2.73 0.00	61.29 2.78 0.00	41.37 1.87 0.00	36.07 1.72 0.00	36.52 1.80 0.00	32.18 1.69 0.00	29.02 1.55 0.00
AST_ENERGY_2_CC4 323678	26.61 1.13 0.00	26.47 1.01 0.00	25.48 1.04 0.00	26.63 1.04 0.00	26.14 0.97 0.00	26.42 0.97 0.00	121.29 4.84 0.00	57.05 2.31 0.00	39.64 1.20 -14.66	32.62 0.97 -13.79	34.44 1.08 -13.00	39.06 0.99 -18.62	39.94 1.20 -17.21	36.52 0.98 -16.68	34.36 1.31 -8.17	44.99 2.04 -0.58	47.92 2.20 0.00	53.56 2.73 0.00	61.29 2.78 0.00	41.37 1.87 0.00	36.07 1.72 0.00	36.52 1.80 0.00	32.18 1.69 0.00	29.02 1.55 0.00



ATHENS_STG_1 23668	25.92 0.44 0.00	25.86 0.39 0.00	24.85 0.41 0.00	26.07 0.48 0.00	25.58 0.41 0.00	25.82 0.37 0.00	118.38 1.92 0.00	55.66 0.92 0.00	24.25 0.47 0.00	18.22 0.36 0.00	20.80 0.43 0.00	19.84 0.39 0.00	22.01 0.49 0.00	19.28 0.42 0.00	25.41 0.52 0.00	43.33 0.85 -0.11	46.54 0.82 0.00	52.00 1.18 0.00	59.69 1.18 0.00	40.33 0.84 0.00	35.11 0.77 0.00	35.55 0.83 0.00	31.25 0.77 0.00	28.16 0.68 0.00
ATHENS_STG_2 23670	25.92 0.44 0.00	25.86 0.39 0.00	24.85 0.41 0.00	26.07 0.48 0.00	25.58 0.41 0.00	25.82 0.37 0.00	118.38 1.92 0.00	55.66 0.92 0.00	24.25 0.47 0.00	18.22 0.36 0.00	20.80 0.43 0.00	19.84 0.39 0.00	22.01 0.49 0.00	19.28 0.42 0.00	25.41 0.52 0.00	43.33 0.85 -0.11	46.54 0.82 0.00	52.00 1.18 0.00	59.69 1.18 0.00	40.33 0.84 0.00	35.11 0.77 0.00	35.55 0.83 0.00	31.25 0.77 0.00	28.16 0.68 0.00
ATHENS_STG_3 23677	25.92 0.44 0.00	25.86 0.39 0.00	24.85 0.41 0.00	26.07 0.48 0.00	25.58 0.41 0.00	25.82 0.37 0.00	118.38 1.92 0.00	55.66 0.92 0.00	24.25 0.47 0.00	18.22 0.36 0.00	20.80 0.43 0.00	19.84 0.39 0.00	22.01 0.49 0.00	19.28 0.42 0.00	25.41 0.52 0.00	43.33 0.85 -0.11	46.54 0.82 0.00	52.00 1.18 0.00	59.69 1.18 0.00	40.33 0.84 0.00	35.11 0.77 0.00	35.55 0.83 0.00	31.25 0.77 0.00	28.16 0.68 0.00
AUBURN___LFGE 323710	25.60 0.12 0.00	25.57 0.10 0.00	24.54 0.09 0.00	25.65 0.06 0.00	25.27 0.11 0.00	25.60 0.15 0.00	117.65 1.19 0.00	55.12 0.38 0.00	23.91 0.13 0.00	17.87 0.01 0.00	20.36 -0.01 0.00	19.47 0.01 0.00	21.48 -0.05 0.00	18.77 -0.10 0.00	24.72 -0.16 0.00	42.29 -0.09 0.00	45.86 0.13 0.00	51.09 0.26 0.00	58.62 0.12 0.00	39.51 0.01 0.00	34.29 -0.05 0.00	34.64 -0.09 0.00	30.32 -0.16 0.00	27.31 -0.17 0.00
BABYLON_RES_REC 323704	26.62 1.14 0.00	26.43 0.97 0.00	25.45 1.00 0.00	26.61 1.02 0.00	25.92 0.76 0.00	26.06 0.62 0.00	119.54 3.08 0.00	56.20 1.46 0.00	24.02 1.13 0.90	17.97 0.95 0.85	20.56 0.99 0.80	19.27 0.96 1.14	21.71 1.23 1.05	18.75 0.91 1.02	43.81 1.50 -17.43	45.05 2.03 -0.65	47.48 1.75 0.00	52.32 1.50 0.00	60.15 1.65 0.00	40.97 1.47 0.00	36.16 1.82 0.00	36.54 1.82 0.00	41.39 2.36 -8.54	38.83 2.16 -9.20
BABYLON__69_KV_BK2 356345	26.80 1.32 0.00	26.60 1.13 0.00	25.62 1.17 0.00	26.79 1.20 0.00	26.07 0.91 0.00	26.22 0.78 0.00	120.24 3.79 0.00	56.50 1.76 0.00	24.20 1.32 0.90	18.10 1.08 0.85	20.69 1.12 0.80	19.40 1.10 1.14	21.86 1.40 1.05	19.00 1.15 1.02	44.23 1.92 -17.43	45.82 2.80 -0.65	48.41 2.69 0.00	53.23 2.41 0.00	61.27 2.76 0.00	41.77 2.28 0.00	36.77 2.43 0.00	37.07 2.35 0.00	41.67 2.64 -8.54	39.08 2.40 -9.20
BALL_HILL_WT_PWR 323825	25.54 0.07 0.00	25.71 0.24 0.00	24.57 0.12 0.00	25.48 -0.11 0.00	25.22 0.05 0.00	25.72 0.28 0.00	117.04 0.58 0.00	54.04 -0.70 0.00	23.66 -0.13 0.00	17.86 -0.01 0.00	20.47 0.10 0.00	19.72 0.27 0.00	21.59 0.06 0.00	18.52 -0.35 0.00	24.11 -0.77 0.00	40.47 -1.90 0.00	43.36 -2.36 0.00	47.60 -3.23 0.00	53.97 -4.53 0.00	36.39 -3.11 0.00	31.56 -2.79 0.00	31.83 -2.89 0.00	27.43 -2.51 0.54	23.71 -2.07 1.70
BARON_WINDS___WT_PWR 323822	25.77 0.29 0.00	25.72 0.26 0.00	24.69 0.25 0.00	25.68 0.10 0.00	25.19 0.02 0.00	25.44 0.00 0.00	117.37 0.92 0.00	54.40 -0.34 0.00	23.69 -0.09 0.00	17.80 -0.06 0.00	20.33 -0.04 0.00	19.58 0.13 0.00	21.53 0.00 0.00	18.64 -0.23 0.00	24.29 -0.59 0.00	41.19 -1.19 0.00	44.47 -1.26 0.00	48.84 -1.98 0.00	55.52 -2.98 0.00	37.12 -2.37 0.00	31.93 -2.42 0.00	32.39 -2.33 0.00	28.30 -2.18 0.00	25.54 -1.94 0.00
BARRETT_IC_1 23704	26.51 1.03 0.00	26.34 0.88 0.00	25.34 0.90 0.00	26.51 0.93 0.00	25.85 0.69 0.00	25.98 0.53 0.00	119.00 2.54 0.00	55.82 1.07 0.00	23.83 0.95 0.90	17.88 0.87 0.85	20.55 0.98 0.80	19.25 0.94 1.14	21.67 1.20 1.05	18.84 0.99 1.02	43.89 1.58 -17.43	45.21 2.18 -0.65	47.80 2.08 0.00	52.82 2.00 0.00	60.62 2.11 0.00	41.22 1.73 0.00	36.26 1.92 0.00	36.65 1.93 0.00	41.15 2.13 -8.54	38.61 1.94 -9.20
BARRETT_IC_10 23701	26.51 1.03 0.00	26.34 0.88 0.00	25.34 0.90 0.00	26.51 0.93 0.00	25.85 0.69 0.00	25.98 0.53 0.00	119.00 2.54 0.00	55.82 1.07 0.00	23.83 0.95 0.90	17.88 0.87 0.85	20.55 0.98 0.80	19.25 0.94 1.14	21.67 1.20 1.05	18.84 0.99 1.02	43.89 1.58 -17.43	45.21 2.18 -0.65	47.80 2.08 0.00	52.82 2.00 0.00	60.62 2.11 0.00	41.22 1.73 0.00	36.26 1.92 0.00	36.65 1.93 0.00	41.15 2.13 -8.54	38.61 1.94 -9.20
BARRETT_IC_11 23702	26.51 1.03 0.00	26.34 0.88 0.00	25.34 0.90 0.00	26.51 0.93 0.00	25.85 0.69 0.00	25.98 0.53 0.00	119.00 2.54 0.00	55.82 1.07 0.00	23.83 0.95 0.90	17.88 0.87 0.85	20.55 0.98 0.80	19.25 0.94 1.14	21.67 1.20 1.05	18.84 0.99 1.02	43.89 1.58 -17.43	45.21 2.18 -0.65	47.80 2.08 0.00	52.82 2.00 0.00	60.62 2.11 0.00	41.22 1.73 0.00	36.26 1.92 0.00	36.65 1.93 0.00	41.15 2.13 -8.54	38.61 1.94 -9.20
BARRETT_IC_12 23703	26.51 1.03 0.00	26.34 0.88 0.00	25.34 0.90 0.00	26.51 0.93 0.00	25.85 0.69 0.00	25.98 0.53 0.00	119.00 2.54 0.00	55.82 1.07 0.00	23.83 0.95 0.90	17.88 0.87 0.85	20.55 0.98 0.80	19.25 0.94 1.14	21.67 1.20 1.05	18.84 0.99 1.02	43.89 1.58 -17.43	45.21 2.18 -0.65	47.80 2.08 0.00	52.82 2.00 0.00	60.62 2.11 0.00	41.22 1.73 0.00	36.26 1.92 0.00	36.65 1.93 0.00	41.15 2.13 -8.54	38.61 1.94 -9.20
BARRETT_IC_2 23705	26.51 1.03 0.00	26.34 0.88 0.00	25.34 0.90 0.00	26.51 0.93 0.00	25.85 0.69 0.00	25.98 0.53 0.00	119.00 2.54 0.00	55.82 1.07 0.00	23.83 0.95 0.90	17.88 0.87 0.85	20.55 0.98 0.80	19.25 0.94 1.14	21.67 1.20 1.05	18.84 0.99 1.02	43.89 1.58 -17.43	45.21 2.18 -0.65	47.80 2.08 0.00	52.82 2.00 0.00	60.62 2.11 0.00	41.22 1.73 0.00	36.26 1.92 0.00	36.65 1.93 0.00	41.15 2.13 -8.54	38.61 1.94 -9.20
BARRETT_IC_3 23706	26.51 1.03 0.00	26.34 0.88 0.00	25.34 0.90 0.00	26.51 0.93 0.00	25.85 0.69 0.00	25.98 0.53 0.00	119.00 2.54 0.00	55.82 1.07 0.00	23.83 0.95 0.90	17.88 0.87 0.85	20.55 0.98 0.80	19.25 0.94 1.14	21.67 1.20 1.05	18.84 0.99 1.02	43.89 1.58 -17.43	45.21 2.18 -0.65	47.80 2.08 0.00	52.82 2.00 0.00	60.62 2.11 0.00	41.22 1.73 0.00	36.26 1.92 0.00	36.65 1.93 0.00	41.15 2.13 -8.54	38.61 1.94 -9.20
BARRETT_IC_4 23707	26.51 1.03 0.00	26.34 0.88 0.00	25.34 0.90 0.00	26.51 0.93 0.00	25.85 0.69 0.00	25.98 0.53 0.00	119.00 2.54 0.00	55.82 1.07 0.00	23.83 0.95 0.90	17.88 0.87 0.85	20.55 0.98 0.80	19.25 0.94 1.14	21.67 1.20 1.05	18.84 0.99 1.02	43.89 1.58 -17.43	45.21 2.18 -0.65	47.80 2.08 0.00	52.82 2.00 0.00	60.62 2.11 0.00	41.22 1.73 0.00	36.26 1.92 0.00	36.65 1.93 0.00	41.15 2.13 -8.54	38.61 1.94 -9.20



BARRETT_IC_5 23708	26.51 1.03 0.00	26.34 0.88 0.00	25.34 0.90 0.00	26.51 0.93 0.00	25.85 0.69 0.00	25.98 0.53 0.00	119.00 2.54 0.00	55.82 1.07 0.00	23.83 0.95 0.90	17.88 0.87 0.85	20.55 0.98 0.80	19.25 0.94 1.14	21.67 1.20 1.05	18.84 0.99 1.02	43.89 1.58 -17.43	45.21 2.18 -0.65	47.80 2.08 0.00	52.82 2.00 0.00	60.62 2.11 0.00	41.22 1.73 0.00	36.26 1.92 0.00	36.65 1.93 0.00	41.15 2.13 -8.54	38.61 1.94 -9.20
BARRETT_IC_6 23709	26.51 1.03 0.00	26.34 0.88 0.00	25.34 0.90 0.00	26.51 0.93 0.00	25.85 0.69 0.00	25.98 0.53 0.00	119.00 2.54 0.00	55.82 1.07 0.00	23.83 0.95 0.90	17.88 0.87 0.85	20.55 0.98 0.80	19.25 0.94 1.14	21.67 1.20 1.05	18.84 0.99 1.02	43.89 1.58 -17.43	45.21 2.18 -0.65	47.80 2.08 0.00	52.82 2.00 0.00	60.62 2.11 0.00	41.22 1.73 0.00	36.26 1.92 0.00	36.65 1.93 0.00	41.15 2.13 -8.54	38.61 1.94 -9.20
BARRETT_IC_7 23710	26.51 1.03 0.00	26.34 0.88 0.00	25.35 0.90 0.00	26.51 0.93 0.00	25.85 0.69 0.00	25.98 0.53 0.00	118.99 2.54 0.00	55.81 1.06 0.00	23.83 0.95 0.90	17.88 0.87 0.85	20.55 0.97 0.80	19.24 0.94 1.14	21.66 1.19 1.05	18.84 0.99 1.02	43.89 1.58 -17.43	45.21 2.18 -0.65	47.80 2.08 0.00	52.83 2.00 0.00	60.61 2.11 0.00	41.22 1.73 0.00	36.25 1.91 0.00	36.65 1.93 0.00	41.15 2.13 -8.54	38.62 1.94 -9.20
BARRETT_IC_8 23711	26.51 1.03 0.00	26.34 0.88 0.00	25.34 0.90 0.00	26.51 0.93 0.00	25.85 0.69 0.00	25.98 0.53 0.00	119.00 2.54 0.00	55.82 1.07 0.00	23.83 0.95 0.90	17.88 0.87 0.85	20.55 0.98 0.80	19.25 0.94 1.14	21.67 1.20 1.05	18.84 0.99 1.02	43.89 1.58 -17.43	45.21 2.18 -0.65	47.80 2.08 0.00	52.82 2.00 0.00	60.62 2.11 0.00	41.22 1.73 0.00	36.26 1.92 0.00	36.65 1.93 0.00	41.15 2.13 -8.54	38.61 1.94 -9.20
BARRETT_IC_9 23700	26.51 1.03 0.00	26.34 0.88 0.00	25.34 0.90 0.00	26.51 0.93 0.00	25.85 0.69 0.00	25.98 0.53 0.00	119.00 2.54 0.00	55.82 1.07 0.00	23.83 0.95 0.90	17.88 0.87 0.85	20.55 0.98 0.80	19.25 0.94 1.14	21.67 1.20 1.05	18.84 0.99 1.02	43.89 1.58 -17.43	45.21 2.18 -0.65	47.80 2.08 0.00	52.82 2.00 0.00	60.62 2.11 0.00	41.22 1.73 0.00	36.26 1.92 0.00	36.65 1.93 0.00	41.15 2.13 -8.54	38.61 1.94 -9.20
BARRETT___1 23545	26.51 1.03 0.00	26.34 0.88 0.00	25.34 0.90 0.00	26.51 0.93 0.00	25.85 0.69 0.00	25.98 0.53 0.00	119.00 2.54 0.00	55.82 1.07 0.00	23.83 0.95 0.90	17.88 0.87 0.85	20.55 0.98 0.80	19.25 0.94 1.14	21.67 1.20 1.05	18.84 0.99 1.02	43.89 1.58 -17.43	45.21 2.18 -0.65	47.80 2.08 0.00	52.82 2.00 0.00	60.62 2.11 0.00	41.22 1.73 0.00	36.26 1.92 0.00	36.65 1.93 0.00	41.15 2.13 -8.54	38.61 1.94 -9.20
BARRETT___2 23546	26.51 1.03 0.00	26.34 0.88 0.00	25.34 0.90 0.00	26.51 0.93 0.00	25.85 0.69 0.00	25.98 0.53 0.00	119.00 2.54 0.00	55.82 1.07 0.00	23.83 0.95 0.90	17.88 0.87 0.85	20.55 0.98 0.80	19.25 0.94 1.14	21.67 1.20 1.05	18.84 0.99 1.02	43.89 1.58 -17.43	45.21 2.18 -0.65	47.80 2.08 0.00	52.82 2.00 0.00	60.62 2.11 0.00	41.22 1.73 0.00	36.26 1.92 0.00	36.65 1.93 0.00	41.15 2.13 -8.54	38.61 1.94 -9.20
BATAVIA__115KV_TB1 55881	25.54 0.07 0.00	25.70 0.24 0.00	24.57 0.12 0.00	25.47 -0.12 0.00	25.24 0.08 0.00	25.74 0.30 0.00	117.11 0.65 0.00	54.31 -0.43 0.00	23.76 -0.03 0.00	17.76 -0.09 0.00	20.23 -0.14 0.00	19.42 -0.03 0.00	21.32 -0.20 0.00	18.35 -0.52 0.00	24.06 -0.82 0.00	40.55 -1.83 0.00	44.09 -1.63 0.00	48.67 -2.15 0.00	55.39 -3.11 0.00	37.44 -2.06 0.00	32.49 -1.85 0.00	32.72 -2.01 0.00	28.74 -1.75 0.00	26.02 -1.46 0.00
BAYONEEC___CTG1 323682	26.66 1.18 0.00	26.52 1.05 0.00	25.51 1.07 0.00	26.68 1.09 0.00	26.18 1.02 0.00	26.47 1.02 0.00	121.60 5.15 0.00	57.16 2.42 0.00	39.69 1.24 -14.67	32.66 0.99 -13.80	34.49 1.11 -13.00	39.10 1.02 -18.63	39.99 1.24 -17.22	36.57 1.01 -16.69	34.40 1.35 -8.17	45.07 2.11 -0.58	48.02 2.29 0.00	53.65 2.83 0.00	61.40 2.89 0.00	41.43 1.93 0.00	36.14 1.80 0.00	36.60 1.87 0.00	32.23 1.75 0.00	29.05 1.57 0.00
BAYONEEC___CTG10 323750	26.66 1.18 0.00	26.52 1.05 0.00	25.51 1.07 0.00	26.68 1.09 0.00	26.18 1.02 0.00	26.47 1.02 0.00	121.60 5.15 0.00	57.16 2.42 0.00	39.69 1.24 -14.67	32.66 0.99 -13.80	34.49 1.11 -13.00	39.10 1.02 -18.63	39.99 1.24 -17.22	36.57 1.01 -16.69	34.40 1.35 -8.17	45.07 2.11 -0.58	48.02 2.29 0.00	53.65 2.83 0.00	61.40 2.89 0.00	41.43 1.93 0.00	36.14 1.80 0.00	36.60 1.87 0.00	32.23 1.75 0.00	29.05 1.57 0.00
BAYONEEC___CTG2 323683	26.66 1.18 0.00	26.52 1.05 0.00	25.51 1.07 0.00	26.68 1.09 0.00	26.18 1.02 0.00	26.47 1.02 0.00	121.60 5.15 0.00	57.16 2.42 0.00	39.69 1.24 -14.67	32.66 0.99 -13.80	34.49 1.11 -13.00	39.10 1.02 -18.63	39.99 1.24 -17.22	36.57 1.01 -16.69	34.40 1.35 -8.17	45.07 2.11 -0.58	48.02 2.29 0.00	53.65 2.83 0.00	61.40 2.89 0.00	41.43 1.93 0.00	36.14 1.80 0.00	36.60 1.87 0.00	32.23 1.75 0.00	29.05 1.57 0.00
BAYONEEC___CTG3 323684	26.66 1.18 0.00	26.52 1.05 0.00	25.51 1.07 0.00	26.68 1.09 0.00	26.18 1.02 0.00	26.47 1.02 0.00	121.60 5.15 0.00	57.16 2.42 0.00	39.69 1.24 -14.67	32.66 0.99 -13.80	34.49 1.11 -13.00	39.10 1.02 -18.63	39.99 1.24 -17.22	36.57 1.01 -16.69	34.40 1.35 -8.17	45.07 2.11 -0.58	48.02 2.29 0.00	53.65 2.83 0.00	61.40 2.89 0.00	41.43 1.93 0.00	36.14 1.80 0.00	36.60 1.87 0.00	32.23 1.75 0.00	29.05 1.57 0.00
BAYONEEC___CTG4 323685	26.66 1.18 0.00	26.52 1.05 0.00	25.51 1.07 0.00	26.68 1.09 0.00	26.18 1.02 0.00	26.47 1.02 0.00	121.60 5.15 0.00	57.16 2.42 0.00	39.69 1.24 -14.67	32.66 0.99 -13.80	34.49 1.11 -13.00	39.10 1.02 -18.63	39.99 1.24 -17.22	36.57 1.01 -16.69	34.40 1.35 -8.17	45.07 2.11 -0.58	48.02 2.29 0.00	53.65 2.83 0.00	61.40 2.89 0.00	41.43 1.93 0.00	36.14 1.80 0.00	36.60 1.87 0.00	32.23 1.75 0.00	29.05 1.57 0.00
BAYONEEC___CTG5 323686	26.66 1.18 0.00	26.52 1.05 0.00	25.51 1.07 0.00	26.68 1.09 0.00	26.18 1.02 0.00	26.47 1.02 0.00	121.60 5.15 0.00	57.16 2.42 0.00	39.69 1.24 -14.67	32.66 0.99 -13.80	34.49 1.11 -13.00	39.10 1.02 -18.63	39.99 1.24 -17.22	36.57 1.01 -16.69	34.40 1.35 -8.17	45.07 2.11 -0.58	48.02 2.29 0.00	53.65 2.83 0.00	61.40 2.89 0.00	41.43 1.93 0.00	36.14 1.80 0.00	36.60 1.87 0.00	32.23 1.75 0.00	29.05 1.57 0.00
BAYONEEC___CTG6 323687	26.66 1.18 0.00	26.52 1.05 0.00	25.51 1.07 0.00	26.68 1.09 0.00	26.18 1.02 0.00	26.47 1.02 0.00	121.60 5.15 0.00	57.16 2.42 0.00	39.69 1.24 -14.67	32.66 0.99 -13.80	34.49 1.11 -13.00	39.10 1.02 -18.63	39.99 1.24 -17.22	36.57 1.01 -16.69	34.40 1.35 -8.17	45.07 2.11 -0.58	48.02 2.29 0.00	53.65 2.83 0.00	61.40 2.89 0.00	41.43 1.93 0.00	36.14 1.80 0.00	36.60 1.87 0.00	32.23 1.75 0.00	29.05 1.57 0.00



BAYONEEC___CTG7 323688	26.66 1.18 0.00	26.52 1.05 0.00	25.51 1.07 0.00	26.68 1.09 0.00	26.18 1.02 0.00	26.47 1.02 0.00	121.60 5.15 0.00	57.16 2.42 0.00	39.69 1.24 -14.67	32.66 0.99 -13.80	34.49 1.11 -13.00	39.10 1.02 -18.63	39.99 1.24 -17.22	36.57 1.01 -16.69	34.40 1.35 -8.17	45.07 2.11 -0.58	48.02 2.29 0.00	53.65 2.83 0.00	61.40 2.89 0.00	41.43 1.93 0.00	36.14 1.80 0.00	36.60 1.87 0.00	32.23 1.75 0.00	29.05 1.57 0.00
BAYONEEC___CTG8 323689	26.66 1.18 0.00	26.52 1.05 0.00	25.51 1.07 0.00	26.68 1.09 0.00	26.18 1.02 0.00	26.47 1.02 0.00	121.60 5.15 0.00	57.16 2.42 0.00	39.69 1.24 -14.67	32.66 0.99 -13.80	34.49 1.11 -13.00	39.10 1.02 -18.63	39.99 1.24 -17.22	36.57 1.01 -16.69	34.40 1.35 -8.17	45.07 2.11 -0.58	48.02 2.29 0.00	53.65 2.83 0.00	61.40 2.89 0.00	41.43 1.93 0.00	36.14 1.80 0.00	36.60 1.87 0.00	32.23 1.75 0.00	29.05 1.57 0.00
BAYONEEC___CTG9 323749	26.66 1.18 0.00	26.52 1.05 0.00	25.51 1.07 0.00	26.68 1.09 0.00	26.18 1.02 0.00	26.47 1.02 0.00	121.60 5.15 0.00	57.16 2.42 0.00	39.69 1.24 -14.67	32.66 0.99 -13.80	34.49 1.11 -13.00	39.10 1.02 -18.63	39.99 1.24 -17.22	36.57 1.01 -16.69	34.40 1.35 -8.17	45.07 2.11 -0.58	48.02 2.29 0.00	53.65 2.83 0.00	61.40 2.89 0.00	41.43 1.93 0.00	36.14 1.80 0.00	36.60 1.87 0.00	32.23 1.75 0.00	29.05 1.57 0.00
BEACON___LESR 323632	25.89 0.41 0.00	25.87 0.40 0.00	24.86 0.41 0.00	26.07 0.48 0.00	25.61 0.44 0.00	25.85 0.41 0.00	118.73 2.27 0.00	56.03 1.28 0.00	24.24 0.46 0.00	18.10 0.24 0.00	20.80 0.43 0.00	19.79 0.34 0.00	21.93 0.41 0.00	19.25 0.38 0.00	25.49 0.61 0.00	43.44 1.06 0.00	46.76 1.03 0.00	52.55 1.72 0.00	60.26 1.75 0.00	40.69 1.19 0.00	35.35 1.01 0.00	35.74 1.02 0.00	31.36 0.87 0.00	28.24 0.76 0.00
BEAVER RIVER___HYD 24048	26.64 1.16 0.00	26.55 1.08 0.00	25.48 1.04 0.00	26.74 1.16 0.00	26.43 1.27 0.00	26.84 1.40 0.00	123.22 6.77 0.00	58.20 3.46 0.00	24.89 1.11 0.00	18.31 0.45 0.00	20.84 0.47 0.00	19.95 0.49 0.00	22.11 0.58 0.00	19.31 0.44 0.00	25.35 0.47 0.00	43.66 1.29 0.00	48.62 2.89 0.00	54.57 3.75 0.00	62.72 4.21 0.00	42.33 2.83 0.00	36.71 2.36 0.00	36.96 2.24 0.00	31.83 1.35 0.00	28.05 0.57 0.00
BEEBEE_GT_13 23619	25.08 -0.40 0.00	25.19 -0.28 0.00	24.10 -0.34 0.00	25.06 -0.53 0.00	24.78 -0.39 0.00	25.21 -0.23 0.00	114.93 -1.52 0.00	53.56 -1.19 0.00	23.38 -0.41 0.00	17.55 -0.31 0.00	20.05 -0.33 0.00	19.24 -0.21 0.00	21.15 -0.38 0.00	18.31 -0.56 0.00	23.99 -0.89 0.00	40.70 -1.67 0.00	43.99 -1.74 0.00	48.70 -2.13 0.00	55.62 -2.88 0.00	37.57 -1.92 0.00	32.62 -1.72 0.00	32.91 -1.81 0.00	28.90 -1.59 0.00	26.13 -1.35 0.00
BENSHRST_27_KV_BENSHRST_1 355998	26.87 1.39 0.00	26.74 1.28 0.00	25.71 1.26 0.00	26.89 1.30 0.00	26.39 1.22 0.00	26.69 1.25 0.00	122.56 6.11 0.00	57.59 2.85 0.00	42.41 1.36 -17.26	35.14 1.03 -16.24	36.82 1.14 -15.30	42.46 1.08 -21.92	43.10 1.30 -20.27	39.60 1.09 -19.63	35.96 1.46 -9.62	45.36 2.39 -0.59	48.35 2.63 0.00	54.11 3.29 0.00	61.89 3.38 0.00	41.81 2.31 0.00	36.51 2.17 0.00	36.98 2.25 0.00	32.55 2.06 0.00	29.30 1.83 0.00
BETHLEHEM___GRP 23843	25.46 -0.02 0.00	25.47 0.00 0.00	24.47 0.03 0.00	25.65 0.07 0.00	25.18 0.01 0.00	25.38 -0.06 0.00	116.31 -0.15 0.00	54.87 0.12 0.00	23.83 0.05 0.00	17.83 -0.03 0.00	20.48 0.11 0.00	19.51 0.06 0.00	21.64 0.11 0.00	19.00 0.13 0.00	25.02 0.14 0.00	42.64 0.26 0.00	45.87 0.15 0.00	51.36 0.53 0.00	59.00 0.50 0.00	39.86 0.37 0.00	34.67 0.33 0.00	35.07 0.35 0.00	30.82 0.34 0.00	27.76 0.28 0.00
BETHLEHEM___GS1 323560	25.46 -0.02 0.00	25.47 0.00 0.00	24.47 0.03 0.00	25.65 0.07 0.00	25.18 0.01 0.00	25.38 -0.06 0.00	116.31 -0.15 0.00	54.87 0.12 0.00	23.83 0.05 0.00	17.83 -0.03 0.00	20.48 0.11 0.00	19.52 0.07 0.00	21.64 0.11 0.00	19.00 0.13 0.00	25.03 0.15 0.00	42.64 0.26 0.00	45.87 0.15 0.00	51.36 0.53 0.00	59.01 0.50 0.00	39.86 0.37 0.00	34.68 0.33 0.00	35.07 0.35 0.00	30.82 0.34 0.00	27.76 0.28 0.00
BETHLEHEM___GS2 323561	25.46 -0.02 0.00	25.47 0.00 0.00	24.47 0.03 0.00	25.65 0.07 0.00	25.18 0.01 0.00	25.38 -0.06 0.00	116.31 -0.15 0.00	54.87 0.12 0.00	23.83 0.05 0.00	17.83 -0.03 0.00	20.48 0.11 0.00	19.52 0.07 0.00	21.64 0.11 0.00	19.00 0.13 0.00	25.03 0.15 0.00	42.64 0.26 0.00	45.87 0.15 0.00	51.36 0.53 0.00	59.01 0.50 0.00	39.86 0.37 0.00	34.68 0.33 0.00	35.07 0.35 0.00	30.82 0.34 0.00	27.76 0.28 0.00
BETHLEHEM___GS3 323562	25.46 -0.02 0.00	25.47 0.00 0.00	24.47 0.03 0.00	25.65 0.07 0.00	25.18 0.01 0.00	25.38 -0.06 0.00	116.31 -0.15 0.00	54.87 0.12 0.00	23.83 0.05 0.00	17.83 -0.03 0.00	20.48 0.11 0.00	19.52 0.07 0.00	21.64 0.11 0.00	19.00 0.13 0.00	25.03 0.15 0.00	42.64 0.26 0.00	45.87 0.15 0.00	51.36 0.53 0.00	59.01 0.50 0.00	39.86 0.37 0.00	34.68 0.33 0.00	35.07 0.35 0.00	30.82 0.34 0.00	27.76 0.28 0.00
BETHLEHEM___STEEL 23779	25.56 0.08 0.00	25.72 0.26 0.00	24.57 0.13 0.00	25.45 -0.13 0.00	25.19 0.03 0.00	25.62 0.18 0.00	116.65 0.20 0.00	53.82 -0.93 0.00	23.63 -0.15 0.00	17.82 -0.04 0.00	20.40 0.03 0.00	19.65 0.20 0.00	21.54 0.01 0.00	18.49 -0.38 0.00	24.11 -0.77 0.00	40.47 -1.91 0.00	43.40 -2.32 0.00	47.63 -3.20 0.00	54.18 -4.32 0.00	36.57 -2.93 0.00	31.74 -2.61 0.00	32.03 -2.69 0.00	28.15 -2.33 0.00	25.57 -1.91 0.00
BETHLHEM_115KV_TB1 79974	25.53 0.05 0.00	25.53 0.07 0.00	24.53 0.09 0.00	25.72 0.13 0.00	25.25 0.08 0.00	25.46 0.02 0.00	116.66 0.20 0.00	55.01 0.27 0.00	23.89 0.11 0.00	17.88 0.02 0.00	20.52 0.15 0.00	19.55 0.11 0.00	21.68 0.16 0.00	19.04 0.17 0.00	25.08 0.20 0.00	42.73 0.36 0.00	45.98 0.26 0.00	51.47 0.64 0.00	59.13 0.62 0.00	39.95 0.45 0.00	34.75 0.41 0.00	35.16 0.43 0.00	30.88 0.40 0.00	27.82 0.34 0.00
BETHPAGE_CC_5 323564	26.66 1.18 0.00	26.48 1.02 0.00	25.49 1.04 0.00	26.65 1.06 0.00	25.99 0.82 0.00	26.14 0.70 0.00	119.88 3.42 0.00	56.36 1.62 0.00	24.05 1.17 0.90	18.00 0.99 0.85	20.64 1.06 0.80	19.34 1.03 1.14	21.77 1.30 1.05	18.93 1.08 1.02	44.04 1.73 -17.43	45.46 2.43 -0.65	48.07 2.34 0.00	53.07 2.25 0.00	60.96 2.45 0.00	41.46 1.96 0.00	36.44 2.10 0.00	36.77 2.05 0.00	41.36 2.33 -8.54	38.81 2.13 -9.20
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	25.72 0.25 0.00	25.87 0.41 0.00	24.72 0.28 0.00	25.61 0.02 0.00	25.34 0.17 0.00	25.77 0.33 0.00	117.36 0.91 0.00	54.19 -0.55 0.00	23.79 0.01 0.00	17.93 0.07 0.00	20.55 0.17 0.00	19.79 0.34 0.00	21.69 0.17 0.00	18.63 -0.24 0.00	24.28 -0.59 0.00	40.78 -1.60 0.00	43.72 -2.00 0.00	47.97 -2.86 0.00	54.58 -3.92 0.00	36.83 -2.67 0.00	31.98 -2.37 0.00	32.26 -2.46 0.00	28.34 -2.15 0.00	25.75 -1.73 0.00



BINGHAMTON___COGEN 23790	26.17 0.69 0.00	26.04 0.57 0.00	25.01 0.56 0.00	26.13 0.55 0.00	25.70 0.54 0.00	25.93 0.49 0.00	120.09 3.63 0.00	55.91 1.17 0.00	24.66 0.88 0.00	18.42 0.56 0.00	20.99 0.62 0.00	20.13 0.68 0.00	22.18 0.66 0.00	19.35 0.48 0.00	25.26 0.38 0.00	42.50 0.13 0.00	45.82 0.09 0.00	50.98 0.15 0.00	58.53 0.03 0.00	39.38 -0.11 0.00	34.15 -0.19 0.00	34.55 -0.17 0.00	30.26 -0.22 0.00	27.30 -0.18 0.00
BIXINCNT_115KV_LOAD 355685	26.21 0.73 0.00	26.23 0.77 0.00	25.11 0.66 0.00	26.05 0.47 0.00	25.66 0.50 0.00	25.98 0.53 0.00	118.88 2.42 0.00	55.20 0.45 0.00	24.18 0.40 0.00	18.18 0.32 0.00	20.99 0.61 0.00	20.26 0.81 0.00	22.26 0.73 0.00	19.11 0.24 0.00	24.90 0.02 0.00	41.68 -0.69 0.00	44.31 -1.42 0.00	48.26 -2.56 0.00	54.84 -3.67 0.00	36.99 -2.50 0.00	32.24 -2.10 0.00	32.47 -2.25 0.00	28.51 -2.31 -0.34	26.92 -1.62 -1.06
BLACK RIVER___HYD 24047	26.48 1.00 0.00	26.36 0.89 0.00	25.29 0.85 0.00	26.57 0.98 0.00	26.24 1.07 0.00	26.65 1.21 0.00	122.45 5.99 0.00	57.83 3.09 0.00	24.75 0.97 0.00	18.19 0.33 0.00	20.73 0.36 0.00	19.86 0.41 0.00	22.10 0.58 0.00	19.26 0.39 0.00	25.26 0.38 0.00	43.45 1.08 0.00	48.50 2.78 0.00	54.48 3.65 0.00	62.59 4.09 0.00	42.29 2.80 0.00	36.69 2.35 0.00	36.93 2.21 0.00	31.76 1.27 0.00	27.92 0.44 0.00
BLACKRVR_115KV_TB2 79977	26.48 1.00 0.00	26.36 0.89 0.00	25.29 0.85 0.00	26.57 0.99 0.00	26.24 1.08 0.00	26.65 1.21 0.00	122.46 6.00 0.00	57.83 3.09 0.00	24.75 0.97 0.00	18.19 0.33 0.00	20.73 0.36 0.00	19.87 0.41 0.00	22.10 0.58 0.00	19.26 0.39 0.00	25.26 0.38 0.00	43.45 1.08 0.00	48.50 2.78 0.00	54.48 3.65 0.00	62.59 4.09 0.00	42.30 2.80 0.00	36.69 2.35 0.00	36.93 2.21 0.00	31.76 1.27 0.00	27.92 0.44 0.00
BLISS_WT_PWR 323608	26.18 0.70 0.00	26.19 0.73 0.00	25.08 0.63 0.00	26.01 0.43 0.00	25.60 0.44 0.00	25.92 0.47 0.00	118.64 2.19 0.00	55.15 0.41 0.00	24.16 0.38 0.00	18.15 0.29 0.00	20.98 0.61 0.00	20.27 0.82 0.00	22.28 0.75 0.00	19.12 0.25 0.00	24.91 0.03 0.00	41.66 -0.72 0.00	44.18 -1.55 0.00	47.99 -2.84 0.00	54.49 -4.01 0.00	36.78 -2.71 0.00	32.08 -2.26 0.00	32.30 -2.42 0.00	28.26 -2.57 -0.34	26.74 -1.80 -1.06
BLUESTONE___WT_PWR 323821	26.36 0.88 0.00	26.26 0.79 0.00	25.45 1.01 0.00	26.57 0.98 0.00	26.27 1.11 0.00	26.87 1.43 0.00	124.80 8.35 0.00	58.42 3.67 0.00	25.33 1.55 0.00	18.99 1.13 0.00	21.56 1.19 0.00	20.64 1.19 0.00	22.77 1.25 0.00	19.87 1.00 0.00	26.07 1.19 0.00	44.67 2.29 0.00	48.52 2.79 0.00	53.70 2.87 0.00	61.63 3.12 0.00	41.48 1.99 0.00	35.76 1.42 0.00	35.38 0.66 0.00	30.81 0.33 0.00	27.78 0.30 0.00
BLUE_CIRC_CHEM_DRP 24182	25.85 0.37 0.00	25.86 0.40 0.00	24.85 0.41 0.00	26.06 0.48 0.00	25.60 0.44 0.00	25.84 0.39 0.00	118.36 1.90 0.00	55.66 0.92 0.00	24.06 0.27 0.00	17.97 0.11 0.00	20.59 0.21 0.00	19.63 0.18 0.00	21.75 0.22 0.00	19.09 0.23 0.00	25.19 0.31 0.00	43.13 0.75 0.00	46.47 0.75 0.00	51.99 1.17 0.00	59.76 1.25 0.00	40.38 0.88 0.00	35.11 0.77 0.00	35.52 0.80 0.00	31.20 0.72 0.00	28.11 0.64 0.00
BOC_GAS_DRP 24189	25.71 0.24 0.00	25.70 0.23 0.00	24.70 0.25 0.00	25.89 0.31 0.00	25.42 0.26 0.00	25.65 0.21 0.00	117.50 1.04 0.00	55.32 0.58 0.00	24.05 0.27 0.00	18.03 0.17 0.00	20.63 0.26 0.00	19.67 0.21 0.00	21.80 0.28 0.00	19.13 0.26 0.00	25.22 0.34 0.00	42.95 0.57 0.00	46.23 0.50 0.00	51.67 0.84 0.00	59.34 0.84 0.00	40.10 0.61 0.00	34.90 0.55 0.00	35.31 0.59 0.00	31.03 0.54 0.00	27.96 0.48 0.00
BOONVILLE_115KV_TB1 79983	26.34 0.86 0.00	26.28 0.81 0.00	25.25 0.80 0.00	26.46 0.87 0.00	26.11 0.95 0.00	26.48 1.03 0.00	121.60 5.15 0.00	57.51 2.77 0.00	24.86 1.08 0.00	18.43 0.57 0.00	20.96 0.59 0.00	20.03 0.58 0.00	22.14 0.62 0.00	19.38 0.51 0.00	25.42 0.54 0.00	43.58 1.21 0.00	47.75 2.02 0.00	53.35 2.52 0.00	61.33 2.82 0.00	41.40 1.90 0.00	35.93 1.59 0.00	36.22 1.50 0.00	31.51 1.02 0.00	28.07 0.59 0.00
BORALEX_4TH_BRANCH 23824	26.38 0.90 0.00	26.46 1.00 0.00	25.41 0.96 0.00	26.67 1.09 0.00	26.19 1.03 0.00	26.39 0.94 0.00	120.32 3.87 0.00	56.91 2.16 0.00	24.67 0.89 0.00	18.32 0.46 0.00	21.08 0.71 0.00	20.05 0.60 0.00	22.24 0.72 0.00	19.67 0.80 0.00	26.10 1.22 0.00	44.49 2.11 0.00	47.52 1.80 0.00	53.38 2.56 0.00	61.45 2.94 0.00	41.57 2.08 0.00	36.26 1.92 0.00	36.65 1.93 0.00	32.16 1.68 0.00	28.98 1.50 0.00
BOWLINE___1 23526	26.43 0.95 0.00	26.31 0.84 0.00	25.30 0.85 0.00	26.48 0.90 0.00	25.97 0.80 0.00	26.21 0.76 0.00	120.39 3.94 0.00	56.65 1.91 0.00	24.75 0.97 0.00	18.65 0.79 0.00	21.21 0.84 0.00	20.19 0.74 0.00	22.51 0.99 0.00	19.66 0.79 0.00	25.90 1.03 0.00	43.05 1.59 0.92	47.50 1.78 0.00	53.09 2.26 0.00	60.78 2.27 0.00	41.01 1.52 0.00	35.76 1.42 0.00	36.25 1.53 0.00	31.92 1.44 0.00	28.79 1.31 0.00
BOWLINE___2 23595	26.43 0.95 0.00	26.32 0.85 0.00	25.30 0.86 0.00	26.49 0.91 0.00	25.99 0.82 0.00	26.24 0.80 0.00	120.60 4.15 0.00	56.67 1.93 0.00	24.75 0.97 0.00	18.65 0.79 0.00	21.24 0.86 0.00	20.22 0.77 0.00	22.52 0.99 0.00	19.66 0.79 0.00	25.90 1.02 0.00	43.00 1.54 0.92	47.43 1.70 0.00	53.00 2.17 0.00	60.70 2.19 0.00	40.95 1.46 0.00	35.71 1.37 0.00	36.21 1.49 0.00	31.90 1.41 0.00	28.78 1.30 0.00
BRADY___115KV_TB2 356060	28.56 3.09 0.00	28.53 3.07 0.00	27.37 2.93 0.00	28.64 3.06 0.00	28.35 3.18 0.00	28.88 3.43 0.00	132.75 16.29 0.00	62.99 8.25 0.00	26.11 2.33 0.00	18.81 0.95 0.00	21.33 0.95 0.00	20.46 1.01 0.00	22.64 1.11 0.00	19.76 0.90 0.00	26.03 1.15 0.00	45.15 2.77 0.00	51.76 6.03 0.00	58.60 7.78 0.00	67.40 8.89 0.00	45.35 5.86 0.00	39.29 4.95 0.00	39.35 4.64 0.00	33.86 3.38 0.00	30.11 2.63 0.00
BRANSCOMB___SOLAR 323811	26.38 0.91 0.00	26.42 0.95 0.00	25.38 0.94 0.00	26.62 1.04 0.00	26.18 1.02 0.00	26.46 1.02 0.00	121.35 4.90 0.00	57.21 2.47 0.00	24.67 0.89 0.00	18.31 0.45 0.00	20.91 0.54 0.00	19.90 0.45 0.00	22.06 0.54 0.00	19.44 0.57 0.00	25.77 0.89 0.00	44.11 1.73 0.00	47.62 1.90 0.00	53.43 2.61 0.00	61.47 2.96 0.00	41.54 2.05 0.00	36.04 1.69 0.00	36.44 1.72 0.00	32.06 1.57 0.00	28.85 1.37 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	26.66 1.18 0.00	26.47 1.00 0.00	25.48 1.04 0.00	26.66 1.07 0.00	25.93 0.76 0.00	26.04 0.59 0.00	119.25 2.79 0.00	55.91 1.17 0.00	24.04 1.16 0.90	17.99 0.98 0.85	20.58 1.00 0.80	19.31 1.00 1.14	21.77 1.30 1.05	18.93 1.08 1.02	44.15 1.83 -17.43	45.65 2.62 -0.65	48.13 2.40 0.00	52.76 1.93 0.00	60.83 2.33 0.00	41.51 2.02 0.00	36.56 2.21 0.00	36.85 2.13 0.00	41.49 2.46 -8.54	38.95 2.27 -9.20



BRISTLHL_115KV_TB1 79998	24.87 -0.61 0.00	24.86 -0.60 0.00	23.86 -0.58 0.00	24.94 -0.64 0.00	24.56 -0.60 0.00	24.89 -0.55 0.00	114.00 -2.45 0.00	53.53 -1.22 0.00	23.23 -0.55 0.00	17.42 -0.44 0.00	19.86 -0.51 0.00	18.97 -0.48 0.00	20.95 -0.58 0.00	18.32 -0.55 0.00	24.15 -0.73 0.00	41.29 -1.08 0.00	44.69 -1.03 0.00	49.78 -1.04 0.00	57.16 -1.35 0.00	38.58 -0.91 0.00	33.53 -0.81 0.00	33.92 -0.81 0.00	29.74 -0.74 0.00	26.78 -0.70 0.00
BROOKHAVEN___DRP 24191	26.09 0.61 0.00	25.90 0.43 0.00	24.97 0.52 0.00	26.17 0.59 0.00	25.37 0.21 0.00	25.47 0.03 0.00	117.19 0.74 0.00	55.25 0.51 0.00	23.73 0.85 0.90	17.71 0.70 0.85	20.09 0.51 0.80	-6.37 0.58 26.40	-15.97 0.83 38.32	-3.95 0.71 23.53	43.92 1.61 -17.43	45.40 2.37 -0.65	48.00 2.27 0.00	52.03 1.21 0.00	59.84 1.34 0.00	41.08 1.58 0.00	36.28 1.94 0.00	36.41 1.68 0.00	41.00 1.97 -8.54	38.54 1.87 -9.20
BROOKLYN_NAVY_YARD 23515	26.58 1.10 0.00	26.44 0.98 0.00	25.43 0.99 0.00	26.59 1.01 0.00	26.10 0.94 0.00	26.40 0.95 0.00	121.27 4.82 0.00	57.04 2.30 0.00	39.64 1.20 -14.67	32.61 0.96 -13.80	34.43 1.06 -13.00	39.06 0.98 -18.63	39.94 1.19 -17.22	36.51 0.96 -16.69	34.33 1.28 -8.17	44.93 1.98 -0.58	47.88 2.16 0.00	53.53 2.70 0.00	61.26 2.76 0.00	41.33 1.83 0.00	36.04 1.69 0.00	36.49 1.77 0.00	32.16 1.67 0.00	28.98 1.51 0.00
BROOKLYN___ARMY_DRP 323595	26.74 1.26 0.00	26.62 1.16 0.00	25.59 1.15 0.00	26.78 1.20 0.00	26.28 1.11 0.00	26.57 1.13 0.00	121.97 5.51 0.00	57.30 2.55 0.00	42.27 1.23 -17.26	35.03 0.93 -16.24	36.71 1.04 -15.30	42.35 0.97 -21.92	42.97 1.18 -20.27	39.48 0.98 -19.63	35.82 1.32 -9.62	45.12 2.16 -0.59	48.08 2.36 0.00	53.80 2.97 0.00	61.53 3.03 0.00	41.57 2.07 0.00	36.31 1.96 0.00	36.78 2.05 0.00	32.38 1.90 0.00	29.16 1.69 0.00
BROOKVLE_69_KV_TB1 55790	26.75 1.27 0.00	26.60 1.14 0.00	25.58 1.14 0.00	26.77 1.18 0.00	26.17 1.01 0.00	26.38 0.94 0.00	121.14 4.68 0.00	56.93 2.19 0.00	24.16 1.28 0.90	18.08 1.06 0.85	20.76 1.19 0.80	19.42 1.12 1.14	21.85 1.38 1.05	19.00 1.15 1.02	44.01 1.69 -17.43	45.62 2.59 -0.65	48.36 2.63 0.00	53.67 2.85 0.00	61.51 3.00 0.00	41.70 2.21 0.00	36.52 2.18 0.00	36.91 2.19 0.00	41.26 2.23 -8.54	38.69 2.01 -9.20
BROOME_2_LFGE 323671	26.17 0.69 0.00	26.04 0.57 0.00	25.01 0.56 0.00	26.13 0.55 0.00	25.70 0.54 0.00	25.94 0.49 0.00	120.09 3.63 0.00	55.91 1.17 0.00	24.66 0.87 0.00	18.41 0.55 0.00	20.97 0.60 0.00	20.11 0.66 0.00	22.17 0.65 0.00	19.34 0.47 0.00	25.25 0.37 0.00	42.51 0.13 0.00	45.82 0.09 0.00	50.98 0.15 0.00	58.53 0.03 0.00	39.38 -0.11 0.00	34.15 -0.19 0.00	34.55 -0.17 0.00	30.26 -0.22 0.00	27.30 -0.18 0.00
BROOME___LFGE 323600	26.17 0.69 0.00	26.04 0.57 0.00	25.01 0.56 0.00	26.13 0.55 0.00	25.70 0.54 0.00	25.94 0.49 0.00	120.09 3.63 0.00	55.91 1.17 0.00	24.66 0.87 0.00	18.41 0.55 0.00	20.97 0.60 0.00	20.11 0.66 0.00	22.17 0.65 0.00	19.34 0.47 0.00	25.25 0.37 0.00	42.51 0.13 0.00	45.82 0.09 0.00	50.98 0.15 0.00	58.53 0.03 0.00	39.38 -0.11 0.00	34.15 -0.19 0.00	34.55 -0.17 0.00	30.26 -0.22 0.00	27.30 -0.18 0.00
BROWNFLS_115KV_TB_3_5 80003	27.01 1.54 0.00	26.96 1.49 0.00	25.87 1.43 0.00	27.12 1.53 0.00	26.81 1.65 0.00	27.23 1.79 0.00	124.90 8.44 0.00	59.09 4.34 0.00	25.11 1.33 0.00	18.42 0.56 0.00	20.95 0.58 0.00	20.07 0.62 0.00	22.24 0.71 0.00	19.41 0.54 0.00	25.53 0.64 0.00	43.99 1.61 0.00	49.15 3.42 0.00	55.22 4.39 0.00	63.46 4.95 0.00	42.77 3.28 0.00	37.11 2.77 0.00	37.31 2.59 0.00	32.17 1.68 0.00	28.48 1.01 0.00
BROWNSV1_27_KV_LOAD 356125	26.87 1.39 0.00	26.72 1.26 0.00	25.71 1.26 0.00	26.87 1.29 0.00	26.37 1.21 0.00	26.68 1.23 0.00	122.66 6.21 0.00	57.70 2.96 0.00	39.91 1.47 -14.67	32.83 1.17 -13.80	34.69 1.31 -13.00	39.29 1.21 -18.63	40.19 1.44 -17.22	36.75 1.19 -16.69	34.63 1.58 -8.17	45.49 2.54 -0.58	48.48 2.75 0.00	54.17 3.35 0.00	61.98 3.48 0.00	41.85 2.35 0.00	36.48 2.14 0.00	36.93 2.21 0.00	32.52 2.03 0.00	29.30 1.82 0.00
BURROWS___LYONSDAL 23803	26.39 0.91 0.00	26.31 0.85 0.00	25.28 0.83 0.00	26.50 0.92 0.00	26.17 1.00 0.00	26.55 1.10 0.00	121.93 5.48 0.00	57.61 2.87 0.00	24.86 1.08 0.00	18.40 0.54 0.00	20.93 0.56 0.00	20.01 0.56 0.00	22.13 0.61 0.00	19.36 0.49 0.00	25.41 0.53 0.00	43.60 1.22 0.00	47.93 2.21 0.00	53.62 2.80 0.00	61.64 3.13 0.00	41.61 2.11 0.00	36.10 1.76 0.00	36.38 1.65 0.00	31.55 1.06 0.00	28.00 0.53 0.00
CAITHNESS_CC_1 323624	26.15 0.67 0.00	25.96 0.50 0.00	25.03 0.58 0.00	26.22 0.63 0.00	25.44 0.27 0.00	25.53 0.08 0.00	117.34 0.88 0.00	55.29 0.54 0.00	23.73 0.85 0.90	17.72 0.71 0.85	20.15 0.58 0.80	-6.32 0.63 26.40	-15.91 0.88 38.32	-3.92 0.74 23.53	43.90 1.58 -17.43	45.31 2.29 -0.65	47.86 2.14 0.00	52.05 1.23 0.00	59.88 1.38 0.00	41.03 1.53 0.00	36.23 1.88 0.00	36.39 1.66 0.00	41.03 2.00 -8.54	38.57 1.89 -9.20
CALPINE BETH_PAGE_GT4 24209	26.67 1.19 0.00	26.49 1.03 0.00	25.50 1.05 0.00	26.66 1.08 0.00	26.01 0.84 0.00	26.16 0.71 0.00	119.97 3.51 0.00	56.39 1.65 0.00	24.05 1.17 0.90	18.00 0.99 0.85	20.64 1.07 0.80	19.34 1.03 1.14	21.77 1.30 1.05	18.93 1.08 1.02	44.04 1.72 -17.43	45.40 2.38 -0.65	48.02 2.29 0.00	53.07 2.24 0.00	60.91 2.41 0.00	41.41 1.92 0.00	36.38 2.03 0.00	36.74 2.01 0.00	41.36 2.33 -8.54	38.80 2.13 -9.20
CALPINE_BETH_PAGE_GT_4 323586	26.67 1.19 0.00	26.50 1.03 0.00	25.49 1.05 0.00	26.66 1.08 0.00	26.00 0.84 0.00	26.16 0.71 0.00	119.98 3.52 0.00	56.40 1.66 0.00	24.05 1.17 0.90	18.00 0.99 0.85	20.65 1.07 0.80	19.34 1.04 1.14	21.78 1.31 1.05	18.93 1.08 1.02	44.04 1.73 -17.43	45.40 2.37 -0.65	48.01 2.29 0.00	53.07 2.24 0.00	60.91 2.41 0.00	41.42 1.92 0.00	36.39 2.05 0.00	36.73 2.01 0.00	41.36 2.33 -8.54	38.80 2.13 -9.20
CALPINE_BP_GT1 23823	26.67 1.19 0.00	26.50 1.03 0.00	25.49 1.05 0.00	26.66 1.08 0.00	26.00 0.84 0.00	26.16 0.71 0.00	119.98 3.52 0.00	56.40 1.66 0.00	24.05 1.17 0.90	18.00 0.99 0.85	20.65 1.07 0.80	19.34 1.04 1.14	21.78 1.31 1.05	18.93 1.08 1.02	44.04 1.73 -17.43	45.40 2.37 -0.65	48.01 2.29 0.00	53.07 2.24 0.00	60.91 2.41 0.00	41.42 1.92 0.00	36.39 2.05 0.00	36.73 2.01 0.00	41.36 2.33 -8.54	38.80 2.13 -9.20
CALSPAN___DRP 24200	25.56 0.08 0.00	25.72 0.26 0.00	24.57 0.13 0.00	25.45 -0.13 0.00	25.19 0.03 0.00	25.62 0.18 0.00	116.65 0.20 0.00	53.82 -0.93 0.00	23.63 -0.15 0.00	17.82 -0.04 0.00	20.40 0.03 0.00	19.65 0.20 0.00	21.54 0.01 0.00	18.49 -0.38 0.00	24.11 -0.77 0.00	40.47 -1.91 0.00	43.40 -2.32 0.00	47.63 -3.20 0.00	54.18 -4.32 0.00	36.57 -2.93 0.00	31.74 -2.61 0.00	32.03 -2.69 0.00	28.15 -2.33 0.00	25.57 -1.91 0.00



CALVERTON___SOLAR 323806	26.02 0.55 0.00	25.83 0.36 0.00	24.92 0.48 0.00	26.13 0.54 0.00	25.32 0.15 0.00	25.43 -0.02 0.00	117.17 0.72 0.00	55.33 0.59 0.00	23.76 0.88 0.90	17.72 0.71 0.85	20.06 0.48 0.80	-5.13 0.57 25.16	-14.15 0.81 36.48	-2.86 0.70 22.42	43.98 1.66 -17.43	45.52 2.49 -0.65	48.14 2.42 0.00	52.09 1.26 0.00	59.89 1.39 0.00	41.16 1.67 0.00	36.39 2.05 0.00	36.43 1.70 0.00	40.99 1.96 -8.54	38.53 1.86 -9.20
CANDIGU_WT_PWR 323617	25.77 0.29 0.00	25.72 0.26 0.00	24.69 0.25 0.00	25.68 0.10 0.00	25.19 0.02 0.00	25.44 0.00 0.00	117.37 0.92 0.00	54.40 -0.34 0.00	23.69 -0.09 0.00	17.80 -0.06 0.00	20.33 -0.04 0.00	19.58 0.13 0.00	21.53 0.00 0.00	18.64 -0.23 0.00	24.29 -0.59 0.00	41.19 -1.19 0.00	44.47 -1.26 0.00	48.84 -1.98 0.00	55.52 -2.98 0.00	37.12 -2.37 0.00	31.93 -2.42 0.00	32.39 -2.33 0.00	28.30 -2.18 0.00	25.54 -1.94 0.00
CARR STREET_E_SYR 24060	25.05 -0.43 0.00	25.05 -0.42 0.00	24.04 -0.40 0.00	25.12 -0.46 0.00	24.75 -0.42 0.00	25.03 -0.42 0.00	114.56 -1.90 0.00	53.76 -0.98 0.00	23.37 -0.41 0.00	17.52 -0.34 0.00	20.00 -0.37 0.00	19.11 -0.33 0.00	21.10 -0.43 0.00	18.46 -0.41 0.00	24.35 -0.53 0.00	41.63 -0.75 0.00	45.00 -0.73 0.00	50.08 -0.75 0.00	57.49 -1.02 0.00	38.79 -0.70 0.00	33.78 -0.57 0.00	34.14 -0.59 0.00	29.92 -0.57 0.00	26.95 -0.53 0.00
CARTHAGE___PAPER 23857	26.74 1.26 0.00	26.63 1.17 0.00	25.56 1.11 0.00	26.83 1.25 0.00	26.52 1.35 0.00	26.93 1.49 0.00	123.78 7.33 0.00	58.43 3.69 0.00	24.96 1.18 0.00	18.32 0.46 0.00	20.85 0.48 0.00	19.96 0.51 0.00	22.16 0.63 0.00	19.34 0.46 0.00	25.39 0.52 0.00	43.79 1.41 0.00	48.90 3.18 0.00	54.91 4.09 0.00	63.11 4.60 0.00	42.61 3.12 0.00	36.96 2.61 0.00	37.19 2.47 0.00	32.00 1.51 0.00	28.17 0.70 0.00
CASSADAGA_WT_PWR 323784	25.85 0.37 0.00	26.03 0.56 0.00	24.94 0.49 0.00	25.96 0.38 0.00	25.69 0.52 0.00	26.38 0.93 0.00	120.54 4.09 0.00	56.33 1.59 0.00	24.48 0.70 0.00	18.47 0.61 0.00	21.28 0.91 0.00	20.51 1.05 0.00	22.38 0.85 0.00	19.14 0.27 0.00	24.88 0.00 0.00	41.70 -0.67 0.00	44.48 -1.25 0.00	48.42 -2.41 0.00	53.91 -4.59 0.00	36.17 -3.33 0.00	31.38 -2.96 0.00	31.56 -3.16 0.00	23.25 -2.83 4.40	11.45 -2.24 13.78
CE_DUNWOOD___DRP 24194	26.54 1.06 0.00	26.41 0.94 0.00	25.39 0.95 0.00	26.57 0.99 0.00	26.07 0.91 0.00	26.34 0.90 0.00	121.04 4.58 0.00	56.91 2.17 0.00	24.88 1.10 0.00	18.75 0.89 0.00	21.37 0.99 0.00	20.35 0.90 0.00	22.64 1.11 0.00	19.77 0.90 0.00	26.07 1.19 -0.55	44.81 1.88 0.00	47.78 2.06 0.00	53.39 2.57 0.00	61.12 2.62 0.00	41.26 1.77 0.00	35.98 1.64 0.00	36.43 1.71 0.00	32.09 1.61 0.00	28.92 1.45 0.00
CE_MILLWOOD___DRP 24193	26.49 1.02 0.00	26.37 0.90 0.00	25.36 0.92 0.00	26.54 0.96 0.00	26.04 0.88 0.00	26.30 0.86 0.00	120.90 4.44 0.00	56.82 2.07 0.00	24.84 1.05 0.00	18.71 0.85 0.00	21.32 0.95 0.00	20.31 0.86 0.00	22.60 1.07 0.00	19.73 0.86 0.00	26.01 1.13 -0.58	44.75 1.79 0.00	47.69 1.97 0.00	53.29 2.47 0.00	61.02 2.52 0.00	41.19 1.69 0.00	35.91 1.57 0.00	36.37 1.65 0.00	32.03 1.55 0.00	28.87 1.39 0.00
CE_NYC2_DRP 24202	26.65 1.18 0.00	26.52 1.05 0.00	25.51 1.07 0.00	26.68 1.09 0.00	26.18 1.02 0.00	26.47 1.02 0.00	121.49 5.03 0.00	57.16 2.41 0.00	42.23 1.19 -17.26	35.04 0.94 -16.24	36.74 1.07 -15.30	42.35 0.97 -21.92	42.97 1.18 -20.27	39.48 0.97 -19.63	35.79 1.29 -9.62	45.05 2.09 -0.59	48.02 2.29 0.00	53.65 2.83 0.00	61.39 2.89 0.00	41.43 1.94 0.00	36.15 1.80 0.00	36.59 1.87 0.00	32.22 1.74 0.00	29.04 1.56 0.00
CE_NYC_DRP 24195	26.66 1.18 0.00	26.51 1.05 0.00	25.51 1.07 0.00	26.67 1.08 0.00	26.17 1.01 0.00	26.46 1.01 0.00	121.59 5.14 0.00	57.19 2.45 0.00	38.96 1.26 -13.92	31.97 1.02 -13.10	33.84 1.13 -12.34	38.17 1.04 -17.68	39.13 1.26 -16.34	35.74 1.03 -15.83	34.01 1.37 -7.76	45.12 2.17 -0.57	48.07 2.35 0.00	53.71 2.88 0.00	61.45 2.94 0.00	41.47 1.98 0.00	36.16 1.81 0.00	36.61 1.89 0.00	32.25 1.76 0.00	29.06 1.58 0.00
CHAFFEE___LFGE 323603	25.76 0.29 0.00	25.90 0.43 0.00	24.74 0.29 0.00	25.63 0.05 0.00	25.37 0.20 0.00	25.80 0.36 0.00	117.56 1.10 0.00	54.33 -0.41 0.00	23.85 0.07 0.00	17.97 0.11 0.00	20.58 0.21 0.00	19.82 0.36 0.00	21.72 0.19 0.00	18.65 -0.22 0.00	24.31 -0.57 0.00	40.83 -1.55 0.00	43.86 -1.87 0.00	48.18 -2.64 0.00	54.78 -3.72 0.00	36.97 -2.53 0.00	32.10 -2.25 0.00	32.42 -2.31 0.00	28.60 -2.01 -0.13	26.26 -1.63 -0.41
CHATEAUG_35_KV_LOAD 355732	26.07 0.60 0.00	26.21 0.74 0.00	25.14 0.69 0.00	26.24 0.65 0.00	25.87 0.70 0.00	26.13 0.68 0.00	118.13 1.67 0.00	56.14 1.40 0.00	24.17 0.39 0.00	18.25 0.39 0.00	20.74 0.37 0.00	19.87 0.42 0.00	22.00 0.47 0.00	19.29 0.42 0.00	25.50 0.62 0.00	43.25 0.87 0.00	46.66 0.93 0.00	51.58 0.76 0.00	59.25 0.75 0.00	39.83 0.33 0.00	34.72 0.38 0.00	34.93 0.21 0.00	30.60 0.12 0.00	27.78 0.30 0.00
CHATEAUG_WT_PWR 323614	25.99 0.52 0.00	26.12 0.65 0.00	25.07 0.63 0.00	26.16 0.58 0.00	25.79 0.62 0.00	26.05 0.60 0.00	117.72 1.27 0.00	55.87 1.13 0.00	24.09 0.31 0.00	18.25 0.39 0.00	20.75 0.38 0.00	19.89 0.44 0.00	22.02 0.49 0.00	19.30 0.43 0.00	25.51 0.63 0.00	43.24 0.86 0.00	46.57 0.84 0.00	51.52 0.70 0.00	59.11 0.60 0.00	39.74 0.24 0.00	34.67 0.33 0.00	34.88 0.16 0.00	30.54 0.06 0.00	27.73 0.25 0.00
CHAT_HIGH_FALL_HYD 323578	26.07 0.60 0.00	26.21 0.74 0.00	25.14 0.69 0.00	26.24 0.65 0.00	25.87 0.70 0.00	26.13 0.68 0.00	118.13 1.67 0.00	56.14 1.40 0.00	24.17 0.39 0.00	18.25 0.39 0.00	20.74 0.37 0.00	19.87 0.42 0.00	22.00 0.47 0.00	19.29 0.42 0.00	25.50 0.62 0.00	43.25 0.87 0.00	46.66 0.93 0.00	51.58 0.76 0.00	59.25 0.75 0.00	39.83 0.33 0.00	34.72 0.38 0.00	34.93 0.21 0.00	30.60 0.12 0.00	27.78 0.30 0.00
CHAUTAUQUA___LFGE 323629	25.65 0.17 0.00	25.83 0.36 0.00	24.68 0.24 0.00	25.61 0.03 0.00	25.36 0.19 0.00	25.95 0.50 0.00	118.21 1.75 0.00	54.60 -0.15 0.00	23.86 0.08 0.00	18.00 0.14 0.00	20.65 0.27 0.00	19.88 0.43 0.00	21.75 0.22 0.00	18.64 -0.23 0.00	24.26 -0.62 0.00	40.70 -1.68 0.00	43.61 -2.12 0.00	47.84 -2.99 0.00	54.04 -4.47 0.00	36.40 -3.10 0.00	31.57 -2.78 0.00	31.81 -2.91 0.00	26.42 -2.57 1.50	20.68 -2.11 4.69
CHERRYST_13_KV_LD 356241	26.72 1.25 0.00	26.58 1.12 0.00	25.58 1.13 0.00	26.73 1.15 0.00	26.24 1.08 0.00	26.53 1.09 0.00	121.95 5.49 0.00	57.36 2.62 0.00	39.04 1.34 -13.92	32.03 1.08 -13.10	33.92 1.21 -12.34	38.24 1.11 -17.68	39.22 1.35 -16.34	35.81 1.10 -15.83	34.10 1.46 -7.76	45.28 2.33 -0.57	48.24 2.52 0.00	53.90 3.08 0.00	61.64 3.14 0.00	41.60 2.10 0.00	36.26 1.92 0.00	36.70 1.98 0.00	32.33 1.84 0.00	29.13 1.66 0.00



CHESTROR_138KV_BK263 355645	26.38 0.90 0.00	26.27 0.80 0.00	25.26 0.81 0.00	26.45 0.86 0.00	25.95 0.78 0.00	26.22 0.77 0.00	120.53 4.08 0.00	56.57 1.83 0.00	24.67 0.89 0.00	18.57 0.71 0.00	21.15 0.78 0.00	20.15 0.70 0.00	22.41 0.88 0.00	19.57 0.69 0.00	25.79 0.90 0.00	43.25 1.46 0.59	47.40 1.68 0.00	52.97 2.14 0.00	60.68 2.18 0.00	40.95 1.46 0.00	35.68 1.34 0.00	36.14 1.42 0.00	31.80 1.31 0.00	28.66 1.19 0.00
CH_MIDHUDSON___DRP 24192	26.49 1.01 0.00	26.38 0.91 0.00	25.36 0.91 0.00	26.55 0.97 0.00	26.06 0.89 0.00	26.33 0.89 0.00	121.02 4.56 0.00	56.92 2.17 0.00	24.82 1.04 0.00	18.69 0.82 0.00	21.29 0.92 0.00	20.28 0.83 0.00	22.54 1.01 0.00	19.70 0.83 0.00	25.99 1.11 0.00	44.19 1.81 0.00	47.69 1.97 0.00	53.32 2.49 0.00	61.09 2.58 0.00	41.26 1.76 0.00	35.95 1.61 0.00	36.39 1.67 0.00	32.01 1.53 0.00	28.84 1.36 0.00
CH_MISC_IPPS 23765	26.66 1.18 0.00	26.54 1.08 0.00	25.51 1.07 0.00	26.72 1.14 0.00	26.23 1.06 0.00	26.51 1.07 0.00	121.95 5.49 0.00	57.32 2.58 0.00	24.99 1.21 0.00	18.79 0.93 0.00	21.41 1.04 0.00	20.40 0.95 0.00	22.67 1.14 0.00	19.81 0.94 0.00	26.14 1.26 0.00	44.46 2.08 0.00	48.04 2.32 0.00	53.72 2.90 0.00	61.55 3.04 0.00	41.55 2.05 0.00	36.20 1.86 0.00	36.63 1.91 0.00	32.22 1.74 0.00	29.01 1.53 0.00
CH_RES_BVR_FALLS 23983	25.48 0.00 0.00	25.47 0.01 0.00	24.42 -0.02 0.00	25.56 -0.03 0.00	25.15 -0.02 0.00	25.40 -0.05 0.00	115.86 -0.60 0.00	54.55 -0.19 0.00	23.71 -0.07 0.00	17.86 0.01 0.00	20.37 0.00 0.00	19.46 0.01 0.00	21.54 0.01 0.00	18.91 0.04 0.00	24.95 0.07 0.00	42.42 0.05 0.00	45.78 0.06 0.00	50.74 -0.08 0.00	58.47 -0.03 0.00	39.47 -0.03 0.00	34.27 -0.08 0.00	34.57 -0.16 0.00	30.29 -0.20 0.00	27.26 -0.22 0.00
CH_RES_NIAGARA 23895	24.46 -1.02 0.00	24.68 -0.78 0.00	23.57 -0.88 0.00	24.38 -1.21 0.00	24.17 -1.00 0.00	24.66 -0.78 0.00	111.57 -4.88 0.01	51.20 -3.55 0.00	22.59 -1.20 0.00	17.05 -0.81 0.00	19.47 -0.90 0.00	18.75 -0.70 0.00	20.54 -0.98 0.01	17.61 -1.25 0.00	22.96 -1.91 0.01	38.47 -3.89 0.02	41.33 -4.38 0.02	45.28 -5.53 0.02	51.51 -6.98 0.02	34.90 -4.60 0.00	30.32 -4.02 0.00	30.58 -4.13 0.01	26.96 -3.51 0.02	24.51 -2.95 0.01
CH_RES_SYRACUSE 23985	25.22 -0.26 0.00	25.21 -0.25 0.00	24.20 -0.24 0.00	25.29 -0.29 0.00	24.91 -0.25 0.00	25.25 -0.20 0.00	115.70 -0.75 0.00	54.27 -0.47 0.00	23.57 -0.21 0.00	17.67 -0.19 0.00	20.16 -0.21 0.00	19.27 -0.18 0.00	21.27 -0.26 0.00	18.61 -0.26 0.00	24.55 -0.33 0.00	41.99 -0.39 0.00	45.42 -0.31 0.00	50.55 -0.27 0.00	58.04 -0.46 0.00	39.16 -0.34 0.00	34.02 -0.33 0.00	34.38 -0.34 0.00	30.13 -0.36 0.00	27.13 -0.35 0.00
CLINTON_WT_PWR 323605	25.99 0.52 0.00	26.12 0.65 0.00	25.07 0.63 0.00	26.16 0.58 0.00	25.79 0.62 0.00	26.05 0.60 0.00	117.72 1.27 0.00	55.87 1.13 0.00	24.09 0.31 0.00	18.25 0.39 0.00	20.75 0.38 0.00	19.89 0.44 0.00	22.02 0.49 0.00	19.30 0.43 0.00	25.51 0.63 0.00	43.24 0.86 0.00	46.57 0.84 0.00	51.52 0.70 0.00	59.11 0.60 0.00	39.74 0.24 0.00	34.67 0.33 0.00	34.88 0.16 0.00	30.54 0.06 0.00	27.73 0.25 0.00
CLINTON___LFGE 323618	26.33 0.85 0.00	26.47 1.01 0.00	25.42 0.97 0.00	26.50 0.91 0.00	26.15 0.98 0.00	26.43 0.99 0.00	119.15 2.70 0.00	56.51 1.77 0.00	24.34 0.56 0.00	18.48 0.62 0.00	21.00 0.63 0.00	20.14 0.69 0.00	22.29 0.76 0.00	19.53 0.66 0.00	25.83 0.96 0.00	43.73 1.35 0.00	47.08 1.35 0.00	52.21 1.39 0.00	59.87 1.37 0.00	40.27 0.78 0.00	35.17 0.83 0.00	35.38 0.66 0.00	30.98 0.50 0.00	28.08 0.60 0.00
COBBLENY_34_KV_TB1 80064	25.76 0.29 0.00	25.90 0.43 0.00	24.74 0.29 0.00	25.63 0.05 0.00	25.37 0.20 0.00	25.80 0.35 0.00	117.56 1.10 0.00	54.33 -0.42 0.00	23.84 0.06 0.00	17.96 0.10 0.00	20.57 0.20 0.00	19.81 0.36 0.00	21.71 0.18 0.00	18.64 -0.23 0.00	24.31 -0.57 0.00	40.83 -1.55 0.00	43.86 -1.87 0.00	48.18 -2.65 0.00	54.78 -3.73 0.00	36.97 -2.53 0.00	32.11 -2.24 0.00	32.42 -2.30 0.00	28.60 -2.02 -0.13	26.26 -1.64 -0.41
COFFEEN___115KV_TB3 355620	26.63 1.15 0.00	26.50 1.04 0.00	25.43 0.98 0.00	26.71 1.12 0.00	26.38 1.22 0.00	26.81 1.36 0.00	123.28 6.82 0.00	58.24 3.50 0.00	24.87 1.09 0.00	18.24 0.38 0.00	20.77 0.40 0.00	19.91 0.46 0.00	22.27 0.75 0.00	19.38 0.51 0.00	25.36 0.48 0.00	43.58 1.20 0.00	48.77 3.04 0.00	54.85 4.03 0.00	63.03 4.53 0.00	42.59 3.09 0.00	36.94 2.60 0.00	37.17 2.45 0.00	31.97 1.48 0.00	28.11 0.63 0.00
COLDSPRG_115KV_BK1 355956	26.62 1.14 0.00	26.70 1.24 0.00	25.56 1.12 0.00	26.59 1.00 0.00	26.27 1.11 0.00	26.75 1.31 0.00	122.43 5.97 0.00	57.55 2.80 0.00	25.09 1.31 0.00	18.91 1.04 0.00	21.79 1.42 0.00	21.02 1.57 0.00	22.98 1.45 0.00	19.71 0.84 0.00	25.66 0.78 0.00	43.08 0.70 0.00	45.96 0.24 0.00	50.22 -0.60 0.00	56.45 -2.05 0.00	37.92 -1.57 0.00	32.93 -1.42 0.00	33.21 -1.52 0.00	31.33 -1.33 -2.17	33.37 -0.91 -6.80
COLONIE_LFGE___ 323577	26.08 0.60 0.00	26.10 0.64 0.00	25.08 0.63 0.00	26.30 0.72 0.00	25.84 0.68 0.00	26.07 0.63 0.00	119.25 2.80 0.00	56.30 1.56 0.00	24.41 0.63 0.00	18.20 0.34 0.00	20.85 0.47 0.00	19.86 0.40 0.00	22.02 0.49 0.00	19.39 0.53 0.00	25.66 0.78 0.00	43.78 1.41 0.00	47.05 1.33 0.00	52.75 1.92 0.00	60.67 2.16 0.00	41.00 1.50 0.00	35.66 1.32 0.00	36.06 1.34 0.00	31.67 1.18 0.00	28.52 1.04 0.00
COOPERNY_115KV_TB1 80082	26.19 0.71 0.00	26.10 0.63 0.00	25.08 0.64 0.00	26.27 0.68 0.00	25.79 0.62 0.00	26.05 0.61 0.00	119.70 3.24 0.00	56.18 1.44 0.00	24.47 0.69 0.00	18.42 0.56 0.00	20.98 0.61 0.00	20.01 0.56 0.00	22.21 0.69 0.00	19.41 0.54 0.00	25.57 0.69 0.00	43.19 1.08 0.28	46.95 1.22 0.00	52.40 1.58 0.00	60.10 1.60 0.00	40.56 1.06 0.00	35.32 0.97 0.00	35.76 1.04 0.00	31.45 0.96 0.00	28.35 0.87 0.00
COPENHAGEN_WT_PWR 323753	26.25 0.77 0.00	26.12 0.65 0.00	25.06 0.62 0.00	26.34 0.75 0.00	26.01 0.84 0.00	26.39 0.95 0.00	121.25 4.80 0.00	57.20 2.46 0.00	24.55 0.77 0.00	18.10 0.24 0.00	20.64 0.27 0.00	19.78 0.33 0.00	21.98 0.45 0.00	19.16 0.28 0.00	25.14 0.26 0.00	43.26 0.89 0.00	48.15 2.42 0.00	54.03 3.20 0.00	62.05 3.55 0.00	41.96 2.47 0.00	36.42 2.07 0.00	36.66 1.94 0.00	31.50 1.01 0.00	27.63 0.15 0.00
CORNELL_____ 23752	26.47 1.00 0.00	26.36 0.89 0.00	25.32 0.88 0.00	26.48 0.89 0.00	26.07 0.90 0.00	26.38 0.93 0.00	122.00 5.54 0.00	56.98 2.24 0.00	24.66 0.88 0.00	18.40 0.54 0.00	20.93 0.56 0.00	20.02 0.57 0.00	22.07 0.55 0.00	19.27 0.40 0.00	25.18 0.30 0.00	42.86 0.48 0.00	46.62 0.90 0.00	51.99 1.16 0.00	59.70 1.20 0.00	40.23 0.74 0.00	34.88 0.53 0.00	35.20 0.48 0.00	30.79 0.30 0.00	27.72 0.24 0.00



CORONA V_69_KV_TB1 355595	26.71 1.24 0.00	26.54 1.08 0.00	25.54 1.09 0.00	26.72 1.13 0.00	26.07 0.91 0.00	26.24 0.80 0.00	120.36 3.90 0.00	56.49 1.75 0.00	24.06 1.18 0.90	18.02 1.00 0.85	20.70 1.13 0.80	19.38 1.08 1.14	21.81 1.34 1.05	18.97 1.12 1.02	44.04 1.72 -17.43	45.56 2.54 -0.65	48.24 2.51 0.00	53.43 2.60 0.00	61.28 2.77 0.00	41.62 2.13 0.00	36.54 2.20 0.00	36.92 2.20 0.00	41.34 2.31 -8.54	38.78 2.10 -9.20
CORTLAND_115KV_TB3 80093	26.20 0.72 0.00	26.10 0.63 0.00	25.07 0.62 0.00	26.22 0.63 0.00	25.80 0.64 0.00	26.09 0.65 0.00	120.58 4.12 0.00	56.31 1.57 0.00	24.40 0.62 0.00	18.27 0.41 0.00	20.81 0.43 0.00	19.91 0.46 0.00	21.97 0.44 0.00	19.19 0.32 0.00	25.07 0.19 0.00	42.60 0.23 0.00	46.20 0.48 0.00	51.50 0.67 0.00	59.14 0.64 0.00	39.87 0.37 0.00	34.59 0.24 0.00	34.95 0.23 0.00	30.60 0.11 0.00	27.54 0.06 0.00
COXSACKIE__GT 23611	26.69 1.21 0.00	26.71 1.25 0.00	25.66 1.22 0.00	26.92 1.34 0.00	26.49 1.33 0.00	26.82 1.38 0.00	123.21 6.75 0.00	58.29 3.55 0.00	24.93 1.15 0.00	18.34 0.48 0.00	20.94 0.57 0.00	19.90 0.45 0.00	22.02 0.49 0.00	19.38 0.51 0.00	25.67 0.79 0.00	44.34 1.96 0.00	48.37 2.64 0.00	54.51 3.68 0.00	62.74 4.23 0.00	42.27 2.77 0.00	36.66 2.31 0.00	36.94 2.22 0.00	32.34 1.86 0.00	29.06 1.58 0.00
CPV_VALLEY__CC1 323721	26.24 0.76 0.00	26.13 0.66 0.00	25.12 0.67 0.00	26.31 0.72 0.00	25.82 0.65 0.00	26.08 0.63 0.00	119.83 3.38 0.00	56.27 1.53 0.00	24.54 0.76 0.00	18.49 0.63 0.00	21.06 0.69 0.00	20.07 0.62 0.00	22.31 0.78 0.00	19.49 0.62 0.00	25.67 0.79 0.00	43.22 1.23 0.39	47.12 1.40 0.00	52.64 1.81 0.00	60.31 1.80 0.00	40.71 1.21 0.00	35.46 1.12 0.00	35.92 1.20 0.00	31.60 1.12 0.00	28.49 1.01 0.00
CPV_VALLEY__CC2 323722	26.24 0.76 0.00	26.13 0.66 0.00	25.12 0.67 0.00	26.31 0.72 0.00	25.82 0.65 0.00	26.08 0.63 0.00	119.83 3.38 0.00	56.27 1.53 0.00	24.54 0.76 0.00	18.49 0.63 0.00	21.06 0.69 0.00	20.07 0.62 0.00	22.31 0.78 0.00	19.49 0.62 0.00	25.67 0.79 0.00	43.22 1.23 0.00	47.12 1.40 0.00	52.64 1.81 0.00	60.31 1.80 0.00	40.71 1.21 0.00	35.46 1.12 0.00	35.92 1.20 0.00	31.60 1.12 0.00	28.49 1.01 0.00
CRESCENT__HYD 24018	26.08 0.60 0.00	26.10 0.64 0.00	25.08 0.63 0.00	26.30 0.72 0.00	25.84 0.68 0.00	26.07 0.63 0.00	119.25 2.80 0.00	56.30 1.56 0.00	24.41 0.63 0.00	18.20 0.34 0.00	20.85 0.47 0.00	19.86 0.40 0.00	22.02 0.49 0.00	19.39 0.53 0.00	25.66 0.78 0.00	43.78 1.41 0.00	47.05 1.33 0.00	52.75 1.92 0.00	60.67 2.16 0.00	41.00 1.50 0.00	35.66 1.32 0.00	36.06 1.34 0.00	31.67 1.18 0.00	28.52 1.04 0.00
CRICKET__VALLEY_CC1 323756	26.20 0.72 0.00	26.09 0.62 0.00	25.09 0.64 0.00	26.27 0.68 0.00	25.77 0.61 0.00	26.04 0.59 0.00	119.53 3.08 0.00	56.23 1.48 0.00	24.56 0.78 0.00	18.50 0.64 0.00	21.11 0.74 0.00	20.11 0.66 0.00	22.34 0.81 0.00	19.52 0.64 0.00	25.73 0.85 0.00	43.90 1.32 -0.21	47.16 1.44 0.00	52.70 1.87 0.00	60.37 1.87 0.00	40.77 1.27 0.00	35.54 1.20 0.00	35.99 1.27 0.00	31.68 1.19 0.00	28.55 1.07 0.00
CRICKET__VALLEY_CC2 323757	26.20 0.72 0.00	26.09 0.62 0.00	25.09 0.64 0.00	26.27 0.68 0.00	25.77 0.61 0.00	26.04 0.59 0.00	119.53 3.08 0.00	56.23 1.48 0.00	24.56 0.78 0.00	18.50 0.64 0.00	21.11 0.74 0.00	20.11 0.66 0.00	22.34 0.81 0.00	19.52 0.64 0.00	25.73 0.85 0.00	43.90 1.32 -0.21	47.16 1.44 0.00	52.70 1.87 0.00	60.37 1.87 0.00	40.77 1.27 0.00	35.54 1.20 0.00	35.99 1.27 0.00	31.68 1.19 0.00	28.55 1.07 0.00
CRICKET__VALLEY_CC3 323758	26.20 0.72 0.00	26.09 0.62 0.00	25.09 0.64 0.00	26.27 0.68 0.00	25.77 0.61 0.00	26.04 0.59 0.00	119.53 3.08 0.00	56.23 1.48 0.00	24.56 0.78 0.00	18.50 0.64 0.00	21.11 0.74 0.00	20.11 0.66 0.00	22.34 0.81 0.00	19.52 0.64 0.00	25.73 0.85 0.00	43.90 1.32 -0.21	47.16 1.44 0.00	52.70 1.87 0.00	60.37 1.87 0.00	40.77 1.27 0.00	35.54 1.20 0.00	35.99 1.27 0.00	31.68 1.19 0.00	28.55 1.07 0.00
CRUCIBLE_METL_DRP 24180	25.22 -0.26 0.00	25.21 -0.25 0.00	24.20 -0.24 0.00	25.29 -0.29 0.00	24.91 -0.25 0.00	25.25 -0.20 0.00	115.70 -0.75 0.00	54.27 -0.47 0.00	23.57 -0.21 0.00	17.67 -0.19 0.00	20.15 -0.22 0.00	19.27 -0.18 0.00	21.27 -0.26 0.00	18.61 -0.26 0.00	24.55 -0.33 0.00	41.99 -0.39 0.00	45.41 -0.31 0.00	50.55 -0.28 0.00	58.04 -0.46 0.00	39.16 -0.33 0.00	34.02 -0.33 0.00	34.38 -0.34 0.00	30.13 -0.36 0.00	27.13 -0.35 0.00
DAHOWA__HYDRO 323763	26.48 1.00 0.00	26.52 1.05 0.00	25.49 1.04 0.00	26.72 1.14 0.00	26.29 1.13 0.00	26.58 1.14 0.00	122.01 5.55 0.00	57.54 2.79 0.00	24.78 1.00 0.00	18.38 0.52 0.00	20.99 0.62 0.00	19.96 0.51 0.00	22.13 0.60 0.00	19.50 0.63 0.00	25.86 0.98 0.00	44.27 1.89 0.00	47.81 2.08 0.00	53.67 2.85 0.00	61.78 3.28 0.00	41.74 2.25 0.00	36.19 1.85 0.00	36.58 1.86 0.00	32.21 1.73 0.00	28.98 1.50 0.00
DANC__LFGE 323619	25.74 0.26 0.00	25.65 0.18 0.00	24.62 0.17 0.00	25.82 0.24 0.00	25.45 0.29 0.00	25.82 0.37 0.00	118.42 1.96 0.00	55.95 1.21 0.00	24.12 0.34 0.00	17.86 0.00 0.00	20.39 0.01 0.00	19.51 0.05 0.00	21.54 0.02 0.00	18.81 -0.07 0.00	24.73 -0.15 0.00	42.58 0.20 0.00	46.95 1.22 0.00	52.58 1.76 0.00	60.38 1.88 0.00	40.81 1.32 0.00	35.46 1.11 0.00	35.76 1.03 0.00	30.93 0.45 0.00	27.38 -0.10 0.00
DANSKAMMER__1 23586	26.66 1.18 0.00	26.54 1.08 0.00	25.51 1.07 0.00	26.72 1.14 0.00	26.23 1.06 0.00	26.51 1.07 0.00	121.95 5.49 0.00	57.32 2.58 0.00	24.99 1.21 0.00	18.79 0.93 0.00	21.41 1.04 0.00	20.40 0.95 0.00	22.67 1.14 0.00	19.81 0.94 0.00	26.14 1.26 0.00	44.46 2.08 0.00	48.04 2.32 0.00	53.72 2.90 0.00	61.55 3.04 0.00	41.55 2.05 0.00	36.20 1.86 0.00	36.63 1.91 0.00	32.22 1.74 0.00	29.01 1.53 0.00
DANSKAMMER__2 23589	26.66 1.18 0.00	26.54 1.08 0.00	25.51 1.07 0.00	26.72 1.14 0.00	26.23 1.06 0.00	26.51 1.07 0.00	121.95 5.49 0.00	57.32 2.58 0.00	24.99 1.21 0.00	18.79 0.93 0.00	21.41 1.04 0.00	20.40 0.95 0.00	22.67 1.14 0.00	19.81 0.94 0.00	26.14 1.26 0.00	44.46 2.08 0.00	48.04 2.32 0.00	53.72 2.90 0.00	61.55 3.04 0.00	41.55 2.05 0.00	36.20 1.86 0.00	36.63 1.91 0.00	32.22 1.74 0.00	29.01 1.53 0.00
DANSKAMMER__3 23590	26.66 1.18 0.00	26.54 1.08 0.00	25.51 1.07 0.00	26.72 1.14 0.00	26.23 1.06 0.00	26.51 1.07 0.00	121.95 5.49 0.00	57.32 2.58 0.00	24.99 1.21 0.00	18.79 0.93 0.00	21.41 1.04 0.00	20.40 0.95 0.00	22.67 1.14 0.00	19.81 0.94 0.00	26.14 1.26 0.00	44.46 2.08 0.00	48.04 2.32 0.00	53.72 2.90 0.00	61.55 3.04 0.00	41.55 2.05 0.00	36.20 1.86 0.00	36.63 1.91 0.00	32.22 1.74 0.00	29.01 1.53 0.00



DANSKAMMER___4 23591	26.66 1.18 0.00	26.54 1.08 0.00	25.51 1.07 0.00	26.72 1.14 0.00	26.23 1.06 0.00	26.51 1.07 0.00	121.95 5.49 0.00	57.32 2.58 0.00	24.99 1.21 0.00	18.79 0.93 0.00	21.41 1.04 0.00	20.40 0.95 0.00	22.67 1.14 0.00	19.81 0.94 0.00	26.14 1.26 0.00	44.46 2.08 0.00	48.04 2.32 0.00	53.72 2.90 0.00	61.55 3.04 0.00	41.55 2.05 0.00	36.20 1.86 0.00	36.63 1.91 0.00	32.22 1.74 0.00	29.01 1.53 0.00
DANSKAMMER___DIESEL 23592	26.66 1.18 0.00	26.54 1.08 0.00	25.52 1.07 0.00	26.72 1.14 0.00	26.23 1.06 0.00	26.51 1.07 0.00	121.94 5.48 0.00	57.32 2.58 0.00	24.99 1.21 0.00	18.80 0.93 0.00	21.41 1.04 0.00	20.40 0.95 0.00	22.67 1.14 0.00	19.81 0.94 0.00	26.13 1.25 0.00	44.46 2.08 0.00	48.05 2.32 0.00	53.73 2.90 0.00	61.55 3.05 0.00	41.54 2.05 0.00	36.19 1.85 0.00	36.63 1.91 0.00	32.22 1.74 0.00	29.02 1.54 0.00
DARBY___SOLAR 323810	26.38 0.90 0.00	26.41 0.95 0.00	25.38 0.94 0.00	26.61 1.03 0.00	26.18 1.01 0.00	26.46 1.01 0.00	121.35 4.89 0.00	57.22 2.48 0.00	24.67 0.89 0.00	18.31 0.45 0.00	20.90 0.53 0.00	19.88 0.43 0.00	22.04 0.52 0.00	19.43 0.56 0.00	25.75 0.87 0.00	44.08 1.70 0.00	47.59 1.87 0.00	53.40 2.58 0.00	61.46 2.95 0.00	41.52 2.03 0.00	36.02 1.68 0.00	36.41 1.69 0.00	32.05 1.56 0.00	28.84 1.37 0.00
DASHVILLE___HYD 23610	26.18 0.70 0.00	26.08 0.62 0.00	25.07 0.63 0.00	26.27 0.69 0.00	25.78 0.61 0.00	26.05 0.60 0.00	119.63 3.17 0.00	56.25 1.51 0.00	24.56 0.78 0.00	18.50 0.64 0.00	21.05 0.68 0.00	20.07 0.62 0.00	22.28 0.76 0.00	19.48 0.61 0.00	25.69 0.81 0.00	43.67 1.29 0.00	47.13 1.40 0.00	52.67 1.84 0.00	60.35 1.85 0.00	40.77 1.28 0.00	35.53 1.18 0.00	35.98 1.25 0.00	31.62 1.14 0.00	28.48 1.01 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	25.77 0.29 0.00	25.58 0.11 0.00	24.69 0.25 0.00	25.92 0.33 0.00	25.10 -0.06 0.00	25.23 -0.22 0.00	117.24 0.79 0.00	56.16 1.41 0.00	24.12 1.24 0.90	17.98 0.97 0.85	20.31 0.73 0.80	-6.07 0.80 26.32	-15.62 1.06 38.20	-3.66 0.93 23.46	44.34 2.03 -17.43	46.20 3.18 -0.65	48.94 3.21 0.00	52.87 2.04 0.00	60.60 2.09 0.00	41.79 2.29 0.00	36.92 2.58 0.00	36.43 1.71 0.00	40.91 1.88 -8.54	38.45 1.77 -9.20
DELAWARE___LFGE 323621	26.35 0.87 0.00	26.27 0.80 0.00	25.25 0.80 0.00	26.45 0.87 0.00	26.00 0.83 0.00	26.30 0.85 0.00	120.98 4.53 0.00	56.66 1.92 0.00	24.61 0.83 0.00	18.51 0.65 0.00	21.10 0.73 0.00	20.16 0.71 0.00	22.31 0.79 0.00	19.49 0.62 0.00	25.62 0.74 0.00	43.59 1.21 0.00	47.02 1.29 0.00	52.39 1.57 0.00	60.16 1.65 0.00	40.59 1.09 0.00	35.28 0.93 0.00	35.65 0.93 0.00	31.28 0.79 0.00	28.18 0.71 0.00
DERFIELD_115KV_TB7 355931	25.51 0.04 0.00	25.49 0.03 0.00	24.48 0.03 0.00	25.63 0.05 0.00	25.20 0.04 0.00	25.49 0.04 0.00	116.78 0.33 0.00	54.86 0.12 0.00	23.83 0.05 0.00	17.87 0.01 0.00	20.39 0.02 0.00	19.47 0.02 0.00	21.55 0.02 0.00	18.89 0.02 0.00	24.90 0.03 0.00	42.46 0.08 0.00	45.82 0.10 0.00	51.03 0.20 0.00	58.69 0.19 0.00	39.65 0.15 0.00	34.45 0.10 0.00	34.83 0.10 0.00	30.58 0.09 0.00	27.54 0.06 0.00
DOGLEVILLE___HYD 23807	25.55 0.07 0.00	25.52 0.06 0.00	24.52 0.07 0.00	25.72 0.13 0.00	25.31 0.15 0.00	25.60 0.16 0.00	118.12 1.66 0.00	55.52 0.78 0.00	23.70 -0.08 0.00	17.47 -0.39 0.00	19.96 -0.41 0.00	19.02 -0.43 0.00	21.07 -0.46 0.00	18.55 -0.32 0.00	24.50 -0.38 0.00	42.45 0.07 0.00	46.04 0.31 0.00	51.87 1.04 0.00	59.51 1.01 0.00	40.09 0.59 0.00	34.61 0.27 0.00	35.02 0.30 0.00	30.76 0.28 0.00	27.70 0.22 0.00
DUNKIRK___115KV_TB_200 55889	25.63 0.15 0.00	25.80 0.34 0.00	24.66 0.21 0.00	25.58 -0.01 0.00	25.33 0.17 0.00	25.88 0.43 0.00	117.88 1.42 0.00	54.37 -0.37 0.00	23.78 0.00 0.00	17.94 0.08 0.00	20.56 0.19 0.00	19.80 0.35 0.00	21.66 0.14 0.00	18.57 -0.30 0.00	24.18 -0.70 0.00	40.60 -1.78 0.00	43.52 -2.21 0.00	47.76 -3.07 0.00	54.06 -4.44 0.00	36.42 -3.08 0.00	31.60 -2.74 0.00	31.84 -2.89 0.00	26.74 -2.53 1.22	21.58 -2.08 3.81
DUNKIRK___1 23563	25.63 0.15 0.00	25.80 0.34 0.00	24.66 0.21 0.00	25.58 -0.01 0.00	25.33 0.17 0.00	25.88 0.43 0.00	117.88 1.42 0.00	54.37 -0.37 0.00	23.78 0.00 0.00	17.94 0.08 0.00	20.56 0.19 0.00	19.80 0.35 0.00	21.66 0.14 0.00	18.57 -0.30 0.00	24.18 -0.70 0.00	40.60 -1.78 0.00	43.52 -2.21 0.00	47.76 -3.07 0.00	54.06 -4.44 0.00	36.42 -3.08 0.00	31.60 -2.74 0.00	31.84 -2.89 0.00	26.74 -2.53 1.22	21.58 -2.08 3.81
DUNKIRK___2 23564	25.63 0.15 0.00	25.80 0.34 0.00	24.66 0.21 0.00	25.58 -0.01 0.00	25.33 0.17 0.00	25.88 0.43 0.00	117.88 1.42 0.00	54.37 -0.37 0.00	23.78 0.00 0.00	17.94 0.08 0.00	20.56 0.19 0.00	19.80 0.35 0.00	21.66 0.14 0.00	18.57 -0.30 0.00	24.18 -0.70 0.00	40.60 -1.78 0.00	43.52 -2.21 0.00	47.76 -3.07 0.00	54.06 -4.44 0.00	36.42 -3.08 0.00	31.60 -2.74 0.00	31.84 -2.89 0.00	26.74 -2.53 1.22	21.58 -2.08 3.81
DUNKIRK___3 23565	25.61 0.13 0.00	25.77 0.30 0.00	24.63 0.18 0.00	25.54 -0.04 0.00	25.29 0.12 0.00	25.80 0.35 0.00	117.50 1.05 0.00	54.22 -0.52 0.00	23.72 -0.06 0.00	17.90 0.04 0.00	20.52 0.15 0.00	19.76 0.32 0.00	21.64 0.11 0.00	18.56 -0.32 0.00	24.17 -0.71 0.00	40.57 -1.81 0.00	43.50 -2.23 0.00	47.74 -3.08 0.00	54.10 -4.40 0.00	36.46 -3.03 0.00	31.64 -2.71 0.00	31.90 -2.83 0.00	27.33 -2.46 0.69	23.29 -2.03 2.16
DUNKIRK___4 23566	25.61 0.13 0.00	25.77 0.30 0.00	24.63 0.18 0.00	25.54 -0.04 0.00	25.29 0.12 0.00	25.80 0.35 0.00	117.50 1.05 0.00	54.22 -0.52 0.00	23.72 -0.06 0.00	17.90 0.04 0.00	20.52 0.15 0.00	19.76 0.32 0.00	21.64 0.11 0.00	18.56 -0.32 0.00	24.17 -0.71 0.00	40.57 -1.81 0.00	43.50 -2.23 0.00	47.74 -3.08 0.00	54.10 -4.40 0.00	36.46 -3.03 0.00	31.64 -2.71 0.00	31.90 -2.83 0.00	27.33 -2.46 0.69	23.29 -2.03 2.16
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	26.59 1.11 0.00	26.45 0.98 0.00	25.44 1.00 0.00	26.62 1.03 0.00	26.11 0.95 0.00	26.38 0.94 0.00	121.25 4.80 0.00	57.01 2.27 0.00	24.94 1.16 0.00	18.80 0.94 0.00	21.42 1.05 0.00	20.41 0.96 0.00	22.70 1.17 0.00	19.82 0.95 0.00	26.14 1.26 0.00	44.88 1.99 -0.52	47.89 2.17 0.00	53.50 2.67 0.00	61.26 2.75 0.00	41.35 1.85 0.00	36.06 1.72 0.00	36.52 1.80 0.00	32.16 1.68 0.00	28.99 1.51 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	26.51 1.03 0.00	26.39 0.93 0.00	25.37 0.93 0.00	26.57 0.99 0.00	26.07 0.91 0.00	26.36 0.91 0.00	121.14 4.69 0.00	56.93 2.18 0.00	24.82 1.04 0.00	18.68 0.81 0.00	21.27 0.90 0.00	20.26 0.81 0.00	22.52 0.99 0.00	19.68 0.81 0.00	25.94 1.06 0.20	43.92 1.75 0.00	47.70 1.98 0.00	53.33 2.50 0.00	61.09 2.59 0.00	41.23 1.73 0.00	35.92 1.58 0.00	36.38 1.66 0.00	31.99 1.51 0.00	28.83 1.35 0.00



E179THST_138_KV_TB4_REV_LBMP_J 345001	26.59 1.11 0.00	26.45 0.98 0.00	25.43 0.99 0.00	26.61 1.03 0.00	26.12 0.95 0.00	26.40 0.96 0.00	121.17 4.72 0.00	57.07 2.33 0.00	40.05 1.04 -15.24	33.65 0.81 -14.98	34.30 0.92 -13.00	38.91 0.82 -18.63	39.77 1.03 -17.22	36.90 0.83 -17.19	34.20 1.13 -8.19	44.81 1.85 -0.59	47.81 2.08 0.00	53.45 2.62 0.00	61.17 2.67 0.00	41.27 1.78 0.00	35.99 1.65 0.00	36.43 1.71 0.00	32.10 1.62 0.00	28.91 1.43 0.00
E179THST_13_KV_LOAD 356214	26.70 1.22 0.00	26.56 1.09 0.00	25.53 1.08 0.00	26.71 1.12 0.00	26.21 1.05 0.00	26.50 1.06 0.00	121.66 5.20 0.00	57.34 2.60 0.00	40.17 1.14 -15.24	33.75 0.90 -14.98	34.41 1.03 -13.00	39.01 0.93 -18.63	39.88 1.13 -17.22	36.99 0.93 -17.19	34.32 1.25 -8.19	45.02 2.06 -0.59	48.05 2.32 0.00	53.71 2.89 0.00	61.48 2.97 0.00	41.48 1.98 0.00	36.17 1.82 0.00	36.60 1.88 0.00	32.25 1.77 0.00	29.04 1.55 0.00
EAST HAMPTON___GT 23717	25.29 -0.18 0.00	25.09 -0.37 0.00	24.24 -0.20 0.00	25.45 -0.14 0.00	24.66 -0.51 0.00	24.78 -0.66 0.00	116.39 -0.06 0.00	56.89 2.14 0.00	24.42 1.54 0.90	18.19 1.18 0.85	20.54 0.96 0.80	-6.09 1.01 26.55	-15.73 1.28 38.54	-3.66 1.13 23.66	44.62 2.31 -17.43	46.71 3.68 -0.65	49.55 3.82 0.00	53.57 2.75 0.00	61.15 2.65 0.00	42.31 2.81 0.00	37.37 3.02 0.00	36.18 1.45 0.00	40.58 1.55 -8.54	38.14 1.46 -9.20
EAST RIVER___6 23660	26.69 1.21 0.00	26.54 1.08 0.00	25.54 1.10 0.00	26.70 1.11 0.00	26.20 1.04 0.00	26.50 1.06 0.00	121.71 5.25 0.00	57.24 2.49 0.00	38.99 1.29 -13.92	32.00 1.04 -13.10	33.88 1.17 -12.34	38.21 1.08 -17.68	39.17 1.30 -16.34	35.77 1.07 -15.83	34.06 1.42 -7.76	45.18 2.24 -0.57	48.15 2.43 0.00	53.78 2.96 0.00	61.47 2.97 0.00	41.50 2.01 0.00	36.19 1.85 0.00	36.63 1.91 0.00	32.25 1.77 0.00	29.06 1.58 0.00
EAST RIVER___7 23524	26.69 1.21 0.00	26.54 1.08 0.00	25.54 1.10 0.00	26.70 1.11 0.00	26.20 1.04 0.00	26.50 1.06 0.00	121.71 5.25 0.00	57.24 2.49 0.00	38.99 1.29 -13.92	32.00 1.04 -13.10	33.88 1.17 -12.34	38.21 1.08 -17.68	39.17 1.30 -16.34	35.77 1.07 -15.83	34.06 1.42 -7.76	45.18 2.24 -0.57	48.15 2.43 0.00	53.78 2.96 0.00	61.47 2.97 0.00	41.50 2.01 0.00	36.19 1.85 0.00	36.63 1.91 0.00	32.25 1.77 0.00	29.06 1.58 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	26.54 1.06 0.00	26.41 0.94 0.00	25.39 0.95 0.00	26.57 0.99 0.00	26.07 0.91 0.00	26.34 0.90 0.00	121.04 4.58 0.00	56.91 2.17 0.00	24.88 1.10 0.00	18.75 0.89 0.00	21.37 0.99 0.00	20.35 0.90 0.00	22.64 1.11 0.00	19.77 0.90 0.00	26.07 1.19 0.00	44.81 1.88 -0.55	47.78 2.06 0.00	53.39 2.57 0.00	61.12 2.62 0.00	41.26 1.77 0.00	35.98 1.64 0.00	36.43 1.71 0.00	32.09 1.61 0.00	28.92 1.45 0.00
EAST_HAMPTON___DIESEL 23722	25.21 -0.27 0.00	25.01 -0.45 0.00	24.15 -0.29 0.00	25.36 -0.23 0.00	24.57 -0.59 0.00	24.70 -0.75 0.00	116.16 -0.30 0.00	56.89 2.15 0.00	24.42 1.54 0.90	18.19 1.18 0.85	20.54 0.97 0.80	-6.07 1.02 26.54	-15.70 1.29 38.52	-3.65 1.13 23.66	44.63 2.31 -17.43	46.71 3.69 -0.65	49.56 3.84 0.00	53.58 2.76 0.00	61.14 2.64 0.00	42.33 2.83 0.00	37.38 3.04 0.00	36.10 1.38 0.00	40.51 1.48 -8.54	38.07 1.39 -9.20
EAST_POINT___SOLAR 323840	27.49 2.01 0.00	27.43 1.97 0.00	26.31 1.86 0.00	27.53 1.94 0.00	27.15 1.98 0.00	27.62 2.18 0.00	127.08 10.62 0.00	59.37 4.63 0.00	24.72 0.94 0.00	18.18 0.32 0.00	20.71 0.34 0.00	19.85 0.40 0.00	21.94 0.41 0.00	19.08 0.21 0.00	25.27 0.39 0.00	44.52 2.14 0.00	49.33 3.61 0.00	55.15 4.32 0.00	63.39 4.88 0.00	42.66 3.17 0.00	36.92 2.58 0.00	37.28 2.56 0.00	32.64 2.16 0.00	29.31 1.84 0.00
EAST_PULASKI___ESR 323781	25.24 -0.23 0.00	25.21 -0.25 0.00	24.21 -0.24 0.00	25.33 -0.25 0.00	24.93 -0.23 0.00	25.29 -0.16 0.00	115.75 -0.71 0.00	54.68 -0.06 0.00	23.67 -0.11 0.00	17.63 -0.23 0.00	20.12 -0.25 0.00	19.23 -0.22 0.00	21.15 -0.37 0.00	18.49 -0.38 0.00	24.33 -0.55 0.00	41.82 -0.56 0.00	45.64 -0.08 0.00	51.01 0.19 0.00	58.58 0.08 0.00	39.56 0.07 0.00	34.42 0.08 0.00	34.81 0.09 0.00	30.34 -0.14 0.00	27.11 -0.37 0.00
EAST_RIVER___1 323558	26.65 1.18 0.00	26.52 1.05 0.00	25.51 1.07 0.00	26.67 1.08 0.00	26.17 1.01 0.00	26.46 1.01 0.00	121.60 5.14 0.00	57.18 2.44 0.00	38.96 1.26 -13.92	31.97 1.02 -13.10	33.85 1.13 -12.34	38.18 1.05 -17.68	39.14 1.27 -16.34	35.74 1.03 -15.83	34.01 1.38 -7.76	45.12 2.17 -0.57	48.07 2.35 0.00	53.70 2.88 0.00	61.45 2.94 0.00	41.47 1.98 0.00	36.16 1.82 0.00	36.61 1.89 0.00	32.24 1.76 0.00	29.06 1.58 0.00
EAST_RIVER___2 323559	26.69 1.21 0.00	26.54 1.08 0.00	25.54 1.10 0.00	26.70 1.11 0.00	26.20 1.04 0.00	26.50 1.06 0.00	121.71 5.25 0.00	57.24 2.49 0.00	38.99 1.29 -13.92	32.00 1.04 -13.10	33.88 1.17 -12.34	38.21 1.08 -17.68	39.17 1.30 -16.34	35.77 1.07 -15.83	34.06 1.42 -7.76	45.18 2.24 -0.57	48.15 2.43 0.00	53.78 2.96 0.00	61.47 2.97 0.00	41.50 2.01 0.00	36.19 1.85 0.00	36.63 1.91 0.00	32.25 1.77 0.00	29.06 1.58 0.00
EAST___DELAWARE_HYD 23607	26.79 1.31 0.00	26.67 1.21 0.00	25.64 1.19 0.00	26.85 1.27 0.00	26.36 1.20 0.00	26.68 1.23 0.00	122.76 6.31 0.00	57.67 2.93 0.00	25.06 1.28 0.00	18.81 0.95 0.00	21.34 0.97 0.00	20.31 0.86 0.00	22.61 1.08 0.00	19.76 0.89 0.00	26.09 1.21 0.00	44.36 2.14 0.16	48.26 2.54 0.00	54.00 3.18 0.00	61.89 3.39 0.00	41.77 2.28 0.00	36.39 2.05 0.00	36.81 2.09 0.00	32.34 1.85 0.00	29.12 1.65 0.00
EIGHT_POINT___WT_PWR 323820	25.78 0.30 0.00	25.83 0.36 0.00	24.86 0.41 0.00	25.86 0.28 0.00	25.25 0.08 0.00	25.51 0.07 0.00	117.65 1.19 0.00	54.66 -0.08 0.00	23.91 0.13 0.00	17.90 0.04 0.00	20.37 -0.01 0.00	19.63 0.18 0.00	21.61 0.08 0.00	18.67 -0.20 0.00	24.29 -0.59 0.00	41.24 -1.14 0.00	44.75 -0.97 0.00	48.71 -2.12 0.00	55.12 -3.38 0.00	36.62 -2.87 0.00	31.40 -2.94 0.00	31.88 -2.84 0.00	28.00 -2.68 -0.20	25.63 -2.46 -0.61
ELBRIDGE_115KV_TB2 80188	25.08 -0.40 0.00	25.08 -0.39 0.00	24.06 -0.38 0.00	25.15 -0.43 0.00	24.78 -0.39 0.00	25.10 -0.35 0.00	115.01 -1.44 0.00	53.96 -0.79 0.00	23.45 -0.33 0.00	17.57 -0.29 0.00	20.04 -0.33 0.00	19.15 -0.30 0.00	21.14 -0.39 0.00	18.50 -0.38 0.00	24.41 -0.47 0.00	41.76 -0.62 0.00	45.16 -0.56 0.00	50.27 -0.56 0.00	57.72 -0.78 0.00	38.93 -0.56 0.00	33.81 -0.53 0.00	34.18 -0.55 0.00	29.95 -0.53 0.00	26.98 -0.49 0.00
ELEC_TRO_TEK 24086	26.61 1.13 0.00	26.44 0.97 0.00	25.44 1.00 0.00	26.61 1.03 0.00	25.97 0.81 0.00	26.14 0.70 0.00	119.92 3.46 0.00	56.33 1.59 0.00	23.98 1.10 0.90	17.95 0.94 0.85	20.61 1.04 0.80	19.30 0.99 1.14	21.72 1.25 1.05	18.89 1.04 1.02	43.94 1.62 -17.43	45.39 2.36 -0.65	48.04 2.31 0.00	53.16 2.34 0.00	60.99 2.48 0.00	41.43 1.93 0.00	36.35 2.01 0.00	36.72 2.00 0.00	41.19 2.17 -8.54	38.64 1.97 -9.20



ELLENBURG_WT_PWR 323604	25.99 0.52 0.00	26.12 0.65 0.00	25.07 0.63 0.00	26.16 0.58 0.00	25.79 0.62 0.00	26.05 0.60 0.00	117.72 1.27 0.00	55.87 1.13 0.00	24.09 0.31 0.00	18.25 0.39 0.00	20.75 0.38 0.00	19.89 0.44 0.00	22.02 0.49 0.00	19.30 0.43 0.00	25.51 0.63 0.00	43.24 0.86 0.00	46.57 0.84 0.00	51.52 0.70 0.00	59.11 0.60 0.00	39.74 0.24 0.00	34.67 0.33 0.00	34.88 0.16 0.00	30.54 0.06 0.00	27.73 0.25 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	25.31 -0.17 0.00	25.49 0.02 0.00	24.35 -0.09 0.00	25.22 -0.37 0.00	24.96 -0.20 0.00	25.41 -0.04 0.00	115.49 -0.96 0.00	53.28 -1.46 0.00	23.41 -0.37 0.00	17.66 -0.20 0.00	20.21 -0.16 0.00	19.47 0.02 0.00	21.34 -0.19 0.00	18.31 -0.56 0.00	23.88 -1.00 0.00	40.06 -2.32 0.00	43.00 -2.73 0.00	47.18 -3.65 0.00	53.65 -4.85 0.00	36.23 -3.26 0.00	31.45 -2.89 0.00	31.73 -2.99 0.00	27.77 -2.57 0.15	24.89 -2.12 0.47
EMPIRE_CC_1 323656	25.83 0.36 0.00	25.87 0.41 0.00	24.86 0.41 0.00	26.08 0.50 0.00	25.60 0.44 0.00	25.78 0.34 0.00	117.95 1.49 0.00	55.95 1.21 0.00	24.31 0.53 0.00	18.16 0.30 0.00	20.83 0.46 0.00	19.83 0.37 0.00	22.00 0.47 0.00	19.36 0.48 0.00	25.59 0.71 0.00	43.63 1.17 -0.09	46.74 1.02 0.00	52.45 1.62 0.00	60.27 1.77 0.00	40.74 1.25 0.00	35.45 1.11 0.00	35.87 1.14 0.00	31.50 1.02 0.00	28.38 0.91 0.00
EMPIRE_CC_2 323658	25.83 0.36 0.00	25.87 0.41 0.00	24.86 0.41 0.00	26.08 0.50 0.00	25.60 0.44 0.00	25.78 0.34 0.00	117.95 1.49 0.00	55.95 1.21 0.00	24.31 0.53 0.00	18.16 0.30 0.00	20.83 0.46 0.00	19.83 0.37 0.00	22.00 0.47 0.00	19.36 0.48 0.00	25.59 0.71 0.00	43.63 1.17 -0.09	46.74 1.02 0.00	52.45 1.62 0.00	60.27 1.77 0.00	40.74 1.25 0.00	35.45 1.11 0.00	35.87 1.14 0.00	31.50 1.02 0.00	28.38 0.91 0.00
ENORWICH_115KV_TB1 80156	27.35 1.88 0.00	27.26 1.80 0.00	26.27 1.83 0.00	27.50 1.91 0.00	27.15 1.98 0.00	27.67 2.23 0.00	128.59 12.13 0.00	60.08 5.34 0.00	25.72 1.94 0.00	19.07 1.21 0.00	21.66 1.29 0.00	20.75 1.30 0.00	22.86 1.33 0.00	19.97 1.10 0.00	26.24 1.36 0.00	45.25 2.87 0.00	49.47 3.74 0.00	55.05 4.23 0.00	63.09 4.58 0.00	42.44 2.94 0.00	36.68 2.33 0.00	36.63 1.91 0.00	31.90 1.41 0.00	28.77 1.29 0.00
ERIE_ST__34_KV_TB1-2 80199	26.09 0.61 0.00	26.20 0.74 0.00	25.04 0.60 0.00	25.96 0.37 0.00	25.68 0.51 0.00	26.09 0.65 0.00	118.88 2.42 0.00	54.91 0.17 0.00	24.09 0.32 0.00	18.18 0.32 0.00	20.83 0.46 0.00	20.07 0.62 0.00	22.00 0.47 0.00	18.89 0.02 0.00	24.65 -0.23 0.00	41.43 -0.95 0.00	44.42 -1.31 0.00	48.82 -2.00 0.00	55.58 -2.93 0.00	37.49 -2.00 0.00	32.55 -1.80 0.00	32.84 -1.89 0.00	28.84 -1.64 0.00	26.21 -1.26 0.00
ERIE_WT_PWR 323693	25.57 0.09 0.00	25.73 0.27 0.00	24.58 0.14 0.00	25.47 -0.12 0.00	25.19 0.02 0.00	25.64 0.19 0.00	116.67 0.22 0.00	53.88 -0.87 0.00	23.66 -0.12 0.00	17.83 -0.03 0.00	20.42 0.04 0.00	19.66 0.20 0.00	21.55 0.03 0.00	18.50 -0.37 0.00	24.12 -0.77 0.00	40.47 -1.90 0.00	43.40 -2.32 0.00	47.62 -3.20 0.00	54.19 -4.32 0.00	36.58 -2.92 0.00	31.73 -2.61 0.00	32.04 -2.69 0.00	28.17 -2.32 0.00	25.59 -1.89 0.00
ESPRGFLD_115KV_TB1 80157	27.13 1.66 0.00	27.04 1.57 0.00	25.94 1.50 0.00	27.14 1.56 0.00	26.74 1.58 0.00	27.19 1.74 0.00	125.18 8.72 0.00	58.53 3.79 0.00	25.22 1.44 0.00	18.93 1.08 0.00	21.51 1.13 0.00	20.59 1.14 0.00	22.74 1.22 0.00	19.79 0.93 0.00	26.07 1.19 0.00	44.51 2.13 0.00	48.42 2.69 0.00	53.82 3.00 0.00	61.75 3.25 0.00	41.53 2.04 0.00	35.95 1.61 0.00	36.29 1.56 0.00	31.77 1.28 0.00	28.57 1.09 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	26.43 0.95 0.00	26.33 0.86 0.00	25.29 0.84 0.00	26.44 0.86 0.00	26.03 0.86 0.00	26.34 0.89 0.00	121.85 5.40 0.00	56.87 2.13 0.00	24.61 0.83 0.00	18.38 0.52 0.00	20.89 0.52 0.00	19.99 0.54 0.00	22.05 0.52 0.00	19.25 0.38 0.00	25.15 0.27 0.00	42.80 0.43 0.00	46.54 0.81 0.00	51.89 1.07 0.00	59.59 1.09 0.00	40.17 0.67 0.00	34.82 0.48 0.00	35.14 0.42 0.00	30.74 0.25 0.00	27.67 0.20 0.00
ETNA____115KV_TB2 80207	26.43 0.95 0.00	26.33 0.86 0.00	25.29 0.84 0.00	26.44 0.86 0.00	26.03 0.86 0.00	26.34 0.89 0.00	121.85 5.40 0.00	56.87 2.13 0.00	24.61 0.83 0.00	18.38 0.52 0.00	20.89 0.52 0.00	19.99 0.54 0.00	22.05 0.52 0.00	19.25 0.38 0.00	25.15 0.27 0.00	42.80 0.43 0.00	46.54 0.81 0.00	51.89 1.07 0.00	59.59 1.09 0.00	40.17 0.67 0.00	34.82 0.48 0.00	35.14 0.42 0.00	30.74 0.25 0.00	27.67 0.20 0.00
EUCLID__115KV_TB2 356179	24.94 -0.54 0.00	24.94 -0.53 0.00	23.93 -0.51 0.00	25.01 -0.57 0.00	24.63 -0.53 0.00	24.95 -0.49 0.00	114.21 -2.24 0.00	53.60 -1.15 0.00	23.31 -0.47 0.00	17.48 -0.38 0.00	19.95 -0.42 0.00	19.06 -0.39 0.00	21.04 -0.49 0.00	18.41 -0.46 0.00	24.28 -0.60 0.00	41.47 -0.91 0.00	44.83 -0.89 0.00	49.89 -0.94 0.00	57.28 -1.23 0.00	38.67 -0.83 0.00	33.62 -0.73 0.00	33.96 -0.76 0.00	29.78 -0.70 0.00	26.83 -0.65 0.00
E_CANADA_CAP_HY 24051	27.29 1.81 0.00	27.22 1.75 0.00	26.09 1.65 0.00	27.29 1.70 0.00	26.91 1.74 0.00	27.37 1.93 0.00	125.67 9.22 0.00	58.80 4.06 0.00	25.12 1.34 0.00	18.73 0.87 0.00	21.27 0.89 0.00	20.36 0.91 0.00	22.50 0.97 0.00	19.59 0.73 0.00	25.89 1.02 0.00	44.58 2.20 0.00	48.71 2.99 0.00	54.18 3.36 0.00	62.21 3.71 0.00	41.84 2.35 0.00	36.19 1.84 0.00	36.63 1.91 0.00	32.10 1.62 0.00	28.85 1.37 0.00
E_CANADA_MHWK_HY 24050	25.55 0.07 0.00	25.52 0.06 0.00	24.52 0.07 0.00	25.72 0.13 0.00	25.31 0.15 0.00	25.60 0.16 0.00	118.12 1.66 0.00	55.52 0.78 0.00	23.70 -0.08 0.00	17.47 -0.39 0.00	19.96 -0.41 0.00	19.02 -0.43 0.00	21.07 -0.46 0.00	18.55 -0.32 0.00	24.50 -0.38 0.00	42.45 0.07 0.00	46.04 0.31 0.00	51.87 1.04 0.00	59.51 1.01 0.00	40.09 0.59 0.00	34.61 0.27 0.00	35.02 0.30 0.00	30.76 0.28 0.00	27.70 0.22 0.00
E_FISHKILL__LBMP 23776	26.37 0.89 0.00	26.26 0.79 0.00	25.25 0.80 0.00	26.44 0.85 0.00	25.94 0.77 0.00	26.20 0.76 0.00	120.33 3.88 0.00	56.58 1.83 0.00	24.71 0.93 0.00	18.61 0.75 0.00	21.22 0.85 0.00	20.21 0.76 0.00	22.47 0.94 0.00	19.64 0.77 0.00	25.89 1.01 0.00	44.14 1.61 -0.16	47.46 1.73 0.00	53.03 2.21 0.00	60.74 2.24 0.00	41.02 1.52 0.00	35.75 1.40 0.00	36.21 1.49 0.00	31.88 1.39 0.00	28.73 1.25 0.00
FALCON____SEABRD_CC1 323796	26.13 0.66 0.00	26.28 0.81 0.00	25.24 0.79 0.00	26.31 0.72 0.00	25.97 0.80 0.00	26.22 0.78 0.00	117.95 1.50 0.00	56.04 1.30 0.00	24.13 0.35 0.00	18.39 0.53 0.00	20.89 0.52 0.00	20.03 0.58 0.00	22.18 0.65 0.00	19.43 0.56 0.00	25.71 0.83 0.00	43.48 1.11 0.00	46.65 0.92 0.00	51.72 0.89 0.00	59.28 0.78 0.00	39.89 0.40 0.00	34.93 0.59 0.00	35.16 0.44 0.00	30.82 0.33 0.00	27.93 0.45 0.00



FALCON___SEABRD_CC2 323797	26.13 0.66 0.00	26.28 0.81 0.00	25.24 0.79 0.00	26.31 0.72 0.00	25.97 0.80 0.00	26.22 0.78 0.00	117.95 1.50 0.00	56.04 1.30 0.00	24.13 0.35 0.00	18.39 0.53 0.00	20.89 0.52 0.00	20.03 0.58 0.00	22.18 0.65 0.00	19.43 0.56 0.00	25.71 0.83 0.00	43.48 1.11 0.00	46.65 0.92 0.00	51.72 0.89 0.00	59.28 0.78 0.00	39.89 0.40 0.00	34.93 0.59 0.00	35.16 0.44 0.00	30.82 0.33 0.00	27.93 0.45 0.00
FAR ROCKAWAY___4 23548	26.90 1.42 0.00	26.72 1.25 0.00	25.69 1.24 0.00	26.88 1.29 0.00	26.23 1.07 0.00	26.41 0.96 0.00	121.18 4.72 0.00	56.88 2.13 0.00	24.24 1.36 0.90	18.14 1.13 0.85	20.85 1.28 0.80	19.54 1.23 1.14	21.97 1.50 1.05	19.10 1.26 1.02	44.24 1.93 -17.43	45.89 2.87 -0.65	48.61 2.89 0.00	53.81 2.99 0.00	61.74 3.23 0.00	41.94 2.44 0.00	36.82 2.48 0.00	37.19 2.47 0.00	41.57 2.55 -8.54	38.97 2.29 -9.20
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	26.68 1.20 0.00	26.54 1.08 0.00	25.54 1.09 0.00	26.70 1.11 0.00	26.20 1.04 0.00	26.49 1.05 0.00	121.73 5.27 0.00	57.24 2.50 0.00	39.72 1.28 -14.67	32.68 1.02 -13.80	34.52 1.14 -13.00	39.13 1.05 -18.63	40.02 1.27 -17.22	36.60 1.04 -16.69	34.43 1.38 -8.17	45.14 2.19 -0.58	48.10 2.37 0.00	53.75 2.92 0.00	61.50 2.99 0.00	41.51 2.02 0.00	36.19 1.85 0.00	36.64 1.92 0.00	32.27 1.78 0.00	29.08 1.61 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	26.65 1.18 0.00	26.52 1.05 0.00	25.51 1.07 0.00	26.67 1.09 0.00	26.18 1.01 0.00	26.46 1.01 0.00	121.58 5.13 0.00	57.16 2.42 0.00	39.69 1.24 -14.67	32.66 0.99 -13.80	34.48 1.11 -13.00	39.10 1.02 -18.63	39.99 1.24 -17.22	36.57 1.01 -16.69	34.40 1.35 -8.17	45.08 2.12 -0.58	48.03 2.30 0.00	53.66 2.84 0.00	61.42 2.91 0.00	41.45 1.95 0.00	36.14 1.80 0.00	36.60 1.88 0.00	32.23 1.75 0.00	29.06 1.58 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	26.67 1.19 0.00	26.53 1.07 0.00	25.53 1.08 0.00	26.69 1.11 0.00	26.19 1.03 0.00	26.48 1.03 0.00	121.63 5.17 0.00	57.21 2.47 0.00	39.71 1.26 -14.67	32.67 1.02 -13.80	34.51 1.13 -13.00	39.12 1.04 -18.63	40.01 1.26 -17.22	36.59 1.03 -16.69	34.42 1.37 -8.17	45.12 2.17 -0.58	48.07 2.35 0.00	53.72 2.89 0.00	61.46 2.95 0.00	41.47 1.98 0.00	36.16 1.82 0.00	36.62 1.89 0.00	32.26 1.77 0.00	29.08 1.60 0.00
FARRAGUT___LBMP 323566	26.65 1.18 0.00	26.52 1.05 0.00	25.51 1.07 0.00	26.67 1.09 0.00	26.18 1.01 0.00	26.46 1.01 0.00	121.58 5.13 0.00	57.16 2.42 0.00	39.69 1.24 -14.67	32.66 0.99 -13.80	34.48 1.11 -13.00	39.10 1.02 -18.63	39.99 1.24 -17.22	36.57 1.01 -16.69	34.40 1.35 -8.17	45.08 2.12 -0.58	48.03 2.30 0.00	53.66 2.84 0.00	61.42 2.91 0.00	41.45 1.95 0.00	36.14 1.80 0.00	36.60 1.88 0.00	32.23 1.75 0.00	29.06 1.58 0.00
FENNER___WINDPWR 24204	26.17 0.69 0.00	26.11 0.64 0.00	25.09 0.65 0.00	26.27 0.69 0.00	25.90 0.73 0.00	26.23 0.78 0.00	120.71 4.25 0.00	56.63 1.89 0.00	24.49 0.71 0.00	18.26 0.40 0.00	20.79 0.41 0.00	19.86 0.41 0.00	21.93 0.41 0.00	19.19 0.32 0.00	25.20 0.32 0.00	43.05 0.67 0.00	46.82 1.10 0.00	52.22 1.40 0.00	60.01 1.50 0.00	40.47 0.98 0.00	35.14 0.79 0.00	35.48 0.75 0.00	31.03 0.55 0.00	27.88 0.40 0.00
FIBERTEK___ENERGY 23856	25.22 -0.26 0.00	25.21 -0.25 0.00	24.20 -0.24 0.00	25.29 -0.29 0.00	24.91 -0.25 0.00	25.25 -0.20 0.00	115.70 -0.75 0.00	54.27 -0.47 0.00	23.57 -0.21 0.00	17.67 -0.19 0.00	20.15 -0.22 0.00	19.27 -0.18 0.00	21.27 -0.26 0.00	18.61 -0.26 0.00	24.55 -0.33 0.00	41.99 -0.39 0.00	45.41 -0.31 0.00	50.55 -0.28 0.00	58.04 -0.46 0.00	39.16 -0.33 0.00	34.02 -0.33 0.00	34.38 -0.34 0.00	30.13 -0.36 0.00	27.13 -0.35 0.00
FITZPATRICK____ 23598	24.63 -0.85 0.00	24.63 -0.84 0.00	23.64 -0.80 0.00	24.71 -0.88 0.00	24.33 -0.83 0.00	24.64 -0.81 0.00	112.73 -3.72 0.00	52.93 -1.81 0.00	23.01 -0.77 0.00	17.28 -0.58 0.00	19.72 -0.66 0.00	18.84 -0.61 0.00	20.80 -0.73 0.00	18.22 -0.65 0.00	23.99 -0.89 0.00	40.94 -1.44 0.00	44.22 -1.51 0.00	49.19 -1.64 0.00	56.51 -2.00 0.00	38.15 -1.35 0.00	33.15 -1.19 0.00	33.51 -1.21 0.00	29.40 -1.09 0.00	26.49 -0.98 0.00
FLOWRFLD_69_KV_BK1 356044	26.48 1.00 0.00	26.28 0.82 0.00	25.32 0.87 0.00	26.50 0.92 0.00	25.76 0.60 0.00	25.86 0.42 0.00	118.74 2.29 0.00	55.90 1.16 0.00	23.97 1.09 0.90	17.92 0.91 0.85	20.42 0.85 0.80	21.25 0.86 -0.94	24.68 1.13 -2.02	20.66 0.96 -0.84	44.09 1.77 -17.43	45.64 2.61 -0.65	48.18 2.46 0.00	52.66 1.83 0.00	60.66 2.15 0.00	41.49 1.99 0.00	36.55 2.21 0.00	36.79 2.07 0.00	41.39 2.36 -8.54	38.85 2.18 -9.20
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	26.71 1.23 0.00	26.59 1.12 0.00	25.56 1.11 0.00	26.76 1.17 0.00	26.28 1.11 0.00	26.57 1.12 0.00	122.18 5.72 0.00	57.43 2.69 0.00	25.04 1.26 0.00	18.84 0.98 0.00	21.46 1.09 0.00	20.44 0.99 0.00	22.72 1.19 0.00	19.85 0.98 0.00	26.20 1.32 0.00	44.56 2.19 0.00	48.15 2.43 0.00	53.84 3.02 0.00	61.68 3.18 0.00	41.63 2.13 0.00	36.27 1.93 0.00	36.72 2.00 0.00	32.29 1.80 0.00	29.07 1.59 0.00
FORT ORANGE____ 23900	25.75 0.27 0.00	25.77 0.30 0.00	24.76 0.31 0.00	25.96 0.37 0.00	25.49 0.33 0.00	25.72 0.27 0.00	117.85 1.39 0.00	55.63 0.88 0.00	24.10 0.31 0.00	17.98 0.12 0.00	20.62 0.25 0.00	19.64 0.18 0.00	21.77 0.25 0.00	19.13 0.26 0.00	25.23 0.34 0.00	43.07 0.69 0.00	46.43 0.71 0.00	52.06 1.23 0.00	59.81 1.31 0.00	40.41 0.92 0.00	35.14 0.80 0.00	35.53 0.81 0.00	31.21 0.72 0.00	28.09 0.62 0.00
FORT_DRUM_COGEN 23780	26.49 1.01 0.00	26.38 0.91 0.00	25.32 0.87 0.00	26.59 1.00 0.00	26.26 1.10 0.00	26.67 1.22 0.00	122.55 6.09 0.00	57.86 3.12 0.00	24.77 0.99 0.00	18.21 0.35 0.00	20.76 0.39 0.00	19.89 0.44 0.00	22.11 0.58 0.00	19.26 0.40 0.00	25.27 0.39 0.00	43.48 1.11 0.00	48.52 2.79 0.00	54.50 3.68 0.00	62.62 4.12 0.00	42.30 2.81 0.00	36.70 2.36 0.00	36.94 2.22 0.00	31.77 1.29 0.00	27.93 0.45 0.00
FOX_HILLS___ESR 323835	26.76 1.28 0.00	26.66 1.19 0.00	25.63 1.19 0.00	26.82 1.24 0.00	26.31 1.15 0.00	26.61 1.17 0.00	122.00 5.54 0.00	57.22 2.48 0.00	42.25 1.21 -17.26	34.98 0.88 -16.24	36.62 0.94 -15.30	42.27 0.90 -21.92	42.90 1.10 -20.27	39.44 0.93 -19.63	35.78 1.28 -9.62	45.05 2.09 -0.59	47.97 2.24 0.00	53.70 2.88 0.00	61.41 2.91 0.00	41.52 2.02 0.00	36.31 1.97 0.00	36.81 2.09 0.00	32.42 1.94 0.00	29.20 1.72 0.00
FPL FAR_ROCK_GT1 24212	26.90 1.42 0.00	26.72 1.25 0.00	25.69 1.24 0.00	26.88 1.29 0.00	26.23 1.07 0.00	26.41 0.96 0.00	121.18 4.73 0.00	56.89 2.14 0.00	24.24 1.36 0.90	18.14 1.13 0.85	20.85 1.28 0.80	19.54 1.23 1.14	21.97 1.50 1.05	19.11 1.26 1.02	44.25 1.93 -17.43	45.89 2.87 -0.65	48.61 2.89 0.00	53.81 2.99 0.00	61.73 3.23 0.00	41.94 2.44 0.00	36.83 2.49 0.00	37.19 2.47 0.00	41.57 2.54 -8.54	38.97 2.29 -9.20



FPL FAR_ROCK_GT2 23815	26.90 1.42 0.00	26.72 1.25 0.00	25.69 1.24 0.00	26.88 1.29 0.00	26.23 1.07 0.00	26.41 0.96 0.00	121.18 4.73 0.00	56.89 2.14 0.00	24.24 1.36 0.90	18.14 1.13 0.85	20.85 1.28 0.80	19.54 1.23 1.14	21.97 1.50 1.05	19.11 1.26 1.02	44.25 1.93 -17.43	45.89 2.87 -0.65	48.61 2.89 0.00	53.81 2.99 0.00	61.73 3.23 0.00	41.94 2.44 0.00	36.83 2.49 0.00	37.19 2.47 0.00	41.57 2.54 -8.54	38.97 2.29 -9.20
FRANKLIN_FALL_HYD 24054	26.76 1.28 0.00	26.83 1.37 0.00	25.74 1.30 0.00	26.90 1.31 0.00	26.55 1.38 0.00	26.87 1.43 0.00	122.06 5.60 0.00	58.04 3.29 0.00	24.87 1.09 0.00	18.62 0.76 0.00	21.15 0.77 0.00	20.25 0.80 0.00	22.40 0.87 0.00	19.60 0.73 0.00	25.89 1.02 0.00	44.12 1.75 0.00	48.16 2.43 0.00	53.56 2.73 0.00	61.53 3.03 0.00	41.37 1.87 0.00	36.01 1.66 0.00	36.18 1.46 0.00	31.55 1.06 0.00	28.47 0.99 0.00
FREEPORT_EQUS_GT1 23764	26.69 1.21 0.00	26.52 1.05 0.00	25.51 1.07 0.00	26.68 1.09 0.00	26.04 0.87 0.00	26.20 0.76 0.00	120.19 3.73 0.00	56.47 1.73 0.00	24.07 1.19 0.90	18.02 1.00 0.85	20.66 1.09 0.80	19.36 1.05 1.14	21.79 1.32 1.05	18.95 1.10 1.02	44.05 1.74 -17.43	45.55 2.53 -0.65	48.19 2.47 0.00	53.32 2.50 0.00	61.22 2.72 0.00	41.61 2.11 0.00	36.55 2.21 0.00	36.90 2.18 0.00	41.38 2.36 -8.54	38.81 2.14 -9.20
FREEPORT___CT2 23818	26.69 1.21 0.00	26.52 1.05 0.00	25.51 1.07 0.00	26.68 1.09 0.00	26.04 0.87 0.00	26.20 0.76 0.00	120.19 3.73 0.00	56.47 1.73 0.00	24.07 1.19 0.90	18.02 1.00 0.85	20.66 1.09 0.80	19.36 1.05 1.14	21.79 1.32 1.05	18.95 1.10 1.02	44.05 1.74 -17.43	45.55 2.53 -0.65	48.19 2.47 0.00	53.32 2.50 0.00	61.22 2.72 0.00	41.61 2.11 0.00	36.55 2.21 0.00	36.90 2.18 0.00	41.38 2.36 -8.54	38.81 2.14 -9.20
FRESHKLS_33_KV_LOAD 356253	26.79 1.32 0.00	26.73 1.27 0.00	25.70 1.26 0.00	26.90 1.32 0.00	26.39 1.22 0.00	26.69 1.24 0.00	122.26 5.81 0.00	57.24 2.49 0.00	42.25 1.21 -17.26	34.95 0.85 -16.24	36.55 0.88 -15.30	42.23 0.86 -21.92	42.85 1.06 -20.27	39.41 0.91 -19.63	35.77 1.27 -9.62	45.05 2.09 -0.59	47.96 2.23 0.00	53.74 2.91 0.00	61.44 2.93 0.00	41.56 2.06 0.00	36.36 2.02 0.00	36.90 2.18 0.00	32.49 2.01 0.00	29.27 1.79 0.00
FULTON COGEN____ 23766	24.87 -0.61 0.00	24.86 -0.60 0.00	23.86 -0.58 0.00	24.94 -0.64 0.00	24.56 -0.60 0.00	24.89 -0.55 0.00	114.00 -2.45 0.00	53.53 -1.22 0.00	23.23 -0.55 0.00	17.42 -0.44 0.00	19.86 -0.51 0.00	18.97 -0.48 0.00	20.95 -0.58 0.00	18.32 -0.55 0.00	24.15 -0.73 0.00	41.29 -1.08 0.00	44.69 -1.03 0.00	49.78 -1.04 0.00	57.16 -1.35 0.00	38.58 -0.91 0.00	33.53 -0.81 0.00	33.92 -0.81 0.00	29.74 -0.74 0.00	26.78 -0.70 0.00
FULTON___LFGE 323630	27.15 1.67 0.00	27.10 1.64 0.00	25.99 1.54 0.00	27.21 1.62 0.00	26.81 1.64 0.00	27.23 1.79 0.00	125.16 8.70 0.00	58.63 3.89 0.00	24.80 1.02 0.00	18.32 0.46 0.00	20.82 0.45 0.00	19.90 0.45 0.00	22.01 0.48 0.00	19.21 0.34 0.00	25.44 0.56 0.00	44.28 1.91 0.00	48.73 3.01 0.00	54.50 3.68 0.00	62.60 4.09 0.00	42.18 2.68 0.00	36.53 2.18 0.00	36.90 2.18 0.00	32.32 1.84 0.00	29.04 1.56 0.00
G.F.CEMENT___DRP 24184	26.53 1.05 0.00	26.60 1.13 0.00	25.58 1.13 0.00	26.80 1.21 0.00	26.39 1.22 0.00	26.70 1.25 0.00	122.72 6.26 0.00	57.91 3.17 0.00	24.90 1.12 0.00	18.46 0.60 0.00	21.04 0.67 0.00	19.98 0.53 0.00	22.16 0.63 0.00	19.55 0.68 0.00	25.90 1.02 0.00	44.25 1.87 0.00	47.87 2.14 0.00	53.80 2.98 0.00	61.96 3.46 0.00	41.88 2.38 0.00	36.24 1.89 0.00	36.60 1.88 0.00	32.33 1.84 0.00	29.08 1.60 0.00
GARDENVILLE___LBMP 24039	25.46 -0.02 0.00	25.62 0.16 0.00	24.48 0.03 0.00	25.36 -0.22 0.00	25.09 -0.07 0.00	25.53 0.09 0.00	116.11 -0.34 0.00	53.59 -1.15 0.00	23.54 -0.24 0.00	17.74 -0.12 0.00	20.31 -0.06 0.00	19.57 0.12 0.00	21.45 -0.07 0.00	18.41 -0.46 0.00	24.01 -0.87 0.00	40.29 -2.08 0.00	43.23 -2.50 0.00	47.43 -3.40 0.00	53.93 -4.58 0.00	36.39 -3.10 0.00	31.60 -2.75 0.00	31.89 -2.83 0.00	27.87 -2.45 0.17	24.95 -2.01 0.52
GARDNVLA_35_KV_LD 355827	25.60 0.12 0.00	25.76 0.29 0.00	24.61 0.16 0.00	25.49 -0.10 0.00	25.22 0.05 0.00	25.66 0.22 0.00	116.80 0.34 0.00	53.92 -0.83 0.00	23.68 -0.10 0.00	17.85 -0.01 0.00	20.44 0.07 0.00	19.69 0.24 0.00	21.58 0.05 0.00	18.52 -0.35 0.00	24.15 -0.73 0.00	40.53 -1.85 0.00	43.48 -2.25 0.00	47.72 -3.11 0.00	54.27 -4.23 0.00	36.63 -2.87 0.00	31.80 -2.55 0.00	32.08 -2.64 0.00	28.19 -2.30 0.00	25.61 -1.87 0.00
GELCKHM___115KV_LOAD 80723	25.05 -0.43 0.00	25.04 -0.42 0.00	24.04 -0.41 0.00	25.12 -0.46 0.00	24.75 -0.42 0.00	25.07 -0.38 0.00	114.80 -1.66 0.00	53.86 -0.88 0.00	23.43 -0.35 0.00	17.56 -0.30 0.00	20.03 -0.34 0.00	19.14 -0.31 0.00	21.14 -0.39 0.00	18.50 -0.37 0.00	24.39 -0.49 0.00	41.68 -0.70 0.00	45.07 -0.66 0.00	50.16 -0.66 0.00	57.58 -0.92 0.00	38.86 -0.64 0.00	33.77 -0.57 0.00	34.13 -0.59 0.00	29.92 -0.57 0.00	26.94 -0.54 0.00
GENERAL___MILLS 23808	25.56 0.08 0.00	25.72 0.26 0.00	24.57 0.13 0.00	25.45 -0.13 0.00	25.19 0.03 0.00	25.62 0.18 0.00	116.65 0.20 0.00	53.82 -0.93 0.00	23.63 -0.15 0.00	17.82 -0.04 0.00	20.40 0.03 0.00	19.65 0.20 0.00	21.54 0.01 0.00	18.49 -0.38 0.00	24.11 -0.77 0.00	40.47 -1.91 0.00	43.40 -2.32 0.00	47.63 -3.20 0.00	54.18 -4.32 0.00	36.57 -2.93 0.00	31.74 -2.61 0.00	32.03 -2.69 0.00	28.15 -2.33 0.00	25.57 -1.91 0.00
GE_PLASTICS___DRP 24183	25.71 0.24 0.00	25.72 0.25 0.00	24.70 0.26 0.00	25.91 0.33 0.00	25.44 0.27 0.00	25.66 0.22 0.00	117.59 1.13 0.00	55.40 0.65 0.00	24.05 0.27 0.00	18.00 0.14 0.00	20.62 0.25 0.00	19.65 0.20 0.00	21.79 0.26 0.00	19.13 0.26 0.00	25.22 0.34 0.00	42.99 0.61 0.00	46.28 0.55 0.00	51.76 0.94 0.00	59.48 0.97 0.00	40.18 0.69 0.00	34.96 0.62 0.00	35.37 0.65 0.00	31.07 0.58 0.00	27.99 0.51 0.00
GILBOA___1 23756	25.91 0.43 0.00	25.86 0.39 0.00	24.85 0.41 0.00	26.12 0.53 0.00	25.60 0.44 0.00	25.82 0.37 0.00	118.43 1.98 0.00	55.54 0.80 0.00	24.20 0.42 0.00	18.19 0.32 0.00	20.76 0.39 0.00	19.81 0.35 0.00	21.96 0.43 0.00	19.23 0.36 0.00	25.34 0.46 0.00	43.10 0.73 0.00	46.27 0.55 0.00	51.68 0.85 0.00	59.35 0.84 0.00	40.15 0.65 0.00	34.94 0.59 0.00	35.41 0.69 0.00	31.11 0.62 0.00	28.04 0.56 0.00
GILBOA___2 23757	25.91 0.43 0.00	25.86 0.39 0.00	24.85 0.41 0.00	26.12 0.53 0.00	25.60 0.44 0.00	25.82 0.37 0.00	118.43 1.98 0.00	55.54 0.80 0.00	24.20 0.42 0.00	18.19 0.32 0.00	20.76 0.39 0.00	19.81 0.35 0.00	21.96 0.43 0.00	19.23 0.36 0.00	25.34 0.46 0.00	43.10 0.73 0.00	46.27 0.55 0.00	51.68 0.85 0.00	59.35 0.84 0.00	40.15 0.65 0.00	34.94 0.59 0.00	35.41 0.69 0.00	31.11 0.62 0.00	28.04 0.56 0.00



GILBOA___3 23758	25.91 0.43 0.00	25.86 0.39 0.00	24.85 0.41 0.00	26.12 0.53 0.00	25.60 0.44 0.00	25.82 0.37 0.00	118.43 1.98 0.00	55.54 0.80 0.00	24.20 0.42 0.00	18.19 0.32 0.00	20.76 0.39 0.00	19.81 0.35 0.00	21.96 0.43 0.00	19.23 0.36 0.00	25.34 0.46 0.00	43.10 0.73 0.00	46.27 0.55 0.00	51.68 0.85 0.00	59.35 0.84 0.00	40.15 0.65 0.00	34.94 0.59 0.00	35.41 0.69 0.00	31.11 0.62 0.00	28.04 0.56 0.00
GILBOA___4 23759	25.91 0.43 0.00	25.86 0.39 0.00	24.85 0.41 0.00	26.12 0.53 0.00	25.60 0.44 0.00	25.82 0.37 0.00	118.43 1.98 0.00	55.54 0.80 0.00	24.20 0.42 0.00	18.19 0.32 0.00	20.76 0.39 0.00	19.81 0.35 0.00	21.96 0.43 0.00	19.23 0.36 0.00	25.34 0.46 0.00	43.10 0.73 0.00	46.27 0.55 0.00	51.68 0.85 0.00	59.35 0.84 0.00	40.15 0.65 0.00	34.94 0.59 0.00	35.41 0.69 0.00	31.11 0.62 0.00	28.04 0.56 0.00
GILBOA___ 23599	25.91 0.43 0.00	25.86 0.40 0.00	24.85 0.41 0.00	26.12 0.54 0.00	25.60 0.44 0.00	25.82 0.37 0.00	118.44 1.98 0.00	55.54 0.80 0.00	24.20 0.42 0.00	18.19 0.33 0.00	20.77 0.39 0.00	19.80 0.35 0.00	21.96 0.43 0.00	19.24 0.37 0.00	25.34 0.46 0.00	43.10 0.73 0.00	46.27 0.55 0.00	51.68 0.85 0.00	59.35 0.84 0.00	40.15 0.65 0.00	34.94 0.59 0.00	35.41 0.69 0.00	31.11 0.62 0.00	28.04 0.56 0.00
GINNA___ 23603	23.96 -1.52 0.00	24.06 -1.41 0.00	23.04 -1.40 0.00	23.98 -1.61 0.00	23.70 -1.47 0.00	24.13 -1.32 0.00	110.18 -6.27 0.00	51.42 -3.33 0.00	22.39 -1.39 0.00	16.79 -1.07 0.00	19.18 -1.20 0.00	18.36 -1.09 0.00	20.21 -1.32 0.00	17.54 -1.32 0.00	23.01 -1.87 0.00	39.21 -3.17 0.00	42.39 -3.33 0.00	46.99 -3.83 0.00	53.72 -4.78 0.00	36.27 -3.22 0.00	31.47 -2.87 0.00	31.75 -2.97 0.00	27.85 -2.63 0.00	25.15 -2.33 0.00
GLEN PARK___ 23778	26.58 1.10 0.00	26.46 0.99 0.00	25.38 0.94 0.00	26.66 1.08 0.00	26.34 1.17 0.00	26.75 1.31 0.00	123.03 6.58 0.00	58.11 3.36 0.00	24.83 1.05 0.00	18.22 0.36 0.00	20.76 0.38 0.00	19.89 0.44 0.00	22.22 0.70 0.00	19.34 0.47 0.00	25.32 0.45 0.00	43.52 1.15 0.00	48.68 2.96 0.00	54.75 3.92 0.00	62.90 4.40 0.00	42.49 3.00 0.00	36.86 2.52 0.00	37.09 2.36 0.00	31.90 1.42 0.00	28.05 0.57 0.00
GLENDALE_27_KV_LOAD 356172	26.76 1.29 0.00	26.62 1.15 0.00	25.60 1.15 0.00	26.77 1.18 0.00	26.27 1.11 0.00	26.57 1.12 0.00	121.98 5.52 0.00	57.42 2.68 0.00	42.35 1.31 -17.26	35.13 1.03 -16.24	36.85 1.17 -15.30	42.45 1.07 -21.92	43.09 1.29 -20.27	39.57 1.06 -19.63	35.92 1.42 -9.62	45.26 2.29 -0.59	48.24 2.51 0.00	53.91 3.09 0.00	61.68 3.17 0.00	41.63 2.13 0.00	36.32 1.97 0.00	36.76 2.04 0.00	32.37 1.88 0.00	29.16 1.68 0.00
GLENWOOD_IC_1_G5 23712	26.68 1.20 0.00	26.53 1.07 0.00	25.52 1.07 0.00	26.70 1.11 0.00	26.13 0.96 0.00	26.34 0.89 0.00	120.91 4.46 0.00	56.83 2.09 0.00	24.09 1.21 0.90	18.02 1.00 0.85	20.70 1.13 0.80	19.35 1.05 1.14	21.77 1.30 1.05	18.92 1.08 1.02	43.88 1.57 -17.43	45.43 2.41 -0.65	48.19 2.46 0.00	53.53 2.71 0.00	61.38 2.87 0.00	41.57 2.07 0.00	36.38 2.04 0.00	36.78 2.06 0.00	41.11 2.08 -8.54	38.55 1.88 -9.20
GLENWOOD_IC_2_G1 23688	26.60 1.12 0.00	26.46 0.99 0.00	25.45 1.01 0.00	26.63 1.04 0.00	26.08 0.91 0.00	26.30 0.86 0.00	120.77 4.31 0.00	56.76 2.02 0.00	24.02 1.14 0.90	17.95 0.94 0.85	20.63 1.05 0.80	19.28 0.97 1.14	21.68 1.21 1.05	18.84 0.99 1.02	43.72 1.41 -17.43	45.18 2.16 -0.65	47.96 2.24 0.00	53.40 2.57 0.00	61.18 2.68 0.00	41.40 1.90 0.00	36.20 1.86 0.00	36.62 1.90 0.00	40.92 1.89 -8.54	38.38 1.71 -9.20
GLENWOOD_IC_3_G1 23689	26.60 1.12 0.00	26.46 0.99 0.00	25.45 1.01 0.00	26.63 1.04 0.00	26.08 0.91 0.00	26.30 0.86 0.00	120.77 4.31 0.00	56.76 2.02 0.00	24.02 1.14 0.90	17.95 0.94 0.85	20.63 1.05 0.80	19.28 0.97 1.14	21.68 1.21 1.05	18.84 0.99 1.02	43.72 1.41 -17.43	45.18 2.16 -0.65	47.96 2.24 0.00	53.40 2.57 0.00	61.18 2.68 0.00	41.40 1.90 0.00	36.20 1.86 0.00	36.62 1.90 0.00	40.92 1.89 -8.54	38.38 1.71 -9.20
GLENWOOD___4 23550	26.68 1.20 0.00	26.53 1.07 0.00	25.52 1.07 0.00	26.70 1.11 0.00	26.13 0.96 0.00	26.34 0.89 0.00	120.91 4.46 0.00	56.83 2.09 0.00	24.09 1.21 0.90	18.02 1.00 0.85	20.70 1.13 0.80	19.35 1.05 1.14	21.77 1.30 1.05	18.92 1.08 1.02	43.88 1.57 -17.43	45.43 2.41 -0.65	48.19 2.46 0.00	53.53 2.71 0.00	61.38 2.87 0.00	41.57 2.07 0.00	36.38 2.04 0.00	36.78 2.06 0.00	41.11 2.08 -8.54	38.55 1.88 -9.20
GLENWOOD___5 23614	26.68 1.20 0.00	26.53 1.07 0.00	25.52 1.07 0.00	26.70 1.11 0.00	26.13 0.96 0.00	26.34 0.89 0.00	120.91 4.46 0.00	56.83 2.09 0.00	24.09 1.21 0.90	18.02 1.00 0.85	20.70 1.13 0.80	19.35 1.05 1.14	21.77 1.30 1.05	18.92 1.08 1.02	43.88 1.57 -17.43	45.43 2.41 -0.65	48.19 2.46 0.00	53.53 2.71 0.00	61.38 2.87 0.00	41.57 2.07 0.00	36.38 2.04 0.00	36.78 2.06 0.00	41.11 2.08 -8.54	38.55 1.88 -9.20
GLOBAL GREEN_PORT_GT1 23814	25.63 0.15 0.00	25.43 -0.04 0.00	24.56 0.12 0.00	25.77 0.19 0.00	24.98 -0.19 0.00	25.11 -0.33 0.00	117.35 0.90 0.00	56.83 2.09 0.00	24.39 1.51 0.90	18.16 1.15 0.85	20.51 0.94 0.80	-6.42 0.99 26.86	-16.21 1.26 39.00	-3.96 1.11 23.94	44.58 2.26 -17.43	46.62 3.60 -0.65	49.47 3.75 0.00	53.49 2.67 0.00	61.25 2.75 0.00	42.29 2.79 0.00	37.35 3.01 0.00	36.50 1.78 0.00	40.88 1.86 -8.54	38.40 1.73 -9.20
GLOBE___DSASP 323697	24.44 -1.04 0.00	24.66 -0.81 0.00	23.54 -0.90 0.00	24.35 -1.23 0.00	24.15 -1.02 0.00	24.63 -0.81 0.00	111.39 -5.06 0.01	51.16 -3.59 0.00	22.56 -1.22 0.00	17.03 -0.83 0.00	19.45 -0.92 0.00	18.73 -0.72 0.00	20.52 -1.00 0.01	17.60 -1.27 0.00	22.94 -1.93 0.01	38.43 -3.93 0.02	41.28 -4.42 0.02	45.24 -5.56 0.02	51.45 -7.03 0.02	34.86 -4.63 0.00	30.29 -4.05 0.00	30.55 -4.15 0.01	26.94 -3.53 0.02	24.50 -2.97 0.01
GOETHSLN___LBMP 323567	26.62 1.14 0.00	26.47 1.01 0.00	25.47 1.02 0.00	26.64 1.06 0.00	26.14 0.98 0.00	26.43 0.98 0.00	121.38 4.92 0.00	57.03 2.29 0.00	39.62 1.18 -14.67	32.61 0.95 -13.80	34.43 1.05 -13.00	39.05 0.96 -18.63	39.93 1.18 -17.22	36.51 0.96 -16.69	34.33 1.27 -8.17	44.96 2.00 -0.58	47.92 2.20 0.00	53.55 2.73 0.00	61.27 2.76 0.00	41.35 1.85 0.00	36.06 1.71 0.00	36.53 1.80 0.00	32.17 1.69 0.00	29.00 1.52 0.00
GOLAH___69_KV_TB 1_2 80279	25.27 -0.21 0.00	25.42 -0.05 0.00	24.31 -0.14 0.00	25.26 -0.32 0.00	25.00 -0.17 0.00	25.45 0.01 0.00	116.07 -0.39 0.00	53.93 -0.81 0.00	23.53 -0.25 0.00	17.62 -0.24 0.00	20.11 -0.27 0.00	19.29 -0.16 0.00	21.21 -0.32 0.00	18.34 -0.53 0.00	24.03 -0.85 0.00	40.74 -1.63 0.00	44.15 -1.58 0.00	48.90 -1.93 0.00	55.83 -2.68 0.00	37.72 -1.78 0.00	32.74 -1.60 0.00	33.01 -1.72 0.00	28.98 -1.51 0.00	26.21 -1.27 0.00



GOODYEAR_LAKE_HYD 323669	26.71 1.23 0.00	26.62 1.15 0.00	25.57 1.13 0.00	26.78 1.20 0.00	26.34 1.18 0.00	26.71 1.27 0.00	123.01 6.55 0.00	57.61 2.87 0.00	24.95 1.17 0.00	18.77 0.91 0.00	21.37 1.00 0.00	20.43 0.98 0.00	22.59 1.06 0.00	19.70 0.83 0.00	25.91 1.03 0.00	44.12 1.74 0.00	47.71 1.99 0.00	53.14 2.31 0.00	60.98 2.47 0.00	41.09 1.59 0.00	35.66 1.32 0.00	36.00 1.28 0.00	31.54 1.05 0.00	28.41 0.93 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	26.19 0.72 0.00	26.06 0.60 0.00	25.02 0.58 0.00	26.15 0.57 0.00	25.72 0.55 0.00	25.94 0.50 0.00	120.19 3.74 0.00	55.87 1.12 0.00	24.27 0.48 0.00	18.29 0.43 0.00	20.86 0.49 0.00	20.01 0.56 0.00	22.06 0.54 0.00	19.24 0.37 0.00	25.11 0.23 0.00	42.49 0.12 0.00	45.81 0.09 0.00	50.98 0.16 0.00	58.54 0.04 0.00	39.37 -0.13 0.00	34.14 -0.20 0.00	34.54 -0.18 0.00	30.25 -0.23 0.00	27.29 -0.19 0.00
GOUDEY___7 23579	26.19 0.72 0.00	26.06 0.60 0.00	25.02 0.58 0.00	26.15 0.57 0.00	25.72 0.55 0.00	25.94 0.50 0.00	120.19 3.74 0.00	55.87 1.12 0.00	24.27 0.48 0.00	18.29 0.43 0.00	20.86 0.49 0.00	20.01 0.56 0.00	22.06 0.54 0.00	19.24 0.37 0.00	25.11 0.23 0.00	42.49 0.12 0.00	45.81 0.09 0.00	50.98 0.16 0.00	58.54 0.04 0.00	39.37 -0.13 0.00	34.14 -0.20 0.00	34.54 -0.18 0.00	30.25 -0.23 0.00	27.29 -0.19 0.00
GOUDEY___8 23580	26.19 0.72 0.00	26.06 0.60 0.00	25.02 0.58 0.00	26.15 0.57 0.00	25.72 0.55 0.00	25.94 0.50 0.00	120.19 3.74 0.00	55.87 1.12 0.00	24.27 0.48 0.00	18.29 0.43 0.00	20.86 0.49 0.00	20.01 0.56 0.00	22.06 0.54 0.00	19.24 0.37 0.00	25.11 0.23 0.00	42.49 0.12 0.00	45.81 0.09 0.00	50.98 0.16 0.00	58.54 0.04 0.00	39.37 -0.13 0.00	34.14 -0.20 0.00	34.54 -0.18 0.00	30.25 -0.23 0.00	27.29 -0.19 0.00
GOWANUS_GT1_1 24077	26.74 1.26 0.00	26.62 1.16 0.00	25.59 1.15 0.00	26.78 1.20 0.00	26.28 1.11 0.00	26.57 1.13 0.00	121.97 5.51 0.00	57.30 2.55 0.00	42.27 1.23 -17.26	35.03 0.93 -16.24	36.71 1.04 -15.30	42.35 0.97 -21.92	42.97 1.18 -20.27	39.48 0.98 -19.63	35.82 1.32 -9.62	45.12 2.16 -0.59	48.08 2.36 0.00	53.80 2.97 0.00	61.53 3.03 0.00	41.57 2.07 0.00	36.31 1.96 0.00	36.78 2.05 0.00	32.38 1.90 0.00	29.16 1.69 0.00
GOWANUS_GT1_2 24078	26.74 1.26 0.00	26.62 1.16 0.00	25.59 1.15 0.00	26.78 1.20 0.00	26.28 1.11 0.00	26.57 1.13 0.00	121.97 5.51 0.00	57.30 2.55 0.00	42.27 1.23 -17.26	35.03 0.93 -16.24	36.71 1.04 -15.30	42.35 0.97 -21.92	42.97 1.18 -20.27	39.48 0.98 -19.63	35.82 1.32 -9.62	45.12 2.16 -0.59	48.08 2.36 0.00	53.80 2.97 0.00	61.53 3.03 0.00	41.57 2.07 0.00	36.31 1.96 0.00	36.78 2.05 0.00	32.38 1.90 0.00	29.16 1.69 0.00
GOWANUS_GT1_3 24079	26.74 1.26 0.00	26.62 1.16 0.00	25.59 1.15 0.00	26.78 1.20 0.00	26.28 1.11 0.00	26.57 1.13 0.00	121.97 5.51 0.00	57.30 2.55 0.00	42.27 1.23 -17.26	35.03 0.93 -16.24	36.71 1.04 -15.30	42.35 0.97 -21.92	42.97 1.18 -20.27	39.48 0.98 -19.63	35.82 1.32 -9.62	45.12 2.16 -0.59	48.08 2.36 0.00	53.80 2.97 0.00	61.53 3.03 0.00	41.57 2.07 0.00	36.31 1.96 0.00	36.78 2.05 0.00	32.38 1.90 0.00	29.16 1.69 0.00
GOWANUS_GT1_4 24080	26.74 1.26 0.00	26.62 1.16 0.00	25.59 1.15 0.00	26.78 1.20 0.00	26.28 1.11 0.00	26.57 1.13 0.00	121.97 5.51 0.00	57.30 2.55 0.00	42.27 1.23 -17.26	35.03 0.93 -16.24	36.71 1.04 -15.30	42.35 0.97 -21.92	42.97 1.18 -20.27	39.48 0.98 -19.63	35.82 1.32 -9.62	45.12 2.16 -0.59	48.08 2.36 0.00	53.80 2.97 0.00	61.53 3.03 0.00	41.57 2.07 0.00	36.31 1.96 0.00	36.78 2.05 0.00	32.38 1.90 0.00	29.16 1.69 0.00
GOWANUS_GT1_5 24084	26.74 1.26 0.00	26.62 1.16 0.00	25.59 1.15 0.00	26.78 1.20 0.00	26.28 1.11 0.00	26.57 1.13 0.00	121.97 5.51 0.00	57.30 2.55 0.00	42.27 1.23 -17.26	35.03 0.93 -16.24	36.71 1.04 -15.30	42.35 0.97 -21.92	42.97 1.18 -20.27	39.48 0.98 -19.63	35.82 1.32 -9.62	45.12 2.16 -0.59	48.08 2.36 0.00	53.80 2.97 0.00	61.53 3.03 0.00	41.57 2.07 0.00	36.31 1.96 0.00	36.78 2.05 0.00	32.38 1.90 0.00	29.16 1.69 0.00
GOWANUS_GT1_6 24111	26.74 1.26 0.00	26.62 1.16 0.00	25.59 1.15 0.00	26.78 1.20 0.00	26.28 1.11 0.00	26.57 1.13 0.00	121.97 5.51 0.00	57.30 2.55 0.00	42.27 1.23 -17.26	35.03 0.93 -16.24	36.71 1.04 -15.30	42.35 0.97 -21.92	42.97 1.18 -20.27	39.48 0.98 -19.63	35.82 1.32 -9.62	45.12 2.16 -0.59	48.08 2.36 0.00	53.80 2.97 0.00	61.53 3.03 0.00	41.57 2.07 0.00	36.31 1.96 0.00	36.78 2.05 0.00	32.38 1.90 0.00	29.16 1.69 0.00
GOWANUS_GT1_7 24112	26.74 1.26 0.00	26.62 1.16 0.00	25.59 1.15 0.00	26.78 1.20 0.00	26.28 1.11 0.00	26.57 1.13 0.00	121.97 5.51 0.00	57.30 2.55 0.00	42.27 1.23 -17.26	35.03 0.93 -16.24	36.71 1.04 -15.30	42.35 0.97 -21.92	42.97 1.18 -20.27	39.48 0.98 -19.63	35.82 1.32 -9.62	45.12 2.16 -0.59	48.08 2.36 0.00	53.80 2.97 0.00	61.53 3.03 0.00	41.57 2.07 0.00	36.31 1.96 0.00	36.78 2.05 0.00	32.38 1.90 0.00	29.16 1.69 0.00
GOWANUS_GT1_8 24113	26.74 1.26 0.00	26.62 1.16 0.00	25.59 1.15 0.00	26.78 1.20 0.00	26.28 1.11 0.00	26.57 1.13 0.00	121.97 5.51 0.00	57.30 2.55 0.00	42.27 1.23 -17.26	35.03 0.93 -16.24	36.71 1.04 -15.30	42.35 0.97 -21.92	42.97 1.18 -20.27	39.48 0.98 -19.63	35.82 1.32 -9.62	45.12 2.16 -0.59	48.08 2.36 0.00	53.80 2.97 0.00	61.53 3.03 0.00	41.57 2.07 0.00	36.31 1.96 0.00	36.78 2.05 0.00	32.38 1.90 0.00	29.16 1.69 0.00
GOWANUS_GT2_1 24114	26.73 1.25 0.00	26.60 1.14 0.00	25.58 1.14 0.00	26.76 1.17 0.00	26.26 1.09 0.00	26.55 1.11 0.00	121.87 5.41 0.00	57.26 2.52 0.00	42.24 1.20 -17.26	35.01 0.91 -16.24	36.67 1.00 -15.30	42.31 0.93 -21.92	42.94 1.14 -20.27	39.45 0.95 -19.63	35.26 1.27 -9.11	45.09 2.12 -0.59	48.04 2.32 0.00	53.77 2.94 0.00	61.46 2.96 0.00	41.54 2.04 0.00	36.28 1.94 0.00	36.75 2.03 0.00	32.37 1.88 0.00	29.14 1.66 0.00
GOWANUS_GT2_2 24115	26.73 1.25 0.00	26.60 1.14 0.00	25.58 1.14 0.00	26.76 1.17 0.00	26.26 1.09 0.00	26.55 1.11 0.00	121.87 5.41 0.00	57.26 2.52 0.00	42.24 1.20 -17.26	35.01 0.91 -16.24	36.67 1.00 -15.30	42.31 0.93 -21.92	42.94 1.14 -20.27	39.45 0.95 -19.63	35.26 1.27 -9.11	45.09 2.12 -0.59	48.04 2.32 0.00	53.77 2.94 0.00	61.46 2.96 0.00	41.54 2.04 0.00	36.28 1.94 0.00	36.75 2.03 0.00	32.37 1.88 0.00	29.14 1.66 0.00
GOWANUS_GT2_3 24116	26.73 1.25 0.00	26.60 1.14 0.00	25.58 1.14 0.00	26.76 1.17 0.00	26.26 1.09 0.00	26.55 1.11 0.00	121.87 5.41 0.00	57.26 2.52 0.00	42.24 1.20 -17.26	35.01 0.91 -16.24	36.67 1.00 -15.30	42.31 0.93 -21.92	42.94 1.14 -20.27	39.45 0.95 -19.63	35.26 1.27 -9.11	45.09 2.12 -0.59	48.04 2.32 0.00	53.77 2.94 0.00	61.46 2.96 0.00	41.54 2.04 0.00	36.28 1.94 0.00	36.75 2.03 0.00	32.37 1.88 0.00	29.14 1.66 0.00



GOWANUS_GT2_4 24117	26.73 1.25 0.00	26.60 1.14 0.00	25.58 1.14 0.00	26.76 1.17 0.00	26.26 1.09 0.00	26.55 1.11 0.00	121.87 5.41 0.00	57.26 2.52 0.00	42.24 1.20 -17.26	35.01 0.91 -16.24	36.67 1.00 -15.30	42.31 0.93 -21.92	42.94 1.14 -20.27	39.45 0.95 -19.63	35.26 1.27 -9.11	45.09 2.12 -0.59	48.04 2.32 0.00	53.77 2.94 0.00	61.46 2.96 0.00	41.54 2.04 0.00	36.28 1.94 0.00	36.75 2.03 0.00	32.37 1.88 0.00	29.14 1.66 0.00
GOWANUS_GT2_5 24118	26.73 1.25 0.00	26.60 1.14 0.00	25.58 1.14 0.00	26.76 1.17 0.00	26.26 1.09 0.00	26.55 1.11 0.00	121.87 5.41 0.00	57.26 2.52 0.00	42.24 1.20 -17.26	35.01 0.91 -16.24	36.67 1.00 -15.30	42.31 0.93 -21.92	42.94 1.14 -20.27	39.45 0.95 -19.63	35.26 1.27 -9.11	45.09 2.12 -0.59	48.04 2.32 0.00	53.77 2.94 0.00	61.46 2.96 0.00	41.54 2.04 0.00	36.28 1.94 0.00	36.75 2.03 0.00	32.37 1.88 0.00	29.14 1.66 0.00
GOWANUS_GT2_6 24119	26.73 1.25 0.00	26.60 1.14 0.00	25.58 1.14 0.00	26.76 1.17 0.00	26.26 1.09 0.00	26.55 1.11 0.00	121.87 5.41 0.00	57.26 2.52 0.00	42.24 1.20 -17.26	35.01 0.91 -16.24	36.67 1.00 -15.30	42.31 0.93 -21.92	42.94 1.14 -20.27	39.45 0.95 -19.63	35.26 1.27 -9.11	45.09 2.12 -0.59	48.04 2.32 0.00	53.77 2.94 0.00	61.46 2.96 0.00	41.54 2.04 0.00	36.28 1.94 0.00	36.75 2.03 0.00	32.37 1.88 0.00	29.14 1.66 0.00
GOWANUS_GT2_7 24120	26.73 1.25 0.00	26.60 1.14 0.00	25.58 1.14 0.00	26.76 1.17 0.00	26.26 1.09 0.00	26.55 1.11 0.00	121.87 5.41 0.00	57.26 2.52 0.00	42.24 1.20 -17.26	35.01 0.91 -16.24	36.67 1.00 -15.30	42.31 0.93 -21.92	42.94 1.14 -20.27	39.45 0.95 -19.63	35.26 1.27 -9.11	45.09 2.12 -0.59	48.04 2.32 0.00	53.77 2.94 0.00	61.46 2.96 0.00	41.54 2.04 0.00	36.28 1.94 0.00	36.75 2.03 0.00	32.37 1.88 0.00	29.14 1.66 0.00
GOWANUS_GT2_8 24121	26.73 1.25 0.00	26.60 1.14 0.00	25.58 1.14 0.00	26.76 1.17 0.00	26.26 1.09 0.00	26.55 1.11 0.00	121.87 5.41 0.00	57.26 2.52 0.00	42.24 1.20 -17.26	35.01 0.91 -16.24	36.67 1.00 -15.30	42.31 0.93 -21.92	42.94 1.14 -20.27	39.45 0.95 -19.63	35.26 1.27 -9.11	45.09 2.12 -0.59	48.04 2.32 0.00	53.77 2.94 0.00	61.46 2.96 0.00	41.54 2.04 0.00	36.28 1.94 0.00	36.75 2.03 0.00	32.37 1.88 0.00	29.14 1.66 0.00
GOWANUS_GT3_1 24122	26.74 1.27 0.00	26.62 1.16 0.00	25.60 1.15 0.00	26.78 1.20 0.00	26.28 1.11 0.00	26.57 1.13 0.00	121.98 5.52 0.00	57.29 2.55 0.00	42.26 1.22 -17.26	35.02 0.92 -16.24	36.69 1.01 -15.30	42.32 0.95 -21.92	42.95 1.16 -20.27	39.47 0.96 -19.63	35.79 1.29 -9.62	45.12 2.16 -0.59	48.08 2.36 0.00	53.79 2.96 0.00	61.51 3.01 0.00	41.56 2.07 0.00	36.31 1.97 0.00	36.77 2.05 0.00	32.38 1.90 0.00	29.16 1.69 0.00
GOWANUS_GT3_2 24123	26.74 1.27 0.00	26.62 1.16 0.00	25.60 1.15 0.00	26.78 1.20 0.00	26.28 1.11 0.00	26.57 1.13 0.00	121.98 5.52 0.00	57.29 2.55 0.00	42.26 1.22 -17.26	35.02 0.92 -16.24	36.69 1.01 -15.30	42.32 0.95 -21.92	42.95 1.16 -20.27	39.47 0.96 -19.63	35.79 1.29 -9.62	45.12 2.16 -0.59	48.08 2.36 0.00	53.79 2.96 0.00	61.51 3.01 0.00	41.56 2.07 0.00	36.31 1.97 0.00	36.77 2.05 0.00	32.38 1.90 0.00	29.16 1.69 0.00
GOWANUS_GT3_3 24124	26.74 1.27 0.00	26.62 1.16 0.00	25.60 1.15 0.00	26.78 1.20 0.00	26.28 1.11 0.00	26.57 1.13 0.00	121.98 5.52 0.00	57.29 2.55 0.00	42.26 1.22 -17.26	35.02 0.92 -16.24	36.69 1.01 -15.30	42.32 0.95 -21.92	42.95 1.16 -20.27	39.47 0.96 -19.63	35.79 1.29 -9.62	45.12 2.16 -0.59	48.08 2.36 0.00	53.79 2.96 0.00	61.51 3.01 0.00	41.56 2.07 0.00	36.31 1.97 0.00	36.77 2.05 0.00	32.38 1.90 0.00	29.16 1.69 0.00
GOWANUS_GT3_4 24125	26.74 1.27 0.00	26.62 1.16 0.00	25.60 1.15 0.00	26.78 1.20 0.00	26.28 1.11 0.00	26.57 1.13 0.00	121.98 5.52 0.00	57.29 2.55 0.00	42.26 1.22 -17.26	35.02 0.92 -16.24	36.69 1.01 -15.30	42.32 0.95 -21.92	42.95 1.16 -20.27	39.47 0.96 -19.63	35.79 1.29 -9.62	45.12 2.16 -0.59	48.08 2.36 0.00	53.79 2.96 0.00	61.51 3.01 0.00	41.56 2.07 0.00	36.31 1.97 0.00	36.77 2.05 0.00	32.38 1.90 0.00	29.16 1.69 0.00
GOWANUS_GT3_5 24126	26.74 1.27 0.00	26.62 1.16 0.00	25.60 1.15 0.00	26.78 1.20 0.00	26.28 1.11 0.00	26.57 1.13 0.00	121.98 5.52 0.00	57.29 2.55 0.00	42.26 1.22 -17.26	35.02 0.92 -16.24	36.69 1.01 -15.30	42.32 0.95 -21.92	42.95 1.16 -20.27	39.47 0.96 -19.63	35.79 1.29 -9.62	45.12 2.16 -0.59	48.08 2.36 0.00	53.79 2.96 0.00	61.51 3.01 0.00	41.56 2.07 0.00	36.31 1.97 0.00	36.77 2.05 0.00	32.38 1.90 0.00	29.16 1.69 0.00
GOWANUS_GT3_6 24127	26.74 1.27 0.00	26.62 1.16 0.00	25.60 1.15 0.00	26.78 1.20 0.00	26.28 1.11 0.00	26.57 1.13 0.00	121.98 5.52 0.00	57.29 2.55 0.00	42.26 1.22 -17.26	35.02 0.92 -16.24	36.69 1.01 -15.30	42.32 0.95 -21.92	42.95 1.16 -20.27	39.47 0.96 -19.63	35.79 1.29 -9.62	45.12 2.16 -0.59	48.08 2.36 0.00	53.79 2.96 0.00	61.51 3.01 0.00	41.56 2.07 0.00	36.31 1.97 0.00	36.77 2.05 0.00	32.38 1.90 0.00	29.16 1.69 0.00
GOWANUS_GT3_7 24128	26.74 1.27 0.00	26.62 1.16 0.00	25.60 1.15 0.00	26.78 1.20 0.00	26.28 1.11 0.00	26.57 1.13 0.00	121.98 5.52 0.00	57.29 2.55 0.00	42.26 1.22 -17.26	35.02 0.92 -16.24	36.69 1.01 -15.30	42.32 0.95 -21.92	42.95 1.16 -20.27	39.47 0.96 -19.63	35.79 1.29 -9.62	45.12 2.16 -0.59	48.08 2.36 0.00	53.79 2.96 0.00	61.51 3.01 0.00	41.56 2.07 0.00	36.31 1.97 0.00	36.77 2.05 0.00	32.38 1.90 0.00	29.16 1.69 0.00
GOWANUS_GT3_8 24129	26.74 1.27 0.00	26.62 1.16 0.00	25.60 1.15 0.00	26.78 1.20 0.00	26.28 1.11 0.00	26.57 1.13 0.00	121.98 5.52 0.00	57.29 2.55 0.00	42.26 1.22 -17.26	35.02 0.92 -16.24	36.69 1.01 -15.30	42.32 0.95 -21.92	42.95 1.16 -20.27	39.47 0.96 -19.63	35.79 1.29 -9.62	45.12 2.16 -0.59	48.08 2.36 0.00	53.79 2.96 0.00	61.51 3.01 0.00	41.56 2.07 0.00	36.31 1.97 0.00	36.77 2.05 0.00	32.38 1.90 0.00	29.16 1.69 0.00
GOWANUS_GT4_1 24130	26.73 1.25 0.00	26.60 1.14 0.00	25.58 1.13 0.00	26.75 1.17 0.00	26.26 1.09 0.00	26.55 1.11 0.00	121.86 5.40 0.00	57.26 2.52 0.00	42.25 1.21 -17.26	35.02 0.91 -16.24	36.69 1.02 -15.30	42.33 0.95 -21.92	42.96 1.16 -20.27	39.47 0.96 -19.63	35.28 1.30 -9.11	45.09 2.12 -0.59	48.04 2.32 0.00	53.77 2.94 0.00	61.48 2.98 0.00	41.54 2.05 0.00	36.28 1.93 0.00	36.75 2.03 0.00	32.37 1.88 0.00	29.15 1.67 0.00
GOWANUS_GT4_2 24131	26.73 1.25 0.00	26.60 1.14 0.00	25.58 1.13 0.00	26.75 1.17 0.00	26.26 1.09 0.00	26.55 1.11 0.00	121.86 5.40 0.00	57.26 2.52 0.00	42.25 1.21 -17.26	35.02 0.91 -16.24	36.69 1.02 -15.30	42.33 0.95 -21.92	42.96 1.16 -20.27	39.47 0.96 -19.63	35.28 1.30 -9.11	45.09 2.12 -0.59	48.04 2.32 0.00	53.77 2.94 0.00	61.48 2.98 0.00	41.54 2.05 0.00	36.28 1.93 0.00	36.75 2.03 0.00	32.37 1.88 0.00	29.15 1.67 0.00



GOWANUS_GT4_3 24132	26.73 1.25 0.00	26.60 1.14 0.00	25.58 1.13 0.00	26.75 1.17 0.00	26.26 1.09 0.00	26.55 1.11 0.00	121.86 5.40 0.00	57.26 2.52 0.00	42.25 1.21 -17.26	35.02 0.91 -16.24	36.69 1.02 -15.30	42.33 0.95 -21.92	42.96 1.16 -20.27	39.47 0.96 -19.63	35.28 1.30 -9.11	45.09 2.12 -0.59	48.04 2.32 0.00	53.77 2.94 0.00	61.48 2.98 0.00	41.54 2.05 0.00	36.28 1.93 0.00	36.75 2.03 0.00	32.37 1.88 0.00	29.15 1.67 0.00
GOWANUS_GT4_4 24133	26.73 1.25 0.00	26.60 1.14 0.00	25.58 1.13 0.00	26.75 1.17 0.00	26.26 1.09 0.00	26.55 1.11 0.00	121.86 5.40 0.00	57.26 2.52 0.00	42.25 1.21 -17.26	35.02 0.91 -16.24	36.69 1.02 -15.30	42.33 0.95 -21.92	42.96 1.16 -20.27	39.47 0.96 -19.63	35.28 1.30 -9.11	45.09 2.12 -0.59	48.04 2.32 0.00	53.77 2.94 0.00	61.48 2.98 0.00	41.54 2.05 0.00	36.28 1.93 0.00	36.75 2.03 0.00	32.37 1.88 0.00	29.15 1.67 0.00
GOWANUS_GT4_5 24134	26.73 1.25 0.00	26.60 1.14 0.00	25.58 1.13 0.00	26.75 1.17 0.00	26.26 1.09 0.00	26.55 1.11 0.00	121.86 5.40 0.00	57.26 2.52 0.00	42.25 1.21 -17.26	35.02 0.91 -16.24	36.69 1.02 -15.30	42.33 0.95 -21.92	42.96 1.16 -20.27	39.47 0.96 -19.63	35.28 1.30 -9.11	45.09 2.12 -0.59	48.04 2.32 0.00	53.77 2.94 0.00	61.48 2.98 0.00	41.54 2.05 0.00	36.28 1.93 0.00	36.75 2.03 0.00	32.37 1.88 0.00	29.15 1.67 0.00
GOWANUS_GT4_6 24135	26.73 1.25 0.00	26.60 1.14 0.00	25.58 1.13 0.00	26.75 1.17 0.00	26.26 1.09 0.00	26.55 1.11 0.00	121.86 5.40 0.00	57.26 2.52 0.00	42.25 1.21 -17.26	35.02 0.91 -16.24	36.69 1.02 -15.30	42.33 0.95 -21.92	42.96 1.16 -20.27	39.47 0.96 -19.63	35.28 1.30 -9.11	45.09 2.12 -0.59	48.04 2.32 0.00	53.77 2.94 0.00	61.48 2.98 0.00	41.54 2.05 0.00	36.28 1.93 0.00	36.75 2.03 0.00	32.37 1.88 0.00	29.15 1.67 0.00
GOWANUS_GT4_7 24136	26.73 1.25 0.00	26.60 1.14 0.00	25.58 1.13 0.00	26.75 1.17 0.00	26.26 1.09 0.00	26.55 1.11 0.00	121.86 5.40 0.00	57.26 2.52 0.00	42.25 1.21 -17.26	35.02 0.91 -16.24	36.69 1.02 -15.30	42.33 0.95 -21.92	42.96 1.16 -20.27	39.47 0.96 -19.63	35.28 1.30 -9.11	45.09 2.12 -0.59	48.04 2.32 0.00	53.77 2.94 0.00	61.48 2.98 0.00	41.54 2.05 0.00	36.28 1.93 0.00	36.75 2.03 0.00	32.37 1.88 0.00	29.15 1.67 0.00
GOWANUS_GT4_8 24137	26.73 1.25 0.00	26.60 1.14 0.00	25.58 1.13 0.00	26.75 1.17 0.00	26.26 1.09 0.00	26.55 1.11 0.00	121.86 5.40 0.00	57.26 2.52 0.00	42.25 1.21 -17.26	35.02 0.91 -16.24	36.69 1.02 -15.30	42.33 0.95 -21.92	42.96 1.16 -20.27	39.47 0.96 -19.63	35.28 1.30 -9.11	45.09 2.12 -0.59	48.04 2.32 0.00	53.77 2.94 0.00	61.48 2.98 0.00	41.54 2.05 0.00	36.28 1.93 0.00	36.75 2.03 0.00	32.37 1.88 0.00	29.15 1.67 0.00
GREENBSH_115KV_TB3 55895	25.59 0.12 0.00	25.61 0.14 0.00	24.60 0.16 0.00	25.80 0.21 0.00	25.33 0.17 0.00	25.54 0.09 0.00	117.00 0.54 0.00	55.19 0.45 0.00	23.96 0.18 0.00	17.92 0.07 0.00	20.57 0.20 0.00	19.60 0.14 0.00	21.73 0.21 0.00	19.09 0.23 0.00	25.17 0.28 0.00	42.88 0.51 0.00	46.12 0.40 0.00	51.67 0.84 0.00	59.36 0.86 0.00	40.11 0.61 0.00	34.89 0.54 0.00	35.29 0.57 0.00	31.00 0.52 0.00	27.92 0.45 0.00
GREENIDGE_115KV_TB5 80291	25.96 0.49 0.00	25.91 0.45 0.00	24.87 0.43 0.00	25.93 0.34 0.00	25.54 0.37 0.00	25.86 0.42 0.00	118.86 2.41 0.00	55.53 0.78 0.00	24.23 0.45 0.00	18.02 0.16 0.00	20.49 0.11 0.00	19.65 0.19 0.00	21.61 0.08 0.00	18.79 -0.08 0.00	24.61 -0.27 0.00	41.81 -0.57 0.00	45.60 -0.12 0.00	50.63 -0.19 0.00	57.87 -0.63 0.00	38.91 -0.58 0.00	33.63 -0.72 0.00	34.16 -0.56 0.00	29.80 -0.68 0.00	26.82 -0.66 0.00
GREENIDGE___3 23582	25.96 0.49 0.00	25.91 0.45 0.00	24.87 0.43 0.00	25.93 0.34 0.00	25.54 0.37 0.00	25.86 0.42 0.00	118.86 2.41 0.00	55.53 0.78 0.00	24.23 0.45 0.00	18.02 0.16 0.00	20.49 0.11 0.00	19.65 0.19 0.00	21.61 0.08 0.00	18.79 -0.08 0.00	24.61 -0.27 0.00	41.81 -0.57 0.00	45.60 -0.12 0.00	50.63 -0.19 0.00	57.87 -0.63 0.00	38.91 -0.58 0.00	33.63 -0.72 0.00	34.16 -0.56 0.00	29.80 -0.68 0.00	26.82 -0.66 0.00
GREENIDGE___4 23583	25.96 0.49 0.00	25.91 0.45 0.00	24.87 0.43 0.00	25.93 0.34 0.00	25.53 0.37 0.00	25.87 0.42 0.00	118.86 2.40 0.00	55.53 0.79 0.00	24.22 0.44 0.00	18.01 0.15 0.00	20.47 0.10 0.00	19.63 0.18 0.00	21.60 0.07 0.00	18.78 -0.09 0.00	24.60 -0.28 0.00	41.81 -0.56 0.00	45.60 -0.12 0.00	50.63 -0.19 0.00	57.87 -0.64 0.00	38.91 -0.58 0.00	33.62 -0.72 0.00	34.16 -0.56 0.00	29.80 -0.68 0.00	26.82 -0.66 0.00
GREENLWN_69_KV_BK 3 55738	26.50 1.02 0.00	26.32 0.85 0.00	25.34 0.90 0.00	26.51 0.93 0.00	25.83 0.66 0.00	25.92 0.47 0.00	118.77 2.31 0.00	55.78 1.03 0.00	23.83 0.95 0.90	17.86 0.85 0.85	20.49 0.91 0.80	19.21 0.91 1.14	21.64 1.17 1.05	18.82 0.97 1.02	43.94 1.63 -17.43	45.32 2.30 -0.65	47.79 2.07 0.00	52.67 1.84 0.00	60.50 2.00 0.00	41.18 1.69 0.00	36.24 1.89 0.00	36.57 1.85 0.00	41.20 2.17 -8.54	38.69 2.01 -9.20
GREENWD_138_KV_38B11_REV_LBMP_J 345004	26.74 1.26 0.00	26.62 1.16 0.00	25.59 1.15 0.00	26.78 1.20 0.00	26.28 1.11 0.00	26.57 1.13 0.00	121.97 5.51 0.00	57.30 2.55 0.00	42.27 1.23 -17.26	35.03 0.93 -16.24	36.71 1.04 -15.30	42.35 0.97 -21.92	42.97 1.18 -20.27	39.48 0.98 -19.63	35.82 1.32 -9.62	45.12 2.16 -0.59	48.08 2.36 0.00	53.80 2.97 0.00	61.53 3.03 0.00	41.57 2.07 0.00	36.31 1.96 0.00	36.78 2.05 0.00	32.38 1.90 0.00	29.16 1.69 0.00
GRISSOM___SOLAR 323813	27.03 1.55 0.00	26.98 1.52 0.00	25.89 1.44 0.00	27.10 1.52 0.00	26.70 1.53 0.00	27.10 1.66 0.00	124.56 8.10 0.00	58.34 3.60 0.00	24.62 0.84 0.00	18.15 0.29 0.00	20.65 0.27 0.00	19.73 0.28 0.00	21.83 0.30 0.00	19.06 0.19 0.00	25.25 0.37 0.00	44.04 1.66 0.00	48.53 2.81 0.00	54.33 3.51 0.00	62.43 3.92 0.00	42.07 2.58 0.00	36.46 2.11 0.00	36.83 2.11 0.00	32.28 1.80 0.00	29.00 1.53 0.00
GROVEVILLE___HYD 323602	26.71 1.23 0.00	26.59 1.12 0.00	25.56 1.11 0.00	26.76 1.17 0.00	26.28 1.11 0.00	26.57 1.12 0.00	122.18 5.72 0.00	57.43 2.69 0.00	25.04 1.26 0.00	18.84 0.98 0.00	21.46 1.09 0.00	20.44 0.99 0.00	22.72 1.19 0.00	19.85 0.98 0.00	26.20 1.32 0.00	44.56 2.19 0.00	48.15 2.43 0.00	53.84 3.02 0.00	61.68 3.18 0.00	41.63 2.13 0.00	36.27 1.93 0.00	36.72 2.00 0.00	32.29 1.80 0.00	29.07 1.59 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	25.22 -0.26 0.00	25.21 -0.25 0.00	24.20 -0.24 0.00	25.29 -0.29 0.00	24.91 -0.25 0.00	25.25 -0.20 0.00	115.70 -0.75 0.00	54.27 -0.47 0.00	23.57 -0.21 0.00	17.67 -0.19 0.00	20.15 -0.22 0.00	19.27 -0.18 0.00	21.27 -0.26 0.00	18.61 -0.26 0.00	24.55 -0.33 0.00	41.99 -0.39 0.00	45.41 -0.31 0.00	50.55 -0.28 0.00	58.04 -0.46 0.00	39.16 -0.33 0.00	34.02 -0.33 0.00	34.38 -0.34 0.00	30.13 -0.36 0.00	27.13 -0.35 0.00



HAMLTNNY_34_KV_TB 80303	25.25 -0.22 0.00	25.25 -0.22 0.00	24.23 -0.22 0.00	25.32 -0.27 0.00	24.94 -0.22 0.00	25.28 -0.16 0.00	115.93 -0.53 0.00	54.37 -0.37 0.00	23.61 -0.17 0.00	17.69 -0.17 0.00	20.17 -0.21 0.00	19.27 -0.18 0.00	21.27 -0.26 0.00	18.60 -0.27 0.00	24.54 -0.34 0.00	42.00 -0.37 0.00	45.45 -0.28 0.00	50.60 -0.23 0.00	58.09 -0.41 0.00	39.17 -0.32 0.00	34.01 -0.33 0.00	34.37 -0.35 0.00	30.12 -0.37 0.00	27.13 -0.35 0.00
HAMPSHIRE___PAPER_HYD 323593	27.01 1.53 0.00	26.96 1.49 0.00	25.87 1.43 0.00	27.12 1.53 0.00	26.81 1.65 0.00	27.23 1.79 0.00	124.90 8.45 0.00	59.09 4.34 0.00	25.11 1.33 0.00	18.42 0.56 0.00	20.95 0.58 0.00	20.07 0.62 0.00	22.24 0.71 0.00	19.41 0.54 0.00	25.52 0.64 0.00	43.99 1.61 0.00	49.15 3.42 0.00	55.21 4.39 0.00	63.46 4.95 0.00	42.77 3.28 0.00	37.11 2.77 0.00	37.31 2.59 0.00	32.17 1.68 0.00	28.48 1.00 0.00
HARDSCRABBLE_WT_PWR 323673	25.60 0.12 0.00	25.56 0.09 0.00	24.54 0.09 0.00	25.71 0.12 0.00	25.33 0.17 0.00	25.65 0.20 0.00	118.21 1.76 0.00	55.54 0.80 0.00	23.80 0.02 0.00	17.62 -0.24 0.00	20.13 -0.24 0.00	19.18 -0.27 0.00	21.25 -0.28 0.00	18.69 -0.18 0.00	24.67 -0.21 0.00	42.59 0.21 0.00	46.15 0.43 0.00	51.85 1.02 0.00	59.46 0.96 0.00	39.97 0.48 0.00	34.37 0.02 0.00	34.75 0.03 0.00	30.52 0.03 0.00	27.47 -0.01 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	26.58 1.10 0.00	26.46 1.00 0.00	25.44 0.99 0.00	26.63 1.05 0.00	26.14 0.98 0.00	26.41 0.97 0.00	121.49 5.03 0.00	57.07 2.33 0.00	24.90 1.11 0.00	18.75 0.89 0.00	21.35 0.98 0.00	20.35 0.90 0.00	22.63 1.11 0.00	19.76 0.89 0.00	26.05 1.17 0.00	43.62 1.91 0.66	47.89 2.16 0.00	53.55 2.73 0.00	61.30 2.80 0.00	41.35 1.86 0.00	36.04 1.70 0.00	36.50 1.78 0.00	32.10 1.61 0.00	28.92 1.44 0.00
HARSNRAD_115KV_TB1 81005	24.95 -0.53 0.00	25.15 -0.32 0.00	24.01 -0.43 0.00	24.85 -0.73 0.00	24.62 -0.54 0.00	25.09 -0.36 0.00	113.65 -2.81 0.00	52.39 -2.36 0.00	23.06 -0.72 0.00	17.37 -0.49 0.00	19.84 -0.53 0.00	19.10 -0.35 0.00	20.94 -0.59 0.00	17.97 -0.90 0.00	23.45 -1.43 0.00	39.30 -3.08 0.00	42.31 -3.42 0.00	46.40 -4.42 0.00	52.78 -5.72 0.00	35.70 -3.79 0.00	31.01 -3.34 0.00	31.28 -3.44 0.00	27.56 -2.92 0.00	25.04 -2.44 0.00
HARZA MOOSE___RIVER 24016	26.39 0.91 0.00	26.31 0.85 0.00	25.28 0.83 0.00	26.50 0.92 0.00	26.17 1.00 0.00	26.55 1.10 0.00	121.93 5.48 0.00	57.61 2.87 0.00	24.86 1.08 0.00	18.40 0.54 0.00	20.93 0.56 0.00	20.01 0.56 0.00	22.13 0.61 0.00	19.36 0.49 0.00	25.41 0.53 0.00	43.60 1.22 0.00	47.93 2.21 0.00	53.62 2.80 0.00	61.64 3.13 0.00	41.61 2.11 0.00	36.10 1.76 0.00	36.38 1.65 0.00	31.55 1.06 0.00	28.00 0.53 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	25.03 -0.45 0.00	25.03 -0.43 0.00	24.03 -0.42 0.00	25.11 -0.47 0.00	24.73 -0.43 0.00	25.04 -0.40 0.00	114.66 -1.80 0.00	53.80 -0.95 0.00	23.39 -0.39 0.00	17.54 -0.32 0.00	20.01 -0.36 0.00	19.12 -0.32 0.00	21.12 -0.41 0.00	18.47 -0.40 0.00	24.38 -0.50 0.00	41.67 -0.71 0.00	45.03 -0.69 0.00	50.11 -0.72 0.00	57.52 -0.98 0.00	38.82 -0.67 0.00	33.76 -0.58 0.00	34.11 -0.62 0.00	29.91 -0.58 0.00	26.94 -0.54 0.00
HELLGATE_13_KV_LD 55870	26.64 1.17 0.00	26.51 1.04 0.00	25.50 1.05 0.00	26.66 1.08 0.00	26.17 1.01 0.00	26.46 1.01 0.00	121.40 4.94 0.00	57.13 2.39 0.00	42.20 1.16 -17.26	35.02 0.92 -16.24	36.72 1.05 -15.30	42.32 0.95 -21.92	42.95 1.16 -20.27	39.45 0.95 -19.63	35.77 1.27 -9.62	45.01 2.05 -0.59	47.98 2.25 0.00	53.62 2.79 0.00	61.35 3.13 0.00	41.40 2.11 0.00	36.11 1.77 0.00	36.56 1.84 0.00	32.20 1.72 0.00	29.02 1.54 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	26.64 1.17 0.00	26.51 1.04 0.00	25.50 1.05 0.00	26.66 1.08 0.00	26.17 1.01 0.00	26.46 1.01 0.00	121.40 4.94 0.00	57.13 2.39 0.00	42.20 1.16 -17.26	35.02 0.92 -16.24	36.72 1.05 -15.30	42.32 0.95 -21.92	42.95 1.16 -20.27	39.45 0.95 -19.63	35.77 1.27 -9.62	45.01 2.05 -0.59	47.98 2.25 0.00	53.62 2.79 0.00	61.35 3.13 0.00	41.40 2.11 0.00	36.11 1.77 0.00	36.56 1.84 0.00	32.20 1.72 0.00	29.02 1.54 0.00
HEMPSTEAD____ 23647	26.55 1.08 0.00	26.39 0.92 0.00	25.39 0.94 0.00	26.56 0.97 0.00	25.94 0.77 0.00	26.11 0.66 0.00	119.79 3.34 0.00	56.29 1.55 0.00	23.95 1.07 0.90	17.92 0.91 0.85	20.58 1.01 0.80	19.26 0.96 1.14	21.68 1.21 1.05	18.85 1.00 1.02	43.88 1.57 -17.43	45.31 2.28 -0.65	47.95 2.23 0.00	53.11 2.28 0.00	60.93 2.42 0.00	41.36 1.86 0.00	36.30 1.95 0.00	36.65 1.93 0.00	41.12 2.09 -8.54	38.58 1.90 -9.20
HEWLETT_69_KV_BK3 55828	26.79 1.31 0.00	26.60 1.14 0.00	25.59 1.15 0.00	26.78 1.19 0.00	26.12 0.96 0.00	26.29 0.85 0.00	120.60 4.14 0.00	56.61 1.87 0.00	24.12 1.24 0.90	18.07 1.05 0.85	20.76 1.18 0.80	19.45 1.14 1.14	21.88 1.41 1.05	19.02 1.18 1.02	44.13 1.82 -17.43	45.71 2.68 -0.65	48.38 2.66 0.00	53.54 2.72 0.00	61.44 2.94 0.00	41.74 2.24 0.00	36.65 2.30 0.00	37.02 2.30 0.00	41.44 2.41 -8.54	38.86 2.18 -9.20
HICKLING___1 23621	26.14 0.66 0.00	26.00 0.53 0.00	24.96 0.51 0.00	26.00 0.42 0.00	25.57 0.40 0.00	25.79 0.34 0.00	119.80 3.34 0.00	55.51 0.76 0.00	24.12 0.34 0.00	18.16 0.30 0.00	20.71 0.34 0.00	19.93 0.48 0.00	21.90 0.37 0.00	19.06 0.19 0.00	24.87 -0.01 0.00	42.14 -0.23 0.00	45.45 -0.28 0.00	50.31 -0.51 0.00	57.59 -0.92 0.00	38.56 -0.93 0.00	33.27 -1.07 0.00	33.74 -0.98 0.00	29.46 -1.03 0.00	26.59 -0.89 0.00
HICKLING___2 23622	26.14 0.66 0.00	26.00 0.53 0.00	24.96 0.51 0.00	26.00 0.42 0.00	25.57 0.40 0.00	25.79 0.34 0.00	119.80 3.34 0.00	55.51 0.76 0.00	24.12 0.34 0.00	18.16 0.30 0.00	20.71 0.34 0.00	19.93 0.48 0.00	21.90 0.37 0.00	19.06 0.19 0.00	24.87 -0.01 0.00	42.14 -0.23 0.00	45.45 -0.28 0.00	50.31 -0.51 0.00	57.59 -0.92 0.00	38.56 -0.93 0.00	33.27 -1.07 0.00	33.74 -0.98 0.00	29.46 -1.03 0.00	26.59 -0.89 0.00
HIGH FALLS___HY 23754	26.76 1.28 0.00	26.62 1.16 0.00	25.59 1.14 0.00	26.81 1.22 0.00	26.31 1.15 0.00	26.61 1.17 0.00	122.49 6.03 0.00	57.56 2.81 0.00	25.09 1.31 0.00	18.87 1.01 0.00	21.41 1.04 0.00	20.37 0.92 0.00	22.63 1.10 0.00	19.76 0.89 0.00	26.09 1.21 0.00	44.44 2.06 0.00	48.16 2.43 0.00	53.88 3.05 0.00	61.71 3.21 0.00	41.67 2.17 0.00	36.31 1.97 0.00	36.76 2.04 0.00	32.31 1.83 0.00	29.09 1.62 0.00
HIGH_RIVER___SOLAR 323847	26.45 0.97 0.00	26.41 0.95 0.00	25.35 0.91 0.00	26.57 0.99 0.00	26.13 0.97 0.00	26.47 1.02 0.00	121.44 4.99 0.00	56.99 2.24 0.00	24.39 0.60 0.00	18.05 0.19 0.00	20.50 0.13 0.00	19.55 0.10 0.00	21.64 0.12 0.00	18.98 0.11 0.00	25.23 0.34 0.00	43.58 1.20 0.00	47.54 1.81 0.00	53.15 2.33 0.00	61.07 2.57 0.00	41.21 1.71 0.00	35.77 1.43 0.00	36.16 1.44 0.00	31.73 1.25 0.00	28.55 1.07 0.00



HILLBURN___GT 23639	26.51 1.03 0.00	26.39 0.92 0.00	25.37 0.93 0.00	26.57 0.98 0.00	26.07 0.90 0.00	26.32 0.87 0.00	121.06 4.60 0.00	56.94 2.20 0.00	24.87 1.08 0.00	18.75 0.89 0.00	21.35 0.98 0.00	20.34 0.89 0.00	22.64 1.11 0.00	19.76 0.89 0.00	26.03 1.15 0.00	43.43 1.82 0.76	47.77 2.05 0.00	53.40 2.57 0.00	61.12 2.62 0.00	41.23 1.74 0.00	35.94 1.60 0.00	36.43 1.70 0.00	32.07 1.58 0.00	28.91 1.43 0.00
HILLSIDE_115KV_TB1 80332	25.89 0.42 0.00	25.71 0.24 0.00	24.67 0.23 0.00	25.73 0.14 0.00	25.31 0.15 0.00	25.47 0.03 0.00	118.72 2.27 0.00	54.82 0.08 0.00	23.83 0.05 0.00	18.02 0.16 0.00	20.56 0.18 0.00	19.78 0.33 0.00	21.74 0.21 0.00	18.93 0.07 0.00	24.69 -0.19 0.00	41.85 -0.53 0.00	45.04 -0.68 0.00	50.00 -0.83 0.00	57.39 -1.12 0.00	38.43 -1.07 0.00	33.18 -1.16 0.00	33.67 -1.06 0.00	29.41 -1.08 0.00	26.55 -0.93 0.00
HISHELDN_WT_PWR 323625	25.35 -0.12 0.00	25.48 0.01 0.00	24.37 -0.08 0.00	25.26 -0.32 0.00	24.88 -0.29 0.00	25.26 -0.19 0.00	115.27 -1.18 0.00	53.39 -1.35 0.00	23.38 -0.40 0.00	17.55 -0.31 0.00	20.11 -0.26 0.00	19.38 -0.07 0.00	21.29 -0.24 0.00	18.31 -0.56 0.00	23.85 -1.03 0.00	40.15 -2.23 0.00	43.15 -2.57 0.00	47.16 -3.67 0.00	53.56 -4.95 0.00	36.02 -3.47 0.00	31.22 -3.13 0.00	31.61 -3.11 0.00	27.72 -2.76 0.00	25.11 -2.37 0.00
HOLTSVILLE_IC_1 23690	26.34 0.86 0.00	26.15 0.69 0.00	25.19 0.74 0.00	26.36 0.78 0.00	25.62 0.45 0.00	25.71 0.27 0.00	117.94 1.49 0.00	55.51 0.77 0.00	23.81 0.93 0.90	17.81 0.79 0.85	20.31 0.74 0.80	19.08 0.77 1.14	21.51 1.03 1.05	18.71 0.86 1.02	43.94 1.62 -17.43	45.33 2.30 -0.65	47.84 2.11 0.00	52.30 1.48 0.00	60.17 1.67 0.00	41.13 1.63 0.00	36.27 1.92 0.00	36.50 1.78 0.00	41.19 2.16 -8.54	38.69 2.02 -9.20
HOLTSVILLE_IC_10 23699	26.39 0.92 0.00	26.21 0.74 0.00	25.25 0.80 0.00	26.42 0.84 0.00	25.67 0.51 0.00	25.78 0.33 0.00	118.34 1.88 0.00	55.72 0.97 0.00	23.90 1.02 0.90	17.87 0.86 0.85	20.35 0.78 0.80	27.32 0.81 -7.05	33.64 1.08 -11.03	26.06 0.91 -6.28	44.05 1.73 -17.43	45.55 2.53 -0.65	48.10 2.38 0.00	52.52 1.69 0.00	60.43 1.93 0.00	41.35 1.85 0.00	36.46 2.12 0.00	36.68 1.95 0.00	41.31 2.28 -8.54	38.79 2.11 -9.20
HOLTSVILLE_IC_2 23691	26.34 0.86 0.00	26.15 0.69 0.00	25.19 0.74 0.00	26.36 0.78 0.00	25.62 0.45 0.00	25.71 0.27 0.00	117.94 1.49 0.00	55.51 0.77 0.00	23.81 0.93 0.90	17.81 0.79 0.85	20.31 0.74 0.80	19.08 0.77 1.14	21.51 1.03 1.05	18.71 0.86 1.02	43.94 1.62 -17.43	45.33 2.30 -0.65	47.84 2.11 0.00	52.30 1.48 0.00	60.17 1.67 0.00	41.13 1.63 0.00	36.27 1.92 0.00	36.50 1.78 0.00	41.19 2.16 -8.54	38.69 2.02 -9.20
HOLTSVILLE_IC_3 23692	26.34 0.86 0.00	26.15 0.69 0.00	25.19 0.74 0.00	26.36 0.78 0.00	25.62 0.45 0.00	25.71 0.27 0.00	117.94 1.49 0.00	55.51 0.77 0.00	23.81 0.93 0.90	17.81 0.79 0.85	20.31 0.74 0.80	19.08 0.77 1.14	21.51 1.03 1.05	18.71 0.86 1.02	43.94 1.62 -17.43	45.33 2.30 -0.65	47.84 2.11 0.00	52.30 1.48 0.00	60.17 1.67 0.00	41.13 1.63 0.00	36.27 1.92 0.00	36.50 1.78 0.00	41.19 2.16 -8.54	38.69 2.02 -9.20
HOLTSVILLE_IC_4 23693	26.34 0.86 0.00	26.15 0.69 0.00	25.19 0.74 0.00	26.36 0.78 0.00	25.62 0.45 0.00	25.71 0.27 0.00	117.94 1.49 0.00	55.51 0.77 0.00	23.81 0.93 0.90	17.81 0.79 0.85	20.31 0.74 0.80	19.08 0.77 1.14	21.51 1.03 1.05	18.71 0.86 1.02	43.94 1.62 -17.43	45.33 2.30 -0.65	47.84 2.11 0.00	52.30 1.48 0.00	60.17 1.67 0.00	41.13 1.63 0.00	36.27 1.92 0.00	36.50 1.78 0.00	41.19 2.16 -8.54	38.69 2.02 -9.20
HOLTSVILLE_IC_5 23694	26.34 0.86 0.00	26.15 0.69 0.00	25.19 0.74 0.00	26.36 0.78 0.00	25.62 0.45 0.00	25.71 0.27 0.00	117.94 1.49 0.00	55.51 0.77 0.00	23.81 0.93 0.90	17.81 0.79 0.85	20.31 0.74 0.80	19.08 0.77 1.14	21.51 1.03 1.05	18.71 0.86 1.02	43.94 1.62 -17.43	45.33 2.30 -0.65	47.84 2.11 0.00	52.30 1.48 0.00	60.17 1.67 0.00	41.13 1.63 0.00	36.27 1.92 0.00	36.50 1.78 0.00	41.19 2.16 -8.54	38.69 2.02 -9.20
HOLTSVILLE_IC_6 23695	26.39 0.92 0.00	26.21 0.74 0.00	25.25 0.80 0.00	26.42 0.84 0.00	25.67 0.51 0.00	25.78 0.33 0.00	118.34 1.88 0.00	55.72 0.97 0.00	23.90 1.02 0.90	17.87 0.86 0.85	20.35 0.78 0.80	27.32 0.81 -7.05	33.64 1.08 -11.03	26.06 0.91 -6.28	44.05 1.73 -17.43	45.55 2.53 -0.65	48.10 2.38 0.00	52.52 1.69 0.00	60.43 1.93 0.00	41.35 1.85 0.00	36.46 2.12 0.00	36.68 1.95 0.00	41.31 2.28 -8.54	38.79 2.11 -9.20
HOLTSVILLE_IC_7 23696	26.39 0.92 0.00	26.21 0.74 0.00	25.25 0.80 0.00	26.42 0.84 0.00	25.67 0.51 0.00	25.78 0.33 0.00	118.34 1.88 0.00	55.72 0.97 0.00	23.90 1.02 0.90	17.87 0.86 0.85	20.35 0.78 0.80	27.32 0.81 -7.05	33.64 1.08 -11.03	26.06 0.91 -6.28	44.05 1.73 -17.43	45.55 2.53 -0.65	48.10 2.38 0.00	52.52 1.69 0.00	60.43 1.93 0.00	41.35 1.85 0.00	36.46 2.12 0.00	36.68 1.95 0.00	41.31 2.28 -8.54	38.79 2.11 -9.20
HOLTSVILLE_IC_8 23697	26.39 0.92 0.00	26.21 0.74 0.00	25.25 0.80 0.00	26.42 0.84 0.00	25.67 0.51 0.00	25.78 0.33 0.00	118.34 1.88 0.00	55.72 0.97 0.00	23.90 1.02 0.90	17.87 0.86 0.85	20.35 0.78 0.80	27.32 0.81 -7.05	33.64 1.08 -11.03	26.06 0.91 -6.28	44.05 1.73 -17.43	45.55 2.53 -0.65	48.10 2.38 0.00	52.52 1.69 0.00	60.43 1.93 0.00	41.35 1.85 0.00	36.46 2.12 0.00	36.68 1.95 0.00	41.31 2.28 -8.54	38.79 2.11 -9.20
HOLTSVILLE_IC_9 23698	26.39 0.92 0.00	26.21 0.74 0.00	25.25 0.80 0.00	26.42 0.84 0.00	25.67 0.51 0.00	25.78 0.33 0.00	118.34 1.88 0.00	55.72 0.97 0.00	23.90 1.02 0.90	17.87 0.86 0.85	20.35 0.78 0.80	27.32 0.81 -7.05	33.64 1.08 -11.03	26.06 0.91 -6.28	44.05 1.73 -17.43	45.55 2.53 -0.65	48.10 2.38 0.00	52.52 1.69 0.00	60.43 1.93 0.00	41.35 1.85 0.00	36.46 2.12 0.00	36.68 1.95 0.00	41.31 2.28 -8.54	38.79 2.11 -9.20
HOMER_HL_115KV_TB2 355744	26.55 1.07 0.00	26.55 1.08 0.00	25.44 1.00 0.00	26.46 0.87 0.00	26.05 0.89 0.00	26.27 0.83 0.00	120.14 3.68 0.00	55.72 0.98 0.00	24.35 0.57 0.00	18.45 0.59 0.00	21.32 0.95 0.00	20.61 1.16 0.00	22.61 1.09 0.00	19.44 0.57 0.00	25.34 0.46 0.00	42.51 0.13 0.00	45.31 -0.42 0.00	49.86 -0.96 0.00	56.62 -1.89 0.00	38.06 -1.43 0.00	33.09 -1.26 0.00	33.47 -1.25 0.00	30.41 -1.01 -0.93	29.84 -0.54 -2.90
HOWARD_WT_PWR 323690	25.81 0.33 0.00	25.87 0.40 0.00	24.89 0.44 0.00	25.90 0.31 0.00	25.28 0.12 0.00	25.56 0.11 0.00	117.84 1.39 0.00	54.73 -0.02 0.00	23.94 0.16 0.00	17.93 0.07 0.00	20.40 0.03 0.00	19.66 0.21 0.00	21.64 0.11 0.00	18.70 -0.17 0.00	24.32 -0.56 0.00	41.29 -1.09 0.00	44.81 -0.91 0.00	48.79 -2.03 0.00	55.20 -3.30 0.00	36.66 -2.83 0.00	31.44 -2.91 0.00	31.91 -2.81 0.00	28.02 -2.65 -0.18	25.60 -2.43 -0.56



HQ_GEN_CEDARS 23644	27.49 2.01 0.00	27.46 2.00 0.00	26.35 1.90 0.00	27.59 2.00 0.00	27.28 2.12 0.00	27.72 2.27 0.00	126.97 10.51 0.00	60.23 5.49 0.00	25.41 1.63 0.00	18.59 0.74 0.00	21.13 0.76 0.00	20.26 0.81 0.00	22.42 0.90 0.00	19.59 0.72 0.00	25.77 0.89 0.00	44.43 2.06 0.00	49.83 4.11 0.00	56.02 5.19 0.00	64.40 5.90 0.00	43.35 3.85 0.00	37.62 3.27 0.00	37.75 3.03 0.00	32.60 2.11 0.00	29.02 1.54 0.00
HQ_GEN_CEDARS_PROXY 323590	27.49 2.01 0.00	27.47 2.00 0.00	26.35 1.90 0.00	27.59 2.00 0.00	27.28 2.12 0.00	27.72 2.27 0.00	126.97 10.52 0.00	60.23 5.49 0.00	25.41 1.63 0.00	18.59 0.74 0.00	21.14 0.76 0.00	20.26 0.81 0.00	22.42 0.90 0.00	19.59 0.72 0.00	25.77 0.89 0.00	44.43 2.06 0.00	49.83 4.10 0.00	56.02 5.19 0.00	64.40 5.89 0.00	43.34 3.85 0.00	37.61 3.27 0.00	37.75 3.03 0.00	32.60 2.11 0.00	29.02 1.54 0.00
HQ_GEN_IMPORT 323601	25.58 0.10 0.00	25.59 0.13 0.00	24.54 0.10 0.00	25.66 0.08 0.00	25.75 0.10 -0.48	25.55 0.10 0.00	116.59 0.14 0.00	54.91 0.16 0.00	23.82 0.04 0.00	17.92 0.06 0.00	20.41 0.04 0.00	19.51 0.05 0.00	21.03 0.06 0.55	18.95 0.08 0.00	25.01 0.13 0.00	42.51 0.13 0.00	45.88 0.15 0.00	50.70 -0.13 0.00	58.58 0.07 0.00	39.64 0.03 -0.11	34.38 0.03 0.00	34.73 0.00 0.00	30.49 0.01 0.00	27.53 0.05 0.00
HQ_GEN_WHEEL 23651	25.58 0.10 0.00	25.59 0.13 0.00	24.54 0.10 0.00	25.66 0.08 0.00	25.75 0.10 -0.48	25.55 0.10 0.00	116.59 0.14 0.00	54.91 0.16 0.00	23.82 0.04 0.00	17.92 0.06 0.00	20.41 0.04 0.00	19.51 0.05 0.00	21.03 0.06 0.55	18.95 0.08 0.00	25.01 0.13 0.00	42.51 0.13 0.00	45.88 0.15 0.00	50.70 -0.13 0.00	58.58 0.07 0.00	39.64 0.03 -0.11	34.38 0.03 0.00	34.73 0.00 0.00	30.49 0.01 0.00	27.53 0.05 0.00
HUDSON AVE_GT_3 23810	26.69 1.21 0.00	26.55 1.08 0.00	25.54 1.09 0.00	26.70 1.11 0.00	26.20 1.04 0.00	26.49 1.05 0.00	121.73 5.27 0.00	57.26 2.51 0.00	39.73 1.28 -14.67	32.69 1.02 -13.80	34.52 1.14 -13.00	39.14 1.06 -18.63	40.02 1.27 -17.22	36.60 1.04 -16.69	34.44 1.38 -8.17	45.15 2.19 -0.58	48.10 2.38 0.00	53.75 2.92 0.00	61.51 3.00 0.00	41.51 2.02 0.00	36.19 1.85 0.00	36.64 1.92 0.00	32.28 1.79 0.00	29.09 1.61 0.00
HUDSON AVE_GT_4 23540	26.69 1.21 0.00	26.55 1.08 0.00	25.54 1.09 0.00	26.70 1.11 0.00	26.20 1.04 0.00	26.49 1.05 0.00	121.73 5.27 0.00	57.26 2.51 0.00	39.73 1.28 -14.67	32.69 1.02 -13.80	34.52 1.14 -13.00	39.14 1.06 -18.63	40.02 1.27 -17.22	36.60 1.04 -16.69	34.44 1.38 -8.17	45.15 2.19 -0.58	48.10 2.38 0.00	53.75 2.92 0.00	61.51 3.00 0.00	41.51 2.02 0.00	36.19 1.85 0.00	36.64 1.92 0.00	32.28 1.79 0.00	29.09 1.61 0.00
HUDSON AVE_GT_5 23657	26.69 1.21 0.00	26.55 1.08 0.00	25.54 1.09 0.00	26.70 1.11 0.00	26.20 1.04 0.00	26.49 1.05 0.00	121.73 5.27 0.00	57.26 2.51 0.00	39.73 1.28 -14.67	32.69 1.02 -13.80	34.52 1.14 -13.00	39.14 1.06 -18.63	40.02 1.27 -17.22	36.60 1.04 -16.69	34.44 1.38 -8.17	45.15 2.19 -0.58	48.10 2.38 0.00	53.75 2.92 0.00	61.51 3.00 0.00	41.51 2.02 0.00	36.19 1.85 0.00	36.64 1.92 0.00	32.28 1.79 0.00	29.09 1.61 0.00
HUDSON_AVE_10 24168	26.57 1.10 0.00	26.44 0.98 0.00	25.44 0.99 0.00	26.59 1.01 0.00	26.10 0.93 0.00	26.40 0.95 0.00	121.26 4.80 0.00	57.04 2.30 0.00	39.64 1.20 -14.67	32.62 0.96 -13.80	34.42 1.05 -13.00	39.04 0.96 -18.63	39.92 1.17 -17.22	36.51 0.95 -16.69	34.32 1.26 -8.17	44.93 1.98 -0.58	47.89 2.16 0.00	53.53 2.71 0.00	61.26 2.75 0.00	41.33 1.84 0.00	36.03 1.69 0.00	36.49 1.77 0.00	32.16 1.68 0.00	28.99 1.51 0.00
HUDSON___115KV_TB 4 355613	26.16 0.68 0.00	26.17 0.71 0.00	25.15 0.71 0.00	26.37 0.79 0.00	25.93 0.76 0.00	26.20 0.76 0.00	120.18 3.72 0.00	56.73 1.99 0.00	24.43 0.65 0.00	18.13 0.27 0.00	20.74 0.37 0.00	19.74 0.29 0.00	21.86 0.33 0.00	19.22 0.35 0.00	25.40 0.51 0.00	43.59 1.21 0.00	47.22 1.50 0.00	53.03 2.20 0.00	60.99 2.49 0.00	41.19 1.70 0.00	35.79 1.44 0.00	36.13 1.41 0.00	31.69 1.20 0.00	28.51 1.03 0.00
HUNTER MOUNT___DRP 323613	26.27 0.79 0.00	26.30 0.84 0.00	25.27 0.82 0.00	26.51 0.92 0.00	26.07 0.90 0.00	26.36 0.92 0.00	120.96 4.50 0.00	57.13 2.39 0.00	24.53 0.75 0.00	18.14 0.27 0.00	20.75 0.38 0.00	19.74 0.29 0.00	21.85 0.32 0.00	19.22 0.35 0.00	25.41 0.53 0.00	43.73 1.35 0.00	47.46 1.73 0.00	53.37 2.54 0.00	61.42 2.91 0.00	41.47 1.97 0.00	36.00 1.65 0.00	36.31 1.59 0.00	31.83 1.34 0.00	28.62 1.14 0.00
HUNTINGTON_RES_REC 323705	26.47 0.99 0.00	26.28 0.82 0.00	25.31 0.86 0.00	26.48 0.90 0.00	25.77 0.60 0.00	25.87 0.42 0.00	118.64 2.18 0.00	55.77 1.03 0.00	23.87 0.99 0.90	17.86 0.85 0.85	20.43 0.85 0.80	19.17 0.86 1.14	21.59 1.12 1.05	18.79 0.94 1.02	43.99 1.67 -17.43	45.43 2.40 -0.65	47.95 2.22 0.00	52.66 1.83 0.00	60.56 2.05 0.00	41.31 1.81 0.00	36.38 2.04 0.00	36.66 1.94 0.00	41.28 2.25 -8.54	38.76 2.08 -9.20
HUNTLEY___63 23557	25.23 -0.25 0.00	25.42 -0.04 0.00	24.26 -0.19 0.00	25.11 -0.47 0.00	24.88 -0.29 0.00	25.35 -0.09 0.00	115.00 -1.45 0.00	53.00 -1.74 0.00	23.33 -0.45 0.00	17.59 -0.27 0.00	20.10 -0.27 0.00	19.35 -0.10 0.00	21.20 -0.32 0.00	18.20 -0.67 0.00	23.75 -1.13 0.00	39.84 -2.54 0.00	42.81 -2.91 0.00	46.96 -3.86 0.00	53.38 -5.12 0.00	36.11 -3.38 0.00	31.37 -2.98 0.00	31.62 -3.10 0.00	27.85 -2.64 0.00	25.28 -2.19 0.00
HUNTLEY___64 23558	25.23 -0.25 0.00	25.42 -0.04 0.00	24.26 -0.19 0.00	25.11 -0.47 0.00	24.88 -0.29 0.00	25.35 -0.09 0.00	115.00 -1.45 0.00	53.00 -1.74 0.00	23.33 -0.45 0.00	17.59 -0.27 0.00	20.10 -0.27 0.00	19.35 -0.10 0.00	21.20 -0.32 0.00	18.20 -0.67 0.00	23.75 -1.13 0.00	39.84 -2.54 0.00	42.81 -2.91 0.00	46.96 -3.86 0.00	53.38 -5.12 0.00	36.11 -3.38 0.00	31.37 -2.98 0.00	31.62 -3.10 0.00	27.85 -2.64 0.00	25.28 -2.19 0.00
HUNTLEY___65 23559	25.23 -0.25 0.00	25.42 -0.04 0.00	24.26 -0.19 0.00	25.11 -0.47 0.00	24.88 -0.29 0.00	25.35 -0.09 0.00	115.00 -1.45 0.00	53.00 -1.74 0.00	23.33 -0.45 0.00	17.59 -0.27 0.00	20.10 -0.27 0.00	19.35 -0.10 0.00	21.20 -0.32 0.00	18.20 -0.67 0.00	23.75 -1.13 0.00	39.84 -2.54 0.00	42.81 -2.91 0.00	46.96 -3.86 0.00	53.38 -5.12 0.00	36.11 -3.38 0.00	31.37 -2.98 0.00	31.62 -3.10 0.00	27.85 -2.64 0.00	25.28 -2.19 0.00
HUNTLEY___66 23560	25.23 -0.25 0.00	25.42 -0.04 0.00	24.26 -0.19 0.00	25.11 -0.47 0.00	24.88 -0.29 0.00	25.35 -0.09 0.00	115.00 -1.45 0.00	53.00 -1.74 0.00	23.33 -0.45 0.00	17.59 -0.27 0.00	20.10 -0.27 0.00	19.35 -0.10 0.00	21.20 -0.32 0.00	18.20 -0.67 0.00	23.75 -1.13 0.00	39.84 -2.54 0.00	42.81 -2.91 0.00	46.96 -3.86 0.00	53.38 -5.12 0.00	36.11 -3.38 0.00	31.37 -2.98 0.00	31.62 -3.10 0.00	27.85 -2.64 0.00	25.28 -2.19 0.00



HUNTLEY___67 23561	25.08 -0.40 0.00	25.27 -0.19 0.00	24.14 -0.31 0.00	24.99 -0.60 0.00	24.75 -0.41 0.00	25.19 -0.25 0.00	114.35 -2.11 0.00	52.73 -2.02 0.00	23.18 -0.60 0.00	17.49 -0.37 0.00	20.01 -0.36 0.00	19.27 -0.18 0.00	21.12 -0.40 0.00	18.13 -0.74 0.00	23.63 -1.25 0.00	39.65 -2.73 0.00	42.55 -3.18 0.00	46.70 -4.13 0.00	53.12 -5.39 0.00	35.89 -3.60 0.00	31.17 -3.17 0.00	31.45 -3.27 0.00	27.56 -2.79 0.13	24.76 -2.31 0.40
HUNTLEY___68 23562	25.08 -0.40 0.00	25.27 -0.19 0.00	24.14 -0.31 0.00	24.99 -0.60 0.00	24.75 -0.41 0.00	25.19 -0.25 0.00	114.35 -2.11 0.00	52.73 -2.02 0.00	23.18 -0.60 0.00	17.49 -0.37 0.00	20.01 -0.36 0.00	19.27 -0.18 0.00	21.12 -0.40 0.00	18.13 -0.74 0.00	23.63 -1.25 0.00	39.65 -2.73 0.00	42.55 -3.18 0.00	46.70 -4.13 0.00	53.12 -5.39 0.00	35.89 -3.60 0.00	31.17 -3.17 0.00	31.45 -3.27 0.00	27.56 -2.79 0.13	24.76 -2.31 0.40
HYLAND___LFGE 323620	26.57 1.09 0.00	26.60 1.14 0.00	25.50 1.05 0.00	26.51 0.93 0.00	26.15 0.98 0.00	26.63 1.19 0.00	122.41 5.96 0.00	57.13 2.39 0.00	24.47 0.69 0.00	17.91 0.04 0.00	20.38 0.01 0.00	19.61 0.16 0.00	21.53 0.01 0.00	18.49 -0.38 0.00	23.74 -1.14 0.00	40.18 -2.20 0.00	44.95 -0.78 0.00	49.96 -0.86 0.00	56.89 -1.61 0.00	38.27 -1.23 0.00	33.04 -1.30 0.00	33.96 -0.76 0.00	29.88 -0.61 0.00	26.92 -0.56 0.00
INDECK___CORINTH 23802	26.17 0.69 0.00	26.22 0.76 0.00	25.22 0.77 0.00	26.43 0.84 0.00	26.02 0.86 0.00	26.32 0.88 0.00	120.92 4.46 0.00	57.05 2.31 0.00	24.54 0.76 0.00	18.22 0.36 0.00	20.77 0.39 0.00	19.71 0.26 0.00	21.86 0.33 0.00	19.27 0.41 0.00	25.52 0.64 0.00	43.59 1.22 0.00	47.17 1.44 0.00	52.99 2.16 0.00	61.03 2.52 0.00	41.24 1.74 0.00	35.70 1.36 0.00	36.07 1.35 0.00	31.88 1.40 0.00	28.67 1.20 0.00
INDECK___ILION 23567	25.58 0.10 0.00	25.56 0.09 0.00	24.55 0.10 0.00	25.71 0.13 0.00	25.30 0.13 0.00	25.59 0.14 0.00	117.55 1.09 0.00	55.29 0.55 0.00	23.84 0.06 0.00	17.76 -0.10 0.00	20.28 -0.09 0.00	19.34 -0.10 0.00	21.42 -0.11 0.00	18.81 -0.07 0.00	24.81 -0.07 0.00	42.57 0.20 0.00	46.03 0.30 0.00	51.51 0.68 0.00	59.18 0.68 0.00	39.92 0.43 0.00	34.61 0.26 0.00	35.00 0.28 0.00	30.72 0.23 0.00	27.66 0.18 0.00
INDECK___OLEAN 23982	26.55 1.07 0.00	26.55 1.08 0.00	25.44 0.99 0.00	26.46 0.88 0.00	26.05 0.88 0.00	26.28 0.84 0.00	120.14 3.68 0.00	55.73 0.99 0.00	24.35 0.57 0.00	18.45 0.60 0.00	21.32 0.95 0.00	20.61 1.16 0.00	22.62 1.09 0.00	19.45 0.58 0.00	25.35 0.47 0.00	42.51 0.13 0.00	45.30 -0.42 0.00	49.86 -0.96 0.00	56.61 -1.90 0.00	38.06 -1.44 0.00	33.08 -1.27 0.00	33.48 -1.25 0.00	30.41 -1.01 -0.93	29.84 -0.53 -2.90
INDECK___OSWEGO 23783	24.78 -0.70 0.00	24.77 -0.70 0.00	23.77 -0.68 0.00	24.86 -0.73 0.00	24.46 -0.70 0.00	24.80 -0.65 0.00	113.46 -2.99 0.00	53.31 -1.43 0.00	23.14 -0.64 0.00	17.36 -0.50 0.00	19.81 -0.56 0.00	18.92 -0.52 0.00	20.89 -0.64 0.00	18.26 -0.61 0.00	23.96 -0.92 0.00	40.90 -1.48 0.00	44.24 -1.48 0.00	49.27 -1.56 0.00	56.59 -1.91 0.00	38.22 -1.28 0.00	33.25 -1.10 0.00	33.78 -0.94 0.00	29.65 -0.83 0.00	26.67 -0.81 0.00
INDECK___YERKES 23781	25.26 -0.22 0.00	25.46 -0.01 0.00	24.28 -0.16 0.00	25.14 -0.45 0.00	24.90 -0.27 0.00	25.38 -0.06 0.00	115.11 -1.35 0.00	53.06 -1.68 0.00	23.36 -0.42 0.00	17.61 -0.25 0.00	20.13 -0.24 0.00	19.37 -0.08 0.00	21.24 -0.29 0.00	18.24 -0.63 0.00	23.78 -1.10 0.00	39.89 -2.49 0.00	42.86 -2.87 0.00	47.02 -3.81 0.00	53.44 -5.06 0.00	36.16 -3.34 0.00	31.38 -2.96 0.00	31.66 -3.06 0.00	27.87 -2.61 0.00	25.31 -2.16 0.00
INDIAN POINT_GT_1 24139	26.48 1.01 0.00	26.36 0.90 0.00	25.35 0.90 0.00	26.54 0.95 0.00	26.03 0.87 0.00	26.30 0.85 0.00	120.82 4.37 0.00	56.79 2.05 0.00	24.82 1.04 0.00	18.70 0.84 0.00	21.30 0.93 0.00	20.29 0.84 0.00	22.58 1.05 0.00	19.71 0.84 0.00	25.99 1.11 0.00	44.74 1.75 -0.61	47.67 1.95 0.00	53.27 2.44 0.00	60.99 2.49 0.00	41.16 1.67 0.00	35.89 1.55 0.00	36.36 1.64 0.00	32.02 1.53 0.00	28.86 1.38 0.00
INDIAN POINT_GT_2 23659	26.48 1.01 0.00	26.36 0.90 0.00	25.35 0.90 0.00	26.54 0.95 0.00	26.03 0.87 0.00	26.30 0.85 0.00	120.82 4.37 0.00	56.79 2.05 0.00	24.82 1.04 0.00	18.70 0.84 0.00	21.30 0.93 0.00	20.29 0.84 0.00	22.58 1.05 0.00	19.71 0.84 0.00	25.99 1.11 0.00	44.74 1.75 -0.61	47.67 1.95 0.00	53.27 2.44 0.00	60.99 2.49 0.00	41.16 1.67 0.00	35.89 1.55 0.00	36.36 1.64 0.00	32.02 1.53 0.00	28.86 1.38 0.00
INDIAN POINT_GT_3 24019	26.48 1.01 0.00	26.36 0.90 0.00	25.35 0.90 0.00	26.54 0.95 0.00	26.03 0.87 0.00	26.30 0.85 0.00	120.82 4.37 0.00	56.79 2.05 0.00	24.82 1.04 0.00	18.70 0.84 0.00	21.30 0.93 0.00	20.29 0.84 0.00	22.58 1.05 0.00	19.71 0.84 0.00	25.99 1.11 0.00	44.74 1.75 -0.61	47.67 1.95 0.00	53.27 2.44 0.00	60.99 2.49 0.00	41.16 1.67 0.00	35.89 1.55 0.00	36.36 1.64 0.00	32.02 1.53 0.00	28.86 1.38 0.00
INDIAN POINT___2 23530	26.47 0.99 0.00	26.34 0.87 0.00	25.33 0.89 0.00	26.52 0.93 0.00	26.02 0.85 0.00	26.27 0.83 0.00	120.79 4.33 0.00	56.73 1.99 0.00	24.79 1.01 0.00	18.68 0.82 0.00	21.28 0.91 0.00	20.27 0.82 0.00	22.56 1.03 0.00	19.69 0.82 0.00	25.96 1.08 0.00	44.90 1.69 -0.83	47.60 1.88 0.00	53.20 2.38 0.00	60.91 2.41 0.00	41.11 1.62 0.00	35.84 1.49 0.00	36.32 1.60 0.00	31.98 1.49 0.00	28.83 1.35 0.00
INDIAN POINT___3 23531	26.46 0.98 0.00	26.34 0.87 0.00	25.33 0.88 0.00	26.51 0.93 0.00	26.01 0.84 0.00	26.27 0.83 0.00	120.71 4.25 0.00	56.74 1.99 0.00	24.79 1.01 0.00	18.68 0.82 0.00	21.28 0.91 0.00	20.26 0.81 0.00	22.56 1.03 0.00	19.70 0.83 0.00	25.96 1.08 0.00	44.71 1.70 -0.63	47.59 1.87 0.00	53.19 2.37 0.00	60.89 2.39 0.00	41.10 1.60 0.00	35.83 1.49 0.00	36.30 1.58 0.00	31.98 1.49 0.00	28.83 1.35 0.00
INGHAM_C_115KV_TB7 356103	25.55 0.07 0.00	25.52 0.06 0.00	24.52 0.07 0.00	25.72 0.13 0.00	25.31 0.15 0.00	25.60 0.16 0.00	118.12 1.66 0.00	55.52 0.78 0.00	23.70 -0.08 0.00	17.47 -0.39 0.00	19.96 -0.41 0.00	19.02 -0.43 0.00	21.07 -0.46 0.00	18.55 -0.32 0.00	24.50 -0.38 0.00	42.45 0.07 0.00	46.04 0.31 0.00	51.86 1.04 0.00	59.51 1.01 0.00	40.09 0.59 0.00	34.61 0.27 0.00	35.02 0.30 0.00	30.76 0.28 0.00	27.70 0.22 0.00
IP CORINTH___1 23988	26.31 0.84 0.00	26.37 0.90 0.00	25.36 0.91 0.00	26.57 0.99 0.00	26.16 1.00 0.00	26.46 1.02 0.00	121.62 5.16 0.00	57.36 2.62 0.00	24.68 0.90 0.00	18.32 0.46 0.00	20.88 0.51 0.00	19.82 0.37 0.00	21.98 0.46 0.00	19.38 0.51 0.00	25.66 0.78 0.00	43.84 1.46 0.00	47.42 1.69 0.00	53.28 2.46 0.00	61.37 2.87 0.00	41.46 1.96 0.00	35.90 1.55 0.00	36.25 1.53 0.00	32.05 1.56 0.00	28.82 1.34 0.00



IP___TICONDEROGA 23804	27.30 1.82 0.00	27.56 2.10 0.00	26.59 2.15 0.00	27.76 2.18 0.00	27.47 2.30 0.00	27.82 2.38 0.00	128.59 12.13 0.00	61.01 6.26 0.00	25.95 2.17 0.00	19.11 1.25 0.00	21.69 1.32 0.00	20.48 1.03 0.00	22.75 1.22 0.00	20.29 1.42 0.00	26.82 1.93 0.00	45.36 2.98 0.00	49.31 3.59 0.00	55.85 5.03 0.00	64.65 6.14 0.00	43.78 4.28 0.00	37.50 3.16 0.00	37.79 3.07 0.00	33.71 3.22 0.00	30.34 2.86 0.00
ISLIP_RES_REC 323679	26.48 1.00 0.00	26.28 0.82 0.00	25.32 0.88 0.00	26.51 0.92 0.00	25.76 0.60 0.00	25.87 0.42 0.00	118.82 2.36 0.00	55.95 1.20 0.00	24.00 1.12 0.90	17.94 0.93 0.85	20.43 0.86 0.80	25.21 0.88 -4.88	30.51 1.15 -7.83	24.19 0.98 -4.34	44.15 1.84 -17.43	45.75 2.72 -0.65	48.33 2.61 0.00	52.77 1.94 0.00	60.73 2.22 0.00	41.54 2.04 0.00	36.63 2.29 0.00	36.83 2.11 0.00	41.43 2.41 -8.54	38.90 2.22 -9.20
JAMAICA__27_KV_LOAD 355505	26.68 1.20 0.00	26.55 1.09 0.00	25.53 1.08 0.00	26.69 1.10 0.00	26.20 1.04 0.00	26.51 1.06 0.00	121.67 5.22 0.00	57.28 2.54 0.00	39.76 1.31 -14.67	32.68 1.02 -13.80	34.44 1.07 -13.00	39.08 1.00 -18.63	39.95 1.20 -17.22	36.53 0.97 -16.69	34.30 1.25 -8.17	44.88 1.93 -0.58	47.88 2.16 0.00	53.55 2.73 0.00	61.28 2.78 0.00	41.35 1.85 0.00	36.02 1.68 0.00	36.50 1.78 0.00	32.22 1.74 0.00	29.04 1.56 0.00
JANIS___SOLAR 323808	26.95 1.48 0.00	26.85 1.38 0.00	25.82 1.37 0.00	27.01 1.42 0.00	26.63 1.47 0.00	27.05 1.61 0.00	125.43 8.97 0.00	58.57 3.83 0.00	25.07 1.29 0.00	18.55 0.69 0.00	21.04 0.67 0.00	20.13 0.68 0.00	22.19 0.66 0.00	19.39 0.52 0.00	25.45 0.57 0.00	43.74 1.36 0.00	47.94 2.22 0.00	53.50 2.67 0.00	61.40 2.89 0.00	41.34 1.85 0.00	35.77 1.43 0.00	35.93 1.21 0.00	31.35 0.86 0.00	28.24 0.76 0.00
JARVIS____ 23743	25.51 0.04 0.00	25.49 0.03 0.00	24.48 0.04 0.00	25.63 0.05 0.00	25.20 0.04 0.00	25.49 0.04 0.00	116.78 0.33 0.00	54.86 0.12 0.00	23.83 0.05 0.00	17.87 0.01 0.00	20.39 0.02 0.00	19.47 0.02 0.00	21.55 0.02 0.00	18.89 0.02 0.00	24.90 0.03 0.00	42.46 0.08 0.00	45.82 0.10 0.00	51.03 0.20 0.00	58.69 0.19 0.00	39.65 0.15 0.00	34.45 0.10 0.00	34.83 0.10 0.00	30.58 0.09 0.00	27.54 0.06 0.00
JENNISON___1 23625	26.64 1.16 0.00	26.53 1.07 0.00	25.61 1.16 0.00	26.77 1.18 0.00	26.42 1.25 0.00	26.90 1.46 0.00	124.84 8.38 0.00	58.34 3.60 0.00	25.22 1.44 0.00	18.89 1.03 0.00	21.45 1.08 0.00	20.53 1.08 0.00	22.65 1.12 0.00	19.77 0.90 0.00	25.93 1.05 0.00	44.40 2.02 0.00	48.21 2.49 0.00	53.52 2.69 0.00	61.42 2.91 0.00	41.35 1.86 0.00	35.73 1.38 0.00	35.65 0.92 0.00	31.10 0.62 0.00	28.04 0.56 0.00
JENNISON___2 23626	26.64 1.16 0.00	26.53 1.07 0.00	25.61 1.16 0.00	26.77 1.18 0.00	26.42 1.25 0.00	26.90 1.46 0.00	124.84 8.38 0.00	58.34 3.60 0.00	25.22 1.44 0.00	18.89 1.03 0.00	21.45 1.08 0.00	20.53 1.08 0.00	22.65 1.12 0.00	19.77 0.90 0.00	25.93 1.05 0.00	44.40 2.02 0.00	48.21 2.49 0.00	53.52 2.69 0.00	61.42 2.91 0.00	41.35 1.86 0.00	35.73 1.38 0.00	35.65 0.92 0.00	31.10 0.62 0.00	28.04 0.56 0.00
JERICHO_RISE_WT_PWR 323719	26.02 0.54 0.00	26.14 0.67 0.00	25.08 0.64 0.00	26.19 0.60 0.00	25.81 0.64 0.00	26.06 0.61 0.00	117.88 1.42 0.00	55.96 1.21 0.00	24.12 0.35 0.00	18.24 0.38 0.00	20.74 0.36 0.00	19.87 0.42 0.00	21.99 0.47 0.00	19.29 0.42 0.00	25.49 0.61 0.00	43.24 0.86 0.00	46.64 0.92 0.00	51.57 0.74 0.00	59.23 0.73 0.00	39.81 0.31 0.00	34.71 0.36 0.00	34.92 0.20 0.00	30.57 0.08 0.00	27.76 0.28 0.00
KATONAH__115KV_46KV_TB4 355592	26.62 1.14 0.00	26.50 1.04 0.00	25.49 1.04 0.00	26.67 1.09 0.00	26.18 1.01 0.00	26.47 1.03 0.00	121.71 5.25 0.00	57.24 2.49 0.00	25.00 1.22 0.00	18.83 0.97 0.00	21.47 1.09 0.00	20.43 0.98 0.00	22.71 1.18 0.00	19.84 0.97 0.00	26.16 1.29 0.00	44.78 2.08 -0.32	48.01 2.28 0.00	53.66 2.84 0.00	61.45 2.95 0.00	41.50 2.01 0.00	36.16 1.82 0.00	36.62 1.90 0.00	32.22 1.74 0.00	29.03 1.55 0.00
KCE_NY_1 323755	26.45 0.98 0.00	26.47 1.01 0.00	25.43 0.98 0.00	26.67 1.08 0.00	26.23 1.06 0.00	26.51 1.06 0.00	121.63 5.17 0.00	57.27 2.53 0.00	24.73 0.95 0.00	18.40 0.54 0.00	21.01 0.63 0.00	19.99 0.55 0.00	22.17 0.64 0.00	19.49 0.62 0.00	25.84 0.96 0.00	44.24 1.86 0.00	47.74 2.01 0.00	53.45 2.62 0.00	61.54 3.04 0.00	41.57 2.08 0.00	36.06 1.71 0.00	36.50 1.78 0.00	32.01 1.53 0.00	28.83 1.35 0.00
KCE_NY_6_ESR 323823	25.57 0.09 0.00	25.73 0.27 0.00	24.58 0.14 0.00	25.47 -0.12 0.00	25.19 0.02 0.00	25.64 0.19 0.00	116.67 0.22 0.00	53.88 -0.87 0.00	23.66 -0.12 0.00	17.83 -0.03 0.00	20.42 0.04 0.00	19.66 0.20 0.00	21.55 0.03 0.00	18.50 -0.37 0.00	24.12 -0.77 0.00	40.47 -1.90 0.00	43.40 -2.32 0.00	47.62 -3.20 0.00	54.19 -4.32 0.00	36.58 -2.92 0.00	31.73 -2.61 0.00	32.04 -2.69 0.00	28.17 -2.32 0.00	25.59 -1.89 0.00
KEDC_PORT_JEFF_GT2 24210	26.41 0.93 0.00	26.22 0.75 0.00	25.26 0.81 0.00	26.44 0.86 0.00	25.69 0.52 0.00	25.79 0.35 0.00	118.42 1.96 0.00	55.76 1.02 0.00	23.92 1.03 0.90	17.88 0.86 0.85	20.36 0.79 0.80	19.13 0.82 1.14	21.56 1.08 1.05	18.76 0.91 1.02	44.05 1.73 -17.43	45.55 2.53 -0.65	48.05 2.33 0.00	52.40 1.58 0.00	60.43 1.93 0.00	41.37 1.87 0.00	36.47 2.13 0.00	36.69 1.97 0.00	41.31 2.28 -8.54	38.79 2.11 -9.20
KEDC_PORT_JEFF_GT3 24211	26.41 0.93 0.00	26.22 0.75 0.00	25.26 0.81 0.00	26.44 0.86 0.00	25.69 0.52 0.00	25.79 0.35 0.00	118.42 1.96 0.00	55.76 1.02 0.00	23.92 1.03 0.90	17.88 0.86 0.85	20.36 0.79 0.80	19.13 0.82 1.14	21.56 1.08 1.05	18.76 0.91 1.02	44.05 1.73 -17.43	45.55 2.53 -0.65	48.05 2.33 0.00	52.40 1.58 0.00	60.43 1.93 0.00	41.37 1.87 0.00	36.47 2.13 0.00	36.69 1.97 0.00	41.31 2.28 -8.54	38.79 2.11 -9.20
KEDC_GLWD_GT4 24219	26.68 1.21 0.00	26.53 1.07 0.00	25.52 1.07 0.00	26.70 1.12 0.00	26.13 0.96 0.00	26.34 0.89 0.00	120.92 4.46 0.00	56.84 2.10 0.00	24.09 1.21 0.90	18.02 1.01 0.85	20.70 1.13 0.80	19.36 1.05 1.14	21.78 1.30 1.05	18.92 1.08 1.02	43.89 1.58 -17.43	45.43 2.41 -0.65	48.18 2.46 0.00	53.53 2.71 0.00	61.37 2.87 0.00	41.57 2.07 0.00	36.39 2.04 0.00	36.78 2.06 0.00	41.11 2.09 -8.54	38.55 1.88 -9.20
KEDC_GLWD_GT5 24220	26.68 1.21 0.00	26.53 1.07 0.00	25.52 1.07 0.00	26.70 1.12 0.00	26.13 0.96 0.00	26.34 0.89 0.00	120.92 4.46 0.00	56.84 2.10 0.00	24.09 1.21 0.90	18.02 1.01 0.85	20.70 1.13 0.80	19.36 1.05 1.14	21.78 1.30 1.05	18.92 1.08 1.02	43.89 1.58 -17.43	45.43 2.41 -0.65	48.18 2.46 0.00	53.53 2.71 0.00	61.37 2.87 0.00	41.57 2.07 0.00	36.39 2.04 0.00	36.78 2.06 0.00	41.11 2.09 -8.54	38.55 1.88 -9.20



KENSICO____ 23655	26.54 1.06 0.00	26.41 0.94 0.00	25.39 0.95 0.00	26.57 0.99 0.00	26.07 0.91 0.00	26.34 0.90 0.00	121.04 4.58 0.00	56.91 2.17 0.00	24.88 1.10 0.00	18.75 0.89 0.00	21.37 0.99 0.00	20.35 0.90 0.00	22.64 1.11 0.00	19.77 0.90 0.00	26.07 1.19 0.00	44.81 1.88 -0.55	47.78 2.06 0.00	53.39 2.57 0.00	61.12 2.62 0.00	41.26 1.77 0.00	35.98 1.64 0.00	36.43 1.71 0.00	32.09 1.61 0.00	28.92 1.45 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	26.77 1.30 0.00	26.65 1.18 0.00	25.61 1.17 0.00	26.83 1.25 0.00	26.34 1.17 0.00	26.65 1.20 0.00	122.67 6.21 0.00	57.64 2.89 0.00	25.08 1.30 0.00	18.83 0.97 0.00	21.38 1.01 0.00	20.35 0.90 0.00	22.59 1.06 0.00	19.74 0.87 0.00	26.07 1.19 0.00	44.35 2.08 0.11	48.20 2.48 0.00	53.95 3.13 0.00	61.82 3.32 0.00	41.74 2.24 0.00	36.36 2.02 0.00	36.80 2.08 0.00	32.34 1.85 0.00	29.11 1.64 0.00
KIAC_JFK_GT1 23816	26.49 1.01 0.00	26.37 0.90 0.00	25.35 0.90 0.00	26.50 0.92 0.00	26.02 0.86 0.00	26.29 0.85 0.00	120.25 3.79 0.00	56.60 1.85 0.00	39.47 1.02 -14.67	32.47 0.81 -13.80	34.23 0.86 -13.00	38.87 0.79 -18.63	39.73 0.98 -17.22	36.34 0.78 -16.69	34.08 1.03 -8.17	44.44 1.49 -0.58	47.40 1.68 0.00	53.03 2.20 0.00	60.65 2.14 0.00	40.93 1.43 0.00	35.66 1.32 0.00	36.15 1.43 0.00	32.03 1.55 0.00	28.88 1.40 0.00
KIAC_JFK_GT2 23817	26.49 1.01 0.00	26.37 0.90 0.00	25.35 0.90 0.00	26.50 0.92 0.00	26.02 0.86 0.00	26.29 0.85 0.00	120.25 3.79 0.00	56.60 1.85 0.00	39.47 1.02 -14.67	32.47 0.81 -13.80	34.23 0.86 -13.00	38.87 0.79 -18.63	39.73 0.98 -17.22	36.34 0.78 -16.69	34.08 1.03 -8.17	44.44 1.49 -0.58	47.40 1.68 0.00	53.03 2.20 0.00	60.65 2.14 0.00	40.93 1.43 0.00	35.66 1.32 0.00	36.15 1.43 0.00	32.03 1.55 0.00	28.88 1.40 0.00
KIAC_JFK____ 323774	26.49 1.01 0.00	26.37 0.90 0.00	25.35 0.90 0.00	26.50 0.92 0.00	26.02 0.86 0.00	26.29 0.85 0.00	120.26 3.80 0.00	56.59 1.85 0.00	39.47 1.03 -14.67	32.47 0.81 -13.80	34.28 0.90 -13.00	38.92 0.84 -18.63	39.77 1.02 -17.22	36.36 0.81 -16.69	34.11 1.06 -8.17	44.44 1.49 -0.58	47.41 1.68 0.00	53.02 2.20 0.00	60.65 2.14 0.00	40.93 1.43 0.00	35.67 1.32 0.00	36.15 1.43 0.00	32.03 1.54 0.00	28.87 1.40 0.00
KINTIGH____ 23543	24.73 -0.75 0.00	24.90 -0.57 0.00	23.80 -0.64 0.00	24.68 -0.91 0.00	24.43 -0.74 0.00	24.84 -0.61 0.00	112.83 -3.62 0.00	52.22 -2.52 0.00	22.90 -0.88 0.00	17.27 -0.59 0.00	19.76 -0.61 0.00	19.00 -0.45 0.00	20.86 -0.67 0.00	17.96 -0.90 0.00	23.48 -1.41 0.00	39.50 -2.88 0.00	42.47 -3.25 0.00	46.78 -4.05 0.00	53.31 -5.19 0.00	36.04 -3.46 0.00	31.30 -3.04 0.00	31.59 -3.13 0.00	27.82 -2.66 0.00	25.26 -2.22 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	26.33 0.85 0.00	26.48 1.01 0.00	25.42 0.97 0.00	26.50 0.91 0.00	26.15 0.98 0.00	26.43 0.99 0.00	119.15 2.70 0.00	56.51 1.77 0.00	24.34 0.56 0.00	18.48 0.62 0.00	21.00 0.63 0.00	20.14 0.69 0.00	22.29 0.76 0.00	19.53 0.66 0.00	25.83 0.95 0.00	43.73 1.35 0.00	47.08 1.35 0.00	52.21 1.38 0.00	59.87 1.37 0.00	40.27 0.78 0.00	35.17 0.83 0.00	35.39 0.66 0.00	30.98 0.50 0.00	28.08 0.60 0.00
LACHUTE__HYDRO 323717	27.30 1.82 0.00	27.56 2.10 0.00	26.59 2.15 0.00	27.76 2.18 0.00	27.47 2.30 0.00	27.83 2.38 0.00	128.57 12.12 0.00	61.00 6.26 0.00	25.95 2.17 0.00	19.11 1.25 0.00	21.69 1.32 0.00	20.48 1.03 0.00	22.74 1.22 0.00	20.29 1.42 0.00	26.82 1.94 0.00	45.36 2.98 0.00	49.31 3.59 0.00	55.85 5.03 0.00	64.65 6.14 0.00	43.78 4.28 0.00	37.50 3.16 0.00	37.79 3.07 0.00	33.71 3.22 0.00	30.34 2.86 0.00
LAWRNCV_115KV_TB1 80681	27.49 2.01 0.00	27.46 2.00 0.00	26.35 1.90 0.00	27.59 2.00 0.00	27.28 2.12 0.00	27.72 2.27 0.00	126.97 10.51 0.00	60.23 5.49 0.00	25.41 1.63 0.00	18.59 0.74 0.00	21.13 0.76 0.00	20.26 0.81 0.00	22.42 0.90 0.00	19.59 0.72 0.00	25.77 0.89 0.00	44.43 2.06 0.00	49.83 4.11 0.00	56.02 5.19 0.00	64.40 5.90 0.00	43.35 3.85 0.00	37.62 3.27 0.00	37.75 3.03 0.00	32.60 2.11 0.00	29.02 1.54 0.00
LEDERLE____ 23769	26.58 1.10 0.00	26.46 0.99 0.00	25.44 0.99 0.00	26.64 1.05 0.00	26.13 0.96 0.00	26.39 0.94 0.00	121.31 4.86 0.00	57.06 2.32 0.00	24.92 1.14 0.00	18.79 0.93 0.00	21.39 1.02 0.00	20.37 0.92 0.00	22.69 1.16 0.00	19.80 0.94 0.00	26.10 1.21 0.00	43.42 1.92 0.88	47.87 2.15 0.00	53.51 2.68 0.00	61.24 2.74 0.00	41.32 1.83 0.00	36.02 1.67 0.00	36.50 1.78 0.00	32.13 1.65 0.00	28.97 1.49 0.00
LIGHTHSE_115KV_TB6 355974	25.37 -0.11 0.00	25.32 -0.14 0.00	24.31 -0.14 0.00	25.45 -0.14 0.00	25.05 -0.11 0.00	25.41 -0.04 0.00	116.30 -0.15 0.00	55.02 0.27 0.00	23.81 0.03 0.00	17.70 -0.16 0.00	20.20 -0.17 0.00	19.31 -0.14 0.00	21.23 -0.30 0.00	18.55 -0.32 0.00	24.44 -0.44 0.00	42.09 -0.29 0.00	46.05 0.33 0.00	51.49 0.67 0.00	59.13 0.63 0.00	39.95 0.45 0.00	34.76 0.41 0.00	35.09 0.37 0.00	30.53 0.05 0.00	27.21 -0.27 0.00
LINDEN COGEN____ 23786	26.62 1.14 0.00	26.47 1.00 0.00	25.47 1.02 0.00	26.64 1.06 0.00	26.14 0.98 0.00	26.43 0.98 0.00	121.39 4.93 0.00	57.03 2.28 0.00	39.62 1.18 -14.67	32.61 0.94 -13.80	34.43 1.05 -13.00	39.06 0.97 -18.63	39.93 1.18 -17.22	36.51 0.96 -16.69	34.33 1.28 -8.17	44.95 2.00 -0.58	47.91 2.19 0.00	53.54 2.72 0.00	61.27 2.76 0.00	41.35 1.85 0.00	36.06 1.71 0.00	36.51 1.79 0.00	32.16 1.68 0.00	29.00 1.52 0.00
LINDHRST_69_KV_BK1 356055	26.77 1.29 0.00	26.57 1.10 0.00	25.57 1.13 0.00	26.74 1.16 0.00	26.06 0.89 0.00	26.20 0.76 0.00	120.23 3.78 0.00	56.52 1.77 0.00	24.16 1.28 0.90	18.08 1.06 0.85	20.68 1.11 0.80	19.39 1.09 1.14	21.84 1.37 1.05	18.98 1.13 1.02	44.16 1.85 -17.43	45.69 2.67 -0.65	48.30 2.58 0.00	53.26 2.44 0.00	61.25 2.74 0.00	41.70 2.21 0.00	36.68 2.34 0.00	36.99 2.27 0.00	41.57 2.54 -8.54	38.98 2.31 -9.20
LIPA_MISC_IPP 23656	26.09 0.61 0.00	25.90 0.43 0.00	24.97 0.52 0.00	26.17 0.59 0.00	25.37 0.21 0.00	25.47 0.03 0.00	117.19 0.74 0.00	55.25 0.51 0.00	23.73 0.85 0.90	17.71 0.70 0.85	20.09 0.51 0.80	-6.37 0.58 26.40	-15.97 0.83 38.32	-3.95 0.71 23.53	43.92 1.61 -17.43	45.40 2.37 -0.65	48.00 2.27 0.00	52.03 1.21 0.00	59.84 1.34 0.00	41.08 1.58 0.00	36.28 1.94 0.00	36.41 1.68 0.00	41.00 1.97 -8.54	38.54 1.87 -9.20
LISF__SOLAR 323691	26.12 0.64 0.00	25.93 0.46 0.00	25.00 0.56 0.00	26.21 0.62 0.00	25.41 0.24 0.00	25.50 0.06 0.00	117.41 0.95 0.00	55.35 0.61 0.00	23.75 0.88 0.90	17.72 0.71 0.85	20.09 0.51 0.80	-15.31 0.60 35.36	-29.17 0.85 51.54	-11.93 0.72 31.52	43.95 1.64 -17.43	45.47 2.44 -0.65	48.09 2.36 0.00	52.13 1.31 0.00	59.96 1.46 0.00	41.15 1.65 0.00	36.36 2.02 0.00	36.47 1.75 0.00	41.06 2.03 -8.54	38.59 1.91 -9.20



LITTLE FALLS___HYD 24013	25.55 0.07 0.00	25.52 0.06 0.00	24.52 0.07 0.00	25.72 0.13 0.00	25.31 0.15 0.00	25.60 0.16 0.00	118.12 1.66 0.00	55.52 0.78 0.00	23.70 -0.08 0.00	17.47 -0.39 0.00	19.96 -0.41 0.00	19.02 -0.43 0.00	21.07 -0.46 0.00	18.55 -0.32 0.00	24.50 -0.38 0.00	42.45 0.07 0.00	46.04 0.31 0.00	51.86 1.04 0.00	59.51 1.01 0.00	40.09 0.59 0.00	34.61 0.27 0.00	35.02 0.30 0.00	30.76 0.28 0.00	27.70 0.22 0.00
LITTLRIV_115KV_TB1 356100	28.05 2.57 0.00	28.02 2.55 0.00	26.88 2.44 0.00	28.13 2.54 0.00	27.83 2.66 0.00	28.32 2.87 0.00	129.93 13.47 0.00	61.65 6.91 0.00	25.80 2.02 0.00	18.74 0.88 0.00	21.27 0.90 0.00	20.40 0.95 0.00	22.57 1.04 0.00	19.72 0.85 0.00	25.95 1.07 0.00	44.90 2.53 0.00	50.87 5.14 0.00	57.36 6.54 0.00	65.95 7.45 0.00	44.39 4.89 0.00	38.48 4.14 0.00	38.58 3.85 0.00	33.26 2.77 0.00	29.59 2.11 0.00
LI_NEWBRDGE___DRP 323616	26.47 0.99 0.00	26.31 0.84 0.00	25.32 0.87 0.00	26.48 0.90 0.00	25.82 0.65 0.00	25.96 0.52 0.00	119.02 2.56 0.00	55.91 1.17 0.00	23.86 0.97 0.90	17.86 0.85 0.85	20.49 0.92 0.80	19.20 0.89 1.14	21.62 1.15 1.05	18.80 0.95 1.02	43.86 1.54 -17.43	45.21 2.18 -0.65	47.78 2.05 0.00	52.77 1.94 0.00	60.61 2.10 0.00	41.20 1.71 0.00	36.20 1.86 0.00	36.56 1.84 0.00	41.11 2.08 -8.54	38.58 1.91 -9.20
LOCKPORT_115KV_TB60_63_64 80432	24.95 -0.53 0.00	25.15 -0.32 0.00	24.01 -0.44 0.00	24.85 -0.74 0.00	24.63 -0.54 0.00	25.10 -0.35 0.00	113.66 -2.79 0.00	52.39 -2.35 0.00	23.07 -0.72 0.00	17.37 -0.49 0.00	19.84 -0.53 0.00	19.10 -0.35 0.00	20.93 -0.60 0.00	17.96 -0.91 0.00	23.45 -1.43 0.00	39.29 -3.09 0.00	42.33 -3.39 0.00	46.45 -4.37 0.00	52.83 -5.68 0.00	35.75 -3.75 0.00	31.05 -3.30 0.00	31.32 -3.41 0.00	27.59 -2.89 0.00	25.06 -2.42 0.00
LOCKPORT___CC1 323769	24.95 -0.53 0.00	25.15 -0.32 0.00	24.01 -0.43 0.00	24.85 -0.74 0.00	24.62 -0.55 0.00	25.10 -0.35 0.00	113.65 -2.81 0.00	52.40 -2.35 0.00	23.06 -0.72 0.00	17.38 -0.48 0.00	19.85 -0.52 0.00	19.11 -0.34 0.00	20.95 -0.58 0.00	17.98 -0.89 0.00	23.45 -1.43 0.00	39.30 -3.08 0.00	42.30 -3.42 0.00	46.41 -4.41 0.00	52.78 -5.73 0.00	35.70 -3.79 0.00	31.00 -3.34 0.00	31.29 -3.44 0.00	27.56 -2.92 0.00	25.04 -2.44 0.00
LOCKPORT___CC2 323770	24.95 -0.53 0.00	25.15 -0.32 0.00	24.01 -0.43 0.00	24.85 -0.74 0.00	24.62 -0.55 0.00	25.10 -0.35 0.00	113.65 -2.81 0.00	52.40 -2.35 0.00	23.06 -0.72 0.00	17.38 -0.48 0.00	19.85 -0.52 0.00	19.11 -0.34 0.00	20.95 -0.58 0.00	17.98 -0.89 0.00	23.45 -1.43 0.00	39.30 -3.08 0.00	42.30 -3.42 0.00	46.41 -4.41 0.00	52.78 -5.73 0.00	35.70 -3.79 0.00	31.00 -3.34 0.00	31.29 -3.44 0.00	27.56 -2.92 0.00	25.04 -2.44 0.00
LOCKPORT___CC3 323771	24.95 -0.53 0.00	25.15 -0.32 0.00	24.01 -0.43 0.00	24.85 -0.74 0.00	24.62 -0.55 0.00	25.10 -0.35 0.00	113.65 -2.81 0.00	52.40 -2.35 0.00	23.06 -0.72 0.00	17.38 -0.48 0.00	19.85 -0.52 0.00	19.11 -0.34 0.00	20.95 -0.58 0.00	17.98 -0.89 0.00	23.45 -1.43 0.00	39.30 -3.08 0.00	42.30 -3.42 0.00	46.41 -4.41 0.00	52.78 -5.73 0.00	35.70 -3.79 0.00	31.00 -3.34 0.00	31.29 -3.44 0.00	27.56 -2.92 0.00	25.04 -2.44 0.00
LONG_LAKE_PHOENIX 24014	24.87 -0.61 0.00	24.86 -0.60 0.00	23.86 -0.58 0.00	24.94 -0.64 0.00	24.56 -0.60 0.00	24.89 -0.55 0.00	114.00 -2.45 0.00	53.53 -1.22 0.00	23.23 -0.55 0.00	17.42 -0.44 0.00	19.86 -0.51 0.00	18.97 -0.48 0.00	20.95 -0.58 0.00	18.32 -0.55 0.00	24.15 -0.73 0.00	41.29 -1.08 0.00	44.69 -1.03 0.00	49.78 -1.04 0.00	57.16 -1.35 0.00	38.58 -0.91 0.00	33.53 -0.81 0.00	33.92 -0.81 0.00	29.74 -0.74 0.00	26.78 -0.70 0.00
LOVETT___3 23632	26.44 0.96 0.00	26.32 0.85 0.00	25.31 0.87 0.00	26.49 0.91 0.00	25.98 0.82 0.00	26.24 0.79 0.00	120.58 4.12 0.00	56.67 1.93 0.00	24.76 0.98 0.00	18.66 0.80 0.00	21.25 0.87 0.00	20.23 0.78 0.00	22.53 1.01 0.00	19.68 0.81 0.00	25.92 1.04 0.00	43.06 1.62 0.94	47.51 1.79 0.00	53.09 2.27 0.00	60.78 2.28 0.00	41.02 1.52 0.00	35.77 1.42 0.00	36.25 1.53 0.00	31.93 1.44 0.00	28.80 1.32 0.00
LOVETT___4 23642	26.44 0.96 0.00	26.32 0.85 0.00	25.31 0.87 0.00	26.49 0.91 0.00	25.98 0.82 0.00	26.24 0.79 0.00	120.58 4.12 0.00	56.67 1.93 0.00	24.76 0.98 0.00	18.66 0.80 0.00	21.25 0.87 0.00	20.23 0.78 0.00	22.53 1.01 0.00	19.68 0.81 0.00	25.92 1.04 0.00	43.06 1.62 0.94	47.51 1.79 0.00	53.09 2.27 0.00	60.78 2.28 0.00	41.02 1.52 0.00	35.77 1.42 0.00	36.25 1.53 0.00	31.93 1.44 0.00	28.80 1.32 0.00
LOVETT___5 23593	26.44 0.96 0.00	26.32 0.85 0.00	25.31 0.87 0.00	26.49 0.91 0.00	25.98 0.82 0.00	26.24 0.79 0.00	120.58 4.12 0.00	56.67 1.93 0.00	24.76 0.98 0.00	18.66 0.80 0.00	21.25 0.87 0.00	20.23 0.78 0.00	22.53 1.01 0.00	19.68 0.81 0.00	25.92 1.04 0.00	43.06 1.62 0.94	47.51 1.79 0.00	53.09 2.27 0.00	60.78 2.28 0.00	41.02 1.52 0.00	35.77 1.42 0.00	36.25 1.53 0.00	31.93 1.44 0.00	28.80 1.32 0.00
LOWER RAQUET___HYD 24057	27.49 2.01 0.00	27.47 2.00 0.00	26.35 1.90 0.00	27.59 2.00 0.00	27.28 2.12 0.00	27.72 2.27 0.00	126.97 10.52 0.00	60.23 5.49 0.00	25.41 1.63 0.00	18.59 0.74 0.00	21.13 0.76 0.00	20.26 0.81 0.00	22.42 0.90 0.00	19.59 0.72 0.00	25.77 0.89 0.00	44.43 2.06 0.00	49.83 4.10 0.00	56.02 5.19 0.00	64.40 5.89 0.00	43.34 3.85 0.00	37.61 3.27 0.00	37.75 3.03 0.00	32.60 2.11 0.00	29.02 1.54 0.00
LOWER___HUDSON 24059	26.08 0.60 0.00	26.10 0.64 0.00	25.08 0.63 0.00	26.30 0.72 0.00	25.84 0.68 0.00	26.07 0.63 0.00	119.25 2.80 0.00	56.30 1.56 0.00	24.41 0.63 0.00	18.20 0.34 0.00	20.85 0.47 0.00	19.86 0.40 0.00	22.02 0.49 0.00	19.39 0.53 0.00	25.66 0.78 0.00	43.78 1.41 0.00	47.05 1.33 0.00	52.75 1.92 0.00	60.67 2.16 0.00	41.00 1.50 0.00	35.66 1.32 0.00	36.06 1.34 0.00	31.67 1.18 0.00	28.52 1.04 0.00
LOWVILLE_115KV_TB2 356335	26.56 1.08 0.00	26.45 0.99 0.00	25.41 0.96 0.00	26.66 1.08 0.00	26.35 1.19 0.00	26.75 1.31 0.00	122.81 6.35 0.00	58.00 3.26 0.00	24.91 1.13 0.00	18.37 0.52 0.00	20.89 0.52 0.00	19.99 0.54 0.00	22.13 0.60 0.00	19.34 0.47 0.00	25.40 0.52 0.00	43.72 1.34 0.00	48.46 2.73 0.00	54.33 3.51 0.00	62.44 3.94 0.00	42.14 2.65 0.00	36.55 2.20 0.00	36.79 2.07 0.00	31.71 1.23 0.00	27.94 0.45 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	26.44 0.96 0.00	26.46 0.99 0.00	25.42 0.97 0.00	26.65 1.07 0.00	26.21 1.04 0.00	26.50 1.05 0.00	121.54 5.08 0.00	57.23 2.49 0.00	24.71 0.93 0.00	18.39 0.53 0.00	21.00 0.63 0.00	19.98 0.54 0.00	22.16 0.63 0.00	19.50 0.63 0.00	25.83 0.95 0.00	44.20 1.82 0.00	47.70 1.98 0.00	53.45 2.62 0.00	61.49 2.98 0.00	41.54 2.04 0.00	36.06 1.72 0.00	36.46 1.74 0.00	32.04 1.55 0.00	28.84 1.36 0.00



LUTHERNY_35_KV_BK2 355980	26.45 0.98 0.00	26.47 1.01 0.00	25.43 0.98 0.00	26.67 1.08 0.00	26.23 1.06 0.00	26.51 1.06 0.00	121.63 5.17 0.00	57.27 2.52 0.00	24.73 0.95 0.00	18.40 0.54 0.00	21.00 0.63 0.00	20.00 0.55 0.00	22.17 0.64 0.00	19.49 0.62 0.00	25.84 0.96 0.00	44.24 1.86 0.00	47.74 2.02 0.00	53.45 2.62 0.00	61.54 3.04 0.00	41.57 2.08 0.00	36.06 1.71 0.00	36.50 1.78 0.00	32.01 1.53 0.00	28.83 1.36 0.00
LWR___OSWEGATCHIE_HYD 23850	27.01 1.54 0.00	26.96 1.49 0.00	25.87 1.43 0.00	27.12 1.53 0.00	26.81 1.65 0.00	27.23 1.79 0.00	124.90 8.44 0.00	59.09 4.34 0.00	25.11 1.33 0.00	18.42 0.56 0.00	20.95 0.58 0.00	20.07 0.62 0.00	22.24 0.71 0.00	19.41 0.54 0.00	25.53 0.64 0.00	43.99 1.61 0.00	49.15 3.42 0.00	55.22 4.39 0.00	63.46 4.95 0.00	42.77 3.28 0.00	37.11 2.77 0.00	37.31 2.59 0.00	32.17 1.68 0.00	28.48 1.01 0.00
LYONS_FALL_HYD 23570	26.39 0.91 0.00	26.31 0.85 0.00	25.28 0.83 0.00	26.50 0.92 0.00	26.17 1.00 0.00	26.55 1.10 0.00	121.93 5.48 0.00	57.61 2.87 0.00	24.86 1.08 0.00	18.40 0.54 0.00	20.93 0.56 0.00	20.01 0.56 0.00	22.14 0.61 0.00	19.36 0.49 0.00	25.41 0.53 0.00	43.60 1.22 0.00	47.93 2.21 0.00	53.62 2.80 0.00	61.63 3.13 0.00	41.60 2.11 0.00	36.10 1.75 0.00	36.38 1.66 0.00	31.55 1.06 0.00	28.00 0.53 0.00
MADISON___COUNTY_LFGE 323628	26.23 0.76 0.00	26.19 0.73 0.00	25.18 0.74 0.00	26.38 0.79 0.00	26.03 0.86 0.00	26.37 0.93 0.00	121.32 4.86 0.00	56.99 2.25 0.00	24.62 0.84 0.00	18.31 0.45 0.00	20.82 0.45 0.00	19.90 0.44 0.00	21.97 0.45 0.00	19.24 0.37 0.00	25.31 0.43 0.00	43.34 0.96 0.00	47.24 1.52 0.00	52.73 1.90 0.00	60.60 2.09 0.00	40.87 1.38 0.00	35.48 1.13 0.00	35.81 1.09 0.00	31.31 0.82 0.00	28.09 0.61 0.00
MALONE___115KV_TB1 356076	26.76 1.28 0.00	26.83 1.37 0.00	25.74 1.30 0.00	26.90 1.31 0.00	26.55 1.38 0.00	26.87 1.43 0.00	122.06 5.60 0.00	58.04 3.29 0.00	24.87 1.09 0.00	18.62 0.76 0.00	21.15 0.77 0.00	20.25 0.80 0.00	22.40 0.87 0.00	19.60 0.73 0.00	25.89 1.02 0.00	44.12 1.75 0.00	48.16 2.43 0.00	53.56 2.73 0.00	61.53 3.03 0.00	41.37 1.87 0.00	36.01 1.66 0.00	36.18 1.46 0.00	31.55 1.06 0.00	28.47 0.99 0.00
MAPLEWOD_115KV_TB3 80458	25.92 0.44 0.00	25.93 0.47 0.00	24.91 0.46 0.00	26.12 0.53 0.00	25.65 0.49 0.00	25.89 0.44 0.00	118.63 2.17 0.00	55.99 1.25 0.00	24.30 0.52 0.00	18.15 0.29 0.00	20.81 0.43 0.00	19.81 0.36 0.00	21.97 0.45 0.00	19.32 0.45 0.00	25.51 0.63 0.00	43.54 1.16 0.00	46.85 1.13 0.00	52.52 1.70 0.00	60.33 1.82 0.00	40.75 1.26 0.00	35.44 1.09 0.00	35.83 1.11 0.00	31.46 0.98 0.00	28.33 0.85 0.00
MAPLE_RIDGE_WT_1 323574	25.44 -0.03 0.00	25.43 -0.04 0.00	24.37 -0.07 0.00	25.51 -0.08 0.00	25.09 -0.07 0.00	25.32 -0.12 0.00	115.39 -1.07 0.00	54.34 -0.41 0.00	23.67 -0.11 0.00	17.86 0.00 0.00	20.37 0.00 0.00	19.46 0.01 0.00	21.54 0.01 0.00	18.91 0.04 0.00	24.95 0.07 0.00	42.42 0.05 0.00	45.78 0.06 0.00	50.74 -0.08 0.00	58.47 -0.04 0.00	39.45 -0.05 0.00	34.21 -0.13 0.00	34.48 -0.24 0.00	30.16 -0.32 0.00	27.08 -0.40 0.00
MAPLE_RIDGE_WT_2 323611	25.44 -0.03 0.00	25.43 -0.04 0.00	24.37 -0.07 0.00	25.51 -0.08 0.00	25.09 -0.07 0.00	25.32 -0.12 0.00	115.39 -1.07 0.00	54.34 -0.41 0.00	23.67 -0.11 0.00	17.86 0.00 0.00	20.37 0.00 0.00	19.46 0.01 0.00	21.54 0.01 0.00	18.91 0.04 0.00	24.95 0.07 0.00	42.42 0.05 0.00	45.78 0.06 0.00	50.74 -0.08 0.00	58.47 -0.04 0.00	39.45 -0.05 0.00	34.21 -0.13 0.00	34.48 -0.24 0.00	30.16 -0.32 0.00	27.08 -0.40 0.00
MARBLE_RIVER_WT_PWR 323696	25.97 0.49 0.00	26.08 0.62 0.00	25.04 0.60 0.00	26.14 0.55 0.00	25.77 0.60 0.00	26.02 0.57 0.00	117.69 1.24 0.00	55.83 1.09 0.00	24.08 0.30 0.00	18.23 0.37 0.00	20.73 0.36 0.00	19.87 0.42 0.00	21.99 0.46 0.00	19.28 0.41 0.00	25.48 0.60 0.00	43.20 0.83 0.00	46.54 0.82 0.00	51.50 0.67 0.00	59.10 0.60 0.00	39.73 0.24 0.00	34.66 0.31 0.00	34.89 0.17 0.00	30.54 0.06 0.00	27.72 0.24 0.00
MARSHVLE_115KV_TB1 80742	27.30 1.82 0.00	27.24 1.77 0.00	26.11 1.67 0.00	27.31 1.73 0.00	26.93 1.77 0.00	27.39 1.95 0.00	125.81 9.36 0.00	58.88 4.14 0.00	25.06 1.28 0.00	18.65 0.79 0.00	21.18 0.81 0.00	20.27 0.82 0.00	22.40 0.88 0.00	19.52 0.65 0.00	25.80 0.92 0.00	44.57 2.19 0.00	48.82 3.09 0.00	54.35 3.53 0.00	62.43 3.93 0.00	42.00 2.50 0.00	36.34 1.99 0.00	36.75 2.03 0.00	32.20 1.72 0.00	28.93 1.45 0.00
MARSH_HILL_WT_PWR 323713	25.78 0.30 0.00	25.83 0.36 0.00	24.86 0.41 0.00	25.86 0.28 0.00	25.25 0.08 0.00	25.51 0.07 0.00	117.65 1.19 0.00	54.66 -0.08 0.00	23.91 0.13 0.00	17.90 0.04 0.00	20.37 -0.01 0.00	19.63 0.18 0.00	21.61 0.08 0.00	18.67 -0.20 0.00	24.29 -0.59 0.00	41.24 -1.14 0.00	44.75 -0.97 0.00	48.71 -2.12 0.00	55.12 -3.38 0.00	36.62 -2.87 0.00	31.40 -2.94 0.00	31.88 -2.84 0.00	28.00 -2.68 0.00	25.63 -2.46 0.00
MCINTYRE_115KV_TB2 80467	28.51 3.03 0.00	28.47 3.01 0.00	27.31 2.86 0.00	28.58 3.00 0.00	28.28 3.12 0.00	28.80 3.36 0.00	132.40 15.94 0.00	62.82 8.08 0.00	26.08 2.30 0.00	18.81 0.94 0.00	21.33 0.95 0.00	20.46 1.01 0.00	22.64 1.11 0.00	19.76 0.90 0.00	26.03 1.15 0.00	45.15 2.77 0.00	51.65 5.93 0.00	58.44 7.62 0.00	67.20 8.70 0.00	45.23 5.73 0.00	39.18 4.84 0.00	39.26 4.53 0.00	33.78 3.29 0.00	30.04 2.57 0.00
MECO_____69_KV_BK1 80468	27.32 1.85 0.00	27.27 1.81 0.00	26.16 1.71 0.00	27.39 1.81 0.00	27.00 1.83 0.00	27.43 1.99 0.00	126.16 9.71 0.00	59.14 4.40 0.00	25.02 1.24 0.00	18.40 0.54 0.00	20.87 0.50 0.00	19.93 0.48 0.00	22.04 0.51 0.00	19.26 0.39 0.00	25.52 0.64 0.00	44.50 2.13 0.00	49.13 3.41 0.00	55.04 4.21 0.00	63.23 4.73 0.00	42.59 3.09 0.00	36.88 2.54 0.00	37.22 2.50 0.00	32.60 2.12 0.00	29.27 1.79 0.00
MENANDS___115KV_TB5 355628	25.75 0.27 0.00	25.76 0.29 0.00	24.75 0.30 0.00	25.95 0.36 0.00	25.48 0.32 0.00	25.69 0.25 0.00	117.73 1.27 0.00	55.58 0.84 0.00	24.13 0.35 0.00	18.04 0.18 0.00	20.71 0.34 0.00	19.73 0.28 0.00	21.88 0.35 0.00	19.22 0.35 0.00	25.36 0.48 0.00	43.24 0.86 0.00	46.50 0.78 0.00	52.12 1.29 0.00	59.84 1.34 0.00	40.42 0.93 0.00	35.16 0.81 0.00	35.55 0.83 0.00	31.23 0.75 0.00	28.12 0.64 0.00
MG INDUSTRY___DRP 24185	25.85 0.37 0.00	25.86 0.40 0.00	24.85 0.41 0.00	26.06 0.48 0.00	25.60 0.44 0.00	25.84 0.39 0.00	118.36 1.90 0.00	55.66 0.92 0.00	24.06 0.27 0.00	17.97 0.11 0.00	20.59 0.21 0.00	19.63 0.18 0.00	21.75 0.22 0.00	19.09 0.23 0.00	25.19 0.31 0.00	43.13 0.75 0.00	46.47 0.75 0.00	51.99 1.17 0.00	59.76 1.25 0.00	40.38 0.88 0.00	35.11 0.77 0.00	35.52 0.80 0.00	31.20 0.72 0.00	28.11 0.64 0.00



MID___OSWEGATCHIE_HYD 23849	27.01 1.54 0.00	26.96 1.49 0.00	25.87 1.43 0.00	27.12 1.53 0.00	26.81 1.65 0.00	27.23 1.79 0.00	124.90 8.44 0.00	59.09 4.34 0.00	25.11 1.33 0.00	18.42 0.56 0.00	20.95 0.58 0.00	20.07 0.62 0.00	22.24 0.71 0.00	19.41 0.54 0.00	25.53 0.64 0.00	43.99 1.61 0.00	49.15 3.42 0.00	55.22 4.39 0.00	63.46 4.95 0.00	42.77 3.28 0.00	37.11 2.77 0.00	37.31 2.59 0.00	32.17 1.68 0.00	28.48 1.01 0.00
MID___RAQUETTE_HYD 23851	27.49 2.01 0.00	27.46 2.00 0.00	26.35 1.90 0.00	27.59 2.00 0.00	27.28 2.12 0.00	27.72 2.27 0.00	126.97 10.51 0.00	60.23 5.49 0.00	25.41 1.63 0.00	18.59 0.74 0.00	21.13 0.76 0.00	20.26 0.81 0.00	22.42 0.90 0.00	19.59 0.72 0.00	25.77 0.89 0.00	44.43 2.06 0.00	49.83 4.11 0.00	56.02 5.19 0.00	64.40 5.90 0.00	43.35 3.85 0.00	37.62 3.27 0.00	37.75 3.03 0.00	32.60 2.11 0.00	29.02 1.54 0.00
MILLIKEN___1 23584	26.33 0.85 0.00	26.23 0.76 0.00	25.19 0.74 0.00	26.34 0.76 0.00	25.93 0.77 0.00	26.26 0.81 0.00	121.30 4.85 0.00	56.68 1.94 0.00	24.53 0.75 0.00	18.31 0.45 0.00	20.83 0.45 0.00	19.92 0.47 0.00	21.97 0.44 0.00	19.19 0.32 0.00	25.11 0.23 0.00	42.80 0.42 0.00	46.53 0.81 0.00	51.89 1.06 0.00	59.59 1.08 0.00	40.15 0.66 0.00	34.82 0.48 0.00	35.14 0.42 0.00	30.74 0.25 0.00	27.67 0.19 0.00
MILLIKEN___2 23585	26.33 0.85 0.00	26.23 0.76 0.00	25.19 0.74 0.00	26.34 0.76 0.00	25.93 0.77 0.00	26.26 0.81 0.00	121.30 4.85 0.00	56.68 1.94 0.00	24.53 0.75 0.00	18.31 0.45 0.00	20.83 0.45 0.00	19.92 0.47 0.00	21.97 0.44 0.00	19.19 0.32 0.00	25.11 0.23 0.00	42.80 0.42 0.00	46.53 0.81 0.00	51.89 1.06 0.00	59.59 1.08 0.00	40.15 0.66 0.00	34.82 0.48 0.00	35.14 0.42 0.00	30.74 0.25 0.00	27.67 0.19 0.00
MILLIKEN___DIESEL 23629	26.33 0.85 0.00	26.23 0.76 0.00	25.19 0.74 0.00	26.34 0.76 0.00	25.93 0.77 0.00	26.26 0.81 0.00	121.30 4.85 0.00	56.68 1.94 0.00	24.53 0.75 0.00	18.31 0.45 0.00	20.83 0.45 0.00	19.92 0.47 0.00	21.97 0.44 0.00	19.19 0.32 0.00	25.11 0.23 0.00	42.80 0.42 0.00	46.53 0.81 0.00	51.89 1.06 0.00	59.59 1.08 0.00	40.15 0.66 0.00	34.82 0.48 0.00	35.14 0.42 0.00	30.74 0.25 0.00	27.67 0.19 0.00
MILLSEAT___LFGE 323607	25.35 -0.13 0.00	25.52 0.05 0.00	24.39 -0.06 0.00	25.27 -0.32 0.00	25.04 -0.13 0.00	25.54 0.09 0.00	116.00 -0.45 0.00	53.70 -1.04 0.00	23.54 -0.24 0.00	17.64 -0.22 0.00	20.11 -0.26 0.00	19.33 -0.12 0.00	21.20 -0.32 0.00	18.23 -0.64 0.00	23.86 -1.02 0.00	40.16 -2.22 0.00	43.52 -2.20 0.00	47.96 -2.87 0.00	54.55 -3.96 0.00	36.89 -2.60 0.00	32.01 -2.33 0.00	32.26 -2.47 0.00	28.35 -2.13 0.00	25.70 -1.77 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	26.49 1.02 0.00	26.37 0.90 0.00	25.36 0.92 0.00	26.54 0.96 0.00	26.04 0.88 0.00	26.30 0.86 0.00	120.90 4.44 0.00	56.82 2.07 0.00	24.84 1.05 0.00	18.71 0.85 0.00	21.32 0.95 0.00	20.31 0.86 0.00	22.60 1.07 0.00	19.73 0.86 0.00	26.01 1.13 0.00	44.75 1.79 -0.58	47.69 1.97 0.00	53.29 2.47 0.00	61.02 2.52 0.00	41.19 1.69 0.00	35.91 1.57 0.00	36.37 1.65 0.00	32.03 1.55 0.00	28.87 1.39 0.00
MILLWOOD_13_KV_LOAD 356217	26.54 1.06 0.00	26.41 0.94 0.00	25.39 0.95 0.00	26.58 0.99 0.00	26.07 0.91 0.00	26.34 0.90 0.00	121.06 4.60 0.00	56.92 2.17 0.00	24.87 1.09 0.00	18.74 0.88 0.00	21.35 0.98 0.00	20.34 0.89 0.00	22.63 1.10 0.00	19.76 0.89 0.00	26.05 1.17 0.00	44.83 1.87 -0.58	47.78 2.06 0.00	53.39 2.57 0.00	61.14 2.63 0.00	41.26 1.77 0.00	35.97 1.63 0.00	36.43 1.71 0.00	32.08 1.59 0.00	28.92 1.44 0.00
MODEL_CITY_ENERGY 24167	24.67 -0.81 0.00	24.88 -0.59 0.00	23.75 -0.69 0.00	24.57 -1.01 0.00	24.36 -0.80 0.00	24.83 -0.61 0.00	112.32 -4.14 0.00	51.70 -3.05 0.00	22.80 -0.98 0.00	17.19 -0.67 0.00	19.63 -0.74 0.00	18.90 -0.55 0.00	20.71 -0.81 0.00	17.77 -1.10 0.00	23.17 -1.71 0.00	38.80 -3.57 0.00	41.75 -3.98 0.00	45.78 -5.05 0.00	52.07 -6.43 0.00	35.25 -4.25 0.00	30.62 -3.73 0.00	30.89 -3.83 0.00	27.25 -3.24 0.00	24.76 -2.71 0.00
MODERN_LFGE___ 323580	24.67 -0.81 0.00	24.88 -0.59 0.00	23.75 -0.69 0.00	24.57 -1.01 0.00	24.36 -0.80 0.00	24.83 -0.61 0.00	112.32 -4.14 0.00	51.70 -3.05 0.00	22.80 -0.98 0.00	17.19 -0.67 0.00	19.63 -0.74 0.00	18.90 -0.55 0.00	20.71 -0.81 0.00	17.77 -1.10 0.00	23.17 -1.71 0.00	38.80 -3.57 0.00	41.75 -3.98 0.00	45.78 -5.05 0.00	52.07 -6.43 0.00	35.25 -4.25 0.00	30.62 -3.73 0.00	30.89 -3.83 0.00	27.25 -3.24 0.00	24.76 -2.71 0.00
MOHAWK_PAPER___DRP 24187	25.92 0.44 0.00	25.93 0.47 0.00	24.91 0.46 0.00	26.12 0.53 0.00	25.65 0.49 0.00	25.89 0.44 0.00	118.63 2.17 0.00	55.99 1.25 0.00	24.30 0.52 0.00	18.15 0.29 0.00	20.81 0.43 0.00	19.81 0.36 0.00	21.97 0.45 0.00	19.32 0.45 0.00	25.51 0.63 0.00	43.54 1.16 0.00	46.85 1.13 0.00	52.52 1.70 0.00	60.33 1.82 0.00	40.75 1.26 0.00	35.44 1.09 0.00	35.83 1.11 0.00	31.46 0.98 0.00	28.33 0.85 0.00
MOHICAN___35_KV_115KV_LD 80490	26.53 1.05 0.00	26.60 1.13 0.00	25.58 1.13 0.00	26.80 1.21 0.00	26.39 1.22 0.00	26.70 1.25 0.00	122.72 6.26 0.00	57.91 3.17 0.00	24.90 1.12 0.00	18.46 0.60 0.00	21.04 0.67 0.00	19.98 0.53 0.00	22.16 0.63 0.00	19.55 0.68 0.00	25.90 1.02 0.00	44.25 1.87 0.00	47.87 2.14 0.00	53.80 2.98 0.00	61.96 3.46 0.00	41.88 2.38 0.00	36.24 1.89 0.00	36.60 1.88 0.00	32.33 1.84 0.00	29.08 1.60 0.00
MONGAUP___HYD 23641	26.74 1.27 0.00	26.63 1.17 0.00	25.59 1.15 0.00	26.79 1.21 0.00	26.31 1.15 0.00	26.62 1.17 0.00	122.46 6.01 0.00	57.53 2.79 0.00	24.90 1.12 0.00	18.59 0.73 0.00	21.06 0.69 0.00	20.07 0.62 0.00	22.29 0.76 0.00	19.48 0.61 0.00	25.69 0.81 0.00	43.43 1.59 0.54	47.96 2.24 0.00	53.84 3.01 0.00	61.75 3.24 0.00	41.66 2.16 0.00	36.29 1.95 0.00	36.72 2.00 0.00	32.25 1.77 0.00	29.03 1.55 0.00
MONTAUK___DIESEL 23721	25.29 -0.19 0.00	25.10 -0.37 0.00	24.24 -0.20 0.00	25.45 -0.13 0.00	24.66 -0.51 0.00	24.78 -0.66 0.00	116.38 -0.07 0.00	56.88 2.14 0.00	24.42 1.54 0.90	18.19 1.18 0.85	20.53 0.96 0.80	-6.09 1.01 26.55	-15.73 1.28 38.54	-3.66 1.13 23.66	44.61 2.30 -17.43	46.71 3.68 -0.65	49.55 3.82 0.00	53.57 2.75 0.00	61.15 2.65 0.00	42.31 2.82 0.00	37.35 3.01 0.00	36.17 1.45 0.00	40.59 1.56 -8.54	38.15 1.47 -9.20
MOONROAD_115KV_HARTFLD_TB1-2 355988	25.85 0.37 0.00	26.03 0.57 0.00	24.94 0.49 0.00	25.96 0.38 0.00	25.69 0.53 0.00	26.37 0.92 0.00	120.54 4.09 0.00	56.31 1.57 0.00	24.48 0.70 0.00	18.46 0.61 0.00	21.27 0.90 0.00	20.50 1.05 0.00	22.37 0.84 0.00	19.13 0.26 0.00	24.88 0.00 0.00	41.71 -0.67 0.00	44.48 -1.24 0.00	48.42 -2.41 0.00	53.91 -4.59 0.00	36.16 -3.34 0.00	31.40 -2.95 0.00	31.57 -3.15 4.40	23.24 -2.83 0.00	11.45 -2.24 13.78



MORRIS RIDGE___SOLAR 323848	25.61 0.13 0.00	25.64 0.17 0.00	24.58 0.13 0.00	25.53 -0.06 0.00	25.06 -0.10 0.00	25.36 -0.08 0.00	116.49 0.04 0.00	54.02 -0.73 0.00	23.50 -0.28 0.00	17.58 -0.28 0.00	20.11 -0.26 0.00	19.40 -0.05 0.00	21.32 -0.21 0.00	18.40 -0.47 0.00	23.95 -0.93 0.00	40.62 -1.76 0.00	43.94 -1.79 0.00	48.10 -2.73 0.00	54.65 -3.85 0.00	36.61 -2.88 0.00	31.59 -2.76 0.00	32.04 -2.68 0.00	28.01 -2.47 0.00	25.32 -2.16 0.00
MORTIMER_115KV_TB3 55949	25.05 -0.43 0.00	25.15 -0.31 0.00	24.07 -0.38 0.00	25.02 -0.57 0.00	24.75 -0.42 0.00	25.17 -0.27 0.00	114.79 -1.67 0.00	53.48 -1.27 0.00	23.34 -0.45 0.00	17.52 -0.34 0.00	20.01 -0.36 0.00	19.20 -0.25 0.00	21.11 -0.42 0.00	18.28 -0.59 0.00	23.95 -0.93 0.00	40.62 -1.76 0.00	43.91 -1.82 0.00	48.61 -2.21 0.00	55.52 -2.98 0.00	37.51 -1.99 0.00	32.56 -1.78 0.00	32.85 -1.87 0.00	28.85 -1.64 0.00	26.09 -1.39 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	26.64 1.17 0.00	26.50 1.04 0.00	25.50 1.05 0.00	26.67 1.08 0.00	26.16 1.00 0.00	26.45 1.00 0.00	121.50 5.04 0.00	57.14 2.39 0.00	44.40 1.22 -19.41	37.10 0.97 -18.26	38.67 1.09 -17.21	45.10 1.00 -24.65	45.53 1.22 -22.79	41.94 0.99 -22.08	37.01 1.32 -10.81	45.06 2.09 -0.59	48.01 2.28 0.00	53.62 2.79 0.00	61.38 2.87 0.00	41.43 1.93 0.00	36.12 1.78 0.00	36.57 1.85 0.00	32.22 1.73 0.00	29.03 1.55 0.00
MUNSVILLE_WIND_PWR 323609	27.45 1.97 0.00	27.36 1.89 0.00	26.36 1.92 0.00	27.61 2.03 0.00	27.26 2.09 0.00	27.80 2.36 0.00	129.27 12.82 0.00	60.40 5.65 0.00	25.83 2.05 0.00	19.14 1.28 0.00	21.75 1.38 0.00	20.83 1.38 0.00	22.95 1.43 0.00	20.06 1.19 0.00	26.37 1.49 0.00	45.53 3.15 0.00	49.75 4.03 0.00	55.34 4.52 0.00	63.40 4.90 0.00	42.62 3.13 0.00	36.83 2.49 0.00	36.75 2.03 0.00	31.99 1.50 0.00	28.86 1.38 0.00
N SALMON___HYD 24042	26.76 1.28 0.00	26.83 1.37 0.00	25.74 1.30 0.00	26.90 1.31 0.00	26.55 1.38 0.00	26.87 1.43 0.00	122.06 5.60 0.00	58.04 3.30 0.00	24.87 1.08 0.00	18.62 0.76 0.00	21.15 0.77 0.00	20.25 0.80 0.00	22.40 0.87 0.00	19.60 0.73 0.00	25.89 1.02 0.00	44.12 1.75 0.00	48.15 2.43 0.00	53.56 2.73 0.00	61.53 3.03 0.00	41.37 1.87 0.00	36.00 1.66 0.00	36.18 1.46 0.00	31.55 1.06 0.00	28.47 0.99 0.00
N.AKRON__115KV_KNAPP 355671	25.27 -0.21 0.00	25.45 -0.01 0.00	24.31 -0.14 0.00	25.17 -0.41 0.00	24.96 -0.21 0.00	25.44 0.00 0.00	115.49 -0.96 0.00	53.37 -1.37 0.00	23.44 -0.34 0.00	17.60 -0.26 0.00	20.06 -0.31 0.00	19.30 -0.15 0.00	21.21 -0.32 0.00	18.22 -0.65 0.00	23.91 -0.97 0.00	39.97 -2.41 0.00	43.22 -2.50 0.00	47.54 -3.28 0.00	54.09 -4.41 0.00	36.58 -2.92 0.00	31.76 -2.58 0.00	32.00 -2.72 0.00	28.15 -2.33 0.00	25.53 -1.95 0.00
N.BELMOR_69_KV_BK1 55787	26.66 1.19 0.00	26.49 1.03 0.00	25.49 1.05 0.00	26.66 1.07 0.00	26.02 0.85 0.00	26.18 0.74 0.00	120.13 3.68 0.00	56.44 1.70 0.00	24.05 1.16 0.90	18.00 0.99 0.85	20.65 1.07 0.80	19.33 1.02 1.14	21.77 1.29 1.05	18.92 1.08 1.02	44.01 1.70 -17.43	45.50 2.47 -0.65	48.14 2.42 0.00	53.27 2.45 0.00	61.16 2.65 0.00	41.56 2.06 0.00	36.49 2.14 0.00	36.85 2.13 0.00	41.34 2.31 -8.54	38.77 2.09 -9.20
N.E_GEN_SANDY PD 24062	25.83 0.56 0.20	26.11 0.64 0.00	25.08 0.63 0.00	26.32 0.74 0.00	26.33 0.69 -0.48	26.05 0.60 0.00	118.65 2.42 0.23	56.19 1.45 0.00	24.43 0.64 0.00	18.22 0.36 0.00	20.91 0.54 0.00	19.90 0.44 0.00	21.53 0.56 0.55	19.46 0.59 0.00	29.07 0.88 -3.30	46.29 1.49 -2.42	42.98 1.27 4.02	55.59 1.97 -2.79	63.19 2.17 -2.52	55.01 1.53 -13.98	59.83 1.36 -24.12	61.60 1.39 -25.49	57.07 1.23 -25.35	35.70 1.10 -7.13
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	26.50 1.02 0.00	26.37 0.90 0.00	25.36 0.92 0.00	26.55 0.96 0.00	26.03 0.87 0.00	26.29 0.84 0.00	120.83 4.37 0.00	56.81 2.07 0.00	24.81 1.03 0.00	18.70 0.84 0.00	21.29 0.92 0.00	20.27 0.82 0.00	22.59 1.06 0.00	19.72 0.85 0.00	25.98 1.10 0.00	43.20 1.72 0.90	47.65 1.92 0.00	53.25 2.43 0.00	60.96 2.45 0.00	41.14 1.64 0.00	35.87 1.52 0.00	36.35 1.63 0.00	32.01 1.52 0.00	28.86 1.39 0.00
N.QUEENS_27_KV_LOAD 356247	26.61 1.13 0.00	26.45 0.99 0.00	25.44 0.99 0.00	26.61 1.03 0.00	26.12 0.95 0.00	26.41 0.96 0.00	121.18 4.72 0.00	57.10 2.36 0.00	40.07 1.05 -15.24	33.70 0.85 -14.98	34.36 0.99 -13.00	38.96 0.88 -18.63	39.82 1.07 -17.22	36.91 0.85 -17.19	34.20 1.13 -8.19	44.81 1.85 -0.59	47.81 2.08 0.00	53.44 2.61 0.00	61.19 2.68 0.00	41.26 1.77 0.00	36.01 1.67 0.00	36.46 1.74 0.00	32.16 1.68 0.00	28.96 1.48 0.00
N.TROY___115KV_TB1 355778	26.08 0.60 0.00	26.10 0.64 0.00	25.08 0.63 0.00	26.30 0.72 0.00	25.84 0.68 0.00	26.07 0.63 0.00	119.26 2.80 0.00	56.30 1.56 0.00	24.41 0.63 0.00	18.20 0.34 0.00	20.85 0.47 0.00	19.86 0.40 0.00	22.02 0.50 0.00	19.39 0.53 0.00	25.66 0.78 0.00	43.78 1.40 0.00	47.05 1.33 0.00	52.75 1.92 0.00	60.67 2.17 0.00	41.00 1.51 0.00	35.66 1.31 0.00	36.06 1.34 0.00	31.67 1.18 0.00	28.52 1.04 0.00
NARROWS_GT1_1 24228	26.74 1.27 0.00	26.62 1.16 0.00	25.60 1.15 0.00	26.78 1.20 0.00	26.28 1.11 0.00	26.57 1.13 0.00	121.98 5.52 0.00	57.29 2.55 0.00	42.26 1.22 -17.26	35.02 0.92 -16.24	36.69 1.01 -15.30	42.32 0.95 -21.92	42.95 1.16 -20.27	39.47 0.96 -19.63	35.79 1.29 -9.62	45.12 2.16 -0.59	48.08 2.36 0.00	53.79 2.96 0.00	61.51 3.01 0.00	41.56 2.07 0.00	36.31 1.97 0.00	36.77 2.05 0.00	32.38 1.90 0.00	29.16 1.69 0.00
NARROWS_GT1_2 24229	26.74 1.27 0.00	26.62 1.16 0.00	25.60 1.15 0.00	26.78 1.20 0.00	26.28 1.11 0.00	26.57 1.13 0.00	121.98 5.52 0.00	57.29 2.55 0.00	42.26 1.22 -17.26	35.02 0.92 -16.24	36.69 1.01 -15.30	42.32 0.95 -21.92	42.95 1.16 -20.27	39.47 0.96 -19.63	35.79 1.29 -9.62	45.12 2.16 -0.59	48.08 2.36 0.00	53.79 2.96 0.00	61.51 3.01 0.00	41.56 2.07 0.00	36.31 1.97 0.00	36.77 2.05 0.00	32.38 1.90 0.00	29.16 1.69 0.00
NARROWS_GT1_3 24230	26.74 1.27 0.00	26.62 1.16 0.00	25.60 1.15 0.00	26.78 1.20 0.00	26.28 1.11 0.00	26.57 1.13 0.00	121.98 5.52 0.00	57.29 2.55 0.00	42.26 1.22 -17.26	35.02 0.92 -16.24	36.69 1.01 -15.30	42.32 0.95 -21.92	42.95 1.16 -20.27	39.47 0.96 -19.63	35.79 1.29 -9.62	45.12 2.16 -0.59	48.08 2.36 0.00	53.79 2.96 0.00	61.51 3.01 0.00	41.56 2.07 0.00	36.31 1.97 0.00	36.77 2.05 0.00	32.38 1.90 0.00	29.16 1.69 0.00
NARROWS_GT1_4 24231	26.74 1.27 0.00	26.62 1.16 0.00	25.60 1.15 0.00	26.78 1.20 0.00	26.28 1.11 0.00	26.57 1.13 0.00	121.98 5.52 0.00	57.29 2.55 0.00	42.26 1.22 -17.26	35.02 0.92 -16.24	36.69 1.01 -15.30	42.32 0.95 -21.92	42.95 1.16 -20.27	39.47 0.96 -19.63	35.79 1.29 -9.62	45.12 2.16 -0.59	48.08 2.36 0.00	53.79 2.96 0.00	61.51 3.01 0.00	41.56 2.07 0.00	36.31 1.97 0.00	36.77 2.05 0.00	32.38 1.90 0.00	29.16 1.69 0.00



NARROWS_GT1_5 24232	26.74 1.27 0.00	26.62 1.16 0.00	25.60 1.15 0.00	26.78 1.20 0.00	26.28 1.11 0.00	26.57 1.13 0.00	121.98 5.52 0.00	57.29 2.55 0.00	42.26 1.22 -17.26	35.02 0.92 -16.24	36.69 1.01 -15.30	42.32 0.95 -21.92	42.95 1.16 -20.27	39.47 0.96 -19.63	35.79 1.29 -9.62	45.12 2.16 -0.59	48.08 2.36 0.00	53.79 2.96 0.00	61.51 3.01 0.00	41.56 2.07 0.00	36.31 1.97 0.00	36.77 2.05 0.00	32.38 1.90 0.00	29.16 1.69 0.00
NARROWS_GT1_6 24233	26.74 1.27 0.00	26.62 1.16 0.00	25.60 1.15 0.00	26.78 1.20 0.00	26.28 1.11 0.00	26.57 1.13 0.00	121.98 5.52 0.00	57.29 2.55 0.00	42.26 1.22 -17.26	35.02 0.92 -16.24	36.69 1.01 -15.30	42.32 0.95 -21.92	42.95 1.16 -20.27	39.47 0.96 -19.63	35.79 1.29 -9.62	45.12 2.16 -0.59	48.08 2.36 0.00	53.79 2.96 0.00	61.51 3.01 0.00	41.56 2.07 0.00	36.31 1.97 0.00	36.77 2.05 0.00	32.38 1.90 0.00	29.16 1.69 0.00
NARROWS_GT1_7 24234	26.74 1.27 0.00	26.62 1.16 0.00	25.60 1.15 0.00	26.78 1.20 0.00	26.28 1.11 0.00	26.57 1.13 0.00	121.98 5.52 0.00	57.29 2.55 0.00	42.26 1.22 -17.26	35.02 0.92 -16.24	36.69 1.01 -15.30	42.32 0.95 -21.92	42.95 1.16 -20.27	39.47 0.96 -19.63	35.79 1.29 -9.62	45.12 2.16 -0.59	48.08 2.36 0.00	53.79 2.96 0.00	61.51 3.01 0.00	41.56 2.07 0.00	36.31 1.97 0.00	36.77 2.05 0.00	32.38 1.90 0.00	29.16 1.69 0.00
NARROWS_GT1_8 24235	26.74 1.27 0.00	26.62 1.16 0.00	25.60 1.15 0.00	26.78 1.20 0.00	26.28 1.11 0.00	26.57 1.13 0.00	121.98 5.52 0.00	57.29 2.55 0.00	42.26 1.22 -17.26	35.02 0.92 -16.24	36.69 1.01 -15.30	42.32 0.95 -21.92	42.95 1.16 -20.27	39.47 0.96 -19.63	35.79 1.29 -9.62	45.12 2.16 -0.59	48.08 2.36 0.00	53.79 2.96 0.00	61.51 3.01 0.00	41.56 2.07 0.00	36.31 1.97 0.00	36.77 2.05 0.00	32.38 1.90 0.00	29.16 1.69 0.00
NARROWS_GT2_1 24236	26.74 1.27 0.00	26.62 1.16 0.00	25.60 1.15 0.00	26.78 1.20 0.00	26.28 1.11 0.00	26.57 1.13 0.00	121.98 5.52 0.00	57.29 2.55 0.00	42.26 1.22 -17.26	35.02 0.92 -16.24	36.69 1.01 -15.30	42.32 0.95 -21.92	42.95 1.16 -20.27	39.47 0.96 -19.63	35.79 1.29 -9.62	45.12 2.16 -0.59	48.08 2.36 0.00	53.79 2.96 0.00	61.51 3.01 0.00	41.56 2.07 0.00	36.31 1.97 0.00	36.77 2.05 0.00	32.38 1.90 0.00	29.16 1.69 0.00
NARROWS_GT2_2 24237	26.74 1.27 0.00	26.62 1.16 0.00	25.60 1.15 0.00	26.78 1.20 0.00	26.28 1.11 0.00	26.57 1.13 0.00	121.98 5.52 0.00	57.29 2.55 0.00	42.26 1.22 -17.26	35.02 0.92 -16.24	36.69 1.01 -15.30	42.32 0.95 -21.92	42.95 1.16 -20.27	39.47 0.96 -19.63	35.79 1.29 -9.62	45.12 2.16 -0.59	48.08 2.36 0.00	53.79 2.96 0.00	61.51 3.01 0.00	41.56 2.07 0.00	36.31 1.97 0.00	36.77 2.05 0.00	32.38 1.90 0.00	29.16 1.69 0.00
NARROWS_GT2_3 24238	26.74 1.27 0.00	26.62 1.16 0.00	25.60 1.15 0.00	26.78 1.20 0.00	26.28 1.11 0.00	26.57 1.13 0.00	121.98 5.52 0.00	57.29 2.55 0.00	42.26 1.22 -17.26	35.02 0.92 -16.24	36.69 1.01 -15.30	42.32 0.95 -21.92	42.95 1.16 -20.27	39.47 0.96 -19.63	35.79 1.29 -9.62	45.12 2.16 -0.59	48.08 2.36 0.00	53.79 2.96 0.00	61.51 3.01 0.00	41.56 2.07 0.00	36.31 1.97 0.00	36.77 2.05 0.00	32.38 1.90 0.00	29.16 1.69 0.00
NARROWS_GT2_4 24239	26.74 1.27 0.00	26.62 1.16 0.00	25.60 1.15 0.00	26.78 1.20 0.00	26.28 1.11 0.00	26.57 1.13 0.00	121.98 5.52 0.00	57.29 2.55 0.00	42.26 1.22 -17.26	35.02 0.92 -16.24	36.69 1.01 -15.30	42.32 0.95 -21.92	42.95 1.16 -20.27	39.47 0.96 -19.63	35.79 1.29 -9.62	45.12 2.16 -0.59	48.08 2.36 0.00	53.79 2.96 0.00	61.51 3.01 0.00	41.56 2.07 0.00	36.31 1.97 0.00	36.77 2.05 0.00	32.38 1.90 0.00	29.16 1.69 0.00
NARROWS_GT2_5 24240	26.74 1.27 0.00	26.62 1.16 0.00	25.60 1.15 0.00	26.78 1.20 0.00	26.28 1.11 0.00	26.57 1.13 0.00	121.98 5.52 0.00	57.29 2.55 0.00	42.26 1.22 -17.26	35.02 0.92 -16.24	36.69 1.01 -15.30	42.32 0.95 -21.92	42.95 1.16 -20.27	39.47 0.96 -19.63	35.79 1.29 -9.62	45.12 2.16 -0.59	48.08 2.36 0.00	53.79 2.96 0.00	61.51 3.01 0.00	41.56 2.07 0.00	36.31 1.97 0.00	36.77 2.05 0.00	32.38 1.90 0.00	29.16 1.69 0.00
NARROWS_GT2_6 24241	26.74 1.27 0.00	26.62 1.16 0.00	25.60 1.15 0.00	26.78 1.20 0.00	26.28 1.11 0.00	26.57 1.13 0.00	121.98 5.52 0.00	57.29 2.55 0.00	42.26 1.22 -17.26	35.02 0.92 -16.24	36.69 1.01 -15.30	42.32 0.95 -21.92	42.95 1.16 -20.27	39.47 0.96 -19.63	35.79 1.29 -9.62	45.12 2.16 -0.59	48.08 2.36 0.00	53.79 2.96 0.00	61.51 3.01 0.00	41.56 2.07 0.00	36.31 1.97 0.00	36.77 2.05 0.00	32.38 1.90 0.00	29.16 1.69 0.00
NARROWS_GT2_7 24242	26.74 1.27 0.00	26.62 1.16 0.00	25.60 1.15 0.00	26.78 1.20 0.00	26.28 1.11 0.00	26.57 1.13 0.00	121.98 5.52 0.00	57.29 2.55 0.00	42.26 1.22 -17.26	35.02 0.92 -16.24	36.69 1.01 -15.30	42.32 0.95 -21.92	42.95 1.16 -20.27	39.47 0.96 -19.63	35.79 1.29 -9.62	45.12 2.16 -0.59	48.08 2.36 0.00	53.79 2.96 0.00	61.51 3.01 0.00	41.56 2.07 0.00	36.31 1.97 0.00	36.77 2.05 0.00	32.38 1.90 0.00	29.16 1.69 0.00
NARROWS_GT2_8 24243	26.74 1.27 0.00	26.62 1.16 0.00	25.60 1.15 0.00	26.78 1.20 0.00	26.28 1.11 0.00	26.57 1.13 0.00	121.98 5.52 0.00	57.29 2.55 0.00	42.26 1.22 -17.26	35.02 0.92 -16.24	36.69 1.01 -15.30	42.32 0.95 -21.92	42.95 1.16 -20.27	39.47 0.96 -19.63	35.79 1.29 -9.62	45.12 2.16 -0.59	48.08 2.36 0.00	53.79 2.96 0.00	61.51 3.01 0.00	41.56 2.07 0.00	36.31 1.97 0.00	36.77 2.05 0.00	32.38 1.90 0.00	29.16 1.69 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	26.27 0.79 0.00	26.30 0.84 0.00	25.27 0.82 0.00	26.51 0.92 0.00	26.07 0.90 0.00	26.36 0.92 0.00	120.96 4.50 0.00	57.13 2.39 0.00	24.53 0.75 0.00	18.14 0.27 0.00	20.75 0.38 0.00	19.74 0.29 0.00	21.85 0.32 0.00	19.22 0.35 0.00	25.41 0.53 0.00	43.73 1.35 0.00	47.46 1.73 0.00	53.37 2.54 0.00	61.42 2.91 0.00	41.47 1.97 0.00	36.00 1.65 0.00	36.31 1.59 0.00	31.83 1.34 0.00	28.62 1.14 0.00
NCHELSEA_115KV_TR2 355582	26.67 1.19 0.00	26.55 1.09 0.00	25.53 1.08 0.00	26.73 1.14 0.00	26.23 1.07 0.00	26.52 1.08 0.00	121.96 5.50 0.00	57.34 2.60 0.00	25.00 1.22 0.00	18.81 0.95 0.00	21.43 1.05 0.00	20.40 0.96 0.00	22.68 1.15 0.00	19.82 0.95 0.00	26.15 1.27 0.00	44.49 2.11 0.00	48.07 2.35 0.00	53.75 2.92 0.00	61.57 3.06 0.00	41.56 2.06 0.00	36.21 1.87 0.00	36.66 1.94 0.00	32.23 1.74 0.00	29.03 1.55 0.00
NEG CAPITAL___MECHNVIL 23645	26.45 0.97 0.00	26.47 1.00 0.00	25.43 0.98 0.00	26.66 1.08 0.00	26.22 1.05 0.00	26.50 1.06 0.00	121.52 5.07 0.00	57.26 2.52 0.00	24.73 0.95 0.00	18.41 0.55 0.00	21.03 0.66 0.00	20.03 0.57 0.00	22.20 0.67 0.00	19.54 0.67 0.00	25.89 1.01 0.00	44.29 1.91 0.00	47.79 2.06 0.00	53.57 2.75 0.00	61.62 3.12 0.00	41.62 2.12 0.00	36.14 1.79 0.00	36.51 1.79 0.00	32.07 1.58 0.00	28.87 1.39 0.00



NEG CENTRAL_HIGH_ACRES 23767	24.75 -0.73 0.00	24.84 -0.62 0.00	23.78 -0.66 0.00	24.76 -0.82 0.00	24.47 -0.69 0.00	24.89 -0.55 0.00	113.73 -2.73 0.00	53.12 -1.63 0.00	23.12 -0.66 0.00	17.33 -0.53 0.00	19.80 -0.57 0.00	18.97 -0.48 0.00	20.87 -0.66 0.00	18.11 -0.76 0.00	23.79 -1.09 0.00	40.51 -1.86 0.00	43.79 -1.94 0.00	48.55 -2.27 0.00	55.50 -3.01 0.00	37.47 -2.03 0.00	32.50 -1.84 0.00	32.77 -1.95 0.00	28.75 -1.74 0.00	25.97 -1.51 0.00
NEG CENTRAL___DRP 24199	25.60 0.12 0.00	25.57 0.11 0.00	24.54 0.09 0.00	25.61 0.02 0.00	25.24 0.08 0.00	25.59 0.14 0.00	117.63 1.18 0.00	55.02 0.27 0.00	23.92 0.14 0.00	17.84 -0.01 0.00	20.32 -0.05 0.00	19.45 0.00 0.00	21.43 -0.10 0.00	18.68 -0.19 0.00	24.56 -0.32 0.00	41.91 -0.47 0.00	45.53 -0.19 0.00	50.67 -0.15 0.00	58.04 -0.47 0.00	39.08 -0.42 0.00	33.86 -0.48 0.00	34.26 -0.46 0.00	29.97 -0.52 0.00	26.98 -0.50 0.00
NEG CENTRAL___INDECK 23768	26.22 0.74 0.00	26.28 0.81 0.00	25.18 0.74 0.00	26.18 0.60 0.00	25.81 0.65 0.00	26.25 0.81 0.00	120.50 4.04 0.00	56.15 1.41 0.00	24.25 0.47 0.00	17.95 0.09 0.00	20.46 0.09 0.00	19.69 0.24 0.00	21.61 0.09 0.00	18.56 -0.31 0.00	23.82 -1.06 0.00	40.33 -2.04 0.00	44.45 -1.28 0.00	49.16 -1.67 0.00	55.90 -2.60 0.00	37.60 -1.90 0.00	32.47 -1.87 0.00	33.43 -1.29 0.00	29.47 -1.01 0.00	26.58 -0.90 0.00
NEG CENTRAL___SENECA 23627	25.84 0.37 0.00	25.80 0.34 0.00	24.76 0.31 0.00	25.81 0.23 0.00	25.45 0.28 0.00	25.79 0.34 0.00	118.71 2.25 0.00	55.46 0.72 0.00	24.14 0.36 0.00	17.98 0.12 0.00	20.46 0.09 0.00	19.61 0.16 0.00	21.58 0.05 0.00	18.78 -0.09 0.00	24.63 -0.25 0.00	41.95 -0.43 0.00	45.66 -0.07 0.00	50.75 -0.08 0.00	58.07 -0.43 0.00	39.06 -0.43 0.00	33.80 -0.54 0.00	34.25 -0.47 0.00	29.90 -0.58 0.00	26.92 -0.56 0.00
NEG CENTRAL___STATE_STREET 24147	25.60 0.12 0.00	25.57 0.10 0.00	24.54 0.09 0.00	25.65 0.06 0.00	25.27 0.11 0.00	25.60 0.15 0.00	117.65 1.19 0.00	55.12 0.38 0.00	23.91 0.13 0.00	17.87 0.01 0.00	20.36 -0.01 0.00	19.47 0.01 0.00	21.48 -0.05 0.00	18.77 -0.10 0.00	24.72 -0.16 0.00	42.29 -0.09 0.00	45.86 0.13 0.00	51.09 0.26 0.00	58.62 0.12 0.00	39.51 0.01 0.00	34.29 -0.05 0.00	34.64 -0.09 0.00	30.32 -0.16 0.00	27.31 -0.17 0.00
NEG MILLWOOD___DRP 24198	26.76 1.28 0.00	26.64 1.18 0.00	25.62 1.17 0.00	26.81 1.22 0.00	26.32 1.16 0.00	26.62 1.17 0.00	122.46 6.01 0.00	57.62 2.88 0.00	25.13 1.35 0.00	18.91 1.06 0.00	21.54 1.17 0.00	20.52 1.07 0.00	22.80 1.27 0.00	19.92 1.05 0.00	26.28 1.40 0.00	44.83 2.31 -0.14	48.28 2.56 0.00	54.00 3.18 0.00	61.87 3.37 0.00	41.76 2.27 0.00	36.39 2.05 0.00	36.83 2.11 0.00	32.38 1.90 0.00	29.16 1.69 0.00
NEG NORTH_FLCN_SEA 23793	26.13 0.66 0.00	26.28 0.81 0.00	25.24 0.80 0.00	26.31 0.72 0.00	25.97 0.80 0.00	26.22 0.78 0.00	117.96 1.50 0.00	56.04 1.30 0.00	24.13 0.35 0.00	18.39 0.53 0.00	20.89 0.52 0.00	20.03 0.58 0.00	22.18 0.65 0.00	19.43 0.56 0.00	25.71 0.83 0.00	43.48 1.11 0.00	46.65 0.92 0.00	51.72 0.89 0.00	59.28 0.78 0.00	39.89 0.40 0.00	34.93 0.59 0.00	35.16 0.44 0.00	30.82 0.33 0.00	27.93 0.45 0.00
NEG NORTH_KES_CHATEGAY 23792	26.07 0.60 0.00	26.21 0.74 0.00	25.14 0.69 0.00	26.24 0.65 0.00	25.87 0.70 0.00	26.13 0.68 0.00	118.13 1.67 0.00	56.14 1.40 0.00	24.17 0.39 0.00	18.25 0.39 0.00	20.74 0.37 0.00	19.87 0.42 0.00	22.00 0.47 0.00	19.29 0.42 0.00	25.50 0.62 0.00	43.25 0.87 0.00	46.66 0.93 0.00	51.58 0.76 0.00	59.25 0.75 0.00	39.83 0.33 0.00	34.72 0.38 0.00	34.93 0.21 0.00	30.60 0.12 0.00	27.78 0.30 0.00
NEG NORTH___ALICE_FALLS 23915	26.33 0.85 0.00	26.48 1.01 0.00	25.42 0.97 0.00	26.50 0.91 0.00	26.15 0.98 0.00	26.43 0.99 0.00	119.15 2.70 0.00	56.51 1.77 0.00	24.34 0.56 0.00	18.48 0.62 0.00	21.00 0.63 0.00	20.14 0.69 0.00	22.29 0.76 0.00	19.53 0.66 0.00	25.83 0.95 0.00	43.73 1.35 0.00	47.08 1.35 0.00	52.21 1.38 0.00	59.87 1.37 0.00	40.27 0.78 0.00	35.17 0.83 0.00	35.39 0.66 0.00	30.98 0.50 0.00	28.08 0.60 0.00
NEG NORTH___LWR_SARANAC 23913	26.33 0.85 0.00	26.48 1.01 0.00	25.42 0.97 0.00	26.50 0.91 0.00	26.15 0.98 0.00	26.43 0.99 0.00	119.15 2.70 0.00	56.51 1.77 0.00	24.34 0.56 0.00	18.48 0.62 0.00	21.00 0.63 0.00	20.14 0.69 0.00	22.29 0.76 0.00	19.53 0.66 0.00	25.83 0.95 0.00	43.73 1.35 0.00	47.08 1.35 0.00	52.21 1.38 0.00	59.87 1.37 0.00	40.27 0.78 0.00	35.17 0.83 0.00	35.39 0.66 0.00	30.98 0.50 0.00	28.08 0.60 0.00
NEG NORTH___PLATTSBURG 23628	26.33 0.85 0.00	26.47 1.01 0.00	25.42 0.97 0.00	26.50 0.91 0.00	26.15 0.98 0.00	26.43 0.99 0.00	119.15 2.70 0.00	56.51 1.77 0.00	24.34 0.56 0.00	18.48 0.62 0.00	21.00 0.63 0.00	20.14 0.69 0.00	22.29 0.76 0.00	19.53 0.66 0.00	25.83 0.96 0.00	43.73 1.35 0.00	47.08 1.35 0.00	52.21 1.39 0.00	59.87 1.37 0.00	40.27 0.78 0.00	35.17 0.83 0.00	35.38 0.66 0.00	30.98 0.50 0.00	28.08 0.60 0.00
NEG WEST_LEA_LOCKPORT 23791	24.95 -0.53 0.00	25.15 -0.32 0.00	24.01 -0.43 0.00	24.85 -0.73 0.00	24.62 -0.54 0.00	25.09 -0.36 0.00	113.65 -2.81 0.00	52.39 -2.36 0.00	23.06 -0.72 0.00	17.37 -0.49 0.00	19.84 -0.53 0.00	19.10 -0.35 0.00	20.94 -0.59 0.00	17.97 -0.90 0.00	23.45 -1.43 0.00	39.30 -3.08 0.00	42.31 -3.42 0.00	46.40 -4.42 0.00	52.78 -5.72 0.00	35.70 -3.79 0.00	31.01 -3.34 0.00	31.28 -3.44 0.00	27.56 -2.92 0.00	25.04 -2.44 0.00
NEG WEST___LANCASTR 23811	26.30 0.82 0.00	26.40 0.94 0.00	25.24 0.80 0.00	26.19 0.60 0.00	25.88 0.71 0.00	26.25 0.80 0.00	119.79 3.34 0.00	55.24 0.50 0.00	24.23 0.45 0.00	18.31 0.45 0.00	21.00 0.63 0.00	20.24 0.79 0.00	22.20 0.67 0.00	19.08 0.21 0.00	24.89 0.01 0.00	41.83 -0.55 0.00	44.76 -0.97 0.00	49.23 -1.59 0.00	56.07 -2.44 0.00	37.81 -1.69 0.00	32.83 -1.52 0.00	33.16 -1.57 0.00	29.13 -1.36 0.00	26.50 -0.98 0.00
NEG_PENN_ALLEGHNY 23528	26.21 0.74 0.00	26.08 0.62 0.00	25.04 0.60 0.00	26.18 0.59 0.00	25.74 0.57 0.00	25.98 0.54 0.00	120.32 3.86 0.00	56.00 1.26 0.00	24.58 0.80 0.00	18.40 0.54 0.00	20.97 0.59 0.00	20.11 0.66 0.00	22.16 0.63 0.00	19.33 0.46 0.00	25.24 0.36 0.00	42.57 0.19 0.00	45.91 0.18 0.00	51.08 0.26 0.00	58.64 0.14 0.00	39.45 -0.04 0.00	34.21 -0.13 0.00	34.60 -0.12 0.00	30.31 -0.17 0.00	27.34 -0.14 0.00
NEG___GEN_MONROE 24207	25.27 -0.21 0.00	25.42 -0.05 0.00	24.31 -0.14 0.00	25.26 -0.32 0.00	25.00 -0.17 0.00	25.45 0.01 0.00	116.07 -0.39 0.00	53.93 -0.81 0.00	23.53 -0.25 0.00	17.62 -0.24 0.00	20.11 -0.27 0.00	19.29 -0.16 0.00	21.21 -0.32 0.00	18.34 -0.53 0.00	24.03 -0.85 0.00	40.74 -1.63 0.00	44.15 -1.58 0.00	48.90 -1.93 0.00	55.83 -2.68 0.00	37.72 -1.78 0.00	32.74 -1.60 0.00	33.01 -1.72 0.00	28.98 -1.51 0.00	26.21 -1.27 0.00



NEPA__ENERGY 23901	25.61 0.13 0.00	25.77 0.30 0.00	24.63 0.18 0.00	25.54 -0.04 0.00	25.29 0.12 0.00	25.80 0.35 0.00	117.50 1.05 0.00	54.22 -0.52 0.00	23.72 -0.06 0.00	17.90 0.04 0.00	20.52 0.15 0.00	19.76 0.32 0.00	21.64 0.11 0.00	18.56 -0.32 0.00	24.17 -0.71 0.00	40.57 -1.81 0.00	43.50 -2.23 0.00	47.74 -3.08 0.00	54.10 -4.40 0.00	36.46 -3.03 0.00	31.64 -2.71 0.00	31.90 -2.83 0.00	27.33 -2.46 0.69	23.29 -2.03 2.16
NEVERSink__HYD 23608	26.80 1.32 0.00	26.68 1.22 0.00	25.65 1.20 0.00	26.86 1.27 0.00	26.37 1.21 0.00	26.69 1.24 0.00	122.79 6.33 0.00	57.69 2.95 0.00	25.07 1.29 0.00	18.82 0.96 0.00	21.34 0.96 0.00	20.31 0.85 0.00	22.62 1.09 0.00	19.76 0.89 0.00	26.10 1.22 0.16	44.37 2.15 0.00	48.29 2.57 0.00	54.01 3.18 0.00	61.91 3.41 0.00	41.79 2.30 0.00	36.40 2.06 0.00	36.82 2.10 0.00	32.35 1.87 0.00	29.14 1.66 0.00
NEWKRMKL_115KV_TB1 55635	25.65 0.17 0.00	25.65 0.19 0.00	24.65 0.20 0.00	25.84 0.25 0.00	25.37 0.21 0.00	25.59 0.14 0.00	117.26 0.81 0.00	55.33 0.59 0.00	24.02 0.24 0.00	17.97 0.11 0.00	20.63 0.26 0.00	19.65 0.20 0.00	21.79 0.26 0.00	19.14 0.27 0.00	25.23 0.34 0.00	43.02 0.64 0.00	46.30 0.58 0.00	51.85 1.03 0.00	59.54 1.03 0.00	40.22 0.72 0.00	34.97 0.62 0.00	35.37 0.65 0.00	31.07 0.58 0.00	27.98 0.50 0.00
NEWTON__FALLS_HYD 23847	27.01 1.54 0.00	26.96 1.49 0.00	25.87 1.43 0.00	27.12 1.53 0.00	26.81 1.65 0.00	27.23 1.79 0.00	124.90 8.44 0.00	59.09 4.34 0.00	25.11 1.33 0.00	18.42 0.56 0.00	20.95 0.58 0.00	20.07 0.62 0.00	22.24 0.71 0.00	19.41 0.54 0.00	25.53 0.64 0.00	43.99 1.61 0.00	49.15 3.42 0.00	55.22 4.39 0.00	63.46 4.95 0.00	42.77 3.28 0.00	37.11 2.77 0.00	37.31 2.59 0.00	32.17 1.68 0.00	28.48 1.01 0.00
NGRID_A1_DSASP 323792	24.56 -0.92 0.00	24.77 -0.69 0.00	23.66 -0.79 0.00	24.47 -1.11 0.00	24.26 -0.90 0.00	24.74 -0.71 0.00	111.82 -4.63 0.00	51.42 -3.32 0.00	22.69 -1.10 0.00	17.12 -0.74 0.00	19.56 -0.82 0.00	18.83 -0.62 0.00	20.63 -0.90 0.00	17.70 -1.17 0.00	23.07 -1.81 0.00	38.63 -3.75 0.00	41.51 -4.22 0.00	45.50 -5.33 0.00	51.75 -6.76 0.00	35.03 -4.46 0.00	30.44 -3.91 0.00	30.72 -4.00 0.00	27.10 -3.38 0.00	24.64 -2.84 0.00
NGRID_A2_DSASP 323793	24.56 -0.92 0.00	24.77 -0.69 0.00	23.66 -0.79 0.00	24.47 -1.11 0.00	24.26 -0.90 0.00	24.74 -0.71 0.00	111.82 -4.63 0.00	51.42 -3.32 0.00	22.69 -1.10 0.00	17.12 -0.74 0.00	19.56 -0.82 0.00	18.83 -0.62 0.00	20.63 -0.90 0.00	17.70 -1.17 0.00	23.07 -1.81 0.00	38.63 -3.75 0.00	41.51 -4.22 0.00	45.50 -5.33 0.00	51.75 -6.76 0.00	35.03 -4.46 0.00	30.44 -3.91 0.00	30.72 -4.00 0.00	27.10 -3.38 0.00	24.64 -2.84 0.00
NGRID_A4_DSASP 323807	24.46 -1.02 0.00	24.68 -0.78 0.00	23.57 -0.88 0.00	24.38 -1.21 0.00	24.16 -1.00 0.00	24.67 -0.77 0.00	111.57 -4.88 0.01	51.21 -3.54 0.00	22.59 -1.19 0.00	17.05 -0.81 0.00	19.48 -0.89 0.00	18.76 -0.69 0.00	20.55 -0.97 0.01	17.63 -1.24 0.00	22.97 -1.90 0.01	38.47 -3.89 0.02	41.32 -4.39 0.02	45.29 -5.52 0.02	51.51 -6.97 0.02	34.89 -4.60 0.00	30.31 -4.04 0.01	30.57 -4.13 0.01	26.96 -3.51 0.02	24.51 -2.95 0.01
NIAGARA_115E_LBMP 323715	24.51 -0.97 0.00	24.73 -0.74 0.00	23.61 -0.83 0.00	24.43 -1.15 0.00	24.22 -0.95 0.00	24.68 -0.77 0.00	111.50 -4.95 0.00	51.29 -3.45 0.00	22.64 -1.14 0.00	17.09 -0.77 0.00	19.51 -0.86 0.00	18.79 -0.66 0.00	20.58 -0.94 0.00	17.65 -1.21 0.00	23.01 -1.87 0.00	38.51 -3.86 0.00	41.39 -4.33 0.00	45.38 -5.44 0.00	51.60 -6.90 0.00	34.95 -4.55 0.00	30.35 -4.00 0.00	30.64 -4.08 0.00	27.04 -3.44 0.00	24.59 -2.89 0.00
NIAGARA_115W_LBMP 323714	24.43 -1.04 0.00	24.65 -0.81 0.00	23.54 -0.90 0.00	24.35 -1.23 0.00	24.14 -1.02 0.00	24.64 -0.80 0.00	111.39 -5.06 0.01	51.17 -3.58 0.00	22.57 -1.22 0.00	17.04 -0.82 0.00	19.46 -0.91 0.00	18.74 -0.71 0.00	20.53 -0.99 0.01	17.61 -1.26 0.00	22.94 -1.92 0.01	38.43 -3.93 0.02	41.28 -4.42 0.02	45.25 -5.55 0.02	51.46 -7.02 0.02	34.86 -4.63 0.00	30.27 -4.07 0.00	30.55 -4.16 0.01	26.94 -3.53 0.02	24.51 -2.96 0.01
NIAGARA_230_LBMP 323716	24.68 -0.80 0.00	24.89 -0.58 0.00	23.77 -0.67 0.00	24.60 -0.98 0.00	24.38 -0.79 0.00	24.83 -0.62 0.00	112.37 -4.08 0.00	51.75 -2.99 0.00	22.78 -0.99 0.00	17.21 -0.66 0.00	19.68 -0.69 0.00	18.94 -0.51 0.00	20.77 -0.76 0.00	17.83 -1.03 0.00	23.25 -1.63 0.00	38.96 -3.42 0.00	41.80 -3.92 0.00	45.90 -4.93 0.00	52.23 -6.27 0.00	35.35 -4.15 0.00	30.69 -3.65 0.00	30.99 -3.73 0.00	27.32 -3.16 0.00	24.84 -2.64 0.00
NIAGARA__115KV_198_GIBSON 55903	24.44 -1.04 0.00	24.66 -0.81 0.00	23.54 -0.90 0.00	24.35 -1.23 0.00	24.15 -1.02 0.00	24.63 -0.81 0.00	111.39 -5.06 0.01	51.16 -3.59 0.00	22.56 -1.22 0.00	17.03 -0.83 0.00	19.45 -0.92 0.00	18.73 -0.72 0.00	20.52 -1.00 0.01	17.60 -1.27 0.00	22.94 -1.93 0.01	38.43 -3.93 0.02	41.28 -4.42 0.02	45.24 -5.56 0.02	51.45 -7.03 0.02	34.86 -4.63 0.00	30.29 -4.05 0.00	30.55 -4.15 0.01	26.94 -3.53 0.02	24.50 -2.97 0.01
NIAGARA____ 23760	24.68 -0.80 0.00	24.89 -0.58 0.00	23.77 -0.67 0.00	24.60 -0.98 0.00	24.38 -0.79 0.00	24.83 -0.62 0.00	112.37 -4.08 0.00	51.75 -2.99 0.00	22.78 -0.99 0.00	17.21 -0.66 0.00	19.68 -0.69 0.00	18.94 -0.51 0.00	20.77 -0.76 0.00	17.83 -1.03 0.00	23.25 -1.63 0.00	38.95 -3.42 0.00	41.80 -3.92 0.00	45.90 -4.93 0.00	52.23 -6.27 0.00	35.35 -4.15 0.00	30.69 -3.65 0.00	30.99 -3.73 0.00	27.32 -3.16 0.00	24.84 -2.64 0.00
NINE_MILE_1 23575	24.62 -0.86 0.00	24.63 -0.84 0.00	23.64 -0.80 0.00	24.71 -0.88 0.00	24.33 -0.83 0.00	24.64 -0.81 0.00	112.73 -3.72 0.00	52.93 -1.81 0.00	23.01 -0.77 0.00	17.28 -0.58 0.00	19.71 -0.66 0.00	18.84 -0.61 0.00	20.80 -0.73 0.00	18.21 -0.66 0.00	23.99 -0.89 0.00	40.93 -1.44 0.00	44.21 -1.51 0.00	49.18 -1.65 0.00	56.50 -2.01 0.00	38.15 -1.35 0.00	33.15 -1.19 0.00	33.51 -1.21 0.00	29.40 -1.09 0.00	26.49 -0.99 0.00
NINE_MILE_2 23744	24.63 -0.85 0.00	24.63 -0.84 0.00	23.64 -0.80 0.00	24.71 -0.88 0.00	24.33 -0.83 0.00	24.64 -0.81 0.00	112.73 -3.72 0.00	52.93 -1.81 0.00	23.01 -0.77 0.00	17.28 -0.58 0.00	19.72 -0.66 0.00	18.84 -0.61 0.00	20.80 -0.73 0.00	18.22 -0.65 0.00	23.99 -0.89 0.00	40.94 -1.44 0.00	44.22 -1.51 0.00	49.18 -1.65 0.00	56.50 -2.00 0.00	38.15 -1.35 0.00	33.15 -1.19 0.00	33.51 -1.21 0.00	29.40 -1.09 0.00	26.49 -0.98 0.00
NM_CAPITAL__DRP 24208	25.70 0.22 0.00	25.71 0.25 0.00	24.70 0.26 0.00	25.90 0.31 0.00	25.44 0.27 0.00	25.64 0.20 0.00	117.47 1.01 0.00	55.46 0.72 0.00	24.08 0.30 0.00	18.01 0.15 0.00	20.67 0.30 0.00	19.69 0.24 0.00	21.84 0.31 0.00	19.19 0.32 0.00	25.31 0.43 0.00	43.13 0.76 0.00	46.39 0.66 0.00	51.97 1.14 0.00	59.69 1.18 0.00	40.33 0.83 0.00	35.07 0.73 0.00	35.47 0.75 0.00	31.17 0.68 0.00	28.07 0.59 0.00



NM_CENTRAL___DRP 24181	25.08 -0.40 0.00	25.08 -0.39 0.00	24.07 -0.37 0.00	25.16 -0.42 0.00	24.78 -0.38 0.00	25.09 -0.35 0.00	114.90 -1.56 0.00	53.92 -0.82 0.00	23.44 -0.33 0.00	17.57 -0.29 0.00	20.05 -0.32 0.00	19.16 -0.29 0.00	21.15 -0.38 0.00	18.51 -0.37 0.00	24.41 -0.47 0.00	41.72 -0.66 0.00	45.10 -0.62 0.00	50.20 -0.63 0.00	57.63 -0.88 0.00	38.89 -0.60 0.00	33.82 -0.52 0.00	34.17 -0.55 0.00	29.95 -0.53 0.00	26.97 -0.51 0.00
NM_FRONTIER___DRP 24179	24.44 -1.04 0.00	24.66 -0.81 0.00	23.54 -0.90 0.00	24.35 -1.23 0.00	24.15 -1.02 0.00	24.63 -0.81 0.00	111.39 -5.06 0.01	51.16 -3.59 0.00	22.56 -1.22 0.00	17.03 -0.83 0.00	19.45 -0.92 0.00	18.73 -0.72 0.00	20.52 -1.00 0.01	17.60 -1.27 0.00	22.94 -1.93 0.01	38.43 -3.93 0.02	41.28 -4.42 0.02	45.24 -5.56 0.02	51.45 -7.03 0.02	34.86 -4.63 0.00	30.29 -4.05 0.00	30.55 -4.15 0.01	26.94 -3.53 0.02	24.50 -2.97 0.01
NM_ST_REGIS___HYD 24053	27.35 1.87 0.00	27.35 1.88 0.00	26.24 1.79 0.00	27.45 1.87 0.00	27.13 1.97 0.00	27.55 2.10 0.00	125.91 9.46 0.00	59.77 5.03 0.00	25.30 1.52 0.00	18.63 0.77 0.00	21.17 0.80 0.00	20.29 0.83 0.00	22.45 0.92 0.00	19.62 0.75 0.00	25.84 0.96 0.00	44.41 2.04 0.00	49.49 3.77 0.00	55.48 4.65 0.00	63.78 5.28 0.00	42.92 3.42 0.00	37.26 2.92 0.00	37.41 2.69 0.00	32.37 1.89 0.00	28.91 1.44 0.00
NORTHPORT___1 23551	26.43 0.96 0.00	26.27 0.80 0.00	25.29 0.85 0.00	26.45 0.86 0.00	25.71 0.54 0.00	25.76 0.32 0.00	117.82 1.36 0.00	55.32 0.58 0.00	23.75 0.87 0.90	17.82 0.81 0.85	20.41 0.84 0.80	19.17 0.86 1.14	21.62 1.15 1.05	18.79 0.94 1.02	43.92 1.61 -17.43	45.12 2.09 -0.65	47.47 1.74 0.00	52.14 1.32 0.00	60.00 1.50 0.00	40.91 1.41 0.00	36.07 1.73 0.00	36.39 1.67 0.00	41.17 2.14 -8.54	38.68 2.01 -9.20
NORTHPORT___2 23552	26.43 0.96 0.00	26.27 0.80 0.00	25.29 0.85 0.00	26.45 0.86 0.00	25.71 0.54 0.00	25.76 0.32 0.00	117.82 1.36 0.00	55.32 0.58 0.00	23.75 0.87 0.90	17.82 0.81 0.85	20.41 0.84 0.80	19.17 0.86 1.14	21.62 1.15 1.05	18.79 0.94 1.02	43.92 1.61 -17.43	45.12 2.09 -0.65	47.47 1.74 0.00	52.14 1.32 0.00	60.00 1.50 0.00	40.91 1.41 0.00	36.07 1.73 0.00	36.39 1.67 0.00	41.17 2.14 -8.54	38.68 2.01 -9.20
NORTHPORT___3 23553	26.43 0.95 0.00	26.26 0.80 0.00	25.29 0.84 0.00	26.46 0.87 0.00	25.76 0.59 0.00	25.85 0.41 0.00	118.40 1.94 0.00	55.59 0.85 0.00	23.76 0.88 0.90	17.81 0.80 0.85	20.44 0.87 0.80	19.17 0.86 1.14	21.59 1.12 1.05	18.77 0.93 1.02	43.89 1.58 -17.43	45.22 2.19 -0.65	47.64 1.92 0.00	52.46 1.63 0.00	60.25 1.74 0.00	41.03 1.53 0.00	36.13 1.78 0.00	36.46 1.73 0.00	41.12 2.10 -8.54	38.63 1.95 -9.20
NORTHPORT___4 23650	26.43 0.95 0.00	26.26 0.80 0.00	25.29 0.84 0.00	26.46 0.87 0.00	25.76 0.59 0.00	25.85 0.41 0.00	118.40 1.94 0.00	55.59 0.85 0.00	23.76 0.88 0.90	17.81 0.80 0.85	20.44 0.87 0.80	19.17 0.86 1.14	21.59 1.12 1.05	18.77 0.93 1.02	43.89 1.58 -17.43	45.22 2.19 -0.65	47.64 1.92 0.00	52.46 1.63 0.00	60.25 1.74 0.00	41.03 1.53 0.00	36.13 1.78 0.00	36.46 1.73 0.00	41.12 2.10 -8.54	38.63 1.95 -9.20
NORTHPORT___IC 23718	26.43 0.96 0.00	26.27 0.80 0.00	25.30 0.85 0.00	26.45 0.86 0.00	25.71 0.55 0.00	25.76 0.31 0.00	117.81 1.35 0.00	55.31 0.57 0.00	23.75 0.87 0.90	17.82 0.81 0.85	20.41 0.84 0.80	19.17 0.86 1.14	21.62 1.15 1.05	18.79 0.94 1.02	43.92 1.61 -17.43	45.12 2.09 -0.65	47.47 1.74 0.00	52.14 1.32 0.00	60.00 1.50 0.00	40.91 1.41 0.00	36.06 1.71 0.00	36.39 1.67 0.00	41.17 2.14 -8.54	38.68 2.01 -9.20
NORTH___COUNTRY_ESR 323785	26.02 0.54 0.00	26.14 0.67 0.00	25.08 0.64 0.00	26.19 0.60 0.00	25.81 0.64 0.00	26.06 0.61 0.00	117.88 1.42 0.00	55.96 1.21 0.00	24.12 0.35 0.00	18.24 0.38 0.00	20.74 0.36 0.00	19.87 0.42 0.00	21.99 0.47 0.00	19.29 0.42 0.00	25.49 0.61 0.00	43.24 0.86 0.00	46.64 0.92 0.00	51.57 0.74 0.00	59.23 0.73 0.00	39.81 0.31 0.00	34.71 0.36 0.00	34.92 0.20 0.00	30.57 0.08 0.00	27.76 0.28 0.00
NPX_GEN_1385_PROXY 323591	26.53 1.05 0.00	26.36 0.90 0.00	25.47 1.03 0.00	26.54 0.95 0.00	25.71 0.55 0.00	25.80 0.36 0.00	118.29 1.83 0.00	55.52 0.78 0.00	23.75 0.87 0.90	17.82 0.81 0.85	20.24 0.66 0.80	19.14 0.83 1.14	21.76 1.29 1.05	18.85 1.00 1.02	43.90 1.59 -17.43	45.65 2.63 -0.65	47.72 2.00 0.00	52.11 1.29 0.00	60.25 1.74 0.00	41.09 1.60 0.00	61.99 2.21 -25.44	36.66 1.94 0.00	41.41 2.38 -8.54	38.94 2.26 -9.20
NPX_GEN_CSC 323557	25.85 0.37 0.00	25.65 0.18 0.00	24.77 0.32 0.00	26.00 0.41 0.00	25.14 -0.03 0.00	25.26 -0.18 0.00	116.51 0.05 0.00	54.97 0.23 0.00	23.66 0.78 0.90	17.64 0.63 0.85	19.88 0.31 0.80	-1.04 0.42 20.91	-8.06 0.63 30.21	0.80 0.57 18.64	43.94 1.63 -17.43	45.48 2.45 -0.65	48.11 2.38 0.00	51.68 0.86 0.00	59.47 0.97 0.00	40.99 1.50 0.00	36.30 1.96 0.00	36.32 1.60 0.00	40.83 1.80 -8.54	38.41 1.73 -9.20
NSINS_S___GLNS_FALLS 23858	26.47 1.00 0.00	26.52 1.06 0.00	25.51 1.07 0.00	26.73 1.15 0.00	26.33 1.16 0.00	26.63 1.18 0.00	122.39 5.93 0.00	57.74 2.99 0.00	24.83 1.05 0.00	18.42 0.56 0.00	21.00 0.62 0.00	19.93 0.48 0.00	22.11 0.59 0.00	19.50 0.63 0.00	25.82 0.94 0.00	44.12 1.75 0.00	47.73 2.01 0.00	53.65 2.82 0.00	61.78 3.28 0.00	41.74 2.24 0.00	36.13 1.79 0.00	36.49 1.77 0.00	32.24 1.76 0.00	29.00 1.52 0.00
NUCOR_STEEL___DRP 24197	25.53 0.05 0.00	25.51 0.04 0.00	24.48 0.03 0.00	25.58 -0.01 0.00	25.21 0.04 0.00	25.53 0.09 0.00	117.31 0.85 0.00	54.98 0.23 0.00	23.85 0.06 0.00	17.83 -0.03 0.00	20.33 -0.04 0.00	19.43 -0.02 0.00	21.44 -0.09 0.00	18.74 -0.13 0.00	24.70 -0.18 0.00	42.25 -0.13 0.00	45.80 0.08 0.00	51.00 0.18 0.00	58.54 0.04 0.00	39.45 -0.04 0.00	34.26 -0.09 0.00	34.60 -0.12 0.00	30.31 -0.18 0.00	27.29 -0.18 0.00
NUMBER_THREE_WT_PWR 323818	26.54 1.07 0.00	26.44 0.97 0.00	25.39 0.95 0.00	26.65 1.06 0.00	26.34 1.17 0.00	26.74 1.30 0.00	122.80 6.34 0.00	57.97 3.23 0.00	24.89 1.11 0.00	18.36 0.50 0.00	20.89 0.51 0.00	19.98 0.53 0.00	22.13 0.60 0.00	19.33 0.46 0.00	25.39 0.51 0.00	43.71 1.33 0.00	48.46 2.73 0.00	54.33 3.51 0.00	62.44 3.93 0.00	42.14 2.65 0.00	36.55 2.20 0.00	36.80 2.08 0.00	31.70 1.21 0.00	27.90 0.42 0.00
NYISO_LBMP_REFERENCE 24008	25.48 0.00 0.00	25.47 0.00 0.00	24.45 0.00 0.00	25.59 0.00 0.00	25.17 0.00 0.00	25.45 0.00 0.00	116.46 0.00 0.00	54.74 0.00 0.00	23.78 0.00 0.00	17.86 0.00 0.00	20.37 0.00 0.00	19.45 0.00 0.00	21.53 0.00 0.00	18.87 0.00 0.00	24.88 0.00 0.00	42.38 0.00 0.00	45.72 0.00 0.00	50.83 0.00 0.00	58.50 0.00 0.00	39.49 0.00 0.00	34.34 0.00 0.00	34.72 0.00 0.00	30.48 0.00 0.00	27.48 0.00 0.00



NYPA_BRENTWD____GT 24164	26.66 1.18 0.00	26.47 1.00 0.00	25.48 1.04 0.00	26.66 1.07 0.00	25.92 0.76 0.00	26.03 0.59 0.00	119.26 2.80 0.00	55.92 1.18 0.00	24.04 1.16 0.90	18.00 0.98 0.85	20.58 1.01 0.80	19.32 1.01 1.14	21.77 1.30 1.05	18.93 1.08 1.02	44.15 1.84 -17.43	45.65 2.62 -0.65	48.13 2.40 0.00	52.76 1.93 0.00	60.83 2.33 0.00	41.51 2.02 0.00	36.57 2.23 0.00	36.85 2.13 0.00	41.49 2.46 -8.54	38.95 2.28 -9.20
NYPA_GOWANUS____GT5 24156	26.73 1.25 0.00	26.60 1.14 0.00	25.58 1.14 0.00	26.76 1.17 0.00	26.26 1.09 0.00	26.55 1.11 0.00	121.87 5.41 0.00	57.26 2.52 0.00	42.24 1.20 -17.26	35.01 0.91 -16.24	36.67 1.00 -15.30	42.31 0.93 -21.92	42.94 1.14 -20.27	39.45 0.95 -19.63	35.26 1.27 -9.11	45.09 2.12 -0.59	48.04 2.32 0.00	53.77 2.94 0.00	61.46 2.96 0.00	41.54 2.04 0.00	36.28 1.94 0.00	36.75 2.03 0.00	32.37 1.88 0.00	29.14 1.66 0.00
NYPA_GOWANUS____GT6 24157	26.73 1.25 0.00	26.60 1.14 0.00	25.58 1.14 0.00	26.76 1.17 0.00	26.26 1.09 0.00	26.55 1.11 0.00	121.87 5.41 0.00	57.26 2.52 0.00	42.24 1.20 -17.26	35.01 0.91 -16.24	36.67 1.00 -15.30	42.31 0.93 -21.92	42.94 1.14 -20.27	39.45 0.95 -19.63	35.26 1.27 -9.11	45.09 2.12 -0.59	48.04 2.32 0.00	53.77 2.94 0.00	61.46 2.96 0.00	41.54 2.04 0.00	36.28 1.94 0.00	36.75 2.03 0.00	32.37 1.88 0.00	29.14 1.66 0.00
NYPA_HARLEM_RVR_GT1 24160	26.57 1.09 0.00	26.42 0.96 0.00	25.40 0.96 0.00	26.58 1.00 0.00	26.09 0.92 0.00	26.38 0.93 0.00	121.08 4.62 0.00	57.04 2.30 0.00	39.97 0.96 -15.24	33.56 0.72 -14.98	34.17 0.79 -13.00	38.76 0.68 -18.63	39.62 0.88 -17.22	36.78 0.72 -17.19	34.01 0.94 -8.19	44.70 1.74 -0.58	47.73 2.00 0.00	53.36 2.54 0.00	61.05 2.54 0.00	41.21 1.72 0.00	35.97 1.62 0.00	36.40 1.68 0.00	32.10 1.62 0.00	28.90 1.43 0.00
NYPA_HARLEM_RVR_GT2 24161	26.57 1.09 0.00	26.42 0.96 0.00	25.40 0.96 0.00	26.58 1.00 0.00	26.09 0.92 0.00	26.38 0.93 0.00	121.08 4.62 0.00	57.04 2.30 0.00	39.97 0.96 -15.24	33.56 0.72 -14.98	34.17 0.79 -13.00	38.76 0.68 -18.63	39.62 0.88 -17.22	36.78 0.72 -17.19	34.01 0.94 -8.19	44.70 1.74 -0.58	47.73 2.00 0.00	53.36 2.54 0.00	61.05 2.54 0.00	41.21 1.72 0.00	35.97 1.62 0.00	36.40 1.68 0.00	32.10 1.62 0.00	28.90 1.43 0.00
NYPA_KENT____GT 24152	26.72 1.24 0.00	26.59 1.12 0.00	25.57 1.12 0.00	26.74 1.16 0.00	26.24 1.08 0.00	26.54 1.10 0.00	121.80 5.35 0.00	57.25 2.51 0.00	42.25 1.21 -17.26	35.04 0.93 -16.24	36.71 1.04 -15.30	42.33 0.95 -21.92	42.97 1.17 -20.27	39.48 0.97 -19.63	35.79 1.30 -9.62	45.11 2.15 -0.59	48.05 2.32 0.00	53.72 2.90 0.00	61.44 2.94 0.00	41.50 2.00 0.00	36.25 1.90 0.00	36.70 1.98 0.00	32.33 1.84 0.00	29.11 1.64 0.00
NYPA_POUCH1____GT 24155	26.76 1.28 0.00	26.66 1.19 0.00	25.63 1.19 0.00	26.82 1.24 0.00	26.31 1.15 0.00	26.61 1.17 0.00	122.01 5.56 0.00	57.22 2.48 0.00	42.24 1.20 -17.26	34.98 0.88 -16.24	36.60 0.92 -15.30	42.25 0.88 -21.92	42.89 1.09 -20.27	39.42 0.92 -19.63	35.76 1.26 -9.62	45.06 2.10 -0.59	47.97 2.24 0.00	53.70 2.88 0.00	61.40 2.90 0.00	41.52 2.02 0.00	36.31 1.97 0.00	36.81 2.09 0.00	32.42 1.93 0.00	29.20 1.72 0.00
NYPA_VERNON____GT2 24162	26.68 1.21 0.00	26.55 1.08 0.00	25.54 1.09 0.00	26.70 1.12 0.00	26.21 1.04 0.00	26.50 1.05 0.00	121.61 5.16 0.00	57.21 2.47 0.00	42.24 1.20 -17.26	35.04 0.94 -15.30	36.74 1.07 -13.00	42.35 0.97 -21.92	42.98 1.19 -20.27	39.48 0.98 -19.63	35.80 1.31 -9.62	45.10 2.14 -0.59	48.07 2.34 0.00	53.70 2.88 0.00	61.43 2.92 0.00	41.47 1.97 0.00	36.19 1.84 0.00	36.63 1.91 0.00	32.27 1.78 0.00	29.07 1.60 0.00
NYPA_VERNON____GT3 24163	26.68 1.21 0.00	26.55 1.08 0.00	25.54 1.09 0.00	26.70 1.12 0.00	26.21 1.04 0.00	26.50 1.05 0.00	121.61 5.16 0.00	57.21 2.47 0.00	42.24 1.20 -17.26	35.04 0.94 -15.30	36.74 1.07 -13.00	42.35 0.97 -21.92	42.98 1.19 -20.27	39.48 0.98 -19.63	35.80 1.31 -9.62	45.10 2.14 -0.59	48.07 2.34 0.00	53.70 2.88 0.00	61.43 2.92 0.00	41.47 1.97 0.00	36.19 1.84 0.00	36.63 1.91 0.00	32.27 1.78 0.00	29.07 1.60 0.00
NYPA____ASTORIA_CC1 323568	26.64 1.16 0.00	26.50 1.03 0.00	25.49 1.04 0.00	26.65 1.07 0.00	26.17 1.00 0.00	26.45 1.01 0.00	121.39 4.93 0.00	57.11 2.37 0.00	42.18 1.14 -17.26	34.99 0.89 -16.24	36.68 1.01 -15.30	42.28 0.91 -21.92	42.91 1.12 -20.27	39.43 0.92 -19.63	35.72 1.22 -9.62	45.00 2.03 -0.59	47.96 2.24 0.00	53.60 2.77 0.00	61.32 2.81 0.00	41.39 1.90 0.00	36.11 1.76 0.00	36.55 1.83 0.00	32.19 1.71 0.00	29.01 1.53 0.00
NYPA____ASTORIA_CC2 323569	26.64 1.16 0.00	26.50 1.03 0.00	25.49 1.04 0.00	26.65 1.07 0.00	26.17 1.00 0.00	26.45 1.01 0.00	121.39 4.93 0.00	57.11 2.37 0.00	42.18 1.14 -17.26	34.99 0.89 -16.24	36.68 1.01 -15.30	42.28 0.91 -21.92	42.91 1.12 -20.27	39.43 0.92 -19.63	35.72 1.22 -9.62	45.00 2.03 -0.59	47.96 2.24 0.00	53.60 2.77 0.00	61.32 2.81 0.00	41.39 1.90 0.00	36.11 1.76 0.00	36.55 1.83 0.00	32.19 1.71 0.00	29.01 1.53 0.00
NYPA____HOLTSVILL 23794	26.33 0.85 0.00	26.14 0.67 0.00	25.18 0.73 0.00	26.35 0.77 0.00	25.61 0.45 0.00	25.70 0.26 0.00	117.92 1.47 0.00	55.49 0.75 0.00	23.80 0.92 0.90	17.80 0.79 0.85	20.31 0.73 0.80	19.07 0.76 1.14	21.50 1.03 1.05	18.70 0.85 1.02	43.93 1.62 -17.43	45.31 2.29 -0.65	47.81 2.09 0.00	52.29 1.47 0.00	60.15 1.65 0.00	41.12 1.63 0.00	36.27 1.92 0.00	36.49 1.77 0.00	41.19 2.16 -8.54	38.69 2.02 -9.20
NYPA____HELLGATE_GT1 24158	26.57 1.09 0.00	26.42 0.96 0.00	25.40 0.96 0.00	26.58 1.00 0.00	26.09 0.92 0.00	26.38 0.93 0.00	121.03 4.57 0.00	56.94 2.20 0.00	39.95 0.93 -15.23	33.56 0.72 -14.98	34.17 0.79 -13.00	38.76 0.68 -18.63	39.62 0.88 -17.22	36.78 0.72 -17.19	34.01 0.94 -8.19	44.70 1.74 -0.58	47.71 1.99 0.00	53.32 2.49 0.00	60.99 2.48 0.00	41.18 1.69 0.00	35.96 1.61 0.00	36.40 1.68 0.00	32.10 1.62 0.00	28.90 1.43 0.00
NYPA____HELLGATE_GT2 24159	26.57 1.09 0.00	26.42 0.96 0.00	25.40 0.96 0.00	26.58 1.00 0.00	26.09 0.92 0.00	26.38 0.93 0.00	121.03 4.57 0.00	56.94 2.20 0.00	39.95 0.93 -15.23	33.56 0.72 -14.98	34.17 0.79 -13.00	38.76 0.68 -18.63	39.62 0.88 -17.22	36.78 0.72 -17.19	34.01 0.94 -8.19	44.70 1.74 -0.58	47.71 1.99 0.00	53.32 2.49 0.00	60.99 2.48 0.00	41.18 1.69 0.00	35.96 1.61 0.00	36.40 1.68 0.00	32.10 1.62 0.00	28.90 1.43 0.00
NYS_BARGE____HYD 23848	24.94 -0.53 0.00	25.15 -0.32 0.00	24.01 -0.44 0.00	24.85 -0.74 0.00	24.62 -0.54 0.00	25.10 -0.34 0.00	113.66 -2.80 0.00	52.41 -2.34 0.00	23.07 -0.71 0.00	17.38 -0.48 0.00	19.85 -0.53 0.00	19.10 -0.35 0.00	20.94 -0.58 0.00	17.98 -0.90 0.00	23.45 -1.43 0.00	39.30 -3.08 0.00	42.33 -3.40 0.00	46.46 -4.37 0.00	52.83 -5.67 0.00	35.74 -3.75 0.00	31.04 -3.31 0.00	31.32 -3.40 0.00	27.59 -2.89 0.00	25.06 -2.42 0.00



OAK ORCHARD___HYD 24046	25.05 -0.43 0.00	25.15 -0.31 0.00	24.07 -0.38 0.00	25.02 -0.57 0.00	24.74 -0.42 0.00	25.18 -0.27 0.00	114.80 -1.66 0.00	53.49 -1.26 0.00	23.34 -0.44 0.00	17.53 -0.33 0.00	20.02 -0.35 0.00	19.20 -0.25 0.00	21.12 -0.41 0.00	18.28 -0.59 0.00	23.95 -0.93 0.00	40.62 -1.75 0.00	43.90 -1.82 0.00	48.62 -2.21 0.00	55.52 -2.98 0.00	37.51 -1.98 0.00	32.55 -1.79 0.00	32.85 -1.87 0.00	28.85 -1.64 0.00	26.09 -1.39 0.00
OAKDALE___35_KV_LOAD 356122	26.14 0.67 0.00	26.01 0.55 0.00	24.98 0.54 0.00	26.11 0.53 0.00	25.68 0.51 0.00	25.91 0.46 0.00	119.90 3.45 0.00	55.78 1.04 0.00	24.24 0.46 0.00	18.28 0.42 0.00	20.85 0.47 0.00	19.99 0.54 0.00	22.05 0.52 0.00	19.23 0.36 0.00	25.09 0.21 0.00	42.45 0.07 0.00	45.76 0.04 0.00	50.92 0.09 0.00	58.45 -0.05 0.00	39.33 -0.16 0.00	34.11 -0.23 0.00	34.51 -0.21 0.00	30.24 -0.25 0.00	27.27 -0.21 0.00
OCC_CHEM___DRP 24175	24.56 -0.92 0.00	24.77 -0.69 0.00	23.66 -0.79 0.00	24.47 -1.11 0.00	24.27 -0.90 0.00	24.73 -0.72 0.00	111.83 -4.62 0.00	51.41 -3.34 0.00	22.68 -1.10 0.00	17.12 -0.74 0.00	19.54 -0.83 0.00	18.82 -0.63 0.00	20.62 -0.90 0.00	17.69 -1.19 0.00	23.06 -1.82 0.00	38.63 -3.75 0.00	41.51 -4.22 0.00	45.49 -5.33 0.00	51.75 -6.75 0.00	35.04 -4.46 0.00	30.45 -3.89 0.00	30.72 -4.00 0.00	27.10 -3.39 0.00	24.63 -2.84 0.00
OH_GEN_PROXY 24063	24.72 -0.76 0.00	24.91 -0.55 0.00	23.80 -0.65 0.00	24.63 -0.95 0.00	24.41 -0.76 0.00	24.84 -0.60 0.00	112.62 -3.83 0.00	51.94 -2.81 0.00	22.84 -0.94 0.00	17.25 -0.61 0.00	19.74 -0.64 0.00	19.01 -0.44 0.00	20.84 -0.69 0.00	17.90 -0.97 0.00	23.33 -1.55 0.00	39.13 -3.25 0.00	41.98 -3.74 0.00	46.11 -4.71 0.00	52.51 -6.00 0.00	35.51 -3.98 0.00	30.84 -3.51 0.00	31.13 -3.59 0.00	27.44 -3.04 0.00	24.95 -2.53 0.00
OLIN_CORP_DRP 24177	24.55 -0.92 0.00	24.77 -0.69 0.00	23.66 -0.79 0.00	24.47 -1.11 0.00	24.27 -0.90 0.00	24.73 -0.72 0.00	111.83 -4.62 0.00	51.41 -3.34 0.00	22.68 -1.10 0.00	17.12 -0.74 0.00	19.54 -0.83 0.00	18.82 -0.63 0.00	20.62 -0.90 0.00	17.69 -1.19 0.00	23.06 -1.82 0.00	38.63 -3.75 0.00	41.51 -4.22 0.00	45.49 -5.33 0.00	51.75 -6.75 0.00	35.04 -4.46 0.00	30.45 -3.89 0.00	30.72 -4.00 0.00	27.10 -3.39 0.00	24.63 -2.85 0.00
OLIN_CORP_DSASP 323712	24.56 -0.92 0.00	24.77 -0.69 0.00	23.66 -0.79 0.00	24.47 -1.11 0.00	24.26 -0.90 0.00	24.74 -0.71 0.00	111.82 -4.63 0.00	51.42 -3.32 0.00	22.69 -1.10 0.00	17.12 -0.74 0.00	19.56 -0.82 0.00	18.83 -0.62 0.00	20.63 -0.90 0.00	17.70 -1.17 0.00	23.07 -1.81 0.00	38.63 -3.75 0.00	41.51 -4.22 0.00	45.50 -5.33 0.00	51.75 -6.76 0.00	35.03 -4.46 0.00	30.44 -3.91 0.00	30.72 -4.00 0.00	27.10 -3.38 0.00	24.64 -2.84 0.00
ONEIDA_HERK_LFGE 323681	26.31 0.83 0.00	26.25 0.78 0.00	25.21 0.77 0.00	26.42 0.84 0.00	26.07 0.90 0.00	26.44 0.99 0.00	121.44 4.99 0.00	57.49 2.75 0.00	24.88 1.10 0.00	18.44 0.58 0.00	20.97 0.60 0.00	20.05 0.60 0.00	22.16 0.63 0.00	19.39 0.52 0.00	25.42 0.54 0.00	43.54 1.16 0.00	47.65 1.93 0.00	53.25 2.42 0.00	61.21 2.71 0.00	41.32 1.82 0.00	35.86 1.52 0.00	36.15 1.43 0.00	31.47 0.98 0.00	28.05 0.57 0.00
ONEIDA___115KV_TB4 55905	26.23 0.76 0.00	26.19 0.73 0.00	25.18 0.74 0.00	26.38 0.79 0.00	26.03 0.86 0.00	26.37 0.93 0.00	121.32 4.86 0.00	56.99 2.25 0.00	24.62 0.84 0.00	18.31 0.45 0.00	20.82 0.45 0.00	19.90 0.44 0.00	21.97 0.45 0.00	19.24 0.37 0.00	25.31 0.43 0.00	43.34 0.96 0.00	47.24 1.52 0.00	52.73 1.90 0.00	60.60 2.09 0.00	40.87 1.38 0.00	35.48 1.13 0.00	35.81 1.09 0.00	31.31 0.82 0.00	28.09 0.61 0.00
ONONDAGA_REF_OCCRA 23987	25.34 -0.14 0.00	25.31 -0.15 0.00	24.31 -0.14 0.00	25.40 -0.19 0.00	25.02 -0.15 0.00	25.33 -0.11 0.00	116.19 -0.26 0.00	54.49 -0.25 0.00	23.67 -0.11 0.00	17.73 -0.13 0.00	20.22 -0.15 0.00	19.33 -0.12 0.00	21.35 -0.18 0.00	18.67 -0.20 0.00	24.59 -0.29 0.00	42.01 -0.37 0.00	45.45 -0.27 0.00	50.62 -0.21 0.00	58.12 -0.38 0.00	39.22 -0.28 0.00	34.08 -0.26 0.00	34.43 -0.29 0.00	30.17 -0.31 0.00	27.17 -0.31 0.00
ONONDAGA___COGEN 23986	25.22 -0.26 0.00	25.21 -0.25 0.00	24.20 -0.24 0.00	25.29 -0.29 0.00	24.91 -0.25 0.00	25.25 -0.20 0.00	115.70 -0.75 0.00	54.27 -0.47 0.00	23.57 -0.21 0.00	17.67 -0.19 0.00	20.15 -0.22 0.00	19.27 -0.18 0.00	21.27 -0.26 0.00	18.61 -0.26 0.00	24.55 -0.33 0.00	41.99 -0.39 0.00	45.41 -0.31 0.00	50.55 -0.28 0.00	58.04 -0.46 0.00	39.16 -0.33 0.00	34.02 -0.33 0.00	34.38 -0.34 0.00	30.13 -0.36 0.00	27.13 -0.35 0.00
ONTARIO___LFGE 23819	25.84 0.37 0.00	25.80 0.34 0.00	24.76 0.31 0.00	25.82 0.23 0.00	25.45 0.28 0.00	25.80 0.35 0.00	118.70 2.24 0.00	55.46 0.72 0.00	24.13 0.35 0.00	17.98 0.12 0.00	20.46 0.09 0.00	19.60 0.15 0.00	21.57 0.05 0.00	18.77 -0.10 0.00	24.62 -0.26 0.00	41.95 -0.43 0.00	45.66 -0.06 0.00	50.75 -0.08 0.00	58.06 -0.44 0.00	39.06 -0.44 0.00	33.80 -0.55 0.00	34.24 -0.48 0.00	29.91 -0.58 0.00	26.92 -0.55 0.00
ORANGEVILLE_WT_PWR 323706	25.40 -0.08 0.00	25.49 0.03 0.00	24.39 -0.05 0.00	25.30 -0.29 0.00	24.87 -0.29 0.00	25.22 -0.22 0.00	115.32 -1.13 0.00	53.47 -1.27 0.00	23.39 -0.39 0.00	17.53 -0.33 0.00	20.09 -0.29 0.00	19.36 -0.08 0.00	21.28 -0.25 0.00	18.32 -0.55 0.00	23.86 -1.02 0.00	40.23 -2.15 0.00	43.30 -2.42 0.00	47.28 -3.55 0.00	53.69 -4.82 0.00	36.07 -3.43 0.00	31.23 -3.12 0.00	31.65 -3.07 0.00	27.71 -2.77 0.00	25.08 -2.39 0.00
ORANGEVILLE___ESR 323794	25.40 -0.08 0.00	25.49 0.03 0.00	24.39 -0.05 0.00	25.30 -0.29 0.00	24.87 -0.29 0.00	25.22 -0.22 0.00	115.32 -1.13 0.00	53.47 -1.27 0.00	23.39 -0.39 0.00	17.53 -0.33 0.00	20.09 -0.29 0.00	19.36 -0.08 0.00	21.28 -0.25 0.00	18.32 -0.55 0.00	23.86 -1.02 0.00	40.23 -2.15 0.00	43.30 -2.42 0.00	47.28 -3.55 0.00	53.69 -4.82 0.00	36.07 -3.43 0.00	31.23 -3.12 0.00	31.65 -3.07 0.00	27.71 -2.77 0.00	25.08 -2.39 0.00
OSWEGATCHIE___HYD 24044	27.01 1.53 0.00	26.96 1.49 0.00	25.87 1.43 0.00	27.12 1.53 0.00	26.81 1.65 0.00	27.23 1.79 0.00	124.90 8.45 0.00	59.09 4.34 0.00	25.11 1.33 0.00	18.42 0.56 0.00	20.95 0.58 0.00	20.07 0.62 0.00	22.24 0.71 0.00	19.41 0.54 0.00	25.52 0.64 0.00	43.99 1.61 0.00	49.15 3.42 0.00	55.21 4.39 0.00	63.46 4.95 0.00	42.77 3.28 0.00	37.11 2.77 0.00	37.31 2.59 0.00	32.17 1.68 0.00	28.48 1.00 0.00
OSWEGO___5 23606	24.80 -0.68 0.00	24.80 -0.67 0.00	23.80 -0.64 0.00	24.88 -0.70 0.00	24.50 -0.66 0.00	24.81 -0.63 0.00	113.54 -2.92 0.00	53.30 -1.45 0.00	23.17 -0.61 0.00	17.39 -0.47 0.00	19.84 -0.53 0.00	18.96 -0.49 0.00	20.94 -0.59 0.00	18.32 -0.55 0.00	24.15 -0.73 0.00	41.22 -1.16 0.00	44.53 -1.19 0.00	49.55 -1.28 0.00	56.92 -1.59 0.00	38.42 -1.08 0.00	33.39 -0.96 0.00	33.75 -0.97 0.00	29.61 -0.88 0.00	26.68 -0.80 0.00



OSWEGO___6 23613	24.80 -0.68 0.00	24.80 -0.67 0.00	23.80 -0.64 0.00	24.88 -0.70 0.00	24.50 -0.66 0.00	24.81 -0.63 0.00	113.54 -2.92 0.00	53.30 -1.45 0.00	23.17 -0.61 0.00	17.39 -0.47 0.00	19.84 -0.53 0.00	18.96 -0.49 0.00	20.94 -0.59 0.00	18.32 -0.55 0.00	24.15 -0.73 0.00	41.22 -1.16 0.00	44.53 -1.19 0.00	49.55 -1.28 0.00	56.92 -1.59 0.00	38.42 -1.08 0.00	33.39 -0.96 0.00	33.75 -0.97 0.00	29.61 -0.88 0.00	26.68 -0.80 0.00
OUTOKUMPU-AB___DRP 24206	25.23 -0.25 0.00	25.42 -0.04 0.00	24.26 -0.19 0.00	25.11 -0.47 0.00	24.88 -0.29 0.00	25.35 -0.09 0.00	115.00 -1.45 0.00	53.00 -1.74 0.00	23.33 -0.45 0.00	17.59 -0.27 0.00	20.10 -0.27 0.00	19.35 -0.10 0.00	21.20 -0.32 0.00	18.20 -0.67 0.00	23.75 -1.13 0.00	39.84 -2.54 0.00	42.81 -2.91 0.00	46.96 -3.86 0.00	53.38 -5.12 0.00	36.11 -3.38 0.00	31.37 -2.98 0.00	31.62 -3.10 0.00	27.85 -2.64 0.00	25.28 -2.19 0.00
OXBOW___BTM 323836	24.90 -0.58 0.00	25.10 -0.37 0.00	23.96 -0.49 0.00	24.79 -0.79 0.00	24.57 -0.60 0.00	25.07 -0.38 0.00	113.51 -2.94 0.00	52.24 -2.50 0.00	23.01 -0.77 0.00	17.36 -0.50 0.00	19.84 -0.53 0.00	19.10 -0.35 0.00	20.93 -0.60 0.00	17.97 -0.91 0.00	23.42 -1.46 0.00	39.25 -3.13 0.00	42.17 -3.55 0.00	46.26 -4.57 0.00	52.59 -5.91 0.00	35.59 -3.91 0.00	30.90 -3.45 0.00	31.18 -3.54 0.00	27.47 -3.01 0.00	24.96 -2.52 0.00
OXBOW____ 24026	24.89 -0.58 0.00	25.10 -0.37 0.00	23.96 -0.48 0.00	24.79 -0.79 0.00	24.57 -0.60 0.00	25.06 -0.39 0.00	113.52 -2.93 0.00	52.23 -2.51 0.00	23.01 -0.77 0.00	17.36 -0.50 0.00	19.83 -0.54 0.00	19.09 -0.36 0.00	20.92 -0.61 0.00	17.95 -0.92 0.00	23.41 -1.47 0.00	39.26 -3.12 0.00	42.17 -3.55 0.00	46.25 -4.57 0.00	52.59 -5.91 0.00	35.59 -3.91 0.00	30.92 -3.43 0.00	31.18 -3.54 0.00	27.47 -3.01 0.00	24.96 -2.52 0.00
OXY_CHEM_DSASP 323612	24.56 -0.92 0.00	24.77 -0.69 0.00	23.66 -0.79 0.00	24.47 -1.11 0.00	24.27 -0.90 0.00	24.73 -0.72 0.00	111.83 -4.62 0.00	51.41 -3.34 0.00	22.68 -1.10 0.00	17.12 -0.74 0.00	19.54 -0.83 0.00	18.82 -0.63 0.00	20.62 -0.90 0.00	17.69 -1.19 0.00	23.06 -1.82 0.00	38.63 -3.75 0.00	41.51 -4.22 0.00	45.49 -5.33 0.00	51.75 -6.75 0.00	35.04 -4.46 0.00	30.45 -3.89 0.00	30.72 -4.00 0.00	27.10 -3.39 0.00	24.63 -2.84 0.00
OZONE_PARK_ESR 323760	26.89 1.42 0.00	26.74 1.27 0.00	25.73 1.28 0.00	26.89 1.30 0.00	26.39 1.23 0.00	26.69 1.25 0.00	122.70 6.24 0.00	57.76 3.01 0.00	39.93 1.49 0.00	32.84 1.18 0.00	34.69 1.31 0.00	39.30 1.21 0.00	40.20 1.45 0.00	36.75 1.19 0.00	34.64 1.58 0.00	45.51 2.55 0.00	48.50 2.78 0.00	54.21 3.38 0.00	62.03 3.53 0.00	41.87 2.38 0.00	36.50 2.16 0.00	36.96 2.23 0.00	32.54 2.05 0.00	29.31 1.83 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	24.56 -0.92 0.00	24.77 -0.69 0.00	23.66 -0.79 0.00	24.47 -1.11 0.00	24.27 -0.90 0.00	24.73 -0.72 0.00	111.83 -4.62 0.00	51.41 -3.34 0.00	22.68 -1.10 0.00	17.12 -0.74 0.00	19.54 -0.83 0.00	18.82 -0.63 0.00	20.62 -0.90 0.00	17.69 -1.19 0.00	23.06 -1.82 0.00	38.63 -3.75 0.00	41.51 -4.22 0.00	45.49 -5.33 0.00	51.75 -6.75 0.00	35.04 -4.46 0.00	30.45 -3.89 0.00	30.72 -4.00 0.00	27.10 -3.39 0.00	24.63 -2.84 0.00
PACKARD___115KV_DUPONT_184 80571	24.46 -1.02 0.00	24.68 -0.78 0.00	23.57 -0.88 0.00	24.38 -1.21 0.00	24.17 -1.00 0.00	24.66 -0.78 0.00	111.57 -4.88 0.01	51.20 -3.55 0.00	22.59 -1.20 0.00	17.05 -0.81 0.00	19.47 -0.90 0.00	18.75 -0.70 0.00	20.54 -0.98 0.01	17.61 -1.25 0.00	22.96 -1.91 0.01	38.47 -3.89 0.02	41.33 -4.38 0.02	45.28 -5.53 0.02	51.51 -6.98 0.02	34.90 -4.60 0.00	30.32 -4.02 0.00	30.58 -4.13 0.01	26.96 -3.51 0.02	24.51 -2.95 0.01
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	26.57 1.10 0.00	26.44 0.98 0.00	25.42 0.98 0.00	26.60 1.02 0.00	26.11 0.94 0.00	26.40 0.95 0.00	121.15 4.69 0.00	57.08 2.33 0.00	40.05 1.03 0.00	33.65 0.81 0.00	34.29 0.92 0.00	38.90 0.82 0.00	39.77 1.02 0.00	36.90 0.83 0.00	34.20 1.13 0.00	44.81 1.85 0.00	47.81 2.08 0.00	53.45 2.62 0.00	61.19 2.68 0.00	41.27 1.78 0.00	35.99 1.65 0.00	36.43 1.70 0.00	32.10 1.62 0.00	28.90 1.43 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	26.60 1.12 0.00	26.50 1.03 0.00	25.47 1.02 0.00	26.67 1.09 0.00	26.19 1.02 0.00	26.48 1.03 0.00	121.52 5.06 0.00	57.30 2.55 0.00	40.12 1.10 0.00	33.68 0.83 0.00	34.31 0.94 0.00	38.93 0.85 0.00	39.80 1.05 0.00	36.92 0.85 0.00	34.23 1.16 0.00	44.93 1.96 0.00	47.93 2.21 0.00	53.58 2.76 0.00	61.32 2.82 0.00	41.37 1.88 0.00	36.04 1.70 0.00	36.46 1.74 0.00	32.11 1.63 0.00	28.93 1.45 0.00
PATROON___115KV_TB1 80586	25.73 0.25 0.00	25.74 0.27 0.00	24.72 0.28 0.00	25.92 0.33 0.00	25.45 0.28 0.00	25.67 0.23 0.00	117.64 1.18 0.00	55.52 0.78 0.00	24.10 0.32 0.00	18.02 0.17 0.00	20.69 0.32 0.00	19.71 0.26 0.00	21.86 0.33 0.00	19.20 0.33 0.00	25.31 0.43 0.00	43.18 0.80 0.00	46.49 0.76 0.00	52.06 1.23 0.00	59.76 1.26 0.00	40.37 0.87 0.00	35.10 0.75 0.00	35.49 0.76 0.00	31.18 0.70 0.00	28.07 0.59 0.00
PATTRSNVILLE___SOLAR 323815	26.34 0.87 0.00	26.31 0.85 0.00	25.27 0.82 0.00	26.48 0.89 0.00	26.04 0.87 0.00	26.35 0.91 0.00	120.87 4.42 0.00	56.78 2.04 0.00	24.40 0.62 0.00	18.14 0.28 0.00	20.66 0.29 0.00	19.71 0.26 0.00	21.83 0.30 0.00	19.14 0.26 0.00	25.34 0.46 0.00	43.59 1.21 0.00	47.37 1.64 0.00	52.96 2.14 0.00	60.86 2.35 0.00	41.07 1.58 0.00	35.66 1.32 0.00	36.05 1.33 0.00	31.65 1.16 0.00	28.48 1.00 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	26.08 0.60 0.00	26.20 0.74 0.00	25.05 0.60 0.00	25.97 0.38 0.00	25.68 0.52 0.00	26.08 0.63 0.00	118.85 2.39 0.00	54.87 0.13 0.00	24.07 0.29 0.00	18.17 0.31 0.00	20.83 0.45 0.00	20.07 0.62 0.00	22.00 0.47 0.00	18.89 0.02 0.00	24.65 -0.23 0.00	41.43 -0.94 0.00	44.39 -1.33 0.00	48.80 -2.03 0.00	55.55 -2.95 0.00	37.48 -2.02 0.00	32.54 -1.81 0.00	32.84 -1.89 0.00	28.85 -1.63 0.00	26.22 -1.25 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	26.76 1.28 0.00	26.64 1.18 0.00	25.62 1.17 0.00	26.81 1.22 0.00	26.32 1.16 0.00	26.62 1.17 0.00	122.46 6.01 0.00	57.62 2.88 0.00	25.13 1.35 0.00	18.91 1.06 0.00	21.54 1.17 0.00	20.52 1.07 0.00	22.80 1.27 0.00	19.92 1.05 0.00	26.28 1.40 0.00	44.83 2.31 -0.14	48.28 2.56 0.00	54.00 3.18 0.00	61.87 3.37 0.00	41.76 2.27 0.00	36.39 2.05 0.00	36.83 2.11 0.00	32.38 1.90 0.00	29.16 1.69 0.00
PEEKSKILL____ 23653	26.48 1.01 0.00	26.36 0.90 0.00	25.35 0.90 0.00	26.54 0.95 0.00	26.04 0.87 0.00	26.30 0.85 0.00	120.83 4.37 0.00	56.79 2.04 0.00	24.82 1.04 0.00	18.70 0.84 0.00	21.31 0.94 0.00	20.30 0.84 0.00	22.58 1.05 0.00	19.71 0.84 0.00	26.00 1.12 0.00	44.74 1.75 -0.61	47.67 1.95 0.00	53.27 2.44 0.00	60.99 2.49 0.00	41.16 1.66 0.00	35.90 1.55 0.00	36.36 1.64 0.00	32.01 1.53 0.00	28.86 1.38 0.00



PGE MADISON___WINDPWR 24146	27.45 1.97 0.00	27.36 1.89 0.00	26.36 1.92 0.00	27.61 2.03 0.00	27.26 2.09 0.00	27.80 2.36 0.00	129.27 12.82 0.00	60.40 5.65 0.00	25.83 2.05 0.00	19.14 1.28 0.00	21.75 1.38 0.00	20.83 1.38 0.00	22.95 1.43 0.00	20.06 1.19 0.00	26.37 1.49 0.00	45.53 3.15 0.00	49.75 4.03 0.00	55.34 4.52 0.00	63.40 4.90 0.00	42.62 3.13 0.00	36.83 2.49 0.00	36.75 2.03 0.00	31.99 1.50 0.00	28.86 1.38 0.00
PIERCEFIELD___HYD 23852	27.49 2.01 0.00	27.46 2.00 0.00	26.35 1.90 0.00	27.59 2.00 0.00	27.28 2.12 0.00	27.72 2.27 0.00	126.97 10.51 0.00	60.23 5.49 0.00	25.41 1.63 0.00	18.59 0.74 0.00	21.13 0.76 0.00	20.26 0.81 0.00	22.42 0.90 0.00	19.59 0.72 0.00	25.77 0.89 0.00	44.43 2.06 0.00	49.83 4.11 0.00	56.02 5.19 0.00	64.40 5.90 0.00	43.35 3.85 0.00	37.62 3.27 0.00	37.75 3.03 0.00	32.60 2.11 0.00	29.02 1.54 0.00
PINELAWN_CC_1 323563	26.62 1.14 0.00	26.43 0.97 0.00	25.45 1.00 0.00	26.61 1.02 0.00	25.92 0.76 0.00	26.06 0.62 0.00	119.54 3.08 0.00	56.20 1.46 0.00	24.02 1.13 0.90	17.97 0.95 0.85	20.56 0.99 0.80	19.27 0.96 1.14	21.71 1.23 1.05	18.75 0.91 1.02	43.81 1.50 -17.43	45.05 2.03 -0.65	47.48 1.75 0.00	52.32 1.50 0.00	60.15 1.65 0.00	40.97 1.47 0.00	36.16 1.82 0.00	36.54 1.82 0.00	41.39 2.36 -8.54	38.83 2.16 -9.20
PJM_GEN_HTP_PROXY 323702	26.63 1.15 0.00	26.49 1.02 0.00	25.48 1.03 0.00	26.65 1.06 0.00	26.63 0.98 -0.48	26.43 0.98 0.00	121.48 5.02 0.00	57.13 2.38 0.00	33.93 1.22 -8.93	27.24 0.97 -8.41	29.39 1.10 -7.92	31.80 1.00 -11.35	32.69 1.22 -9.94	30.03 1.00 -10.16	31.18 1.32 -4.98	45.03 2.09 -0.55	48.00 2.27 0.00	53.61 2.78 0.00	61.37 2.86 0.00	41.52 1.91 -0.11	36.11 1.77 0.00	36.56 1.84 0.00	32.20 1.71 0.00	29.03 1.55 0.00
PJM_GEN_KEystone 24065	25.88 0.40 0.00	25.80 0.33 0.00	24.76 0.31 0.00	25.84 0.26 0.00	25.89 0.24 -0.48	25.64 0.20 0.00	118.86 1.49 -0.91	54.46 0.11 0.40	25.06 0.25 -1.03	19.13 0.30 -0.97	21.70 0.41 -0.91	21.22 0.46 -1.31	22.69 0.50 -0.66	20.30 0.25 -1.17	25.65 0.19 -0.58	38.38 -0.01 4.00	47.74 -0.11 -2.13	50.72 -0.11 0.00	57.96 -0.54 0.00	39.17 -0.44 -0.11	33.99 -0.36 0.00	34.44 -0.28 0.00	30.32 -0.16 0.00	27.45 -0.03 0.00
PJM_GEN_NEPTUNE_PROXY 323594	26.46 0.98 0.00	26.29 0.82 0.00	25.30 0.85 0.00	26.46 0.88 0.00	26.29 0.64 -0.48	25.95 0.50 0.00	118.92 2.47 0.00	55.87 1.13 0.00	23.83 0.95 0.90	17.85 0.84 0.85	20.48 0.91 0.80	19.19 0.88 1.14	21.06 1.14 1.60	18.79 0.94 1.02	35.26 1.53 -8.85	45.11 2.16 -0.58	47.75 2.03 0.00	52.74 1.92 0.00	60.55 2.05 0.00	41.30 1.69 -0.11	36.19 1.85 0.00	36.54 1.82 0.00	36.99 2.06 -4.45	34.15 1.88 -4.79
PJM_GEN_VFT_PROXY 323633	26.62 1.14 0.00	26.47 1.00 0.00	25.47 1.02 0.00	26.64 1.06 0.00	26.63 0.98 -0.48	26.43 0.98 0.00	121.39 4.93 0.00	57.03 2.28 0.00	39.62 1.18 -14.67	32.61 0.94 -13.80	34.43 1.05 -13.00	39.06 0.97 -18.63	39.39 1.18 -16.67	36.51 0.96 -16.69	34.33 1.28 -8.17	44.95 2.00 -0.58	47.91 2.19 0.00	53.54 2.72 0.00	61.27 2.76 0.00	41.46 1.85 -0.11	36.06 1.71 0.00	36.51 1.79 0.00	32.16 1.68 0.00	29.00 1.52 0.00
PLATSBURG_115KV_PMLD1 355749	26.17 0.69 0.00	26.31 0.85 0.00	25.27 0.83 0.00	26.34 0.76 0.00	26.01 0.84 0.00	26.26 0.82 0.00	118.33 1.88 0.00	56.22 1.48 0.00	24.20 0.42 0.00	18.42 0.56 0.00	20.92 0.55 0.00	20.06 0.61 0.00	22.21 0.68 0.00	19.46 0.59 0.00	25.74 0.86 0.00	43.54 1.16 0.00	46.78 1.06 0.00	51.87 1.05 0.00	59.46 0.95 0.00	40.00 0.51 0.00	34.97 0.62 0.00	35.20 0.48 0.00	30.85 0.37 0.00	27.96 0.48 0.00
PLEASANTVLY___LBMP 24000	26.34 0.86 0.00	26.23 0.76 0.00	25.22 0.77 0.00	26.40 0.82 0.00	25.91 0.75 0.00	26.17 0.72 0.00	120.19 3.73 0.00	56.52 1.77 0.00	24.68 0.90 0.00	18.59 0.73 0.00	21.19 0.82 0.00	20.19 0.74 0.00	22.44 0.91 0.00	19.61 0.74 0.00	25.86 0.97 0.00	44.13 1.55 -0.21	47.40 1.68 0.00	52.95 2.13 0.00	60.67 2.17 0.00	40.97 1.47 0.00	35.71 1.37 0.00	36.17 1.45 0.00	31.83 1.35 0.00	28.69 1.21 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	26.53 1.05 0.00	26.41 0.94 0.00	25.40 0.96 0.00	26.57 0.99 0.00	26.08 0.91 0.00	26.35 0.91 0.00	121.06 4.60 0.00	56.95 2.21 0.00	24.26 1.11 0.64	18.16 0.90 0.60	20.80 1.00 0.56	19.54 0.90 0.81	21.88 1.10 0.75	19.04 0.90 0.72	25.72 1.20 0.35	44.67 1.91 -0.39	47.79 2.06 0.00	53.41 2.58 0.00	61.15 2.64 0.00	41.27 1.78 0.00	35.99 1.64 0.00	36.45 1.72 0.00	32.10 1.61 0.00	28.92 1.44 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	26.53 1.05 0.00	26.41 0.94 0.00	25.40 0.96 0.00	26.57 0.99 0.00	26.08 0.91 0.00	26.35 0.91 0.00	121.06 4.60 0.00	56.95 2.21 0.00	24.26 1.11 0.64	18.16 0.90 0.60	20.80 1.00 0.56	19.54 0.90 0.81	21.88 1.10 0.75	19.04 0.90 0.72	25.72 1.20 0.35	44.67 1.91 -0.39	47.79 2.06 0.00	53.41 2.58 0.00	61.15 2.64 0.00	41.27 1.78 0.00	35.99 1.64 0.00	36.45 1.72 0.00	32.10 1.61 0.00	28.92 1.44 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	26.59 1.11 0.00	26.48 1.01 0.00	25.46 1.01 0.00	26.65 1.07 0.00	26.17 1.00 0.00	26.45 1.01 0.00	121.61 5.15 0.00	57.19 2.45 0.00	24.93 1.15 0.00	18.74 0.88 0.00	21.35 0.98 0.00	20.33 0.88 0.00	22.58 1.06 0.00	19.74 0.87 0.00	26.06 1.18 0.00	44.34 1.97 0.00	47.87 2.15 0.00	53.54 2.71 0.00	61.34 2.84 0.00	41.44 1.95 0.00	36.13 1.79 0.00	36.56 1.84 0.00	32.15 1.67 0.00	28.95 1.47 0.00
POLETTI___ 23519	26.61 1.13 0.00	26.48 1.01 0.00	25.49 1.04 0.00	26.63 1.05 0.00	26.14 0.97 0.00	26.42 0.97 0.00	121.29 4.83 0.00	57.05 2.31 0.00	39.64 1.20 -14.66	32.62 0.97 -13.79	34.44 1.08 -13.00	39.05 0.98 -18.62	39.94 1.20 -17.21	36.52 0.98 -16.68	34.35 1.30 -8.17	45.00 2.04 -0.58	47.93 2.21 0.00	53.56 2.74 0.00	61.31 2.81 0.00	41.37 1.88 0.00	36.07 1.73 0.00	36.53 1.81 0.00	32.18 1.70 0.00	29.03 1.55 0.00
POMONA___ESR 323819	26.50 1.02 0.00	26.37 0.90 0.00	25.36 0.92 0.00	26.55 0.96 0.00	26.04 0.87 0.00	26.29 0.84 0.00	120.83 4.37 0.00	56.81 2.07 0.00	24.81 1.03 0.00	18.70 0.84 0.00	21.29 0.92 0.00	20.27 0.82 0.00	22.59 1.06 0.00	19.72 0.85 0.00	25.99 1.11 0.00	43.20 1.72 0.90	47.65 1.92 0.00	53.25 2.43 0.00	60.96 2.45 0.00	41.14 1.64 0.00	35.87 1.52 0.00	36.35 1.63 0.00	32.01 1.52 0.00	28.86 1.38 0.00
PORT_JEFF_3 23555	26.41 0.94 0.00	26.23 0.76 0.00	25.26 0.82 0.00	26.44 0.86 0.00	25.69 0.53 0.00	25.79 0.35 0.00	118.41 1.96 0.00	55.73 0.99 0.00	23.90 1.02 0.90	17.87 0.86 0.85	20.37 0.80 0.80	19.13 0.82 1.14	21.56 1.09 1.05	18.76 0.92 1.02	44.03 1.72 -17.43	45.51 2.48 -0.65	48.04 2.31 0.00	52.46 1.63 0.00	60.43 1.92 0.00	41.33 1.83 0.00	36.44 2.09 0.00	36.66 1.94 0.00	41.30 2.28 -8.54	38.79 2.11 -9.20



PORT_JEFF_4 23616	26.41 0.94 0.00	26.23 0.76 0.00	25.26 0.82 0.00	26.44 0.86 0.00	25.69 0.53 0.00	25.79 0.35 0.00	118.41 1.96 0.00	55.73 0.99 0.00	23.90 1.02 0.90	17.87 0.86 0.85	20.37 0.80 0.80	19.13 0.82 1.14	21.56 1.09 1.05	18.76 0.92 1.02	44.03 1.72 -17.43	45.51 2.48 -0.65	48.04 2.31 0.00	52.46 1.63 0.00	60.43 1.92 0.00	41.33 1.83 0.00	36.44 2.09 0.00	36.66 1.94 0.00	41.30 2.28 -8.54	38.79 2.11 -9.20
PORT_JEFF_IC 23713	26.41 0.93 0.00	26.22 0.75 0.00	25.26 0.81 0.00	26.44 0.86 0.00	25.69 0.53 0.00	25.79 0.35 0.00	118.41 1.95 0.00	55.75 1.01 0.00	23.91 1.03 0.90	17.88 0.86 0.85	20.36 0.79 0.80	19.12 0.81 1.14	21.55 1.08 1.05	18.76 0.91 1.02	44.04 1.73 -17.43	45.55 2.53 -0.65	48.05 2.33 0.00	52.40 1.58 0.00	60.43 1.93 0.00	41.37 1.87 0.00	36.46 2.12 0.00	36.69 1.96 0.00	41.31 2.28 -8.54	38.79 2.12 -9.20
PPL_PILGRIM_ST_GT1 24216	26.66 1.18 0.00	26.47 1.00 0.00	25.48 1.04 0.00	26.66 1.07 0.00	25.92 0.76 0.00	26.03 0.59 0.00	119.26 2.80 0.00	55.92 1.18 0.00	24.04 1.16 0.90	18.00 0.98 0.85	20.58 1.01 0.80	19.32 1.01 1.14	21.77 1.30 1.05	18.93 1.08 1.02	44.15 1.84 -17.43	45.65 2.62 -0.65	48.13 2.40 0.00	52.76 1.93 0.00	60.83 2.33 0.00	41.51 2.02 0.00	36.57 2.23 0.00	36.85 2.13 0.00	41.49 2.46 -8.54	38.95 2.28 -9.20
PPL_PILGRIM_ST_GT2 24217	26.66 1.18 0.00	26.47 1.00 0.00	25.48 1.04 0.00	26.66 1.07 0.00	25.92 0.76 0.00	26.03 0.59 0.00	119.26 2.80 0.00	55.92 1.18 0.00	24.04 1.16 0.90	18.00 0.98 0.85	20.58 1.01 0.80	19.32 1.01 1.14	21.77 1.30 1.05	18.93 1.08 1.02	44.15 1.84 -17.43	45.65 2.62 -0.65	48.13 2.40 0.00	52.76 1.93 0.00	60.83 2.33 0.00	41.51 2.02 0.00	36.57 2.23 0.00	36.85 2.13 0.00	41.49 2.46 -8.54	38.95 2.28 -9.20
PPL_SHRM_GT3 24213	25.90 0.42 0.00	25.70 0.23 0.00	24.81 0.37 0.00	26.04 0.45 0.00	25.19 0.02 0.00	25.30 -0.14 0.00	116.62 0.16 0.00	55.05 0.30 0.00	23.67 0.79 0.90	17.65 0.63 0.85	19.91 0.34 0.80	7.06 0.44 12.83	3.88 0.65 18.30	8.01 0.58 11.44	43.94 1.63 -17.43	45.47 2.45 -0.65	48.12 2.40 0.00	51.79 0.96 0.00	59.56 1.06 0.00	41.02 1.53 0.00	36.32 1.97 0.00	36.36 1.63 0.00	40.88 1.85 -8.54	38.45 1.78 -9.20
PPL_SHRM_GT4 24214	25.90 0.42 0.00	25.70 0.23 0.00	24.81 0.37 0.00	26.04 0.45 0.00	25.19 0.02 0.00	25.30 -0.14 0.00	116.62 0.16 0.00	55.05 0.30 0.00	23.67 0.79 0.90	17.65 0.63 0.85	19.91 0.34 0.80	7.06 0.44 12.83	3.88 0.65 18.30	8.01 0.58 11.44	43.94 1.63 -17.43	45.47 2.45 -0.65	48.12 2.40 0.00	51.79 0.96 0.00	59.56 1.06 0.00	41.02 1.53 0.00	36.32 1.97 0.00	36.36 1.63 0.00	40.88 1.85 -8.54	38.45 1.78 -9.20
PROJECT___ORANGE 1 24174	25.08 -0.40 0.00	25.08 -0.39 0.00	24.07 -0.37 0.00	25.17 -0.42 0.00	24.78 -0.38 0.00	25.09 -0.35 0.00	114.91 -1.55 0.00	53.92 -0.82 0.00	23.45 -0.33 0.00	17.57 -0.29 0.00	20.06 -0.31 0.00	19.17 -0.28 0.00	21.16 -0.36 0.00	18.51 -0.36 0.00	24.42 -0.46 0.00	41.75 -0.63 0.00	45.13 -0.59 0.00	50.21 -0.61 0.00	57.64 -0.86 0.00	38.90 -0.60 0.00	33.82 -0.52 0.00	34.18 -0.55 0.00	29.96 -0.53 0.00	26.98 -0.50 0.00
PROJECT___ORANGE 2 24166	25.08 -0.40 0.00	25.08 -0.39 0.00	24.07 -0.37 0.00	25.17 -0.42 0.00	24.78 -0.38 0.00	25.09 -0.35 0.00	114.91 -1.55 0.00	53.92 -0.82 0.00	23.45 -0.33 0.00	17.57 -0.29 0.00	20.06 -0.31 0.00	19.17 -0.28 0.00	21.16 -0.36 0.00	18.51 -0.36 0.00	24.42 -0.46 0.00	41.75 -0.63 0.00	45.13 -0.59 0.00	50.21 -0.61 0.00	57.64 -0.86 0.00	38.90 -0.60 0.00	33.82 -0.52 0.00	34.18 -0.55 0.00	29.96 -0.53 0.00	26.98 -0.50 0.00
PUCKETT___SOLAR 323809	26.42 0.94 0.00	26.29 0.83 0.00	25.30 0.85 0.00	26.44 0.86 0.00	26.04 0.87 0.00	26.36 0.91 0.00	122.16 5.70 0.00	56.92 2.17 0.00	24.60 0.82 0.00	18.44 0.58 0.00	20.98 0.60 0.00	20.08 0.63 0.00	22.15 0.62 0.00	19.34 0.46 0.00	25.31 0.43 0.00	43.14 0.76 0.00	46.74 1.01 0.00	52.00 1.18 0.00	59.69 1.19 0.00	40.18 0.68 0.00	34.80 0.45 0.00	35.04 0.32 0.00	30.65 0.17 0.00	27.65 0.17 0.00
PYRITES___HYD 24023	28.24 2.76 0.00	28.21 2.74 0.00	27.06 2.61 0.00	28.32 2.74 0.00	28.02 2.86 0.00	28.52 3.08 0.00	130.98 14.52 0.00	62.16 7.41 0.00	25.92 2.14 0.00	18.77 0.91 0.00	21.30 0.93 0.00	20.43 0.98 0.00	22.60 1.08 0.00	19.74 0.87 0.00	25.99 1.11 0.00	45.02 2.64 0.00	51.19 5.47 0.00	57.79 6.97 0.00	66.46 7.96 0.00	44.73 5.23 0.00	38.77 4.43 0.00	38.85 4.13 0.00	33.48 2.99 0.00	29.78 2.30 0.00
QUAKERRD_115KV_BK1 80622	24.52 -0.95 0.00	24.62 -0.85 0.00	23.57 -0.87 0.00	24.54 -1.05 0.00	24.25 -0.92 0.00	24.65 -0.79 0.00	112.52 -3.93 0.00	52.51 -2.24 0.00	22.89 -0.89 0.00	17.18 -0.68 0.00	19.62 -0.75 0.00	18.80 -0.65 0.00	20.69 -0.84 0.00	17.95 -0.92 0.00	23.56 -1.32 0.00	40.06 -2.31 0.00	43.28 -2.45 0.00	47.97 -2.86 0.00	54.85 -3.65 0.00	37.04 -2.46 0.00	32.16 -2.18 0.00	32.45 -2.28 0.00	28.48 -2.01 0.00	25.73 -1.75 0.00
QUENSBRY_115KV_TB8 356137	26.45 0.97 0.00	26.52 1.05 0.00	25.51 1.07 0.00	26.73 1.14 0.00	26.33 1.17 0.00	26.64 1.19 0.00	122.47 6.02 0.00	57.83 3.08 0.00	24.85 1.07 0.00	18.42 0.56 0.00	20.99 0.62 0.00	19.92 0.47 0.00	22.10 0.58 0.00	19.50 0.63 0.00	25.82 0.94 0.00	44.09 1.71 0.00	47.71 1.99 0.00	53.66 2.84 0.00	61.83 3.33 0.00	41.78 2.28 0.00	36.13 1.78 0.00	36.48 1.76 0.00	32.26 1.78 0.00	29.01 1.53 0.00
RAMAPO___LBMP 323565	26.42 0.94 0.00	26.29 0.82 0.00	25.29 0.84 0.00	26.48 0.90 0.00	25.97 0.81 0.00	26.23 0.79 0.00	120.57 4.11 0.00	56.62 1.88 0.00	24.72 0.94 0.00	18.63 0.77 0.00	21.21 0.84 0.00	20.21 0.76 0.00	22.50 0.97 0.00	19.63 0.76 0.00	25.87 0.99 0.00	43.08 1.54 0.84	47.48 1.75 0.00	53.08 2.25 0.00	60.76 2.26 0.00	40.99 1.49 0.00	35.73 1.38 0.00	36.22 1.50 0.00	31.90 1.41 0.00	28.75 1.28 0.00
RANKINE____ 23646	25.56 0.08 0.00	25.72 0.26 0.00	24.57 0.13 0.00	25.45 -0.13 0.00	25.19 0.03 0.00	25.62 0.18 0.00	116.65 0.20 0.00	53.82 -0.93 0.00	23.63 -0.15 0.00	17.82 -0.04 0.00	20.40 0.03 0.00	19.65 0.20 0.00	21.54 0.01 0.00	18.49 -0.38 0.00	24.11 -0.77 0.00	40.47 -1.91 0.00	43.40 -2.32 0.00	47.63 -3.20 0.00	54.18 -4.32 0.00	36.57 -2.93 0.00	31.74 -2.61 0.00	32.03 -2.69 0.00	28.15 -2.33 0.00	25.57 -1.91 0.00
RAVENSWOOD_GT2_1 24244	26.65 1.17 0.00	26.51 1.05 0.00	25.51 1.06 0.00	26.67 1.09 0.00	26.17 1.01 0.00	26.45 1.01 0.00	121.51 5.05 0.00	57.15 2.40 0.00	42.27 1.23 -17.26	35.08 0.98 -16.24	36.77 1.10 -15.30	42.38 1.00 -21.92	43.01 1.22 -20.27	39.50 1.00 -19.63	35.83 1.33 -9.62	45.07 2.11 -0.59	48.01 2.29 0.00	53.65 2.82 0.00	61.39 2.88 0.00	41.44 1.94 0.00	36.13 1.78 0.00	36.58 1.86 0.00	32.22 1.74 0.00	29.05 1.57 0.00



RAVENSWOOD_GT2_2 24245	26.65 1.17 0.00	26.51 1.05 0.00	25.51 1.06 0.00	26.67 1.09 0.00	26.17 1.01 0.00	26.45 1.01 0.00	121.51 5.05 0.00	57.15 2.40 0.00	42.27 1.23 -17.26	35.08 0.98 -16.24	36.77 1.10 -15.30	42.38 1.00 -21.92	43.01 1.22 -20.27	39.50 1.00 -19.63	35.83 1.33 -9.62	45.07 2.11 -0.59	48.01 2.29 0.00	53.65 2.82 0.00	61.39 2.88 0.00	41.44 1.94 0.00	36.13 1.78 0.00	36.58 1.86 0.00	32.22 1.74 0.00	29.05 1.57 0.00
RAVENSWOOD_GT2_3 24246	26.66 1.18 0.00	26.52 1.06 0.00	25.52 1.07 0.00	26.68 1.10 0.00	26.19 1.02 0.00	26.47 1.03 0.00	121.61 5.15 0.00	57.18 2.44 0.00	42.28 1.24 -17.26	35.09 0.99 -16.24	36.78 1.11 -15.30	42.39 1.02 -21.92	43.03 1.24 -20.27	39.52 1.01 -19.63	35.84 1.34 -9.62	45.09 2.13 -0.59	48.05 2.32 0.00	53.66 2.84 0.00	61.43 2.92 0.00	41.46 1.97 0.00	36.16 1.81 0.00	36.60 1.88 0.00	32.24 1.76 0.00	29.06 1.58 0.00
RAVENSWOOD_GT2_4 24247	26.66 1.18 0.00	26.52 1.06 0.00	25.52 1.07 0.00	26.68 1.10 0.00	26.19 1.02 0.00	26.47 1.03 0.00	121.61 5.15 0.00	57.18 2.44 0.00	42.28 1.24 -17.26	35.09 0.99 -16.24	36.78 1.11 -15.30	42.39 1.02 -21.92	43.03 1.24 -20.27	39.52 1.01 -19.63	35.84 1.34 -9.62	45.09 2.13 -0.59	48.05 2.32 0.00	53.66 2.84 0.00	61.43 2.92 0.00	41.46 1.97 0.00	36.16 1.81 0.00	36.60 1.88 0.00	32.24 1.76 0.00	29.06 1.58 0.00
RAVENSWOOD_GT3_1 24248	26.65 1.17 0.00	26.51 1.05 0.00	25.51 1.06 0.00	26.67 1.09 0.00	26.17 1.01 0.00	26.46 1.01 0.00	121.51 5.06 0.00	57.16 2.41 0.00	42.27 1.23 -17.26	35.08 0.98 -16.24	36.77 1.10 -15.30	42.38 1.01 -21.92	43.02 1.22 -20.27	39.50 1.00 -19.63	35.83 1.33 -9.62	45.07 2.11 -0.59	48.02 2.29 0.00	53.65 2.82 0.00	61.39 2.88 0.00	41.44 1.94 0.00	36.13 1.79 0.00	36.59 1.86 0.00	32.23 1.75 0.00	29.05 1.57 0.00
RAVENSWOOD_GT3_2 24249	26.65 1.17 0.00	26.51 1.05 0.00	25.51 1.06 0.00	26.67 1.09 0.00	26.17 1.01 0.00	26.46 1.01 0.00	121.51 5.06 0.00	57.16 2.41 0.00	42.27 1.23 -17.26	35.08 0.98 -16.24	36.77 1.10 -15.30	42.38 1.01 -21.92	43.02 1.22 -20.27	39.50 1.00 -19.63	35.83 1.33 -9.62	45.07 2.11 -0.59	48.02 2.29 0.00	53.65 2.82 0.00	61.39 2.88 0.00	41.44 1.94 0.00	36.13 1.79 0.00	36.59 1.86 0.00	32.23 1.75 0.00	29.05 1.57 0.00
RAVENSWOOD_GT3_3 24250	26.69 1.21 0.00	26.55 1.08 0.00	25.54 1.10 0.00	26.71 1.12 0.00	26.21 1.04 0.00	26.50 1.05 0.00	121.73 5.27 0.00	57.25 2.51 0.00	42.31 1.27 -17.26	35.12 1.02 -16.24	36.81 1.13 -15.30	42.41 1.04 -21.92	43.06 1.26 -20.27	39.54 1.03 -19.63	35.87 1.37 -9.62	45.14 2.18 -0.59	48.10 2.37 0.00	53.75 2.92 0.00	61.50 2.99 0.00	41.51 2.01 0.00	36.19 1.85 0.00	36.64 1.92 0.00	32.27 1.79 0.00	29.08 1.61 0.00
RAVENSWOOD_GT3_4 24251	26.69 1.21 0.00	26.55 1.08 0.00	25.54 1.10 0.00	26.71 1.12 0.00	26.21 1.04 0.00	26.50 1.05 0.00	121.73 5.27 0.00	57.25 2.51 0.00	42.31 1.27 -17.26	35.12 1.02 -16.24	36.81 1.13 -15.30	42.41 1.04 -21.92	43.06 1.26 -20.27	39.54 1.03 -19.63	35.87 1.37 -9.62	45.14 2.18 -0.59	48.10 2.37 0.00	53.75 2.92 0.00	61.50 2.99 0.00	41.51 2.01 0.00	36.19 1.85 0.00	36.64 1.92 0.00	32.27 1.79 0.00	29.08 1.61 0.00
RAVENSWOOD_GT_1 23729	26.69 1.21 0.00	26.55 1.08 0.00	25.54 1.09 0.00	26.70 1.12 0.00	26.21 1.04 0.00	26.50 1.05 0.00	121.61 5.15 0.00	57.21 2.47 0.00	42.25 1.21 -17.26	35.06 0.96 -16.24	36.76 1.09 -15.30	42.37 1.00 -21.92	43.01 1.21 -20.27	39.50 1.00 -19.63	35.83 1.33 -9.62	45.11 2.14 -0.59	48.07 2.35 0.00	53.70 2.88 0.00	61.44 2.93 0.00	41.47 1.97 0.00	36.18 1.84 0.00	36.64 1.91 0.00	32.27 1.78 0.00	29.07 1.60 0.00
RAVENSWOOD_GT_10 24258	26.65 1.18 0.00	26.52 1.05 0.00	25.51 1.06 0.00	26.67 1.09 0.00	26.18 1.01 0.00	26.46 1.01 0.00	121.52 5.06 0.00	57.17 2.42 0.00	42.27 1.23 -17.26	35.08 0.98 -16.24	36.78 1.10 -15.30	42.38 1.01 -21.92	43.02 1.23 -20.27	39.51 1.00 -19.63	35.83 1.33 -9.62	45.07 2.11 -0.59	48.02 2.30 0.00	53.65 2.82 0.00	61.39 2.89 0.00	41.44 1.94 0.00	36.14 1.79 0.00	36.59 1.87 0.00	32.23 1.75 0.00	29.05 1.57 0.00
RAVENSWOOD_GT_11 24259	26.65 1.18 0.00	26.52 1.05 0.00	25.51 1.06 0.00	26.67 1.09 0.00	26.18 1.01 0.00	26.46 1.01 0.00	121.52 5.06 0.00	57.17 2.42 0.00	42.27 1.23 -17.26	35.08 0.98 -16.24	36.78 1.10 -15.30	42.38 1.01 -21.92	43.02 1.23 -20.27	39.51 1.00 -19.63	35.83 1.33 -9.62	45.07 2.11 -0.59	48.02 2.30 0.00	53.65 2.82 0.00	61.39 2.89 0.00	41.44 1.94 0.00	36.14 1.79 0.00	36.59 1.87 0.00	32.23 1.75 0.00	29.05 1.57 0.00
RAVENSWOOD_GT_4 24252	26.66 1.18 0.00	26.52 1.05 0.00	25.52 1.07 0.00	26.68 1.10 0.00	26.19 1.02 0.00	26.47 1.02 0.00	121.61 5.15 0.00	57.18 2.44 0.00	42.28 1.24 -17.26	35.10 1.00 -16.24	36.79 1.12 -15.30	42.40 1.02 -21.92	43.04 1.24 -20.27	39.52 1.02 -19.63	35.84 1.35 -9.62	45.10 2.14 -0.59	48.04 2.31 0.00	53.66 2.83 0.00	61.43 2.92 0.00	41.45 1.96 0.00	36.15 1.80 0.00	36.60 1.88 0.00	32.24 1.75 0.00	29.06 1.58 0.00
RAVENSWOOD_GT_5 24254	26.66 1.18 0.00	26.52 1.05 0.00	25.52 1.07 0.00	26.68 1.10 0.00	26.19 1.02 0.00	26.47 1.02 0.00	121.61 5.15 0.00	57.18 2.44 0.00	42.28 1.24 -17.26	35.10 1.00 -16.24	36.79 1.12 -15.30	42.40 1.02 -21.92	43.04 1.24 -20.27	39.52 1.02 -19.63	35.84 1.35 -9.62	45.10 2.14 -0.59	48.04 2.31 0.00	53.66 2.83 0.00	61.43 2.92 0.00	41.45 1.96 0.00	36.15 1.80 0.00	36.60 1.88 0.00	32.24 1.75 0.00	29.06 1.58 0.00
RAVENSWOOD_GT_6 24253	26.66 1.18 0.00	26.52 1.05 0.00	25.52 1.07 0.00	26.68 1.10 0.00	26.19 1.02 0.00	26.47 1.02 0.00	121.61 5.15 0.00	57.18 2.44 0.00	42.28 1.24 -17.26	35.10 1.00 -16.24	36.79 1.12 -15.30	42.40 1.02 -21.92	43.04 1.24 -20.27	39.52 1.02 -19.63	35.84 1.35 -9.62	45.10 2.14 -0.59	48.04 2.31 0.00	53.66 2.83 0.00	61.43 2.92 0.00	41.45 1.96 0.00	36.15 1.80 0.00	36.60 1.88 0.00	32.24 1.75 0.00	29.06 1.58 0.00
RAVENSWOOD_GT_7 24255	26.66 1.18 0.00	26.52 1.05 0.00	25.52 1.07 0.00	26.68 1.10 0.00	26.19 1.02 0.00	26.47 1.02 0.00	121.61 5.15 0.00	57.18 2.44 0.00	42.28 1.24 -17.26	35.10 1.00 -16.24	36.79 1.12 -15.30	42.40 1.02 -21.92	43.04 1.24 -20.27	39.52 1.02 -19.63	35.84 1.35 -9.62	45.10 2.14 -0.59	48.04 2.31 0.00	53.66 2.83 0.00	61.43 2.92 0.00	41.45 1.96 0.00	36.15 1.80 0.00	36.60 1.88 0.00	32.24 1.75 0.00	29.06 1.58 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	26.65 1.18 0.00	26.52 1.05 0.00	25.51 1.06 0.00	26.67 1.09 0.00	26.18 1.01 0.00	26.46 1.01 0.00	121.52 5.06 0.00	57.17 2.42 0.00	42.27 1.23 -17.26	35.08 0.98 -16.24	36.78 1.10 -15.30	42.38 1.01 -21.92	43.02 1.23 -20.27	39.51 1.00 -19.63	35.83 1.33 -9.62	45.07 2.11 -0.59	48.02 2.30 0.00	53.65 2.82 0.00	61.39 2.89 0.00	41.44 1.94 0.00	36.14 1.79 0.00	36.59 1.87 0.00	32.23 1.75 0.00	29.05 1.57 0.00



RAVENSWOOD_GT_9 24257	26.65 1.18 0.00	26.52 1.05 0.00	25.51 1.06 0.00	26.67 1.09 0.00	26.18 1.01 0.00	26.46 1.01 0.00	121.52 5.06 0.00	57.17 2.42 0.00	42.27 1.23 -17.26	35.08 0.98 -16.24	36.78 1.10 -15.30	42.38 1.01 -21.92	43.02 1.23 -20.27	39.51 1.00 -19.63	35.83 1.33 -9.62	45.07 2.11 -0.59	48.02 2.30 0.00	53.65 2.82 0.00	61.39 2.89 0.00	41.44 1.94 0.00	36.14 1.79 0.00	36.59 1.87 0.00	32.23 1.75 0.00	29.05 1.57 0.00
RAVENSWOOD___1 23533	26.64 1.16 0.00	26.50 1.03 0.00	25.49 1.04 0.00	26.65 1.07 0.00	26.16 1.00 0.00	26.44 1.00 0.00	121.40 4.95 0.00	57.13 2.38 0.00	42.20 1.16 -17.26	35.01 0.91 -16.24	36.70 1.03 -15.30	42.31 0.93 -21.92	42.94 1.14 -20.27	39.44 0.94 -19.63	35.75 1.25 -9.62	45.01 2.05 -0.59	47.99 2.26 0.00	53.63 2.80 0.00	61.34 2.84 0.00	41.41 1.92 0.00	36.12 1.78 0.00	36.57 1.85 0.00	32.21 1.73 0.00	29.02 1.54 0.00
RAVENSWOOD___2 23534	26.64 1.16 0.00	26.50 1.03 0.00	25.49 1.04 0.00	26.65 1.07 0.00	26.16 1.00 0.00	26.44 1.00 0.00	121.40 4.95 0.00	57.13 2.38 0.00	42.20 1.16 -17.26	35.01 0.91 -16.24	36.70 1.03 -15.30	42.31 0.93 -21.92	42.94 1.14 -20.27	39.44 0.94 -19.63	35.75 1.25 -9.62	45.01 2.05 -0.59	47.99 2.26 0.00	53.63 2.80 0.00	61.34 2.84 0.00	41.41 1.92 0.00	36.12 1.78 0.00	36.57 1.85 0.00	32.21 1.73 0.00	29.02 1.54 0.00
RAVENSWOOD___3 23535	26.65 1.18 0.00	26.52 1.05 0.00	25.50 1.06 0.00	26.67 1.09 0.00	26.18 1.01 0.00	26.46 1.01 0.00	121.53 5.07 0.00	57.17 2.43 0.00	42.27 1.23 -17.26	35.08 0.98 -16.24	36.78 1.11 -15.30	42.39 1.01 -21.92	43.02 1.23 -20.27	39.50 1.00 -19.63	35.83 1.33 -9.62	45.07 2.11 -0.59	48.02 2.29 0.00	53.65 2.82 0.00	61.39 2.88 0.00	41.43 1.93 0.00	36.14 1.80 0.00	36.59 1.87 0.00	32.23 1.74 0.00	29.05 1.57 0.00
RAVENSWOOD___4 23820	26.64 1.16 0.00	26.50 1.03 0.00	25.49 1.04 0.00	26.65 1.07 0.00	26.16 1.00 0.00	26.44 1.00 0.00	121.40 4.95 0.00	57.13 2.38 0.00	42.20 1.16 -17.26	35.01 0.91 -16.24	36.70 1.03 -15.30	42.31 0.93 -21.92	42.94 1.14 -20.27	39.44 0.94 -19.63	35.75 1.25 -9.62	45.01 2.05 -0.59	47.99 2.26 0.00	53.63 2.80 0.00	61.34 2.84 0.00	41.41 1.92 0.00	36.12 1.78 0.00	36.57 1.85 0.00	32.21 1.73 0.00	29.02 1.54 0.00
RCPI_TRUST___DRP 24196	26.67 1.20 0.00	26.53 1.07 0.00	25.52 1.07 0.00	26.69 1.11 0.00	26.19 1.03 0.00	26.48 1.03 0.00	121.71 5.26 0.00	57.25 2.51 0.00	33.99 1.27 -8.93	27.29 1.02 -8.41	29.44 1.15 -7.92	31.85 1.06 -11.35	33.30 1.28 -10.49	30.08 1.05 -10.16	31.25 1.39 -4.98	45.14 2.21 -0.55	48.11 2.39 0.00	53.75 2.93 0.00	61.50 3.00 0.00	41.50 2.00 0.00	36.18 1.84 0.00	36.64 1.91 0.00	32.26 1.77 0.00	29.07 1.60 0.00
RED___ROCHESTER 323720	25.19 -0.29 0.00	25.29 -0.17 0.00	24.20 -0.24 0.00	25.16 -0.43 0.00	24.87 -0.29 0.00	25.32 -0.12 0.00	115.51 -0.95 0.00	53.82 -0.92 0.00	23.48 -0.30 0.00	17.63 -0.23 0.00	20.14 -0.23 0.00	19.32 -0.13 0.00	21.24 -0.28 0.00	18.39 -0.47 0.00	24.09 -0.79 0.00	40.90 -1.48 0.00	44.22 -1.50 0.00	48.99 -1.84 0.00	55.96 -2.55 0.00	37.80 -1.70 0.00	32.80 -1.55 0.00	33.08 -1.64 0.00	29.04 -1.45 0.00	26.25 -1.23 0.00
REGAN___SOLAR 323812	27.18 1.70 0.00	27.13 1.66 0.00	26.02 1.58 0.00	27.25 1.67 0.00	26.85 1.68 0.00	27.27 1.83 0.00	125.35 8.89 0.00	58.72 3.98 0.00	24.73 0.95 0.00	18.13 0.27 0.00	20.60 0.23 0.00	19.68 0.23 0.00	21.77 0.24 0.00	19.01 0.14 0.00	25.20 0.32 0.00	44.13 1.75 0.00	48.84 3.11 0.00	54.74 3.91 0.00	62.89 4.38 0.00	42.37 2.87 0.00	36.71 2.36 0.00	37.06 2.34 0.00	32.47 1.99 0.00	29.16 1.69 0.00
RENSSELAER___COGEN 23796	25.59 0.11 0.00	25.61 0.14 0.00	24.61 0.16 0.00	25.80 0.21 0.00	25.33 0.17 0.00	25.54 0.09 0.00	116.99 0.53 0.00	55.20 0.45 0.00	23.96 0.18 0.00	17.92 0.07 0.00	20.57 0.20 0.00	19.60 0.14 0.00	21.73 0.20 0.00	19.09 0.23 0.00	25.16 0.28 0.00	42.88 0.51 0.00	46.12 0.40 0.00	51.67 0.84 0.00	59.36 0.86 0.00	40.11 0.61 0.00	34.89 0.54 0.00	35.29 0.57 0.00	31.00 0.52 0.00	27.92 0.45 0.00
REPUBLIC_115KV_BARTNBRK 55605	27.52 2.04 0.00	27.77 2.31 0.00	26.80 2.35 0.00	27.96 2.38 0.00	27.69 2.53 0.00	28.07 2.63 0.00	129.74 13.29 0.00	61.64 6.89 0.00	26.21 2.43 0.00	19.29 1.44 0.00	21.90 1.53 0.00	20.64 1.19 0.00	22.93 1.40 0.00	20.46 1.59 0.00	27.05 2.17 0.00	45.76 3.38 0.00	49.77 4.04 0.00	56.38 5.56 0.00	65.28 6.77 0.00	44.19 4.69 0.00	37.85 3.50 0.00	38.12 3.40 0.00	33.99 3.50 0.00	30.58 3.10 0.00
REVERE_CPPR_DRP 24186	26.53 1.05 0.00	26.48 1.02 0.00	25.46 1.01 0.00	26.66 1.07 0.00	26.33 1.17 0.00	26.70 1.26 0.00	122.81 6.36 0.00	57.79 3.05 0.00	24.95 1.17 0.00	18.51 0.65 0.00	21.03 0.66 0.00	20.10 0.65 0.00	22.18 0.65 0.00	19.43 0.56 0.00	25.56 0.68 0.00	43.86 1.49 0.00	47.99 2.26 0.00	53.56 2.74 0.00	61.56 3.06 0.00	41.54 2.05 0.00	36.03 1.69 0.00	36.34 1.62 0.00	31.72 1.23 0.00	28.37 0.89 0.00
REYNOLDS_115KV_TB3 80639	25.79 0.31 0.00	25.82 0.35 0.00	24.80 0.36 0.00	26.01 0.42 0.00	25.54 0.37 0.00	25.75 0.30 0.00	117.81 1.35 0.00	55.67 0.93 0.00	24.18 0.40 0.00	18.08 0.22 0.00	20.74 0.37 0.00	19.75 0.30 0.00	21.91 0.38 0.00	19.26 0.40 0.00	25.43 0.55 0.00	43.33 0.95 0.00	46.54 0.81 0.00	52.17 1.34 0.00	59.94 1.44 0.00	40.51 1.02 0.00	35.25 0.90 0.00	35.66 0.94 0.00	31.32 0.83 0.00	28.21 0.74 0.00
RIVERBAY____ 323610	26.60 1.12 0.00	26.50 1.03 0.00	25.47 1.02 0.00	26.67 1.09 0.00	26.19 1.02 0.00	26.48 1.03 0.00	121.52 5.06 0.00	57.30 2.55 0.00	40.12 1.10 -15.24	33.68 0.83 -14.98	34.31 0.94 -13.00	38.93 0.85 -18.63	39.80 1.05 -17.22	36.92 0.85 -17.19	34.23 1.16 -8.19	44.93 1.96 -0.59	47.93 2.21 0.00	53.58 2.76 0.00	61.32 2.82 0.00	41.37 1.88 0.00	36.04 1.70 0.00	36.46 1.74 0.00	32.11 1.63 0.00	28.93 1.45 0.00
RIVERSDE_115KV_TB3 55908	25.70 0.22 0.00	25.71 0.25 0.00	24.70 0.26 0.00	25.90 0.31 0.00	25.44 0.27 0.00	25.64 0.20 0.00	117.47 1.01 0.00	55.46 0.72 0.00	24.08 0.30 0.00	18.01 0.15 0.00	20.67 0.30 0.00	19.69 0.24 0.00	21.84 0.31 0.00	19.19 0.32 0.00	25.31 0.43 0.00	43.13 0.76 0.00	46.39 0.66 0.00	51.97 1.14 0.00	59.69 1.18 0.00	40.33 0.83 0.00	35.07 0.73 0.00	35.47 0.75 0.00	31.17 0.68 0.00	28.07 0.59 0.00
ROARING___BROOK_WT_PWR 323790	25.44 -0.03 0.00	25.43 -0.04 0.00	24.37 -0.07 0.00	25.51 -0.08 0.00	25.09 -0.07 0.00	25.32 -0.12 0.00	115.39 -1.07 0.00	54.34 -0.41 0.00	23.67 -0.11 0.00	17.86 0.00 0.00	20.37 0.00 0.00	19.46 0.01 0.00	21.54 0.01 0.00	18.91 0.04 0.00	24.95 0.07 0.00	42.42 0.05 0.00	45.78 0.06 0.00	50.74 -0.08 0.00	58.47 -0.04 0.00	39.45 -0.05 0.00	34.21 -0.13 0.00	34.48 -0.24 0.00	30.16 -0.32 0.00	27.08 -0.40 0.00



ROCHESRG_115KV_T4 355643	24.95 -0.53 0.00	25.06 -0.41 0.00	23.99 -0.46 0.00	24.93 -0.65 0.00	24.65 -0.51 0.00	25.07 -0.37 0.00	114.31 -2.15 0.00	53.23 -1.52 0.00	23.24 -0.54 0.00	17.46 -0.40 0.00	19.95 -0.43 0.00	19.13 -0.32 0.00	21.04 -0.49 0.00	18.22 -0.65 0.00	23.87 -1.01 0.00	40.47 -1.91 0.00	43.71 -2.02 0.00	48.38 -2.45 0.00	55.27 -3.24 0.00	37.34 -2.16 0.00	32.41 -1.93 0.00	32.71 -2.01 0.00	28.74 -1.75 0.00	25.98 -1.49 0.00
ROCHESTER_9_IC 23652	25.08 -0.40 0.00	25.19 -0.28 0.00	24.10 -0.34 0.00	25.06 -0.53 0.00	24.78 -0.39 0.00	25.21 -0.23 0.00	114.93 -1.52 0.00	53.56 -1.19 0.00	23.38 -0.41 0.00	17.55 -0.31 0.00	20.05 -0.33 0.00	19.24 -0.21 0.00	21.15 -0.38 0.00	18.31 -0.56 0.00	23.99 -0.89 0.00	40.70 -1.67 0.00	43.99 -1.74 0.00	48.70 -2.13 0.00	55.62 -2.88 0.00	37.57 -1.92 0.00	32.62 -1.72 0.00	32.91 -1.81 0.00	28.90 -1.59 0.00	26.13 -1.35 0.00
ROCKVIEW_13_KV_LD 356306	26.66 1.18 0.00	26.52 1.06 0.00	25.51 1.06 0.00	26.68 1.10 0.00	26.19 1.02 0.00	26.45 1.01 0.00	121.63 5.18 0.00	57.18 2.44 0.00	25.02 1.24 0.00	18.86 1.00 0.00	21.49 1.12 0.00	20.47 1.02 0.00	22.77 1.24 0.00	19.89 1.02 0.00	26.23 1.35 0.00	45.03 2.14 -0.52	48.05 2.33 0.00	53.70 2.88 0.00	61.47 2.96 0.00	41.50 2.00 0.00	36.19 1.84 0.00	36.64 1.92 0.00	32.26 1.78 0.00	29.08 1.60 0.00
ROME____115KV_TB2 80656	26.53 1.05 0.00	26.48 1.02 0.00	25.46 1.01 0.00	26.66 1.07 0.00	26.33 1.17 0.00	26.70 1.26 0.00	122.81 6.36 0.00	57.79 3.05 0.00	24.95 1.17 0.00	18.51 0.65 0.00	21.03 0.66 0.00	20.10 0.65 0.00	22.18 0.65 0.00	19.43 0.56 0.00	25.56 0.68 0.00	43.86 1.49 0.00	47.99 2.26 0.00	53.56 2.74 0.00	61.56 3.06 0.00	41.54 2.05 0.00	36.03 1.69 0.00	36.34 1.62 0.00	31.72 1.23 0.00	28.37 0.89 0.00
ROSETON___1 23587	26.36 0.88 0.00	26.25 0.79 0.00	25.24 0.79 0.00	26.42 0.84 0.00	25.93 0.76 0.00	26.19 0.75 0.00	120.31 3.86 0.00	56.55 1.81 0.00	24.70 0.92 0.00	18.60 0.74 0.00	21.20 0.83 0.00	20.20 0.75 0.00	22.45 0.92 0.00	19.62 0.75 0.00	25.86 0.98 0.00	43.93 1.55 0.00	47.42 1.69 0.00	52.99 2.17 0.00	60.70 2.19 0.00	40.98 1.49 0.00	35.72 1.38 0.00	36.17 1.46 0.00	31.84 1.36 0.00	28.70 1.22 0.00
ROSETON___2 23588	26.36 0.88 0.00	26.25 0.79 0.00	25.24 0.79 0.00	26.42 0.84 0.00	25.93 0.76 0.00	26.19 0.75 0.00	120.31 3.86 0.00	56.55 1.81 0.00	24.70 0.92 0.00	18.60 0.74 0.00	21.20 0.83 0.00	20.20 0.75 0.00	22.45 0.92 0.00	19.62 0.75 0.00	25.86 0.98 0.00	43.93 1.55 0.00	47.42 1.69 0.00	52.99 2.17 0.00	60.70 2.19 0.00	40.98 1.49 0.00	35.72 1.38 0.00	36.17 1.46 0.00	31.84 1.36 0.00	28.70 1.22 0.00
ROTRDAM_115KV_TB3 80664	26.05 0.57 0.00	26.04 0.57 0.00	25.02 0.57 0.00	26.22 0.63 0.00	25.77 0.60 0.00	26.04 0.60 0.00	119.36 2.91 0.00	56.16 1.42 0.00	24.31 0.53 0.00	18.16 0.30 0.00	20.72 0.35 0.00	19.75 0.30 0.00	21.88 0.35 0.00	19.21 0.34 0.00	25.39 0.51 0.00	43.41 1.04 0.00	46.89 1.17 0.00	52.42 1.60 0.00	60.25 1.75 0.00	40.68 1.19 0.00	35.37 1.03 0.00	35.76 1.04 0.00	31.42 0.94 0.00	28.29 0.81 0.00
RUSSELL___1 23602	25.18 -0.29 0.00	25.29 -0.17 0.00	24.19 -0.25 0.00	25.16 -0.43 0.00	24.88 -0.29 0.00	25.32 -0.13 0.00	115.51 -0.95 0.00	53.82 -0.92 0.00	23.48 -0.30 0.00	17.63 -0.23 0.00	20.13 -0.24 0.00	19.32 -0.13 0.00	21.23 -0.29 0.00	18.38 -0.49 0.00	24.08 -0.80 0.00	40.89 -1.48 0.00	44.22 -1.51 0.00	48.99 -1.84 0.00	55.96 -2.54 0.00	37.79 -1.70 0.00	32.80 -1.54 0.00	33.08 -1.64 0.00	29.04 -1.45 0.00	26.25 -1.23 0.00
RUSSELL___2 23532	25.18 -0.29 0.00	25.29 -0.17 0.00	24.19 -0.25 0.00	25.16 -0.43 0.00	24.88 -0.29 0.00	25.32 -0.13 0.00	115.51 -0.95 0.00	53.82 -0.92 0.00	23.48 -0.30 0.00	17.63 -0.23 0.00	20.13 -0.24 0.00	19.32 -0.13 0.00	21.23 -0.29 0.00	18.38 -0.49 0.00	24.08 -0.80 0.00	40.89 -1.48 0.00	44.22 -1.51 0.00	48.99 -1.84 0.00	55.96 -2.54 0.00	37.79 -1.70 0.00	32.80 -1.54 0.00	33.08 -1.64 0.00	29.04 -1.45 0.00	26.25 -1.23 0.00
RUSSELL___3 23549	25.18 -0.29 0.00	25.29 -0.17 0.00	24.19 -0.25 0.00	25.16 -0.43 0.00	24.88 -0.29 0.00	25.32 -0.13 0.00	115.51 -0.95 0.00	53.82 -0.92 0.00	23.48 -0.30 0.00	17.63 -0.23 0.00	20.13 -0.24 0.00	19.32 -0.13 0.00	21.23 -0.29 0.00	18.38 -0.49 0.00	24.08 -0.80 0.00	40.89 -1.48 0.00	44.22 -1.51 0.00	48.99 -1.84 0.00	55.96 -2.54 0.00	37.79 -1.70 0.00	32.80 -1.54 0.00	33.08 -1.64 0.00	29.04 -1.45 0.00	26.25 -1.23 0.00
RUSSELL___4 23556	25.18 -0.29 0.00	25.29 -0.17 0.00	24.19 -0.25 0.00	25.16 -0.43 0.00	24.88 -0.29 0.00	25.32 -0.13 0.00	115.51 -0.95 0.00	53.82 -0.92 0.00	23.48 -0.30 0.00	17.63 -0.23 0.00	20.13 -0.24 0.00	19.32 -0.13 0.00	21.23 -0.29 0.00	18.38 -0.49 0.00	24.08 -0.80 0.00	40.89 -1.48 0.00	44.22 -1.51 0.00	48.99 -1.84 0.00	55.96 -2.54 0.00	37.79 -1.70 0.00	32.80 -1.54 0.00	33.08 -1.64 0.00	29.04 -1.45 0.00	26.25 -1.23 0.00
RUSSELL___STATION 23914	25.18 -0.29 0.00	25.29 -0.17 0.00	24.19 -0.25 0.00	25.16 -0.43 0.00	24.88 -0.29 0.00	25.32 -0.13 0.00	115.51 -0.95 0.00	53.82 -0.92 0.00	23.48 -0.30 0.00	17.63 -0.23 0.00	20.13 -0.24 0.00	19.32 -0.13 0.00	21.23 -0.29 0.00	18.38 -0.49 0.00	24.08 -0.80 0.00	40.89 -1.48 0.00	44.22 -1.51 0.00	48.99 -1.84 0.00	55.96 -2.54 0.00	37.79 -1.70 0.00	32.80 -1.54 0.00	33.08 -1.64 0.00	29.04 -1.45 0.00	26.25 -1.23 0.00
S SALMON___HYD 24043	25.37 -0.11 0.00	25.32 -0.14 0.00	24.31 -0.14 0.00	25.45 -0.14 0.00	25.05 -0.11 0.00	25.41 -0.04 0.00	116.30 -0.15 0.00	55.02 0.28 0.00	23.81 0.03 0.00	17.70 -0.16 0.00	20.20 -0.17 0.00	19.31 -0.14 0.00	21.23 -0.30 0.00	18.55 -0.32 0.00	24.44 -0.44 0.00	42.09 -0.28 0.00	46.05 0.32 0.00	51.49 0.66 0.00	59.14 0.63 0.00	39.95 0.45 0.00	34.76 0.41 0.00	35.09 0.37 0.00	30.53 0.04 0.00	27.21 -0.27 0.00
S.PERRY__115KV_TB1 80734	26.22 0.74 0.00	26.28 0.81 0.00	25.18 0.74 0.00	26.18 0.60 0.00	25.81 0.65 0.00	26.25 0.81 0.00	120.50 4.04 0.00	56.14 1.40 0.00	24.25 0.47 0.00	17.95 0.09 0.00	20.45 0.08 0.00	19.68 0.23 0.00	21.61 0.09 0.00	18.56 -0.32 0.00	23.83 -1.05 0.00	40.34 -2.04 0.00	44.45 -1.27 0.00	49.16 -1.67 0.00	55.90 -2.60 0.00	37.60 -1.90 0.00	32.48 -1.86 0.00	33.43 -1.29 0.00	29.47 -1.02 0.00	26.58 -0.90 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	25.14 -0.34 0.00	25.33 -0.14 0.00	24.20 -0.24 0.00	25.05 -0.54 0.00	24.81 -0.36 0.00	25.26 -0.19 0.00	114.68 -1.78 0.00	52.87 -1.87 0.00	23.25 -0.54 0.00	17.54 -0.32 0.00	20.07 -0.31 0.00	19.32 -0.12 0.00	21.18 -0.35 0.00	18.18 -0.69 0.00	23.70 -1.18 0.00	39.75 -2.63 0.00	42.68 -3.05 0.00	46.84 -3.99 0.00	53.27 -5.23 0.00	36.00 -3.49 0.00	31.27 -3.08 0.00	31.55 -3.18 0.00	27.64 -2.72 0.12	24.83 -2.25 0.39



SAWYER___23_KV_LOAD 55526	25.14 -0.34 0.00	25.33 -0.14 0.00	24.20 -0.24 0.00	25.05 -0.54 0.00	24.81 -0.36 0.00	25.26 -0.19 0.00	114.68 -1.78 0.00	52.87 -1.87 0.00	23.25 -0.54 0.00	17.54 -0.32 0.00	20.07 -0.31 0.00	19.32 -0.12 0.00	21.18 -0.35 0.00	18.18 -0.69 0.00	23.70 -1.18 0.00	39.75 -2.63 0.00	42.68 -3.05 0.00	46.84 -3.99 0.00	53.27 -5.23 0.00	36.00 -3.49 0.00	31.27 -3.08 0.00	31.55 -3.18 0.00	27.64 -2.72 0.12	24.83 -2.25 0.39
SELKIRK___I 23801	25.85 0.37 0.00	25.86 0.40 0.00	24.85 0.41 0.00	26.06 0.48 0.00	25.60 0.44 0.00	25.83 0.39 0.00	118.36 1.90 0.00	55.67 0.92 0.00	24.05 0.27 0.00	17.97 0.11 0.00	20.59 0.21 0.00	19.63 0.18 0.00	21.75 0.22 0.00	19.09 0.22 0.00	25.19 0.31 0.00	43.13 0.75 0.00	46.47 0.75 0.00	51.99 1.17 0.00	59.75 1.25 0.00	40.38 0.88 0.00	35.11 0.77 0.00	35.52 0.80 0.00	31.20 0.72 0.00	28.11 0.64 0.00
SELKIRK___II 23799	25.71 0.24 0.00	25.72 0.25 0.00	24.70 0.26 0.00	25.91 0.32 0.00	25.44 0.27 0.00	25.66 0.22 0.00	117.58 1.12 0.00	55.40 0.66 0.00	24.05 0.27 0.00	18.00 0.14 0.00	20.62 0.25 0.00	19.65 0.20 0.00	21.79 0.26 0.00	19.13 0.26 0.00	25.22 0.34 0.00	42.99 0.61 0.00	46.28 0.55 0.00	51.76 0.94 0.00	59.48 0.97 0.00	40.18 0.69 0.00	34.96 0.62 0.00	35.37 0.64 0.00	31.07 0.58 0.00	27.99 0.51 0.00
SENECA OSWGO___HYD 24041	24.87 -0.61 0.00	24.86 -0.60 0.00	23.86 -0.58 0.00	24.94 -0.64 0.00	24.56 -0.60 0.00	24.89 -0.55 0.00	114.00 -2.46 0.00	53.53 -1.22 0.00	23.23 -0.55 0.00	17.42 -0.44 0.00	19.86 -0.51 0.00	18.97 -0.48 0.00	20.95 -0.58 0.00	18.32 -0.55 0.00	24.15 -0.73 0.00	41.29 -1.08 0.00	44.69 -1.03 0.00	49.78 -1.04 0.00	57.16 -1.35 0.00	38.58 -0.91 0.00	33.53 -0.81 0.00	33.92 -0.81 0.00	29.74 -0.74 0.00	26.78 -0.70 0.00
SENECA___115KV_TB3 355854	25.60 0.12 0.00	25.76 0.29 0.00	24.61 0.16 0.00	25.50 -0.09 0.00	25.23 0.06 0.00	25.67 0.23 0.00	116.81 0.35 0.00	53.92 -0.83 0.00	23.68 -0.10 0.00	17.85 -0.01 0.00	20.44 0.07 0.00	19.69 0.24 0.00	21.58 0.05 0.00	18.52 -0.35 0.00	24.15 -0.73 0.00	40.55 -1.83 0.00	43.49 -2.24 0.00	47.72 -3.10 0.00	54.28 -4.22 0.00	36.63 -2.87 0.00	31.80 -2.55 0.00	32.08 -2.64 0.00	28.20 -2.29 0.00	25.62 -1.86 0.00
SENECA___ENERGY 23797	25.39 -0.08 0.00	25.38 -0.08 0.00	24.36 -0.09 0.00	25.42 -0.17 0.00	25.04 -0.12 0.00	25.41 -0.03 0.00	116.74 0.29 0.00	54.61 -0.14 0.00	23.73 -0.05 0.00	17.72 -0.14 0.00	20.19 -0.19 0.00	19.32 -0.13 0.00	21.28 -0.24 0.00	18.55 -0.32 0.00	24.37 -0.51 0.00	41.57 -0.81 0.00	45.12 -0.60 0.00	50.21 -0.61 0.00	57.52 -0.99 0.00	38.74 -0.75 0.00	33.56 -0.78 0.00	33.95 -0.77 0.00	29.71 -0.78 0.00	26.76 -0.72 0.00
SHOEMAKER___GT 23640	26.35 0.88 0.00	26.25 0.79 0.00	25.23 0.78 0.00	26.42 0.84 0.00	25.93 0.77 0.00	26.21 0.76 0.00	120.52 4.06 0.00	56.55 1.81 0.00	24.61 0.83 0.00	18.51 0.65 0.00	21.07 0.70 0.00	20.08 0.63 0.00	22.31 0.78 0.00	19.49 0.62 0.00	25.69 0.81 0.00	43.19 1.35 0.54	47.31 1.58 0.00	52.89 2.07 0.00	60.62 2.11 0.00	40.91 1.41 0.00	35.63 1.29 0.00	36.08 1.36 0.00	31.73 1.25 0.00	28.59 1.12 0.00
SHOEMAKR_138KV_BK 111 55601	26.34 0.86 0.00	26.23 0.76 0.00	25.22 0.77 0.00	26.41 0.82 0.00	25.92 0.76 0.00	26.19 0.74 0.00	120.39 3.94 0.00	56.50 1.75 0.00	24.61 0.83 0.00	18.51 0.65 0.00	21.08 0.71 0.00	20.09 0.64 0.00	22.32 0.80 0.00	19.51 0.64 0.00	25.71 0.83 0.00	43.21 1.35 0.52	47.30 1.58 0.00	52.85 2.03 0.00	60.58 2.07 0.00	40.87 1.38 0.00	35.60 1.26 0.00	36.07 1.34 0.00	31.71 1.23 0.00	28.58 1.10 0.00
SHOREHAM_IC_1 23715	25.90 0.42 0.00	25.70 0.23 0.00	24.81 0.37 0.00	26.04 0.45 0.00	25.19 0.02 0.00	25.30 -0.14 0.00	116.62 0.16 0.00	55.05 0.30 0.00	23.67 0.79 0.90	17.65 0.63 0.85	19.91 0.34 0.80	7.06 0.44 12.83	3.88 0.65 18.30	8.01 0.58 11.44	43.94 1.63 -17.43	45.47 2.45 -0.65	48.12 2.40 0.00	51.79 0.96 0.00	59.56 1.06 0.00	41.02 1.53 0.00	36.32 1.97 0.00	36.36 1.63 0.00	40.88 1.85 -8.54	38.45 1.78 -9.20
SHOREHAM_IC_2 23716	25.90 0.42 0.00	25.70 0.23 0.00	24.81 0.37 0.00	26.04 0.45 0.00	25.19 0.02 0.00	25.30 -0.14 0.00	116.62 0.16 0.00	55.05 0.30 0.00	23.67 0.79 0.90	17.65 0.63 0.85	19.91 0.34 0.80	7.06 0.44 12.83	3.88 0.65 18.30	8.01 0.58 11.44	43.94 1.63 -17.43	45.47 2.45 -0.65	48.12 2.40 0.00	51.79 0.96 0.00	59.56 1.06 0.00	41.02 1.53 0.00	36.32 1.97 0.00	36.36 1.63 0.00	40.88 1.85 -8.54	38.45 1.78 -9.20
SISSONVILLE____ 23735	27.49 2.01 0.00	27.46 2.00 0.00	26.35 1.90 0.00	27.59 2.00 0.00	27.28 2.12 0.00	27.72 2.27 0.00	126.97 10.51 0.00	60.23 5.49 0.00	25.41 1.63 0.00	18.59 0.74 0.00	21.13 0.76 0.00	20.26 0.81 0.00	22.42 0.90 0.00	19.59 0.72 0.00	25.77 0.89 0.00	44.43 2.06 0.00	49.83 4.11 0.00	56.02 5.19 0.00	64.40 5.90 0.00	43.35 3.85 0.00	37.62 3.27 0.00	37.75 3.03 0.00	32.60 2.11 0.00	29.02 1.54 0.00
SITHE_IND_GS1 24169	24.63 -0.85 0.00	24.63 -0.84 0.00	23.64 -0.80 0.00	24.71 -0.88 0.00	24.34 -0.83 0.00	24.65 -0.80 0.00	112.73 -3.72 0.00	52.93 -1.81 0.00	23.01 -0.77 0.00	17.28 -0.58 0.00	19.73 -0.65 0.00	18.85 -0.60 0.00	20.81 -0.72 0.00	18.22 -0.65 0.00	23.99 -0.89 0.00	40.93 -1.44 0.00	44.21 -1.51 0.00	49.18 -1.65 0.00	56.50 -2.01 0.00	38.14 -1.35 0.00	33.15 -1.20 0.00	33.51 -1.21 0.00	29.40 -1.09 0.00	26.48 -0.99 0.00
SITHE_IND_GS2 24170	24.63 -0.85 0.00	24.63 -0.84 0.00	23.64 -0.80 0.00	24.71 -0.88 0.00	24.34 -0.83 0.00	24.65 -0.80 0.00	112.73 -3.72 0.00	52.93 -1.81 0.00	23.01 -0.77 0.00	17.28 -0.58 0.00	19.73 -0.65 0.00	18.85 -0.60 0.00	20.81 -0.72 0.00	18.22 -0.65 0.00	23.99 -0.89 0.00	40.93 -1.44 0.00	44.21 -1.51 0.00	49.18 -1.65 0.00	56.50 -2.01 0.00	38.14 -1.35 0.00	33.15 -1.20 0.00	33.51 -1.21 0.00	29.40 -1.09 0.00	26.48 -0.99 0.00
SITHE_IND_GS3 24171	24.63 -0.85 0.00	24.63 -0.84 0.00	23.64 -0.80 0.00	24.71 -0.88 0.00	24.34 -0.83 0.00	24.65 -0.80 0.00	112.73 -3.72 0.00	52.93 -1.81 0.00	23.01 -0.77 0.00	17.28 -0.58 0.00	19.73 -0.65 0.00	18.85 -0.60 0.00	20.81 -0.72 0.00	18.22 -0.65 0.00	23.99 -0.89 0.00	40.93 -1.44 0.00	44.21 -1.51 0.00	49.18 -1.65 0.00	56.50 -2.01 0.00	38.14 -1.35 0.00	33.15 -1.20 0.00	33.51 -1.21 0.00	29.40 -1.09 0.00	26.48 -0.99 0.00
SITHE_IND_GS4 24172	24.63 -0.85 0.00	24.63 -0.84 0.00	23.64 -0.80 0.00	24.71 -0.88 0.00	24.34 -0.83 0.00	24.65 -0.80 0.00	112.73 -3.72 0.00	52.93 -1.81 0.00	23.01 -0.77 0.00	17.28 -0.58 0.00	19.73 -0.65 0.00	18.85 -0.60 0.00	20.81 -0.72 0.00	18.22 -0.65 0.00	23.99 -0.89 0.00	40.93 -1.44 0.00	44.21 -1.51 0.00	49.18 -1.65 0.00	56.50 -2.01 0.00	38.14 -1.35 0.00	33.15 -1.20 0.00	33.51 -1.21 0.00	29.40 -1.09 0.00	26.48 -0.99 0.00



SITHE___BATAVIA 24024	25.57 0.09 0.00	25.73 0.26 0.00	24.59 0.14 0.00	25.49 -0.09 0.00	25.26 0.09 0.00	25.77 0.33 0.00	117.24 0.79 0.00	54.41 -0.34 0.00	23.79 0.01 0.00	17.79 -0.07 0.00	20.25 -0.12 0.00	19.45 0.00 0.00	21.35 -0.17 0.00	18.38 -0.49 0.00	24.09 -0.79 0.00	40.63 -1.75 0.00	44.16 -1.57 0.00	48.78 -2.04 0.00	55.52 -2.98 0.00	37.53 -1.97 0.00	32.55 -1.79 0.00	32.78 -1.94 0.00	28.80 -1.69 0.00	26.08 -1.40 0.00
SITHE___INDEPEND 23800	24.62 -0.85 0.00	24.63 -0.84 0.00	23.64 -0.80 0.00	24.71 -0.87 0.00	24.33 -0.83 0.00	24.65 -0.80 0.00	112.73 -3.72 0.00	52.93 -1.81 0.00	23.01 -0.77 0.00	17.28 -0.58 0.00	19.72 -0.65 0.00	18.85 -0.60 0.00	20.81 -0.72 0.00	18.22 -0.65 0.00	23.99 -0.89 0.00	40.93 -1.45 0.00	44.21 -1.52 0.00	49.18 -1.65 0.00	56.50 -2.01 0.00	38.14 -1.35 0.00	33.15 -1.19 0.00	33.51 -1.21 0.00	29.40 -1.09 0.00	26.48 -0.99 0.00
SITHE___MASSENA 23902	25.81 0.33 0.00	25.83 0.36 0.00	24.76 0.31 0.00	25.88 0.30 0.00	25.49 0.33 0.00	25.78 0.33 0.00	117.45 0.99 0.00	55.37 0.63 0.00	23.99 0.21 0.00	18.07 0.21 0.00	20.57 0.20 0.00	19.67 0.22 0.00	21.76 0.24 0.00	19.12 0.25 0.00	25.24 0.36 0.00	42.88 0.50 0.00	46.27 0.55 0.00	51.14 0.32 0.00	59.01 0.50 0.00	39.80 0.31 0.00	34.62 0.27 0.00	34.94 0.22 0.00	30.69 0.21 0.00	27.72 0.24 0.00
SITHE___OGDNSBRG 24021	28.52 3.04 0.00	28.49 3.02 0.00	27.32 2.88 0.00	28.59 3.01 0.00	28.31 3.14 0.00	28.83 3.38 0.00	132.52 16.06 0.00	62.87 8.13 0.00	26.09 2.31 0.00	18.81 0.94 0.00	21.33 0.95 0.00	20.46 1.01 0.00	22.64 1.11 0.00	19.76 0.90 0.00	26.03 1.15 0.00	45.15 2.77 0.00	51.69 5.97 0.00	58.49 7.67 0.00	67.26 8.76 0.00	45.26 5.76 0.00	39.22 4.87 0.00	39.28 4.56 0.00	33.81 3.32 0.00	30.07 2.59 0.00
SITHE___STERLING 23777	26.23 0.76 0.00	26.19 0.73 0.00	25.18 0.74 0.00	26.38 0.79 0.00	26.03 0.86 0.00	26.37 0.93 0.00	121.32 4.87 0.00	56.99 2.25 0.00	24.62 0.83 0.00	18.31 0.45 0.00	20.82 0.45 0.00	19.90 0.44 0.00	21.97 0.44 0.00	19.24 0.37 0.00	25.31 0.42 0.00	43.34 0.96 0.00	47.24 1.52 0.00	52.73 1.90 0.00	60.60 2.09 0.00	40.87 1.38 0.00	35.48 1.13 0.00	35.81 1.09 0.00	31.30 0.82 0.00	28.09 0.61 0.00
SLEIGHT__34_KV_TB1 80719	25.78 0.30 0.00	25.77 0.30 0.00	24.71 0.27 0.00	25.79 0.21 0.00	25.45 0.28 0.00	25.86 0.41 0.00	118.87 2.41 0.00	55.72 0.98 0.00	24.17 0.39 0.00	18.08 0.22 0.00	20.62 0.25 0.00	19.73 0.28 0.00	21.73 0.20 0.00	18.94 0.07 0.00	24.93 0.05 0.00	42.66 0.28 0.00	46.21 0.49 0.00	51.42 0.60 0.00	58.94 0.44 0.00	39.71 0.21 0.00	34.44 0.10 0.00	34.75 0.03 0.00	30.42 -0.07 0.00	27.39 -0.09 0.00
SOUTH CAIRO___GT 23612	26.63 1.16 0.00	26.66 1.20 0.00	25.62 1.17 0.00	26.88 1.29 0.00	26.44 1.28 0.00	26.77 1.32 0.00	122.96 6.51 0.00	58.09 3.35 0.00	24.86 1.08 0.00	18.31 0.44 0.00	20.91 0.53 0.00	19.87 0.42 0.00	21.98 0.45 0.00	19.34 0.46 0.00	25.59 0.70 0.00	44.16 1.78 0.00	48.13 2.41 0.00	54.24 3.41 0.00	62.47 3.96 0.00	42.14 2.65 0.00	36.57 2.22 0.00	36.86 2.13 0.00	32.28 1.79 0.00	29.00 1.52 0.00
SOUTH HAMPTN___IC 23720	25.91 0.43 0.00	25.71 0.25 0.00	24.82 0.37 0.00	26.04 0.45 0.00	25.23 0.06 0.00	25.34 -0.11 0.00	117.33 0.88 0.00	55.84 1.10 0.00	23.99 1.11 0.90	17.88 0.87 0.85	20.21 0.63 0.80	-6.10 0.72 26.27	-15.64 0.96 38.12	-3.70 0.84 23.41	44.22 1.91 -17.43	45.97 2.95 -0.65	48.67 2.95 0.00	52.56 1.73 0.00	60.33 1.83 0.00	41.56 2.06 0.00	36.74 2.39 0.00	36.48 1.76 0.00	40.97 1.95 -8.54	38.51 1.84 -9.20
SOUTHDOW_115KV_TB1 355954	26.50 1.02 0.00	26.62 1.15 0.00	25.48 1.04 0.00	26.49 0.91 0.00	26.21 1.04 0.00	26.78 1.34 0.00	122.64 6.18 0.00	57.93 3.18 0.00	25.24 1.46 0.00	18.98 1.12 0.00	21.84 1.47 0.00	21.06 1.61 0.00	22.99 1.46 0.00	19.70 0.83 0.00	25.64 0.76 0.00	43.05 0.67 0.00	45.96 0.24 0.00	50.06 -0.76 0.00	56.03 -2.47 0.00	37.65 -1.85 0.00	32.68 -1.67 0.00	32.91 -1.81 0.00	31.55 -1.63 -2.69	34.69 -1.21 -8.42
SOUTHOLD_69_KV_BK 2 55809	25.63 0.15 0.00	25.43 -0.04 0.00	24.56 0.12 0.00	25.78 0.19 0.00	24.98 -0.18 0.00	25.11 -0.33 0.00	117.34 0.89 0.00	56.83 2.08 0.00	24.39 1.51 0.90	18.16 1.15 0.85	20.51 0.94 0.80	-6.42 0.99 26.86	-16.21 1.26 39.00	-3.96 1.11 23.94	44.58 2.26 -17.43	46.63 3.60 -0.65	49.47 3.75 0.00	53.50 2.67 0.00	61.24 2.74 0.00	42.29 2.80 0.00	37.34 2.99 0.00	36.50 1.78 0.00	40.88 1.86 -8.54	38.40 1.73 -9.20
SOUTHOLD___IC 23719	25.63 0.15 0.00	25.43 -0.04 0.00	24.56 0.12 0.00	25.77 0.19 0.00	24.98 -0.19 0.00	25.11 -0.33 0.00	117.35 0.90 0.00	56.83 2.09 0.00	24.39 1.51 0.90	18.16 1.15 0.85	20.51 0.94 0.80	-6.42 0.99 26.86	-16.21 1.26 39.00	-3.96 1.11 23.94	44.58 2.26 -17.43	46.62 3.60 -0.65	49.47 3.75 0.00	53.49 2.67 0.00	61.25 2.75 0.00	42.29 2.79 0.00	37.35 3.01 0.00	36.50 1.78 0.00	40.88 1.86 -8.54	38.40 1.73 -9.20
SOUTH_FORK_WT_PWR 323839	25.21 -0.27 0.00	25.01 -0.45 0.00	24.15 -0.29 0.00	25.36 -0.23 0.00	24.57 -0.59 0.00	24.70 -0.75 0.00	116.16 -0.30 0.00	56.89 2.15 0.00	24.42 1.54 0.90	18.19 1.18 0.85	20.54 0.97 0.80	-6.07 1.02 26.54	-15.70 1.29 38.52	-3.65 1.13 23.66	44.63 2.31 -17.43	46.71 3.69 -0.65	49.56 3.84 0.00	53.58 2.76 0.00	61.14 2.64 0.00	42.33 2.83 0.00	37.38 3.04 0.00	36.10 1.38 0.00	40.51 1.48 -8.54	38.07 1.39 -9.20
SPIERFLS_115KV_TB 1 80737	26.31 0.84 0.00	26.37 0.90 0.00	25.36 0.91 0.00	26.57 0.99 0.00	26.16 1.00 0.00	26.46 1.02 0.00	121.62 5.16 0.00	57.36 2.62 0.00	24.68 0.90 0.00	18.32 0.46 0.00	20.88 0.51 0.00	19.82 0.37 0.00	21.98 0.46 0.00	19.38 0.51 0.00	25.66 0.78 0.00	43.84 1.46 0.00	47.42 1.69 0.00	53.28 2.46 0.00	61.37 2.87 0.00	41.46 1.96 0.00	35.90 1.55 0.00	36.25 1.53 0.00	32.05 1.56 0.00	28.82 1.34 0.00
ST LAWRENCE____ 23600	25.55 0.07 0.00	25.57 0.10 0.00	24.51 0.06 0.00	25.62 0.04 0.00	25.23 0.07 0.00	25.52 0.07 0.00	116.26 -0.19 0.00	54.82 0.08 0.00	23.76 -0.02 0.00	17.89 0.04 0.00	20.37 -0.01 0.00	19.46 0.01 0.00	21.54 0.01 0.00	18.93 0.06 0.00	24.99 0.11 0.00	42.44 0.07 0.00	45.81 0.09 0.00	50.62 -0.20 0.00	58.43 -0.07 0.00	39.42 -0.08 0.00	34.29 -0.06 0.00	34.61 -0.11 0.00	30.40 -0.08 0.00	27.46 -0.02 0.00
STATE_CA_115KV_115_LB 55624	25.73 0.25 0.00	25.74 0.27 0.00	24.72 0.28 0.00	25.92 0.33 0.00	25.45 0.28 0.00	25.67 0.23 0.00	117.70 1.25 0.00	55.52 0.78 0.00	24.11 0.33 0.00	18.02 0.17 0.00	20.69 0.32 0.00	19.71 0.26 0.00	21.86 0.33 0.00	19.20 0.33 0.00	25.31 0.43 0.00	43.18 0.80 0.00	46.49 0.76 0.00	52.06 1.24 0.00	59.77 1.27 0.00	40.37 0.87 0.00	35.10 0.75 0.00	35.49 0.77 0.00	31.18 0.70 0.00	28.07 0.59 0.00



STATE_ST_34_KV_LOAD 55959	25.60 0.12 0.00	25.57 0.10 0.00	24.54 0.09 0.00	25.65 0.06 0.00	25.27 0.11 0.00	25.60 0.15 0.00	117.65 1.19 0.00	55.12 0.38 0.00	23.91 0.13 0.00	17.87 0.01 0.00	20.36 -0.01 0.00	19.47 0.01 0.00	21.48 -0.05 0.00	18.77 -0.10 0.00	24.72 -0.16 0.00	42.29 -0.09 0.00	45.86 0.13 0.00	51.09 0.26 0.00	58.62 0.12 0.00	39.51 0.01 0.00	34.29 -0.05 0.00	34.64 -0.09 0.00	30.32 -0.16 0.00	27.31 -0.17 0.00
STATION 5_MISC_HYD 23604	25.08 -0.40 0.00	25.19 -0.28 0.00	24.10 -0.34 0.00	25.05 -0.53 0.00	24.77 -0.39 0.00	25.22 -0.22 0.00	114.93 -1.52 0.00	53.56 -1.18 0.00	23.38 -0.41 0.00	17.55 -0.31 0.00	20.06 -0.32 0.00	19.24 -0.21 0.00	21.15 -0.37 0.00	18.32 -0.55 0.00	23.99 -0.89 0.00	40.71 -1.67 0.00	43.99 -1.74 0.00	48.70 -2.13 0.00	55.62 -2.88 0.00	37.58 -1.92 0.00	32.61 -1.73 0.00	32.91 -1.81 0.00	28.90 -1.59 0.00	26.13 -1.35 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	25.39 -0.09 0.00	25.44 -0.02 0.00	24.37 -0.07 0.00	25.39 -0.19 0.00	25.08 -0.09 0.00	25.50 0.06 0.00	116.76 0.30 0.00	54.57 -0.18 0.00	23.76 -0.02 0.00	17.78 -0.08 0.00	20.29 -0.08 0.00	19.44 -0.01 0.00	21.38 -0.15 0.00	18.57 -0.30 0.00	24.38 -0.50 0.00	41.57 -0.81 0.00	45.02 -0.71 0.00	49.96 -0.87 0.00	57.12 -1.38 0.00	38.54 -0.96 0.00	33.43 -0.92 0.00	33.74 -0.98 0.00	29.56 -0.93 0.00	26.66 -0.82 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	24.94 -0.53 0.00	25.05 -0.42 0.00	23.97 -0.48 0.00	24.93 -0.66 0.00	24.65 -0.52 0.00	25.07 -0.38 0.00	114.36 -2.09 0.00	53.33 -1.41 0.00	23.27 -0.51 0.00	17.47 -0.39 0.00	19.96 -0.41 0.00	19.14 -0.31 0.00	21.05 -0.48 0.00	18.24 -0.63 0.00	23.91 -0.97 0.00	40.60 -1.77 0.00	43.88 -1.85 0.00	48.60 -2.22 0.00	55.54 -2.96 0.00	37.50 -2.00 0.00	32.55 -1.79 0.00	32.85 -1.88 0.00	28.83 -1.66 0.00	26.06 -1.42 0.00
STA_56___34_KV_BUS2 355983	24.94 -0.53 0.00	25.05 -0.42 0.00	23.97 -0.48 0.00	24.93 -0.66 0.00	24.65 -0.52 0.00	25.07 -0.38 0.00	114.36 -2.09 0.00	53.33 -1.41 0.00	23.27 -0.51 0.00	17.47 -0.39 0.00	19.96 -0.41 0.00	19.14 -0.31 0.00	21.05 -0.48 0.00	18.24 -0.63 0.00	23.91 -0.97 0.00	40.60 -1.77 0.00	43.88 -1.85 0.00	48.60 -2.22 0.00	55.54 -2.96 0.00	37.50 -2.00 0.00	32.55 -1.79 0.00	32.85 -1.88 0.00	28.83 -1.66 0.00	26.06 -1.42 0.00
STA_67___115KV_BK2 355882	25.03 -0.45 0.00	25.14 -0.33 0.00	24.06 -0.39 0.00	25.01 -0.58 0.00	24.73 -0.44 0.00	25.16 -0.28 0.00	114.70 -1.76 0.00	53.42 -1.32 0.00	23.33 -0.45 0.00	17.51 -0.35 0.00	20.01 -0.37 0.00	19.19 -0.26 0.00	21.11 -0.42 0.00	18.27 -0.60 0.00	23.94 -0.94 0.00	40.61 -1.77 0.00	43.88 -1.85 0.00	48.58 -2.25 0.00	55.50 -3.01 0.00	37.48 -2.02 0.00	32.54 -1.81 0.00	32.83 -1.89 0.00	28.84 -1.65 0.00	26.07 -1.41 0.00
STA_7___115KV_9TRANS 80674	25.18 -0.29 0.00	25.29 -0.17 0.00	24.19 -0.25 0.00	25.16 -0.43 0.00	24.88 -0.29 0.00	25.32 -0.13 0.00	115.51 -0.95 0.00	53.82 -0.92 0.00	23.48 -0.30 0.00	17.63 -0.23 0.00	20.13 -0.24 0.00	19.32 -0.13 0.00	21.23 -0.29 0.00	18.38 -0.49 0.00	24.08 -0.80 0.00	40.89 -1.48 0.00	44.22 -1.51 0.00	48.99 -1.84 0.00	55.96 -2.54 0.00	37.79 -1.70 0.00	32.80 -1.54 0.00	33.08 -1.64 0.00	29.04 -1.45 0.00	26.25 -1.23 0.00
STA_82___115KV_TB1 80780	25.04 -0.44 0.00	25.15 -0.31 0.00	24.06 -0.38 0.00	25.01 -0.57 0.00	24.74 -0.43 0.00	25.17 -0.28 0.00	114.72 -1.74 0.00	53.46 -1.28 0.00	23.33 -0.45 0.00	17.52 -0.34 0.00	20.01 -0.37 0.00	19.20 -0.25 0.00	21.11 -0.42 0.00	18.27 -0.60 0.00	23.94 -0.94 0.00	40.61 -1.77 0.00	43.89 -1.84 0.00	48.60 -2.23 0.00	55.50 -3.00 0.00	37.49 -2.00 0.00	32.55 -1.79 0.00	32.84 -1.88 0.00	28.84 -1.65 0.00	26.08 -1.39 0.00
STEEL___WIND 323596	25.57 0.09 0.00	25.73 0.27 0.00	24.58 0.14 0.00	25.47 -0.12 0.00	25.19 0.02 0.00	25.64 0.19 0.00	116.67 0.22 0.00	53.88 -0.87 0.00	23.66 -0.12 0.00	17.83 -0.03 0.00	20.42 0.04 0.00	19.66 0.20 0.00	21.55 0.03 0.00	18.50 -0.37 0.00	24.12 -0.77 0.00	40.47 -1.90 0.00	43.40 -2.32 0.00	47.62 -3.20 0.00	54.19 -4.32 0.00	36.58 -2.92 0.00	31.73 -2.61 0.00	32.04 -2.69 0.00	28.17 -2.32 0.00	25.59 -1.89 0.00
STEPHTWN_115KV_BK_2 55603	25.89 0.41 0.00	25.87 0.40 0.00	24.86 0.42 0.00	26.07 0.48 0.00	25.61 0.44 0.00	25.85 0.41 0.00	118.73 2.27 0.00	56.03 1.28 0.00	24.24 0.46 0.00	18.10 0.24 0.00	20.80 0.43 0.00	19.79 0.34 0.00	21.94 0.41 0.00	19.24 0.38 0.00	25.49 0.61 0.00	43.44 1.06 0.00	46.76 1.03 0.00	52.55 1.72 0.00	60.25 1.75 0.00	40.69 1.19 0.00	35.35 1.01 0.00	35.74 1.02 0.00	31.36 0.87 0.00	28.24 0.76 0.00
STEUBEN_REC_LFGE 323667	25.96 0.49 0.00	26.03 0.56 0.00	25.03 0.58 0.00	26.04 0.46 0.00	25.47 0.30 0.00	25.76 0.32 0.00	118.55 2.10 0.00	55.11 0.37 0.00	24.09 0.31 0.00	18.02 0.16 0.00	20.52 0.15 0.00	19.78 0.33 0.00	21.76 0.24 0.00	18.78 -0.09 0.00	24.46 -0.43 0.00	41.49 -0.88 0.00	45.06 -0.66 0.00	49.17 -1.65 0.00	55.67 -2.83 0.00	37.06 -2.44 0.00	31.84 -2.51 0.00	32.30 -2.43 0.00	28.32 -2.30 -0.13	25.79 -2.09 -0.40
STILLWATER___SOLAR 323814	26.40 0.92 0.00	26.42 0.96 0.00	25.38 0.94 0.00	26.63 1.04 0.00	26.18 1.01 0.00	26.46 1.02 0.00	121.31 4.85 0.00	57.16 2.42 0.00	24.68 0.90 0.00	18.35 0.49 0.00	20.95 0.58 0.00	19.94 0.49 0.00	22.11 0.58 0.00	19.46 0.59 0.00	25.79 0.91 0.00	44.14 1.76 0.00	47.64 1.91 0.00	53.41 2.58 0.00	61.43 2.92 0.00	41.50 2.01 0.00	36.03 1.68 0.00	36.43 1.71 0.00	32.01 1.53 0.00	28.82 1.34 0.00
STONY___BROOK 24151	26.45 0.97 0.00	26.26 0.79 0.00	25.29 0.85 0.00	26.48 0.89 0.00	25.73 0.57 0.00	25.84 0.39 0.00	118.63 2.18 0.00	55.87 1.13 0.00	23.96 1.08 0.90	17.91 0.89 0.85	20.40 0.83 0.80	20.87 0.84 -0.58	24.13 1.11 -1.48	20.32 0.95 -0.51	44.07 1.76 -17.43	45.61 2.58 -0.65	48.14 2.41 0.00	52.58 1.75 0.00	60.59 2.09 0.00	41.44 1.95 0.00	36.54 2.19 0.00	36.75 2.03 0.00	41.36 2.33 -8.54	38.83 2.15 -9.20
STURGEON_POOL_HYD 23609	26.28 0.80 0.00	26.17 0.71 0.00	25.16 0.71 0.00	26.36 0.77 0.00	25.86 0.70 0.00	26.13 0.69 0.00	120.07 3.62 0.00	56.43 1.68 0.00	24.65 0.87 0.00	18.58 0.72 0.00	21.15 0.78 0.00	20.15 0.70 0.00	22.39 0.86 0.00	19.57 0.70 0.00	25.79 0.91 0.00	43.82 1.44 0.00	47.28 1.56 0.00	52.83 2.00 0.00	60.53 2.02 0.00	40.88 1.38 0.00	35.63 1.29 0.00	36.08 1.36 0.00	31.73 1.25 0.00	28.58 1.11 0.00
ST_LAW_115_BK7_LBMP 345037	25.55 0.08 0.00	25.57 0.11 0.00	24.51 0.07 0.00	25.62 0.04 0.00	25.24 0.07 0.00	25.52 0.07 0.00	116.27 -0.19 0.00	54.82 0.08 0.00	23.76 -0.02 0.00	17.90 0.04 0.00	20.37 0.00 0.00	19.47 0.02 0.00	21.54 0.01 0.00	18.94 0.07 0.00	25.00 0.12 0.00	42.46 0.08 0.00	45.81 0.09 0.00	50.63 -0.20 0.00	58.44 -0.06 0.00	39.42 -0.08 0.00	34.30 -0.05 0.00	34.61 -0.11 0.00	30.40 -0.08 0.00	27.47 -0.01 0.00



ST_LAW_115_BK8_LBMP 345038	25.55 0.08 0.00	25.57 0.11 0.00	24.51 0.07 0.00	25.62 0.04 0.00	25.24 0.07 0.00	25.52 0.07 0.00	116.27 -0.19 0.00	54.82 0.08 0.00	23.76 -0.02 0.00	17.90 0.04 0.00	20.37 0.00 0.00	19.47 0.02 0.00	21.54 0.01 0.00	18.94 0.07 0.00	25.00 0.12 0.00	42.46 0.08 0.00	45.81 0.09 0.00	50.63 -0.20 0.00	58.44 -0.06 0.00	39.42 -0.08 0.00	34.30 -0.05 0.00	34.61 -0.11 0.00	30.40 -0.08 0.00	27.47 -0.01 0.00
ST_LAW_230_BK5_LBMP 345035	25.55 0.07 0.00	25.57 0.10 0.00	24.51 0.06 0.00	25.62 0.04 0.00	25.23 0.07 0.00	25.52 0.07 0.00	116.26 -0.19 0.00	54.82 0.08 0.00	23.76 -0.02 0.00	17.89 0.04 0.00	20.37 -0.01 0.00	19.46 0.01 0.00	21.54 0.01 0.00	18.93 0.06 0.00	24.99 0.11 0.00	42.44 0.07 0.00	45.81 0.09 0.00	50.62 -0.20 0.00	58.43 -0.07 0.00	39.42 -0.08 0.00	34.29 -0.06 0.00	34.61 -0.11 0.00	30.40 -0.08 0.00	27.46 -0.02 0.00
ST_LAW_230_BK6_LBMP 345036	25.55 0.07 0.00	25.57 0.10 0.00	24.51 0.06 0.00	25.62 0.04 0.00	25.23 0.07 0.00	25.52 0.07 0.00	116.26 -0.19 0.00	54.82 0.08 0.00	23.76 -0.02 0.00	17.89 0.04 0.00	20.37 -0.01 0.00	19.46 0.01 0.00	21.54 0.01 0.00	18.93 0.06 0.00	24.99 0.11 0.00	42.44 0.07 0.00	45.81 0.09 0.00	50.62 -0.20 0.00	58.43 -0.07 0.00	39.42 -0.08 0.00	34.29 -0.06 0.00	34.61 -0.11 0.00	30.40 -0.08 0.00	27.46 -0.02 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	26.41 0.93 0.00	26.29 0.83 0.00	25.28 0.84 0.00	26.47 0.89 0.00	25.97 0.81 0.00	26.24 0.80 0.00	120.65 4.19 0.00	56.64 1.90 0.00	24.71 0.93 0.00	18.60 0.75 0.00	21.19 0.82 0.00	20.19 0.75 0.00	22.45 0.93 0.00	19.61 0.74 0.00	25.84 0.96 0.00	43.29 1.54 0.62	47.46 1.73 0.00	53.05 2.23 0.00	60.76 2.26 0.00	40.99 1.50 0.00	35.73 1.38 0.00	36.20 1.47 0.00	31.85 1.37 0.00	28.71 1.23 0.00
SWANROAD_115KV_TB1 355699	24.57 -0.91 0.00	24.78 -0.69 0.00	23.66 -0.78 0.00	24.48 -1.10 0.00	24.27 -0.89 0.00	24.72 -0.72 0.00	111.76 -4.69 0.00	51.40 -3.34 0.00	22.69 -1.09 0.00	17.11 -0.75 0.00	19.54 -0.84 0.00	18.81 -0.64 0.00	20.61 -0.92 0.00	17.67 -1.20 0.00	23.05 -1.83 0.00	38.59 -3.79 0.00	41.51 -4.22 0.00	45.49 -5.33 0.00	51.75 -6.75 0.00	35.03 -4.47 0.00	30.45 -3.90 0.00	30.73 -4.00 0.00	27.11 -3.38 0.00	24.64 -2.84 0.00
SYNERGY___BIOGAS 323694	25.57 0.09 0.00	25.73 0.26 0.00	24.59 0.14 0.00	25.49 -0.09 0.00	25.26 0.09 0.00	25.77 0.33 0.00	117.24 0.79 0.00	54.41 -0.34 0.00	23.79 0.01 0.00	17.79 -0.07 0.00	20.25 -0.12 0.00	19.45 0.00 0.00	21.35 0.00 0.00	18.38 -0.17 0.00	24.09 -0.79 0.00	40.63 -1.75 0.00	44.16 -1.57 0.00	48.78 -2.04 0.00	55.52 -2.98 0.00	37.53 -1.97 0.00	32.55 -1.79 0.00	32.78 -1.94 0.00	28.80 -1.69 0.00	26.08 -1.40 0.00
SYRACUSE___ENERGY_ST1 323597	25.22 -0.26 0.00	25.21 -0.25 0.00	24.20 -0.24 0.00	25.29 -0.29 0.00	24.91 -0.25 0.00	25.25 -0.20 0.00	115.70 -0.75 0.00	54.27 -0.47 0.00	23.57 -0.21 0.00	17.67 -0.19 0.00	20.15 -0.22 0.00	19.27 -0.18 0.00	21.27 -0.26 0.00	18.61 -0.26 0.00	24.55 -0.33 0.00	41.99 -0.39 0.00	45.41 -0.31 0.00	50.55 -0.28 0.00	58.04 -0.46 0.00	39.16 -0.33 0.00	34.02 -0.33 0.00	34.38 -0.34 0.00	30.13 -0.36 0.00	27.13 -0.35 0.00
SYRACUSE___ENERGY_ST2 323598	25.22 -0.26 0.00	25.21 -0.25 0.00	24.20 -0.24 0.00	25.29 -0.29 0.00	24.91 -0.25 0.00	25.25 -0.20 0.00	115.70 -0.75 0.00	54.27 -0.47 0.00	23.57 -0.21 0.00	17.67 -0.19 0.00	20.15 -0.22 0.00	19.27 -0.18 0.00	21.27 -0.26 0.00	18.61 -0.26 0.00	24.55 -0.33 0.00	41.99 -0.39 0.00	45.41 -0.31 0.00	50.55 -0.28 0.00	58.04 -0.46 0.00	39.16 -0.33 0.00	34.02 -0.33 0.00	34.38 -0.34 0.00	30.13 -0.36 0.00	27.13 -0.35 0.00
SYRACUSE___POWER 24017	25.29 -0.19 0.00	25.26 -0.20 0.00	24.25 -0.19 0.00	25.34 -0.24 0.00	24.96 -0.20 0.00	25.28 -0.17 0.00	115.93 -0.53 0.00	54.37 -0.37 0.00	23.62 -0.16 0.00	17.70 -0.16 0.00	20.19 -0.19 0.00	19.30 -0.15 0.00	21.30 -0.22 0.00	18.64 -0.24 0.00	24.55 -0.33 0.00	41.97 -0.41 0.00	45.40 -0.33 0.00	50.54 -0.28 0.00	58.04 -0.46 0.00	39.16 -0.33 0.00	34.03 -0.31 0.00	34.38 -0.34 0.00	30.13 -0.36 0.00	27.13 -0.34 0.00
TALLMAN___138KV_BK151 55660	26.47 0.99 0.00	26.34 0.88 0.00	25.34 0.90 0.00	26.53 0.95 0.00	26.02 0.86 0.00	26.28 0.83 0.00	120.81 4.36 0.00	56.78 2.04 0.00	24.80 1.02 0.00	18.70 0.83 0.00	21.29 0.92 0.00	20.27 0.82 0.00	22.58 1.05 0.00	19.71 0.84 0.00	25.97 1.09 0.00	43.24 1.70 0.83	47.64 1.91 0.00	53.24 2.42 0.00	60.95 2.44 0.00	41.12 1.62 0.00	35.84 1.50 0.00	36.33 1.61 0.00	31.99 1.51 0.00	28.84 1.36 0.00
TEALLAVE_115KV_TB7 355573	25.08 -0.40 0.00	25.08 -0.39 0.00	24.07 -0.37 0.00	25.16 -0.42 0.00	24.78 -0.38 0.00	25.09 -0.35 0.00	114.90 -1.56 0.00	53.92 -0.82 0.00	23.44 -0.33 0.00	17.57 -0.29 0.00	20.05 -0.32 0.00	19.16 -0.29 0.00	21.15 -0.38 0.00	18.51 -0.37 0.00	24.41 -0.47 0.00	41.72 -0.66 0.00	45.10 -0.62 0.00	50.20 -0.63 0.00	57.63 -0.88 0.00	38.89 -0.60 0.00	33.82 -0.52 0.00	34.17 -0.55 0.00	29.95 -0.53 0.00	26.97 -0.51 0.00
TELGRAPH_34_KV_EAST 80808	25.14 -0.33 0.00	25.33 -0.14 0.00	24.19 -0.25 0.00	25.06 -0.52 0.00	24.83 -0.33 0.00	25.31 -0.13 0.00	114.81 -1.65 0.00	53.07 -1.67 0.00	23.31 -0.47 0.00	17.53 -0.33 0.00	20.00 -0.37 0.00	19.24 -0.21 0.00	21.10 -0.42 0.00	18.13 -0.74 0.00	23.72 -1.16 0.00	39.80 -2.58 0.00	42.98 -2.74 0.00	47.26 -3.57 0.00	53.78 -4.72 0.00	36.37 -3.13 0.00	31.58 -2.76 0.00	31.84 -2.89 0.00	28.01 -2.48 0.00	25.42 -2.06 0.00
TEMPLE___115KV_TB 2 55572	25.08 -0.40 0.00	25.08 -0.39 0.00	24.07 -0.37 0.00	25.17 -0.42 0.00	24.78 -0.38 0.00	25.09 -0.35 0.00	114.91 -1.55 0.00	53.92 -0.82 0.00	23.45 -0.33 0.00	17.57 -0.29 0.00	20.06 -0.31 0.00	19.17 -0.28 0.00	21.16 -0.36 0.00	18.51 -0.36 0.00	24.42 -0.46 0.00	41.75 -0.63 0.00	45.13 -0.59 0.00	50.21 -0.61 0.00	57.64 -0.86 0.00	38.90 -0.60 0.00	33.82 -0.52 0.00	34.18 -0.55 0.00	29.96 -0.53 0.00	26.98 -0.50 0.00
TIANA____69_KV_BK 1 55817	25.99 0.52 0.00	25.80 0.33 0.00	24.89 0.45 0.00	26.11 0.53 0.00	25.29 0.12 0.00	25.41 -0.03 0.00	117.43 0.98 0.00	55.66 0.92 0.00	23.91 1.03 0.90	17.83 0.81 0.85	20.15 0.57 0.80	-6.65 0.65 26.75	-16.41 0.90 38.84	-4.19 0.79 23.84	44.13 1.82 -17.43	45.82 2.80 -0.65	48.52 2.79 0.00	52.40 1.57 0.00	60.21 1.71 0.00	41.44 1.95 0.00	36.63 2.28 0.00	36.52 1.80 0.00	41.03 2.00 -8.54	38.56 1.88 -9.20
TILDEN___115KV_TB1 80814	25.29 -0.19 0.00	25.26 -0.20 0.00	24.25 -0.19 0.00	25.34 -0.24 0.00	24.96 -0.20 0.00	25.28 -0.17 0.00	115.93 -0.53 0.00	54.37 -0.37 0.00	23.62 -0.16 0.00	17.70 -0.16 0.00	20.19 -0.19 0.00	19.30 -0.15 0.00	21.30 -0.22 0.00	18.64 -0.24 0.00	24.55 -0.33 0.00	41.97 -0.41 0.00	45.40 -0.33 0.00	50.54 -0.28 0.00	58.04 -0.46 0.00	39.16 -0.33 0.00	34.03 -0.31 0.00	34.38 -0.34 0.00	30.13 -0.36 0.00	27.13 -0.34 0.00



TRIGEN___CC 323695	26.61 1.13 0.00	26.44 0.97 0.00	25.44 1.00 0.00	26.61 1.03 0.00	25.97 0.81 0.00	26.14 0.70 0.00	119.92 3.46 0.00	56.33 1.59 0.00	23.98 1.10 0.90	17.95 0.94 0.85	20.61 1.04 0.80	19.30 0.99 1.14	21.72 1.25 1.05	18.89 1.04 1.02	43.94 1.62 -17.43	45.39 2.36 -0.65	48.04 2.31 0.00	53.16 2.34 0.00	60.99 2.48 0.00	41.43 1.93 0.00	36.35 2.01 0.00	36.72 2.00 0.00	41.19 2.17 -8.54	38.64 1.97 -9.20
TRINITY___115KV___4 BK 55933	25.63 0.15 0.00	25.64 0.17 0.00	24.64 0.19 0.00	25.83 0.24 0.00	25.36 0.20 0.00	25.57 0.12 0.00	117.12 0.67 0.00	55.29 0.55 0.00	24.01 0.22 0.00	17.95 0.09 0.00	20.61 0.24 0.00	19.63 0.18 0.00	21.78 0.25 0.00	19.13 0.26 0.00	25.22 0.34 0.00	42.98 0.60 0.00	46.22 0.49 0.00	51.78 0.96 0.00	59.48 0.97 0.00	40.19 0.69 0.00	34.95 0.61 0.00	35.34 0.62 0.00	31.06 0.58 0.00	27.98 0.50 0.00
UNION___PROCESSING_DRP 323587	25.05 -0.43 0.00	25.15 -0.31 0.00	24.07 -0.38 0.00	25.02 -0.57 0.00	24.75 -0.42 0.00	25.17 -0.27 0.00	114.79 -1.67 0.00	53.48 -1.27 0.00	23.34 -0.45 0.00	17.52 -0.34 0.00	20.01 -0.36 0.00	19.20 -0.25 0.00	21.11 -0.42 0.00	18.28 -0.59 0.00	23.95 -0.93 0.00	40.62 -1.76 0.00	43.91 -1.82 0.00	48.61 -2.21 0.00	55.52 -2.98 0.00	37.51 -1.99 0.00	32.56 -1.78 0.00	32.85 -1.87 0.00	28.85 -1.64 0.00	26.09 -1.39 0.00
UPPER HUDSON___HYD 24058	26.31 0.83 0.00	26.36 0.90 0.00	25.36 0.91 0.00	26.57 0.99 0.00	26.16 1.00 0.00	26.46 1.02 0.00	121.62 5.16 0.00	57.36 2.62 0.00	24.68 0.90 0.00	18.32 0.46 0.00	20.88 0.51 0.00	19.82 0.37 0.00	21.98 0.46 0.00	19.38 0.51 0.00	25.66 0.78 0.00	43.84 1.46 0.00	47.42 1.69 0.00	53.28 2.46 0.00	61.37 2.87 0.00	41.45 1.96 0.00	35.90 1.56 0.00	36.25 1.53 0.00	32.04 1.56 0.00	28.82 1.34 0.00
UPPER RAQUET___HYD 24056	27.49 2.01 0.00	27.47 2.00 0.00	26.35 1.90 0.00	27.59 2.00 0.00	27.28 2.12 0.00	27.72 2.27 0.00	126.97 10.52 0.00	60.23 5.49 0.00	25.41 1.63 0.00	18.59 0.74 0.00	21.13 0.76 0.00	20.26 0.81 0.00	22.42 0.90 0.00	19.59 0.72 0.00	25.77 0.89 0.00	44.43 2.06 0.00	49.83 4.10 0.00	56.02 5.19 0.00	64.40 5.89 0.00	43.34 3.85 0.00	37.61 3.27 0.00	37.75 3.03 0.00	32.60 2.11 0.00	29.02 1.54 0.00
VALLEY44_115KV_TB2 355964	26.45 0.97 0.00	26.46 0.99 0.00	25.35 0.91 0.00	26.35 0.77 0.00	25.97 0.80 0.00	26.20 0.76 0.00	119.74 3.28 0.00	55.37 0.63 0.00	24.24 0.46 0.00	18.36 0.50 0.00	21.20 0.83 0.00	20.50 1.05 0.00	22.49 0.96 0.00	19.34 0.47 0.00	25.21 0.34 0.00	42.28 -0.10 0.00	45.07 -0.66 0.00	49.63 -1.20 0.00	56.43 -2.07 0.00	37.95 -1.55 0.00	32.99 -1.35 0.00	33.38 -1.34 0.00	30.00 -1.09 -0.60	28.74 -0.63 -1.89
VALLEY___115KV_TB 1-4 80826	25.66 0.18 0.00	25.62 0.16 0.00	24.60 0.16 0.00	25.77 0.18 0.00	25.39 0.22 0.00	25.70 0.25 0.00	118.25 1.79 0.00	55.59 0.85 0.00	23.89 0.11 0.00	17.74 -0.12 0.00	20.27 -0.10 0.00	19.32 -0.13 0.00	21.40 -0.12 0.00	18.80 -0.07 0.00	24.81 -0.07 0.00	42.72 0.34 0.00	46.24 0.52 0.00	51.86 1.04 0.00	59.50 0.99 0.00	40.04 0.54 0.00	34.51 0.17 0.00	34.90 0.18 0.00	30.64 0.16 0.00	27.59 0.11 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	26.98 1.50 0.00	26.88 1.42 0.00	25.85 1.40 0.00	27.10 1.52 0.00	26.65 1.48 0.00	26.99 1.54 0.00	124.33 7.88 0.00	58.12 3.38 0.00	25.19 1.41 0.00	18.95 1.09 0.00	21.58 1.21 0.00	20.61 1.16 0.00	22.77 1.24 0.00	19.88 1.01 0.00	26.15 1.27 0.00	44.55 2.17 0.00	48.08 2.36 0.00	53.60 2.78 0.00	61.62 3.12 0.00	41.57 2.08 0.00	36.14 1.79 0.00	36.51 1.79 0.00	32.02 1.54 0.00	28.87 1.39 0.00
VISCHER___FERRY HYD 24020	26.08 0.60 0.00	26.10 0.64 0.00	25.08 0.63 0.00	26.30 0.72 0.00	25.84 0.68 0.00	26.07 0.63 0.00	119.25 2.80 0.00	56.30 1.56 0.00	24.41 0.63 0.00	18.20 0.34 0.00	20.85 0.47 0.00	19.86 0.40 0.00	22.02 0.49 0.00	19.39 0.53 0.00	25.66 0.78 0.00	43.78 1.41 0.00	47.05 1.33 0.00	52.75 1.92 0.00	60.67 2.16 0.00	41.00 1.50 0.00	35.66 1.32 0.00	36.06 1.34 0.00	31.67 1.18 0.00	28.52 1.04 0.00
V_A_10_SYNC_DSASP 323832	24.73 -0.75 0.00	24.90 -0.57 0.00	23.80 -0.65 0.00	24.68 -0.91 0.00	24.42 -0.74 0.00	24.85 -0.60 0.00	112.84 -3.62 0.00	52.23 -2.51 0.00	22.90 -0.88 0.00	17.27 -0.59 0.00	19.77 -0.60 0.00	19.01 -0.44 0.00	20.87 -0.66 0.00	17.98 -0.89 0.00	23.48 -1.40 0.00	39.50 -2.88 0.00	42.47 -3.25 0.00	46.77 -4.05 0.00	53.31 -5.20 0.00	36.03 -3.46 0.00	31.29 -3.05 0.00	31.59 -3.13 0.00	27.82 -2.66 0.00	25.26 -2.22 0.00
V_CMM_10_SYNC_DSASP 323787	25.70 0.22 0.00	25.72 0.25 0.00	24.66 0.21 0.00	25.78 0.19 0.00	25.38 0.22 0.00	25.67 0.23 0.00	116.97 0.51 0.00	55.15 0.41 0.00	23.90 0.12 0.00	18.00 0.14 0.00	20.49 0.12 0.00	19.58 0.13 0.00	21.67 0.15 0.00	19.04 0.17 0.00	25.14 0.26 0.00	42.70 0.32 0.00	46.08 0.36 0.00	50.92 0.10 0.00	58.77 0.27 0.00	39.65 0.15 0.00	34.49 0.14 0.00	34.81 0.09 0.00	30.57 0.09 0.00	27.62 0.14 0.00
V_CMP_10_SYNC_DSASP 323788	26.17 0.69 0.00	26.31 0.85 0.00	25.27 0.83 0.00	26.34 0.76 0.00	26.01 0.84 0.00	26.27 0.82 0.00	118.33 1.87 0.00	56.22 1.48 0.00	24.20 0.42 0.00	18.42 0.56 0.00	20.92 0.55 0.00	20.06 0.61 0.00	22.21 0.68 0.00	19.46 0.59 0.00	25.74 0.86 0.00	43.54 1.16 0.00	46.78 1.06 0.00	51.87 1.05 0.00	59.45 0.95 0.00	40.00 0.51 0.00	34.97 0.62 0.00	35.20 0.48 0.00	30.85 0.37 0.00	27.96 0.48 0.00
V_D_10_SYNC_DSASP 323841	25.81 0.33 0.00	25.83 0.36 0.00	24.76 0.31 0.00	25.88 0.30 0.00	25.49 0.33 0.00	25.78 0.33 0.00	117.45 0.99 0.00	55.37 0.63 0.00	23.99 0.21 0.00	18.07 0.21 0.00	20.57 0.20 0.00	19.67 0.22 0.00	21.76 0.24 0.00	19.12 0.25 0.00	25.24 0.36 0.00	42.88 0.50 0.00	46.27 0.55 0.00	51.14 0.32 0.00	59.01 0.50 0.00	39.80 0.31 0.00	34.62 0.27 0.00	34.94 0.22 0.00	30.69 0.21 0.00	27.72 0.24 0.00
V_E_10_SYNC_DSASP 323830	27.45 1.97 0.00	27.36 1.89 0.00	26.36 1.92 0.00	27.61 2.03 0.00	27.26 2.09 0.00	27.80 2.36 0.00	129.27 12.82 0.00	60.40 5.65 0.00	25.83 2.05 0.00	19.14 1.28 0.00	21.75 1.38 0.00	20.83 1.38 0.00	22.95 1.43 0.00	20.06 1.19 0.00	26.37 1.49 0.00	45.53 3.15 0.00	49.75 4.03 0.00	55.34 4.52 0.00	63.40 4.90 0.00	42.62 3.13 0.00	36.83 2.49 0.00	36.75 2.03 0.00	31.99 1.50 0.00	28.86 1.38 0.00
V_F_30_NSYNC___DSASP 323816	26.44 0.96 0.00	26.45 0.99 0.00	25.42 0.97 0.00	26.65 1.07 0.00	26.21 1.04 0.00	26.50 1.05 0.00	121.53 5.07 0.00	57.23 2.49 0.00	24.71 0.93 0.00	18.39 0.53 0.00	21.00 0.62 0.00	19.99 0.54 0.00	22.16 0.63 0.00	19.50 0.62 0.00	25.83 0.95 0.00	44.20 1.82 0.00	47.70 1.98 0.00	53.45 2.62 0.00	61.49 2.98 0.00	41.54 2.04 0.00	36.06 1.72 0.00	36.45 1.74 0.00	32.04 1.55 0.00	28.84 1.36 0.00



V_F_30_SYNC_DSASP 323786	25.73 0.25 0.00	25.74 0.27 0.00	24.72 0.28 0.00	25.92 0.33 0.00	25.45 0.28 0.00	25.67 0.23 0.00	117.64 1.18 0.00	55.52 0.78 0.00	24.10 0.32 0.00	18.02 0.17 0.00	20.69 0.32 0.00	19.71 0.26 0.00	21.86 0.33 0.00	19.20 0.33 0.00	25.31 0.43 0.00	43.18 0.80 0.00	46.49 0.76 0.00	52.06 1.23 0.00	59.76 1.26 0.00	40.37 0.87 0.00	35.10 0.75 0.00	35.49 0.76 0.00	31.18 0.70 0.00	28.07 0.59 0.00
V_XM_10_SYNC_DSASP 323789	26.17 0.69 0.00	26.31 0.85 0.00	25.27 0.83 0.00	26.34 0.76 0.00	26.01 0.84 0.00	26.27 0.82 0.00	118.33 1.87 0.00	56.22 1.48 0.00	24.20 0.42 0.00	18.42 0.56 0.00	20.92 0.55 0.00	20.06 0.61 0.00	22.21 0.68 0.00	19.46 0.59 0.00	25.74 0.86 0.00	43.54 1.16 0.00	46.78 1.06 0.00	51.87 1.05 0.00	59.45 0.95 0.00	40.00 0.51 0.00	34.97 0.62 0.00	35.20 0.48 0.00	30.85 0.37 0.00	27.96 0.48 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	26.55 1.07 0.00	26.43 0.96 0.00	25.41 0.97 0.00	26.61 1.02 0.00	26.10 0.93 0.00	26.35 0.91 0.00	121.18 4.72 0.00	56.98 2.23 0.00	24.88 1.10 0.00	18.76 0.90 0.00	21.36 0.98 0.00	20.34 0.88 0.00	22.65 1.12 0.00	19.78 0.91 0.00	26.05 1.17 0.00	43.31 1.84 0.90	47.78 2.06 0.00	53.39 2.57 0.00	61.12 2.62 0.00	41.23 1.73 0.00	35.94 1.60 0.00	36.43 1.71 0.00	32.08 1.59 0.00	28.92 1.44 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	26.62 1.15 0.00	26.49 1.02 0.00	25.48 1.03 0.00	26.65 1.06 0.00	26.15 0.98 0.00	26.43 0.98 0.00	121.48 5.02 0.00	57.13 2.39 0.00	33.93 1.22 -8.93	27.24 0.97 -8.41	29.38 1.09 -7.92	31.80 1.00 -11.35	33.24 1.22 -10.49	30.03 1.00 -10.16	31.18 1.32 -4.98	45.03 2.09 -0.55	48.00 2.28 0.00	53.61 2.78 0.00	61.37 2.86 0.00	41.41 1.92 0.00	36.11 1.77 0.00	36.56 1.84 0.00	32.20 1.72 0.00	29.03 1.55 0.00
W50THST__13_KV_LOAD 356117	26.82 1.34 0.00	26.67 1.21 0.00	25.65 1.21 0.00	26.83 1.24 0.00	26.34 1.17 0.00	26.63 1.19 0.00	122.41 5.96 0.00	57.60 2.85 0.00	34.16 1.45 -8.93	27.43 1.16 -8.41	29.60 1.31 -7.92	32.01 1.21 -11.35	33.47 1.45 -10.49	30.23 1.20 -10.16	31.45 1.59 -4.98	45.49 2.55 -0.55	48.47 2.75 0.00	54.13 3.30 0.00	61.91 3.41 0.00	41.75 2.25 0.00	36.40 2.05 0.00	36.84 2.12 0.00	32.43 1.95 0.00	29.22 1.74 0.00
WADING RIVER_IC_1 23522	25.83 0.35 0.00	25.64 0.18 0.00	24.76 0.32 0.00	25.99 0.41 0.00	25.13 -0.04 0.00	25.24 -0.21 0.00	116.42 -0.03 0.00	54.97 0.22 0.00	23.65 0.77 0.90	17.64 0.62 0.85	19.87 0.30 0.80	-0.45 0.41 20.32	-7.20 0.62 29.34	1.32 0.56 18.11	43.95 1.63 -17.43	45.48 2.46 -0.65	48.13 2.40 0.00	51.68 0.85 0.00	59.44 0.93 0.00	40.99 1.50 0.00	36.31 1.96 0.00	36.31 1.59 0.00	40.82 1.79 -8.54	38.41 1.73 -9.20
WADING RIVER_IC_2 23547	25.83 0.35 0.00	25.64 0.18 0.00	24.76 0.32 0.00	25.99 0.41 0.00	25.13 -0.04 0.00	25.24 -0.21 0.00	116.42 -0.03 0.00	54.97 0.22 0.00	23.65 0.77 0.90	17.64 0.62 0.85	19.87 0.30 0.80	-0.45 0.41 20.32	-7.20 0.62 29.34	1.32 0.56 18.11	43.95 1.63 -17.43	45.48 2.46 -0.65	48.13 2.40 0.00	51.68 0.85 0.00	59.44 0.93 0.00	40.99 1.50 0.00	36.31 1.96 0.00	36.31 1.59 0.00	40.82 1.79 -8.54	38.41 1.73 -9.20
WADING RIVER_IC_3 23601	25.83 0.35 0.00	25.64 0.18 0.00	24.76 0.32 0.00	25.99 0.41 0.00	25.13 -0.04 0.00	25.24 -0.21 0.00	116.42 -0.03 0.00	54.97 0.22 0.00	23.65 0.77 0.90	17.64 0.62 0.85	19.87 0.30 0.80	-0.45 0.41 20.32	-7.20 0.62 29.34	1.32 0.56 18.11	43.95 1.63 -17.43	45.48 2.46 -0.65	48.13 2.40 0.00	51.68 0.85 0.00	59.44 0.93 0.00	40.99 1.50 0.00	36.31 1.96 0.00	36.31 1.59 0.00	40.82 1.79 -8.54	38.41 1.73 -9.20
WALDENNY_12_KV_BK2 80841	25.55 0.08 0.00	25.72 0.25 0.00	24.56 0.11 0.00	25.44 -0.15 0.00	25.18 0.02 0.00	25.62 0.18 0.00	116.58 0.13 0.00	53.81 -0.93 0.00	23.64 -0.14 0.00	17.82 -0.04 0.00	20.41 0.04 0.00	19.66 0.20 0.00	21.54 0.01 0.00	18.48 -0.38 0.00	24.11 -0.77 0.00	40.47 -1.91 0.00	43.44 -2.29 0.00	47.66 -3.16 0.00	54.19 -4.31 0.00	36.59 -2.91 0.00	31.75 -2.60 0.00	32.03 -2.69 0.00	28.17 -2.32 0.00	25.58 -1.90 0.00
WALDEN__HYDRO 24148	26.52 1.04 0.00	26.40 0.94 0.00	25.38 0.94 0.00	26.58 1.00 0.00	26.09 0.93 0.00	26.37 0.92 0.00	121.26 4.80 0.00	56.96 2.22 0.00	24.82 1.04 0.00	18.69 0.82 0.00	21.27 0.90 0.00	20.26 0.81 0.00	22.52 0.99 0.00	19.68 0.81 0.00	25.95 1.07 0.00	43.93 1.76 0.20	47.73 2.00 0.00	53.37 2.54 0.00	61.13 2.63 0.00	41.27 1.77 0.00	35.95 1.61 0.00	36.41 1.69 0.00	32.01 1.53 0.00	28.84 1.37 0.00
WARRENSBURG____ 23737	26.31 0.83 0.00	26.36 0.90 0.00	25.36 0.91 0.00	26.57 0.99 0.00	26.16 1.00 0.00	26.46 1.02 0.00	121.62 5.16 0.00	57.36 2.62 0.00	24.68 0.90 0.00	18.32 0.46 0.00	20.88 0.51 0.00	19.82 0.37 0.00	21.98 0.46 0.00	19.38 0.51 0.00	25.66 0.78 0.00	43.84 1.46 0.00	47.42 1.69 0.00	53.28 2.46 0.00	61.37 2.87 0.00	41.45 1.96 0.00	35.90 1.56 0.00	36.25 1.53 0.00	32.04 1.56 0.00	28.82 1.34 0.00
WATERSIDE____6 8 9 23538	26.64 1.16 0.00	26.50 1.03 0.00	25.49 1.04 0.00	26.65 1.07 0.00	26.16 1.00 0.00	26.44 1.00 0.00	121.39 4.94 0.00	57.13 2.39 0.00	42.21 1.17 -17.26	35.03 0.93 -16.24	36.73 1.05 -15.30	42.33 0.96 -21.92	42.96 1.17 -20.27	39.46 0.95 -19.63	35.78 1.28 -9.62	45.02 2.05 -0.59	47.99 2.26 0.00	53.64 2.81 0.00	61.35 2.85 0.00	41.41 1.92 0.00	36.12 1.77 0.00	36.57 1.85 0.00	32.21 1.73 0.00	29.02 1.55 0.00
WATKINRD_115KV_LN8_ILLION 55919	25.58 0.10 0.00	25.56 0.09 0.00	24.55 0.10 0.00	25.71 0.13 0.00	25.30 0.13 0.00	25.59 0.14 0.00	117.55 1.09 0.00	55.29 0.55 0.00	23.84 0.06 0.00	17.76 -0.10 0.00	20.28 -0.09 0.00	19.34 -0.10 0.00	21.42 -0.11 0.00	18.81 -0.07 0.00	24.81 -0.07 0.00	42.57 0.20 0.00	46.03 0.30 0.00	51.51 0.68 0.00	59.18 0.68 0.00	39.92 0.43 0.00	34.61 0.26 0.00	35.00 0.28 0.00	30.72 0.23 0.00	27.66 0.18 0.00
WATSON__69_KV_BK 1 55734	26.74 1.27 0.00	26.55 1.09 0.00	25.57 1.13 0.00	26.75 1.16 0.00	26.02 0.86 0.00	26.15 0.71 0.00	119.96 3.50 0.00	56.38 1.63 0.00	24.18 1.30 0.90	18.08 1.07 0.85	20.65 1.07 0.80	21.54 1.07 -1.02	25.03 1.37 -2.13	20.92 1.15 -0.91	44.26 1.95 -17.43	45.90 2.87 -0.65	48.48 2.76 0.00	53.19 2.36 0.00	61.25 2.75 0.00	41.80 2.31 0.00	36.80 2.46 0.00	37.06 2.34 0.00	41.66 2.63 -8.54	39.08 2.41 -9.20
WDELAWARE__HYD 323627	26.79 1.31 0.00	26.68 1.22 0.00	25.64 1.19 0.00	26.85 1.27 0.00	26.37 1.20 0.00	26.68 1.23 0.00	122.77 6.32 0.00	57.67 2.93 0.00	25.07 1.29 0.00	18.81 0.95 0.00	21.34 0.97 0.00	20.31 0.86 0.00	22.61 1.08 0.00	19.76 0.89 0.00	26.09 1.21 0.00	44.36 2.14 0.16	48.27 2.54 0.00	54.00 3.18 0.00	61.89 3.39 0.00	41.77 2.28 0.00	36.39 2.05 0.00	36.81 2.09 0.00	32.34 1.85 0.00	29.12 1.65 0.00



WEST BABYLON___IC 23714	26.79 1.31 0.00	26.59 1.12 0.00	25.59 1.15 0.00	26.77 1.19 0.00	26.07 0.91 0.00	26.21 0.77 0.00	120.25 3.79 0.00	56.52 1.78 0.00	24.19 1.31 0.90	18.09 1.08 0.85	20.69 1.12 0.80	19.40 1.10 1.14	21.85 1.39 1.05	18.98 1.13 1.02	44.19 1.87 -17.43	45.75 2.73 -0.65	48.34 2.61 0.00	53.21 2.39 0.00	61.21 2.70 0.00	41.72 2.22 0.00	36.71 2.37 0.00	37.02 2.30 0.00	41.63 2.61 -8.54	39.05 2.37 -9.20
WEST CANADA___HYD 24049	25.51 0.04 0.00	25.49 0.03 0.00	24.48 0.04 0.00	25.63 0.05 0.00	25.20 0.04 0.00	25.49 0.04 0.00	116.78 0.33 0.00	54.86 0.12 0.00	23.83 0.05 0.00	17.87 0.01 0.00	20.39 0.02 0.00	19.47 0.02 0.00	21.55 0.02 0.00	18.89 0.02 0.00	24.90 0.03 0.00	42.46 0.08 0.00	45.82 0.10 0.00	51.03 0.20 0.00	58.69 0.19 0.00	39.65 0.15 0.00	34.45 0.10 0.00	34.83 0.10 0.00	30.58 0.09 0.00	27.54 0.06 0.00
WESTERN_NY_WIND 24143	25.54 0.07 0.00	25.70 0.24 0.00	24.57 0.12 0.00	25.47 -0.12 0.00	25.24 0.08 0.00	25.74 0.30 0.00	117.11 0.65 0.00	54.31 -0.43 0.00	23.76 -0.03 0.00	17.76 -0.09 0.00	20.23 -0.14 0.00	19.42 -0.03 0.00	21.32 -0.20 0.00	18.35 -0.52 0.00	24.06 -0.82 0.00	40.55 -1.83 0.00	44.09 -1.63 0.00	48.67 -2.15 0.00	55.39 -3.11 0.00	37.44 -2.06 0.00	32.49 -1.85 0.00	32.72 -2.01 0.00	28.74 -1.75 0.00	26.02 -1.46 0.00
WESTOVER___LESR 323668	26.19 0.72 0.00	26.06 0.60 0.00	25.02 0.58 0.00	26.15 0.57 0.00	25.72 0.55 0.00	25.94 0.50 0.00	120.19 3.74 0.00	55.87 1.12 0.00	24.27 0.48 0.00	18.29 0.43 0.00	20.86 0.49 0.00	20.01 0.56 0.00	22.06 0.54 0.00	19.24 0.37 0.00	25.11 0.23 0.00	42.49 0.12 0.00	45.81 0.09 0.00	50.98 0.16 0.00	58.54 0.04 0.00	39.37 -0.13 0.00	34.14 -0.20 0.00	34.54 -0.18 0.00	30.25 -0.23 0.00	27.29 -0.19 0.00
WETHRSFD_WT_PWR 323626	25.41 -0.06 0.00	25.50 0.03 0.00	24.41 -0.04 0.00	25.32 -0.27 0.00	24.88 -0.28 0.00	25.23 -0.22 0.00	115.43 -1.03 0.00	53.52 -1.23 0.00	23.39 -0.39 0.00	17.53 -0.33 0.00	20.08 -0.29 0.00	19.37 -0.08 0.00	21.28 -0.25 0.00	18.33 -0.54 0.00	23.87 -1.02 0.00	40.27 -2.12 0.00	43.35 -2.37 0.00	47.33 -3.49 0.00	53.75 -4.75 0.00	36.12 -3.38 0.00	31.25 -3.09 0.00	31.67 -3.05 0.00	27.73 -2.76 0.00	25.09 -2.39 0.00
WHAVSTOR_138KV_BK127 55557	26.44 0.97 0.00	26.32 0.85 0.00	25.32 0.87 0.00	26.50 0.91 0.00	25.98 0.82 0.00	26.24 0.79 0.00	120.58 4.12 0.00	56.69 1.95 0.00	24.76 0.98 0.00	18.66 0.80 0.00	21.24 0.87 0.00	20.22 0.77 0.00	22.54 1.01 0.00	19.68 0.81 0.00	25.93 1.05 0.00	43.07 1.62 0.92	47.52 1.80 0.00	53.13 2.30 0.00	60.82 2.31 0.00	41.03 1.53 0.00	35.78 1.43 0.00	36.27 1.54 0.00	31.95 1.46 0.00	28.81 1.33 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	26.44 0.97 0.00	26.32 0.85 0.00	25.32 0.87 0.00	26.50 0.91 0.00	25.98 0.82 0.00	26.24 0.79 0.00	120.58 4.12 0.00	56.69 1.95 0.00	24.76 0.98 0.00	18.66 0.80 0.00	21.24 0.87 0.00	20.22 0.77 0.00	22.54 1.01 0.00	19.68 0.81 0.00	25.93 1.05 0.00	43.07 1.62 0.92	47.52 1.80 0.00	53.13 2.30 0.00	60.82 2.31 0.00	41.03 1.53 0.00	35.78 1.43 0.00	36.27 1.54 0.00	31.95 1.46 0.00	28.81 1.33 0.00
WHITEHAL_115KV_TB1 80871	26.79 1.32 0.00	27.06 1.60 0.00	26.07 1.63 0.00	27.28 1.69 0.00	26.90 1.74 0.00	27.21 1.77 0.00	125.68 9.22 0.00	59.53 4.78 0.00	25.42 1.63 0.00	18.71 0.85 0.00	21.26 0.89 0.00	20.16 0.70 0.00	22.38 0.85 0.00	19.95 1.08 0.00	26.37 1.49 0.00	44.65 2.27 0.00	48.29 2.57 0.00	54.64 3.81 0.00	63.25 4.75 0.00	42.84 3.35 0.00	36.68 2.33 0.00	37.02 2.30 0.00	33.03 2.54 0.00	29.77 2.29 0.00
WHITEPLN_13_KV_LOAD 356215	26.76 1.28 0.00	26.62 1.16 0.00	25.60 1.15 0.00	26.79 1.20 0.00	26.28 1.11 0.00	26.57 1.12 0.00	122.21 5.75 0.00	57.50 2.76 0.00	25.13 1.35 0.00	18.94 1.08 0.00	21.58 1.21 0.00	20.56 1.11 0.00	22.87 1.34 0.00	19.97 1.10 0.00	26.34 1.46 0.00	45.28 2.35 -0.55	48.31 2.59 0.00	54.00 3.18 0.00	61.81 3.31 0.00	41.71 2.21 0.00	36.36 2.01 0.00	36.80 2.07 0.00	32.38 1.90 0.00	29.17 1.70 0.00
WM_FLOYD_69_KV_BK2 356380	26.19 0.71 0.00	25.99 0.53 0.00	25.06 0.61 0.00	26.27 0.68 0.00	25.47 0.30 0.00	25.57 0.13 0.00	117.67 1.21 0.00	55.48 0.74 0.00	23.81 0.93 0.90	17.77 0.76 0.85	20.14 0.57 0.80	-21.46 0.65 41.56	-38.25 0.90 60.68	-17.40 0.77 37.04	43.99 1.68 -17.43	45.55 2.53 -0.65	48.19 2.47 0.00	52.29 1.47 0.00	60.14 1.63 0.00	41.26 1.76 0.00	36.43 2.09 0.00	36.55 1.83 0.00	41.14 2.11 -8.54	38.65 1.98 -9.20
WOODARD___115KV_TB2 355635	25.03 -0.45 0.00	25.02 -0.44 0.00	24.02 -0.43 0.00	25.11 -0.48 0.00	24.73 -0.43 0.00	25.05 -0.40 0.00	114.68 -1.78 0.00	53.82 -0.92 0.00	23.40 -0.38 0.00	17.54 -0.32 0.00	20.02 -0.36 0.00	19.12 -0.33 0.00	21.12 -0.41 0.00	18.48 -0.39 0.00	24.37 -0.50 0.00	41.66 -0.71 0.00	45.04 -0.69 0.00	50.14 -0.69 0.00	57.57 -0.93 0.00	38.85 -0.65 0.00	33.77 -0.57 0.00	34.13 -0.59 0.00	29.92 -0.57 0.00	26.94 -0.54 0.00
YORK___WARBASSE 23770	26.74 1.26 0.00	26.62 1.16 0.00	25.59 1.15 0.00	26.78 1.20 0.00	26.28 1.11 0.00	26.57 1.13 0.00	121.97 5.51 0.00	57.30 2.55 0.00	42.27 1.23 -17.26	35.03 0.93 -16.24	36.71 1.04 -15.30	42.35 0.97 -21.92	42.97 1.18 -20.27	39.48 0.98 -19.63	35.82 1.32 -9.62	45.12 2.16 -0.59	48.08 2.36 0.00	53.80 2.97 0.00	61.53 3.03 0.00	41.57 2.07 0.00	36.31 1.96 0.00	36.78 2.05 0.00	32.38 1.90 0.00	29.16 1.69 0.00