

# Day Ahead Market Generator LBMP

		--- LBMP \$										--- Marginal Cost of Losses										--- Marginal Cost of Congestion												
Generator Data																												04/08/2024						
Name		00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00									
PTID		EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT									
59TH STREET_GT_1		25.44	24.40	23.64	23.23	24.40	27.29	38.30	44.12	38.94	38.06	35.46	35.43	35.41	35.39	35.30	35.00	35.19	35.04	37.88	39.88	42.89	34.52	28.83	26.25									
24138		1.37	1.32	1.30	1.21	1.27	1.45	2.31	2.57	2.00	1.37	1.35	1.22	1.20	1.22	1.47	1.85	1.71	1.74	2.31	2.59	2.55	2.13	1.78	1.59									
		0.00	0.00	0.00	0.00	0.00	0.00	-4.76	-9.86	-7.14	-13.92	-12.73	-14.93	-15.45	-15.46	-10.91	-5.13	-9.79	-8.43	-5.95	-6.42	-8.44	-2.75	-0.01	-0.91									
74TH STREET_GT_1		25.49	24.38	23.60	23.21	24.40	27.24	38.31	44.13	39.14	38.25	35.66	35.67	35.66	35.64	35.45	35.13	35.32	35.13	37.76	39.89	42.97	34.48	28.79	26.20									
24260		1.42	1.29	1.25	1.19	1.27	1.40	2.22	2.38	2.06	1.28	1.28	1.16	1.14	1.16	1.40	1.88	1.63	1.67	2.07	2.47	2.46	2.04	1.76	1.52									
		0.00	0.00	0.00	0.00	0.00	0.00	-4.86	-10.06	-7.29	-14.20	-12.99	-15.23	-15.76	-15.77	-11.13	-5.23	-9.99	-8.60	-6.07	-6.55	-8.61	-2.81	0.00	-0.93									
74TH STREET_GT_2		25.49	24.38	23.60	23.21	24.40	27.24	38.31	44.13	39.14	38.25	35.66	35.67	35.66	35.64	35.45	35.13	35.32	35.13	37.76	39.89	42.97	34.48	28.79	26.20									
24261		1.42	1.29	1.25	1.19	1.27	1.40	2.22	2.38	2.06	1.28	1.28	1.16	1.14	1.16	1.40	1.88	1.63	1.67	2.07	2.47	2.46	2.04	1.76	1.52									
		0.00	0.00	0.00	0.00	0.00	0.00	-4.86	-10.06	-7.29	-14.20	-12.99	-15.23	-15.76	-15.77	-11.13	-5.23	-9.99	-8.60	-6.07	-6.55	-8.61	-2.81	0.00	-0.93									
ADK HUDSON___FALLS		24.70	23.64	22.90	22.55	23.82	26.70	32.60	33.25	30.78	23.09	21.56	19.43	18.95	18.88	23.33	29.06	24.23	25.41	30.66	32.26	33.36	30.64	27.82	24.37									
24011		0.63	0.55	0.56	0.53	0.69	0.85	1.37	1.55	0.98	0.32	0.17	0.15	0.19	0.17	0.41	1.04	0.54	0.55	1.04	1.39	1.47	1.01	0.78	0.62									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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		24.70	23.71	22.95	22.59	23.89	26.80	32.73	33.40	30.87	23.11	21.58	19.45	18.95	18.88	23.38	29.09	24.26	25.46	30.83	32.38	33.52	30.69	27.93	24.44									
23798		0.62	0.62	0.60	0.57	0.76	0.96	1.50	1.71	1.07	0.34	0.19	0.17	0.19	0.17	0.46	1.06	0.57	0.60	1.21	1.51	1.63	1.07	0.89	0.69									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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		24.70	23.64	22.90	22.55	23.82	26.70	32.60	33.25	30.78	23.09	21.56	19.43	18.95	18.88	23.33	29.06	24.23	25.41	30.66	32.26	33.36	30.64	27.82	24.37									
24028		0.63	0.55	0.56	0.53	0.69	0.85	1.37	1.55	0.98	0.32	0.17	0.15	0.19	0.17	0.41	1.04	0.54	0.55	1.04	1.39	1.47	1.01	0.78	0.62									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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		24.48	23.50	22.86	22.42	23.66	26.44	32.20	32.77	30.39	22.95	21.62	19.51	19.06	19.07	23.42	28.92	24.38	25.39	30.66	32.29	33.20	30.40	27.63	24.27									
23527		0.41	0.42	0.51	0.40	0.53	0.59	0.97	1.08	0.60	0.18	0.24	0.23	0.30	0.35	0.50	0.90	0.69	0.52	1.04	1.42	1.31	0.77	0.59	0.52									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00									
AIR_PRODUCTS___DRP		24.07	23.02	22.35	21.98	23.13	25.85	31.42	31.98	29.83	22.57	21.19	19.14	18.80	18.77	23.03	28.36	23.88	24.94	29.92	31.46	32.41	29.87	27.17	23.87									
24190		0.00	-0.07	0.00	-0.04	0.00	0.00	0.19	0.29	0.03	-0.20	-0.19	-0.13	0.04	0.06	0.11	0.34	0.19	0.07	0.30	0.59	0.51	0.24	0.14	0.12									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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		24.07	23.09	22.32	22.02	23.13	25.85	30.86	31.22	29.62	22.73	21.36	19.24	18.72	18.66	22.78	27.91	23.59	24.79	29.50	30.44	31.39	29.36	26.90	23.65									
355683		0.00	0.00	-0.02	0.00	0.00	0.00	-0.37	-0.48	-0.18	-0.05	-0.02	-0.04	-0.04	-0.06	-0.14	-0.11	-0.09	-0.07	-0.12	-0.43	-0.51	-0.27	-0.14	-0.09									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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		24.48	23.52	22.82	22.44	23.64	26.44	32.14	32.64	30.22	22.75	21.26	19.16	18.72	18.68	23.06	28.61	24.00	25.19	30.36	31.86	32.89	30.31	27.61	24.25									
323833		0.41	0.44	0.47	0.42	0.51	0.59	0.91	0.95	0.42	-0.02	-0.13	-0.11	-0.04	-0.04	0.14	0.59	0.31	0.32	0.74	0.99	0.99	0.68	0.57	0.50									
		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									
ALBANY_2_SOLAR		24.48	23.52	22.79	22.44	23.64	26.41	32.14	32.64	30.22	22.75	21.26	19.16	18.72	18.68	23.06	28.61	24.00	25.16	30.36	31.83	32.85	30.31	27.61	24.25									
323834		0.41	0.44	0.45	0.42	0.51	0.57	0.91	0.95	0.42	-0.02	-0.13	-0.11	-0.04	-0.04	0.14	0.59	0.31	0.30	0.74	0.96	0.96	0.68	0.57	0.50									
		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									
ALBANY___1		24.07	23.02	22.35	21.98	23.13	25.85	31.42	31.98	29.83	22.57	21.19	19.14	18.80	18.77	23.03	28.36	23.88	24.94	29.92	31.46	32.41	29.87	27.17	23.87									
23571		0.00	-0.07	0.00	-0.04	0.00	0.00	0.19	0.29	0.03	-0.20	-0.19	-0.13	0.04	0.06	0.11	0.34	0.19	0.07	0.30	0.59	0.51	0.24	0.14	0.12									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	24.07 0.00 0.00	23.02 -0.07 0.00	22.35 0.00 0.00	21.98 -0.04 0.00	23.13 0.00 0.00	25.85 0.00 0.00	31.42 0.19 0.00	31.98 0.29 0.00	29.83 0.03 0.00	22.57 -0.20 0.00	21.19 -0.19 0.00	19.14 -0.13 0.00	18.80 0.04 0.00	18.77 0.06 0.00	23.03 0.11 0.00	28.36 0.34 0.00	23.88 0.19 0.00	24.94 0.07 0.00	29.92 0.30 0.00	31.46 0.59 0.00	32.41 0.51 0.00	29.87 0.24 0.00	27.17 0.14 0.00	23.87 0.12 0.00
ALBANY___3 23573	24.07 0.00 0.00	23.02 -0.07 0.00	22.35 0.00 0.00	21.98 -0.04 0.00	23.13 0.00 0.00	25.85 0.00 0.00	31.42 0.19 0.00	31.98 0.29 0.00	29.83 0.03 0.00	22.57 -0.20 0.00	21.19 -0.19 0.00	19.14 -0.13 0.00	18.80 0.04 0.00	18.77 0.06 0.00	23.03 0.11 0.00	28.36 0.34 0.00	23.88 0.19 0.00	24.94 0.07 0.00	29.92 0.30 0.00	31.46 0.59 0.00	32.41 0.51 0.00	29.87 0.24 0.00	27.17 0.14 0.00	23.87 0.12 0.00
ALBANY___4 23574	24.07 0.00 0.00	23.02 -0.07 0.00	22.35 0.00 0.00	21.98 -0.04 0.00	23.13 0.00 0.00	25.85 0.00 0.00	31.42 0.19 0.00	31.98 0.29 0.00	29.83 0.03 0.00	22.57 -0.20 0.00	21.19 -0.19 0.00	19.14 -0.13 0.00	18.80 0.04 0.00	18.77 0.06 0.00	23.03 0.11 0.00	28.36 0.34 0.00	23.88 0.19 0.00	24.94 0.07 0.00	29.92 0.30 0.00	31.46 0.59 0.00	32.41 0.51 0.00	29.87 0.24 0.00	27.17 0.14 0.00	23.87 0.12 0.00
ALBANY___LFGE 323615	24.17 0.10 0.00	23.20 0.12 0.00	22.52 0.18 0.00	22.16 0.13 0.00	23.31 0.18 0.00	26.08 0.23 0.00	31.70 0.47 0.00	32.26 0.57 0.00	29.98 0.18 0.00	22.70 -0.07 0.00	21.32 -0.06 0.00	19.26 -0.02 0.00	18.89 0.13 0.00	18.86 0.15 0.00	23.17 0.25 0.00	28.53 0.50 0.00	24.04 0.36 0.00	25.14 0.27 0.00	30.24 0.62 0.00	31.71 0.83 0.00	32.69 0.80 0.00	30.10 0.47 0.00	27.39 0.35 0.00	24.06 0.31 0.00
ALCOA_PA_115KV_PL-6C 55860	24.17 0.10 0.00	23.20 0.12 0.00	22.43 0.09 0.00	22.13 0.11 0.00	23.25 0.12 0.00	25.98 0.13 0.00	31.01 -0.22 0.00	31.38 -0.32 0.00	29.74 -0.06 0.00	22.80 0.02 0.00	21.43 0.04 0.00	19.28 0.00 0.00	18.78 0.02 0.00	18.70 -0.02 0.00	22.80 -0.11 0.00	27.97 -0.06 0.00	23.62 -0.07 0.00	24.84 -0.02 0.00	29.56 -0.06 0.00	30.50 -0.37 0.00	31.45 -0.45 0.00	29.42 -0.21 0.00	26.96 -0.08 0.00	23.75 0.00 0.00
ALCOA_RYNLDS___DRP 24188	24.17 0.10 0.00	23.20 0.12 0.00	22.43 0.09 0.00	22.13 0.11 0.00	23.25 0.12 0.00	25.98 0.13 0.00	31.01 -0.22 0.00	31.38 -0.32 0.00	29.74 -0.06 0.00	22.80 0.02 0.00	21.43 0.04 0.00	19.28 0.00 0.00	18.78 0.02 0.00	18.70 -0.02 0.00	22.80 -0.11 0.00	27.97 -0.06 0.00	23.62 -0.07 0.00	24.84 -0.02 0.00	29.56 -0.06 0.00	30.50 -0.37 0.00	31.45 -0.45 0.00	29.42 -0.21 0.00	26.96 -0.08 0.00	23.75 0.00 0.00
ALCOA___DSASP 323711	24.17 0.10 0.00	23.20 0.12 0.00	22.44 0.09 0.00	22.13 0.11 0.00	23.25 0.12 0.00	25.98 0.13 0.00	31.01 -0.22 0.00	31.28 -0.41 0.00	29.83 0.03 0.00	22.80 0.02 0.00	21.43 0.04 0.00	19.28 0.00 0.00	18.78 0.02 0.00	18.70 -0.02 0.00	22.80 -0.11 0.00	27.94 -0.08 0.00	23.62 -0.07 0.00	24.84 -0.02 0.00	29.44 -0.18 0.00	30.50 -0.37 0.00	31.45 -0.45 0.00	29.54 -0.09 0.00	26.96 -0.08 0.00	23.75 0.00 0.00
ALLEGHENY___COGEN 23514	25.61 1.54 0.00	24.47 1.39 0.00	23.55 1.21 0.00	23.30 1.28 0.00	24.42 1.29 0.00	27.29 1.45 0.00	33.01 1.78 0.00	33.63 1.93 0.00	30.93 1.13 0.00	23.52 0.75 0.00	21.85 0.47 0.00	19.68 0.41 0.00	18.99 0.23 0.00	18.90 0.19 0.00	23.12 0.21 0.00	28.17 0.14 0.00	24.04 0.36 0.00	25.51 0.65 0.00	30.36 0.74 0.00	32.07 1.20 0.00	33.78 1.88 0.00	30.84 1.22 0.00	28.39 1.35 0.00	24.86 1.12 0.00
ALTAMONT_115KV_TB 2 55880	24.43 0.36 0.00	23.39 0.30 0.00	22.68 0.34 0.00	22.31 0.29 0.00	23.48 0.35 0.00	26.23 0.39 0.00	31.95 0.72 0.00	32.45 0.76 0.00	30.31 0.51 0.00	22.95 0.18 0.00	21.56 0.17 0.00	19.47 0.19 0.00	18.99 0.23 0.00	18.96 0.24 0.00	23.24 0.32 0.00	28.61 0.59 0.00	24.11 0.43 0.00	25.26 0.40 0.00	30.24 0.62 0.00	31.74 0.86 0.00	32.73 0.83 0.00	30.22 0.59 0.00	27.50 0.46 0.00	24.15 0.40 0.00
ALTONA_WT_PWR 323606	24.86 0.79 0.00	23.82 0.74 0.00	22.97 0.62 0.00	22.62 0.59 0.00	23.71 0.58 0.00	26.44 0.59 0.00	31.01 -0.22 0.00	30.65 -1.05 0.00	30.13 0.33 0.00	23.59 0.82 0.00	22.30 0.92 0.00	20.09 0.81 0.00	19.53 0.77 0.00	19.39 0.67 0.00	23.58 0.67 0.00	28.95 0.92 0.00	24.47 0.78 0.00	25.81 0.94 0.00	30.42 0.80 0.00	31.43 0.56 0.00	32.09 0.19 0.00	30.04 0.41 0.00	27.28 0.24 0.00	23.99 0.24 0.00
AMERICAN_REF_FUEL 24010	23.66 -0.41 0.00	22.67 -0.41 0.00	21.81 -0.54 0.00	21.71 -0.31 0.00	22.57 -0.56 0.00	25.02 -0.83 0.00	29.45 -1.78 0.00	29.98 -1.71 0.00	28.37 -1.43 0.00	22.27 -0.50 0.00	20.85 -0.53 0.00	18.84 -0.44 0.00	18.10 -0.66 0.00	18.04 -0.67 0.00	21.93 -0.98 0.00	26.43 -1.60 0.00	22.50 -1.18 0.00	23.72 -1.14 0.00	27.37 -2.25 0.00	28.43 -2.44 0.00	30.01 -1.88 0.00	27.53 -2.10 0.00	25.90 -1.13 0.00	22.99 -0.76 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	24.86 0.79 0.00	23.78 0.69 0.00	22.88 0.54 0.00	22.73 0.70 0.00	23.71 0.58 0.00	26.26 0.41 0.00	31.20 -0.03 0.00	31.85 0.16 0.00	30.01 0.21 0.00	23.50 0.73 0.00	22.07 0.68 0.00	19.99 0.71 0.00	19.23 0.47 0.00	19.20 0.49 0.00	23.38 0.46 0.00	28.08 0.06 0.00	24.02 0.33 0.00	25.44 0.57 0.00	29.47 -0.15 0.00	30.59 -0.28 0.00	32.15 0.25 0.00	29.45 -0.18 0.00	27.52 0.49 0.00	24.36 0.62 0.00
ARTHUR KILL_GT_1 23520	25.76 1.68 0.00	24.68 1.59 0.00	23.89 1.54 0.00	23.48 1.45 0.00	24.66 1.53 0.00	27.45 1.60 0.00	37.68 1.59 -4.86	43.62 1.87 -10.05	38.43 1.34 -7.29	37.84 0.87 -14.20	35.48 1.11 -12.99	35.48 0.96 -15.23	35.48 0.96 -15.76	35.48 0.99 -15.77	35.33 1.28 -11.13	34.99 1.74 -5.23	35.27 1.59 -9.99	35.13 1.67 -8.60	37.58 1.90 -6.06	39.48 2.07 -6.54	42.51 2.01 -8.60	34.66 2.22 -2.81	29.02 1.97 -0.01	26.44 1.76 -0.93
ARTHUR_KILL_2 23512	25.71 1.64 0.00	24.61 1.52 0.00	23.82 1.47 0.00	23.43 1.41 0.00	24.61 1.48 0.00	27.40 1.55 0.00	37.59 1.50 -4.86	43.52 1.77 -10.05	38.34 1.25 -7.29	37.77 0.80 -14.20	35.42 1.05 -12.99	35.42 0.91 -15.23	35.42 0.90 -15.76	35.42 0.94 -15.77	35.29 1.24 -11.13	34.94 1.68 -5.23	35.20 1.52 -9.99	35.06 1.59 -8.60	37.49 1.81 -6.06	39.39 1.98 -6.54	42.41 1.91 -8.60	34.60 2.16 -2.81	28.94 1.89 -0.01	26.39 1.71 -0.93
ARTHUR_KILL_3 23513	25.23 1.16 0.00	24.22 1.13 0.00	23.46 1.12 0.00	23.08 1.06 0.00	24.19 1.06 0.00	27.06 1.22 0.00	38.04 2.00 -4.81	43.88 2.22 -9.97	38.72 1.70 -7.22	38.00 1.16 -14.07	35.43 1.18 -12.87	35.43 1.06 -15.09	35.40 1.03 -15.61	35.39 1.05 -15.62	35.21 1.26 -11.03	34.80 1.60 -5.18	35.08 1.49 -9.90	34.93 1.54 -8.52	37.68 2.04 -6.01	39.68 2.32 -6.49	42.66 2.23 -8.53	34.31 1.90 -2.78	28.64 1.59 -0.01	26.05 1.38 -0.92



ARTHUR_KILL_COGEN 323718	25.76 1.68 0.00	24.68 1.59 0.00	23.89 1.54 0.00	23.48 1.45 0.00	24.66 1.53 0.00	27.45 1.60 0.00	37.68 1.59 -4.86	43.62 1.87 -10.05	38.43 1.34 -7.29	37.84 0.87 -14.20	35.48 1.11 -12.99	35.48 0.96 -15.23	35.48 0.96 -15.76	35.48 0.99 -15.77	35.33 1.28 -11.13	34.99 1.74 -5.23	35.27 1.59 -9.99	35.13 1.67 -8.60	37.58 1.90 -6.06	39.48 2.07 -6.54	42.51 2.01 -8.60	34.66 2.22 -2.81	29.02 1.97 -0.01	26.44 1.76 -0.93
ASHOKAN____ 23654	24.50 0.43 0.00	23.48 0.39 0.00	22.79 0.45 0.00	22.42 0.40 0.00	23.68 0.55 0.00	26.52 0.67 0.00	32.42 1.19 0.00	32.80 1.11 0.00	30.27 0.48 0.00	22.59 -0.18 0.00	21.15 -0.23 0.00	18.99 -0.29 0.00	18.52 -0.24 0.00	18.47 -0.24 0.00	22.87 -0.05 0.00	28.25 0.22 0.00	23.78 0.10 0.00	24.94 0.07 0.00	30.21 0.59 0.00	31.86 0.99 0.00	32.79 0.89 0.00	30.25 0.62 0.00	27.42 0.38 0.00	24.08 0.33 0.00
ASTORIA_EAST_ENERGY_CC1 323581	25.62 1.54 -0.01	24.57 1.48 -0.01	23.81 1.45 -0.01	23.42 1.39 -0.01	24.57 1.43 -0.01	27.43 1.58 -0.01	37.91 1.81 -4.87	43.82 2.06 -10.07	38.65 1.55 -7.30	38.01 1.03 -14.21	35.47 1.09 -13.00	35.50 0.98 -15.24	35.50 0.97 -15.77	35.48 0.99 -15.78	35.27 1.21 -11.14	34.83 1.57 -5.24	35.13 1.45 -10.00	34.94 1.47 -8.61	37.62 1.92 -6.08	39.62 2.19 -6.56	42.62 2.10 -8.62	34.28 1.84 -2.82	28.68 1.62 -0.02	26.07 1.38 -0.94
ASTORIA_EAST_ENERGY_CC2 323582	25.62 1.54 -0.01	24.57 1.48 -0.01	23.81 1.45 -0.01	23.42 1.39 -0.01	24.57 1.43 -0.01	27.43 1.58 -0.01	37.91 1.81 -4.87	43.82 2.06 -10.07	38.65 1.55 -7.30	38.01 1.03 -14.21	35.47 1.09 -13.00	35.50 0.98 -15.24	35.50 0.97 -15.77	35.48 0.99 -15.78	35.27 1.21 -11.14	34.83 1.57 -5.24	35.13 1.45 -10.00	34.94 1.47 -8.61	37.62 1.92 -6.08	39.62 2.19 -6.56	42.62 2.10 -8.62	34.28 1.84 -2.82	28.68 1.62 -0.02	26.07 1.38 -0.94
ASTORIA_GT2_1 24094	25.68 1.61 0.00	24.56 1.48 0.00	23.80 1.45 0.00	23.39 1.37 0.00	24.59 1.46 0.00	27.43 1.58 -0.01	37.94 1.84 -4.87	43.76 2.00 -10.07	38.80 1.70 -7.30	37.98 1.00 -14.21	35.47 1.09 -13.00	35.50 0.98 -15.24	35.50 0.98 -15.77	35.48 0.99 -15.78	35.27 1.21 -11.14	34.94 1.68 -5.24	35.11 1.42 -10.00	34.94 1.47 -8.61	37.45 1.75 -6.08	39.56 2.13 -6.56	42.59 2.07 -8.62	34.28 1.84 -2.82	28.67 1.62 -0.01	26.07 1.38 -0.94
ASTORIA_GT2_2 24095	25.68 1.61 0.00	24.56 1.48 0.00	23.80 1.45 0.00	23.39 1.37 0.00	24.59 1.46 0.00	27.43 1.58 -0.01	37.94 1.84 -4.87	43.76 2.00 -10.07	38.80 1.70 -7.30	37.98 1.00 -14.21	35.47 1.09 -13.00	35.50 0.98 -15.24	35.50 0.98 -15.77	35.48 0.99 -15.78	35.27 1.21 -11.14	34.94 1.68 -5.24	35.11 1.42 -10.00	34.94 1.47 -8.61	37.45 1.75 -6.08	39.56 2.13 -6.56	42.59 2.07 -8.62	34.28 1.84 -2.82	28.67 1.62 -0.01	26.07 1.38 -0.94
ASTORIA_GT2_3 24096	25.68 1.61 0.00	24.56 1.48 0.00	23.80 1.45 0.00	23.39 1.37 0.00	24.59 1.46 0.00	27.43 1.58 -0.01	37.94 1.84 -4.87	43.76 2.00 -10.07	38.80 1.70 -7.30	37.98 1.00 -14.21	35.47 1.09 -13.00	35.50 0.98 -15.24	35.50 0.98 -15.77	35.48 0.99 -15.78	35.27 1.21 -11.14	34.94 1.68 -5.24	35.11 1.42 -10.00	34.94 1.47 -8.61	37.45 1.75 -6.08	39.56 2.13 -6.56	42.59 2.07 -8.62	34.28 1.84 -2.82	28.67 1.62 -0.01	26.07 1.38 -0.94
ASTORIA_GT2_4 24097	25.68 1.61 0.00	24.56 1.48 0.00	23.80 1.45 0.00	23.39 1.37 0.00	24.59 1.46 0.00	27.43 1.58 -0.01	37.94 1.84 -4.87	43.76 2.00 -10.07	38.80 1.70 -7.30	37.98 1.00 -14.21	35.47 1.09 -13.00	35.50 0.98 -15.24	35.50 0.98 -15.77	35.48 0.99 -15.78	35.27 1.21 -11.14	34.94 1.68 -5.24	35.11 1.42 -10.00	34.94 1.47 -8.61	37.45 1.75 -6.08	39.56 2.13 -6.56	42.59 2.07 -8.62	34.28 1.84 -2.82	28.67 1.62 -0.01	26.07 1.38 -0.94
ASTORIA_GT3_1 24098	25.68 1.61 0.00	24.56 1.48 0.00	23.80 1.45 0.00	23.39 1.37 0.00	24.59 1.46 0.00	27.43 1.58 -0.01	37.94 1.84 -4.87	43.76 2.00 -10.07	38.80 1.70 -7.30	37.98 1.00 -14.21	35.47 1.09 -13.00	35.50 0.98 -15.24	35.50 0.98 -15.77	35.48 0.99 -15.78	35.27 1.21 -11.14	34.94 1.68 -5.24	35.11 1.42 -10.00	34.94 1.47 -8.61	37.45 1.75 -6.08	39.56 2.13 -6.56	42.59 2.07 -8.62	34.28 1.84 -2.82	28.67 1.62 -0.01	26.07 1.38 -0.94
ASTORIA_GT3_2 24099	25.68 1.61 0.00	24.56 1.48 0.00	23.80 1.45 0.00	23.39 1.37 0.00	24.59 1.46 0.00	27.43 1.58 -0.01	37.94 1.84 -4.87	43.76 2.00 -10.07	38.80 1.70 -7.30	37.98 1.00 -14.21	35.47 1.09 -13.00	35.50 0.98 -15.24	35.50 0.98 -15.77	35.48 0.99 -15.78	35.27 1.21 -11.14	34.94 1.68 -5.24	35.11 1.42 -10.00	34.94 1.47 -8.61	37.45 1.75 -6.08	39.56 2.13 -6.56	42.59 2.07 -8.62	34.28 1.84 -2.82	28.67 1.62 -0.01	26.07 1.38 -0.94
ASTORIA_GT3_3 24100	25.68 1.61 0.00	24.56 1.48 0.00	23.80 1.45 0.00	23.39 1.37 0.00	24.59 1.46 0.00	27.43 1.58 -0.01	37.94 1.84 -4.87	43.76 2.00 -10.07	38.80 1.70 -7.30	37.98 1.00 -14.21	35.47 1.09 -13.00	35.50 0.98 -15.24	35.50 0.98 -15.77	35.48 0.99 -15.78	35.27 1.21 -11.14	34.94 1.68 -5.24	35.11 1.42 -10.00	34.94 1.47 -8.61	37.45 1.75 -6.08	39.56 2.13 -6.56	42.59 2.07 -8.62	34.28 1.84 -2.82	28.67 1.62 -0.01	26.07 1.38 -0.94
ASTORIA_GT3_4 24101	25.68 1.61 0.00	24.56 1.48 0.00	23.80 1.45 0.00	23.39 1.37 0.00	24.59 1.46 0.00	27.43 1.58 -0.01	37.94 1.84 -4.87	43.76 2.00 -10.07	38.80 1.70 -7.30	37.98 1.00 -14.21	35.47 1.09 -13.00	35.50 0.98 -15.24	35.50 0.98 -15.77	35.48 0.99 -15.78	35.27 1.21 -11.14	34.94 1.68 -5.24	35.11 1.42 -10.00	34.94 1.47 -8.61	37.45 1.75 -6.08	39.56 2.13 -6.56	42.59 2.07 -8.62	34.28 1.84 -2.82	28.67 1.62 -0.01	26.07 1.38 -0.94
ASTORIA_GT4_1 24102	25.68 1.61 0.00	24.56 1.48 0.00	23.80 1.45 0.00	23.39 1.37 0.00	24.59 1.46 0.00	27.43 1.58 -0.01	37.94 1.84 -4.87	43.76 2.00 -10.07	38.80 1.70 -7.30	37.98 1.00 -14.21	35.47 1.09 -13.00	35.50 0.98 -15.24	35.50 0.98 -15.77	35.48 0.99 -15.78	35.27 1.21 -11.14	34.94 1.68 -5.24	35.11 1.42 -10.00	34.94 1.47 -8.61	37.45 1.75 -6.08	39.56 2.13 -6.56	42.59 2.07 -8.62	34.28 1.84 -2.82	28.67 1.62 -0.01	26.07 1.38 -0.94
ASTORIA_GT4_2 24103	25.68 1.61 0.00	24.56 1.48 0.00	23.80 1.45 0.00	23.39 1.37 0.00	24.59 1.46 0.00	27.43 1.58 -0.01	37.94 1.84 -4.87	43.76 2.00 -10.07	38.80 1.70 -7.30	37.98 1.00 -14.21	35.47 1.09 -13.00	35.50 0.98 -15.24	35.50 0.98 -15.77	35.48 0.99 -15.78	35.27 1.21 -11.14	34.94 1.68 -5.24	35.11 1.42 -10.00	34.94 1.47 -8.61	37.45 1.75 -6.08	39.56 2.13 -6.56	42.59 2.07 -8.62	34.28 1.84 -2.82	28.67 1.62 -0.01	26.07 1.38 -0.94
ASTORIA_GT4_3 24104	25.68 1.61 0.00	24.56 1.48 0.00	23.80 1.45 0.00	23.39 1.37 0.00	24.59 1.46 0.00	27.43 1.58 -0.01	37.94 1.84 -4.87	43.76 2.00 -10.07	38.80 1.70 -7.30	37.98 1.00 -14.21	35.47 1.09 -13.00	35.50 0.98 -15.24	35.50 0.98 -15.77	35.48 0.99 -15.78	35.27 1.21 -11.14	34.94 1.68 -5.24	35.11 1.42 -10.00	34.94 1.47 -8.61	37.45 1.75 -6.08	39.56 2.13 -6.56	42.59 2.07 -8.62	34.28 1.84 -2.82	28.67 1.62 -0.01	26.07 1.38 -0.94



ASTORIA_GT4_4 24105	25.68 1.61 0.00	24.56 1.48 0.00	23.80 1.45 0.00	23.39 1.37 0.00	24.59 1.46 0.00	27.43 1.58 -0.01	37.94 1.84 -4.87	43.76 2.00 -10.07	38.80 1.70 -7.30	37.98 1.00 -14.21	35.47 1.09 -13.00	35.50 0.98 -15.24	35.50 0.98 -15.77	35.48 0.99 -15.78	35.27 1.21 -11.14	34.94 1.68 -5.24	35.11 1.42 -10.00	34.94 1.47 -8.61	37.45 1.75 -6.08	39.56 2.13 -6.56	42.59 2.07 -8.62	34.28 1.84 -2.82	28.67 1.62 -0.01	26.07 1.38 -0.94
ASTORIA_GT_1 23523	25.67 1.59 -0.01	24.59 1.50 -0.01	23.83 1.47 -0.01	23.44 1.41 -0.01	24.62 1.48 -0.01	27.48 1.63 -0.01	37.97 1.87 -4.87	43.89 2.12 -10.07	38.70 1.61 -7.30	38.05 1.07 -14.21	35.51 1.13 -13.00	35.54 1.02 -15.24	35.54 1.01 -15.77	35.52 1.03 -15.78	35.29 1.24 -11.14	34.86 1.60 -5.24	35.18 1.49 -10.00	34.99 1.52 -8.61	37.68 1.98 -6.08	39.65 2.22 -6.56	42.69 2.17 -8.62	34.34 1.90 -2.82	28.70 1.65 -0.02	26.09 1.40 -0.94
ASTORIA_GT_10 24110	25.44 1.37 0.00	24.31 1.22 0.00	23.55 1.21 0.00	23.15 1.12 0.00	24.36 1.23 0.00	27.16 1.32 0.00	37.90 1.81 -4.86	43.72 1.96 -10.06	38.76 1.67 -7.29	37.98 1.00 -14.20	35.44 1.07 -12.99	35.48 0.96 -15.23	35.48 0.96 -15.76	35.46 0.97 -15.77	35.24 1.19 -11.13	34.91 1.65 -5.23	35.10 1.42 -9.99	34.91 1.44 -8.60	37.44 1.75 -6.07	39.55 2.13 -6.55	42.55 2.04 -8.61	34.22 1.78 -2.81	28.58 1.54 0.00	26.01 1.33 -0.93
ASTORIA_GT_11 24225	25.44 1.37 0.00	24.31 1.22 0.00	23.55 1.21 0.00	23.15 1.12 0.00	24.36 1.23 0.00	27.16 1.32 0.00	37.90 1.81 -4.86	43.72 1.96 -10.06	38.76 1.67 -7.29	37.98 1.00 -14.20	35.44 1.07 -12.99	35.48 0.96 -15.23	35.48 0.96 -15.76	35.46 0.97 -15.77	35.24 1.19 -11.13	34.91 1.65 -5.23	35.10 1.42 -9.99	34.91 1.44 -8.60	37.44 1.75 -6.07	39.55 2.13 -6.55	42.55 2.04 -8.61	34.22 1.78 -2.81	28.58 1.54 0.00	26.01 1.33 -0.93
ASTORIA_GT_12 24226	25.44 1.37 0.00	24.31 1.22 0.00	23.55 1.21 0.00	23.15 1.12 0.00	24.36 1.23 0.00	27.16 1.32 0.00	37.90 1.81 -4.86	43.72 1.96 -10.06	38.76 1.67 -7.29	37.98 1.00 -14.20	35.44 1.07 -12.99	35.48 0.96 -15.23	35.48 0.96 -15.76	35.46 0.97 -15.77	35.24 1.19 -11.13	34.91 1.65 -5.23	35.10 1.42 -9.99	34.91 1.44 -8.60	37.44 1.75 -6.07	39.55 2.13 -6.55	42.55 2.04 -8.61	34.22 1.78 -2.81	28.58 1.54 0.00	26.01 1.33 -0.93
ASTORIA_GT_13 24227	25.44 1.37 0.00	24.31 1.22 0.00	23.55 1.21 0.00	23.15 1.12 0.00	24.36 1.23 0.00	27.16 1.32 0.00	37.90 1.81 -4.86	43.72 1.96 -10.06	38.76 1.67 -7.29	37.98 1.00 -14.20	35.44 1.07 -12.99	35.48 0.96 -15.23	35.48 0.96 -15.76	35.46 0.97 -15.77	35.24 1.19 -11.13	34.91 1.65 -5.23	35.10 1.42 -9.99	34.91 1.44 -8.60	37.44 1.75 -6.07	39.55 2.13 -6.55	42.55 2.04 -8.61	34.22 1.78 -2.81	28.58 1.54 0.00	26.01 1.33 -0.93
ASTORIA_GT_5 24106	25.73 1.66 0.00	24.59 1.50 0.00	23.82 1.47 0.00	23.41 1.39 0.00	24.63 1.50 0.00	27.48 1.63 -0.01	37.97 1.87 -4.87	43.82 2.06 -10.07	38.85 1.76 -7.30	38.03 1.05 -14.21	35.51 1.13 -13.00	35.54 1.02 -15.24	35.54 1.01 -15.77	35.52 1.03 -15.78	35.30 1.24 -11.14	35.00 1.74 -5.24	35.16 1.47 -10.00	34.99 1.52 -8.61	37.51 1.81 -6.08	39.62 2.19 -6.56	42.65 2.14 -8.62	34.31 1.87 -2.82	28.69 1.65 -0.01	26.09 1.40 -0.94
ASTORIA_GT_7 24107	25.73 1.66 0.00	24.59 1.50 0.00	23.82 1.47 0.00	23.41 1.39 0.00	24.63 1.50 0.00	27.48 1.63 -0.01	37.97 1.87 -4.87	43.82 2.06 -10.07	38.85 1.76 -7.30	38.03 1.05 -14.21	35.51 1.13 -13.00	35.54 1.02 -15.24	35.54 1.01 -15.77	35.52 1.03 -15.78	35.30 1.24 -11.14	35.00 1.74 -5.24	35.16 1.47 -10.00	34.99 1.52 -8.61	37.51 1.81 -6.08	39.62 2.19 -6.56	42.65 2.14 -8.62	34.31 1.87 -2.82	28.69 1.65 -0.01	26.09 1.40 -0.94
ASTORIA_GT_8 24108	25.73 1.66 0.00	24.59 1.50 0.00	23.82 1.47 0.00	23.41 1.39 0.00	24.63 1.50 0.00	27.48 1.63 -0.01	37.97 1.87 -4.87	43.82 2.06 -10.07	38.85 1.76 -7.30	38.03 1.05 -14.21	35.51 1.13 -13.00	35.54 1.02 -15.24	35.54 1.01 -15.77	35.52 1.03 -15.78	35.30 1.24 -11.14	35.00 1.74 -5.24	35.16 1.47 -10.00	34.99 1.52 -8.61	37.51 1.81 -6.08	39.62 2.19 -6.56	42.65 2.14 -8.62	34.31 1.87 -2.82	28.69 1.65 -0.01	26.09 1.40 -0.94
ASTORIA___2 24149	25.62 1.54 -0.01	24.57 1.48 -0.01	23.81 1.45 -0.01	23.42 1.39 -0.01	24.57 1.43 -0.01	27.43 1.58 -0.01	37.91 1.81 -4.87	43.82 2.06 -10.07	38.65 1.55 -7.30	38.01 1.03 -14.21	35.47 1.09 -13.00	35.50 0.98 -15.24	35.50 0.97 -15.77	35.48 0.99 -15.78	35.27 1.21 -11.14	34.83 1.57 -5.24	35.13 1.45 -10.00	34.94 1.47 -8.61	37.62 1.92 -6.08	39.62 2.19 -6.56	42.62 2.10 -8.62	34.28 1.84 -2.82	28.68 1.62 -0.02	26.07 1.38 -0.94
ASTORIA___3 23516	25.35 1.27 0.00	24.31 1.22 0.00	23.55 1.21 0.00	23.17 1.14 0.00	24.31 1.18 0.00	27.16 1.32 0.00	37.87 1.78 -4.86	43.79 2.03 -10.06	38.61 1.52 -7.29	37.97 1.00 -14.20	35.44 1.07 -12.99	35.48 0.96 -15.23	35.48 0.96 -15.76	35.46 0.97 -15.77	35.24 1.19 -11.13	34.80 1.54 -5.23	35.10 1.42 -9.99	34.91 1.44 -8.60	37.59 1.90 -6.07	39.55 2.13 -6.55	42.55 2.04 -8.61	34.25 1.81 -2.81	28.59 1.54 -0.01	26.01 1.33 -0.93
ASTORIA___4 23517	25.44 1.37 0.00	24.31 1.22 0.00	23.55 1.21 0.00	23.15 1.12 0.00	24.36 1.23 0.00	27.16 1.32 0.00	37.90 1.81 -4.86	43.72 1.96 -10.06	38.76 1.67 -7.29	37.98 1.00 -14.20	35.44 1.07 -12.99	35.48 0.96 -15.23	35.48 0.96 -15.76	35.46 0.97 -15.77	35.24 1.19 -11.13	34.91 1.65 -5.23	35.10 1.42 -9.99	34.91 1.44 -8.60	37.44 1.75 -6.07	39.55 2.13 -6.55	42.55 2.04 -8.61	34.22 1.78 -2.81	28.58 1.54 0.00	26.01 1.33 -0.93
ASTORIA___5 23518	25.35 1.27 0.00	24.31 1.22 0.00	23.55 1.21 0.00	23.17 1.14 0.00	24.31 1.18 0.00	27.16 1.32 0.00	37.87 1.78 -4.86	43.79 2.03 -10.06	38.61 1.52 -7.29	37.97 1.00 -14.20	35.44 1.07 -12.99	35.48 0.96 -15.23	35.48 0.96 -15.76	35.46 0.97 -15.77	35.24 1.19 -11.13	34.80 1.54 -5.23	35.10 1.42 -9.99	34.91 1.44 -8.60	37.59 1.90 -6.07	39.55 2.13 -6.55	42.55 2.04 -8.61	34.25 1.81 -2.81	28.59 1.54 -0.01	26.01 1.33 -0.93
AST_ENERGY_2_CC3 323677	25.27 1.20 0.00	24.24 1.15 0.00	23.48 1.14 0.00	23.10 1.08 0.00	24.24 1.11 0.00	27.09 1.24 0.00	38.04 2.00 -4.81	43.88 2.22 -9.97	38.72 1.70 -7.22	37.98 1.14 -14.07	35.41 1.15 -12.87	35.41 1.04 -15.09	35.40 1.03 -15.61	35.37 1.03 -15.62	35.21 1.26 -11.03	34.80 1.60 -5.18	35.08 1.49 -9.90	34.90 1.52 -8.52	37.68 2.04 -6.01	39.64 2.28 -6.49	42.66 2.23 -8.53	34.31 1.90 -2.78	28.64 1.59 -0.01	26.07 1.40 -0.92
AST_ENERGY_2_CC4 323678	25.27 1.20 0.00	24.24 1.15 0.00	23.48 1.14 0.00	23.10 1.08 0.00	24.24 1.11 0.00	27.09 1.24 0.00	38.04 2.00 -4.81	43.88 2.22 -9.97	38.72 1.70 -7.22	37.98 1.14 -14.07	35.41 1.15 -12.87	35.41 1.04 -15.09	35.40 1.03 -15.61	35.37 1.03 -15.62	35.21 1.26 -11.03	34.80 1.60 -5.18	35.08 1.49 -9.90	34.90 1.52 -8.52	37.68 2.04 -6.01	39.64 2.28 -6.49	42.66 2.23 -8.53	34.31 1.90 -2.78	28.64 1.59 -0.01	26.07 1.40 -0.92



ATHENS_STG_1 23668	24.60 0.53 0.00	23.59 0.51 0.00	22.88 0.54 0.00	22.51 0.48 0.00	23.66 0.53 0.00	26.44 0.59 0.00	32.23 1.00 0.00	32.83 1.14 0.00	30.54 0.75 0.00	23.20 0.43 0.00	21.83 0.45 0.00	19.70 0.42 0.00	19.19 0.43 0.00	19.16 0.45 0.00	23.47 0.55 0.00	28.81 0.78 0.00	24.38 0.69 0.00	25.54 0.67 0.00	30.63 1.01 0.00	32.07 1.20 0.00	33.04 1.15 0.00	30.52 0.89 0.00	27.77 0.73 0.00	24.39 0.64 0.00
ATHENS_STG_2 23670	24.60 0.53 0.00	23.59 0.51 0.00	22.88 0.54 0.00	22.51 0.48 0.00	23.66 0.53 0.00	26.44 0.59 0.00	32.23 1.00 0.00	32.83 1.14 0.00	30.54 0.75 0.00	23.20 0.43 0.00	21.83 0.45 0.00	19.70 0.42 0.00	19.19 0.43 0.00	19.16 0.45 0.00	23.47 0.55 0.00	28.81 0.78 0.00	24.38 0.69 0.00	25.54 0.67 0.00	30.63 1.01 0.00	32.07 1.20 0.00	33.04 1.15 0.00	30.52 0.89 0.00	27.77 0.73 0.00	24.39 0.64 0.00
ATHENS_STG_3 23677	24.60 0.53 0.00	23.59 0.51 0.00	22.88 0.54 0.00	22.51 0.48 0.00	23.66 0.53 0.00	26.44 0.59 0.00	32.23 1.00 0.00	32.83 1.14 0.00	30.54 0.75 0.00	23.20 0.43 0.00	21.83 0.45 0.00	19.70 0.42 0.00	19.19 0.43 0.00	19.16 0.45 0.00	23.47 0.55 0.00	28.81 0.78 0.00	24.38 0.69 0.00	25.54 0.67 0.00	30.63 1.01 0.00	32.07 1.20 0.00	33.04 1.15 0.00	30.52 0.89 0.00	27.77 0.73 0.00	24.39 0.64 0.00
AUBURN___LFGE 323710	24.07 0.00 0.00	23.16 0.07 0.00	22.37 0.02 0.00	22.09 0.07 0.00	23.15 0.02 0.00	25.92 0.08 0.00	31.45 0.22 0.00	32.07 0.38 0.00	29.95 0.15 0.00	23.02 0.25 0.00	21.51 0.13 0.00	19.40 0.12 0.00	18.82 0.06 0.00	18.75 0.04 0.00	22.99 0.07 0.00	27.91 -0.11 0.00	23.69 0.00 0.00	24.94 0.07 0.00	29.56 -0.06 0.00	31.03 0.15 0.00	32.28 0.38 0.00	29.78 0.15 0.00	27.09 0.05 0.00	23.77 0.02 0.00
BABYLON_RES_REC 323704	26.44 2.33 -0.03	25.35 2.26 0.00	24.22 1.88 0.00	24.05 2.02 0.00	25.07 1.94 0.00	28.55 2.69 -0.01	33.30 1.78 -0.29	34.13 2.22 -0.22	31.05 1.25 0.00	24.55 1.78 0.00	23.69 2.24 -0.06	21.38 2.06 -0.04	20.83 1.99 -0.08	20.25 1.53 0.00	24.77 1.86 0.00	30.21 2.19 0.00	26.44 2.75 -0.01	27.98 2.71 -0.41	33.26 3.35 -0.29	35.02 3.30 -0.85	35.23 3.00 -0.34	33.42 3.55 -0.23	30.06 2.97 -0.05	26.42 2.66 -0.01
BABYLON__69_KV_BK2 356345	26.94 2.77 -0.10	25.57 2.47 -0.01	24.49 2.15 0.00	24.03 2.00 0.00	25.37 2.24 0.00	28.83 2.97 -0.01	34.28 2.06 -0.99	34.84 2.41 -0.74	33.02 3.22 0.00	24.84 2.07 0.00	23.96 2.44 -0.14	21.59 2.20 -0.11	21.12 2.14 -0.22	20.45 1.72 -0.01	25.03 2.11 0.00	31.64 3.62 0.00	26.72 3.03 0.00	28.84 2.96 -1.01	33.22 2.61 -1.00	37.18 3.43 -2.88	36.28 3.22 -1.16	32.80 2.37 -0.80	30.40 3.24 -0.11	26.66 2.90 -0.01
BALL_HILL_WT_PWR 323825	24.70 0.62 0.00	23.66 0.58 0.00	22.77 0.42 0.00	22.59 0.57 0.00	23.59 0.46 0.00	26.10 0.26 0.00	30.95 -0.28 0.00	31.60 -0.09 0.00	29.77 -0.03 0.00	23.30 0.52 0.00	21.81 0.43 0.00	19.72 0.44 0.00	18.97 0.21 0.00	18.90 0.19 0.00	23.01 0.09 0.00	27.66 -0.37 0.00	23.64 -0.05 0.00	25.01 0.15 0.00	28.94 -0.68 0.00	30.07 -0.80 0.00	31.64 -0.26 0.00	29.04 -0.59 0.00	27.17 0.14 0.00	24.10 0.36 0.00
BARON_WINDS___WT_PWR 323822	25.16 1.08 0.00	24.10 1.01 0.00	23.22 0.87 0.00	22.95 0.92 0.00	24.03 0.90 0.00	26.75 0.90 0.00	32.39 1.16 0.00	32.96 1.27 0.00	30.66 0.86 0.00	23.55 0.77 0.00	22.00 0.62 0.00	19.84 0.56 0.00	19.19 0.43 0.00	19.13 0.41 0.00	23.42 0.50 0.00	28.39 0.36 0.00	24.21 0.52 0.00	25.64 0.77 0.00	30.30 0.68 0.00	31.64 0.77 0.00	32.95 1.05 0.00	30.28 0.65 0.00	27.85 0.81 0.00	24.51 0.76 0.00
BARRETT_IC_1 23704	26.21 2.14 0.01	25.14 2.05 0.00	23.98 1.63 0.00	23.85 1.83 0.00	24.84 1.71 0.00	28.28 2.43 -0.01	32.82 1.59 0.00	33.69 2.00 0.00	30.84 1.04 0.00	24.32 1.55 0.00	23.45 2.05 -0.01	21.20 1.93 0.01	20.59 1.84 0.01	20.10 1.38 0.00	24.57 1.65 0.00	29.96 1.93 0.00	26.14 2.44 -0.01	27.29 2.39 -0.04	32.70 3.08 0.00	33.90 3.03 0.00	34.64 2.74 0.00	32.89 3.26 0.00	29.75 2.70 -0.01	26.20 2.45 -0.01
BARRETT_IC_10 23701	26.21 2.14 0.01	25.14 2.05 0.00	23.98 1.63 0.00	23.85 1.83 0.00	24.84 1.71 0.00	28.28 2.43 -0.01	32.82 1.59 0.00	33.69 2.00 0.00	30.84 1.04 0.00	24.32 1.55 0.00	23.45 2.05 -0.01	21.20 1.93 0.01	20.59 1.84 0.01	20.10 1.38 0.00	24.57 1.65 0.00	29.96 1.93 0.00	26.14 2.44 -0.01	27.29 2.39 -0.04	32.70 3.08 0.00	33.90 3.03 0.00	34.64 2.74 0.00	32.89 3.26 0.00	29.75 2.70 -0.01	26.20 2.45 -0.01
BARRETT_IC_11 23702	26.21 2.14 0.01	25.14 2.05 0.00	23.98 1.63 0.00	23.85 1.83 0.00	24.84 1.71 0.00	28.28 2.43 -0.01	32.82 1.59 0.00	33.69 2.00 0.00	30.84 1.04 0.00	24.32 1.55 0.00	23.45 2.05 -0.01	21.20 1.93 0.01	20.59 1.84 0.01	20.10 1.38 0.00	24.57 1.65 0.00	29.96 1.93 0.00	26.14 2.44 -0.01	27.29 2.39 -0.04	32.70 3.08 0.00	33.90 3.03 0.00	34.64 2.74 0.00	32.89 3.26 0.00	29.75 2.70 -0.01	26.20 2.45 -0.01
BARRETT_IC_12 23703	26.21 2.14 0.01	25.14 2.05 0.00	23.98 1.63 0.00	23.85 1.83 0.00	24.84 1.71 0.00	28.28 2.43 -0.01	32.82 1.59 0.00	33.69 2.00 0.00	30.84 1.04 0.00	24.32 1.55 0.00	23.45 2.05 -0.01	21.20 1.93 0.01	20.59 1.84 0.01	20.10 1.38 0.00	24.57 1.65 0.00	29.96 1.93 0.00	26.14 2.44 -0.01	27.29 2.39 -0.04	32.70 3.08 0.00	33.90 3.03 0.00	34.64 2.74 0.00	32.89 3.26 0.00	29.75 2.70 -0.01	26.20 2.45 -0.01
BARRETT_IC_2 23705	26.21 2.14 0.01	25.14 2.05 0.00	23.98 1.63 0.00	23.85 1.83 0.00	24.84 1.71 0.00	28.28 2.43 -0.01	32.82 1.59 0.00	33.69 2.00 0.00	30.84 1.04 0.00	24.32 1.55 0.00	23.45 2.05 -0.01	21.20 1.93 0.01	20.59 1.84 0.01	20.10 1.38 0.00	24.57 1.65 0.00	29.96 1.93 0.00	26.14 2.44 -0.01	27.29 2.39 -0.04	32.70 3.08 0.00	33.90 3.03 0.00	34.64 2.74 0.00	32.89 3.26 0.00	29.75 2.70 -0.01	26.20 2.45 -0.01
BARRETT_IC_3 23706	26.21 2.14 0.01	25.14 2.05 0.00	23.98 1.63 0.00	23.85 1.83 0.00	24.84 1.71 0.00	28.28 2.43 -0.01	32.82 1.59 0.00	33.69 2.00 0.00	30.84 1.04 0.00	24.32 1.55 0.00	23.45 2.05 -0.01	21.20 1.93 0.01	20.59 1.84 0.01	20.10 1.38 0.00	24.57 1.65 0.00	29.96 1.93 0.00	26.14 2.44 -0.01	27.29 2.39 -0.04	32.70 3.08 0.00	33.90 3.03 0.00	34.64 2.74 0.00	32.89 3.26 0.00	29.75 2.70 -0.01	26.20 2.45 -0.01
BARRETT_IC_4 23707	26.21 2.14 0.01	25.14 2.05 0.00	23.98 1.63 0.00	23.85 1.83 0.00	24.84 1.71 0.00	28.28 2.43 -0.01	32.82 1.59 0.00	33.69 2.00 0.00	30.84 1.04 0.00	24.32 1.55 0.00	23.45 2.05 -0.01	21.20 1.93 0.01	20.59 1.84 0.01	20.10 1.38 0.00	24.57 1.65 0.00	29.96 1.93 0.00	26.14 2.44 -0.01	27.29 2.39 -0.04	32.70 3.08 0.00	33.90 3.03 0.00	34.64 2.74 0.00	32.89 3.26 0.00	29.75 2.70 -0.01	26.20 2.45 -0.01



BARRETT_IC_5 23708	26.21 2.14 0.01	25.14 2.05 0.00	23.98 1.63 0.00	23.85 1.83 0.00	24.84 1.71 0.00	28.28 2.43 -0.01	32.82 1.59 0.00	33.69 2.00 0.00	30.84 1.04 0.00	24.32 1.55 0.00	23.45 2.05 -0.01	21.20 1.93 0.01	20.59 1.84 0.01	20.10 1.38 0.00	24.57 1.65 0.00	29.96 1.93 0.00	26.14 2.44 -0.01	27.29 2.39 -0.04	32.70 3.08 0.00	33.90 3.03 0.00	34.64 2.74 0.00	32.89 3.26 0.00	29.75 2.70 -0.01	26.20 2.45 -0.01
BARRETT_IC_6 23709	26.21 2.14 0.01	25.14 2.05 0.00	23.98 1.63 0.00	23.85 1.83 0.00	24.84 1.71 0.00	28.28 2.43 -0.01	32.82 1.59 0.00	33.69 2.00 0.00	30.84 1.04 0.00	24.32 1.55 0.00	23.45 2.05 -0.01	21.20 1.93 0.01	20.59 1.84 0.01	20.10 1.38 0.00	24.57 1.65 0.00	29.96 1.93 0.00	26.14 2.44 -0.01	27.29 2.39 -0.04	32.70 3.08 0.00	33.90 3.03 0.00	34.64 2.74 0.00	32.89 3.26 0.00	29.75 2.70 -0.01	26.20 2.45 -0.01
BARRETT_IC_7 23710	26.40 2.33 0.01	25.14 2.05 0.00	23.98 1.63 0.00	23.54 1.52 0.00	24.86 1.73 0.00	28.28 2.43 0.00	32.85 1.62 0.00	33.66 1.96 0.00	32.36 2.56 0.00	24.34 1.57 0.00	23.45 2.05 -0.01	21.20 1.93 0.01	20.59 1.84 0.01	20.10 1.38 0.00	24.57 1.65 0.00	31.00 2.97 0.00	26.13 2.44 0.00	27.29 2.39 -0.04	31.72 2.10 0.00	33.74 2.87 0.00	34.54 2.65 0.00	31.53 1.90 0.00	29.75 2.70 -0.01	26.19 2.45 0.00
BARRETT_IC_8 23711	26.21 2.14 0.01	25.14 2.05 0.00	23.98 1.63 0.00	23.85 1.83 0.00	24.84 1.71 0.00	28.28 2.43 -0.01	32.82 1.59 0.00	33.69 2.00 0.00	30.84 1.04 0.00	24.32 1.55 0.00	23.45 2.05 -0.01	21.20 1.93 0.01	20.59 1.84 0.01	20.10 1.38 0.00	24.57 1.65 0.00	29.96 1.93 0.00	26.14 2.44 -0.01	27.29 2.39 -0.04	32.70 3.08 0.00	33.90 3.03 0.00	34.64 2.74 0.00	32.89 3.26 0.00	29.75 2.70 -0.01	26.20 2.45 -0.01
BARRETT_IC_9 23700	26.21 2.14 0.01	25.14 2.05 0.00	23.98 1.63 0.00	23.85 1.83 0.00	24.84 1.71 0.00	28.28 2.43 -0.01	32.82 1.59 0.00	33.69 2.00 0.00	30.84 1.04 0.00	24.32 1.55 0.00	23.45 2.05 -0.01	21.20 1.93 0.01	20.59 1.84 0.01	20.10 1.38 0.00	24.57 1.65 0.00	29.96 1.93 0.00	26.14 2.44 -0.01	27.29 2.39 -0.04	32.70 3.08 0.00	33.90 3.03 0.00	34.64 2.74 0.00	32.89 3.26 0.00	29.75 2.70 -0.01	26.20 2.45 -0.01
BARRETT___1 23545	26.21 2.14 0.01	25.14 2.05 0.00	23.98 1.63 0.00	23.85 1.83 0.00	24.84 1.71 0.00	28.28 2.43 -0.01	32.82 1.59 0.00	33.69 2.00 0.00	30.84 1.04 0.00	24.32 1.55 0.00	23.45 2.05 -0.01	21.20 1.93 0.01	20.59 1.84 0.01	20.10 1.38 0.00	24.57 1.65 0.00	29.96 1.93 0.00	26.14 2.44 -0.01	27.29 2.39 -0.04	32.70 3.08 0.00	33.90 3.03 0.00	34.64 2.74 0.00	32.89 3.26 0.00	29.75 2.70 -0.01	26.20 2.45 -0.01
BARRETT___2 23546	26.21 2.14 0.01	25.14 2.05 0.00	23.98 1.63 0.00	23.85 1.83 0.00	24.84 1.71 0.00	28.28 2.43 -0.01	32.82 1.59 0.00	33.69 2.00 0.00	30.84 1.04 0.00	24.32 1.55 0.00	23.45 2.05 -0.01	21.20 1.93 0.01	20.59 1.84 0.01	20.10 1.38 0.00	24.57 1.65 0.00	29.96 1.93 0.00	26.14 2.44 -0.01	27.29 2.39 -0.04	32.70 3.08 0.00	33.90 3.03 0.00	34.64 2.74 0.00	32.89 3.26 0.00	29.75 2.70 -0.01	26.20 2.45 -0.01
BATAVIA___115KV_TB1 55881	23.93 -0.14 0.00	23.41 0.32 0.00	22.50 0.16 0.00	22.35 0.33 0.00	23.27 0.14 0.00	25.92 0.08 0.00	30.76 -0.47 0.00	31.38 -0.32 0.00	29.56 -0.24 0.00	23.05 0.27 0.00	21.51 0.13 0.00	19.40 0.12 0.00	18.61 -0.15 0.00	18.53 -0.19 0.00	22.55 -0.37 0.00	26.68 -1.35 0.00	23.21 -0.47 0.00	24.52 -0.35 0.00	28.46 -1.16 0.00	29.82 -1.05 0.00	31.51 -0.38 0.00	29.33 -0.30 0.00	26.93 -0.11 0.00	23.77 0.02 0.00
BAYONEEC___CTG1 323682	25.30 1.23 0.00	24.26 1.18 0.00	23.51 1.16 0.00	23.12 1.10 0.00	24.26 1.13 0.00	27.14 1.29 0.00	38.10 2.06 -4.81	43.95 2.28 -9.97	38.78 1.76 -7.22	38.02 1.18 -14.07	35.45 1.20 -12.87	35.45 1.08 -15.09	35.44 1.07 -15.61	35.42 1.09 -15.62	35.25 1.31 -11.03	34.86 1.65 -5.18	35.13 1.54 -9.90	34.98 1.59 -8.52	37.74 2.10 -6.01	39.70 2.35 -6.49	42.73 2.30 -8.53	34.34 1.92 -2.78	28.69 1.65 -0.01	26.10 1.42 -0.92
BAYONEEC___CTG10 323750	25.30 1.23 0.00	24.26 1.18 0.00	23.51 1.16 0.00	23.12 1.10 0.00	24.26 1.13 0.00	27.14 1.29 0.00	38.10 2.06 -4.81	43.95 2.28 -9.97	38.78 1.76 -7.22	38.02 1.18 -14.07	35.45 1.20 -12.87	35.45 1.08 -15.09	35.44 1.07 -15.61	35.42 1.09 -15.62	35.25 1.31 -11.03	34.86 1.65 -5.18	35.13 1.54 -9.90	34.98 1.59 -8.52	37.74 2.10 -6.01	39.70 2.35 -6.49	42.73 2.30 -8.53	34.34 1.92 -2.78	28.69 1.65 -0.01	26.10 1.42 -0.92
BAYONEEC___CTG2 323683	25.30 1.23 0.00	24.26 1.18 0.00	23.51 1.16 0.00	23.12 1.10 0.00	24.26 1.13 0.00	27.14 1.29 0.00	38.10 2.06 -4.81	43.95 2.28 -9.97	38.78 1.76 -7.22	38.02 1.18 -14.07	35.45 1.20 -12.87	35.45 1.08 -15.09	35.44 1.07 -15.61	35.42 1.09 -15.62	35.25 1.31 -11.03	34.86 1.65 -5.18	35.13 1.54 -9.90	34.98 1.59 -8.52	37.74 2.10 -6.01	39.70 2.35 -6.49	42.73 2.30 -8.53	34.34 1.92 -2.78	28.69 1.65 -0.01	26.10 1.42 -0.92
BAYONEEC___CTG3 323684	25.30 1.23 0.00	24.26 1.18 0.00	23.51 1.16 0.00	23.12 1.10 0.00	24.26 1.13 0.00	27.14 1.29 0.00	38.10 2.06 -4.81	43.95 2.28 -9.97	38.78 1.76 -7.22	38.02 1.18 -14.07	35.45 1.20 -12.87	35.45 1.08 -15.09	35.44 1.07 -15.61	35.42 1.09 -15.62	35.25 1.31 -11.03	34.86 1.65 -5.18	35.13 1.54 -9.90	34.98 1.59 -8.52	37.74 2.10 -6.01	39.70 2.35 -6.49	42.73 2.30 -8.53	34.34 1.92 -2.78	28.69 1.65 -0.01	26.10 1.42 -0.92
BAYONEEC___CTG4 323685	25.30 1.23 0.00	24.26 1.18 0.00	23.51 1.16 0.00	23.12 1.10 0.00	24.26 1.13 0.00	27.14 1.29 0.00	38.10 2.06 -4.81	43.95 2.28 -9.97	38.78 1.76 -7.22	38.02 1.18 -14.07	35.45 1.20 -12.87	35.45 1.08 -15.09	35.44 1.07 -15.61	35.42 1.09 -15.62	35.25 1.31 -11.03	34.86 1.65 -5.18	35.13 1.54 -9.90	34.98 1.59 -8.52	37.74 2.10 -6.01	39.70 2.35 -6.49	42.73 2.30 -8.53	34.34 1.92 -2.78	28.69 1.65 -0.01	26.10 1.42 -0.92
BAYONEEC___CTG5 323686	25.30 1.23 0.00	24.26 1.18 0.00	23.51 1.16 0.00	23.12 1.10 0.00	24.26 1.13 0.00	27.14 1.29 0.00	38.10 2.06 -4.81	43.95 2.28 -9.97	38.78 1.76 -7.22	38.02 1.18 -14.07	35.45 1.20 -12.87	35.45 1.08 -15.09	35.44 1.07 -15.61	35.42 1.09 -15.62	35.25 1.31 -11.03	34.86 1.65 -5.18	35.13 1.54 -9.90	34.98 1.59 -8.52	37.74 2.10 -6.01	39.70 2.35 -6.49	42.73 2.30 -8.53	34.34 1.92 -2.78	28.69 1.65 -0.01	26.10 1.42 -0.92
BAYONEEC___CTG6 323687	25.30 1.23 0.00	24.26 1.18 0.00	23.51 1.16 0.00	23.12 1.10 0.00	24.26 1.13 0.00	27.14 1.29 0.00	38.10 2.06 -4.81	43.95 2.28 -9.97	38.78 1.76 -7.22	38.02 1.18 -14.07	35.45 1.20 -12.87	35.45 1.08 -15.09	35.44 1.07 -15.61	35.42 1.09 -15.62	35.25 1.31 -11.03	34.86 1.65 -5.18	35.13 1.54 -9.90	34.98 1.59 -8.52	37.74 2.10 -6.01	39.70 2.35 -6.49	42.73 2.30 -8.53	34.34 1.92 -2.78	28.69 1.65 -0.01	26.10 1.42 -0.92



BAYONEEC___CTG7 323688	25.30 1.23 0.00	24.26 1.18 0.00	23.51 1.16 0.00	23.12 1.10 0.00	24.26 1.13 0.00	27.14 1.29 0.00	38.10 2.06 -4.81	43.95 2.28 -9.97	38.78 1.76 -7.22	38.02 1.18 -14.07	35.45 1.20 -12.87	35.45 1.08 -15.09	35.44 1.07 -15.61	35.42 1.09 -15.62	35.25 1.31 -11.03	34.86 1.65 -5.18	35.13 1.54 -9.90	34.98 1.59 -8.52	37.74 2.10 -6.01	39.70 2.35 -6.49	42.73 2.30 -8.53	34.34 1.92 -2.78	28.69 1.65 -0.01	26.10 1.42 -0.92
BAYONEEC___CTG8 323689	25.30 1.23 0.00	24.26 1.18 0.00	23.51 1.16 0.00	23.12 1.10 0.00	24.26 1.13 0.00	27.14 1.29 0.00	38.10 2.06 -4.81	43.95 2.28 -9.97	38.78 1.76 -7.22	38.02 1.18 -14.07	35.45 1.20 -12.87	35.45 1.08 -15.09	35.44 1.07 -15.61	35.42 1.09 -15.62	35.25 1.31 -11.03	34.86 1.65 -5.18	35.13 1.54 -9.90	34.98 1.59 -8.52	37.74 2.10 -6.01	39.70 2.35 -6.49	42.73 2.30 -8.53	34.34 1.92 -2.78	28.69 1.65 -0.01	26.10 1.42 -0.92
BAYONEEC___CTG9 323749	25.30 1.23 0.00	24.26 1.18 0.00	23.51 1.16 0.00	23.12 1.10 0.00	24.26 1.13 0.00	27.14 1.29 0.00	38.10 2.06 -4.81	43.95 2.28 -9.97	38.78 1.76 -7.22	38.02 1.18 -14.07	35.45 1.20 -12.87	35.45 1.08 -15.09	35.44 1.07 -15.61	35.42 1.09 -15.62	35.25 1.31 -11.03	34.86 1.65 -5.18	35.13 1.54 -9.90	34.98 1.59 -8.52	37.74 2.10 -6.01	39.70 2.35 -6.49	42.73 2.30 -8.53	34.34 1.92 -2.78	28.69 1.65 -0.01	26.10 1.42 -0.92
BEACON___LESR 323632	24.31 0.24 0.00	23.36 0.28 0.00	22.66 0.31 0.00	22.29 0.27 0.00	23.45 0.32 0.00	26.26 0.41 0.00	31.95 0.72 0.00	32.55 0.86 0.00	30.22 0.42 0.00	22.84 0.07 0.00	21.43 0.04 0.00	19.36 0.08 0.00	18.99 0.23 0.00	18.96 0.24 0.00	23.31 0.39 0.00	28.73 0.70 0.00	24.16 0.47 0.00	25.26 0.40 0.00	30.42 0.80 0.00	31.92 1.05 0.00	32.92 1.02 0.00	30.31 0.68 0.00	27.55 0.51 0.00	24.18 0.43 0.00
BEAVER RIVER___HYD 24048	24.12 0.05 0.00	23.11 0.02 0.00	22.35 0.00 0.00	22.05 0.02 0.00	23.18 0.05 0.00	25.95 0.10 0.00	31.48 0.25 0.00	31.95 0.25 0.00	29.77 -0.03 0.00	22.57 -0.21 0.00	21.06 -0.32 0.00	18.95 -0.33 0.00	18.42 -0.34 0.00	18.36 -0.36 0.00	22.48 -0.44 0.00	27.55 -0.48 0.00	23.26 -0.43 0.00	24.59 -0.27 0.00	29.53 -0.09 0.00	31.00 0.12 0.00	32.25 0.35 0.00	29.84 0.21 0.00	27.15 0.11 0.00	23.82 0.07 0.00
BEEBEE_GT_13 23619	23.66 -0.41 0.00	22.99 -0.09 0.00	22.14 -0.20 0.00	21.96 -0.07 0.00	22.90 -0.23 0.00	25.56 -0.28 0.00	30.54 -0.69 0.00	31.12 -0.57 0.00	29.35 -0.45 0.00	22.77 0.00 0.00	21.30 -0.09 0.00	19.20 -0.08 0.00	18.50 -0.26 0.00	18.42 -0.30 0.00	22.48 -0.44 0.00	26.85 -1.18 0.00	23.14 -0.54 0.00	24.37 -0.50 0.00	28.49 -1.13 0.00	29.85 -1.02 0.00	31.32 -0.57 0.00	29.10 -0.53 0.00	26.63 -0.41 0.00	23.44 -0.31 0.00
BENSHRST_27_KV_BENSHRST_1 355998	25.66 1.59 0.00	24.52 1.43 0.00	23.73 1.39 0.00	23.30 1.28 0.00	24.52 1.39 0.00	27.35 1.50 0.00	38.09 2.00 -4.86	43.97 2.22 -10.06	38.97 1.88 -7.29	38.13 1.16 -14.20	35.63 1.26 -12.99	35.63 1.12 -15.23	35.63 1.11 -15.76	35.61 1.12 -15.77	35.45 1.40 -11.13	35.19 1.93 -5.23	35.34 1.66 -9.99	35.21 1.74 -8.60	37.73 2.04 -6.07	39.83 2.41 -6.55	42.87 2.36 -8.61	34.57 2.13 -2.81	28.90 1.87 0.00	26.30 1.61 -0.93
BETHLEHEM___GRP 23843	24.07 0.00 0.00	23.02 -0.07 0.00	22.35 0.00 0.00	21.98 -0.04 0.00	23.13 0.00 0.00	25.85 0.00 0.00	31.42 0.19 0.00	31.98 0.29 0.00	29.83 0.03 0.00	22.57 -0.20 0.00	21.19 -0.19 0.00	19.14 -0.13 0.00	18.80 0.04 0.00	18.77 0.06 0.00	23.03 0.11 0.00	28.36 0.34 0.00	23.88 0.19 0.00	24.94 0.07 0.00	29.92 0.30 0.00	31.46 0.59 0.00	32.41 0.51 0.00	29.87 0.24 0.00	27.17 0.14 0.00	23.87 0.12 0.00
BETHLEHEM___GS1 323560	23.98 -0.10 0.00	23.02 -0.07 0.00	22.35 0.00 0.00	21.98 -0.04 0.00	23.11 -0.02 0.00	25.85 0.00 0.00	31.39 0.16 0.00	31.98 0.28 0.00	29.74 -0.06 0.00	22.57 -0.21 0.00	21.19 -0.19 0.00	19.15 -0.13 0.00	18.80 0.04 0.00	18.77 0.06 0.00	23.03 0.12 0.00	28.30 0.28 0.00	23.88 0.19 0.00	24.94 0.07 0.00	30.00 0.38 0.00	31.46 0.59 0.00	32.41 0.51 0.00	29.87 0.24 0.00	27.17 0.14 0.00	23.87 0.12 0.00
BETHLEHEM___GS2 323561	23.98 -0.10 0.00	23.02 -0.07 0.00	22.35 0.00 0.00	21.98 -0.04 0.00	23.11 -0.02 0.00	25.85 0.00 0.00	31.39 0.16 0.00	31.98 0.28 0.00	29.74 -0.06 0.00	22.57 -0.21 0.00	21.19 -0.19 0.00	19.15 -0.13 0.00	18.80 0.04 0.00	18.77 0.06 0.00	23.03 0.12 0.00	28.30 0.28 0.00	23.88 0.19 0.00	24.94 0.07 0.00	30.00 0.38 0.00	31.46 0.59 0.00	32.41 0.51 0.00	29.87 0.24 0.00	27.17 0.14 0.00	23.87 0.12 0.00
BETHLEHEM___GS3 323562	23.98 -0.10 0.00	23.02 -0.07 0.00	22.35 0.00 0.00	21.98 -0.04 0.00	23.11 -0.02 0.00	25.85 0.00 0.00	31.39 0.16 0.00	31.98 0.28 0.00	29.74 -0.06 0.00	22.57 -0.21 0.00	21.19 -0.19 0.00	19.15 -0.13 0.00	18.80 0.04 0.00	18.77 0.06 0.00	23.03 0.12 0.00	28.30 0.28 0.00	23.88 0.19 0.00	24.94 0.07 0.00	30.00 0.38 0.00	31.46 0.59 0.00	32.41 0.51 0.00	29.87 0.24 0.00	27.17 0.14 0.00	23.87 0.12 0.00
BETHLEHEM___STEEL 23779	24.02 -0.05 0.00	23.55 0.46 0.00	22.66 0.31 0.00	22.49 0.46 0.00	23.38 0.25 0.00	25.98 0.13 0.00	30.73 -0.50 0.00	31.22 -0.48 0.00	29.53 -0.27 0.00	23.18 0.41 0.00	21.68 0.30 0.00	19.63 0.35 0.00	18.85 0.09 0.00	18.79 0.07 0.00	22.85 -0.07 0.00	26.90 -1.12 0.00	23.48 -0.21 0.00	24.81 -0.05 0.00	28.61 -1.01 0.00	29.85 -1.02 0.00	31.45 -0.45 0.00	29.39 -0.24 0.00	26.98 -0.05 0.00	23.94 0.19 0.00
BETHLHEM_115KV_TB1 79974	24.14 0.07 0.00	23.11 0.02 0.00	22.41 0.07 0.00	22.05 0.02 0.00	23.20 0.07 0.00	25.92 0.08 0.00	31.45 0.22 0.00	32.01 0.32 0.00	29.83 0.03 0.00	22.57 -0.20 0.00	21.19 -0.19 0.00	19.14 -0.13 0.00	18.80 0.04 0.00	18.77 0.06 0.00	23.03 0.11 0.00	28.39 0.36 0.00	23.88 0.19 0.00	24.96 0.10 0.00	29.95 0.33 0.00	31.49 0.62 0.00	32.44 0.54 0.00	29.90 0.27 0.00	27.20 0.16 0.00	23.89 0.14 0.00
BETHPAGE_CC_5 323564	26.34 2.26 0.00	25.28 2.19 0.00	24.13 1.79 0.00	23.98 1.96 0.00	24.98 1.85 0.00	28.44 2.58 -0.01	33.07 1.84 0.00	33.94 2.25 0.00	31.08 1.28 0.00	24.50 1.73 0.00	23.61 2.20 -0.02	21.31 2.02 0.00	20.73 1.95 -0.02	20.25 1.53 0.00	24.75 1.83 0.00	30.18 2.16 0.00	26.35 2.65 -0.01	27.63 2.61 -0.15	32.85 3.23 0.00	34.08 3.21 0.00	34.83 2.93 0.00	33.04 3.41 0.00	29.89 2.84 -0.02	26.30 2.54 -0.01
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	24.12 0.05 0.00	23.64 0.55 0.00	22.73 0.38 0.00	22.57 0.55 0.00	23.48 0.35 0.00	26.08 0.23 0.00	30.86 -0.37 0.00	31.34 -0.35 0.00	29.68 -0.12 0.00	23.25 0.48 0.00	21.77 0.38 0.00	19.68 0.40 0.00	18.91 0.15 0.00	18.86 0.15 0.00	22.94 0.02 0.00	27.02 -1.01 0.00	23.57 -0.12 0.00	24.91 0.05 0.00	28.76 -0.86 0.00	29.98 -0.90 0.00	31.58 -0.32 0.00	29.51 -0.12 0.00	27.09 0.05 0.00	24.06 0.31 0.00



BINGHAMTON___COGEN 23790	24.48 0.41 0.00	23.57 0.48 0.00	22.75 0.40 0.00	22.46 0.44 0.00	23.55 0.42 0.00	26.29 0.44 0.00	31.82 0.59 0.00	32.29 0.60 0.00	30.25 0.45 0.00	23.18 0.41 0.00	21.71 0.32 0.00	19.57 0.29 0.00	18.99 0.23 0.00	18.92 0.21 0.00	23.17 0.25 0.00	28.11 0.08 0.00	23.95 0.26 0.00	25.24 0.37 0.00	29.86 0.24 0.00	31.30 0.43 0.00	32.47 0.57 0.00	30.13 0.50 0.00	27.44 0.41 0.00	24.15 0.40 0.00
BIXINCNT_115KV_LOAD 355685	24.34 0.26 0.00	23.87 0.78 0.00	22.88 0.54 0.00	22.71 0.68 0.00	23.68 0.56 0.00	26.29 0.44 0.00	31.32 0.09 0.00	31.76 0.06 0.00	30.04 0.24 0.00	23.48 0.71 0.00	21.92 0.53 0.00	19.97 0.69 0.00	19.17 0.41 0.00	19.11 0.39 0.00	23.33 0.41 0.00	27.49 -0.53 0.00	23.97 0.28 0.00	25.41 0.55 0.00	29.38 -0.24 0.00	30.63 -0.25 0.00	32.22 0.32 0.00	30.13 0.50 0.00	27.55 0.51 0.00	24.44 0.69 0.00
BLACK RIVER___HYD 24047	24.07 0.00 0.00	23.04 -0.05 0.00	22.28 -0.07 0.00	21.98 -0.04 0.00	23.11 -0.02 0.00	25.90 0.05 0.00	31.54 0.31 0.00	31.98 0.28 0.00	29.65 -0.15 0.00	22.45 -0.32 0.00	20.91 -0.47 0.00	18.80 -0.48 0.00	18.26 -0.51 0.00	18.19 -0.52 0.00	22.30 -0.62 0.00	27.33 -0.70 0.00	23.07 -0.62 0.00	24.44 -0.42 0.00	29.44 -0.18 0.00	31.03 0.16 0.00	32.34 0.45 0.00	29.84 0.21 0.00	27.12 0.08 0.00	23.72 -0.02 0.00
BLACKRVR_115KV_TB2 79977	24.02 -0.05 0.00	23.04 -0.05 0.00	22.28 -0.07 0.00	21.98 -0.04 0.00	23.11 -0.02 0.00	25.90 0.05 0.00	31.54 0.31 0.00	31.98 0.29 0.00	29.65 -0.15 0.00	22.45 -0.32 0.00	20.91 -0.47 0.00	18.80 -0.48 0.00	18.25 -0.51 0.00	18.19 -0.52 0.00	22.30 -0.62 0.00	27.27 -0.76 0.00	23.07 -0.62 0.00	24.44 -0.42 0.00	29.44 -0.18 0.00	31.03 0.15 0.00	32.34 0.45 0.00	29.90 0.27 0.00	27.12 0.08 0.00	23.72 -0.02 0.00
BLISS_WT_PWR 323608	24.74 0.67 0.00	23.82 0.74 0.00	22.82 0.47 0.00	22.64 0.62 0.00	23.71 0.58 0.00	26.26 0.41 0.00	31.26 0.03 0.00	31.85 0.16 0.00	30.01 0.21 0.00	23.43 0.66 0.00	21.90 0.51 0.00	19.97 0.69 0.00	19.17 0.41 0.00	19.13 0.41 0.00	23.33 0.41 0.00	28.02 0.00 0.00	23.97 0.29 0.00	25.41 0.55 0.00	29.47 -0.15 0.00	30.56 -0.31 0.00	32.15 0.25 0.00	29.54 -0.09 0.00	27.52 0.49 0.00	24.41 0.66 0.00
BLUESTONE___WT_PWR 323821	25.88 1.81 0.00	24.77 1.68 0.00	23.96 1.61 0.00	23.63 1.61 0.00	24.82 1.69 0.00	27.79 1.94 0.00	34.04 2.81 0.00	36.89 5.20 0.00	33.76 3.96 0.00	25.37 2.60 0.00	23.35 1.97 0.00	20.78 1.50 0.00	20.15 1.39 0.00	20.10 1.38 0.00	24.98 2.06 0.00	31.02 3.00 0.00	24.97 1.28 0.00	26.38 1.52 0.00	31.57 1.95 0.00	33.12 2.25 0.00	34.48 2.58 0.00	31.67 2.04 0.00	28.90 1.86 0.00	25.32 1.57 0.00
BLUE_CIRC_CHEM_DRP 24182	24.43 0.36 0.00	23.39 0.30 0.00	22.68 0.34 0.00	22.33 0.31 0.00	23.50 0.37 0.00	26.26 0.41 0.00	31.95 0.72 0.00	32.45 0.76 0.00	30.19 0.39 0.00	22.80 0.02 0.00	21.34 -0.04 0.00	19.26 -0.02 0.00	18.82 0.06 0.00	18.79 0.07 0.00	23.10 0.18 0.00	28.59 0.56 0.00	24.00 0.31 0.00	25.16 0.30 0.00	30.18 0.56 0.00	31.71 0.83 0.00	32.69 0.80 0.00	30.19 0.56 0.00	27.50 0.46 0.00	24.15 0.40 0.00
BOC_GAS_DRP 24189	24.36 0.29 0.00	23.32 0.23 0.00	22.61 0.27 0.00	22.24 0.22 0.00	23.41 0.28 0.00	26.13 0.28 0.00	31.82 0.59 0.00	32.36 0.67 0.00	30.22 0.42 0.00	22.91 0.14 0.00	21.53 0.15 0.00	19.43 0.15 0.00	18.97 0.21 0.00	18.94 0.22 0.00	23.22 0.30 0.00	28.56 0.53 0.00	24.07 0.38 0.00	25.21 0.35 0.00	30.15 0.53 0.00	31.64 0.77 0.00	32.63 0.73 0.00	30.13 0.50 0.00	27.44 0.41 0.00	24.10 0.36 0.00
BOONVILLE_115KV_TB1 79983	24.50 0.43 0.00	23.50 0.42 0.00	22.75 0.40 0.00	22.42 0.40 0.00	23.55 0.42 0.00	26.39 0.54 0.00	32.11 0.87 0.00	32.68 0.98 0.00	30.48 0.69 0.00	23.14 0.36 0.00	21.62 0.24 0.00	19.43 0.15 0.00	18.91 0.15 0.00	18.86 0.15 0.00	23.15 0.23 0.00	28.39 0.36 0.00	23.97 0.28 0.00	25.26 0.40 0.00	30.27 0.65 0.00	31.74 0.86 0.00	32.95 1.05 0.00	30.49 0.86 0.00	27.71 0.68 0.00	24.27 0.52 0.00
BORALEX_4TH_BRANCH 23824	24.62 0.55 0.00	23.50 0.42 0.00	22.86 0.51 0.00	22.44 0.42 0.00	23.66 0.53 0.00	26.44 0.59 0.00	32.23 1.00 0.00	32.80 1.11 0.00	30.48 0.69 0.00	22.95 0.18 0.00	21.62 0.24 0.00	19.51 0.23 0.00	19.06 0.30 0.00	19.07 0.36 0.00	23.42 0.50 0.00	28.98 0.95 0.00	24.38 0.69 0.00	25.39 0.52 0.00	30.57 0.95 0.00	32.29 1.42 0.00	33.17 1.28 0.00	30.40 0.77 0.00	27.63 0.59 0.00	24.27 0.52 0.00
BOWLINE___1 23526	24.99 0.91 0.00	23.94 0.85 0.00	23.19 0.85 0.00	22.81 0.79 0.00	23.99 0.86 0.00	26.78 0.93 0.00	32.76 1.53 0.00	33.43 1.74 0.00	31.08 1.28 0.00	23.59 0.82 0.00	22.22 0.83 0.00	20.03 0.75 0.00	19.51 0.75 0.00	19.48 0.77 0.00	23.84 0.92 0.00	29.15 1.12 0.00	24.78 1.09 0.00	26.01 1.14 0.00	31.19 1.57 0.00	32.66 1.79 0.00	33.59 1.69 0.00	31.05 1.42 0.00	28.23 1.19 0.00	24.79 1.04 0.00
BOWLINE___2 23595	24.99 0.91 0.00	23.94 0.85 0.00	23.19 0.85 0.00	22.81 0.79 0.00	23.99 0.86 0.00	26.78 0.93 0.00	32.76 1.53 0.00	33.43 1.74 0.00	31.08 1.28 0.00	23.59 0.82 0.00	22.22 0.83 0.00	20.03 0.75 0.00	19.51 0.75 0.00	19.48 0.77 0.00	23.84 0.92 0.00	29.15 1.12 0.00	24.78 1.09 0.00	26.01 1.14 0.00	31.19 1.57 0.00	32.66 1.79 0.00	33.59 1.69 0.00	31.05 1.42 0.00	28.23 1.19 0.00	24.79 1.04 0.00
BRADY___115KV_TB2 356060	24.29 0.22 0.00	23.32 0.23 0.00	22.52 0.18 0.00	22.22 0.20 0.00	23.36 0.23 0.00	26.13 0.28 0.00	31.23 0.00 0.00	31.60 -0.10 0.00	29.86 0.06 0.00	22.86 0.09 0.00	21.45 0.06 0.00	19.26 -0.02 0.00	18.76 0.00 0.00	18.68 -0.04 0.00	22.76 -0.16 0.00	27.94 -0.08 0.00	23.59 -0.09 0.00	24.84 -0.02 0.00	29.62 0.00 0.00	30.63 -0.25 0.00	31.61 -0.29 0.00	29.57 -0.06 0.00	27.09 0.05 0.00	23.84 0.09 0.00
BRANSCOMB___SOLAR 323811	24.58 0.51 0.00	23.59 0.51 0.00	22.88 0.54 0.00	22.51 0.48 0.00	23.73 0.60 0.00	26.57 0.72 0.00	32.39 1.16 0.00	32.99 1.30 0.00	30.60 0.80 0.00	23.05 0.27 0.00	21.60 0.21 0.00	19.49 0.21 0.00	19.00 0.24 0.00	18.96 0.24 0.00	23.35 0.43 0.00	28.89 0.87 0.00	24.23 0.55 0.00	25.39 0.52 0.00	30.63 1.01 0.00	32.14 1.27 0.00	33.17 1.28 0.00	30.49 0.86 0.00	27.74 0.70 0.00	24.32 0.57 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	26.76 2.62 -0.06	25.45 2.35 -0.01	24.40 2.06 0.00	23.96 1.94 0.00	25.30 2.17 0.00	28.70 2.84 -0.01	33.65 1.78 -0.64	34.32 2.16 -0.48	32.90 3.10 0.00	24.78 2.00 0.00	23.81 2.33 -0.10	21.47 2.12 -0.07	20.95 2.04 -0.15	20.39 1.67 -0.01	24.96 2.04 0.00	31.53 3.50 0.00	26.65 2.96 0.00	28.38 2.81 -0.71	32.60 2.34 -0.64	35.88 3.15 -1.86	35.55 2.90 -0.75	32.25 2.10 -0.51	30.17 3.06 -0.08	26.51 2.75 -0.01



BRISTLHL_115KV_TB1 79998	23.52 -0.55 0.00	22.60 -0.48 0.00	21.83 -0.51 0.00	21.56 -0.46 0.00	22.62 -0.51 0.00	25.30 -0.54 0.00	30.67 -0.56 0.00	31.19 -0.51 0.00	29.23 -0.57 0.00	22.45 -0.32 0.00	21.02 -0.36 0.00	18.95 -0.33 0.00	18.39 -0.38 0.00	18.34 -0.37 0.00	22.48 -0.44 0.00	27.27 -0.76 0.00	23.10 -0.59 0.00	24.29 -0.57 0.00	28.82 -0.80 0.00	30.22 -0.65 0.00	31.39 -0.51 0.00	29.04 -0.59 0.00	26.44 -0.59 0.00	23.20 -0.55 0.00
BROOKHAVEN___DRP 24191	27.49 2.62 -0.80	25.54 2.33 -0.12	24.42 2.08 0.00	23.96 1.94 0.00	25.30 2.17 0.00	28.78 2.82 -0.12	41.34 1.72 -8.39	40.05 2.09 -6.27	32.84 3.04 0.00	24.73 1.96 0.00	24.75 2.33 -1.03	22.32 2.14 -0.90	22.56 2.06 -1.73	20.50 1.67 -0.12	24.89 1.97 0.00	31.47 3.45 0.00	26.60 2.91 0.00	35.06 2.71 -7.49	40.32 2.25 -8.45	58.38 3.03 -24.49	44.54 2.77 -9.87	38.42 2.01 -6.77	30.86 3.00 -0.82	26.60 2.73 -0.12
BROOKLYN_NAVY_YARD 23515	25.27 1.20 0.00	24.24 1.15 0.00	23.48 1.14 0.00	23.10 1.08 0.00	24.24 1.11 0.00	27.11 1.27 0.00	38.07 2.03 -4.81	43.95 2.28 -9.97	38.78 1.76 -7.22	38.02 1.18 -14.07	35.43 1.18 -12.87	35.43 1.06 -15.09	35.42 1.05 -15.61	35.40 1.07 -15.62	35.23 1.28 -11.03	34.83 1.62 -5.18	35.11 1.52 -9.90	34.95 1.57 -8.52	37.74 2.10 -6.01	39.74 2.38 -6.49	42.76 2.33 -8.53	34.34 1.92 -2.78	28.69 1.65 -0.01	26.10 1.42 -0.92
BROOKLYN___ARMY_DRP 323595	25.56 1.49 0.00	24.43 1.34 0.00	23.66 1.32 0.00	23.23 1.21 0.00	24.45 1.32 0.00	27.24 1.40 0.00	37.96 1.87 -4.86	43.85 2.09 -10.06	38.85 1.76 -7.29	38.04 1.07 -14.20	35.55 1.18 -12.99	35.55 1.04 -15.23	35.55 1.03 -15.76	35.53 1.05 -15.77	35.36 1.31 -11.13	35.08 1.82 -5.23	35.24 1.56 -9.99	35.08 1.62 -8.60	37.59 1.90 -6.07	39.71 2.28 -6.55	42.74 2.23 -8.61	34.45 2.01 -2.81	28.79 1.76 0.00	26.20 1.52 -0.93
BROOKVLE_69_KV_TB1 55790	26.00 1.93 0.00	24.82 1.73 0.00	23.84 1.50 0.00	23.41 1.39 0.00	24.68 1.55 0.00	27.84 1.99 0.00	33.29 2.06 0.00	34.04 2.35 0.00	32.18 2.38 0.00	24.25 1.48 0.00	23.14 1.73 -0.02	20.86 1.58 0.00	20.31 1.54 -0.01	20.02 1.31 0.00	24.52 1.60 0.00	30.55 2.52 0.00	25.80 2.11 0.00	27.12 2.14 -0.12	31.84 2.22 0.00	33.71 2.84 0.00	34.61 2.71 0.00	31.76 2.13 0.00	29.38 2.33 -0.02	25.79 2.04 0.00
BROOME_2_LFGE 323671	24.60 0.53 0.00	23.57 0.49 0.00	22.75 0.40 0.00	22.46 0.44 0.00	23.57 0.44 0.00	26.29 0.44 0.00	31.82 0.59 0.00	32.36 0.67 0.00	30.22 0.42 0.00	23.18 0.41 0.00	21.71 0.32 0.00	19.57 0.29 0.00	18.99 0.23 0.00	18.92 0.21 0.00	23.17 0.25 0.00	28.19 0.17 0.00	23.93 0.24 0.00	25.24 0.37 0.00	29.95 0.33 0.00	31.27 0.40 0.00	32.47 0.57 0.00	29.96 0.33 0.00	27.44 0.41 0.00	24.15 0.40 0.00
BROOME___LFGE 323600	24.60 0.53 0.00	23.57 0.49 0.00	22.75 0.40 0.00	22.46 0.44 0.00	23.57 0.44 0.00	26.29 0.44 0.00	31.82 0.59 0.00	32.36 0.67 0.00	30.22 0.42 0.00	23.18 0.41 0.00	21.71 0.32 0.00	19.57 0.29 0.00	18.99 0.23 0.00	18.92 0.21 0.00	23.17 0.25 0.00	28.19 0.17 0.00	23.93 0.24 0.00	25.24 0.37 0.00	29.95 0.33 0.00	31.27 0.40 0.00	32.47 0.57 0.00	29.96 0.33 0.00	27.44 0.41 0.00	24.15 0.40 0.00
BROWNFLS_115KV_TB_3_5 80003	23.95 -0.12 0.00	22.95 -0.14 0.00	22.21 -0.13 0.00	21.89 -0.13 0.00	23.01 -0.12 0.00	25.77 -0.08 0.00	30.98 -0.25 0.00	31.41 -0.29 0.00	29.47 -0.33 0.00	22.41 -0.36 0.00	20.98 -0.41 0.00	18.86 -0.42 0.00	18.35 -0.41 0.00	18.28 -0.43 0.00	22.28 -0.64 0.00	27.35 -0.67 0.00	23.07 -0.62 0.00	24.37 -0.50 0.00	29.18 -0.44 0.00	30.41 -0.46 0.00	31.51 -0.38 0.00	29.30 -0.33 0.00	26.77 -0.27 0.00	23.58 -0.17 0.00
BROWNSV1_27_KV_LOAD 356125	25.59 1.52 0.00	24.45 1.36 0.00	23.69 1.34 0.00	23.28 1.26 0.00	24.47 1.34 0.00	27.35 1.50 0.00	38.42 2.37 -4.81	44.23 2.57 -9.97	39.23 2.21 -7.22	38.23 1.39 -14.07	35.64 1.39 -12.87	35.63 1.25 -15.09	35.61 1.24 -15.61	35.59 1.25 -15.62	35.46 1.51 -11.03	35.22 2.02 -5.18	35.34 1.75 -9.90	35.18 1.79 -8.52	37.86 2.22 -6.01	40.01 2.65 -6.49	43.04 2.62 -8.53	34.63 2.22 -2.78	28.93 1.89 0.00	26.31 1.64 -0.92
BURROWS___LYONSDAL 23803	24.43 0.36 0.00	23.41 0.32 0.00	22.66 0.31 0.00	22.35 0.33 0.00	23.48 0.35 0.00	26.31 0.47 0.00	31.98 0.75 0.00	32.55 0.86 0.00	30.34 0.54 0.00	23.02 0.25 0.00	21.51 0.13 0.00	19.34 0.06 0.00	18.80 0.04 0.00	18.75 0.04 0.00	23.01 0.09 0.00	28.19 0.17 0.00	23.83 0.14 0.00	25.11 0.25 0.00	30.12 0.50 0.00	31.61 0.74 0.00	32.82 0.92 0.00	30.37 0.74 0.00	27.61 0.57 0.00	24.18 0.43 0.00
CAITHNESS_CC_1 323624	27.25 2.38 -0.80	25.52 2.31 -0.12	24.42 2.08 0.00	24.12 2.09 0.00	25.28 2.15 0.00	28.74 2.77 -0.13	41.32 1.69 -8.40	40.09 2.12 -6.27	31.23 1.43 0.00	24.69 1.91 0.00	24.73 2.31 -1.04	22.30 2.12 -0.90	22.54 2.05 -1.73	20.48 1.65 -0.12	24.89 1.97 0.00	30.35 2.32 0.00	26.61 2.91 -0.01	35.07 2.71 -7.50	41.34 3.26 -8.47	58.57 3.18 -24.52	44.65 2.87 -9.88	39.91 3.49 -6.78	30.86 3.00 -0.82	26.58 2.71 -0.13
CALPINE BETH_PAGE_GT4 24209	26.53 2.46 0.00	25.28 2.19 0.00	24.11 1.77 0.00	23.67 1.65 0.00	24.98 1.85 0.00	28.40 2.56 0.00	33.10 1.87 0.00	33.94 2.25 0.00	32.54 2.74 0.00	24.50 1.73 0.00	23.61 2.20 -0.02	21.31 2.02 0.00	20.73 1.95 -0.02	20.23 1.52 0.00	24.73 1.81 0.00	31.16 3.14 0.00	26.29 2.61 0.00	27.55 2.54 -0.15	31.87 2.25 0.00	33.87 2.99 0.00	34.67 2.77 0.00	31.64 2.01 0.00	29.81 2.76 -0.02	26.22 2.47 0.00
CALPINE_BETH_PAGE_GT_4 323586	26.34 2.26 0.00	25.28 2.19 0.00	24.11 1.76 0.00	23.98 1.96 0.00	24.96 1.83 0.00	28.41 2.56 -0.01	33.10 1.87 0.00	33.98 2.28 0.00	31.11 1.31 0.00	24.48 1.71 0.00	23.61 2.20 -0.02	21.31 2.02 -0.01	20.73 1.95 -0.02	20.23 1.52 0.00	24.73 1.81 0.00	30.15 2.13 0.00	26.30 2.61 -0.01	27.55 2.54 -0.15	32.79 3.17 0.00	34.02 3.15 0.00	34.77 2.87 0.00	32.95 3.32 0.00	29.82 2.76 -0.02	26.23 2.47 -0.01
CALPINE_BP_GT1 23823	26.34 2.26 0.00	25.28 2.19 0.00	24.11 1.76 0.00	23.98 1.96 0.00	24.96 1.83 0.00	28.41 2.56 -0.01	33.10 1.87 0.00	33.98 2.28 0.00	31.11 1.31 0.00	24.48 1.71 0.00	23.61 2.20 -0.02	21.31 2.02 -0.01	20.73 1.95 -0.02	20.23 1.52 0.00	24.73 1.81 0.00	30.15 2.13 0.00	26.30 2.61 -0.01	27.55 2.54 -0.15	32.79 3.17 0.00	34.02 3.15 0.00	34.77 2.87 0.00	32.95 3.32 0.00	29.82 2.76 -0.02	26.23 2.47 -0.01
CALSPAN___DRP 24200	24.02 -0.05 0.00	23.55 0.46 0.00	22.66 0.31 0.00	22.49 0.46 0.00	23.38 0.25 0.00	25.98 0.13 0.00	30.73 -0.50 0.00	31.22 -0.48 0.00	29.53 -0.27 0.00	23.18 0.41 0.00	21.68 0.30 0.00	19.63 0.35 0.00	18.85 0.09 0.00	18.79 0.07 0.00	22.85 -0.07 0.00	26.90 -1.12 0.00	23.48 -0.21 0.00	24.81 -0.05 0.00	28.61 -1.01 0.00	29.85 -1.02 0.00	31.45 -0.45 0.00	29.39 -0.24 0.00	26.98 -0.05 0.00	23.94 0.19 0.00



CALVERTON___SOLAR 323806	27.32 2.46 -0.80	25.59 2.38 -0.12	24.49 2.15 0.00	24.20 2.18 0.00	25.33 2.20 0.00	28.84 2.87 -0.13	41.40 1.78 -8.39	40.18 2.22 -6.27	31.29 1.49 0.00	24.73 1.96 0.00	24.79 2.37 -1.03	22.36 2.18 -0.90	22.59 2.10 -1.73	20.54 1.70 -0.12	24.91 1.99 0.00	30.38 2.35 0.00	26.63 2.94 -0.01	35.11 2.76 -7.49	41.39 3.32 -8.45	58.60 3.24 -24.49	44.70 2.93 -9.87	39.93 3.52 -6.77	30.92 3.05 -0.82	26.63 2.75 -0.13
CANDIGU_WT_PWR 323617	25.16 1.08 0.00	24.10 1.01 0.00	23.22 0.87 0.00	22.95 0.92 0.00	24.03 0.90 0.00	26.75 0.90 0.00	32.39 1.16 0.00	32.96 1.27 0.00	30.66 0.86 0.00	23.55 0.77 0.00	22.00 0.62 0.00	19.84 0.56 0.00	19.19 0.43 0.00	19.13 0.41 0.00	23.42 0.50 0.00	28.39 0.36 0.00	24.21 0.52 0.00	25.64 0.77 0.00	30.30 0.68 0.00	31.64 0.77 0.00	32.95 1.05 0.00	30.28 0.65 0.00	27.85 0.81 0.00	24.51 0.76 0.00
CARR STREET_E_SYR 24060	23.85 -0.22 0.00	22.83 -0.25 0.00	22.05 -0.29 0.00	21.78 -0.24 0.00	22.85 -0.28 0.00	25.56 -0.28 0.00	30.95 -0.28 0.00	31.50 -0.19 0.00	29.50 -0.30 0.00	22.68 -0.09 0.00	21.26 -0.13 0.00	19.16 -0.11 0.00	18.59 -0.17 0.00	18.55 -0.17 0.00	22.73 -0.18 0.00	27.66 -0.37 0.00	23.36 -0.33 0.00	24.54 -0.32 0.00	29.14 -0.48 0.00	30.50 -0.37 0.00	31.67 -0.22 0.00	29.19 -0.44 0.00	26.69 -0.35 0.00	23.42 -0.33 0.00
CARTHAGE___PAPER 23857	24.02 -0.05 0.00	22.99 -0.09 0.00	22.26 -0.09 0.00	21.94 -0.09 0.00	23.06 -0.07 0.00	25.85 0.00 0.00	31.42 0.19 0.00	31.85 0.16 0.00	29.62 -0.18 0.00	22.43 -0.34 0.00	20.93 -0.45 0.00	18.82 -0.46 0.00	18.29 -0.47 0.00	18.23 -0.49 0.00	22.30 -0.62 0.00	27.35 -0.67 0.00	23.12 -0.57 0.00	24.49 -0.37 0.00	29.47 -0.15 0.00	30.96 0.09 0.00	32.25 0.35 0.00	29.81 0.18 0.00	27.12 0.08 0.00	23.75 0.00 0.00
CASSADAGA_WT_PWR 323784	25.08 1.01 0.00	23.96 0.88 0.00	23.04 0.69 0.00	22.88 0.86 0.00	23.89 0.76 0.00	26.47 0.62 0.00	31.54 0.31 0.00	32.20 0.51 0.00	30.27 0.48 0.00	23.68 0.91 0.00	22.24 0.86 0.00	20.15 0.87 0.00	19.38 0.62 0.00	19.35 0.64 0.00	23.60 0.69 0.00	28.33 0.31 0.00	24.26 0.57 0.00	25.68 0.82 0.00	29.80 0.18 0.00	30.93 0.06 0.00	32.47 0.57 0.00	29.75 0.12 0.00	27.77 0.73 0.00	24.60 0.85 0.00
CE_DUNWOOD___DRP 24194	25.20 1.13 0.00	24.08 0.99 0.00	23.33 0.98 0.00	22.95 0.92 0.00	24.15 1.02 0.00	26.96 1.11 0.00	33.04 1.81 0.00	33.66 1.96 0.00	31.44 1.64 0.00	23.75 0.98 0.00	22.39 1.01 0.00	20.19 0.91 0.00	19.64 0.88 0.00	19.61 0.90 0.00	24.02 1.10 0.00	29.57 1.54 0.00	25.02 1.33 0.00	26.21 1.34 0.00	31.28 1.66 0.00	32.94 2.07 0.00	33.91 2.01 0.00	31.32 1.69 0.00	28.44 1.41 0.00	24.98 1.23 0.00
CE_MILLWOOD___DRP 24193	25.15 1.08 0.00	24.06 0.97 0.00	23.31 0.96 0.00	22.90 0.88 0.00	24.10 0.97 0.00	26.91 1.06 0.00	32.98 1.75 0.00	33.59 1.90 0.00	31.38 1.58 0.00	23.68 0.91 0.00	22.33 0.94 0.00	20.13 0.85 0.00	19.61 0.84 0.00	19.58 0.86 0.00	23.95 1.03 0.00	29.48 1.46 0.00	24.94 1.26 0.00	26.13 1.27 0.00	31.22 1.60 0.00	32.88 2.01 0.00	33.84 1.95 0.00	31.26 1.63 0.00	28.39 1.35 0.00	24.91 1.16 0.00
CE_NYC2_DRP 24202	25.44 1.37 0.00	24.31 1.22 0.00	23.55 1.21 0.00	23.15 1.12 0.00	24.36 1.23 0.00	27.16 1.32 0.00	37.93 1.84 -4.86	43.78 2.03 -10.06	38.82 1.73 -7.29	38.00 1.02 -14.20	35.48 1.11 -12.99	35.50 0.98 -15.23	35.50 0.98 -15.76	35.48 0.99 -15.77	35.26 1.21 -11.13	34.94 1.68 -5.23	35.13 1.44 -9.99	34.96 1.49 -8.60	37.47 1.78 -6.07	39.58 2.16 -6.55	42.61 2.11 -8.61	34.28 1.84 -2.81	28.63 1.60 0.00	26.06 1.38 -0.93
CE_NYC_DRP 24195	25.42 1.35 0.00	24.31 1.22 0.00	23.55 1.21 0.00	23.15 1.12 0.00	24.33 1.20 0.00	27.16 1.32 0.00	38.16 2.12 -4.80	43.96 2.31 -9.95	38.97 1.97 -7.21	38.04 1.23 -14.04	35.47 1.24 -12.84	35.46 1.12 -15.06	35.43 1.09 -15.58	35.41 1.10 -15.59	35.25 1.33 -11.01	35.02 1.82 -5.17	35.13 1.56 -9.88	34.99 1.62 -8.51	37.61 1.98 -6.00	39.76 2.41 -6.48	42.77 2.36 -8.52	34.39 1.99 -2.78	28.71 1.68 0.00	26.14 1.47 -0.92
CHAFFEE___LFGE 323603	24.65 0.58 0.00	23.62 0.53 0.00	22.70 0.36 0.00	22.55 0.53 0.00	23.52 0.39 0.00	26.05 0.21 0.00	30.86 -0.37 0.00	31.47 -0.22 0.00	29.68 -0.12 0.00	23.25 0.48 0.00	21.77 0.39 0.00	19.66 0.39 0.00	18.91 0.15 0.00	18.85 0.13 0.00	22.94 0.02 0.00	27.61 -0.42 0.00	23.57 -0.12 0.00	24.91 0.05 0.00	28.82 -0.80 0.00	29.95 -0.93 0.00	31.55 -0.35 0.00	28.92 -0.71 0.00	27.09 0.05 0.00	24.03 0.29 0.00
CHATEAUG_35_KV_LOAD 355732	24.48 0.41 0.00	23.46 0.37 0.00	22.66 0.31 0.00	22.31 0.29 0.00	23.41 0.28 0.00	26.13 0.28 0.00	30.92 -0.31 0.00	31.38 -0.32 0.00	29.83 0.03 0.00	23.14 0.36 0.00	21.81 0.43 0.00	19.65 0.37 0.00	19.12 0.36 0.00	19.01 0.30 0.00	23.15 0.23 0.00	28.42 0.39 0.00	24.02 0.33 0.00	25.34 0.47 0.00	30.03 0.41 0.00	30.96 0.09 0.00	31.74 -0.16 0.00	29.63 0.00 0.00	27.09 0.05 0.00	23.82 0.07 0.00
CHATEAUG_WT_PWR 323614	24.48 0.41 0.00	23.48 0.39 0.00	22.66 0.31 0.00	22.31 0.29 0.00	23.38 0.25 0.00	26.13 0.28 0.00	30.89 -0.34 0.00	30.81 -0.89 0.00	29.89 0.09 0.00	23.18 0.41 0.00	21.88 0.49 0.00	19.70 0.42 0.00	19.17 0.41 0.00	19.07 0.35 0.00	23.22 0.30 0.00	28.47 0.45 0.00	24.07 0.38 0.00	25.36 0.50 0.00	29.95 0.33 0.00	30.96 0.09 0.00	31.71 -0.19 0.00	29.69 0.06 0.00	27.04 0.00 0.00	23.77 0.02 0.00
CHAT_HIGH_FALL_HYD 323578	24.48 0.41 0.00	23.46 0.37 0.00	22.66 0.31 0.00	22.31 0.29 0.00	23.41 0.28 0.00	26.13 0.28 0.00	30.92 -0.31 0.00	31.38 -0.32 0.00	29.83 0.03 0.00	23.14 0.36 0.00	21.81 0.43 0.00	19.65 0.37 0.00	19.12 0.36 0.00	19.01 0.30 0.00	23.15 0.23 0.00	28.42 0.39 0.00	24.02 0.33 0.00	25.34 0.47 0.00	30.03 0.41 0.00	30.96 0.09 0.00	31.74 -0.16 0.00	29.63 0.00 0.00	27.09 0.05 0.00	23.82 0.07 0.00
CHAUTAUQUA___LFGE 323629	24.94 0.87 0.00	23.87 0.79 0.00	22.97 0.62 0.00	22.79 0.77 0.00	23.80 0.67 0.00	26.34 0.49 0.00	31.29 0.06 0.00	31.95 0.25 0.00	30.07 0.27 0.00	23.55 0.77 0.00	22.07 0.68 0.00	19.95 0.67 0.00	19.19 0.43 0.00	19.15 0.43 0.00	23.31 0.39 0.00	28.00 -0.03 0.00	23.95 0.26 0.00	25.36 0.50 0.00	29.38 -0.24 0.00	30.50 -0.37 0.00	32.09 0.19 0.00	29.42 -0.21 0.00	27.52 0.49 0.00	24.39 0.64 0.00
CHERRYST_13_KV_LD 356241	25.47 1.40 0.00	24.36 1.27 0.00	23.60 1.25 0.00	23.19 1.17 0.00	24.40 1.27 0.00	27.24 1.40 0.00	38.28 2.25 -4.80	44.05 2.41 -9.95	39.09 2.09 -7.21	38.11 1.30 -14.04	35.53 1.30 -12.84	35.52 1.18 -15.06	35.51 1.16 -15.58	35.49 1.18 -15.59	35.35 1.42 -11.01	35.10 1.91 -5.17	35.20 1.63 -9.88	35.06 1.69 -8.51	37.70 2.07 -6.00	39.85 2.50 -6.48	42.87 2.46 -8.52	34.45 2.04 -2.78	28.79 1.76 0.00	26.21 1.54 -0.92



CHESTROR_138KV_BK263 355645	24.91 0.84 0.00	23.82 0.74 0.00	23.08 0.74 0.00	22.71 0.68 0.00	23.89 0.76 0.00	26.65 0.80 0.00	32.57 1.34 0.00	33.15 1.46 0.00	30.99 1.19 0.00	23.41 0.64 0.00	22.05 0.66 0.00	19.88 0.60 0.00	19.34 0.58 0.00	19.31 0.60 0.00	23.65 0.73 0.00	29.06 1.04 0.00	24.59 0.90 0.00	25.78 0.92 0.00	30.80 1.18 0.00	32.38 1.51 0.00	33.33 1.44 0.00	30.84 1.21 0.00	28.04 1.00 0.00	24.60 0.85 0.00
CH_MIDHUDSON___DRP 24192	25.32 1.25 0.00	24.17 1.09 0.00	23.44 1.09 0.00	23.06 1.04 0.00	24.29 1.16 0.00	27.16 1.32 0.00	33.32 2.09 0.00	33.82 2.12 0.00	31.53 1.73 0.00	23.66 0.89 0.00	22.26 0.88 0.00	20.05 0.77 0.00	19.49 0.73 0.00	19.44 0.73 0.00	23.95 1.03 0.00	29.51 1.49 0.00	24.90 1.21 0.00	26.08 1.22 0.00	31.25 1.63 0.00	33.00 2.13 0.00	33.94 2.04 0.00	31.35 1.72 0.00	28.39 1.35 0.00	24.91 1.16 0.00
CH_MISC_IPPS 23765	25.23 1.16 0.00	24.17 1.09 0.00	23.44 1.09 0.00	23.06 1.04 0.00	24.26 1.13 0.00	27.14 1.29 0.00	33.23 2.00 0.00	33.82 2.12 0.00	31.38 1.58 0.00	23.68 0.91 0.00	22.26 0.88 0.00	20.05 0.77 0.00	19.47 0.71 0.00	19.44 0.73 0.00	23.93 1.01 0.00	29.37 1.35 0.00	24.90 1.21 0.00	26.08 1.22 0.00	31.37 1.75 0.00	32.97 2.10 0.00	33.91 2.01 0.00	31.32 1.69 0.00	28.39 1.35 0.00	24.91 1.16 0.00
CH_RES_BVR_FALLS 23983	24.00 -0.07 0.00	23.04 -0.05 0.00	22.28 -0.07 0.00	21.96 -0.07 0.00	23.06 -0.07 0.00	25.77 -0.08 0.00	30.95 -0.28 0.00	31.31 -0.38 0.00	29.68 -0.12 0.00	22.70 -0.07 0.00	21.32 -0.06 0.00	19.22 -0.06 0.00	18.70 -0.06 0.00	18.66 -0.06 0.00	22.80 -0.11 0.00	27.91 -0.11 0.00	23.59 -0.09 0.00	24.79 -0.07 0.00	29.44 -0.18 0.00	30.56 -0.31 0.00	31.55 -0.35 0.00	29.45 -0.18 0.00	26.88 -0.16 0.00	23.61 -0.14 0.00
CH_RES_NIAGARA 23895	22.96 -1.11 0.00	22.56 -0.53 0.00	21.70 -0.65 0.00	21.63 -0.40 0.00	22.39 -0.74 0.00	24.89 -0.96 0.00	29.23 -2.00 0.00	29.70 -2.00 0.00	28.13 -1.67 0.00	22.16 -0.61 0.00	20.74 -0.64 0.00	18.76 -0.52 0.00	18.01 -0.75 0.00	17.97 -0.75 0.00	21.82 -1.10 0.00	25.61 -2.41 0.00	22.39 -1.30 0.00	23.60 -1.27 0.00	27.16 -2.46 0.00	28.31 -2.56 0.00	29.86 -2.04 0.00	27.94 -1.69 0.00	25.74 -1.30 0.00	22.85 -0.90 0.00
CH_RES_SYRACUSE 23985	24.00 -0.07 0.00	22.97 -0.11 0.00	22.19 -0.16 0.00	21.91 -0.11 0.00	22.99 -0.14 0.00	25.72 -0.13 0.00	31.20 -0.03 0.00	31.76 0.06 0.00	29.71 -0.09 0.00	22.82 0.05 0.00	21.36 -0.02 0.00	19.26 -0.02 0.00	18.70 -0.06 0.00	18.64 -0.07 0.00	22.85 -0.07 0.00	27.83 -0.19 0.00	23.50 -0.19 0.00	24.72 -0.15 0.00	29.35 -0.27 0.00	30.72 -0.15 0.00	31.93 0.03 0.00	29.39 -0.24 0.00	26.88 -0.16 0.00	23.58 -0.17 0.00
CLINTON_WT_PWR 323605	24.48 0.41 0.00	23.48 0.39 0.00	22.66 0.31 0.00	22.31 0.29 0.00	23.38 0.25 0.00	26.13 0.28 0.00	30.89 -0.34 0.00	30.81 -0.89 0.00	29.89 0.09 0.00	23.18 0.41 0.00	21.88 0.49 0.00	19.70 0.42 0.00	19.17 0.41 0.00	19.07 0.35 0.00	23.22 0.30 0.00	28.47 0.45 0.00	24.07 0.38 0.00	25.36 0.50 0.00	29.95 0.33 0.00	30.96 0.09 0.00	31.71 -0.19 0.00	29.69 0.06 0.00	27.04 0.00 0.00	23.77 0.02 0.00
CLINTON___LFGE 323618	24.91 0.84 0.00	23.89 0.81 0.00	23.04 0.69 0.00	22.71 0.68 0.00	23.80 0.67 0.00	26.57 0.72 0.00	31.20 -0.03 0.00	30.93 -0.76 0.00	30.31 0.51 0.00	23.64 0.87 0.00	22.35 0.96 0.00	20.09 0.81 0.00	19.55 0.79 0.00	19.41 0.69 0.00	23.58 0.67 0.00	28.98 0.95 0.00	24.52 0.83 0.00	25.88 1.02 0.00	30.54 0.92 0.00	31.61 0.74 0.00	32.31 0.41 0.00	30.22 0.59 0.00	27.44 0.41 0.00	24.10 0.36 0.00
COBBLENY_34_KV_TB1 80064	24.12 0.05 0.00	23.62 0.53 0.00	22.70 0.36 0.00	22.55 0.53 0.00	23.45 0.32 0.00	26.05 0.21 0.00	30.82 -0.41 0.00	31.31 -0.38 0.00	29.65 -0.15 0.00	23.25 0.48 0.00	21.77 0.38 0.00	19.66 0.39 0.00	18.91 0.15 0.00	18.85 0.13 0.00	22.94 0.02 0.00	27.02 -1.01 0.00	23.57 -0.12 0.00	24.91 0.05 0.00	28.76 -0.86 0.00	30.01 -0.86 0.00	31.58 -0.32 0.00	29.51 -0.12 0.00	27.09 0.05 0.00	24.03 0.28 0.00
COFFEEN___115KV_TB3 355620	24.14 0.07 0.00	23.16 0.07 0.00	22.39 0.04 0.00	22.09 0.07 0.00	23.22 0.09 0.00	26.03 0.18 0.00	31.76 0.53 0.00	32.20 0.51 0.00	29.80 0.00 0.00	22.50 -0.27 0.00	20.96 -0.43 0.00	18.84 -0.44 0.00	18.27 -0.49 0.00	18.21 -0.51 0.00	22.35 -0.57 0.00	27.32 -0.70 0.00	23.12 -0.57 0.00	24.52 -0.35 0.00	29.59 -0.03 0.00	31.21 0.34 0.00	32.60 0.70 0.00	30.07 0.44 0.00	27.28 0.24 0.00	23.84 0.09 0.00
COLDSPRG_115KV_BK1 355956	25.06 0.99 0.00	24.45 1.36 0.00	23.51 1.16 0.00	23.32 1.30 0.00	24.33 1.20 0.00	26.98 1.14 0.00	32.23 1.00 0.00	32.68 0.98 0.00	30.81 1.01 0.00	24.02 1.25 0.00	22.50 1.11 0.00	20.34 1.06 0.00	19.55 0.79 0.00	19.50 0.79 0.00	23.86 0.94 0.00	28.14 0.11 0.00	24.54 0.85 0.00	26.03 1.17 0.00	30.15 0.53 0.00	31.46 0.59 0.00	33.01 1.12 0.00	30.84 1.21 0.00	28.20 1.16 0.00	25.01 1.26 0.00
COLONIE_LFGE___ 323577	24.38 0.31 0.00	23.43 0.35 0.00	22.75 0.40 0.00	22.35 0.33 0.00	23.55 0.42 0.00	26.34 0.49 0.00	32.04 0.81 0.00	32.64 0.95 0.00	30.34 0.54 0.00	22.93 0.16 0.00	21.55 0.17 0.00	19.45 0.17 0.00	19.00 0.24 0.00	18.98 0.26 0.00	23.31 0.39 0.00	28.73 0.70 0.00	24.16 0.47 0.00	25.26 0.40 0.00	30.42 0.80 0.00	31.95 1.08 0.00	32.92 1.02 0.00	30.25 0.62 0.00	27.52 0.49 0.00	24.18 0.43 0.00
COOPERNY_115KV_TB1 80082	24.72 0.65 0.00	23.66 0.58 0.00	22.93 0.58 0.00	22.55 0.53 0.00	23.73 0.60 0.00	26.47 0.62 0.00	32.29 1.06 0.00	32.87 1.17 0.00	30.72 0.92 0.00	23.30 0.52 0.00	21.92 0.53 0.00	19.76 0.48 0.00	19.23 0.47 0.00	19.18 0.47 0.00	23.49 0.57 0.00	28.81 0.78 0.00	24.40 0.71 0.00	25.61 0.75 0.00	30.54 0.92 0.00	32.05 1.17 0.00	33.04 1.15 0.00	30.61 0.98 0.00	27.82 0.78 0.00	24.44 0.69 0.00
COPENHAGEN_WT_PWR 323753	24.02 -0.05 0.00	22.99 -0.09 0.00	22.23 -0.11 0.00	21.94 -0.09 0.00	23.06 -0.07 0.00	25.85 0.00 0.00	31.45 0.22 0.00	31.92 0.22 0.00	29.59 -0.21 0.00	22.43 -0.34 0.00	20.93 -0.45 0.00	18.82 -0.46 0.00	18.27 -0.49 0.00	18.21 -0.50 0.00	22.32 -0.60 0.00	27.33 -0.70 0.00	23.05 -0.64 0.00	24.42 -0.45 0.00	29.38 -0.24 0.00	30.93 0.06 0.00	32.25 0.35 0.00	29.75 0.12 0.00	27.06 0.03 0.00	23.68 -0.07 0.00
CORNELL_____ 23752	24.62 0.55 0.00	23.69 0.60 0.00	22.88 0.54 0.00	22.60 0.57 0.00	23.68 0.56 0.00	26.49 0.65 0.00	32.20 0.97 0.00	32.87 1.17 0.00	30.63 0.83 0.00	23.41 0.64 0.00	21.81 0.43 0.00	19.63 0.35 0.00	19.02 0.26 0.00	18.96 0.24 0.00	23.28 0.37 0.00	28.33 0.31 0.00	24.02 0.33 0.00	25.36 0.50 0.00	30.15 0.53 0.00	31.67 0.80 0.00	32.92 1.02 0.00	30.40 0.77 0.00	27.66 0.62 0.00	24.27 0.52 0.00



CORONA_69_KV_TB1 355595	26.52 2.46 0.01	25.26 2.17 0.00	24.07 1.72 0.00	23.65 1.63 0.00	24.96 1.83 0.00	28.40 2.56 0.00	33.10 1.87 0.00	33.91 2.22 0.00	32.51 2.71 0.00	24.46 1.69 0.00	23.56 2.16 -0.01	21.28 2.01 0.01	20.69 1.93 0.00	20.19 1.48 0.00	24.71 1.79 0.00	31.14 3.11 0.00	26.25 2.56 0.00	27.46 2.54 -0.06	31.96 2.34 0.00	33.99 3.12 0.00	34.80 2.90 0.00	31.76 2.13 0.00	29.91 2.87 -0.01	26.31 2.56 0.00
CORTLAND_115KV_TB3 80093	24.55 0.48 0.00	23.55 0.46 0.00	22.77 0.42 0.00	22.49 0.46 0.00	23.59 0.46 0.00	26.44 0.59 0.00	32.20 0.97 0.00	32.90 1.20 0.00	30.66 0.86 0.00	23.39 0.61 0.00	21.83 0.45 0.00	19.66 0.39 0.00	19.10 0.34 0.00	19.03 0.32 0.00	23.38 0.46 0.00	28.53 0.50 0.00	24.14 0.45 0.00	25.44 0.57 0.00	30.33 0.71 0.00	31.86 0.99 0.00	33.14 1.24 0.00	30.58 0.95 0.00	27.77 0.73 0.00	24.29 0.55 0.00
COXSACKIE___GT 23611	24.84 0.77 0.00	23.82 0.74 0.00	23.13 0.78 0.00	22.75 0.73 0.00	24.06 0.93 0.00	27.04 1.19 0.00	33.04 1.81 0.00	33.40 1.71 0.00	30.78 0.98 0.00	22.89 0.11 0.00	21.34 -0.04 0.00	19.18 -0.10 0.00	18.76 0.00 0.00	18.70 -0.02 0.00	23.22 0.30 0.00	28.75 0.73 0.00	24.12 0.43 0.00	25.29 0.42 0.00	30.68 1.06 0.00	32.35 1.48 0.00	33.36 1.47 0.00	30.73 1.10 0.00	27.82 0.78 0.00	24.41 0.66 0.00
CPV_VALLEY___CC1 323721	24.70 0.62 0.00	23.66 0.58 0.00	22.93 0.58 0.00	22.57 0.55 0.00	23.71 0.58 0.00	26.49 0.65 0.00	32.32 1.09 0.00	32.96 1.27 0.00	30.66 0.86 0.00	23.30 0.52 0.00	21.94 0.56 0.00	19.78 0.50 0.00	19.25 0.49 0.00	19.22 0.51 0.00	23.54 0.62 0.00	28.78 0.76 0.00	24.45 0.76 0.00	25.66 0.80 0.00	30.72 1.10 0.00	32.17 1.30 0.00	33.11 1.21 0.00	30.61 0.98 0.00	27.88 0.84 0.00	24.46 0.71 0.00
CPV_VALLEY___CC2 323722	24.70 0.62 0.00	23.66 0.58 0.00	22.93 0.58 0.00	22.57 0.55 0.00	23.71 0.58 0.00	26.49 0.65 0.00	32.32 1.09 0.00	32.96 1.27 0.00	30.66 0.86 0.00	23.30 0.52 0.00	21.94 0.56 0.00	19.78 0.50 0.00	19.25 0.49 0.00	19.22 0.51 0.00	23.54 0.62 0.00	28.78 0.76 0.00	24.45 0.76 0.00	25.66 0.80 0.00	30.72 1.10 0.00	32.17 1.30 0.00	33.11 1.21 0.00	30.61 0.98 0.00	27.88 0.84 0.00	24.46 0.71 0.00
CRESCENT___HYD 24018	24.38 0.31 0.00	23.43 0.35 0.00	22.75 0.40 0.00	22.35 0.33 0.00	23.55 0.42 0.00	26.34 0.49 0.00	32.04 0.81 0.00	32.64 0.95 0.00	30.34 0.54 0.00	22.93 0.16 0.00	21.55 0.17 0.00	19.45 0.17 0.00	19.00 0.24 0.00	18.98 0.26 0.00	23.31 0.39 0.00	28.73 0.70 0.00	24.16 0.47 0.00	25.26 0.40 0.00	30.42 0.80 0.00	31.95 1.08 0.00	32.92 1.02 0.00	30.25 0.62 0.00	27.52 0.49 0.00	24.18 0.43 0.00
CRICKET___VALLEY_CC1 323756	24.55 0.48 0.00	23.55 0.46 0.00	22.88 0.54 0.00	22.46 0.44 0.00	23.64 0.51 0.00	26.41 0.57 0.00	32.26 1.03 0.00	32.90 1.20 0.00	30.51 0.71 0.00	23.11 0.34 0.00	21.79 0.41 0.00	19.72 0.44 0.00	19.23 0.47 0.00	19.22 0.51 0.00	23.47 0.55 0.00	28.86 0.84 0.00	24.45 0.76 0.00	25.54 0.67 0.00	30.74 1.13 0.00	32.26 1.39 0.00	33.20 1.31 0.00	30.55 0.92 0.00	27.74 0.70 0.00	24.36 0.62 0.00
CRICKET___VALLEY_CC2 323757	24.55 0.48 0.00	23.55 0.46 0.00	22.88 0.54 0.00	22.46 0.44 0.00	23.64 0.51 0.00	26.41 0.57 0.00	32.26 1.03 0.00	32.90 1.20 0.00	30.51 0.71 0.00	23.11 0.34 0.00	21.79 0.41 0.00	19.72 0.44 0.00	19.23 0.47 0.00	19.22 0.51 0.00	23.47 0.55 0.00	28.86 0.84 0.00	24.45 0.76 0.00	25.54 0.67 0.00	30.74 1.13 0.00	32.26 1.39 0.00	33.20 1.31 0.00	30.55 0.92 0.00	27.74 0.70 0.00	24.36 0.62 0.00
CRICKET___VALLEY_CC3 323758	24.55 0.48 0.00	23.55 0.46 0.00	22.88 0.54 0.00	22.46 0.44 0.00	23.64 0.51 0.00	26.41 0.57 0.00	32.26 1.03 0.00	32.90 1.20 0.00	30.51 0.71 0.00	23.11 0.34 0.00	21.79 0.41 0.00	19.72 0.44 0.00	19.23 0.47 0.00	19.22 0.51 0.00	23.47 0.55 0.00	28.86 0.84 0.00	24.45 0.76 0.00	25.54 0.67 0.00	30.74 1.13 0.00	32.26 1.39 0.00	33.20 1.31 0.00	30.55 0.92 0.00	27.74 0.70 0.00	24.36 0.62 0.00
CRUCIBLE_METL_DRP 24180	23.90 -0.17 0.00	22.97 -0.12 0.00	22.19 -0.16 0.00	21.91 -0.11 0.00	22.99 -0.14 0.00	25.72 -0.13 0.00	31.20 -0.03 0.00	31.72 0.03 0.00	29.71 -0.09 0.00	22.82 0.05 0.00	21.36 -0.02 0.00	19.26 -0.02 0.00	18.70 -0.06 0.00	18.64 -0.07 0.00	22.85 -0.07 0.00	27.74 -0.28 0.00	23.50 -0.19 0.00	24.71 -0.15 0.00	29.32 -0.30 0.00	30.75 -0.12 0.00	31.93 0.03 0.00	29.51 -0.12 0.00	26.88 -0.16 0.00	23.58 -0.17 0.00
DAHOWA___HYDRO 323763	24.58 0.51 0.00	23.59 0.51 0.00	22.86 0.51 0.00	22.49 0.46 0.00	23.73 0.60 0.00	26.60 0.75 0.00	32.42 1.19 0.00	33.05 1.36 0.00	30.60 0.80 0.00	23.02 0.25 0.00	21.55 0.17 0.00	19.45 0.17 0.00	18.97 0.21 0.00	18.92 0.21 0.00	23.33 0.41 0.00	28.89 0.87 0.00	24.21 0.52 0.00	25.36 0.50 0.00	30.63 1.01 0.00	32.17 1.30 0.00	33.20 1.31 0.00	30.49 0.86 0.00	27.74 0.70 0.00	24.32 0.57 0.00
DANC___LFGE 323619	23.88 -0.19 0.00	22.86 -0.23 0.00	22.10 -0.25 0.00	21.82 -0.20 0.00	22.90 -0.23 0.00	25.61 -0.23 0.00	31.17 -0.06 0.00	31.63 -0.06 0.00	29.41 -0.39 0.00	22.43 -0.34 0.00	20.98 -0.41 0.00	18.87 -0.41 0.00	18.31 -0.45 0.00	18.27 -0.45 0.00	22.39 -0.53 0.00	27.33 -0.70 0.00	23.05 -0.64 0.00	24.34 -0.52 0.00	29.14 -0.48 0.00	30.62 -0.25 0.00	31.93 0.03 0.00	29.45 -0.18 0.00	26.85 -0.19 0.00	23.51 -0.24 0.00
DANSKAMMER___1 23586	25.23 1.16 0.00	24.17 1.09 0.00	23.44 1.09 0.00	23.06 1.04 0.00	24.26 1.13 0.00	27.14 1.29 0.00	33.23 2.00 0.00	33.82 2.12 0.00	31.38 1.58 0.00	23.68 0.91 0.00	22.26 0.88 0.00	20.05 0.77 0.00	19.47 0.71 0.00	19.44 0.73 0.00	23.93 1.01 0.00	29.37 1.35 0.00	24.90 1.21 0.00	26.08 1.22 0.00	31.37 1.75 0.00	32.97 2.10 0.00	33.91 2.01 0.00	31.32 1.69 0.00	28.39 1.35 0.00	24.91 1.16 0.00
DANSKAMMER___2 23589	25.23 1.16 0.00	24.17 1.09 0.00	23.44 1.09 0.00	23.06 1.04 0.00	24.26 1.13 0.00	27.14 1.29 0.00	33.23 2.00 0.00	33.82 2.12 0.00	31.38 1.58 0.00	23.68 0.91 0.00	22.26 0.88 0.00	20.05 0.77 0.00	19.47 0.71 0.00	19.44 0.73 0.00	23.93 1.01 0.00	29.37 1.35 0.00	24.90 1.21 0.00	26.08 1.22 0.00	31.37 1.75 0.00	32.97 2.10 0.00	33.91 2.01 0.00	31.32 1.69 0.00	28.39 1.35 0.00	24.91 1.16 0.00
DANSKAMMER___3 23590	25.23 1.16 0.00	24.17 1.09 0.00	23.44 1.09 0.00	23.06 1.04 0.00	24.26 1.13 0.00	27.14 1.29 0.00	33.23 2.00 0.00	33.82 2.12 0.00	31.38 1.58 0.00	23.68 0.91 0.00	22.26 0.88 0.00	20.05 0.77 0.00	19.47 0.71 0.00	19.44 0.73 0.00	23.93 1.01 0.00	29.37 1.35 0.00	24.90 1.21 0.00	26.08 1.22 0.00	31.37 1.75 0.00	32.97 2.10 0.00	33.91 2.01 0.00	31.32 1.69 0.00	28.39 1.35 0.00	24.91 1.16 0.00



DANSKAMMER___4 23591	25.23 1.16 0.00	24.17 1.09 0.00	23.44 1.09 0.00	23.06 1.04 0.00	24.26 1.13 0.00	27.14 1.29 0.00	33.23 2.00 0.00	33.82 2.12 0.00	31.38 1.58 0.00	23.68 0.91 0.00	22.26 0.88 0.00	20.05 0.77 0.00	19.47 0.71 0.00	19.44 0.73 0.00	23.93 1.01 0.00	29.37 1.35 0.00	24.90 1.21 0.00	26.08 1.22 0.00	31.37 1.75 0.00	32.97 2.10 0.00	33.91 2.01 0.00	31.32 1.69 0.00	28.39 1.35 0.00	24.91 1.16 0.00
DANSKAMMER___DIESEL 23592	25.30 1.23 0.00	24.17 1.09 0.00	23.44 1.09 0.00	23.04 1.01 0.00	24.26 1.13 0.00	27.14 1.29 0.00	33.29 2.06 0.00	33.78 2.09 0.00	31.50 1.70 0.00	23.66 0.89 0.00	22.26 0.88 0.00	20.05 0.77 0.00	19.47 0.71 0.00	19.44 0.73 0.00	23.93 1.01 0.00	29.48 1.46 0.00	24.90 1.21 0.00	26.08 1.22 0.00	31.25 1.63 0.00	32.97 2.10 0.00	33.91 2.01 0.00	31.35 1.72 0.00	28.39 1.35 0.00	24.91 1.16 0.00
DARBY___SOLAR 323810	24.60 0.53 0.00	23.62 0.53 0.00	22.88 0.54 0.00	22.51 0.48 0.00	23.75 0.62 0.00	26.60 0.75 0.00	32.42 1.19 0.00	33.02 1.33 0.00	30.63 0.83 0.00	23.05 0.27 0.00	21.60 0.21 0.00	19.49 0.21 0.00	19.00 0.24 0.00	18.96 0.24 0.00	23.38 0.46 0.00	28.92 0.90 0.00	24.26 0.57 0.00	25.39 0.52 0.00	30.63 1.01 0.00	32.17 1.30 0.00	33.20 1.31 0.00	30.49 0.86 0.00	27.74 0.70 0.00	24.34 0.59 0.00
DASHVILLE___HYD 23610	25.03 0.96 0.00	23.89 0.81 0.00	23.17 0.83 0.00	22.79 0.77 0.00	23.99 0.86 0.00	26.78 0.93 0.00	32.82 1.59 0.00	33.34 1.65 0.00	31.11 1.31 0.00	23.41 0.64 0.00	22.07 0.68 0.00	19.88 0.60 0.00	19.30 0.54 0.00	19.28 0.56 0.00	23.65 0.73 0.00	29.09 1.06 0.00	24.61 0.92 0.00	25.78 0.92 0.00	30.83 1.21 0.00	32.51 1.64 0.00	33.43 1.53 0.00	30.93 1.30 0.00	28.06 1.03 0.00	24.63 0.88 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	28.00 3.13 -0.80	26.02 2.82 -0.12	24.85 2.50 0.00	24.40 2.38 0.00	25.79 2.66 0.00	29.38 3.41 -0.12	42.20 2.59 -8.38	40.93 2.98 -6.25	33.64 3.84 0.00	25.28 2.50 0.00	25.30 2.89 -1.03	22.74 2.56 -0.90	22.93 2.44 -1.73	20.80 1.97 -0.12	25.21 2.29 0.00	31.86 3.84 0.00	26.86 3.17 0.00	35.37 3.03 -7.47	40.72 2.67 -8.44	58.80 3.49 -24.44	45.03 3.29 -9.85	38.79 2.40 -6.76	31.21 3.35 -0.82	26.91 3.04 -0.12
DELAWARE___LFGE 323621	24.91 0.84 0.00	23.89 0.81 0.00	23.13 0.78 0.00	22.77 0.75 0.00	23.94 0.81 0.00	26.75 0.90 0.00	32.64 1.41 0.00	33.31 1.62 0.00	31.08 1.28 0.00	23.61 0.84 0.00	22.11 0.73 0.00	19.90 0.62 0.00	19.32 0.56 0.00	19.29 0.58 0.00	23.67 0.76 0.00	29.01 0.98 0.00	24.47 0.78 0.00	25.71 0.85 0.00	30.66 1.04 0.00	32.17 1.30 0.00	33.27 1.37 0.00	30.79 1.16 0.00	28.01 0.97 0.00	24.58 0.83 0.00
DERFIELD_115KV_TB7 355931	24.14 0.07 0.00	23.16 0.07 0.00	22.41 0.07 0.00	22.09 0.07 0.00	23.20 0.07 0.00	25.92 0.08 0.00	31.45 0.22 0.00	31.95 0.25 0.00	29.95 0.15 0.00	22.82 0.05 0.00	21.43 0.04 0.00	19.32 0.04 0.00	18.80 0.04 0.00	18.75 0.04 0.00	22.99 0.07 0.00	28.14 0.11 0.00	23.78 0.09 0.00	24.94 0.07 0.00	29.77 0.15 0.00	31.12 0.25 0.00	32.15 0.26 0.00	29.81 0.18 0.00	27.15 0.11 0.00	23.84 0.09 0.00
DOGLEVILLE___HYD 23807	23.90 -0.17 0.00	22.93 -0.16 0.00	22.19 -0.16 0.00	21.87 -0.15 0.00	22.99 -0.14 0.00	25.72 -0.13 0.00	31.17 -0.06 0.00	31.66 -0.03 0.00	29.59 -0.21 0.00	22.52 -0.25 0.00	21.13 -0.26 0.00	19.05 -0.23 0.00	18.54 -0.22 0.00	18.51 -0.21 0.00	22.69 -0.23 0.00	27.83 -0.19 0.00	23.50 -0.19 0.00	24.66 -0.20 0.00	29.47 -0.15 0.00	30.81 -0.06 0.00	31.83 -0.06 0.00	29.48 -0.15 0.00	26.85 -0.19 0.00	23.56 -0.19 0.00
DUNKIRK___115KV_TB_200 55889	24.41 0.34 0.00	23.87 0.78 0.00	22.95 0.60 0.00	22.79 0.77 0.00	23.71 0.58 0.00	26.31 0.47 0.00	31.23 0.00 0.00	31.76 0.06 0.00	30.04 0.24 0.00	23.52 0.75 0.00	22.05 0.66 0.00	19.93 0.66 0.00	19.17 0.41 0.00	19.13 0.41 0.00	23.26 0.34 0.00	27.41 -0.62 0.00	23.90 0.21 0.00	25.31 0.45 0.00	29.26 -0.36 0.00	30.50 -0.37 0.00	32.06 0.16 0.00	29.99 0.36 0.00	27.47 0.43 0.00	24.37 0.62 0.00
DUNKIRK___1 23563	24.41 0.34 0.00	23.87 0.78 0.00	22.95 0.60 0.00	22.79 0.77 0.00	23.71 0.58 0.00	26.31 0.47 0.00	31.23 0.00 0.00	31.76 0.06 0.00	30.04 0.24 0.00	23.52 0.75 0.00	22.05 0.66 0.00	19.93 0.66 0.00	19.17 0.41 0.00	19.13 0.41 0.00	23.26 0.34 0.00	27.41 -0.62 0.00	23.90 0.21 0.00	25.31 0.45 0.00	29.26 -0.36 0.00	30.50 -0.37 0.00	32.06 0.16 0.00	29.99 0.36 0.00	27.47 0.43 0.00	24.37 0.62 0.00
DUNKIRK___2 23564	24.41 0.34 0.00	23.87 0.78 0.00	22.95 0.60 0.00	22.79 0.77 0.00	23.71 0.58 0.00	26.31 0.47 0.00	31.23 0.00 0.00	31.76 0.06 0.00	30.04 0.24 0.00	23.52 0.75 0.00	22.05 0.66 0.00	19.93 0.66 0.00	19.17 0.41 0.00	19.13 0.41 0.00	23.26 0.34 0.00	27.41 -0.62 0.00	23.90 0.21 0.00	25.31 0.45 0.00	29.26 -0.36 0.00	30.50 -0.37 0.00	32.06 0.16 0.00	29.99 0.36 0.00	27.47 0.43 0.00	24.37 0.62 0.00
DUNKIRK___3 23565	24.26 0.19 0.00	23.76 0.67 0.00	22.84 0.49 0.00	22.66 0.64 0.00	23.59 0.46 0.00	26.18 0.34 0.00	31.07 -0.16 0.00	31.57 -0.13 0.00	29.86 0.06 0.00	23.36 0.59 0.00	21.90 0.51 0.00	19.80 0.52 0.00	19.04 0.28 0.00	18.98 0.26 0.00	23.10 0.18 0.00	27.21 -0.81 0.00	23.74 0.05 0.00	25.11 0.25 0.00	29.03 -0.59 0.00	30.29 -0.59 0.00	31.83 -0.06 0.00	29.75 0.12 0.00	27.28 0.24 0.00	24.20 0.45 0.00
DUNKIRK___4 23566	24.26 0.19 0.00	23.76 0.67 0.00	22.84 0.49 0.00	22.66 0.64 0.00	23.59 0.46 0.00	26.18 0.34 0.00	31.07 -0.16 0.00	31.57 -0.13 0.00	29.86 0.06 0.00	23.36 0.59 0.00	21.90 0.51 0.00	19.80 0.52 0.00	19.04 0.28 0.00	18.98 0.26 0.00	23.10 0.18 0.00	27.21 -0.81 0.00	23.74 0.05 0.00	25.11 0.25 0.00	29.03 -0.59 0.00	30.29 -0.59 0.00	31.83 -0.06 0.00	29.75 0.12 0.00	27.28 0.24 0.00	24.20 0.45 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	25.25 1.18 0.00	24.15 1.06 0.00	23.37 1.03 0.00	22.99 0.97 0.00	24.19 1.06 0.00	27.01 1.16 0.00	33.10 1.87 0.00	33.75 2.06 0.00	31.53 1.73 0.00	23.80 1.02 0.00	22.45 1.07 0.00	20.22 0.94 0.00	19.70 0.94 0.00	19.67 0.95 0.00	24.09 1.17 0.00	29.65 1.63 0.00	25.06 1.37 0.00	26.28 1.42 0.00	31.37 1.75 0.00	33.03 2.16 0.00	34.00 2.11 0.00	31.41 1.78 0.00	28.52 1.49 0.00	25.05 1.31 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	25.08 1.01 0.00	23.99 0.90 0.00	23.24 0.89 0.00	22.86 0.84 0.00	24.05 0.93 0.00	26.85 1.01 0.00	32.89 1.66 0.00	33.44 1.74 0.00	31.23 1.43 0.00	23.52 0.75 0.00	22.15 0.77 0.00	19.95 0.67 0.00	19.42 0.66 0.00	19.37 0.66 0.00	23.79 0.87 0.00	29.23 1.21 0.00	24.73 1.04 0.00	25.93 1.07 0.00	31.01 1.39 0.00	32.66 1.79 0.00	33.59 1.69 0.00	31.08 1.45 0.00	28.20 1.16 0.00	24.75 1.00 0.00



E179THST_138_KV_TB4_REV_LBMP_J 345001	25.56 1.49 0.00	24.43 1.34 0.00	23.66 1.32 0.00	23.26 1.23 0.00	24.45 1.32 0.00	27.27 1.42 0.00	33.06 1.66 -0.17	33.89 1.84 -0.36	31.61 1.55 -0.26	24.18 0.89 -0.52	22.84 0.98 -0.47	20.72 0.89 -0.55	20.20 0.86 -0.57	20.17 0.88 -0.57	24.40 1.08 -0.40	29.75 1.54 -0.18	25.35 1.30 -0.36	26.52 1.34 -0.31	31.44 1.60 -0.22	33.08 1.98 -0.23	34.12 1.91 -0.31	31.38 1.66 -0.10	28.50 1.46 0.00	25.01 1.23 -0.03
E179THST_13_KV_LOAD 356214	25.66 1.59 0.00	24.52 1.43 0.00	23.75 1.41 0.00	23.34 1.32 0.00	24.54 1.41 0.00	27.37 1.52 0.00	33.21 1.81 -0.17	34.05 2.00 -0.36	31.73 1.67 -0.26	24.29 1.00 -0.52	22.92 1.07 -0.47	20.80 0.96 -0.55	20.29 0.96 -0.57	20.26 0.97 -0.57	24.51 1.19 -0.40	29.86 1.65 -0.18	25.47 1.42 -0.36	26.61 1.44 -0.31	31.58 1.75 -0.22	33.24 2.13 -0.23	34.28 2.07 -0.31	31.50 1.78 -0.10	28.61 1.57 0.00	25.10 1.33 -0.03
EAST HAMPTON___GT 23717	27.95 3.08 -0.80	26.14 2.93 -0.12	24.98 2.64 0.00	24.73 2.71 0.00	25.93 2.80 0.00	29.59 3.62 -0.13	42.51 2.90 -8.37	41.34 3.39 -6.25	32.36 2.56 0.00	25.48 2.71 0.00	25.52 3.10 -1.03	22.90 2.72 -0.90	23.04 2.55 -1.73	20.86 2.02 -0.12	25.26 2.34 0.00	30.74 2.72 0.00	26.82 3.13 -0.01	35.34 3.01 -0.74	41.76 3.70 -8.44	58.98 3.67 -24.44	45.13 3.38 -9.85	40.27 3.88 -6.76	31.16 3.30 -0.82	26.89 3.02 -0.13
EAST RIVER___6 23660	25.39 1.32 0.00	24.36 1.27 0.00	23.60 1.25 0.00	23.21 1.19 0.00	24.35 1.23 0.00	27.24 1.39 0.00	38.28 2.25 -4.80	44.15 2.50 -9.95	38.97 1.97 -7.21	38.16 1.34 -14.04	35.55 1.33 -12.84	35.54 1.20 -15.06	35.53 1.18 -15.58	35.51 1.20 -15.59	35.37 1.44 -11.01	35.02 1.82 -5.17	35.25 1.68 -9.88	35.08 1.71 -8.51	37.90 2.28 -6.00	39.91 2.56 -6.48	42.93 2.52 -8.52	34.48 2.07 -2.78	28.80 1.76 -0.01	26.21 1.54 -0.92
EAST RIVER___7 23524	25.39 1.32 0.00	24.36 1.27 0.00	23.60 1.25 0.00	23.21 1.19 0.00	24.35 1.23 0.00	27.24 1.39 0.00	38.28 2.25 -4.80	44.15 2.50 -9.95	38.97 1.97 -7.21	38.16 1.34 -14.04	35.55 1.33 -12.84	35.54 1.20 -15.06	35.53 1.18 -15.58	35.51 1.20 -15.59	35.37 1.44 -11.01	35.02 1.82 -5.17	35.25 1.68 -9.88	35.08 1.71 -8.51	37.90 2.28 -6.00	39.91 2.56 -6.48	42.93 2.52 -8.52	34.48 2.07 -2.78	28.80 1.76 -0.01	26.21 1.54 -0.92
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	25.20 1.13 0.00	24.08 0.99 0.00	23.33 0.98 0.00	22.95 0.92 0.00	24.15 1.02 0.00	26.96 1.11 0.00	33.04 1.81 0.00	33.66 1.96 0.00	31.44 1.64 0.00	23.75 0.98 0.00	22.39 1.01 0.00	20.19 0.91 0.00	19.64 0.88 0.00	19.61 0.90 0.00	24.02 1.10 0.00	29.57 1.54 0.00	25.02 1.33 0.00	26.21 1.34 0.00	31.28 1.66 0.00	32.94 2.07 0.00	33.91 2.01 0.00	31.32 1.69 0.00	28.44 1.41 0.00	24.98 1.23 0.00
EAST_HAMPTON___DIESEL 23722	27.92 3.06 -0.80	26.14 2.93 -0.12	24.96 2.61 0.00	24.73 2.71 0.00	25.93 2.80 0.00	29.59 3.62 -0.13	42.51 2.90 -8.37	41.34 3.39 -6.25	32.36 2.56 0.00	25.48 2.71 0.00	25.52 3.10 -1.03	22.90 2.72 -0.90	23.02 2.53 -1.73	20.84 2.00 -0.12	25.26 2.34 0.00	30.72 2.69 0.00	26.80 3.10 -0.01	35.32 2.98 -0.74	41.73 3.67 -8.44	58.95 3.64 -24.44	45.10 3.35 -9.85	40.24 3.85 -6.76	31.13 3.27 -0.82	26.87 2.99 -0.13
EAST_POINT___SOLAR 323840	25.97 1.90 0.00	24.96 1.87 0.00	24.11 1.77 0.00	23.76 1.74 0.00	25.05 1.92 0.00	28.12 2.27 0.00	34.38 3.15 0.00	34.80 3.11 0.00	32.24 2.44 0.00	24.23 1.46 0.00	22.60 1.22 0.00	20.30 1.02 0.00	19.72 0.96 0.00	19.65 0.94 0.00	24.22 1.31 0.00	29.87 1.85 0.00	25.16 1.47 0.00	26.53 1.67 0.00	31.99 2.37 0.00	33.65 2.78 0.00	34.89 3.00 0.00	32.12 2.49 0.00	29.17 2.14 0.00	25.67 1.92 0.00
EAST_PULASKI___ESR 323781	23.76 -0.31 0.00	22.76 -0.32 0.00	21.99 -0.36 0.00	21.71 -0.31 0.00	22.78 -0.35 0.00	25.46 -0.39 0.00	30.92 -0.31 0.00	31.41 -0.29 0.00	29.32 -0.48 0.00	22.48 -0.30 0.00	21.04 -0.34 0.00	18.95 -0.33 0.00	18.40 -0.36 0.00	18.34 -0.37 0.00	22.48 -0.44 0.00	27.35 -0.67 0.00	23.07 -0.62 0.00	24.32 -0.55 0.00	29.00 -0.62 0.00	30.41 -0.46 0.00	31.64 -0.26 0.00	29.21 -0.41 0.00	26.66 -0.38 0.00	23.37 -0.38 0.00
EAST_RIVER___1 323558	25.35 1.27 0.00	24.31 1.22 0.00	23.55 1.21 0.00	23.15 1.12 0.00	24.31 1.18 0.00	27.16 1.32 0.00	38.16 2.12 -4.80	43.99 2.35 -9.95	38.82 1.82 -7.21	38.04 1.23 -14.04	35.47 1.24 -12.84	35.46 1.12 -15.06	35.43 1.09 -15.58	35.41 1.10 -15.59	35.25 1.33 -11.01	34.91 1.71 -5.17	35.13 1.56 -9.88	34.99 1.62 -8.51	37.76 2.13 -6.00	39.76 2.41 -6.48	42.77 2.36 -8.52	34.39 1.99 -2.78	28.72 1.68 -0.01	26.14 1.47 -0.92
EAST_RIVER___2 323559	25.39 1.32 0.00	24.36 1.27 0.00	23.60 1.25 0.00	23.21 1.19 0.00	24.35 1.23 0.00	27.24 1.39 0.00	38.28 2.25 -4.80	44.15 2.50 -9.95	38.97 1.97 -7.21	38.16 1.34 -14.04	35.55 1.33 -12.84	35.54 1.20 -15.06	35.53 1.18 -15.58	35.51 1.20 -15.59	35.37 1.44 -11.01	35.02 1.82 -5.17	35.25 1.68 -9.88	35.08 1.71 -8.51	37.90 2.28 -6.00	39.91 2.56 -6.48	42.93 2.52 -8.52	34.48 2.07 -2.78	28.80 1.76 -0.01	26.21 1.54 -0.92
EAST___DELAWARE_HYD 23607	25.32 1.25 0.00	24.24 1.15 0.00	23.51 1.16 0.00	23.12 1.10 0.00	24.33 1.20 0.00	27.19 1.34 0.00	33.32 2.09 0.00	33.88 2.19 0.00	31.44 1.64 0.00	23.77 1.00 0.00	22.37 0.98 0.00	20.11 0.83 0.00	19.51 0.75 0.00	19.46 0.75 0.00	23.93 1.01 0.00	29.31 1.29 0.00	24.90 1.21 0.00	26.13 1.27 0.00	31.40 1.78 0.00	32.97 2.10 0.00	33.94 2.04 0.00	31.38 1.75 0.00	28.47 1.43 0.00	24.96 1.21 0.00
EIGHT_POINT___WT_PWR 323820	25.59 1.52 0.00	24.49 1.41 0.00	23.57 1.23 0.00	23.30 1.28 0.00	24.45 1.32 0.00	27.27 1.42 0.00	33.07 1.84 0.00	33.72 2.03 0.00	31.26 1.46 0.00	23.93 1.16 0.00	22.32 0.94 0.00	20.13 0.85 0.00	19.46 0.69 0.00	19.37 0.65 0.00	23.77 0.85 0.00	28.84 0.81 0.00	24.59 0.90 0.00	26.06 1.19 0.00	30.86 1.24 0.00	32.32 1.45 0.00	33.68 1.79 0.00	30.87 1.24 0.00	28.31 1.27 0.00	24.89 1.14 0.00
ELBRIDGE_115KV_TB2 80188	23.81 -0.26 0.00	22.90 -0.18 0.00	22.12 -0.22 0.00	21.85 -0.18 0.00	22.90 -0.23 0.00	25.61 -0.23 0.00	31.04 -0.19 0.00	31.60 -0.10 0.00	29.59 -0.21 0.00	22.73 -0.05 0.00	21.28 -0.11 0.00	19.18 -0.10 0.00	18.61 -0.15 0.00	18.56 -0.15 0.00	22.73 -0.18 0.00	27.60 -0.42 0.00	23.38 -0.31 0.00	24.62 -0.25 0.00	29.21 -0.41 0.00	30.59 -0.28 0.00	31.77 -0.13 0.00	29.39 -0.24 0.00	26.77 -0.27 0.00	23.51 -0.24 0.00
ELEC_TRO_TEK 24086	26.35 2.29 0.00	25.09 2.01 0.00	23.95 1.61 0.00	23.52 1.50 0.00	24.82 1.69 0.00	28.22 2.38 0.00	32.92 1.69 0.00	33.72 2.03 0.00	32.36 2.56 0.00	24.34 1.57 0.00	23.43 2.03 -0.01	21.16 1.89 0.01	20.58 1.82 0.00	20.10 1.38 0.00	24.59 1.67 0.00	30.94 2.91 0.00	26.10 2.42 0.00	27.30 2.36 -0.07	31.78 2.16 0.00	33.77 2.90 0.00	34.58 2.68 0.00	31.59 1.96 0.00	29.70 2.65 -0.01	26.15 2.40 0.00



ELLENBURG_WT_PWR 323604	24.48 0.41 0.00	23.48 0.39 0.00	22.66 0.31 0.00	22.31 0.29 0.00	23.38 0.25 0.00	26.13 0.28 0.00	30.89 -0.34 0.00	30.81 -0.89 0.00	29.89 0.09 0.00	23.18 0.41 0.00	21.88 0.49 0.00	19.70 0.42 0.00	19.17 0.41 0.00	19.07 0.35 0.00	23.22 0.30 0.00	28.47 0.45 0.00	24.07 0.38 0.00	25.36 0.50 0.00	29.95 0.33 0.00	30.96 0.09 0.00	31.71 -0.19 0.00	29.69 0.06 0.00	27.04 0.00 0.00	23.77 0.02 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	23.83 -0.24 0.00	23.36 0.28 0.00	22.48 0.13 0.00	22.33 0.31 0.00	23.20 0.07 0.00	25.77 -0.08 0.00	30.45 -0.78 0.00	30.93 -0.76 0.00	29.29 -0.51 0.00	22.98 0.20 0.00	21.51 0.13 0.00	19.45 0.17 0.00	18.70 -0.06 0.00	18.64 -0.07 0.00	22.67 -0.25 0.00	26.68 -1.35 0.00	23.29 -0.40 0.00	24.57 -0.30 0.00	28.35 -1.27 0.00	29.58 -1.30 0.00	31.13 -0.77 0.00	29.13 -0.50 0.00	26.74 -0.30 0.00	23.72 -0.02 0.00
EMPIRE_CC_1 323656	24.17 0.10 0.00	23.25 0.16 0.00	22.59 0.25 0.00	22.18 0.16 0.00	23.34 0.21 0.00	26.08 0.23 0.00	31.70 0.47 0.00	32.20 0.51 0.00	29.92 0.12 0.00	22.64 -0.14 0.00	21.36 -0.02 0.00	19.34 0.06 0.00	18.89 0.13 0.00	18.86 0.15 0.00	23.10 0.18 0.00	28.42 0.39 0.00	23.95 0.26 0.00	24.99 0.12 0.00	30.09 0.47 0.00	31.58 0.71 0.00	32.50 0.60 0.00	29.93 0.30 0.00	27.20 0.16 0.00	23.96 0.21 0.00
EMPIRE_CC_2 323658	24.17 0.10 0.00	23.25 0.16 0.00	22.59 0.25 0.00	22.18 0.16 0.00	23.34 0.21 0.00	26.08 0.23 0.00	31.70 0.47 0.00	32.20 0.51 0.00	29.92 0.12 0.00	22.64 -0.14 0.00	21.36 -0.02 0.00	19.34 0.06 0.00	18.89 0.13 0.00	18.86 0.15 0.00	23.10 0.18 0.00	28.42 0.39 0.00	23.95 0.26 0.00	24.99 0.12 0.00	30.09 0.47 0.00	31.58 0.71 0.00	32.50 0.60 0.00	29.93 0.30 0.00	27.20 0.16 0.00	23.96 0.21 0.00
ENORWICH_115KV_TB1 80156	26.19 2.12 0.00	25.19 2.10 0.00	24.33 1.99 0.00	24.03 2.00 0.00	25.23 2.10 0.00	28.30 2.46 0.00	34.73 3.50 0.00	36.73 5.04 0.00	33.67 3.87 0.00	25.28 2.50 0.00	23.24 1.86 0.00	20.69 1.41 0.00	20.02 1.26 0.00	19.97 1.25 0.00	24.82 1.90 0.00	30.69 2.66 0.00	25.13 1.44 0.00	26.65 1.79 0.00	31.96 2.34 0.00	33.71 2.84 0.00	35.15 3.25 0.00	32.39 2.76 0.00	29.36 2.33 0.00	25.67 1.92 0.00
ERIE_ST__34_KV_TB1-2 80199	24.41 0.34 0.00	23.87 0.78 0.00	22.95 0.60 0.00	22.79 0.77 0.00	23.71 0.58 0.00	26.34 0.49 0.00	31.23 0.00 0.00	31.72 0.03 0.00	30.01 0.21 0.00	23.48 0.71 0.00	21.98 0.60 0.00	19.88 0.60 0.00	19.10 0.34 0.00	19.05 0.34 0.00	23.19 0.28 0.00	27.35 -0.67 0.00	23.85 0.17 0.00	25.24 0.37 0.00	29.18 -0.44 0.00	30.41 -0.46 0.00	31.99 0.10 0.00	29.90 0.27 0.00	27.39 0.35 0.00	24.29 0.55 0.00
ERIE_WT_PWR 323693	24.60 0.53 0.00	23.57 0.49 0.00	22.66 0.31 0.00	22.51 0.48 0.00	23.48 0.35 0.00	26.00 0.16 0.00	30.76 -0.47 0.00	31.38 -0.32 0.00	29.62 -0.18 0.00	23.18 0.41 0.00	21.71 0.32 0.00	19.63 0.35 0.00	18.86 0.09 0.00	18.81 0.09 0.00	22.87 -0.05 0.00	27.52 -0.50 0.00	23.47 -0.21 0.00	24.81 -0.05 0.00	28.67 -0.95 0.00	29.82 -1.05 0.00	31.42 -0.48 0.00	28.80 -0.83 0.00	27.01 -0.03 0.00	23.96 0.21 0.00
ESPRGFLD_115KV_TB1 80157	25.76 1.68 0.00	24.75 1.66 0.00	23.91 1.56 0.00	23.56 1.54 0.00	24.80 1.67 0.00	27.78 1.94 0.00	33.98 2.75 0.00	34.58 2.88 0.00	32.12 2.32 0.00	24.28 1.50 0.00	22.65 1.26 0.00	20.34 1.06 0.00	19.74 0.98 0.00	19.69 0.97 0.00	24.22 1.31 0.00	29.73 1.71 0.00	25.06 1.37 0.00	26.43 1.57 0.00	31.66 2.04 0.00	33.25 2.38 0.00	34.48 2.58 0.00	31.85 2.22 0.00	28.93 1.89 0.00	25.41 1.66 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	24.62 0.55 0.00	23.69 0.60 0.00	22.86 0.51 0.00	22.57 0.55 0.00	23.68 0.56 0.00	26.49 0.65 0.00	32.17 0.94 0.00	32.83 1.14 0.00	30.63 0.83 0.00	23.39 0.61 0.00	21.79 0.41 0.00	19.61 0.33 0.00	19.02 0.26 0.00	18.96 0.24 0.00	23.26 0.34 0.00	28.33 0.31 0.00	24.02 0.33 0.00	25.36 0.50 0.00	30.12 0.50 0.00	31.64 0.77 0.00	32.89 0.99 0.00	30.40 0.77 0.00	27.63 0.59 0.00	24.25 0.50 0.00
ETNA____115KV_TB2 80207	24.62 0.55 0.00	23.69 0.60 0.00	22.86 0.51 0.00	22.57 0.55 0.00	23.68 0.56 0.00	26.49 0.65 0.00	32.17 0.94 0.00	32.83 1.14 0.00	30.63 0.83 0.00	23.39 0.61 0.00	21.79 0.41 0.00	19.61 0.33 0.00	19.02 0.26 0.00	18.96 0.24 0.00	23.26 0.34 0.00	28.33 0.31 0.00	24.02 0.33 0.00	25.36 0.50 0.00	30.12 0.50 0.00	31.64 0.77 0.00	32.89 0.99 0.00	30.40 0.77 0.00	27.63 0.59 0.00	24.25 0.50 0.00
EUCLID__115KV_TB2 356179	23.61 -0.46 0.00	22.72 -0.37 0.00	21.94 -0.40 0.00	21.67 -0.35 0.00	22.71 -0.42 0.00	25.41 -0.44 0.00	30.76 -0.47 0.00	31.28 -0.41 0.00	29.32 -0.48 0.00	22.54 -0.23 0.00	21.13 -0.26 0.00	19.05 -0.23 0.00	18.50 -0.26 0.00	18.43 -0.28 0.00	22.60 -0.32 0.00	27.38 -0.64 0.00	23.21 -0.47 0.00	24.39 -0.47 0.00	28.94 -0.68 0.00	30.32 -0.56 0.00	31.48 -0.41 0.00	29.13 -0.50 0.00	26.55 -0.49 0.00	23.30 -0.45 0.00
E_CANADA_CAP_HY 24051	25.97 1.90 0.00	24.93 1.85 0.00	24.09 1.74 0.00	23.74 1.72 0.00	25.03 1.90 0.00	28.07 2.22 0.00	34.32 3.09 0.00	34.77 3.07 0.00	32.18 2.38 0.00	24.21 1.44 0.00	22.58 1.20 0.00	20.30 1.02 0.00	19.72 0.96 0.00	19.65 0.94 0.00	24.20 1.28 0.00	29.85 1.82 0.00	25.13 1.45 0.00	26.50 1.64 0.00	31.99 2.37 0.00	33.56 2.68 0.00	34.80 2.90 0.00	31.97 2.34 0.00	29.12 2.08 0.00	25.65 1.90 0.00
E_CANADA_MHWK_HY 24050	23.90 -0.17 0.00	22.93 -0.16 0.00	22.19 -0.16 0.00	21.87 -0.15 0.00	22.99 -0.14 0.00	25.72 -0.13 0.00	31.17 -0.06 0.00	31.66 -0.03 0.00	29.59 -0.21 0.00	22.52 -0.25 0.00	21.13 -0.26 0.00	19.05 -0.23 0.00	18.54 -0.22 0.00	18.51 -0.21 0.00	22.69 -0.23 0.00	27.83 -0.19 0.00	23.50 -0.19 0.00	24.66 -0.20 0.00	29.47 -0.15 0.00	30.81 -0.06 0.00	31.83 -0.06 0.00	29.48 -0.15 0.00	26.85 -0.19 0.00	23.56 -0.19 0.00
E_FISHKILL__LBMP 23776	24.96 0.89 0.00	23.87 0.78 0.00	23.13 0.78 0.00	22.75 0.73 0.00	23.94 0.81 0.00	26.72 0.88 0.00	32.70 1.47 0.00	33.31 1.62 0.00	31.11 1.31 0.00	23.48 0.71 0.00	22.13 0.75 0.00	19.97 0.69 0.00	19.45 0.69 0.00	19.43 0.71 0.00	23.77 0.85 0.00	29.26 1.23 0.00	24.73 1.04 0.00	25.91 1.04 0.00	30.95 1.33 0.00	32.60 1.73 0.00	33.56 1.66 0.00	30.96 1.33 0.00	28.15 1.11 0.00	24.70 0.95 0.00
FALCON___SEABRD_CC1 323796	24.94 0.87 0.00	23.89 0.81 0.00	23.04 0.69 0.00	22.71 0.68 0.00	23.78 0.65 0.00	26.54 0.70 0.00	31.04 -0.19 0.00	30.62 -1.08 0.00	30.16 0.36 0.00	23.66 0.89 0.00	22.35 0.96 0.00	20.11 0.83 0.00	19.57 0.81 0.00	19.43 0.71 0.00	23.63 0.71 0.00	29.01 0.98 0.00	24.52 0.83 0.00	25.86 1.00 0.00	30.51 0.89 0.00	31.52 0.65 0.00	32.22 0.32 0.00	30.16 0.53 0.00	27.39 0.35 0.00	24.08 0.33 0.00



FALCON___SEABRD_CC2 323797	24.94 0.87 0.00	23.89 0.81 0.00	23.04 0.69 0.00	22.71 0.68 0.00	23.78 0.65 0.00	26.54 0.70 0.00	31.04 -0.19 0.00	30.62 -1.08 0.00	30.16 0.36 0.00	23.66 0.89 0.00	22.35 0.96 0.00	20.11 0.83 0.00	19.57 0.81 0.00	19.43 0.71 0.00	23.63 0.71 0.00	29.01 0.98 0.00	24.52 0.83 0.00	25.86 1.00 0.00	30.51 0.89 0.00	31.52 0.65 0.00	32.22 0.32 0.00	30.16 0.53 0.00	27.39 0.35 0.00	24.08 0.33 0.00
FAR ROCKAWAY___4 23548	26.71 2.65 0.01	25.44 2.35 0.00	24.24 1.90 0.00	23.81 1.78 0.00	25.14 2.01 0.00	28.61 2.77 0.00	33.32 2.09 0.00	34.13 2.44 0.00	32.75 2.95 0.00	24.62 1.84 0.00	23.73 2.33 -0.01	21.43 2.16 0.01	20.82 2.06 0.00	20.31 1.59 0.00	24.84 1.93 0.00	31.36 3.33 0.00	26.44 2.75 0.00	27.65 2.74 -0.06	32.20 2.58 0.00	34.24 3.37 0.00	35.09 3.19 0.00	32.00 2.37 0.00	30.13 3.08 -0.01	26.50 2.75 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	25.42 1.35 0.00	24.31 1.22 0.00	23.55 1.21 0.00	23.15 1.12 0.00	24.33 1.20 0.00	27.19 1.34 0.00	38.17 2.12 -4.81	43.98 2.31 -9.97	38.99 1.97 -7.22	38.07 1.23 -14.07	35.49 1.24 -12.87	35.49 1.12 -15.09	35.48 1.11 -15.61	35.44 1.10 -15.62	35.30 1.35 -11.03	35.03 1.82 -5.18	35.15 1.56 -9.90	35.00 1.62 -8.52	37.62 1.98 -6.01	39.77 2.41 -6.49	42.79 2.36 -8.53	34.40 1.99 -2.78	28.71 1.68 0.00	26.14 1.47 -0.92
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	25.42 1.35 0.00	24.31 1.22 0.00	23.55 1.21 0.00	23.15 1.12 0.00	24.33 1.20 0.00	27.16 1.32 0.00	38.17 2.12 -4.81	43.98 2.31 -9.97	38.99 1.97 -7.22	38.05 1.21 -14.07	35.49 1.24 -12.87	35.47 1.10 -15.09	35.46 1.09 -15.61	35.44 1.10 -15.62	35.28 1.33 -11.03	35.03 1.82 -5.18	35.15 1.56 -9.90	35.00 1.62 -8.52	37.62 1.98 -6.01	39.77 2.41 -6.49	42.79 2.36 -8.53	34.40 1.99 -2.78	28.71 1.68 0.00	26.14 1.47 -0.92
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	25.40 1.32 0.00	24.29 1.20 0.00	23.53 1.18 0.00	23.12 1.10 0.00	24.31 1.18 0.00	27.16 1.32 0.00	38.14 2.09 -4.81	43.94 2.28 -9.97	38.96 1.94 -7.22	38.03 1.18 -14.07	35.47 1.22 -12.87	35.47 1.10 -15.09	35.44 1.07 -15.61	35.42 1.09 -15.62	35.25 1.31 -11.03	35.00 1.79 -5.18	35.13 1.54 -9.90	34.98 1.59 -8.52	37.59 1.95 -6.01	39.71 2.35 -6.49	42.76 2.33 -8.53	34.37 1.96 -2.78	28.69 1.65 0.00	26.12 1.45 -0.92
FARRAGUT___LBMP 323566	25.40 1.32 0.00	24.26 1.18 0.00	23.51 1.16 0.00	23.10 1.08 0.00	24.31 1.18 0.00	27.14 1.29 0.00	38.11 2.06 -4.81	43.91 2.25 -9.97	38.93 1.91 -7.22	38.03 1.18 -14.07	35.45 1.20 -12.87	35.45 1.08 -15.09	35.42 1.05 -15.61	35.40 1.07 -15.62	35.25 1.31 -11.03	34.97 1.77 -5.18	35.10 1.52 -9.90	34.95 1.57 -8.52	37.56 1.93 -6.01	39.71 2.35 -6.49	42.73 2.30 -8.53	34.34 1.93 -2.78	28.69 1.65 0.00	26.10 1.42 -0.92
FENNER___WINDPWR 24204	24.65 0.58 0.00	23.59 0.51 0.00	22.84 0.49 0.00	22.53 0.51 0.00	23.66 0.53 0.00	26.49 0.65 0.00	32.26 1.03 0.00	33.05 1.36 0.00	30.75 0.95 0.00	23.41 0.64 0.00	21.85 0.47 0.00	19.66 0.39 0.00	19.12 0.36 0.00	19.07 0.35 0.00	23.45 0.53 0.00	28.70 0.67 0.00	24.23 0.55 0.00	25.54 0.67 0.00	30.57 0.95 0.00	32.04 1.17 0.00	33.30 1.40 0.00	30.69 1.07 0.00	27.96 0.92 0.00	24.46 0.71 0.00
FIBERTEK___ENERGY 23856	23.90 -0.17 0.00	22.97 -0.12 0.00	22.19 -0.16 0.00	21.91 -0.11 0.00	22.99 -0.14 0.00	25.72 -0.13 0.00	31.20 -0.03 0.00	31.72 0.03 0.00	29.71 -0.09 0.00	22.82 0.05 0.00	21.36 -0.02 0.00	19.26 -0.02 0.00	18.70 -0.06 0.00	18.64 -0.07 0.00	22.85 -0.07 0.00	27.74 -0.28 0.00	23.50 -0.19 0.00	24.71 -0.15 0.00	29.32 -0.30 0.00	30.75 -0.12 0.00	31.93 0.03 0.00	29.51 -0.12 0.00	26.88 -0.16 0.00	23.58 -0.17 0.00
FITZPATRICK____ 23598	23.37 -0.70 0.00	22.39 -0.69 0.00	21.65 -0.69 0.00	21.38 -0.64 0.00	22.41 -0.72 0.00	25.04 -0.80 0.00	30.29 -0.94 0.00	30.81 -0.89 0.00	28.91 -0.89 0.00	22.25 -0.52 0.00	20.85 -0.53 0.00	18.80 -0.48 0.00	18.26 -0.51 0.00	18.21 -0.50 0.00	22.30 -0.62 0.00	27.10 -0.92 0.00	22.88 -0.81 0.00	24.04 -0.82 0.00	28.58 -1.04 0.00	29.88 -0.99 0.00	30.97 -0.93 0.00	28.62 -1.01 0.00	26.17 -0.87 0.00	22.99 -0.76 0.00
FLOWRFLD_69_KV_BK1 356044	27.79 2.77 -0.95	25.70 2.47 -0.14	24.40 2.06 0.00	23.94 1.92 0.00	25.30 2.17 0.00	28.89 2.89 -0.14	43.18 1.97 -9.98	41.49 2.35 -7.45	32.90 3.10 0.00	24.78 2.00 0.00	25.08 2.46 -1.23	22.61 2.26 -1.07	23.01 2.18 -2.07	20.58 1.72 -0.14	24.98 2.06 0.00	31.58 3.56 0.00	26.70 3.01 0.00	36.79 2.98 -8.94	42.16 2.49 -10.06	63.28 3.27 -29.13	46.67 3.03 -11.74	39.97 2.28 -8.06	31.24 3.22 -0.98	26.77 2.87 -0.14
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	25.32 1.25 0.00	24.19 1.11 0.00	23.46 1.12 0.00	23.08 1.06 0.00	24.31 1.18 0.00	27.16 1.32 0.00	33.35 2.12 0.00	33.85 2.16 0.00	31.56 1.76 0.00	23.68 0.91 0.00	22.28 0.90 0.00	20.07 0.79 0.00	19.49 0.73 0.00	19.46 0.75 0.00	23.95 1.03 0.00	29.51 1.49 0.00	24.92 1.23 0.00	26.11 1.24 0.00	31.28 1.66 0.00	33.00 2.13 0.00	33.94 2.04 0.00	31.38 1.75 0.00	28.42 1.38 0.00	24.94 1.19 0.00
FORT ORANGE____ 23900	24.19 0.12 0.00	23.23 0.14 0.00	22.55 0.20 0.00	22.18 0.16 0.00	23.34 0.21 0.00	26.10 0.26 0.00	31.76 0.53 0.00	32.29 0.60 0.00	30.01 0.21 0.00	22.68 -0.09 0.00	21.30 -0.09 0.00	19.22 -0.06 0.00	18.86 0.09 0.00	18.81 0.09 0.00	23.12 0.21 0.00	28.45 0.42 0.00	23.97 0.29 0.00	25.09 0.22 0.00	30.21 0.59 0.00	31.71 0.83 0.00	32.69 0.80 0.00	30.10 0.47 0.00	27.36 0.33 0.00	24.03 0.29 0.00
FORT_DRUM_COGEN 23780	24.05 -0.02 0.00	23.04 -0.05 0.00	22.28 -0.07 0.00	21.98 -0.04 0.00	23.11 -0.02 0.00	25.90 0.05 0.00	31.54 0.31 0.00	31.98 0.29 0.00	29.65 -0.15 0.00	22.45 -0.32 0.00	20.94 -0.45 0.00	18.82 -0.46 0.00	18.25 -0.51 0.00	18.21 -0.51 0.00	22.32 -0.60 0.00	27.30 -0.73 0.00	23.07 -0.62 0.00	24.44 -0.42 0.00	29.44 -0.18 0.00	31.03 0.15 0.00	32.34 0.45 0.00	29.90 0.27 0.00	27.12 0.08 0.00	23.75 0.00 0.00
FOX_HILLS___ESR 323835	25.66 1.59 0.00	24.52 1.43 0.00	23.73 1.39 0.00	23.32 1.30 0.00	24.52 1.39 0.00	27.32 1.47 0.00	37.87 1.78 -4.86	43.75 2.00 -10.06	38.76 1.67 -7.29	37.98 1.00 -14.20	35.53 1.15 -12.99	35.54 1.02 -15.23	35.53 1.01 -15.76	35.51 1.03 -15.77	35.36 1.31 -11.13	35.08 1.82 -5.23	35.24 1.56 -9.99	35.13 1.67 -8.60	37.56 1.87 -6.07	39.64 2.22 -6.55	42.65 2.14 -8.61	34.51 2.07 -2.81	28.85 1.81 0.00	26.30 1.61 -0.93
FPL FAR_ROCK_GT1 24212	26.52 2.46 0.01	25.44 2.36 0.00	24.24 1.90 0.00	24.14 2.11 0.00	25.12 1.99 0.00	28.62 2.77 -0.01	33.29 2.06 0.00	34.17 2.47 0.00	31.23 1.43 0.00	24.59 1.82 0.00	23.73 2.33 -0.01	21.43 2.16 0.01	20.82 2.06 0.00	20.30 1.59 0.00	24.84 1.93 0.00	30.32 2.30 0.00	26.44 2.75 -0.01	27.65 2.74 -0.06	33.14 3.52 0.00	34.39 3.52 0.00	35.18 3.29 0.00	33.36 3.73 0.00	30.13 3.08 -0.01	26.51 2.75 -0.01



FPL FAR_ROCK_GT2 23815	26.52 2.46 0.01	25.44 2.36 0.00	24.24 1.90 0.00	24.14 2.11 0.00	25.12 1.99 0.00	28.62 2.77 -0.01	33.29 2.06 0.00	34.17 2.47 0.00	31.23 1.43 0.00	24.59 1.82 0.00	23.73 2.33 -0.01	21.43 2.16 0.01	20.82 2.06 0.00	20.30 1.59 0.00	24.84 1.93 0.00	30.32 2.30 0.00	26.44 2.75 -0.01	27.65 2.74 -0.06	33.14 3.52 0.00	34.39 3.52 0.00	35.18 3.29 0.00	33.36 3.73 0.00	30.13 3.08 -0.01	26.51 2.75 -0.01
FRANKLIN_FALL_HYD 24054	24.48 0.41 0.00	23.48 0.39 0.00	22.66 0.31 0.00	22.35 0.33 0.00	23.45 0.32 0.00	26.21 0.36 0.00	31.07 -0.16 0.00	31.57 -0.13 0.00	29.98 0.18 0.00	23.16 0.39 0.00	21.83 0.45 0.00	19.63 0.35 0.00	19.10 0.34 0.00	18.98 0.26 0.00	23.08 0.16 0.00	28.33 0.31 0.00	23.95 0.26 0.00	25.26 0.40 0.00	29.98 0.36 0.00	30.93 0.06 0.00	31.74 -0.16 0.00	29.66 0.03 0.00	27.09 0.05 0.00	23.87 0.12 0.00
FREEPORT_EQUUS_GT1 23764	26.31 2.24 0.00	25.23 2.15 0.00	24.09 1.74 0.00	23.94 1.92 0.00	24.96 1.83 0.00	28.39 2.53 -0.01	33.07 1.84 0.00	33.98 2.28 0.00	31.11 1.31 0.00	24.46 1.69 0.00	23.56 2.16 -0.02	21.27 1.99 0.00	20.68 1.91 -0.01	20.21 1.50 0.00	24.71 1.79 0.00	30.15 2.13 0.00	26.28 2.58 -0.01	27.53 2.56 -0.10	32.88 3.26 0.00	34.11 3.24 0.00	34.89 3.00 0.00	33.04 3.41 0.00	29.89 2.84 -0.01	26.30 2.54 -0.01
FREEPORT___CT2 23818	26.31 2.24 0.00	25.23 2.15 0.00	24.09 1.74 0.00	23.94 1.92 0.00	24.96 1.83 0.00	28.39 2.53 -0.01	33.07 1.84 0.00	33.98 2.28 0.00	31.11 1.31 0.00	24.46 1.69 0.00	23.56 2.16 -0.02	21.27 1.99 0.00	20.68 1.91 -0.01	20.21 1.50 0.00	24.71 1.79 0.00	30.15 2.13 0.00	26.28 2.58 -0.01	27.53 2.56 -0.10	32.88 3.26 0.00	34.11 3.24 0.00	34.89 3.00 0.00	33.04 3.41 0.00	29.89 2.84 -0.01	26.30 2.54 -0.01
FRESHKLS_33_KV_LOAD 356253	25.83 1.76 0.00	24.68 1.59 0.00	23.89 1.54 0.00	23.48 1.45 0.00	24.68 1.55 0.00	27.45 1.60 0.00	37.71 1.62 -4.86	43.59 1.84 -10.06	38.58 1.49 -7.29	37.84 0.87 -14.20	35.48 1.11 -12.99	35.48 0.96 -15.23	35.48 0.96 -15.76	35.48 0.99 -15.77	35.33 1.28 -11.13	35.13 1.88 -5.23	35.27 1.59 -9.99	35.21 1.74 -8.60	37.47 1.78 -6.07	39.49 2.07 -6.55	42.52 2.01 -8.61	34.66 2.22 -2.81	29.01 1.97 0.00	26.44 1.76 -0.93
FULTON COGEN____ 23766	23.52 -0.55 0.00	22.60 -0.48 0.00	21.83 -0.51 0.00	21.56 -0.46 0.00	22.62 -0.51 0.00	25.30 -0.54 0.00	30.67 -0.56 0.00	31.19 -0.51 0.00	29.23 -0.57 0.00	22.45 -0.32 0.00	21.02 -0.36 0.00	18.95 -0.33 0.00	18.39 -0.38 0.00	18.34 -0.37 0.00	22.48 -0.44 0.00	27.27 -0.76 0.00	23.10 -0.59 0.00	24.29 -0.57 0.00	28.82 -0.80 0.00	30.22 -0.65 0.00	31.39 -0.51 0.00	29.04 -0.59 0.00	26.44 -0.59 0.00	23.20 -0.55 0.00
FULTON___LFGE 323630	26.55 2.48 0.00	25.51 2.42 0.00	24.63 2.28 0.00	24.27 2.25 0.00	25.67 2.54 0.00	28.89 3.05 0.00	35.38 4.15 0.00	35.94 4.25 0.00	33.05 3.25 0.00	24.46 1.69 0.00	22.75 1.37 0.00	20.40 1.12 0.00	19.81 1.05 0.00	19.72 1.01 0.00	24.43 1.51 0.00	30.38 2.35 0.00	25.49 1.80 0.00	27.03 2.16 0.00	32.88 3.26 0.00	34.54 3.67 0.00	35.88 3.99 0.00	32.86 3.23 0.00	29.93 2.89 0.00	26.24 2.49 0.00
G.F.CEMENT___DRP 24184	24.70 0.63 0.00	23.64 0.55 0.00	22.90 0.56 0.00	22.55 0.53 0.00	23.82 0.69 0.00	26.70 0.85 0.00	32.60 1.37 0.00	33.25 1.55 0.00	30.78 0.98 0.00	23.09 0.32 0.00	21.56 0.17 0.00	19.43 0.15 0.00	18.95 0.19 0.00	18.88 0.17 0.00	23.33 0.41 0.00	29.06 1.04 0.00	24.23 0.54 0.00	25.41 0.55 0.00	30.66 1.04 0.00	32.26 1.39 0.00	33.36 1.47 0.00	30.64 1.01 0.00	27.82 0.78 0.00	24.37 0.62 0.00
GARDENVILLE___LBMP 24039	23.95 -0.12 0.00	23.48 0.39 0.00	22.57 0.22 0.00	22.42 0.40 0.00	23.29 0.16 0.00	25.90 0.05 0.00	30.61 -0.62 0.00	31.12 -0.57 0.00	29.44 -0.36 0.00	23.09 0.32 0.00	21.62 0.24 0.00	19.55 0.27 0.00	18.78 0.02 0.00	18.71 0.00 0.00	22.78 -0.14 0.00	26.82 -1.21 0.00	23.40 -0.28 0.00	24.71 -0.15 0.00	28.52 -1.10 0.00	29.73 -1.14 0.00	31.32 -0.57 0.00	29.27 -0.36 0.00	26.90 -0.14 0.00	23.87 0.12 0.00
GARDNVLA_35_KV_LD 355827	24.07 0.00 0.00	23.59 0.51 0.00	22.70 0.36 0.00	22.53 0.51 0.00	23.43 0.30 0.00	26.03 0.18 0.00	30.76 -0.47 0.00	31.28 -0.41 0.00	29.62 -0.18 0.00	23.23 0.46 0.00	21.75 0.36 0.00	19.66 0.39 0.00	18.89 0.13 0.00	18.85 0.13 0.00	22.92 0.00 0.00	26.99 -1.04 0.00	23.55 -0.14 0.00	24.86 0.00 0.00	28.70 -0.92 0.00	29.91 -0.96 0.00	31.51 -0.38 0.00	29.45 -0.18 0.00	27.04 0.00 0.00	23.99 0.24 0.00
GELCKHM___115KV_LOAD 80723	23.71 -0.36 0.00	22.79 -0.30 0.00	22.03 -0.31 0.00	21.76 -0.26 0.00	22.81 -0.32 0.00	25.51 -0.34 0.00	30.89 -0.34 0.00	31.44 -0.25 0.00	29.47 -0.33 0.00	22.64 -0.14 0.00	21.21 -0.17 0.00	19.13 -0.15 0.00	18.57 -0.19 0.00	18.51 -0.21 0.00	22.69 -0.23 0.00	27.52 -0.50 0.00	23.33 -0.36 0.00	24.52 -0.35 0.00	29.09 -0.53 0.00	30.47 -0.40 0.00	31.64 -0.26 0.00	29.27 -0.36 0.00	26.66 -0.38 0.00	23.39 -0.36 0.00
GENERAL___MILLS 23808	24.02 -0.05 0.00	23.55 0.46 0.00	22.66 0.31 0.00	22.49 0.46 0.00	23.38 0.25 0.00	25.98 0.13 0.00	30.73 -0.50 0.00	31.22 -0.48 0.00	29.53 -0.27 0.00	23.18 0.41 0.00	21.68 0.30 0.00	19.63 0.35 0.00	18.85 0.09 0.00	18.79 0.07 0.00	22.85 -0.07 0.00	26.90 -1.12 0.00	23.48 -0.21 0.00	24.81 -0.05 0.00	28.61 -1.01 0.00	29.85 -1.02 0.00	31.45 -0.45 0.00	29.39 -0.24 0.00	26.98 -0.05 0.00	23.94 0.19 0.00
GE_PLASTICS___DRP 24183	24.31 0.24 0.00	23.27 0.18 0.00	22.59 0.25 0.00	22.22 0.20 0.00	23.38 0.25 0.00	26.10 0.26 0.00	31.79 0.56 0.00	32.33 0.63 0.00	30.16 0.36 0.00	22.82 0.05 0.00	21.43 0.04 0.00	19.36 0.08 0.00	18.91 0.15 0.00	18.88 0.17 0.00	23.17 0.25 0.00	28.53 0.50 0.00	24.02 0.33 0.00	25.14 0.27 0.00	30.12 0.50 0.00	31.64 0.77 0.00	32.63 0.73 0.00	30.10 0.47 0.00	27.39 0.35 0.00	24.06 0.31 0.00
GILBOA___1 23756	24.50 0.43 0.00	23.50 0.42 0.00	22.79 0.45 0.00	22.42 0.40 0.00	23.57 0.44 0.00	26.34 0.49 0.00	32.04 0.81 0.00	32.64 0.95 0.00	30.39 0.60 0.00	23.11 0.34 0.00	21.73 0.34 0.00	19.61 0.33 0.00	19.10 0.34 0.00	19.07 0.35 0.00	23.35 0.43 0.00	28.61 0.59 0.00	24.23 0.55 0.00	25.39 0.52 0.00	30.42 0.80 0.00	31.80 0.93 0.00	32.79 0.89 0.00	30.31 0.68 0.00	27.61 0.57 0.00	24.27 0.52 0.00
GILBOA___2 23757	24.50 0.43 0.00	23.50 0.42 0.00	22.79 0.45 0.00	22.42 0.40 0.00	23.57 0.44 0.00	26.34 0.49 0.00	32.04 0.81 0.00	32.64 0.95 0.00	30.39 0.60 0.00	23.11 0.34 0.00	21.73 0.34 0.00	19.61 0.33 0.00	19.10 0.34 0.00	19.07 0.35 0.00	23.35 0.43 0.00	28.61 0.59 0.00	24.23 0.55 0.00	25.39 0.52 0.00	30.42 0.80 0.00	31.80 0.93 0.00	32.79 0.89 0.00	30.31 0.68 0.00	27.61 0.57 0.00	24.27 0.52 0.00



GILBOA___3 23758	24.50 0.43 0.00	23.50 0.42 0.00	22.79 0.45 0.00	22.42 0.40 0.00	23.57 0.44 0.00	26.34 0.49 0.00	32.04 0.81 0.00	32.64 0.95 0.00	30.39 0.60 0.00	23.11 0.34 0.00	21.73 0.34 0.00	19.61 0.33 0.00	19.10 0.34 0.00	19.07 0.35 0.00	23.35 0.43 0.00	28.61 0.59 0.00	24.23 0.55 0.00	25.39 0.52 0.00	30.42 0.80 0.00	31.80 0.93 0.00	32.79 0.89 0.00	30.31 0.68 0.00	27.61 0.57 0.00	24.27 0.52 0.00
GILBOA___4 23759	24.50 0.43 0.00	23.50 0.42 0.00	22.79 0.45 0.00	22.42 0.40 0.00	23.57 0.44 0.00	26.34 0.49 0.00	32.04 0.81 0.00	32.64 0.95 0.00	30.39 0.60 0.00	23.11 0.34 0.00	21.73 0.34 0.00	19.61 0.33 0.00	19.10 0.34 0.00	19.07 0.35 0.00	23.35 0.43 0.00	28.61 0.59 0.00	24.23 0.55 0.00	25.39 0.52 0.00	30.42 0.80 0.00	31.80 0.93 0.00	32.79 0.89 0.00	30.31 0.68 0.00	27.61 0.57 0.00	24.27 0.52 0.00
GILBOA___ 23599	24.55 0.48 0.00	23.50 0.42 0.00	22.79 0.45 0.00	22.42 0.40 0.00	23.57 0.44 0.00	26.34 0.49 0.00	32.07 0.84 0.00	32.61 0.92 0.00	30.48 0.69 0.00	23.11 0.34 0.00	21.73 0.34 0.00	19.61 0.33 0.00	19.10 0.34 0.00	19.07 0.36 0.00	23.35 0.44 0.00	28.67 0.64 0.00	24.23 0.54 0.00	25.39 0.52 0.00	30.33 0.71 0.00	31.80 0.93 0.00	32.79 0.89 0.00	30.37 0.74 0.00	27.61 0.57 0.00	24.27 0.52 0.00
GINNA___ 23603	22.77 -1.30 0.00	21.77 -1.31 0.00	20.98 -1.36 0.00	20.77 -1.25 0.00	21.77 -1.36 0.00	24.27 -1.58 0.00	29.17 -2.06 0.00	29.82 -1.87 0.00	28.01 -1.79 0.00	21.63 -1.14 0.00	20.23 -1.16 0.00	18.20 -1.08 0.00	17.56 -1.20 0.00	17.48 -1.24 0.00	21.34 -1.58 0.00	25.98 -2.04 0.00	21.98 -1.71 0.00	23.15 -1.72 0.00	27.25 -2.37 0.00	28.52 -2.35 0.00	29.89 -2.01 0.00	27.41 -2.22 0.00	25.31 -1.73 0.00	22.23 -1.52 0.00
GLEN PARK___ 23778	24.14 0.07 0.00	23.09 0.00 0.00	22.32 -0.02 0.00	22.02 0.00 0.00	23.15 0.02 0.00	25.95 0.10 0.00	31.67 0.44 0.00	32.10 0.41 0.00	29.71 -0.09 0.00	22.45 -0.32 0.00	20.91 -0.47 0.00	18.80 -0.48 0.00	18.24 -0.53 0.00	18.17 -0.54 0.00	22.30 -0.62 0.00	27.33 -0.70 0.00	23.07 -0.62 0.00	24.46 -0.40 0.00	29.50 -0.12 0.00	31.12 0.25 0.00	32.47 0.57 0.00	29.93 0.30 0.00	27.20 0.16 0.00	23.80 0.05 0.00
GLENDALE_27_KV_LOAD 356172	25.52 1.44 0.00	24.40 1.32 0.00	23.62 1.27 0.00	23.21 1.19 0.00	24.43 1.30 0.00	27.24 1.40 0.00	38.09 2.00 -4.86	43.94 2.19 -10.06	38.97 1.88 -7.29	38.11 1.14 -14.20	35.57 1.20 -12.99	35.59 1.08 -15.23	35.59 1.07 -15.76	35.57 1.09 -15.77	35.38 1.33 -11.13	35.08 1.82 -5.23	35.24 1.56 -9.99	35.06 1.59 -8.60	37.62 1.93 -6.07	39.74 2.32 -6.55	42.77 2.26 -8.61	34.39 1.96 -2.81	28.74 1.70 0.00	26.15 1.47 -0.93
GLENWOOD_IC_1_G5 23712	25.78 1.71 0.00	24.61 1.52 0.00	23.69 1.34 0.00	23.28 1.26 0.00	24.52 1.39 0.00	27.58 1.73 0.00	33.23 2.00 0.00	33.91 2.22 0.00	31.97 2.18 0.00	24.12 1.34 0.00	22.94 1.54 -0.02	20.67 1.39 0.00	20.12 1.35 -0.01	19.91 1.20 0.00	24.38 1.47 0.00	30.27 2.24 0.00	25.58 1.90 0.00	26.90 1.91 -0.12	31.69 2.07 0.00	33.50 2.62 0.00	34.42 2.52 0.00	31.64 2.01 0.00	29.11 2.05 -0.02	25.55 1.80 0.00
GLENWOOD_IC_2_G1 23688	25.32 1.25 0.00	24.29 1.20 0.00	23.48 1.14 0.00	23.12 1.10 0.00	24.26 1.13 0.00	27.20 1.34 -0.01	33.10 1.87 0.00	33.82 2.12 0.00	31.32 1.52 0.00	23.89 1.12 0.00	22.60 1.20 -0.02	20.36 1.08 0.00	19.84 1.07 -0.01	19.74 1.03 0.00	24.15 1.24 0.00	29.59 1.57 0.00	25.24 1.54 -0.01	26.55 1.57 -0.12	31.72 2.10 0.00	33.19 2.32 0.00	34.13 2.23 0.00	31.62 1.99 0.00	28.70 1.65 -0.02	25.21 1.45 -0.01
GLENWOOD_IC_3_G1 23689	25.32 1.25 0.00	24.29 1.20 0.00	23.48 1.14 0.00	23.12 1.10 0.00	24.26 1.13 0.00	27.20 1.34 -0.01	33.10 1.87 0.00	33.82 2.12 0.00	31.32 1.52 0.00	23.89 1.12 0.00	22.60 1.20 -0.02	20.36 1.08 0.00	19.84 1.07 -0.01	19.74 1.03 0.00	24.15 1.24 0.00	29.59 1.57 0.00	25.24 1.54 -0.01	26.55 1.57 -0.12	31.72 2.10 0.00	33.19 2.32 0.00	34.13 2.23 0.00	31.62 1.99 0.00	28.70 1.65 -0.02	25.21 1.45 -0.01
GLENWOOD___4 23550	25.78 1.71 0.00	24.61 1.52 0.00	23.69 1.34 0.00	23.28 1.26 0.00	24.52 1.39 0.00	27.58 1.73 0.00	33.23 2.00 0.00	33.91 2.22 0.00	31.97 2.18 0.00	24.12 1.34 0.00	22.94 1.54 -0.02	20.67 1.39 0.00	20.12 1.35 -0.01	19.91 1.20 0.00	24.38 1.47 0.00	30.27 2.24 0.00	25.58 1.90 0.00	26.90 1.91 -0.12	31.69 2.07 0.00	33.50 2.62 0.00	34.42 2.52 0.00	31.64 2.01 0.00	29.11 2.05 -0.02	25.55 1.80 0.00
GLENWOOD___5 23614	25.78 1.71 0.00	24.61 1.52 0.00	23.69 1.34 0.00	23.28 1.26 0.00	24.52 1.39 0.00	27.58 1.73 0.00	33.23 2.00 0.00	33.91 2.22 0.00	31.97 2.18 0.00	24.12 1.34 0.00	22.94 1.54 -0.02	20.67 1.39 0.00	20.12 1.35 -0.01	19.91 1.20 0.00	24.38 1.47 0.00	30.27 2.24 0.00	25.58 1.90 0.00	26.90 1.91 -0.12	31.69 2.07 0.00	33.50 2.62 0.00	34.42 2.52 0.00	31.64 2.01 0.00	29.11 2.05 -0.02	25.55 1.80 0.00
GLOBAL GREEN_PORT_GT1 23814	27.92 3.06 -0.80	26.14 2.93 -0.12	24.98 2.64 0.00	24.73 2.71 0.00	25.90 2.77 0.00	29.57 3.59 -0.13	42.42 2.81 -8.37	41.24 3.30 -6.25	32.27 2.47 0.00	25.41 2.64 0.00	25.45 3.04 -1.03	22.86 2.68 -0.90	23.02 2.53 -1.73	20.88 2.04 -0.12	25.30 2.38 0.00	30.83 2.80 0.00	26.94 3.25 -0.01	35.47 3.13 -7.47	41.90 3.85 -8.43	59.10 3.80 -24.43	45.25 3.51 -9.85	40.39 4.00 -6.76	31.29 3.43 -0.82	26.99 3.11 -0.13
GLOBE___DSASP 323697	22.89 -1.18 0.00	22.51 -0.58 0.00	21.65 -0.69 0.00	21.58 -0.44 0.00	22.32 -0.81 0.00	24.81 -1.03 0.00	29.14 -2.09 0.00	29.60 -2.09 0.00	28.04 -1.76 0.00	22.09 -0.68 0.00	20.68 -0.71 0.00	18.70 -0.58 0.00	17.97 -0.79 0.00	17.91 -0.80 0.00	21.75 -1.17 0.00	25.56 -2.47 0.00	22.34 -1.35 0.00	23.52 -1.34 0.00	27.10 -2.52 0.00	28.22 -2.65 0.00	29.76 -2.14 0.00	27.85 -1.78 0.00	25.66 -1.38 0.00	22.80 -0.95 0.00
GOETHSLN___LBMP 323567	25.30 1.23 0.00	24.22 1.13 0.00	23.46 1.12 0.00	23.06 1.04 0.00	24.24 1.11 0.00	27.06 1.21 0.00	38.04 2.00 -4.81	43.82 2.16 -9.97	38.90 1.88 -7.22	37.98 1.14 -14.07	35.43 1.18 -12.87	35.41 1.04 -15.09	35.40 1.03 -15.61	35.39 1.05 -15.62	35.21 1.26 -11.03	34.92 1.71 -5.18	35.08 1.49 -9.90	34.93 1.54 -8.52	37.50 1.87 -6.01	39.64 2.28 -6.49	42.66 2.23 -8.53	34.31 1.90 -2.78	28.63 1.60 0.00	26.05 1.38 -0.92
GOLAH___69_KV_TB 1_2 80279	23.73 -0.34 0.00	23.11 0.02 0.00	22.26 -0.09 0.00	22.09 0.07 0.00	23.04 -0.09 0.00	25.74 -0.10 0.00	30.70 -0.53 0.00	31.28 -0.41 0.00	29.44 -0.36 0.00	22.82 0.05 0.00	21.32 -0.06 0.00	19.18 -0.10 0.00	18.48 -0.28 0.00	18.42 -0.30 0.00	22.44 -0.48 0.00	26.76 -1.26 0.00	23.10 -0.59 0.00	24.32 -0.55 0.00	28.46 -1.16 0.00	29.82 -1.05 0.00	31.32 -0.57 0.00	29.16 -0.47 0.00	26.69 -0.35 0.00	23.53 -0.21 0.00



GOODYEAR_LAKE_HYD 323669	25.27 1.20 0.00	24.24 1.15 0.00	23.46 1.12 0.00	23.10 1.08 0.00	24.29 1.16 0.00	27.19 1.34 0.00	33.23 2.00 0.00	33.88 2.19 0.00	31.56 1.76 0.00	23.93 1.16 0.00	22.39 1.01 0.00	20.11 0.83 0.00	19.53 0.77 0.00	19.48 0.77 0.00	23.95 1.03 0.00	29.34 1.32 0.00	24.73 1.04 0.00	26.03 1.17 0.00	31.10 1.48 0.00	32.63 1.76 0.00	33.78 1.88 0.00	31.26 1.63 0.00	28.42 1.38 0.00	24.94 1.19 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	24.53 0.46 0.00	23.62 0.53 0.00	22.81 0.47 0.00	22.53 0.51 0.00	23.62 0.49 0.00	26.34 0.49 0.00	31.86 0.62 0.00	32.33 0.63 0.00	30.31 0.51 0.00	23.20 0.43 0.00	21.73 0.34 0.00	19.59 0.31 0.00	19.00 0.24 0.00	18.96 0.24 0.00	23.22 0.30 0.00	28.11 0.08 0.00	23.97 0.28 0.00	25.26 0.40 0.00	29.89 0.27 0.00	31.34 0.46 0.00	32.50 0.61 0.00	30.16 0.53 0.00	27.50 0.46 0.00	24.20 0.45 0.00
GOUDEY___7 23579	24.55 0.48 0.00	23.64 0.55 0.00	22.84 0.49 0.00	22.53 0.51 0.00	23.62 0.49 0.00	26.36 0.52 0.00	31.92 0.69 0.00	32.36 0.67 0.00	30.34 0.54 0.00	23.23 0.46 0.00	21.75 0.36 0.00	19.61 0.33 0.00	19.02 0.26 0.00	18.98 0.26 0.00	23.24 0.32 0.00	28.14 0.11 0.00	24.00 0.31 0.00	25.29 0.42 0.00	29.92 0.30 0.00	31.37 0.49 0.00	32.57 0.67 0.00	30.19 0.56 0.00	27.52 0.49 0.00	24.22 0.47 0.00
GOUDEY___8 23580	24.53 0.46 0.00	23.62 0.53 0.00	22.81 0.47 0.00	22.53 0.51 0.00	23.62 0.49 0.00	26.34 0.49 0.00	31.86 0.62 0.00	32.33 0.63 0.00	30.31 0.51 0.00	23.20 0.43 0.00	21.73 0.34 0.00	19.59 0.31 0.00	19.00 0.24 0.00	18.96 0.24 0.00	23.22 0.30 0.00	28.11 0.08 0.00	23.97 0.28 0.00	25.26 0.40 0.00	29.89 0.27 0.00	31.34 0.46 0.00	32.50 0.61 0.00	30.16 0.53 0.00	27.50 0.46 0.00	24.20 0.45 0.00
GOWANUS_GT1_1 24077	25.56 1.49 0.00	24.43 1.34 0.00	23.66 1.32 0.00	23.23 1.21 0.00	24.45 1.32 0.00	27.24 1.40 0.00	37.96 1.87 -4.86	43.85 2.09 -10.06	38.85 1.76 -7.29	38.04 1.07 -14.20	35.55 1.18 -12.99	35.55 1.04 -15.23	35.55 1.03 -15.76	35.53 1.05 -15.77	35.36 1.31 -11.13	35.08 1.82 -5.23	35.24 1.56 -9.99	35.08 1.62 -8.60	37.59 1.90 -6.07	39.71 2.28 -6.55	42.74 2.23 -8.61	34.45 2.01 -2.81	28.79 1.76 0.00	26.20 1.52 -0.93
GOWANUS_GT1_2 24078	25.56 1.49 0.00	24.43 1.34 0.00	23.66 1.32 0.00	23.23 1.21 0.00	24.45 1.32 0.00	27.24 1.40 0.00	37.96 1.87 -4.86	43.85 2.09 -10.06	38.85 1.76 -7.29	38.04 1.07 -14.20	35.55 1.18 -12.99	35.55 1.04 -15.23	35.55 1.03 -15.76	35.53 1.05 -15.77	35.36 1.31 -11.13	35.08 1.82 -5.23	35.24 1.56 -9.99	35.08 1.62 -8.60	37.59 1.90 -6.07	39.71 2.28 -6.55	42.74 2.23 -8.61	34.45 2.01 -2.81	28.79 1.76 0.00	26.20 1.52 -0.93
GOWANUS_GT1_3 24079	25.56 1.49 0.00	24.43 1.34 0.00	23.66 1.32 0.00	23.23 1.21 0.00	24.45 1.32 0.00	27.24 1.40 0.00	37.96 1.87 -4.86	43.85 2.09 -10.06	38.85 1.76 -7.29	38.04 1.07 -14.20	35.55 1.18 -12.99	35.55 1.04 -15.23	35.55 1.03 -15.76	35.53 1.05 -15.77	35.36 1.31 -11.13	35.08 1.82 -5.23	35.24 1.56 -9.99	35.08 1.62 -8.60	37.59 1.90 -6.07	39.71 2.28 -6.55	42.74 2.23 -8.61	34.45 2.01 -2.81	28.79 1.76 0.00	26.20 1.52 -0.93
GOWANUS_GT1_4 24080	25.56 1.49 0.00	24.43 1.34 0.00	23.66 1.32 0.00	23.23 1.21 0.00	24.45 1.32 0.00	27.24 1.40 0.00	37.96 1.87 -4.86	43.85 2.09 -10.06	38.85 1.76 -7.29	38.04 1.07 -14.20	35.55 1.18 -12.99	35.55 1.04 -15.23	35.55 1.03 -15.76	35.53 1.05 -15.77	35.36 1.31 -11.13	35.08 1.82 -5.23	35.24 1.56 -9.99	35.08 1.62 -8.60	37.59 1.90 -6.07	39.71 2.28 -6.55	42.74 2.23 -8.61	34.45 2.01 -2.81	28.79 1.76 0.00	26.20 1.52 -0.93
GOWANUS_GT1_5 24084	25.56 1.49 0.00	24.43 1.34 0.00	23.66 1.32 0.00	23.23 1.21 0.00	24.45 1.32 0.00	27.24 1.40 0.00	37.96 1.87 -4.86	43.85 2.09 -10.06	38.85 1.76 -7.29	38.04 1.07 -14.20	35.55 1.18 -12.99	35.55 1.04 -15.23	35.55 1.03 -15.76	35.53 1.05 -15.77	35.36 1.31 -11.13	35.08 1.82 -5.23	35.24 1.56 -9.99	35.08 1.62 -8.60	37.59 1.90 -6.07	39.71 2.28 -6.55	42.74 2.23 -8.61	34.45 2.01 -2.81	28.79 1.76 0.00	26.20 1.52 -0.93
GOWANUS_GT1_6 24111	25.56 1.49 0.00	24.43 1.34 0.00	23.66 1.32 0.00	23.23 1.21 0.00	24.45 1.32 0.00	27.24 1.40 0.00	37.96 1.87 -4.86	43.85 2.09 -10.06	38.85 1.76 -7.29	38.04 1.07 -14.20	35.55 1.18 -12.99	35.55 1.04 -15.23	35.55 1.03 -15.76	35.53 1.05 -15.77	35.36 1.31 -11.13	35.08 1.82 -5.23	35.24 1.56 -9.99	35.08 1.62 -8.60	37.59 1.90 -6.07	39.71 2.28 -6.55	42.74 2.23 -8.61	34.45 2.01 -2.81	28.79 1.76 0.00	26.20 1.52 -0.93
GOWANUS_GT1_7 24112	25.56 1.49 0.00	24.43 1.34 0.00	23.66 1.32 0.00	23.23 1.21 0.00	24.45 1.32 0.00	27.24 1.40 0.00	37.96 1.87 -4.86	43.85 2.09 -10.06	38.85 1.76 -7.29	38.04 1.07 -14.20	35.55 1.18 -12.99	35.55 1.04 -15.23	35.55 1.03 -15.76	35.53 1.05 -15.77	35.36 1.31 -11.13	35.08 1.82 -5.23	35.24 1.56 -9.99	35.08 1.62 -8.60	37.59 1.90 -6.07	39.71 2.28 -6.55	42.74 2.23 -8.61	34.45 2.01 -2.81	28.79 1.76 0.00	26.20 1.52 -0.93
GOWANUS_GT1_8 24113	25.56 1.49 0.00	24.43 1.34 0.00	23.66 1.32 0.00	23.23 1.21 0.00	24.45 1.32 0.00	27.24 1.40 0.00	37.96 1.87 -4.86	43.85 2.09 -10.06	38.85 1.76 -7.29	38.04 1.07 -14.20	35.55 1.18 -12.99	35.55 1.04 -15.23	35.55 1.03 -15.76	35.53 1.05 -15.77	35.36 1.31 -11.13	35.08 1.82 -5.23	35.24 1.56 -9.99	35.08 1.62 -8.60	37.59 1.90 -6.07	39.71 2.28 -6.55	42.74 2.23 -8.61	34.45 2.01 -2.81	28.79 1.76 0.00	26.20 1.52 -0.93
GOWANUS_GT2_1 24114	25.49 1.42 0.00	24.42 1.34 0.00	23.66 1.32 0.00	23.26 1.23 0.00	24.42 1.29 0.00	27.24 1.39 0.00	37.93 1.84 -4.86	43.91 2.16 -10.06	38.70 1.61 -7.29	38.04 1.07 -14.20	35.55 1.18 -12.99	35.55 1.04 -15.23	35.55 1.03 -15.76	35.53 1.05 -15.77	35.36 1.31 -11.13	34.94 1.68 -5.23	35.24 1.56 -9.99	35.08 1.62 -8.60	37.76 2.07 -6.07	39.71 2.28 -6.55	42.74 2.23 -8.61	34.45 2.02 -2.81	28.80 1.76 -0.01	26.20 1.52 -0.93
GOWANUS_GT2_2 24115	25.49 1.42 0.00	24.42 1.34 0.00	23.66 1.32 0.00	23.26 1.23 0.00	24.42 1.29 0.00	27.24 1.39 0.00	37.93 1.84 -4.86	43.91 2.16 -10.06	38.70 1.61 -7.29	38.04 1.07 -14.20	35.55 1.18 -12.99	35.55 1.04 -15.23	35.55 1.03 -15.76	35.53 1.05 -15.77	35.36 1.31 -11.13	34.94 1.68 -5.23	35.24 1.56 -9.99	35.08 1.62 -8.60	37.76 2.07 -6.07	39.71 2.28 -6.55	42.74 2.23 -8.61	34.45 2.02 -2.81	28.80 1.76 -0.01	26.20 1.52 -0.93
GOWANUS_GT2_3 24116	25.49 1.42 0.00	24.42 1.34 0.00	23.66 1.32 0.00	23.26 1.23 0.00	24.42 1.29 0.00	27.24 1.39 0.00	37.93 1.84 -4.86	43.91 2.16 -10.06	38.70 1.61 -7.29	38.04 1.07 -14.20	35.55 1.18 -12.99	35.55 1.04 -15.23	35.55 1.03 -15.76	35.53 1.05 -15.77	35.36 1.31 -11.13	34.94 1.68 -5.23	35.24 1.56 -9.99	35.08 1.62 -8.60	37.76 2.07 -6.07	39.71 2.28 -6.55	42.74 2.23 -8.61	34.45 2.02 -2.81	28.80 1.76 -0.01	26.20 1.52 -0.93



GOWANUS_GT2_4 24117	25.49 1.42 0.00	24.42 1.34 0.00	23.66 1.32 0.00	23.26 1.23 0.00	24.42 1.29 0.00	27.24 1.39 0.00	37.93 1.84 -4.86	43.91 2.16 -10.06	38.70 1.61 -7.29	38.04 1.07 -14.20	35.55 1.18 -12.99	35.55 1.04 -15.23	35.55 1.03 -15.76	35.53 1.05 -15.77	35.36 1.31 -11.13	34.94 1.68 -5.23	35.24 1.56 -9.99	35.08 1.62 -8.60	37.76 2.07 -6.07	39.71 2.28 -6.55	42.74 2.23 -8.61	34.45 2.02 -2.81	28.80 1.76 -0.01	26.20 1.52 -0.93
GOWANUS_GT2_5 24118	25.49 1.42 0.00	24.42 1.34 0.00	23.66 1.32 0.00	23.26 1.23 0.00	24.42 1.29 0.00	27.24 1.39 0.00	37.93 1.84 -4.86	43.91 2.16 -10.06	38.70 1.61 -7.29	38.04 1.07 -14.20	35.55 1.18 -12.99	35.55 1.04 -15.23	35.55 1.03 -15.76	35.53 1.05 -15.77	35.36 1.31 -11.13	34.94 1.68 -5.23	35.24 1.56 -9.99	35.08 1.62 -8.60	37.76 2.07 -6.07	39.71 2.28 -6.55	42.74 2.23 -8.61	34.45 2.02 -2.81	28.80 1.76 -0.01	26.20 1.52 -0.93
GOWANUS_GT2_6 24119	25.49 1.42 0.00	24.42 1.34 0.00	23.66 1.32 0.00	23.26 1.23 0.00	24.42 1.29 0.00	27.24 1.39 0.00	37.93 1.84 -4.86	43.91 2.16 -10.06	38.70 1.61 -7.29	38.04 1.07 -14.20	35.55 1.18 -12.99	35.55 1.04 -15.23	35.55 1.03 -15.76	35.53 1.05 -15.77	35.36 1.31 -11.13	34.94 1.68 -5.23	35.24 1.56 -9.99	35.08 1.62 -8.60	37.76 2.07 -6.07	39.71 2.28 -6.55	42.74 2.23 -8.61	34.45 2.02 -2.81	28.80 1.76 -0.01	26.20 1.52 -0.93
GOWANUS_GT2_7 24120	25.49 1.42 0.00	24.42 1.34 0.00	23.66 1.32 0.00	23.26 1.23 0.00	24.42 1.29 0.00	27.24 1.39 0.00	37.93 1.84 -4.86	43.91 2.16 -10.06	38.70 1.61 -7.29	38.04 1.07 -14.20	35.55 1.18 -12.99	35.55 1.04 -15.23	35.55 1.03 -15.76	35.53 1.05 -15.77	35.36 1.31 -11.13	34.94 1.68 -5.23	35.24 1.56 -9.99	35.08 1.62 -8.60	37.76 2.07 -6.07	39.71 2.28 -6.55	42.74 2.23 -8.61	34.45 2.02 -2.81	28.80 1.76 -0.01	26.20 1.52 -0.93
GOWANUS_GT2_8 24121	25.49 1.42 0.00	24.42 1.34 0.00	23.66 1.32 0.00	23.26 1.23 0.00	24.42 1.29 0.00	27.24 1.39 0.00	37.93 1.84 -4.86	43.91 2.16 -10.06	38.70 1.61 -7.29	38.04 1.07 -14.20	35.55 1.18 -12.99	35.55 1.04 -15.23	35.55 1.03 -15.76	35.53 1.05 -15.77	35.36 1.31 -11.13	34.94 1.68 -5.23	35.24 1.56 -9.99	35.08 1.62 -8.60	37.76 2.07 -6.07	39.71 2.28 -6.55	42.74 2.23 -8.61	34.45 2.02 -2.81	28.80 1.76 -0.01	26.20 1.52 -0.93
GOWANUS_GT3_1 24122	25.49 1.42 0.00	24.42 1.34 0.00	23.66 1.32 0.00	23.26 1.23 0.00	24.42 1.29 0.00	27.24 1.39 0.00	37.93 1.84 -4.86	43.91 2.16 -10.06	38.70 1.61 -7.29	38.04 1.07 -14.20	35.55 1.18 -12.99	35.55 1.04 -15.23	35.55 1.03 -15.76	35.53 1.05 -15.77	35.36 1.31 -11.13	34.94 1.68 -5.23	35.24 1.56 -9.99	35.08 1.62 -8.60	37.76 2.07 -6.07	39.71 2.28 -6.55	42.74 2.23 -8.61	34.45 2.02 -2.81	28.80 1.76 -0.01	26.20 1.52 -0.93
GOWANUS_GT3_2 24123	25.49 1.42 0.00	24.42 1.34 0.00	23.66 1.32 0.00	23.26 1.23 0.00	24.42 1.29 0.00	27.24 1.39 0.00	37.93 1.84 -4.86	43.91 2.16 -10.06	38.70 1.61 -7.29	38.04 1.07 -14.20	35.55 1.18 -12.99	35.55 1.04 -15.23	35.55 1.03 -15.76	35.53 1.05 -15.77	35.36 1.31 -11.13	34.94 1.68 -5.23	35.24 1.56 -9.99	35.08 1.62 -8.60	37.76 2.07 -6.07	39.71 2.28 -6.55	42.74 2.23 -8.61	34.45 2.02 -2.81	28.80 1.76 -0.01	26.20 1.52 -0.93
GOWANUS_GT3_3 24124	25.49 1.42 0.00	24.42 1.34 0.00	23.66 1.32 0.00	23.26 1.23 0.00	24.42 1.29 0.00	27.24 1.39 0.00	37.93 1.84 -4.86	43.91 2.16 -10.06	38.70 1.61 -7.29	38.04 1.07 -14.20	35.55 1.18 -12.99	35.55 1.04 -15.23	35.55 1.03 -15.76	35.53 1.05 -15.77	35.36 1.31 -11.13	34.94 1.68 -5.23	35.24 1.56 -9.99	35.08 1.62 -8.60	37.76 2.07 -6.07	39.71 2.28 -6.55	42.74 2.23 -8.61	34.45 2.02 -2.81	28.80 1.76 -0.01	26.20 1.52 -0.93
GOWANUS_GT3_4 24125	25.49 1.42 0.00	24.42 1.34 0.00	23.66 1.32 0.00	23.26 1.23 0.00	24.42 1.29 0.00	27.24 1.39 0.00	37.93 1.84 -4.86	43.91 2.16 -10.06	38.70 1.61 -7.29	38.04 1.07 -14.20	35.55 1.18 -12.99	35.55 1.04 -15.23	35.55 1.03 -15.76	35.53 1.05 -15.77	35.36 1.31 -11.13	34.94 1.68 -5.23	35.24 1.56 -9.99	35.08 1.62 -8.60	37.76 2.07 -6.07	39.71 2.28 -6.55	42.74 2.23 -8.61	34.45 2.02 -2.81	28.80 1.76 -0.01	26.20 1.52 -0.93
GOWANUS_GT3_5 24126	25.49 1.42 0.00	24.42 1.34 0.00	23.66 1.32 0.00	23.26 1.23 0.00	24.42 1.29 0.00	27.24 1.39 0.00	37.93 1.84 -4.86	43.91 2.16 -10.06	38.70 1.61 -7.29	38.04 1.07 -14.20	35.55 1.18 -12.99	35.55 1.04 -15.23	35.55 1.03 -15.76	35.53 1.05 -15.77	35.36 1.31 -11.13	34.94 1.68 -5.23	35.24 1.56 -9.99	35.08 1.62 -8.60	37.76 2.07 -6.07	39.71 2.28 -6.55	42.74 2.23 -8.61	34.45 2.02 -2.81	28.80 1.76 -0.01	26.20 1.52 -0.93
GOWANUS_GT3_6 24127	25.49 1.42 0.00	24.42 1.34 0.00	23.66 1.32 0.00	23.26 1.23 0.00	24.42 1.29 0.00	27.24 1.39 0.00	37.93 1.84 -4.86	43.91 2.16 -10.06	38.70 1.61 -7.29	38.04 1.07 -14.20	35.55 1.18 -12.99	35.55 1.04 -15.23	35.55 1.03 -15.76	35.53 1.05 -15.77	35.36 1.31 -11.13	34.94 1.68 -5.23	35.24 1.56 -9.99	35.08 1.62 -8.60	37.76 2.07 -6.07	39.71 2.28 -6.55	42.74 2.23 -8.61	34.45 2.02 -2.81	28.80 1.76 -0.01	26.20 1.52 -0.93
GOWANUS_GT3_7 24128	25.49 1.42 0.00	24.42 1.34 0.00	23.66 1.32 0.00	23.26 1.23 0.00	24.42 1.29 0.00	27.24 1.39 0.00	37.93 1.84 -4.86	43.91 2.16 -10.06	38.70 1.61 -7.29	38.04 1.07 -14.20	35.55 1.18 -12.99	35.55 1.04 -15.23	35.55 1.03 -15.76	35.53 1.05 -15.77	35.36 1.31 -11.13	34.94 1.68 -5.23	35.24 1.56 -9.99	35.08 1.62 -8.60	37.76 2.07 -6.07	39.71 2.28 -6.55	42.74 2.23 -8.61	34.45 2.02 -2.81	28.80 1.76 -0.01	26.20 1.52 -0.93
GOWANUS_GT3_8 24129	25.49 1.42 0.00	24.42 1.34 0.00	23.66 1.32 0.00	23.26 1.23 0.00	24.42 1.29 0.00	27.24 1.39 0.00	37.93 1.84 -4.86	43.91 2.16 -10.06	38.70 1.61 -7.29	38.04 1.07 -14.20	35.55 1.18 -12.99	35.55 1.04 -15.23	35.55 1.03 -15.76	35.53 1.05 -15.77	35.36 1.31 -11.13	34.94 1.68 -5.23	35.24 1.56 -9.99	35.08 1.62 -8.60	37.76 2.07 -6.07	39.71 2.28 -6.55	42.74 2.23 -8.61	34.45 2.02 -2.81	28.80 1.76 -0.01	26.20 1.52 -0.93
GOWANUS_GT4_1 24130	25.56 1.49 0.00	24.43 1.34 0.00	23.66 1.32 0.00	23.23 1.21 0.00	24.45 1.32 0.00	27.24 1.40 0.00	37.96 1.87 -4.86	43.85 2.09 -10.06	38.85 1.76 -7.29	38.04 1.07 -14.20	35.55 1.18 -12.99	35.55 1.04 -15.23	35.55 1.03 -15.76	35.53 1.05 -15.77	35.36 1.31 -11.13	35.08 1.82 -5.23	35.24 1.56 -9.99	35.08 1.62 -8.60	37.59 1.90 -6.07	39.71 2.28 -6.55	42.74 2.23 -8.61	34.45 2.01 -2.81	28.79 1.76 0.00	26.20 1.52 -0.93
GOWANUS_GT4_2 24131	25.56 1.49 0.00	24.43 1.34 0.00	23.66 1.32 0.00	23.23 1.21 0.00	24.45 1.32 0.00	27.24 1.40 0.00	37.96 1.87 -4.86	43.85 2.09 -10.06	38.85 1.76 -7.29	38.04 1.07 -14.20	35.55 1.18 -12.99	35.55 1.04 -15.23	35.55 1.03 -15.76	35.53 1.05 -15.77	35.36 1.31 -11.13	35.08 1.82 -5.23	35.24 1.56 -9.99	35.08 1.62 -8.60	37.59 1.90 -6.07	39.71 2.28 -6.55	42.74 2.23 -8.61	34.45 2.01 -2.81	28.79 1.76 0.00	26.20 1.52 -0.93



GOWANUS_GT4_3 24132	25.56 1.49 0.00	24.43 1.34 0.00	23.66 1.32 0.00	23.23 1.21 0.00	24.45 1.32 0.00	27.24 1.40 0.00	37.96 1.87 -4.86	43.85 2.09 -10.06	38.85 1.76 -7.29	38.04 1.07 -14.20	35.55 1.18 -12.99	35.55 1.04 -15.23	35.55 1.03 -15.76	35.53 1.05 -15.77	35.36 1.31 -11.13	35.08 1.82 -5.23	35.24 1.56 -9.99	35.08 1.62 -8.60	37.59 1.90 -6.07	39.71 2.28 -6.55	42.74 2.23 -8.61	34.45 2.01 -2.81	28.79 1.76 0.00	26.20 1.52 -0.93
GOWANUS_GT4_4 24133	25.56 1.49 0.00	24.43 1.34 0.00	23.66 1.32 0.00	23.23 1.21 0.00	24.45 1.32 0.00	27.24 1.40 0.00	37.96 1.87 -4.86	43.85 2.09 -10.06	38.85 1.76 -7.29	38.04 1.07 -14.20	35.55 1.18 -12.99	35.55 1.04 -15.23	35.55 1.03 -15.76	35.53 1.05 -15.77	35.36 1.31 -11.13	35.08 1.82 -5.23	35.24 1.56 -9.99	35.08 1.62 -8.60	37.59 1.90 -6.07	39.71 2.28 -6.55	42.74 2.23 -8.61	34.45 2.01 -2.81	28.79 1.76 0.00	26.20 1.52 -0.93
GOWANUS_GT4_5 24134	25.56 1.49 0.00	24.43 1.34 0.00	23.66 1.32 0.00	23.23 1.21 0.00	24.45 1.32 0.00	27.24 1.40 0.00	37.96 1.87 -4.86	43.85 2.09 -10.06	38.85 1.76 -7.29	38.04 1.07 -14.20	35.55 1.18 -12.99	35.55 1.04 -15.23	35.55 1.03 -15.76	35.53 1.05 -15.77	35.36 1.31 -11.13	35.08 1.82 -5.23	35.24 1.56 -9.99	35.08 1.62 -8.60	37.59 1.90 -6.07	39.71 2.28 -6.55	42.74 2.23 -8.61	34.45 2.01 -2.81	28.79 1.76 0.00	26.20 1.52 -0.93
GOWANUS_GT4_6 24135	25.56 1.49 0.00	24.43 1.34 0.00	23.66 1.32 0.00	23.23 1.21 0.00	24.45 1.32 0.00	27.24 1.40 0.00	37.96 1.87 -4.86	43.85 2.09 -10.06	38.85 1.76 -7.29	38.04 1.07 -14.20	35.55 1.18 -12.99	35.55 1.04 -15.23	35.55 1.03 -15.76	35.53 1.05 -15.77	35.36 1.31 -11.13	35.08 1.82 -5.23	35.24 1.56 -9.99	35.08 1.62 -8.60	37.59 1.90 -6.07	39.71 2.28 -6.55	42.74 2.23 -8.61	34.45 2.01 -2.81	28.79 1.76 0.00	26.20 1.52 -0.93
GOWANUS_GT4_7 24136	25.56 1.49 0.00	24.43 1.34 0.00	23.66 1.32 0.00	23.23 1.21 0.00	24.45 1.32 0.00	27.24 1.40 0.00	37.96 1.87 -4.86	43.85 2.09 -10.06	38.85 1.76 -7.29	38.04 1.07 -14.20	35.55 1.18 -12.99	35.55 1.04 -15.23	35.55 1.03 -15.76	35.53 1.05 -15.77	35.36 1.31 -11.13	35.08 1.82 -5.23	35.24 1.56 -9.99	35.08 1.62 -8.60	37.59 1.90 -6.07	39.71 2.28 -6.55	42.74 2.23 -8.61	34.45 2.01 -2.81	28.79 1.76 0.00	26.20 1.52 -0.93
GOWANUS_GT4_8 24137	25.56 1.49 0.00	24.43 1.34 0.00	23.66 1.32 0.00	23.23 1.21 0.00	24.45 1.32 0.00	27.24 1.40 0.00	37.96 1.87 -4.86	43.85 2.09 -10.06	38.85 1.76 -7.29	38.04 1.07 -14.20	35.55 1.18 -12.99	35.55 1.04 -15.23	35.55 1.03 -15.76	35.53 1.05 -15.77	35.36 1.31 -11.13	35.08 1.82 -5.23	35.24 1.56 -9.99	35.08 1.62 -8.60	37.59 1.90 -6.07	39.71 2.28 -6.55	42.74 2.23 -8.61	34.45 2.01 -2.81	28.79 1.76 0.00	26.20 1.52 -0.93
GREENBSH_115KV_TB3 55895	24.17 0.10 0.00	23.13 0.05 0.00	22.46 0.11 0.00	22.09 0.07 0.00	23.25 0.12 0.00	25.98 0.13 0.00	31.61 0.37 0.00	32.14 0.44 0.00	29.95 0.15 0.00	22.66 -0.11 0.00	21.28 -0.11 0.00	19.22 -0.06 0.00	18.85 0.09 0.00	18.83 0.11 0.00	23.10 0.18 0.00	28.45 0.42 0.00	23.95 0.26 0.00	25.04 0.17 0.00	30.03 0.41 0.00	31.58 0.71 0.00	32.53 0.64 0.00	29.99 0.36 0.00	27.25 0.22 0.00	23.94 0.19 0.00
GREENIDGE_115KV_TB5 80291	24.62 0.55 0.00	23.76 0.67 0.00	22.90 0.56 0.00	22.64 0.62 0.00	23.71 0.58 0.00	26.54 0.70 0.00	32.17 0.94 0.00	32.74 1.05 0.00	30.57 0.77 0.00	23.43 0.66 0.00	21.83 0.45 0.00	19.68 0.40 0.00	19.02 0.26 0.00	18.94 0.22 0.00	23.22 0.30 0.00	28.05 0.03 0.00	23.97 0.28 0.00	25.36 0.50 0.00	29.98 0.36 0.00	31.49 0.62 0.00	32.82 0.92 0.00	30.34 0.71 0.00	27.58 0.54 0.00	24.22 0.47 0.00
GREENIDGE___3 23582	24.62 0.55 0.00	23.76 0.67 0.00	22.90 0.56 0.00	22.64 0.62 0.00	23.71 0.58 0.00	26.54 0.70 0.00	32.17 0.94 0.00	32.74 1.05 0.00	30.57 0.77 0.00	23.43 0.66 0.00	21.83 0.45 0.00	19.68 0.40 0.00	19.02 0.26 0.00	18.94 0.22 0.00	23.22 0.30 0.00	28.05 0.03 0.00	23.97 0.28 0.00	25.36 0.50 0.00	29.98 0.36 0.00	31.49 0.62 0.00	32.82 0.92 0.00	30.34 0.71 0.00	27.58 0.54 0.00	24.22 0.47 0.00
GREENIDGE___4 23583	24.84 0.77 0.00	23.76 0.67 0.00	22.90 0.56 0.00	22.64 0.62 0.00	23.73 0.60 0.00	26.54 0.70 0.00	32.17 0.94 0.00	32.83 1.14 0.00	30.54 0.75 0.00	23.43 0.66 0.00	21.83 0.45 0.00	19.68 0.41 0.00	19.02 0.26 0.00	18.94 0.23 0.00	23.22 0.30 0.00	28.25 0.22 0.00	23.97 0.29 0.00	25.36 0.50 0.00	30.03 0.41 0.00	31.46 0.59 0.00	32.82 0.93 0.00	30.07 0.45 0.00	27.58 0.54 0.00	24.22 0.47 0.00
GREENLWN_69_KV_BK 3 55738	26.70 2.72 0.09	25.47 2.40 0.02	23.98 1.63 0.00	23.54 1.52 0.00	24.84 1.71 0.00	28.52 2.69 0.02	31.96 1.87 1.14	33.09 2.25 0.85	32.33 2.53 0.00	24.37 1.59 0.00	23.73 2.44 0.09	21.46 2.27 0.10	20.77 2.18 0.17	20.25 1.55 0.02	24.61 1.70 0.00	31.08 3.05 0.00	26.22 2.53 0.00	27.05 2.83 0.65	30.90 2.43 1.15	30.75 3.21 3.33	33.49 2.93 1.34	30.90 2.19 0.92	30.10 3.14 0.07	26.53 2.80 0.02
GREENWD_138_KV_38B11_REV_LBMP_J 345004	25.56 1.49 0.00	24.43 1.34 0.00	23.66 1.32 0.00	23.23 1.21 0.00	24.45 1.32 0.00	27.24 1.40 0.00	37.96 1.87 -4.86	43.85 2.09 -10.06	38.85 1.76 -7.29	38.04 1.07 -14.20	35.55 1.18 -12.99	35.55 1.04 -15.23	35.55 1.03 -15.76	35.53 1.05 -15.77	35.36 1.31 -11.13	35.08 1.82 -5.23	35.24 1.56 -9.99	35.08 1.62 -8.60	37.59 1.90 -6.07	39.71 2.28 -6.55	42.74 2.23 -8.61	34.45 2.01 -2.81	28.79 1.76 0.00	26.20 1.52 -0.93
GRISSOM___SOLAR 323813	26.55 2.48 0.00	25.51 2.42 0.00	24.63 2.28 0.00	24.27 2.25 0.00	25.67 2.54 0.00	28.89 3.05 0.00	35.38 4.15 0.00	35.94 4.25 0.00	33.05 3.25 0.00	24.46 1.69 0.00	22.75 1.37 0.00	20.40 1.12 0.00	19.81 1.05 0.00	19.72 1.01 0.00	24.43 1.51 0.00	30.38 2.35 0.00	25.49 1.80 0.00	27.03 2.16 0.00	32.88 3.26 0.00	34.54 3.67 0.00	35.88 3.99 0.00	32.86 3.23 0.00	29.93 2.89 0.00	26.24 2.49 0.00
GROVEVILLE___HYD 323602	25.32 1.25 0.00	24.19 1.11 0.00	23.46 1.12 0.00	23.08 1.06 0.00	24.31 1.18 0.00	27.16 1.32 0.00	33.35 2.12 0.00	33.85 2.16 0.00	31.56 1.76 0.00	23.68 0.91 0.00	22.28 0.90 0.00	20.07 0.79 0.00	19.49 0.73 0.00	19.46 0.75 0.00	23.95 1.03 0.00	29.51 1.49 0.00	24.92 1.23 0.00	26.11 1.24 0.00	31.28 1.66 0.00	33.00 2.13 0.00	33.94 2.04 0.00	31.38 1.75 0.00	28.42 1.38 0.00	24.94 1.19 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	23.90 -0.17 0.00	22.97 -0.12 0.00	22.19 -0.16 0.00	21.91 -0.11 0.00	22.99 -0.14 0.00	25.72 -0.13 0.00	31.20 -0.03 0.00	31.72 0.03 0.00	29.71 -0.09 0.00	22.82 0.05 0.00	21.36 -0.02 0.00	19.26 -0.02 0.00	18.70 -0.06 0.00	18.64 -0.07 0.00	22.85 -0.07 0.00	27.74 -0.28 0.00	23.50 -0.19 0.00	24.71 -0.15 0.00	29.32 -0.30 0.00	30.75 -0.12 0.00	31.93 0.03 0.00	29.51 -0.12 0.00	26.88 -0.16 0.00	23.58 -0.17 0.00



HAMLTNNY_34_KV_TB 80303	23.93 -0.14 0.00	23.02 -0.07 0.00	22.21 -0.13 0.00	21.96 -0.07 0.00	23.01 -0.12 0.00	25.74 -0.10 0.00	31.20 -0.03 0.00	31.76 0.06 0.00	29.77 -0.03 0.00	22.86 0.09 0.00	21.38 0.00 0.00	19.28 0.00 0.00	18.70 -0.06 0.00	18.64 -0.07 0.00	22.85 -0.07 0.00	27.74 -0.28 0.00	23.52 -0.17 0.00	24.74 -0.12 0.00	29.32 -0.30 0.00	30.75 -0.12 0.00	31.96 0.06 0.00	29.54 -0.09 0.00	26.90 -0.14 0.00	23.61 -0.14 0.00
HAMPSHIRE___PAPER_HYD 323593	23.95 -0.12 0.00	22.95 -0.14 0.00	22.21 -0.13 0.00	21.89 -0.13 0.00	23.01 -0.12 0.00	25.77 -0.08 0.00	30.98 -0.25 0.00	31.38 -0.32 0.00	29.50 -0.30 0.00	22.41 -0.37 0.00	20.98 -0.41 0.00	18.86 -0.42 0.00	18.35 -0.41 0.00	18.28 -0.43 0.00	22.28 -0.64 0.00	27.35 -0.67 0.00	23.07 -0.62 0.00	24.37 -0.50 0.00	29.12 -0.50 0.00	30.41 -0.46 0.00	31.52 -0.38 0.00	29.33 -0.30 0.00	26.77 -0.27 0.00	23.58 -0.17 0.00
HARDSCRABBLE_WT_PWR 323673	24.00 -0.07 0.00	23.02 -0.07 0.00	22.28 -0.07 0.00	21.96 -0.07 0.00	23.08 -0.05 0.00	25.82 -0.03 0.00	31.32 0.09 0.00	31.82 0.13 0.00	29.74 -0.06 0.00	22.66 -0.11 0.00	21.24 -0.15 0.00	19.15 -0.13 0.00	18.63 -0.13 0.00	18.60 -0.11 0.00	22.83 -0.09 0.00	27.97 -0.06 0.00	23.62 -0.07 0.00	24.76 -0.10 0.00	29.62 0.00 0.00	30.96 0.09 0.00	31.96 0.06 0.00	29.60 -0.03 0.00	26.96 -0.08 0.00	23.68 -0.07 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	25.08 1.01 0.00	23.99 0.90 0.00	23.24 0.89 0.00	22.84 0.81 0.00	24.05 0.93 0.00	26.83 0.98 0.00	32.85 1.62 0.00	33.44 1.74 0.00	31.26 1.46 0.00	23.57 0.80 0.00	22.20 0.81 0.00	19.99 0.71 0.00	19.45 0.69 0.00	19.43 0.71 0.00	23.83 0.92 0.00	29.29 1.26 0.00	24.78 1.09 0.00	25.98 1.12 0.00	31.04 1.42 0.00	32.66 1.79 0.00	33.62 1.72 0.00	31.11 1.48 0.00	28.23 1.19 0.00	24.77 1.02 0.00
HARSNRAD_115KV_TB1 81005	23.49 -0.58 0.00	23.06 -0.02 0.00	22.17 -0.18 0.00	22.05 0.02 0.00	22.88 -0.25 0.00	25.43 -0.41 0.00	29.95 -1.28 0.00	30.49 -1.20 0.00	28.85 -0.95 0.00	22.66 -0.11 0.00	21.21 -0.17 0.00	19.16 -0.12 0.00	18.40 -0.36 0.00	18.34 -0.37 0.00	22.28 -0.64 0.00	26.20 -1.82 0.00	22.91 -0.78 0.00	24.14 -0.72 0.00	27.84 -1.78 0.00	29.05 -1.82 0.00	30.65 -1.24 0.00	28.65 -0.98 0.00	26.36 -0.68 0.00	23.39 -0.36 0.00
HARZA MOOSE___RIVER 24016	24.43 0.36 0.00	23.41 0.32 0.00	22.66 0.31 0.00	22.35 0.33 0.00	23.48 0.35 0.00	26.31 0.47 0.00	31.98 0.75 0.00	32.55 0.86 0.00	30.34 0.54 0.00	23.02 0.25 0.00	21.51 0.13 0.00	19.34 0.06 0.00	18.80 0.04 0.00	18.75 0.04 0.00	23.01 0.09 0.00	28.19 0.17 0.00	23.83 0.14 0.00	25.11 0.25 0.00	30.12 0.50 0.00	31.61 0.74 0.00	32.82 0.92 0.00	30.37 0.74 0.00	27.61 0.57 0.00	24.18 0.43 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	23.73 -0.34 0.00	22.83 -0.25 0.00	22.06 -0.29 0.00	21.78 -0.24 0.00	22.83 -0.30 0.00	25.54 -0.31 0.00	30.95 -0.28 0.00	31.47 -0.22 0.00	29.50 -0.30 0.00	22.68 -0.09 0.00	21.23 -0.15 0.00	19.16 -0.12 0.00	18.59 -0.17 0.00	18.53 -0.19 0.00	22.71 -0.21 0.00	27.55 -0.48 0.00	23.36 -0.33 0.00	24.54 -0.32 0.00	29.12 -0.50 0.00	30.50 -0.37 0.00	31.67 -0.22 0.00	29.30 -0.33 0.00	26.69 -0.35 0.00	23.42 -0.33 0.00
HELLGATE_13_KV_LD 55870	25.44 1.37 0.00	24.33 1.25 0.00	23.57 1.23 0.00	23.17 1.15 0.00	24.36 1.23 0.00	27.16 1.32 0.00	37.90 1.81 -4.86	43.72 1.96 -10.06	38.76 1.67 -7.29	37.98 1.00 -14.20	35.44 1.07 -12.99	35.48 0.96 -15.23	35.48 0.96 -15.76	35.46 0.97 -15.77	35.24 1.19 -11.13	34.91 1.65 -5.23	35.10 1.42 -9.99	34.91 1.44 -8.60	37.44 1.75 -6.07	39.55 2.13 -6.55	42.55 2.04 -8.61	34.22 1.78 -2.81	28.58 1.54 0.00	26.01 1.33 -0.93
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	25.44 1.37 0.00	24.33 1.25 0.00	23.57 1.23 0.00	23.17 1.15 0.00	24.36 1.23 0.00	27.16 1.32 0.00	37.90 1.81 -4.86	43.72 1.96 -10.06	38.76 1.67 -7.29	37.98 1.00 -14.20	35.44 1.07 -12.99	35.48 0.96 -15.23	35.48 0.96 -15.76	35.46 0.97 -15.77	35.24 1.19 -11.13	34.91 1.65 -5.23	35.10 1.42 -9.99	34.91 1.44 -8.60	37.44 1.75 -6.07	39.55 2.13 -6.55	42.55 2.04 -8.61	34.22 1.78 -2.81	28.58 1.54 0.00	26.01 1.33 -0.93
HEMPSTEAD____ 23647	25.95 1.88 0.00	24.91 1.82 0.00	23.84 1.50 0.00	23.65 1.63 0.00	24.68 1.55 0.00	28.00 2.14 -0.01	32.95 1.72 0.00	33.78 2.09 0.00	31.02 1.22 0.00	24.21 1.44 0.00	23.24 1.84 -0.02	20.98 1.70 0.00	20.40 1.63 -0.01	20.00 1.29 0.00	24.48 1.56 0.00	29.90 1.88 0.00	25.92 2.23 -0.01	27.18 2.21 -0.10	32.46 2.84 0.00	33.74 2.87 0.00	34.54 2.65 0.00	32.56 2.93 0.00	29.49 2.43 -0.01	25.92 2.16 -0.01
HEWLETT_69_KV_BK3 55828	26.62 2.55 0.01	25.35 2.26 0.00	24.13 1.79 0.00	23.72 1.70 0.00	25.03 1.90 0.00	28.51 2.66 0.00	33.17 1.94 0.00	33.97 2.28 0.00	32.63 2.83 0.00	24.53 1.75 0.00	23.64 2.25 -0.01	21.35 2.08 0.01	20.77 2.01 0.00	20.25 1.53 0.00	24.77 1.86 0.00	31.25 3.22 0.00	26.34 2.65 0.00	27.53 2.61 -0.06	32.05 2.43 0.00	34.08 3.21 0.00	34.89 3.00 0.00	31.85 2.22 0.00	30.02 2.97 -0.01	26.41 2.66 0.00
HICKLING___1 23621	24.96 0.89 0.00	24.13 1.04 0.00	23.24 0.89 0.00	22.97 0.95 0.00	24.05 0.93 0.00	26.80 0.96 0.00	32.42 1.19 0.00	32.93 1.24 0.00	30.78 0.98 0.00	23.61 0.84 0.00	22.07 0.68 0.00	19.90 0.62 0.00	19.25 0.49 0.00	19.18 0.47 0.00	23.49 0.57 0.00	28.30 0.28 0.00	24.26 0.57 0.00	25.66 0.80 0.00	30.21 0.59 0.00	31.71 0.83 0.00	33.01 1.12 0.00	30.61 0.98 0.00	27.88 0.84 0.00	24.56 0.81 0.00
HICKLING___2 23622	24.96 0.89 0.00	24.13 1.04 0.00	23.24 0.89 0.00	22.97 0.95 0.00	24.05 0.93 0.00	26.80 0.96 0.00	32.42 1.19 0.00	32.93 1.24 0.00	30.78 0.98 0.00	23.61 0.84 0.00	22.07 0.68 0.00	19.90 0.62 0.00	19.25 0.49 0.00	19.18 0.47 0.00	23.49 0.57 0.00	28.30 0.28 0.00	24.26 0.57 0.00	25.66 0.80 0.00	30.21 0.59 0.00	31.71 0.83 0.00	33.01 1.12 0.00	30.61 0.98 0.00	27.88 0.84 0.00	24.56 0.81 0.00
HIGH FALLS___HY 23754	25.40 1.32 0.00	24.26 1.18 0.00	23.51 1.16 0.00	23.12 1.10 0.00	24.36 1.23 0.00	27.19 1.34 0.00	33.39 2.15 0.00	33.88 2.19 0.00	31.62 1.82 0.00	23.80 1.02 0.00	22.43 1.05 0.00	20.17 0.89 0.00	19.57 0.81 0.00	19.54 0.82 0.00	23.95 1.03 0.00	29.43 1.40 0.00	24.94 1.26 0.00	26.21 1.34 0.00	31.31 1.69 0.00	33.00 2.13 0.00	33.97 2.07 0.00	31.47 1.84 0.00	28.47 1.43 0.00	24.98 1.23 0.00
HILLBURN___GT 23639	25.04 0.96 0.00	23.99 0.90 0.00	23.26 0.92 0.00	22.88 0.86 0.00	24.03 0.90 0.00	26.83 0.98 0.00	32.82 1.59 0.00	33.53 1.84 0.00	31.17 1.37 0.00	23.66 0.89 0.00	22.28 0.90 0.00	20.07 0.79 0.00	19.55 0.79 0.00	19.52 0.80 0.00	23.90 0.98 0.00	29.23 1.20 0.00	24.85 1.16 0.00	26.08 1.22 0.00	31.28 1.66 0.00	32.72 1.85 0.00	33.68 1.79 0.00	31.11 1.48 0.00	28.31 1.27 0.00	24.84 1.09 0.00



HILLSIDE_115KV_TB1 80332	24.58 0.51 0.00	23.76 0.67 0.00	22.90 0.56 0.00	22.64 0.62 0.00	23.71 0.58 0.00	26.36 0.52 0.00	31.86 0.62 0.00	32.29 0.60 0.00	30.28 0.48 0.00	23.25 0.48 0.00	21.75 0.36 0.00	19.61 0.33 0.00	18.99 0.23 0.00	18.92 0.21 0.00	23.12 0.21 0.00	27.86 -0.17 0.00	23.88 0.19 0.00	25.24 0.37 0.00	29.71 0.09 0.00	31.15 0.28 0.00	32.37 0.48 0.00	30.10 0.47 0.00	27.44 0.41 0.00	24.22 0.47 0.00
HISHELDN_WT_PWR 323625	24.31 0.24 0.00	23.29 0.21 0.00	22.41 0.07 0.00	22.27 0.24 0.00	23.20 0.07 0.00	25.72 -0.13 0.00	30.39 -0.84 0.00	31.00 -0.70 0.00	29.26 -0.54 0.00	22.93 0.16 0.00	21.47 0.09 0.00	19.43 0.15 0.00	18.67 -0.09 0.00	18.60 -0.11 0.00	22.64 -0.27 0.00	27.24 -0.78 0.00	23.24 -0.45 0.00	24.54 -0.32 0.00	28.35 -1.27 0.00	29.48 -1.39 0.00	31.07 -0.83 0.00	28.50 -1.13 0.00	26.71 -0.32 0.00	23.70 -0.05 0.00
HOLTSVILLE_IC_1 23690	27.21 2.33 -0.80	25.49 2.29 -0.12	24.38 2.03 0.00	24.09 2.07 0.00	25.23 2.10 0.00	28.71 2.74 -0.13	41.30 1.65 -8.42	40.07 2.09 -6.29	31.20 1.40 0.00	24.66 1.89 0.00	24.69 2.27 -1.04	22.26 2.08 -0.90	22.51 2.01 -1.74	20.46 1.63 -0.12	24.89 1.97 0.00	30.32 2.30 0.00	26.59 2.89 -0.01	35.06 2.69 -7.51	41.33 3.23 -8.48	58.59 3.15 -24.57	44.64 2.84 -9.90	39.89 3.47 -6.80	30.81 2.95 -0.83	26.56 2.68 -0.13
HOLTSVILLE_IC_10 23699	27.29 2.46 -0.77	25.58 2.38 -0.12	24.49 2.15 0.00	24.18 2.16 0.00	25.35 2.22 0.00	28.84 2.87 -0.12	41.09 1.81 -8.05	39.95 2.25 -6.01	31.32 1.52 0.00	24.78 2.00 0.00	24.75 2.37 -0.99	22.30 2.16 -0.86	22.53 2.10 -1.67	20.53 1.70 -0.12	24.98 2.06 0.00	30.49 2.47 0.00	26.71 3.01 -0.01	34.91 2.83 -7.21	41.13 3.40 -8.11	57.69 3.34 -23.49	44.40 3.03 -9.47	39.77 3.64 -6.50	30.94 3.11 -0.79	26.67 2.80 -0.12
HOLTSVILLE_IC_2 23691	27.21 2.33 -0.80	25.49 2.29 -0.12	24.38 2.03 0.00	24.09 2.07 0.00	25.23 2.10 0.00	28.71 2.74 -0.13	41.30 1.65 -8.42	40.07 2.09 -6.29	31.20 1.40 0.00	24.66 1.89 0.00	24.69 2.27 -1.04	22.26 2.08 -0.90	22.51 2.01 -1.74	20.46 1.63 -0.12	24.89 1.97 0.00	30.32 2.30 0.00	26.59 2.89 -0.01	35.06 2.69 -7.51	41.33 3.23 -8.48	58.59 3.15 -24.57	44.64 2.84 -9.90	39.89 3.47 -6.80	30.81 2.95 -0.83	26.56 2.68 -0.13
HOLTSVILLE_IC_3 23692	27.21 2.33 -0.80	25.49 2.29 -0.12	24.38 2.03 0.00	24.09 2.07 0.00	25.23 2.10 0.00	28.71 2.74 -0.13	41.30 1.65 -8.42	40.07 2.09 -6.29	31.20 1.40 0.00	24.66 1.89 0.00	24.69 2.27 -1.04	22.26 2.08 -0.90	22.51 2.01 -1.74	20.46 1.63 -0.12	24.89 1.97 0.00	30.32 2.30 0.00	26.59 2.89 -0.01	35.06 2.69 -7.51	41.33 3.23 -8.48	58.59 3.15 -24.57	44.64 2.84 -9.90	39.89 3.47 -6.80	30.81 2.95 -0.83	26.56 2.68 -0.13
HOLTSVILLE_IC_4 23693	27.21 2.33 -0.80	25.49 2.29 -0.12	24.38 2.03 0.00	24.09 2.07 0.00	25.23 2.10 0.00	28.71 2.74 -0.13	41.30 1.65 -8.42	40.07 2.09 -6.29	31.20 1.40 0.00	24.66 1.89 0.00	24.69 2.27 -1.04	22.26 2.08 -0.90	22.51 2.01 -1.74	20.46 1.63 -0.12	24.89 1.97 0.00	30.32 2.30 0.00	26.59 2.89 -0.01	35.06 2.69 -7.51	41.33 3.23 -8.48	58.59 3.15 -24.57	44.64 2.84 -9.90	39.89 3.47 -6.80	30.81 2.95 -0.83	26.56 2.68 -0.13
HOLTSVILLE_IC_5 23694	27.21 2.33 -0.80	25.49 2.29 -0.12	24.38 2.03 0.00	24.09 2.07 0.00	25.23 2.10 0.00	28.71 2.74 -0.13	41.30 1.65 -8.42	40.07 2.09 -6.29	31.20 1.40 0.00	24.66 1.89 0.00	24.69 2.27 -1.04	22.26 2.08 -0.90	22.51 2.01 -1.74	20.46 1.63 -0.12	24.89 1.97 0.00	30.32 2.30 0.00	26.59 2.89 -0.01	35.06 2.69 -7.51	41.33 3.23 -8.48	58.59 3.15 -24.57	44.64 2.84 -9.90	39.89 3.47 -6.80	30.81 2.95 -0.83	26.56 2.68 -0.13
HOLTSVILLE_IC_6 23695	27.29 2.46 -0.77	25.58 2.38 -0.12	24.49 2.15 0.00	24.18 2.16 0.00	25.35 2.22 0.00	28.84 2.87 -0.12	41.09 1.81 -8.05	39.95 2.25 -6.01	31.32 1.52 0.00	24.78 2.00 0.00	24.75 2.37 -0.99	22.30 2.16 -0.86	22.53 2.10 -1.67	20.53 1.70 -0.12	24.98 2.06 0.00	30.49 2.47 0.00	26.71 3.01 -0.01	34.91 2.83 -7.21	41.13 3.40 -8.11	57.69 3.34 -23.49	44.40 3.03 -9.47	39.77 3.64 -6.50	30.94 3.11 -0.79	26.67 2.80 -0.12
HOLTSVILLE_IC_7 23696	27.29 2.46 -0.77	25.58 2.38 -0.12	24.49 2.15 0.00	24.18 2.16 0.00	25.35 2.22 0.00	28.84 2.87 -0.12	41.09 1.81 -8.05	39.95 2.25 -6.01	31.32 1.52 0.00	24.78 2.00 0.00	24.75 2.37 -0.99	22.30 2.16 -0.86	22.53 2.10 -1.67	20.53 1.70 -0.12	24.98 2.06 0.00	30.49 2.47 0.00	26.71 3.01 -0.01	34.91 2.83 -7.21	41.13 3.40 -8.11	57.69 3.34 -23.49	44.40 3.03 -9.47	39.77 3.64 -6.50	30.94 3.11 -0.79	26.67 2.80 -0.12
HOLTSVILLE_IC_8 23697	27.29 2.46 -0.77	25.58 2.38 -0.12	24.49 2.15 0.00	24.18 2.16 0.00	25.35 2.22 0.00	28.84 2.87 -0.12	41.09 1.81 -8.05	39.95 2.25 -6.01	31.32 1.52 0.00	24.78 2.00 0.00	24.75 2.37 -0.99	22.30 2.16 -0.86	22.53 2.10 -1.67	20.53 1.70 -0.12	24.98 2.06 0.00	30.49 2.47 0.00	26.71 3.01 -0.01	34.91 2.83 -7.21	41.13 3.40 -8.11	57.69 3.34 -23.49	44.40 3.03 -9.47	39.77 3.64 -6.50	30.94 3.11 -0.79	26.67 2.80 -0.12
HOLTSVILLE_IC_9 23698	27.29 2.46 -0.77	25.58 2.38 -0.12	24.49 2.15 0.00	24.18 2.16 0.00	25.35 2.22 0.00	28.84 2.87 -0.12	41.09 1.81 -8.05	39.95 2.25 -6.01	31.32 1.52 0.00	24.78 2.00 0.00	24.75 2.37 -0.99	22.30 2.16 -0.86	22.53 2.10 -1.67	20.53 1.70 -0.12	24.98 2.06 0.00	30.49 2.47 0.00	26.71 3.01 -0.01	34.91 2.83 -7.21	41.13 3.40 -8.11	57.69 3.34 -23.49	44.40 3.03 -9.47	39.77 3.64 -6.50	30.94 3.11 -0.79	26.67 2.80 -0.12
HOMER_HL_115KV_TB2 355744	24.91 0.84 0.00	24.29 1.20 0.00	23.37 1.03 0.00	23.17 1.15 0.00	24.17 1.04 0.00	26.72 0.88 0.00	31.92 0.69 0.00	32.10 0.41 0.00	30.31 0.51 0.00	23.55 0.77 0.00	22.03 0.64 0.00	19.92 0.64 0.00	19.15 0.39 0.00	19.09 0.37 0.00	23.51 0.60 0.00	27.72 -0.31 0.00	24.16 0.47 0.00	25.68 0.82 0.00	29.77 0.15 0.00	31.03 0.15 0.00	32.50 0.61 0.00	30.46 0.83 0.00	27.90 0.87 0.00	24.82 1.07 0.00
HOWARD_WT_PWR 323690	25.61 1.54 0.00	24.49 1.41 0.00	23.60 1.25 0.00	23.32 1.30 0.00	24.45 1.32 0.00	27.27 1.42 0.00	33.07 1.84 0.00	33.72 2.03 0.00	31.29 1.49 0.00	23.96 1.18 0.00	22.35 0.96 0.00	20.15 0.87 0.00	19.47 0.71 0.00	19.39 0.67 0.00	23.77 0.85 0.00	28.86 0.84 0.00	24.59 0.90 0.00	26.08 1.22 0.00	30.86 1.24 0.00	32.32 1.45 0.00	33.68 1.79 0.00	30.87 1.24 0.00	28.31 1.27 0.00	24.89 1.14 0.00
HQ_GEN_CEDARS 23644	24.14 0.07 0.00	23.18 0.09 0.00	22.39 0.04 0.00	22.09 0.07 0.00	23.20 0.07 0.00	25.92 0.08 0.00	30.95 -0.28 0.00	31.31 -0.38 0.00	29.68 -0.12 0.00	22.75 -0.02 0.00	21.36 -0.02 0.00	19.22 -0.06 0.00	18.72 -0.04 0.00	18.64 -0.07 0.00	22.71 -0.21 0.00	27.88 -0.14 0.00	23.55 -0.14 0.00	24.76 -0.10 0.00	29.47 -0.15 0.00	30.41 -0.46 0.00	31.35 -0.54 0.00	29.36 -0.27 0.00	26.90 -0.14 0.00	23.70 -0.05 0.00



HQ_GEN_CEDARS_PROXY 323590	24.12 0.05 0.00	23.18 0.09 0.00	22.39 0.04 0.00	22.09 0.07 0.00	23.62 0.07 -0.43	26.73 0.08 -0.80	29.72 -0.28 1.23	31.22 -0.47 0.00	29.77 -0.03 0.00	22.73 -0.05 0.00	21.36 -0.02 0.00	19.22 -0.06 0.00	18.72 -0.04 0.00	18.64 -0.07 0.00	22.71 -0.21 0.00	27.86 -0.17 0.00	23.55 -0.14 0.00	24.76 -0.10 0.00	29.35 -0.27 0.00	30.41 -0.46 0.00	31.15 -0.54 0.21	29.69 -0.15 -0.21	26.90 -0.13 0.00	23.70 -0.05 0.00
HQ_GEN_IMPORT 323601	24.05 -0.02 0.00	23.06 -0.02 0.00	22.32 -0.02 0.00	22.00 -0.02 0.00	23.53 -0.02 -0.43	26.62 -0.03 -0.80	29.72 -0.28 1.23	31.25 -0.44 0.00	29.71 -0.09 0.00	22.73 -0.05 0.00	21.36 -0.02 0.00	19.24 -0.04 0.00	18.72 -0.04 0.00	18.68 -0.04 0.00	22.83 -0.09 0.00	27.94 -0.08 0.00	23.62 -0.07 0.00	24.81 -0.05 0.00	29.71 -0.21 -0.30	30.21 -0.37 0.30	31.27 -0.42 0.21	29.72 -0.12 -0.21	26.93 -0.11 0.00	23.68 -0.07 0.00
HQ_GEN_WHEEL 23651	24.05 -0.02 0.00	23.06 -0.02 0.00	22.32 -0.02 0.00	22.00 -0.02 0.00	23.53 -0.02 -0.43	26.62 -0.03 -0.80	29.72 -0.28 1.23	31.25 -0.44 0.00	29.71 -0.09 0.00	22.73 -0.05 0.00	21.36 -0.02 0.00	19.24 -0.04 0.00	18.72 -0.04 0.00	18.68 -0.04 0.00	22.83 -0.09 0.00	27.94 -0.08 0.00	23.62 -0.07 0.00	24.81 -0.05 0.00	29.71 -0.21 -0.30	30.21 -0.37 0.30	31.27 -0.42 0.21	29.72 -0.12 -0.21	26.93 -0.11 0.00	23.68 -0.07 0.00
HUDSON_AVE_GT_3 23810	25.42 1.35 0.00	24.29 1.20 0.00	23.53 1.18 0.00	23.12 1.10 0.00	24.33 1.20 0.00	27.16 1.32 0.00	38.17 2.12 -4.81	43.94 2.28 -9.97	38.99 1.97 -7.22	38.05 1.21 -14.07	35.47 1.22 -12.87	35.47 1.10 -15.09	35.46 1.09 -15.61	35.44 1.10 -15.62	35.28 1.33 -11.03	35.00 1.79 -5.18	35.15 1.56 -9.90	34.98 1.59 -8.52	37.59 1.95 -6.01	39.74 2.38 -6.49	42.76 2.33 -8.53	34.37 1.96 -2.78	28.71 1.68 0.00	26.14 1.47 -0.92
HUDSON_AVE_GT_4 23540	25.42 1.35 0.00	24.29 1.20 0.00	23.53 1.18 0.00	23.12 1.10 0.00	24.33 1.20 0.00	27.16 1.32 0.00	38.17 2.12 -4.81	43.94 2.28 -9.97	38.99 1.97 -7.22	38.05 1.21 -14.07	35.47 1.22 -12.87	35.47 1.10 -15.09	35.46 1.09 -15.61	35.44 1.10 -15.62	35.28 1.33 -11.03	35.00 1.79 -5.18	35.15 1.56 -9.90	34.98 1.59 -8.52	37.59 1.95 -6.01	39.74 2.38 -6.49	42.76 2.33 -8.53	34.37 1.96 -2.78	28.71 1.68 0.00	26.14 1.47 -0.92
HUDSON_AVE_GT_5 23657	25.42 1.35 0.00	24.29 1.20 0.00	23.53 1.18 0.00	23.12 1.10 0.00	24.33 1.20 0.00	27.16 1.32 0.00	38.17 2.12 -4.81	43.94 2.28 -9.97	38.99 1.97 -7.22	38.05 1.21 -14.07	35.47 1.22 -12.87	35.47 1.10 -15.09	35.46 1.09 -15.61	35.44 1.10 -15.62	35.28 1.33 -11.03	35.00 1.79 -5.18	35.15 1.56 -9.90	34.98 1.59 -8.52	37.59 1.95 -6.01	39.74 2.38 -6.49	42.76 2.33 -8.53	34.37 1.96 -2.78	28.71 1.68 0.00	26.14 1.47 -0.92
HUDSON_AVE_10 24168	25.37 1.30 0.00	24.24 1.15 0.00	23.49 1.14 0.00	23.08 1.06 0.00	24.26 1.13 0.00	27.11 1.27 0.00	38.11 2.06 -4.81	43.91 2.25 -9.97	38.93 1.91 -7.22	38.03 1.18 -14.07	35.43 1.18 -12.87	35.43 1.06 -15.09	35.42 1.05 -15.61	35.40 1.07 -15.62	35.23 1.28 -11.03	34.97 1.77 -5.18	35.10 1.52 -9.90	34.95 1.57 -8.52	37.56 1.93 -6.01	39.71 2.35 -6.49	42.76 2.33 -8.53	34.34 1.93 -2.78	28.69 1.65 0.00	26.10 1.42 -0.92
HUDSON___115KV_TB 4 355613	24.53 0.46 0.00	23.46 0.37 0.00	22.77 0.42 0.00	22.40 0.37 0.00	23.62 0.49 0.00	26.44 0.59 0.00	32.26 1.03 0.00	32.71 1.01 0.00	30.34 0.54 0.00	22.80 0.02 0.00	21.32 -0.06 0.00	19.22 -0.06 0.00	18.82 0.06 0.00	18.79 0.07 0.00	23.15 0.23 0.00	28.67 0.64 0.00	24.04 0.36 0.00	25.21 0.35 0.00	30.36 0.74 0.00	31.98 1.11 0.00	32.98 1.08 0.00	30.37 0.74 0.00	27.61 0.57 0.00	24.22 0.47 0.00
HUNTER MOUNT___DRP 323613	24.53 0.46 0.00	23.48 0.39 0.00	22.79 0.45 0.00	22.42 0.40 0.00	23.66 0.53 0.00	26.52 0.67 0.00	32.39 1.16 0.00	32.77 1.08 0.00	30.34 0.54 0.00	22.70 -0.07 0.00	21.21 -0.17 0.00	19.11 -0.17 0.00	18.70 -0.06 0.00	18.66 -0.06 0.00	23.08 0.16 0.00	28.59 0.56 0.00	23.95 0.26 0.00	25.09 0.22 0.00	30.30 0.68 0.00	31.92 1.05 0.00	32.95 1.05 0.00	30.34 0.71 0.00	27.55 0.51 0.00	24.18 0.43 0.00
HUNTINGTON_RES_REC 323705	28.09 2.55 -1.47	25.75 2.45 -0.22	24.20 1.85 0.00	24.18 2.16 0.00	25.07 1.94 0.00	28.89 2.82 -0.23	48.45 1.91 -15.31	45.47 2.35 -11.44	30.93 1.13 0.00	24.55 1.78 0.00	25.73 2.46 -1.89	23.21 2.27 -1.66	24.14 2.19 -3.19	20.58 1.65 -0.22	24.80 1.88 0.00	30.18 2.16 0.00	26.49 2.79 -0.01	41.52 2.93 -13.73	48.60 3.55 -15.43	78.99 3.43 -44.69	53.04 3.13 -18.01	45.75 3.76 -12.36	31.73 3.19 -1.51	26.83 2.85 -0.23
HUNTLEY___63 23557	23.66 -0.41 0.00	23.20 0.12 0.00	22.32 -0.02 0.00	22.20 0.18 0.00	23.04 -0.09 0.00	25.61 -0.23 0.00	30.20 -1.03 0.00	30.71 -0.98 0.00	29.08 -0.72 0.00	22.84 0.07 0.00	21.36 -0.02 0.00	19.32 0.04 0.00	18.55 -0.21 0.00	18.49 -0.22 0.00	22.48 -0.44 0.00	26.43 -1.60 0.00	23.10 -0.59 0.00	24.37 -0.50 0.00	28.08 -1.54 0.00	29.30 -1.57 0.00	30.91 -0.99 0.00	28.86 -0.77 0.00	26.55 -0.49 0.00	23.53 -0.21 0.00
HUNTLEY___64 23558	23.66 -0.41 0.00	23.20 0.12 0.00	22.32 -0.02 0.00	22.20 0.18 0.00	23.04 -0.09 0.00	25.61 -0.23 0.00	30.20 -1.03 0.00	30.71 -0.98 0.00	29.08 -0.72 0.00	22.84 0.07 0.00	21.36 -0.02 0.00	19.32 0.04 0.00	18.55 -0.21 0.00	18.49 -0.22 0.00	22.48 -0.44 0.00	26.43 -1.60 0.00	23.10 -0.59 0.00	24.37 -0.50 0.00	28.08 -1.54 0.00	29.30 -1.57 0.00	30.91 -0.99 0.00	28.86 -0.77 0.00	26.55 -0.49 0.00	23.53 -0.21 0.00
HUNTLEY___65 23559	23.66 -0.41 0.00	23.20 0.12 0.00	22.32 -0.02 0.00	22.20 0.18 0.00	23.04 -0.09 0.00	25.61 -0.23 0.00	30.20 -1.03 0.00	30.71 -0.98 0.00	29.08 -0.72 0.00	22.84 0.07 0.00	21.36 -0.02 0.00	19.32 0.04 0.00	18.55 -0.21 0.00	18.49 -0.22 0.00	22.48 -0.44 0.00	26.43 -1.60 0.00	23.10 -0.59 0.00	24.37 -0.50 0.00	28.08 -1.54 0.00	29.30 -1.57 0.00	30.91 -0.99 0.00	28.86 -0.77 0.00	26.55 -0.49 0.00	23.53 -0.21 0.00
HUNTLEY___66 23560	23.66 -0.41 0.00	23.20 0.12 0.00	22.32 -0.02 0.00	22.20 0.18 0.00	23.04 -0.09 0.00	25.61 -0.23 0.00	30.20 -1.03 0.00	30.71 -0.98 0.00	29.08 -0.72 0.00	22.84 0.07 0.00	21.36 -0.02 0.00	19.32 0.04 0.00	18.55 -0.21 0.00	18.49 -0.22 0.00	22.48 -0.44 0.00	26.43 -1.60 0.00	23.10 -0.59 0.00	24.37 -0.50 0.00	28.08 -1.54 0.00	29.30 -1.57 0.00	30.91 -0.99 0.00	28.86 -0.77 0.00	26.55 -0.49 0.00	23.53 -0.21 0.00
HUNTLEY___67 23561	23.61 -0.46 0.00	23.18 0.09 0.00	22.28 -0.07 0.00	22.13 0.11 0.00	22.99 -0.14 0.00	25.56 -0.28 0.00	30.14 -1.09 0.00	30.62 -1.08 0.00	28.99 -0.80 0.00	22.77 0.00 0.00	21.32 -0.06 0.00	19.28 0.00 0.00	18.54 -0.23 0.00	18.47 -0.24 0.00	22.46 -0.46 0.00	26.43 -1.60 0.00	23.07 -0.62 0.00	24.34 -0.52 0.00	28.05 -1.57 0.00	29.27 -1.61 0.00	30.81 -1.08 0.00	28.83 -0.80 0.00	26.52 -0.51 0.00	23.53 -0.21 0.00



HUNTLEY___68 23562	23.61 -0.46 0.00	23.18 0.09 0.00	22.28 -0.07 0.00	22.13 0.11 0.00	22.99 -0.14 0.00	25.56 -0.28 0.00	30.14 -1.09 0.00	30.62 -1.08 0.00	28.99 -0.80 0.00	22.77 0.00 0.00	21.32 -0.06 0.00	19.28 0.00 0.00	18.54 -0.23 0.00	18.47 -0.24 0.00	22.46 -0.46 0.00	26.43 -1.60 0.00	23.07 -0.62 0.00	24.34 -0.52 0.00	28.05 -1.57 0.00	29.27 -1.61 0.00	30.81 -1.08 0.00	28.83 -0.80 0.00	26.52 -0.51 0.00	23.53 -0.21 0.00
HYLAND___LFGE 323620	25.73 1.66 0.00	24.59 1.50 0.00	23.64 1.30 0.00	23.39 1.37 0.00	24.54 1.41 0.00	27.42 1.58 0.00	33.17 1.94 0.00	33.78 2.09 0.00	30.96 1.16 0.00	23.48 0.71 0.00	21.79 0.41 0.00	19.63 0.35 0.00	18.95 0.19 0.00	18.85 0.13 0.00	23.06 0.14 0.00	28.11 0.08 0.00	24.00 0.31 0.00	25.54 0.67 0.00	30.42 0.80 0.00	32.20 1.33 0.00	33.97 2.07 0.00	30.99 1.36 0.00	28.52 1.49 0.00	24.98 1.23 0.00
INDECK___CORINTH 23802	24.50 0.43 0.00	23.52 0.44 0.00	22.77 0.42 0.00	22.42 0.40 0.00	23.68 0.55 0.00	26.54 0.70 0.00	32.42 1.19 0.00	33.05 1.36 0.00	30.60 0.80 0.00	22.95 0.18 0.00	21.45 0.06 0.00	19.34 0.06 0.00	18.86 0.09 0.00	18.79 0.08 0.00	23.22 0.30 0.00	28.84 0.81 0.00	24.09 0.40 0.00	25.29 0.42 0.00	30.57 0.95 0.00	32.11 1.24 0.00	33.17 1.28 0.00	30.43 0.80 0.00	27.69 0.65 0.00	24.25 0.50 0.00
INDECK___ILION 23567	24.12 0.05 0.00	23.13 0.05 0.00	22.39 0.04 0.00	22.05 0.02 0.00	23.18 0.05 0.00	25.92 0.08 0.00	31.45 0.22 0.00	31.91 0.22 0.00	29.89 0.09 0.00	22.77 0.00 0.00	21.36 -0.02 0.00	19.24 -0.04 0.00	18.74 -0.02 0.00	18.71 0.00 0.00	22.94 0.02 0.00	28.11 0.08 0.00	23.74 0.05 0.00	24.91 0.05 0.00	29.74 0.12 0.00	31.09 0.22 0.00	32.15 0.26 0.00	29.78 0.15 0.00	27.12 0.08 0.00	23.80 0.05 0.00
INDECK___OLEAN 23982	25.35 1.27 0.00	24.29 1.20 0.00	23.37 1.03 0.00	23.17 1.14 0.00	24.22 1.09 0.00	26.73 0.88 0.00	31.95 0.72 0.00	32.26 0.57 0.00	30.27 0.48 0.00	23.55 0.77 0.00	22.03 0.64 0.00	19.91 0.64 0.00	19.16 0.39 0.00	19.09 0.37 0.00	23.51 0.59 0.00	28.14 0.11 0.00	24.16 0.47 0.00	25.68 0.82 0.00	29.86 0.24 0.00	30.96 0.09 0.00	32.44 0.54 0.00	29.90 0.27 0.00	27.90 0.86 0.00	24.82 1.07 0.00
INDECK___OSWEGO 23783	23.52 -0.55 0.00	22.53 -0.55 0.00	21.79 -0.56 0.00	21.52 -0.51 0.00	22.55 -0.58 0.00	25.20 -0.65 0.00	30.54 -0.69 0.00	31.09 -0.60 0.00	29.08 -0.72 0.00	22.36 -0.41 0.00	20.93 -0.45 0.00	18.87 -0.41 0.00	18.33 -0.43 0.00	18.27 -0.45 0.00	22.39 -0.53 0.00	27.24 -0.78 0.00	23.00 -0.69 0.00	24.17 -0.70 0.00	28.76 -0.86 0.00	30.10 -0.77 0.00	31.23 -0.67 0.00	28.83 -0.80 0.00	26.36 -0.67 0.00	23.13 -0.62 0.00
INDECK___YERKES 23781	24.24 0.17 0.00	23.23 0.14 0.00	22.35 0.00 0.00	22.20 0.18 0.00	23.15 0.02 0.00	25.64 -0.21 0.00	30.26 -0.97 0.00	30.87 -0.82 0.00	29.17 -0.63 0.00	22.86 0.09 0.00	21.38 0.00 0.00	19.34 0.06 0.00	18.57 -0.19 0.00	18.51 -0.21 0.00	22.48 -0.44 0.00	27.10 -0.92 0.00	23.10 -0.59 0.00	24.39 -0.47 0.00	28.14 -1.48 0.00	29.27 -1.61 0.00	30.87 -1.02 0.00	28.30 -1.33 0.00	26.58 -0.46 0.00	23.56 -0.19 0.00
INDIAN POINT_GT_1 24139	25.20 1.13 0.00	24.08 0.99 0.00	23.33 0.98 0.00	22.93 0.90 0.00	24.12 0.99 0.00	26.93 1.09 0.00	33.04 1.81 0.00	33.66 1.96 0.00	31.41 1.61 0.00	23.71 0.93 0.00	22.37 0.98 0.00	20.15 0.87 0.00	19.62 0.86 0.00	19.59 0.88 0.00	23.97 1.05 0.00	29.54 1.51 0.00	24.97 1.28 0.00	26.18 1.32 0.00	31.25 1.63 0.00	32.94 2.07 0.00	33.91 2.01 0.00	31.29 1.66 0.00	28.42 1.38 0.00	24.96 1.21 0.00
INDIAN POINT_GT_2 23659	25.20 1.13 0.00	24.08 0.99 0.00	23.33 0.98 0.00	22.93 0.90 0.00	24.12 0.99 0.00	26.93 1.09 0.00	33.04 1.81 0.00	33.66 1.96 0.00	31.41 1.61 0.00	23.71 0.93 0.00	22.37 0.98 0.00	20.15 0.87 0.00	19.62 0.86 0.00	19.59 0.88 0.00	23.97 1.05 0.00	29.54 1.51 0.00	24.97 1.28 0.00	26.18 1.32 0.00	31.25 1.63 0.00	32.94 2.07 0.00	33.91 2.01 0.00	31.29 1.66 0.00	28.42 1.38 0.00	24.96 1.21 0.00
INDIAN POINT_GT_3 24019	25.20 1.13 0.00	24.08 0.99 0.00	23.33 0.98 0.00	22.93 0.90 0.00	24.12 0.99 0.00	26.93 1.09 0.00	33.04 1.81 0.00	33.66 1.96 0.00	31.41 1.61 0.00	23.71 0.93 0.00	22.37 0.98 0.00	20.15 0.87 0.00	19.62 0.86 0.00	19.59 0.88 0.00	23.97 1.05 0.00	29.54 1.51 0.00	24.97 1.28 0.00	26.18 1.32 0.00	31.25 1.63 0.00	32.94 2.07 0.00	33.91 2.01 0.00	31.29 1.66 0.00	28.42 1.38 0.00	24.96 1.21 0.00
INDIAN POINT___2 23530	25.13 1.06 0.00	24.10 1.01 0.00	23.35 1.01 0.00	22.97 0.95 0.00	24.12 0.99 0.00	26.96 1.11 0.00	33.04 1.81 0.00	33.72 2.03 0.00	31.29 1.49 0.00	23.75 0.98 0.00	22.39 1.01 0.00	20.19 0.91 0.00	19.66 0.90 0.00	19.63 0.92 0.00	24.02 1.10 0.00	29.45 1.43 0.00	25.01 1.33 0.00	26.23 1.37 0.00	31.46 1.84 0.00	32.97 2.10 0.00	33.94 2.04 0.00	31.32 1.69 0.00	28.44 1.41 0.00	24.98 1.23 0.00
INDIAN POINT___3 23531	25.11 1.04 0.00	23.99 0.90 0.00	23.24 0.89 0.00	22.86 0.84 0.00	24.05 0.93 0.00	26.83 0.98 0.00	32.85 1.62 0.00	33.47 1.77 0.00	31.29 1.49 0.00	23.61 0.84 0.00	22.26 0.88 0.00	20.07 0.79 0.00	19.55 0.79 0.00	19.52 0.80 0.00	23.88 0.96 0.00	29.37 1.35 0.00	24.85 1.16 0.00	26.06 1.19 0.00	31.13 1.51 0.00	32.76 1.88 0.00	33.71 1.82 0.00	31.14 1.51 0.00	28.31 1.27 0.00	24.84 1.09 0.00
INGHAM_C_115KV_TB7 356103	23.93 -0.14 0.00	22.92 -0.16 0.00	22.19 -0.16 0.00	21.87 -0.15 0.00	22.99 -0.14 0.00	25.72 -0.13 0.00	31.20 -0.03 0.00	31.66 -0.03 0.00	29.62 -0.18 0.00	22.52 -0.25 0.00	21.13 -0.26 0.00	19.05 -0.23 0.00	18.54 -0.23 0.00	18.51 -0.21 0.00	22.69 -0.23 0.00	27.83 -0.20 0.00	23.50 -0.19 0.00	24.66 -0.20 0.00	29.44 -0.18 0.00	30.81 -0.06 0.00	31.83 -0.06 0.00	29.51 -0.12 0.00	26.85 -0.19 0.00	23.56 -0.19 0.00
IP CORINTH___1 23988	24.58 0.51 0.00	23.52 0.44 0.00	22.77 0.42 0.00	22.42 0.40 0.00	23.68 0.56 0.00	26.54 0.70 0.00	32.42 1.19 0.00	33.06 1.36 0.00	30.63 0.83 0.00	22.98 0.20 0.00	21.45 0.06 0.00	19.34 0.06 0.00	18.85 0.09 0.00	18.79 0.07 0.00	23.22 0.30 0.00	28.89 0.87 0.00	24.09 0.40 0.00	25.29 0.42 0.00	30.51 0.89 0.00	32.11 1.23 0.00	33.17 1.28 0.00	30.46 0.83 0.00	27.69 0.65 0.00	24.25 0.50 0.00
IP___TICONDEROGA 23804	25.23 1.16 0.00	24.17 1.09 0.00	23.37 1.03 0.00	23.04 1.01 0.00	24.40 1.27 0.00	27.45 1.60 0.00	33.64 2.40 0.00	34.32 2.63 0.00	31.62 1.82 0.00	23.50 0.73 0.00	21.79 0.41 0.00	19.63 0.35 0.00	19.10 0.34 0.00	19.01 0.30 0.00	23.65 0.73 0.00	29.82 1.79 0.00	24.61 0.92 0.00	25.88 1.02 0.00	31.40 1.78 0.00	33.09 2.22 0.00	34.38 2.49 0.00	31.44 1.81 0.00	28.50 1.46 0.00	24.89 1.14 0.00



ISLIP_RES_REC 323679	27.30 2.55 -0.68	25.66 2.47 -0.10	24.58 2.23 0.00	24.27 2.25 0.00	25.44 2.31 0.00	28.93 2.97 -0.11	40.33 1.97 -7.13	39.42 2.41 -5.32	31.47 1.67 0.00	24.87 2.09 0.00	24.73 2.46 -0.88	22.28 2.24 -0.77	22.40 2.16 -1.48	20.58 1.76 -0.10	25.07 2.15 0.00	30.60 2.58 0.00	26.82 3.13 -0.01	34.24 2.98 -6.40	40.35 3.55 -7.18	55.19 3.52 -20.80	43.50 3.22 -8.38	39.18 3.79 -5.75	30.98 3.24 -0.70	26.76 2.90 -0.11
JAMAICA__27_KV_LOAD 355505	25.49 1.42 0.00	24.36 1.27 0.00	23.60 1.25 0.00	23.17 1.15 0.00	24.38 1.25 0.00	27.27 1.42 0.00	38.32 2.28 -4.81	44.17 2.50 -9.97	39.20 2.18 -7.22	38.21 1.37 -14.07	35.58 1.33 -12.87	35.57 1.20 -15.09	35.54 1.16 -15.61	35.54 1.20 -15.62	35.39 1.44 -11.03	35.14 1.93 -5.18	35.27 1.68 -9.90	35.13 1.74 -8.52	37.83 2.19 -6.01	40.01 2.65 -6.49	43.04 2.62 -8.53	34.55 2.13 -2.78	28.90 1.87 0.00	26.26 1.59 -0.92
JANIS____SOLAR 323808	25.52 1.44 0.00	24.42 1.34 0.00	23.57 1.23 0.00	23.30 1.28 0.00	24.45 1.32 0.00	27.40 1.55 0.00	33.45 2.22 0.00	34.74 3.04 0.00	31.95 2.15 0.00	24.16 1.39 0.00	22.30 0.92 0.00	19.95 0.67 0.00	19.32 0.56 0.00	19.26 0.54 0.00	23.81 0.89 0.00	29.37 1.35 0.00	24.45 0.76 0.00	25.93 1.07 0.00	31.07 1.45 0.00	32.66 1.79 0.00	34.03 2.14 0.00	31.23 1.60 0.00	28.50 1.46 0.00	24.96 1.21 0.00
JARVIS____ 23743	24.14 0.07 0.00	23.16 0.07 0.00	22.41 0.07 0.00	22.09 0.07 0.00	23.20 0.07 0.00	25.92 0.08 0.00	31.45 0.22 0.00	31.95 0.25 0.00	29.92 0.12 0.00	22.82 0.05 0.00	21.43 0.04 0.00	19.32 0.04 0.00	18.80 0.04 0.00	18.75 0.04 0.00	22.99 0.07 0.00	28.14 0.11 0.00	23.78 0.10 0.00	24.94 0.07 0.00	29.80 0.18 0.00	31.12 0.25 0.00	32.15 0.25 0.00	29.78 0.15 0.00	27.15 0.11 0.00	23.84 0.10 0.00
JENNISON____1 23625	25.64 1.56 0.00	24.63 1.55 0.00	23.82 1.47 0.00	23.50 1.48 0.00	24.66 1.53 0.00	27.63 1.78 0.00	33.79 2.56 0.00	36.61 4.91 0.00	33.61 3.81 0.00	25.21 2.44 0.00	23.22 1.84 0.00	20.69 1.41 0.00	20.06 1.29 0.00	20.01 1.29 0.00	24.87 1.95 0.00	30.80 2.77 0.00	24.83 1.14 0.00	26.23 1.37 0.00	31.34 1.72 0.00	32.97 2.10 0.00	34.29 2.39 0.00	31.67 2.04 0.00	28.74 1.70 0.00	25.20 1.45 0.00
JENNISON____2 23626	25.64 1.56 0.00	24.63 1.55 0.00	23.82 1.47 0.00	23.50 1.48 0.00	24.66 1.53 0.00	27.63 1.78 0.00	33.79 2.56 0.00	36.61 4.91 0.00	33.61 3.81 0.00	25.21 2.44 0.00	23.22 1.84 0.00	20.69 1.41 0.00	20.06 1.29 0.00	20.01 1.29 0.00	24.87 1.95 0.00	30.80 2.77 0.00	24.83 1.14 0.00	26.23 1.37 0.00	31.34 1.72 0.00	32.97 2.10 0.00	34.29 2.39 0.00	31.67 2.04 0.00	28.74 1.70 0.00	25.20 1.45 0.00
JERICHO_RISE_WT_PWR 323719	24.38 0.31 0.00	23.39 0.30 0.00	22.57 0.22 0.00	22.24 0.22 0.00	23.31 0.18 0.00	26.05 0.21 0.00	30.86 -0.37 0.00	30.87 -0.82 0.00	29.86 0.06 0.00	23.09 0.32 0.00	21.77 0.39 0.00	19.61 0.33 0.00	19.08 0.32 0.00	18.98 0.26 0.00	23.12 0.21 0.00	28.36 0.34 0.00	23.97 0.29 0.00	25.24 0.37 0.00	29.83 0.21 0.00	30.81 -0.06 0.00	31.58 -0.32 0.00	29.63 0.00 0.00	26.98 -0.05 0.00	23.75 0.00 0.00
KATONAH__115KV_46KV_TB4 355592	25.23 1.16 0.00	24.13 1.04 0.00	23.35 1.01 0.00	22.99 0.97 0.00	24.17 1.04 0.00	27.01 1.16 0.00	33.17 1.94 0.00	33.78 2.09 0.00	31.50 1.70 0.00	23.71 0.93 0.00	22.33 0.94 0.00	20.13 0.85 0.00	19.57 0.81 0.00	19.54 0.82 0.00	23.93 1.01 0.00	29.54 1.51 0.00	24.94 1.26 0.00	26.11 1.24 0.00	31.25 1.63 0.00	33.00 2.13 0.00	33.97 2.07 0.00	31.35 1.72 0.00	28.39 1.35 0.00	24.91 1.16 0.00
KCE_NY_1 323755	24.72 0.65 0.00	23.73 0.65 0.00	22.99 0.65 0.00	22.62 0.59 0.00	23.87 0.74 0.00	26.73 0.88 0.00	32.54 1.31 0.00	33.15 1.46 0.00	30.75 0.95 0.00	23.16 0.39 0.00	21.71 0.32 0.00	19.59 0.31 0.00	19.10 0.34 0.00	19.05 0.34 0.00	23.47 0.55 0.00	29.01 0.98 0.00	24.35 0.66 0.00	25.51 0.65 0.00	30.74 1.13 0.00	32.26 1.39 0.00	33.30 1.40 0.00	30.64 1.01 0.00	27.88 0.84 0.00	24.46 0.71 0.00
KCE_NY_6_ESR 323823	24.60 0.53 0.00	23.57 0.49 0.00	22.66 0.31 0.00	22.51 0.48 0.00	23.48 0.35 0.00	26.00 0.16 0.00	30.76 -0.47 0.00	31.38 -0.32 0.00	29.62 -0.18 0.00	23.18 0.41 0.00	21.71 0.32 0.00	19.63 0.35 0.00	18.86 0.09 0.00	18.81 0.09 0.00	22.87 -0.05 0.00	27.52 -0.50 0.00	23.47 -0.21 0.00	24.81 -0.05 0.00	28.67 -0.95 0.00	29.82 -1.05 0.00	31.42 -0.48 0.00	28.80 -0.83 0.00	27.01 -0.03 0.00	23.96 0.21 0.00
KEDC_PORT_JEFF_GT2 24210	27.39 2.46 -0.86	25.62 2.40 -0.13	24.47 2.12 0.00	24.18 2.16 0.00	25.33 2.20 0.00	28.85 2.87 -0.14	42.05 1.81 -9.01	40.70 2.28 -6.73	31.29 1.49 0.00	24.75 1.98 0.00	24.89 2.39 -1.11	22.43 2.18 -0.97	22.75 2.12 -1.87	20.55 1.70 -0.13	24.98 2.06 0.00	30.46 2.44 0.00	26.71 3.01 -0.01	35.78 2.86 -8.06	42.04 3.35 -9.07	60.43 3.27 -26.29	45.46 2.97 -10.60	40.57 3.67 -7.27	31.06 3.13 -0.89	26.69 2.80 -0.14
KEDC_PORT_JEFF_GT3 24211	27.39 2.46 -0.86	25.62 2.40 -0.13	24.47 2.12 0.00	24.18 2.16 0.00	25.33 2.20 0.00	28.85 2.87 -0.14	42.05 1.81 -9.01	40.70 2.28 -6.73	31.29 1.49 0.00	24.75 1.98 0.00	24.89 2.39 -1.11	22.43 2.18 -0.97	22.75 2.12 -1.87	20.55 1.70 -0.13	24.98 2.06 0.00	30.46 2.44 0.00	26.71 3.01 -0.01	35.78 2.86 -8.06	42.04 3.35 -9.07	60.43 3.27 -26.29	45.46 2.97 -10.60	40.57 3.67 -7.27	31.06 3.13 -0.89	26.69 2.80 -0.14
KEDC_GLWD_GT4 24219	25.66 1.59 0.00	24.61 1.52 0.00	23.69 1.34 0.00	23.41 1.39 0.00	24.52 1.39 0.00	27.59 1.73 -0.01	33.20 1.97 0.00	33.98 2.28 0.00	31.35 1.55 0.00	24.09 1.32 0.00	22.94 1.54 -0.02	20.67 1.39 0.00	20.12 1.35 -0.01	19.91 1.20 0.00	24.39 1.47 0.00	29.82 1.80 0.00	25.59 1.90 -0.01	26.92 1.94 -0.12	32.14 2.52 0.00	33.56 2.68 0.00	34.45 2.55 0.00	32.12 2.49 0.00	29.11 2.05 -0.02	25.56 1.80 -0.01
KEDC_GLWD_GT5 24220	25.66 1.59 0.00	24.61 1.52 0.00	23.69 1.34 0.00	23.41 1.39 0.00	24.52 1.39 0.00	27.59 1.73 -0.01	33.20 1.97 0.00	33.98 2.28 0.00	31.35 1.55 0.00	24.09 1.32 0.00	22.94 1.54 -0.02	20.67 1.39 0.00	20.12 1.35 -0.01	19.91 1.20 0.00	24.39 1.47 0.00	29.82 1.80 0.00	25.59 1.90 -0.01	26.92 1.94 -0.12	32.14 2.52 0.00	33.56 2.68 0.00	34.45 2.55 0.00	32.12 2.49 0.00	29.11 2.05 -0.02	25.56 1.80 -0.01
KENSICO____ 23655	25.20 1.13 0.00	24.08 0.99 0.00	23.33 0.98 0.00	22.95 0.92 0.00	24.15 1.02 0.00	26.96 1.11 0.00	33.04 1.81 0.00	33.66 1.96 0.00	31.44 1.64 0.00	23.75 0.98 0.00	22.39 1.01 0.00	20.19 0.91 0.00	19.64 0.88 0.00	19.61 0.90 0.00	24.02 1.10 0.00	29.57 1.54 0.00	25.02 1.33 0.00	26.21 1.34 0.00	31.28 1.66 0.00	32.94 2.07 0.00	33.91 2.01 0.00	31.32 1.69 0.00	28.44 1.41 0.00	24.98 1.23 0.00



KERHONKS_69_KV_TR1_REV_LBMP_G 345021	25.37 1.30 0.00	24.24 1.15 0.00	23.49 1.14 0.00	23.10 1.08 0.00	24.33 1.20 0.00	27.19 1.34 0.00	33.35 2.12 0.00	33.85 2.16 0.00	31.56 1.76 0.00	23.73 0.96 0.00	22.35 0.96 0.00	20.11 0.83 0.00	19.53 0.77 0.00	19.48 0.77 0.00	23.90 0.99 0.00	29.40 1.37 0.00	24.90 1.21 0.00	26.16 1.29 0.00	31.28 1.66 0.00	33.00 2.13 0.00	33.94 2.04 0.00	31.44 1.81 0.00	28.44 1.41 0.00	24.96 1.21 0.00
KIAC_JFK_GT1 23816	25.37 1.30 0.00	24.24 1.15 0.00	23.49 1.14 0.00	23.06 1.04 0.00	24.26 1.13 0.00	27.14 1.29 0.00	38.01 1.97 -4.81	43.85 2.19 -9.97	38.90 1.88 -7.22	37.98 1.14 -14.07	35.36 1.11 -12.87	35.37 1.00 -15.09	35.37 0.99 -15.61	35.35 1.01 -15.62	35.16 1.21 -11.03	34.89 1.68 -5.18	35.03 1.44 -9.90	34.88 1.49 -8.52	37.53 1.90 -6.01	39.71 2.35 -6.49	42.73 2.30 -8.53	34.25 1.84 -2.78	28.74 1.70 0.00	26.12 1.45 -0.92
KIAC_JFK_GT2 23817	25.37 1.30 0.00	24.24 1.15 0.00	23.49 1.14 0.00	23.06 1.04 0.00	24.26 1.13 0.00	27.14 1.29 0.00	38.01 1.97 -4.81	43.85 2.19 -9.97	38.90 1.88 -7.22	37.98 1.14 -14.07	35.36 1.11 -12.87	35.37 1.00 -15.09	35.37 0.99 -15.61	35.35 1.01 -15.62	35.16 1.21 -11.03	34.89 1.68 -5.18	35.03 1.44 -9.90	34.88 1.49 -8.52	37.53 1.90 -6.01	39.71 2.35 -6.49	42.73 2.30 -8.53	34.25 1.84 -2.78	28.74 1.70 0.00	26.12 1.45 -0.92
KIAC_JFK____ 323774	25.27 1.20 0.00	24.24 1.15 0.00	23.48 1.14 0.00	23.08 1.06 0.00	24.24 1.11 0.00	27.14 1.29 0.00	37.98 1.94 -4.81	43.91 2.25 -9.97	38.72 1.70 -7.22	37.98 1.14 -14.07	35.36 1.11 -12.87	35.37 1.00 -15.09	35.37 0.99 -15.61	35.35 1.01 -15.62	35.16 1.21 -11.03	34.75 1.54 -5.18	35.06 1.47 -9.90	34.90 1.52 -8.52	37.71 2.07 -6.01	39.70 2.35 -6.49	42.76 2.33 -8.53	34.25 1.84 -2.78	28.75 1.70 -0.01	26.12 1.45 -0.92
KINTIGH____ 23543	23.32 -0.75 0.00	22.81 -0.28 0.00	21.97 -0.38 0.00	21.78 -0.24 0.00	22.67 -0.46 0.00	25.23 -0.62 0.00	29.86 -1.37 0.00	30.36 -1.33 0.00	28.70 -1.10 0.00	22.45 -0.32 0.00	21.02 -0.36 0.00	18.99 -0.29 0.00	18.29 -0.47 0.00	18.23 -0.49 0.00	22.18 -0.73 0.00	26.23 -1.79 0.00	22.79 -0.90 0.00	23.99 -0.87 0.00	27.81 -1.81 0.00	29.02 -1.85 0.00	30.52 -1.37 0.00	28.50 -1.13 0.00	26.20 -0.84 0.00	23.18 -0.57 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	24.91 0.84 0.00	23.89 0.81 0.00	23.04 0.69 0.00	22.71 0.68 0.00	23.80 0.67 0.00	26.57 0.72 0.00	31.20 -0.03 0.00	31.72 0.03 0.00	30.22 0.42 0.00	23.66 0.89 0.00	22.35 0.96 0.00	20.09 0.81 0.00	19.55 0.79 0.00	19.41 0.69 0.00	23.58 0.66 0.00	28.98 0.95 0.00	24.52 0.83 0.00	25.88 1.02 0.00	30.66 1.04 0.00	31.61 0.74 0.00	32.31 0.41 0.00	30.13 0.50 0.00	27.44 0.41 0.00	24.10 0.36 0.00
LACHUTE____HYDRO 323717	25.18 1.11 0.00	24.17 1.09 0.00	23.37 1.03 0.00	23.04 1.01 0.00	24.40 1.27 0.00	27.45 1.60 0.00	33.60 2.37 0.00	34.36 2.66 0.00	31.62 1.82 0.00	23.45 0.68 0.00	21.79 0.41 0.00	19.63 0.35 0.00	19.10 0.34 0.00	19.01 0.30 0.00	23.65 0.73 0.00	29.73 1.71 0.00	24.61 0.92 0.00	25.86 1.00 0.00	31.46 1.84 0.00	33.12 2.25 0.00	34.39 2.49 0.00	31.38 1.75 0.00	28.50 1.46 0.00	24.89 1.14 0.00
LAWRNCV_115KV_TB1 80681	23.95 -0.12 0.00	22.97 -0.12 0.00	22.21 -0.13 0.00	21.89 -0.13 0.00	23.01 -0.12 0.00	25.74 -0.10 0.00	30.64 -0.59 0.00	31.03 -0.67 0.00	29.35 -0.45 0.00	22.43 -0.34 0.00	21.06 -0.32 0.00	18.95 -0.33 0.00	18.46 -0.30 0.00	18.36 -0.36 0.00	22.30 -0.62 0.00	27.41 -0.62 0.00	23.12 -0.57 0.00	24.34 -0.52 0.00	29.03 -0.59 0.00	29.98 -0.90 0.00	30.94 -0.96 0.00	28.92 -0.71 0.00	26.55 -0.49 0.00	23.51 -0.24 0.00
LEDERLE____ 23769	25.18 1.11 0.00	24.08 0.99 0.00	23.33 0.98 0.00	22.93 0.90 0.00	24.12 0.99 0.00	26.91 1.06 0.00	32.98 1.75 0.00	33.59 1.90 0.00	31.41 1.61 0.00	23.71 0.93 0.00	22.35 0.96 0.00	20.13 0.85 0.00	19.59 0.83 0.00	19.56 0.84 0.00	23.97 1.05 0.00	29.43 1.40 0.00	24.92 1.23 0.00	26.13 1.27 0.00	31.22 1.60 0.00	32.85 1.98 0.00	33.78 1.88 0.00	31.26 1.63 0.00	28.39 1.35 0.00	24.91 1.16 0.00
LIGHTHSE_115KV_TB6 355974	23.73 -0.34 0.00	22.79 -0.30 0.00	22.03 -0.31 0.00	21.76 -0.26 0.00	22.81 -0.32 0.00	25.51 -0.34 0.00	30.98 -0.25 0.00	31.41 -0.29 0.00	29.32 -0.48 0.00	22.48 -0.30 0.00	21.04 -0.34 0.00	18.95 -0.33 0.00	18.39 -0.38 0.00	18.34 -0.37 0.00	22.48 -0.44 0.00	27.27 -0.76 0.00	23.07 -0.62 0.00	24.32 -0.55 0.00	29.00 -0.62 0.00	30.47 -0.40 0.00	31.74 -0.16 0.00	29.36 -0.27 0.00	26.71 -0.32 0.00	23.42 -0.33 0.00
LINDEN COGEN____ 23786	25.23 1.16 0.00	24.22 1.13 0.00	23.46 1.12 0.00	23.08 1.06 0.00	24.19 1.06 0.00	27.06 1.22 0.00	38.01 1.97 -4.81	43.85 2.19 -9.97	38.72 1.70 -7.22	37.98 1.14 -14.07	35.41 1.15 -12.87	35.41 1.04 -15.09	35.40 1.03 -15.61	35.39 1.05 -15.62	35.21 1.26 -11.03	34.80 1.60 -5.18	35.08 1.49 -9.90	34.93 1.54 -8.52	37.68 2.04 -6.01	39.64 2.28 -6.49	42.66 2.23 -8.53	34.28 1.87 -2.78	28.64 1.59 -0.01	26.05 1.38 -0.92
LINDHRST_69_KV_BK1 356055	26.76 2.65 -0.04	25.47 2.38 -0.01	24.33 1.99 0.00	23.90 1.87 0.00	25.23 2.10 0.00	28.67 2.82 -0.01	33.60 1.97 -0.40	34.30 2.31 -0.30	32.84 3.04 0.00	24.71 1.94 0.00	23.81 2.35 -0.07	21.46 2.14 -0.04	20.92 2.06 -0.10	20.37 1.65 -0.01	24.91 1.99 0.00	31.47 3.45 0.00	26.58 2.89 0.00	28.16 2.81 -0.49	32.51 2.49 -0.40	35.34 3.30 -1.16	35.46 3.09 -0.47	32.20 2.25 -0.32	30.20 3.11 -0.06	26.53 2.78 -0.01
LIPA_MISC_IPP 23656	27.49 2.62 -0.80	25.54 2.33 -0.12	24.42 2.08 0.00	23.96 1.94 0.00	25.30 2.17 0.00	28.78 2.82 -0.12	41.34 1.72 -8.39	40.05 2.09 -6.27	32.84 3.04 0.00	24.73 1.96 0.00	24.75 2.33 -1.03	22.32 2.14 -0.90	22.56 2.06 -1.73	20.50 1.67 -0.12	24.89 1.97 0.00	31.47 3.45 0.00	26.60 2.91 0.00	35.06 2.71 -7.49	40.32 2.25 -8.45	58.38 3.03 -24.49	44.54 2.77 -9.87	38.42 2.01 -6.77	30.86 3.00 -0.82	26.60 2.73 -0.12
LISF____SOLAR 323691	27.29 2.43 -0.79	25.58 2.38 -0.12	24.49 2.15 0.00	24.18 2.16 0.00	25.33 2.20 0.00	28.82 2.84 -0.13	41.30 1.75 -8.32	40.09 2.19 -6.21	31.26 1.46 0.00	24.71 1.93 0.00	24.74 2.33 -1.03	22.31 2.14 -0.89	22.56 2.08 -1.72	20.52 1.68 -0.12	24.91 1.99 0.00	30.41 2.38 0.00	26.63 2.94 -0.01	35.05 2.76 -7.43	41.32 3.32 -8.38	58.39 3.24 -24.28	44.62 2.93 -9.79	39.90 3.55 -6.72	30.91 3.05 -0.82	26.65 2.78 -0.13
LITTLE FALLS____HYD 24013	23.93 -0.14 0.00	22.92 -0.16 0.00	22.19 -0.16 0.00	21.87 -0.15 0.00	22.99 -0.14 0.00	25.72 -0.13 0.00	31.20 -0.03 0.00	31.66 -0.03 0.00	29.62 -0.18 0.00	22.52 -0.25 0.00	21.13 -0.26 0.00	19.05 -0.23 0.00	18.54 -0.23 0.00	18.51 -0.21 0.00	22.69 -0.23 0.00	27.83 -0.20 0.00	23.50 -0.19 0.00	24.66 -0.20 0.00	29.44 -0.18 0.00	30.81 -0.06 0.00	31.83 -0.06 0.00	29.51 -0.12 0.00	26.85 -0.19 0.00	23.56 -0.19 0.00



LITTLRIV_115KV_TB1 356100	24.17 0.10 0.00	23.18 0.09 0.00	22.41 0.07 0.00	22.09 0.07 0.00	23.22 0.09 0.00	26.03 0.18 0.00	31.04 -0.19 0.00	31.47 -0.22 0.00	29.71 -0.09 0.00	22.70 -0.07 0.00	21.26 -0.13 0.00	19.09 -0.19 0.00	18.61 -0.15 0.00	18.51 -0.21 0.00	22.51 -0.41 0.00	27.66 -0.36 0.00	23.31 -0.38 0.00	24.57 -0.30 0.00	29.32 -0.30 0.00	30.32 -0.56 0.00	31.32 -0.57 0.00	29.27 -0.36 0.00	26.85 -0.19 0.00	23.72 -0.02 0.00
LI_NEWBRDGE___DRP 323616	26.37 2.31 0.01	25.12 2.03 0.00	23.93 1.59 0.00	23.50 1.48 0.00	24.82 1.69 0.00	28.25 2.40 0.00	32.76 1.53 0.00	33.59 1.90 0.00	32.30 2.50 0.00	24.32 1.55 0.00	23.44 2.05 -0.01	21.20 1.93 0.01	20.59 1.84 0.01	20.10 1.38 0.00	24.55 1.63 0.00	30.97 2.94 0.00	26.13 2.44 0.00	27.28 2.39 -0.03	31.69 2.07 0.00	33.68 2.81 0.00	34.48 2.58 0.00	31.47 1.84 0.00	29.72 2.68 -0.01	26.17 2.42 0.00
LOCKPORT_115KV_TB60_63_64 80432	23.49 -0.58 0.00	23.04 -0.05 0.00	22.17 -0.18 0.00	22.02 0.00 0.00	22.88 -0.25 0.00	25.43 -0.41 0.00	29.98 -1.25 0.00	30.49 -1.20 0.00	28.85 -0.95 0.00	22.66 -0.11 0.00	21.19 -0.19 0.00	19.16 -0.12 0.00	18.39 -0.38 0.00	18.32 -0.39 0.00	22.28 -0.64 0.00	26.20 -1.82 0.00	22.88 -0.81 0.00	24.14 -0.72 0.00	27.84 -1.78 0.00	29.05 -1.82 0.00	30.68 -1.21 0.00	28.65 -0.98 0.00	26.36 -0.68 0.00	23.37 -0.38 0.00
LOCKPORT___CC1 323769	24.07 0.00 0.00	23.06 -0.02 0.00	22.17 -0.18 0.00	22.05 0.02 0.00	22.97 -0.16 0.00	25.46 -0.39 0.00	30.01 -1.22 0.00	30.58 -1.11 0.00	28.91 -0.89 0.00	22.66 -0.11 0.00	21.21 -0.17 0.00	19.16 -0.11 0.00	18.40 -0.36 0.00	18.34 -0.37 0.00	22.28 -0.64 0.00	26.85 -1.18 0.00	22.88 -0.81 0.00	24.14 -0.72 0.00	27.87 -1.75 0.00	28.99 -1.88 0.00	30.62 -1.28 0.00	28.06 -1.57 0.00	26.36 -0.67 0.00	23.39 -0.36 0.00
LOCKPORT___CC2 323770	24.07 0.00 0.00	23.06 -0.02 0.00	22.17 -0.18 0.00	22.05 0.02 0.00	22.97 -0.16 0.00	25.46 -0.39 0.00	30.01 -1.22 0.00	30.58 -1.11 0.00	28.91 -0.89 0.00	22.66 -0.11 0.00	21.21 -0.17 0.00	19.16 -0.11 0.00	18.40 -0.36 0.00	18.34 -0.37 0.00	22.28 -0.64 0.00	26.85 -1.18 0.00	22.88 -0.81 0.00	24.14 -0.72 0.00	27.87 -1.75 0.00	28.99 -1.88 0.00	30.62 -1.28 0.00	28.06 -1.57 0.00	26.36 -0.67 0.00	23.39 -0.36 0.00
LOCKPORT___CC3 323771	24.07 0.00 0.00	23.06 -0.02 0.00	22.17 -0.18 0.00	22.05 0.02 0.00	22.97 -0.16 0.00	25.46 -0.39 0.00	30.01 -1.22 0.00	30.58 -1.11 0.00	28.91 -0.89 0.00	22.66 -0.11 0.00	21.21 -0.17 0.00	19.16 -0.11 0.00	18.40 -0.36 0.00	18.34 -0.37 0.00	22.28 -0.64 0.00	26.85 -1.18 0.00	22.88 -0.81 0.00	24.14 -0.72 0.00	27.87 -1.75 0.00	28.99 -1.88 0.00	30.62 -1.28 0.00	28.06 -1.57 0.00	26.36 -0.67 0.00	23.39 -0.36 0.00
LONG_LAKE_PHOENIX 24014	23.52 -0.55 0.00	22.60 -0.48 0.00	21.83 -0.51 0.00	21.56 -0.46 0.00	22.62 -0.51 0.00	25.30 -0.54 0.00	30.67 -0.56 0.00	31.19 -0.51 0.00	29.23 -0.57 0.00	22.45 -0.32 0.00	21.02 -0.36 0.00	18.95 -0.33 0.00	18.39 -0.38 0.00	18.34 -0.37 0.00	22.48 -0.44 0.00	27.27 -0.76 0.00	23.10 -0.59 0.00	24.29 -0.57 0.00	28.82 -0.80 0.00	30.22 -0.65 0.00	31.39 -0.51 0.00	29.04 -0.59 0.00	26.44 -0.59 0.00	23.20 -0.55 0.00
LOVETT___3 23632	25.08 1.01 0.00	23.96 0.88 0.00	23.22 0.87 0.00	22.84 0.81 0.00	24.03 0.90 0.00	26.78 0.93 0.00	32.79 1.56 0.00	33.44 1.74 0.00	31.23 1.43 0.00	23.59 0.82 0.00	22.24 0.86 0.00	20.05 0.77 0.00	19.51 0.75 0.00	19.48 0.77 0.00	23.86 0.94 0.00	29.29 1.26 0.00	24.80 1.11 0.00	26.03 1.17 0.00	31.07 1.45 0.00	32.69 1.82 0.00	33.62 1.72 0.00	31.11 1.48 0.00	28.25 1.22 0.00	24.82 1.07 0.00
LOVETT___4 23642	25.08 1.01 0.00	23.96 0.88 0.00	23.22 0.87 0.00	22.84 0.81 0.00	24.03 0.90 0.00	26.78 0.93 0.00	32.79 1.56 0.00	33.44 1.74 0.00	31.23 1.43 0.00	23.59 0.82 0.00	22.24 0.86 0.00	20.05 0.77 0.00	19.51 0.75 0.00	19.48 0.77 0.00	23.86 0.94 0.00	29.29 1.26 0.00	24.80 1.11 0.00	26.03 1.17 0.00	31.07 1.45 0.00	32.69 1.82 0.00	33.62 1.72 0.00	31.11 1.48 0.00	28.25 1.22 0.00	24.82 1.07 0.00
LOVETT___5 23593	25.08 1.01 0.00	23.96 0.88 0.00	23.22 0.87 0.00	22.84 0.81 0.00	24.03 0.90 0.00	26.78 0.93 0.00	32.79 1.56 0.00	33.44 1.74 0.00	31.23 1.43 0.00	23.59 0.82 0.00	22.24 0.86 0.00	20.05 0.77 0.00	19.51 0.75 0.00	19.48 0.77 0.00	23.86 0.94 0.00	29.29 1.26 0.00	24.80 1.11 0.00	26.03 1.17 0.00	31.07 1.45 0.00	32.69 1.82 0.00	33.62 1.72 0.00	31.11 1.48 0.00	28.25 1.22 0.00	24.82 1.07 0.00
LOWER RAQUET___HYD 24057	23.88 -0.19 0.00	22.90 -0.19 0.00	22.14 -0.20 0.00	21.85 -0.18 0.00	22.94 -0.19 0.00	25.69 -0.15 0.00	30.54 -0.69 0.00	30.81 -0.89 0.00	29.35 -0.45 0.00	22.34 -0.43 0.00	20.98 -0.41 0.00	18.86 -0.42 0.00	18.37 -0.39 0.00	18.28 -0.43 0.00	22.18 -0.73 0.00	27.24 -0.78 0.00	22.98 -0.71 0.00	24.22 -0.65 0.00	28.76 -0.86 0.00	29.85 -1.02 0.00	30.78 -1.12 0.00	28.92 -0.71 0.00	26.44 -0.59 0.00	23.44 -0.31 0.00
LOWER___HUDSON 24059	24.38 0.31 0.00	23.43 0.35 0.00	22.75 0.40 0.00	22.35 0.33 0.00	23.55 0.42 0.00	26.34 0.49 0.00	32.04 0.81 0.00	32.64 0.95 0.00	30.34 0.54 0.00	22.93 0.16 0.00	21.55 0.17 0.00	19.45 0.17 0.00	19.00 0.24 0.00	18.98 0.26 0.00	23.31 0.39 0.00	28.73 0.70 0.00	24.16 0.47 0.00	25.26 0.40 0.00	30.42 0.80 0.00	31.95 1.08 0.00	32.92 1.02 0.00	30.25 0.62 0.00	27.52 0.49 0.00	24.18 0.43 0.00
LOWVILLE_115KV_TB2 356335	24.34 0.26 0.00	23.32 0.23 0.00	22.57 0.22 0.00	22.24 0.22 0.00	23.38 0.25 0.00	26.21 0.36 0.00	31.82 0.59 0.00	32.33 0.63 0.00	30.13 0.33 0.00	22.82 0.05 0.00	21.30 -0.09 0.00	19.16 -0.12 0.00	18.61 -0.15 0.00	18.56 -0.15 0.00	22.76 -0.16 0.00	27.88 -0.14 0.00	23.57 -0.12 0.00	24.91 0.05 0.00	29.92 0.30 0.00	31.40 0.52 0.00	32.63 0.73 0.00	30.19 0.56 0.00	27.47 0.43 0.00	24.06 0.31 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	24.77 0.70 0.00	23.73 0.65 0.00	22.99 0.65 0.00	22.62 0.59 0.00	23.85 0.72 0.00	26.70 0.85 0.00	32.54 1.31 0.00	33.12 1.43 0.00	30.78 0.98 0.00	23.18 0.41 0.00	21.71 0.32 0.00	19.57 0.29 0.00	19.08 0.32 0.00	19.05 0.34 0.00	23.47 0.55 0.00	29.06 1.04 0.00	24.33 0.64 0.00	25.49 0.62 0.00	30.66 1.04 0.00	32.23 1.36 0.00	33.30 1.40 0.00	30.64 1.01 0.00	27.88 0.84 0.00	24.44 0.69 0.00
LUTHERNY_35_KV_BK2 355980	24.79 0.72 0.00	23.73 0.65 0.00	22.99 0.65 0.00	22.64 0.62 0.00	23.87 0.74 0.00	26.72 0.88 0.00	32.57 1.34 0.00	33.15 1.46 0.00	30.78 0.98 0.00	23.18 0.41 0.00	21.71 0.32 0.00	19.59 0.31 0.00	19.10 0.34 0.00	19.05 0.34 0.00	23.47 0.55 0.00	29.09 1.06 0.00	24.35 0.66 0.00	25.51 0.65 0.00	30.69 1.07 0.00	32.26 1.39 0.00	33.30 1.40 0.00	30.67 1.04 0.00	27.88 0.84 0.00	24.46 0.71 0.00



LWR___OSWEGATCHIE_HYD 23850	23.95 -0.12 0.00	22.95 -0.14 0.00	22.21 -0.13 0.00	21.89 -0.13 0.00	23.01 -0.12 0.00	25.77 -0.08 0.00	30.98 -0.25 0.00	31.41 -0.29 0.00	29.47 -0.33 0.00	22.41 -0.36 0.00	20.98 -0.41 0.00	18.86 -0.42 0.00	18.35 -0.41 0.00	18.28 -0.43 0.00	22.28 -0.64 0.00	27.35 -0.67 0.00	23.07 -0.62 0.00	24.37 -0.50 0.00	29.18 -0.44 0.00	30.41 -0.46 0.00	31.51 -0.38 0.00	29.30 -0.33 0.00	26.77 -0.27 0.00	23.58 -0.17 0.00
LYONS_FALL_HYD 23570	24.46 0.38 0.00	23.41 0.32 0.00	22.66 0.31 0.00	22.35 0.33 0.00	23.48 0.35 0.00	26.31 0.47 0.00	31.98 0.75 0.00	32.55 0.86 0.00	30.34 0.54 0.00	23.02 0.25 0.00	21.51 0.13 0.00	19.34 0.06 0.00	18.80 0.04 0.00	18.75 0.04 0.00	23.01 0.09 0.00	28.22 0.20 0.00	23.83 0.14 0.00	25.11 0.25 0.00	30.15 0.53 0.00	31.61 0.74 0.00	32.82 0.93 0.00	30.34 0.71 0.00	27.61 0.57 0.00	24.18 0.43 0.00
MADISON___COUNTY_LFGE 323628	24.67 0.60 0.00	23.66 0.58 0.00	22.90 0.56 0.00	22.57 0.55 0.00	23.71 0.58 0.00	26.57 0.72 0.00	32.35 1.12 0.00	33.15 1.46 0.00	30.87 1.07 0.00	23.43 0.66 0.00	21.90 0.51 0.00	19.68 0.40 0.00	19.14 0.38 0.00	19.11 0.39 0.00	23.49 0.57 0.00	28.75 0.73 0.00	24.30 0.62 0.00	25.61 0.75 0.00	30.66 1.04 0.00	32.20 1.33 0.00	33.46 1.56 0.00	30.90 1.27 0.00	28.09 1.05 0.00	24.58 0.83 0.00
MALONE___115KV_TB1 356076	24.48 0.41 0.00	23.48 0.39 0.00	22.66 0.31 0.00	22.35 0.33 0.00	23.45 0.32 0.00	26.21 0.36 0.00	31.07 -0.16 0.00	31.57 -0.13 0.00	29.98 0.18 0.00	23.16 0.39 0.00	21.83 0.45 0.00	19.63 0.35 0.00	19.10 0.34 0.00	18.98 0.26 0.00	23.08 0.16 0.00	28.33 0.31 0.00	23.95 0.26 0.00	25.26 0.40 0.00	29.98 0.36 0.00	30.93 0.06 0.00	31.74 -0.16 0.00	29.66 0.03 0.00	27.09 0.05 0.00	23.87 0.12 0.00
MAPLEWOD_115KV_TB3 80458	24.43 0.36 0.00	23.39 0.30 0.00	22.68 0.34 0.00	22.31 0.29 0.00	23.48 0.35 0.00	26.26 0.41 0.00	31.95 0.72 0.00	32.49 0.79 0.00	30.28 0.48 0.00	22.86 0.09 0.00	21.47 0.09 0.00	19.40 0.12 0.00	18.99 0.23 0.00	18.96 0.24 0.00	23.28 0.37 0.00	28.73 0.70 0.00	24.14 0.45 0.00	25.24 0.37 0.00	30.30 0.68 0.00	31.89 1.02 0.00	32.85 0.96 0.00	30.25 0.62 0.00	27.52 0.49 0.00	24.15 0.40 0.00
MAPLE_RIDGE_WT_1 323574	24.02 -0.05 0.00	23.04 -0.05 0.00	22.30 -0.04 0.00	21.98 -0.04 0.00	23.08 -0.05 0.00	25.79 -0.05 0.00	31.04 -0.19 0.00	31.41 -0.29 0.00	29.71 -0.09 0.00	22.73 -0.05 0.00	21.34 -0.04 0.00	19.24 -0.04 0.00	18.72 -0.04 0.00	18.68 -0.04 0.00	22.85 -0.07 0.00	27.97 -0.06 0.00	23.64 -0.05 0.00	24.81 -0.05 0.00	29.50 -0.12 0.00	30.66 -0.21 0.00	31.64 -0.26 0.00	29.51 -0.12 0.00	26.90 -0.13 0.00	23.63 -0.12 0.00
MAPLE_RIDGE_WT_2 323611	24.02 -0.05 0.00	23.04 -0.05 0.00	22.30 -0.04 0.00	21.98 -0.04 0.00	23.08 -0.05 0.00	25.79 -0.05 0.00	31.04 -0.19 0.00	31.41 -0.29 0.00	29.71 -0.09 0.00	22.73 -0.05 0.00	21.34 -0.04 0.00	19.24 -0.04 0.00	18.72 -0.04 0.00	18.68 -0.04 0.00	22.85 -0.07 0.00	27.97 -0.06 0.00	23.64 -0.05 0.00	24.81 -0.05 0.00	29.50 -0.12 0.00	30.66 -0.21 0.00	31.64 -0.26 0.00	29.51 -0.12 0.00	26.90 -0.13 0.00	23.63 -0.12 0.00
MARBLE_RIVER_WT_PWR 323696	24.82 0.75 0.00	23.78 0.69 0.00	22.90 0.56 0.00	22.55 0.53 0.00	23.64 0.51 0.00	26.36 0.52 0.00	30.89 -0.34 0.00	30.52 -1.17 0.00	30.04 0.24 0.00	23.55 0.77 0.00	22.28 0.90 0.00	20.05 0.77 0.00	19.51 0.75 0.00	19.37 0.65 0.00	23.56 0.64 0.00	28.89 0.87 0.00	24.45 0.76 0.00	25.76 0.89 0.00	30.36 0.74 0.00	31.34 0.46 0.00	31.99 0.10 0.00	29.93 0.30 0.00	27.20 0.16 0.00	23.92 0.17 0.00
MARSHVLE_115KV_TB1 80742	25.97 1.90 0.00	24.96 1.87 0.00	24.11 1.77 0.00	23.76 1.74 0.00	25.05 1.92 0.00	28.12 2.27 0.00	34.38 3.15 0.00	34.80 3.11 0.00	32.24 2.44 0.00	24.23 1.46 0.00	22.60 1.22 0.00	20.30 1.02 0.00	19.72 0.96 0.00	19.65 0.94 0.00	24.22 1.31 0.00	29.87 1.85 0.00	25.16 1.47 0.00	26.53 1.67 0.00	31.99 2.37 0.00	33.65 2.78 0.00	34.89 3.00 0.00	32.12 2.49 0.00	29.17 2.14 0.00	25.67 1.92 0.00
MARSH_HILL_WT_PWR 323713	25.59 1.52 0.00	24.49 1.41 0.00	23.57 1.23 0.00	23.30 1.28 0.00	24.45 1.32 0.00	27.27 1.42 0.00	33.07 1.84 0.00	33.72 2.03 0.00	31.26 1.46 0.00	23.93 1.16 0.00	22.32 0.94 0.00	20.13 0.85 0.00	19.46 0.69 0.00	19.37 0.65 0.00	23.77 0.85 0.00	28.84 0.81 0.00	24.59 0.90 0.00	26.06 1.19 0.00	30.86 1.24 0.00	32.32 1.45 0.00	33.68 1.79 0.00	30.87 1.24 0.00	28.31 1.27 0.00	24.89 1.14 0.00
MCINTYRE_115KV_TB2 80467	24.36 0.29 0.00	23.36 0.28 0.00	22.59 0.25 0.00	22.29 0.26 0.00	23.43 0.30 0.00	26.23 0.39 0.00	31.36 0.12 0.00	31.76 0.06 0.00	29.98 0.18 0.00	22.91 0.14 0.00	21.45 0.06 0.00	19.24 -0.04 0.00	18.76 0.00 0.00	18.66 -0.06 0.00	22.71 -0.21 0.00	27.94 -0.08 0.00	23.55 -0.14 0.00	24.84 -0.02 0.00	29.65 0.03 0.00	30.66 -0.22 0.00	31.67 -0.22 0.00	29.60 -0.03 0.00	27.15 0.11 0.00	23.91 0.17 0.00
MECO____69_KV_BK1 80468	26.53 2.46 0.00	25.51 2.42 0.00	24.62 2.28 0.00	24.27 2.25 0.00	25.67 2.54 0.00	28.90 3.05 0.00	35.38 4.15 0.00	35.91 4.22 0.00	33.05 3.25 0.00	24.50 1.73 0.00	22.75 1.37 0.00	20.40 1.12 0.00	19.81 1.05 0.00	19.73 1.01 0.00	24.43 1.51 0.00	30.43 2.41 0.00	25.49 1.80 0.00	27.03 2.16 0.00	32.79 3.17 0.00	34.55 3.67 0.00	35.88 3.99 0.00	32.95 3.32 0.00	29.93 2.89 0.00	26.24 2.49 0.00
MENANDS__115KV_TB5 355628	24.31 0.24 0.00	23.27 0.18 0.00	22.57 0.22 0.00	22.20 0.18 0.00	23.36 0.23 0.00	26.10 0.26 0.00	31.79 0.56 0.00	32.33 0.63 0.00	30.10 0.30 0.00	22.75 -0.02 0.00	21.38 0.00 0.00	19.32 0.04 0.00	18.93 0.17 0.00	18.90 0.19 0.00	23.19 0.28 0.00	28.61 0.59 0.00	24.04 0.36 0.00	25.14 0.27 0.00	30.18 0.56 0.00	31.74 0.86 0.00	32.69 0.80 0.00	30.10 0.47 0.00	27.39 0.35 0.00	24.06 0.31 0.00
MG INDUSTRY___DRP 24185	24.43 0.36 0.00	23.39 0.30 0.00	22.68 0.34 0.00	22.33 0.31 0.00	23.50 0.37 0.00	26.26 0.41 0.00	31.95 0.72 0.00	32.45 0.76 0.00	30.19 0.39 0.00	22.80 0.02 0.00	21.34 -0.04 0.00	19.26 -0.02 0.00	18.82 0.06 0.00	18.79 0.07 0.00	23.10 0.18 0.00	28.59 0.56 0.00	24.00 0.31 0.00	25.16 0.30 0.00	30.18 0.56 0.00	31.71 0.83 0.00	32.69 0.80 0.00	30.19 0.56 0.00	27.50 0.46 0.00	24.15 0.40 0.00
MID___OSWEGATCHIE_HYD 23849	23.95 -0.12 0.00	22.95 -0.14 0.00	22.21 -0.13 0.00	21.89 -0.13 0.00	23.01 -0.12 0.00	25.77 -0.08 0.00	30.98 -0.25 0.00	31.41 -0.29 0.00	29.47 -0.33 0.00	22.41 -0.36 0.00	20.98 -0.41 0.00	18.86 -0.42 0.00	18.35 -0.41 0.00	18.28 -0.43 0.00	22.28 -0.64 0.00	27.35 -0.67 0.00	23.07 -0.62 0.00	24.37 -0.50 0.00	29.18 -0.44 0.00	30.41 -0.46 0.00	31.51 -0.38 0.00	29.30 -0.33 0.00	26.77 -0.27 0.00	23.58 -0.17 0.00



MID___RAQUETTE_HYD 23851	23.88 -0.19 0.00	22.90 -0.18 0.00	22.14 -0.20 0.00	21.85 -0.18 0.00	22.94 -0.19 0.00	25.69 -0.16 0.00	30.54 -0.69 0.00	30.93 -0.76 0.00	29.26 -0.54 0.00	22.34 -0.43 0.00	20.98 -0.41 0.00	18.86 -0.42 0.00	18.37 -0.39 0.00	18.28 -0.43 0.00	22.18 -0.73 0.00	27.27 -0.76 0.00	22.98 -0.71 0.00	24.22 -0.65 0.00	28.88 -0.74 0.00	29.85 -1.02 0.00	30.78 -1.12 0.00	28.77 -0.86 0.00	26.44 -0.59 0.00	23.44 -0.31 0.00
MILLIKEN___1 23584	24.60 0.53 0.00	23.66 0.58 0.00	22.84 0.49 0.00	22.55 0.53 0.00	23.66 0.53 0.00	26.47 0.62 0.00	32.17 0.94 0.00	32.80 1.11 0.00	30.60 0.80 0.00	23.39 0.61 0.00	21.79 0.41 0.00	19.63 0.35 0.00	19.02 0.26 0.00	18.96 0.24 0.00	23.26 0.34 0.00	28.30 0.28 0.00	24.00 0.31 0.00	25.34 0.47 0.00	30.09 0.47 0.00	31.61 0.74 0.00	32.89 0.99 0.00	30.37 0.74 0.00	27.61 0.57 0.00	24.25 0.50 0.00
MILLIKEN___2 23585	24.60 0.53 0.00	23.66 0.58 0.00	22.84 0.49 0.00	22.55 0.53 0.00	23.66 0.53 0.00	26.47 0.62 0.00	32.17 0.94 0.00	32.80 1.11 0.00	30.60 0.80 0.00	23.39 0.61 0.00	21.79 0.41 0.00	19.63 0.35 0.00	19.02 0.26 0.00	18.96 0.24 0.00	23.26 0.34 0.00	28.30 0.28 0.00	24.00 0.31 0.00	25.34 0.47 0.00	30.09 0.47 0.00	31.61 0.74 0.00	32.89 0.99 0.00	30.37 0.74 0.00	27.61 0.57 0.00	24.25 0.50 0.00
MILLIKEN___DIESEL 23629	24.60 0.53 0.00	23.66 0.58 0.00	22.84 0.49 0.00	22.55 0.53 0.00	23.66 0.53 0.00	26.47 0.62 0.00	32.17 0.94 0.00	32.80 1.11 0.00	30.60 0.80 0.00	23.39 0.61 0.00	21.79 0.41 0.00	19.63 0.35 0.00	19.02 0.26 0.00	18.96 0.24 0.00	23.26 0.34 0.00	28.30 0.28 0.00	24.00 0.31 0.00	25.34 0.47 0.00	30.09 0.47 0.00	31.61 0.74 0.00	32.89 0.99 0.00	30.37 0.74 0.00	27.61 0.57 0.00	24.25 0.50 0.00
MILLSEAT___LFGE 323607	24.31 0.24 0.00	23.27 0.18 0.00	22.37 0.02 0.00	22.24 0.22 0.00	23.20 0.07 0.00	25.77 -0.08 0.00	30.51 -0.72 0.00	31.18 -0.51 0.00	29.38 -0.42 0.00	22.91 0.14 0.00	21.41 0.02 0.00	19.32 0.04 0.00	18.54 -0.22 0.00	18.45 -0.26 0.00	22.44 -0.48 0.00	27.10 -0.92 0.00	23.10 -0.59 0.00	24.39 -0.47 0.00	28.26 -1.36 0.00	29.51 -1.36 0.00	31.19 -0.70 0.00	28.53 -1.10 0.00	26.71 -0.32 0.00	23.63 -0.12 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	25.15 1.08 0.00	24.06 0.97 0.00	23.31 0.96 0.00	22.90 0.88 0.00	24.10 0.97 0.00	26.91 1.06 0.00	32.98 1.75 0.00	33.59 1.90 0.00	31.38 1.58 0.00	23.68 0.91 0.00	22.33 0.94 0.00	20.13 0.85 0.00	19.61 0.84 0.00	19.58 0.86 0.00	23.95 1.03 0.00	29.48 1.46 0.00	24.94 1.26 0.00	26.13 1.27 0.00	31.22 1.60 0.00	32.88 2.01 0.00	33.84 1.95 0.00	31.26 1.63 0.00	28.39 1.35 0.00	24.91 1.16 0.00
MILLWOOD_13_KV_LOAD 356217	25.23 1.16 0.00	24.10 1.02 0.00	23.35 1.01 0.00	22.95 0.92 0.00	24.15 1.02 0.00	26.96 1.11 0.00	33.07 1.84 0.00	33.69 2.00 0.00	31.44 1.64 0.00	23.71 0.93 0.00	22.35 0.96 0.00	20.15 0.87 0.00	19.61 0.84 0.00	19.59 0.88 0.00	23.97 1.05 0.00	29.54 1.51 0.00	24.97 1.28 0.00	26.16 1.29 0.00	31.28 1.66 0.00	32.97 2.10 0.00	33.94 2.04 0.00	31.32 1.69 0.00	28.42 1.38 0.00	24.94 1.19 0.00
MODEL_CITY_ENERGY 24167	23.76 -0.31 0.00	22.76 -0.32 0.00	21.90 -0.45 0.00	21.80 -0.22 0.00	22.69 -0.44 0.00	25.15 -0.70 0.00	29.61 -1.63 0.00	30.17 -1.52 0.00	28.52 -1.28 0.00	22.39 -0.39 0.00	20.93 -0.45 0.00	18.93 -0.35 0.00	18.18 -0.58 0.00	18.11 -0.60 0.00	22.02 -0.89 0.00	26.54 -1.49 0.00	22.60 -1.09 0.00	23.84 -1.02 0.00	27.52 -2.10 0.00	28.62 -2.25 0.00	30.21 -1.69 0.00	27.67 -1.96 0.00	26.04 -1.00 0.00	23.08 -0.66 0.00
MODERN_LFGE___ 323580	23.76 -0.31 0.00	22.76 -0.32 0.00	21.90 -0.45 0.00	21.80 -0.22 0.00	22.69 -0.44 0.00	25.15 -0.70 0.00	29.61 -1.63 0.00	30.17 -1.52 0.00	28.52 -1.28 0.00	22.39 -0.39 0.00	20.93 -0.45 0.00	18.93 -0.35 0.00	18.18 -0.58 0.00	18.11 -0.60 0.00	22.02 -0.89 0.00	26.54 -1.49 0.00	22.60 -1.09 0.00	23.84 -1.02 0.00	27.52 -2.10 0.00	28.62 -2.25 0.00	30.21 -1.69 0.00	27.67 -1.96 0.00	26.04 -1.00 0.00	23.08 -0.66 0.00
MOHAWK_PAPER___DRP 24187	24.43 0.36 0.00	23.39 0.30 0.00	22.68 0.34 0.00	22.31 0.29 0.00	23.48 0.35 0.00	26.26 0.41 0.00	31.95 0.72 0.00	32.49 0.79 0.00	30.28 0.48 0.00	22.86 0.09 0.00	21.47 0.09 0.00	19.40 0.12 0.00	18.99 0.23 0.00	18.96 0.24 0.00	23.28 0.37 0.00	28.73 0.70 0.00	24.14 0.45 0.00	25.24 0.37 0.00	30.30 0.68 0.00	31.89 1.02 0.00	32.85 0.96 0.00	30.25 0.62 0.00	27.52 0.49 0.00	24.15 0.40 0.00
MOHICAN___35_KV_115KV_LD 80490	24.70 0.63 0.00	23.64 0.55 0.00	22.90 0.56 0.00	22.55 0.53 0.00	23.82 0.69 0.00	26.70 0.85 0.00	32.60 1.37 0.00	33.25 1.55 0.00	30.78 0.98 0.00	23.09 0.32 0.00	21.56 0.17 0.00	19.43 0.15 0.00	18.95 0.19 0.00	18.88 0.17 0.00	23.33 0.41 0.00	29.06 1.04 0.00	24.23 0.54 0.00	25.41 0.55 0.00	30.66 1.04 0.00	32.26 1.39 0.00	33.36 1.47 0.00	30.64 1.01 0.00	27.82 0.78 0.00	24.37 0.62 0.00
MONGAUP___HYD 23641	24.74 0.67 0.00	23.71 0.62 0.00	22.99 0.65 0.00	22.62 0.59 0.00	23.80 0.67 0.00	26.36 0.52 0.00	32.23 1.00 0.00	32.77 1.08 0.00	30.36 0.56 0.00	23.16 0.39 0.00	21.77 0.39 0.00	19.61 0.33 0.00	19.06 0.30 0.00	19.03 0.32 0.00	23.35 0.43 0.00	28.36 0.34 0.00	24.30 0.61 0.00	25.31 0.45 0.00	30.42 0.80 0.00	31.95 1.08 0.00	32.89 0.99 0.00	30.40 0.77 0.00	27.58 0.54 0.00	24.41 0.66 0.00
MONTAUK___DIESEL 23721	28.16 3.30 -0.80	26.14 2.93 -0.12	24.96 2.61 0.00	24.51 2.49 0.00	25.95 2.82 0.00	29.61 3.64 -0.12	42.51 2.90 -8.37	41.27 3.33 -6.25	33.97 4.17 0.00	25.50 2.73 0.00	25.52 3.10 -1.03	22.89 2.72 -0.90	23.04 2.55 -1.73	20.86 2.02 -0.12	25.26 2.34 0.00	31.86 3.84 0.00	26.82 3.13 0.00	35.35 3.01 -7.47	40.72 2.67 -8.44	58.83 3.52 -24.44	45.03 3.29 -9.85	38.76 2.37 -6.76	31.16 3.30 -0.82	26.89 3.02 -0.12
MOONROAD_115KV_HARTFLD_TB1-2 355988	24.58 0.51 0.00	23.96 0.88 0.00	23.04 0.69 0.00	22.88 0.86 0.00	23.82 0.69 0.00	26.47 0.62 0.00	31.51 0.28 0.00	32.04 0.35 0.00	30.28 0.48 0.00	23.68 0.91 0.00	22.24 0.86 0.00	20.15 0.87 0.00	19.38 0.62 0.00	19.35 0.64 0.00	23.61 0.69 0.00	27.80 -0.22 0.00	24.26 0.57 0.00	25.68 0.82 0.00	29.74 0.12 0.00	31.00 0.12 0.00	32.53 0.64 0.00	30.34 0.71 0.00	27.77 0.73 0.00	24.60 0.85 0.00
MORTIMER_115KV_TB3 55949	23.64 -0.43 0.00	22.97 -0.12 0.00	22.12 -0.22 0.00	21.94 -0.09 0.00	22.88 -0.25 0.00	25.54 -0.31 0.00	30.51 -0.72 0.00	31.09 -0.60 0.00	29.29 -0.51 0.00	22.73 -0.05 0.00	21.28 -0.11 0.00	19.18 -0.10 0.00	18.48 -0.28 0.00	18.40 -0.32 0.00	22.44 -0.48 0.00	26.82 -1.21 0.00	23.10 -0.59 0.00	24.32 -0.55 0.00	28.46 -1.16 0.00	29.79 -1.08 0.00	31.26 -0.64 0.00	29.07 -0.56 0.00	26.60 -0.43 0.00	23.42 -0.33 0.00



MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	25.32 1.25 0.00	24.22 1.13 0.00	23.46 1.12 0.00	23.06 1.04 0.00	24.24 1.11 0.00	27.09 1.24 0.00	33.08 1.97 0.12	33.58 2.12 0.24	31.44 1.82 0.17	23.53 1.09 0.34	22.21 1.13 0.31	19.92 1.00 0.36	19.38 0.99 0.38	19.35 1.01 0.38	23.87 1.21 0.27	29.58 1.68 0.12	24.90 1.44 0.24	26.15 1.49 0.21	31.31 1.84 0.14	32.94 2.22 0.16	33.89 2.20 0.21	31.40 1.84 0.07	28.61 1.57 0.00	25.08 1.35 0.02
MUNSVILLE_WIND_PWR 323609	26.50 2.43 0.00	25.35 2.26 0.00	24.51 2.17 0.00	24.20 2.18 0.00	25.42 2.29 0.00	28.51 2.66 0.00	35.01 3.78 0.00	37.11 5.42 0.00	33.88 4.08 0.00	25.44 2.66 0.00	23.37 1.99 0.00	20.78 1.50 0.00	20.13 1.37 0.00	20.08 1.37 0.00	24.96 2.04 0.00	30.97 2.94 0.00	25.28 1.59 0.00	26.80 1.94 0.00	32.23 2.61 0.00	33.93 3.06 0.00	35.37 3.48 0.00	32.41 2.78 0.00	29.55 2.51 0.00	25.81 2.07 0.00
N SALMON___HYD 24042	24.48 0.41 0.00	23.48 0.39 0.00	22.66 0.31 0.00	22.35 0.33 0.00	23.45 0.32 0.00	26.21 0.36 0.00	31.11 -0.12 0.00	31.22 -0.47 0.00	30.10 0.30 0.00	23.16 0.39 0.00	21.83 0.45 0.00	19.63 0.35 0.00	19.10 0.34 0.00	18.98 0.26 0.00	23.08 0.16 0.00	28.33 0.31 0.00	23.95 0.26 0.00	25.26 0.40 0.00	29.86 0.24 0.00	30.93 0.06 0.00	31.74 -0.16 0.00	29.78 0.15 0.00	27.09 0.05 0.00	23.87 0.12 0.00
N.AKRON___115KV_KNAPP 355671	23.78 -0.29 0.00	23.29 0.21 0.00	22.39 0.04 0.00	22.24 0.22 0.00	23.15 0.02 0.00	25.77 -0.08 0.00	30.51 -0.72 0.00	31.09 -0.60 0.00	29.35 -0.45 0.00	22.95 0.18 0.00	21.43 0.04 0.00	19.34 0.06 0.00	18.55 -0.21 0.00	18.47 -0.24 0.00	22.46 -0.46 0.00	26.51 -1.51 0.00	23.12 -0.57 0.00	24.42 -0.45 0.00	28.26 -1.36 0.00	29.58 -1.30 0.00	31.23 -0.67 0.00	29.13 -0.50 0.00	26.74 -0.30 0.00	23.63 -0.12 0.00
N.BELMOR_69_KV_BK1 55787	26.43 2.36 0.00	25.19 2.10 0.00	24.04 1.70 0.00	23.61 1.59 0.00	24.91 1.78 0.00	28.30 2.46 0.00	33.07 1.84 0.00	33.88 2.19 0.00	32.45 2.65 0.00	24.43 1.66 0.00	23.50 2.10 -0.02	21.21 1.93 0.00	20.63 1.86 -0.01	20.17 1.46 0.00	24.66 1.74 0.00	31.05 3.03 0.00	26.20 2.51 0.00	27.45 2.49 -0.10	31.90 2.28 0.00	33.90 3.03 0.00	34.74 2.84 0.00	31.73 2.10 0.00	29.81 2.76 -0.01	26.22 2.47 0.00
N.E._GEN_SANDY PD 24062	24.48 0.41 0.00	23.50 0.42 0.00	22.84 0.49 0.00	22.42 0.40 0.00	24.02 0.46 -0.43	27.17 0.52 -0.80	30.91 0.91 1.23	32.74 1.04 0.00	30.36 0.56 0.00	23.00 0.23 0.00	21.66 0.28 0.00	19.59 0.31 0.00	19.12 0.36 0.00	19.11 0.39 0.00	23.40 0.48 0.00	28.81 0.78 0.00	24.35 0.66 0.00	25.41 0.55 0.00	30.60 0.98 0.00	32.17 1.30 0.00	32.87 1.18 0.21	30.61 0.77 -0.21	27.63 0.59 0.00	24.27 0.52 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	25.11 1.04 0.00	23.99 0.90 0.00	23.26 0.92 0.00	22.86 0.84 0.00	24.05 0.93 0.00	26.83 0.98 0.00	32.85 1.62 0.00	33.47 1.77 0.00	31.29 1.49 0.00	23.64 0.87 0.00	22.26 0.88 0.00	20.07 0.79 0.00	19.53 0.77 0.00	19.50 0.79 0.00	23.88 0.96 0.00	29.34 1.32 0.00	24.83 1.14 0.00	26.06 1.19 0.00	31.10 1.48 0.00	32.72 1.85 0.00	33.65 1.75 0.00	31.17 1.54 0.00	28.28 1.24 0.00	24.84 1.09 0.00
N.QUEENS_27_KV_LOAD 356247	25.73 1.66 0.00	24.59 1.50 0.00	23.82 1.47 0.00	23.41 1.39 0.00	24.63 1.50 0.00	27.48 1.63 -0.01	37.97 1.87 -4.87	43.82 2.06 -10.07	38.85 1.76 -7.30	38.03 1.05 -14.21	35.51 1.13 -13.00	35.54 1.02 -15.24	35.54 1.01 -15.77	35.52 1.03 -15.78	35.30 1.24 -11.14	35.00 1.74 -5.24	35.16 1.47 -10.00	34.99 1.52 -8.61	37.51 1.81 -6.08	39.62 2.19 -6.56	42.65 2.14 -8.62	34.31 1.87 -2.82	28.69 1.65 -0.01	26.09 1.40 -0.94
N.TROY___115KV_TB1 355778	24.50 0.43 0.00	23.43 0.35 0.00	22.75 0.40 0.00	22.35 0.33 0.00	23.55 0.42 0.00	26.34 0.49 0.00	32.07 0.84 0.00	32.64 0.95 0.00	30.40 0.60 0.00	22.93 0.16 0.00	21.56 0.17 0.00	19.45 0.17 0.00	19.00 0.24 0.00	18.98 0.26 0.00	23.31 0.39 0.00	28.81 0.78 0.00	24.16 0.47 0.00	25.26 0.40 0.00	30.33 0.71 0.00	31.92 1.05 0.00	32.92 1.02 0.00	30.28 0.65 0.00	27.52 0.49 0.00	24.18 0.43 0.00
NARROWS_GT1_1 24228	25.49 1.42 0.00	24.42 1.34 0.00	23.66 1.32 0.00	23.26 1.23 0.00	24.42 1.29 0.00	27.24 1.39 0.00	37.93 1.84 -4.86	43.91 2.16 -10.06	38.70 1.61 -7.29	38.04 1.07 -14.20	35.55 1.18 -12.99	35.55 1.04 -15.23	35.55 1.03 -15.76	35.53 1.05 -15.77	35.36 1.31 -11.13	34.94 1.68 -5.23	35.24 1.56 -9.99	35.08 1.62 -8.60	37.76 2.07 -6.07	39.71 2.28 -6.55	42.74 2.23 -8.61	34.45 2.02 -2.81	28.80 1.76 -0.01	26.20 1.52 -0.93
NARROWS_GT1_2 24229	25.49 1.42 0.00	24.42 1.34 0.00	23.66 1.32 0.00	23.26 1.23 0.00	24.42 1.29 0.00	27.24 1.39 0.00	37.93 1.84 -4.86	43.91 2.16 -10.06	38.70 1.61 -7.29	38.04 1.07 -14.20	35.55 1.18 -12.99	35.55 1.04 -15.23	35.55 1.03 -15.76	35.53 1.05 -15.77	35.36 1.31 -11.13	34.94 1.68 -5.23	35.24 1.56 -9.99	35.08 1.62 -8.60	37.76 2.07 -6.07	39.71 2.28 -6.55	42.74 2.23 -8.61	34.45 2.02 -2.81	28.80 1.76 -0.01	26.20 1.52 -0.93
NARROWS_GT1_3 24230	25.49 1.42 0.00	24.42 1.34 0.00	23.66 1.32 0.00	23.26 1.23 0.00	24.42 1.29 0.00	27.24 1.39 0.00	37.93 1.84 -4.86	43.91 2.16 -10.06	38.70 1.61 -7.29	38.04 1.07 -14.20	35.55 1.18 -12.99	35.55 1.04 -15.23	35.55 1.03 -15.76	35.53 1.05 -15.77	35.36 1.31 -11.13	34.94 1.68 -5.23	35.24 1.56 -9.99	35.08 1.62 -8.60	37.76 2.07 -6.07	39.71 2.28 -6.55	42.74 2.23 -8.61	34.45 2.02 -2.81	28.80 1.76 -0.01	26.20 1.52 -0.93
NARROWS_GT1_4 24231	25.49 1.42 0.00	24.42 1.34 0.00	23.66 1.32 0.00	23.26 1.23 0.00	24.42 1.29 0.00	27.24 1.39 0.00	37.93 1.84 -4.86	43.91 2.16 -10.06	38.70 1.61 -7.29	38.04 1.07 -14.20	35.55 1.18 -12.99	35.55 1.04 -15.23	35.55 1.03 -15.76	35.53 1.05 -15.77	35.36 1.31 -11.13	34.94 1.68 -5.23	35.24 1.56 -9.99	35.08 1.62 -8.60	37.76 2.07 -6.07	39.71 2.28 -6.55	42.74 2.23 -8.61	34.45 2.02 -2.81	28.80 1.76 -0.01	26.20 1.52 -0.93
NARROWS_GT1_5 24232	25.49 1.42 0.00	24.42 1.34 0.00	23.66 1.32 0.00	23.26 1.23 0.00	24.42 1.29 0.00	27.24 1.39 0.00	37.93 1.84 -4.86	43.91 2.16 -10.06	38.70 1.61 -7.29	38.04 1.07 -14.20	35.55 1.18 -12.99	35.55 1.04 -15.23	35.55 1.03 -15.76	35.53 1.05 -15.77	35.36 1.31 -11.13	34.94 1.68 -5.23	35.24 1.56 -9.99	35.08 1.62 -8.60	37.76 2.07 -6.07	39.71 2.28 -6.55	42.74 2.23 -8.61	34.45 2.02 -2.81	28.80 1.76 -0.01	26.20 1.52 -0.93
NARROWS_GT1_6 24233	25.49 1.42 0.00	24.42 1.34 0.00	23.66 1.32 0.00	23.26 1.23 0.00	24.42 1.29 0.00	27.24 1.39 0.00	37.93 1.84 -4.86	43.91 2.16 -10.06	38.70 1.61 -7.29	38.04 1.07 -14.20	35.55 1.18 -12.99	35.55 1.04 -15.23	35.55 1.03 -15.76	35.53 1.05 -15.77	35.36 1.31 -11.13	34.94 1.68 -5.23	35.24 1.56 -9.99	35.08 1.62 -8.60	37.76 2.07 -6.07	39.71 2.28 -6.55	42.74 2.23 -8.61	34.45 2.02 -2.81	28.80 1.76 -0.01	26.20 1.52 -0.93



NARROWS_GT1_7 24234	25.49 1.42 0.00	24.42 1.34 0.00	23.66 1.32 0.00	23.26 1.23 0.00	24.42 1.29 0.00	27.24 1.39 0.00	37.93 1.84 -4.86	43.91 2.16 -10.06	38.70 1.61 -7.29	38.04 1.07 -14.20	35.55 1.18 -12.99	35.55 1.04 -15.23	35.55 1.03 -15.76	35.53 1.05 -15.77	35.36 1.31 -11.13	34.94 1.68 -5.23	35.24 1.56 -9.99	35.08 1.62 -8.60	37.76 2.07 -6.07	39.71 2.28 -6.55	42.74 2.23 -8.61	34.45 2.02 -2.81	28.80 1.76 -0.01	26.20 1.52 -0.93
NARROWS_GT1_8 24235	25.49 1.42 0.00	24.42 1.34 0.00	23.66 1.32 0.00	23.26 1.23 0.00	24.42 1.29 0.00	27.24 1.39 0.00	37.93 1.84 -4.86	43.91 2.16 -10.06	38.70 1.61 -7.29	38.04 1.07 -14.20	35.55 1.18 -12.99	35.55 1.04 -15.23	35.55 1.03 -15.76	35.53 1.05 -15.77	35.36 1.31 -11.13	34.94 1.68 -5.23	35.24 1.56 -9.99	35.08 1.62 -8.60	37.76 2.07 -6.07	39.71 2.28 -6.55	42.74 2.23 -8.61	34.45 2.02 -2.81	28.80 1.76 -0.01	26.20 1.52 -0.93
NARROWS_GT2_1 24236	25.49 1.42 0.00	24.42 1.34 0.00	23.66 1.32 0.00	23.26 1.23 0.00	24.42 1.29 0.00	27.24 1.39 0.00	37.93 1.84 -4.86	43.91 2.16 -10.06	38.70 1.61 -7.29	38.04 1.07 -14.20	35.55 1.18 -12.99	35.55 1.04 -15.23	35.55 1.03 -15.76	35.53 1.05 -15.77	35.36 1.31 -11.13	34.94 1.68 -5.23	35.24 1.56 -9.99	35.08 1.62 -8.60	37.76 2.07 -6.07	39.71 2.28 -6.55	42.74 2.23 -8.61	34.45 2.02 -2.81	28.80 1.76 -0.01	26.20 1.52 -0.93
NARROWS_GT2_2 24237	25.49 1.42 0.00	24.42 1.34 0.00	23.66 1.32 0.00	23.26 1.23 0.00	24.42 1.29 0.00	27.24 1.39 0.00	37.93 1.84 -4.86	43.91 2.16 -10.06	38.70 1.61 -7.29	38.04 1.07 -14.20	35.55 1.18 -12.99	35.55 1.04 -15.23	35.55 1.03 -15.76	35.53 1.05 -15.77	35.36 1.31 -11.13	34.94 1.68 -5.23	35.24 1.56 -9.99	35.08 1.62 -8.60	37.76 2.07 -6.07	39.71 2.28 -6.55	42.74 2.23 -8.61	34.45 2.02 -2.81	28.80 1.76 -0.01	26.20 1.52 -0.93
NARROWS_GT2_3 24238	25.49 1.42 0.00	24.42 1.34 0.00	23.66 1.32 0.00	23.26 1.23 0.00	24.42 1.29 0.00	27.24 1.39 0.00	37.93 1.84 -4.86	43.91 2.16 -10.06	38.70 1.61 -7.29	38.04 1.07 -14.20	35.55 1.18 -12.99	35.55 1.04 -15.23	35.55 1.03 -15.76	35.53 1.05 -15.77	35.36 1.31 -11.13	34.94 1.68 -5.23	35.24 1.56 -9.99	35.08 1.62 -8.60	37.76 2.07 -6.07	39.71 2.28 -6.55	42.74 2.23 -8.61	34.45 2.02 -2.81	28.80 1.76 -0.01	26.20 1.52 -0.93
NARROWS_GT2_4 24239	25.49 1.42 0.00	24.42 1.34 0.00	23.66 1.32 0.00	23.26 1.23 0.00	24.42 1.29 0.00	27.24 1.39 0.00	37.93 1.84 -4.86	43.91 2.16 -10.06	38.70 1.61 -7.29	38.04 1.07 -14.20	35.55 1.18 -12.99	35.55 1.04 -15.23	35.55 1.03 -15.76	35.53 1.05 -15.77	35.36 1.31 -11.13	34.94 1.68 -5.23	35.24 1.56 -9.99	35.08 1.62 -8.60	37.76 2.07 -6.07	39.71 2.28 -6.55	42.74 2.23 -8.61	34.45 2.02 -2.81	28.80 1.76 -0.01	26.20 1.52 -0.93
NARROWS_GT2_5 24240	25.49 1.42 0.00	24.42 1.34 0.00	23.66 1.32 0.00	23.26 1.23 0.00	24.42 1.29 0.00	27.24 1.39 0.00	37.93 1.84 -4.86	43.91 2.16 -10.06	38.70 1.61 -7.29	38.04 1.07 -14.20	35.55 1.18 -12.99	35.55 1.04 -15.23	35.55 1.03 -15.76	35.53 1.05 -15.77	35.36 1.31 -11.13	34.94 1.68 -5.23	35.24 1.56 -9.99	35.08 1.62 -8.60	37.76 2.07 -6.07	39.71 2.28 -6.55	42.74 2.23 -8.61	34.45 2.02 -2.81	28.80 1.76 -0.01	26.20 1.52 -0.93
NARROWS_GT2_6 24241	25.49 1.42 0.00	24.42 1.34 0.00	23.66 1.32 0.00	23.26 1.23 0.00	24.42 1.29 0.00	27.24 1.39 0.00	37.93 1.84 -4.86	43.91 2.16 -10.06	38.70 1.61 -7.29	38.04 1.07 -14.20	35.55 1.18 -12.99	35.55 1.04 -15.23	35.55 1.03 -15.76	35.53 1.05 -15.77	35.36 1.31 -11.13	34.94 1.68 -5.23	35.24 1.56 -9.99	35.08 1.62 -8.60	37.76 2.07 -6.07	39.71 2.28 -6.55	42.74 2.23 -8.61	34.45 2.02 -2.81	28.80 1.76 -0.01	26.20 1.52 -0.93
NARROWS_GT2_7 24242	25.49 1.42 0.00	24.42 1.34 0.00	23.66 1.32 0.00	23.26 1.23 0.00	24.42 1.29 0.00	27.24 1.39 0.00	37.93 1.84 -4.86	43.91 2.16 -10.06	38.70 1.61 -7.29	38.04 1.07 -14.20	35.55 1.18 -12.99	35.55 1.04 -15.23	35.55 1.03 -15.76	35.53 1.05 -15.77	35.36 1.31 -11.13	34.94 1.68 -5.23	35.24 1.56 -9.99	35.08 1.62 -8.60	37.76 2.07 -6.07	39.71 2.28 -6.55	42.74 2.23 -8.61	34.45 2.02 -2.81	28.80 1.76 -0.01	26.20 1.52 -0.93
NARROWS_GT2_8 24243	25.49 1.42 0.00	24.42 1.34 0.00	23.66 1.32 0.00	23.26 1.23 0.00	24.42 1.29 0.00	27.24 1.39 0.00	37.93 1.84 -4.86	43.91 2.16 -10.06	38.70 1.61 -7.29	38.04 1.07 -14.20	35.55 1.18 -12.99	35.55 1.04 -15.23	35.55 1.03 -15.76	35.53 1.05 -15.77	35.36 1.31 -11.13	34.94 1.68 -5.23	35.24 1.56 -9.99	35.08 1.62 -8.60	37.76 2.07 -6.07	39.71 2.28 -6.55	42.74 2.23 -8.61	34.45 2.02 -2.81	28.80 1.76 -0.01	26.20 1.52 -0.93
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	24.53 0.46 0.00	23.48 0.39 0.00	22.79 0.45 0.00	22.42 0.40 0.00	23.66 0.53 0.00	26.52 0.67 0.00	32.39 1.16 0.00	32.77 1.08 0.00	30.34 0.54 0.00	22.70 -0.07 0.00	21.21 -0.17 0.00	19.11 -0.17 0.00	18.70 -0.06 0.00	18.66 -0.06 0.00	23.08 0.16 0.00	28.59 0.56 0.00	23.95 0.26 0.00	25.09 0.22 0.00	30.30 0.68 0.00	31.92 1.05 0.00	32.95 1.05 0.00	30.34 0.71 0.00	27.55 0.51 0.00	24.18 0.43 0.00
NCHELSEA_115KV_TR2 355582	25.30 1.23 0.00	24.17 1.09 0.00	23.44 1.09 0.00	23.06 1.04 0.00	24.29 1.16 0.00	27.14 1.29 0.00	33.29 2.06 0.00	33.82 2.12 0.00	31.53 1.73 0.00	23.68 0.91 0.00	22.28 0.90 0.00	20.05 0.77 0.00	19.49 0.73 0.00	19.46 0.75 0.00	23.95 1.03 0.00	29.48 1.46 0.00	24.90 1.21 0.00	26.08 1.22 0.00	31.25 1.63 0.00	32.97 2.10 0.00	33.91 2.01 0.00	31.35 1.72 0.00	28.39 1.35 0.00	24.91 1.16 0.00
NEG CAPITAL___MECHNVIL 23645	24.67 0.60 0.00	23.71 0.62 0.00	22.97 0.62 0.00	22.59 0.57 0.00	23.82 0.69 0.00	26.67 0.83 0.00	32.51 1.28 0.00	33.12 1.43 0.00	30.72 0.92 0.00	23.14 0.36 0.00	21.68 0.30 0.00	19.57 0.29 0.00	19.08 0.32 0.00	19.05 0.34 0.00	23.47 0.55 0.00	29.01 0.98 0.00	24.35 0.66 0.00	25.49 0.62 0.00	30.74 1.13 0.00	32.26 1.39 0.00	33.30 1.40 0.00	30.61 0.98 0.00	27.85 0.81 0.00	24.44 0.69 0.00
NEG CENTRAL_HIGH_ACRES 23767	23.49 -0.58 0.00	22.49 -0.60 0.00	21.68 -0.67 0.00	21.45 -0.57 0.00	22.46 -0.67 0.00	25.07 -0.77 0.00	30.11 -1.12 0.00	30.77 -0.92 0.00	28.88 -0.92 0.00	22.32 -0.46 0.00	20.87 -0.51 0.00	18.82 -0.46 0.00	18.16 -0.60 0.00	18.08 -0.64 0.00	22.09 -0.82 0.00	26.87 -1.15 0.00	22.74 -0.95 0.00	23.94 -0.92 0.00	28.14 -1.48 0.00	29.45 -1.42 0.00	30.84 -1.05 0.00	28.30 -1.33 0.00	26.12 -0.92 0.00	22.94 -0.81 0.00
NEG CENTRAL___DRP 24199	24.22 0.14 0.00	23.34 0.25 0.00	22.50 0.16 0.00	22.24 0.22 0.00	23.31 0.19 0.00	26.08 0.23 0.00	31.64 0.41 0.00	32.23 0.54 0.00	30.13 0.33 0.00	23.09 0.32 0.00	21.58 0.19 0.00	19.43 0.15 0.00	18.82 0.06 0.00	18.75 0.04 0.00	22.99 0.07 0.00	27.83 -0.20 0.00	23.69 0.00 0.00	24.99 0.12 0.00	29.59 -0.03 0.00	31.09 0.22 0.00	32.37 0.48 0.00	29.90 0.27 0.00	27.20 0.16 0.00	23.89 0.14 0.00



NEG CENTRAL___INDECK 23768	25.39 1.32 0.00	24.29 1.20 0.00	23.35 1.01 0.00	23.10 1.08 0.00	24.22 1.09 0.00	27.06 1.22 0.00	32.70 1.47 0.00	33.34 1.65 0.00	30.84 1.04 0.00	23.59 0.82 0.00	21.98 0.60 0.00	19.80 0.52 0.00	19.10 0.34 0.00	19.00 0.28 0.00	23.24 0.32 0.00	28.28 0.25 0.00	24.09 0.40 0.00	25.51 0.65 0.00	30.21 0.59 0.00	31.80 0.93 0.00	33.43 1.53 0.00	30.55 0.92 0.00	28.12 1.08 0.00	24.67 0.93 0.00
NEG CENTRAL___SENECA 23627	24.46 0.39 0.00	23.59 0.51 0.00	22.75 0.40 0.00	22.49 0.46 0.00	23.55 0.42 0.00	26.36 0.52 0.00	31.95 0.72 0.00	32.55 0.86 0.00	30.40 0.60 0.00	23.30 0.52 0.00	21.73 0.34 0.00	19.59 0.31 0.00	18.93 0.17 0.00	18.85 0.13 0.00	23.10 0.18 0.00	27.94 -0.08 0.00	23.85 0.17 0.00	25.21 0.35 0.00	29.80 0.18 0.00	31.30 0.43 0.00	32.63 0.73 0.00	30.16 0.53 0.00	27.44 0.41 0.00	24.08 0.33 0.00
NEG CENTRAL___STATE_STREET 24147	24.07 0.00 0.00	23.16 0.07 0.00	22.37 0.02 0.00	22.09 0.07 0.00	23.15 0.02 0.00	25.92 0.08 0.00	31.45 0.22 0.00	32.07 0.38 0.00	29.95 0.15 0.00	23.02 0.25 0.00	21.51 0.13 0.00	19.40 0.12 0.00	18.82 0.06 0.00	18.75 0.04 0.00	22.99 0.07 0.00	27.91 -0.11 0.00	23.69 0.00 0.00	24.94 0.07 0.00	29.56 -0.06 0.00	31.03 0.15 0.00	32.28 0.38 0.00	29.78 0.15 0.00	27.09 0.05 0.00	23.77 0.02 0.00
NEG MILLWOOD___DRP 24198	25.35 1.28 0.00	24.22 1.13 0.00	23.46 1.12 0.00	23.10 1.08 0.00	24.31 1.18 0.00	27.19 1.34 0.00	33.42 2.19 0.00	33.97 2.28 0.00	31.62 1.82 0.00	23.73 0.96 0.00	22.35 0.96 0.00	20.11 0.83 0.00	19.53 0.77 0.00	19.52 0.80 0.00	23.95 1.03 0.00	29.59 1.57 0.00	24.97 1.28 0.00	26.13 1.27 0.00	31.34 1.72 0.00	33.13 2.25 0.00	34.10 2.20 0.00	31.47 1.84 0.00	28.47 1.43 0.00	24.96 1.21 0.00
NEG NORTH_FLCN_SEA 23793	24.94 0.87 0.00	23.89 0.81 0.00	23.04 0.69 0.00	22.71 0.68 0.00	23.78 0.65 0.00	26.54 0.70 0.00	31.04 -0.19 0.00	31.57 -0.13 0.00	30.07 0.27 0.00	23.66 0.89 0.00	22.35 0.96 0.00	20.11 0.83 0.00	19.57 0.81 0.00	19.43 0.71 0.00	23.63 0.71 0.00	29.01 0.98 0.00	24.52 0.83 0.00	25.86 0.99 0.00	30.63 1.01 0.00	31.52 0.65 0.00	32.22 0.32 0.00	30.04 0.41 0.00	27.39 0.35 0.00	24.08 0.33 0.00
NEG NORTH_KES_CHATEGAY 23792	24.48 0.41 0.00	23.46 0.37 0.00	22.66 0.31 0.00	22.31 0.29 0.00	23.41 0.28 0.00	26.13 0.28 0.00	30.92 -0.31 0.00	31.38 -0.32 0.00	29.83 0.03 0.00	23.14 0.36 0.00	21.81 0.43 0.00	19.65 0.37 0.00	19.12 0.36 0.00	19.01 0.30 0.00	23.15 0.23 0.00	28.42 0.39 0.00	24.02 0.33 0.00	25.34 0.47 0.00	30.03 0.41 0.00	30.96 0.09 0.00	31.74 -0.16 0.00	29.63 0.00 0.00	27.09 0.05 0.00	23.82 0.07 0.00
NEG NORTH___ALICE_FALLS 23915	24.91 0.84 0.00	23.89 0.81 0.00	23.04 0.69 0.00	22.71 0.68 0.00	23.80 0.67 0.00	26.57 0.72 0.00	31.20 -0.03 0.00	31.72 0.03 0.00	30.22 0.42 0.00	23.66 0.89 0.00	22.35 0.96 0.00	20.09 0.81 0.00	19.55 0.79 0.00	19.41 0.69 0.00	23.58 0.66 0.00	28.98 0.95 0.00	24.52 0.83 0.00	25.88 1.02 0.00	30.66 1.04 0.00	31.61 0.74 0.00	32.31 0.41 0.00	30.13 0.50 0.00	27.44 0.41 0.00	24.10 0.36 0.00
NEG NORTH___LWR_SARANAC 23913	24.91 0.84 0.00	23.89 0.81 0.00	23.04 0.69 0.00	22.71 0.68 0.00	23.80 0.67 0.00	26.57 0.72 0.00	31.20 -0.03 0.00	31.72 0.03 0.00	30.22 0.42 0.00	23.66 0.89 0.00	22.35 0.96 0.00	20.09 0.81 0.00	19.55 0.79 0.00	19.41 0.69 0.00	23.58 0.66 0.00	28.98 0.95 0.00	24.52 0.83 0.00	25.88 1.02 0.00	30.66 1.04 0.00	31.61 0.74 0.00	32.31 0.41 0.00	30.13 0.50 0.00	27.44 0.41 0.00	24.10 0.36 0.00
NEG NORTH___PLATTSBURG 23628	24.91 0.84 0.00	23.89 0.81 0.00	23.04 0.69 0.00	22.71 0.68 0.00	23.80 0.67 0.00	26.57 0.72 0.00	31.20 -0.03 0.00	30.93 -0.76 0.00	30.31 0.51 0.00	23.64 0.87 0.00	22.35 0.96 0.00	20.09 0.81 0.00	19.55 0.79 0.00	19.41 0.69 0.00	23.58 0.67 0.00	28.98 0.95 0.00	24.52 0.83 0.00	25.88 1.02 0.00	30.54 0.92 0.00	31.61 0.74 0.00	32.31 0.41 0.00	30.22 0.59 0.00	27.44 0.41 0.00	24.10 0.36 0.00
NEG WEST_LEA_LOCKPORT 23791	23.49 -0.58 0.00	23.06 -0.02 0.00	22.17 -0.18 0.00	22.05 0.02 0.00	22.88 -0.25 0.00	25.43 -0.41 0.00	29.95 -1.28 0.00	30.49 -1.20 0.00	28.85 -0.95 0.00	22.66 -0.11 0.00	21.21 -0.17 0.00	19.16 -0.12 0.00	18.40 -0.36 0.00	18.34 -0.37 0.00	22.28 -0.64 0.00	26.20 -1.82 0.00	22.91 -0.78 0.00	24.14 -0.72 0.00	27.84 -1.78 0.00	29.05 -1.82 0.00	30.65 -1.24 0.00	28.65 -0.98 0.00	26.36 -0.68 0.00	23.39 -0.36 0.00
NEG WEST___LANCASTR 23811	24.58 0.51 0.00	24.03 0.95 0.00	23.11 0.76 0.00	22.93 0.90 0.00	23.87 0.74 0.00	26.47 0.62 0.00	31.48 0.25 0.00	31.88 0.19 0.00	30.13 0.33 0.00	23.52 0.75 0.00	22.03 0.64 0.00	19.92 0.64 0.00	19.15 0.39 0.00	19.09 0.37 0.00	23.26 0.34 0.00	27.44 -0.59 0.00	23.93 0.24 0.00	25.34 0.47 0.00	29.32 -0.30 0.00	30.56 -0.31 0.00	32.09 0.19 0.00	30.01 0.39 0.00	27.52 0.49 0.00	24.48 0.74 0.00
NEG_PENN_ALLEGHNY 23528	24.63 0.55 0.00	23.59 0.51 0.00	22.77 0.42 0.00	22.49 0.46 0.00	23.59 0.46 0.00	26.31 0.47 0.00	31.85 0.62 0.00	32.42 0.73 0.00	30.25 0.45 0.00	23.20 0.43 0.00	21.73 0.34 0.00	19.59 0.31 0.00	19.00 0.24 0.00	18.94 0.23 0.00	23.22 0.30 0.00	28.25 0.22 0.00	23.97 0.29 0.00	25.26 0.40 0.00	29.98 0.36 0.00	31.30 0.43 0.00	32.50 0.60 0.00	29.99 0.36 0.00	27.47 0.43 0.00	24.18 0.43 0.00
NEG___GEN_MONROE 24207	23.73 -0.34 0.00	23.11 0.02 0.00	22.26 -0.09 0.00	22.09 0.07 0.00	23.04 -0.09 0.00	25.74 -0.10 0.00	30.70 -0.53 0.00	31.28 -0.41 0.00	29.44 -0.36 0.00	22.82 0.05 0.00	21.32 -0.06 0.00	19.18 -0.10 0.00	18.48 -0.28 0.00	18.42 -0.30 0.00	22.44 -0.48 0.00	26.76 -1.26 0.00	23.10 -0.59 0.00	24.32 -0.55 0.00	28.46 -1.16 0.00	29.82 -1.05 0.00	31.32 -0.57 0.00	29.16 -0.47 0.00	26.69 -0.35 0.00	23.53 -0.21 0.00
NEPA___ENERGY 23901	24.46 0.39 0.00	23.89 0.81 0.00	22.99 0.65 0.00	22.79 0.77 0.00	23.75 0.62 0.00	26.31 0.47 0.00	31.29 0.06 0.00	31.76 0.06 0.00	30.04 0.24 0.00	23.48 0.71 0.00	21.98 0.60 0.00	19.88 0.60 0.00	19.12 0.36 0.00	19.07 0.36 0.00	23.19 0.28 0.00	27.32 -0.70 0.00	23.83 0.14 0.00	25.26 0.40 0.00	29.23 -0.39 0.00	30.47 -0.40 0.00	31.96 0.06 0.00	29.93 0.30 0.00	27.44 0.41 0.00	24.37 0.62 0.00
NEVERSINK___HYD 23608	25.32 1.25 0.00	24.24 1.15 0.00	23.51 1.16 0.00	23.12 1.10 0.00	24.33 1.20 0.00	27.19 1.34 0.00	33.32 2.09 0.00	33.88 2.19 0.00	31.47 1.67 0.00	23.77 1.00 0.00	22.37 0.98 0.00	20.11 0.83 0.00	19.51 0.75 0.00	19.46 0.75 0.00	23.93 1.01 0.00	29.31 1.29 0.00	24.90 1.21 0.00	26.13 1.27 0.00	31.40 1.78 0.00	32.97 2.10 0.00	33.94 2.04 0.00	31.38 1.75 0.00	28.47 1.43 0.00	24.96 1.21 0.00



NEWKRMKL_115KV_TB1 55635	24.19 0.12 0.00	23.16 0.07 0.00	22.48 0.13 0.00	22.11 0.09 0.00	23.27 0.14 0.00	26.00 0.16 0.00	31.64 0.41 0.00	32.17 0.48 0.00	29.98 0.18 0.00	22.66 -0.11 0.00	21.28 -0.11 0.00	19.22 -0.06 0.00	18.87 0.11 0.00	18.85 0.13 0.00	23.15 0.23 0.00	28.53 0.50 0.00	24.00 0.31 0.00	25.09 0.22 0.00	30.09 0.47 0.00	31.64 0.77 0.00	32.60 0.70 0.00	30.04 0.41 0.00	27.31 0.27 0.00	23.99 0.24 0.00
NEWTON___FALLS_HYD 23847	23.95 -0.12 0.00	22.95 -0.14 0.00	22.21 -0.13 0.00	21.89 -0.13 0.00	23.01 -0.12 0.00	25.77 -0.08 0.00	30.98 -0.25 0.00	31.41 -0.29 0.00	29.47 -0.33 0.00	22.41 -0.36 0.00	20.98 -0.41 0.00	18.86 -0.42 0.00	18.35 -0.41 0.00	18.28 -0.43 0.00	22.28 -0.64 0.00	27.35 -0.67 0.00	23.07 -0.62 0.00	24.37 -0.50 0.00	29.18 -0.44 0.00	30.41 -0.46 0.00	31.51 -0.38 0.00	29.30 -0.33 0.00	26.77 -0.27 0.00	23.58 -0.17 0.00
NGRID_A1_DSASP 323792	23.54 -0.53 0.00	22.56 -0.53 0.00	21.70 -0.65 0.00	21.56 -0.46 0.00	22.46 -0.67 0.00	24.89 -0.96 0.00	29.26 -1.97 0.00	29.79 -1.90 0.00	28.19 -1.61 0.00	22.16 -0.61 0.00	20.74 -0.64 0.00	18.76 -0.52 0.00	18.03 -0.73 0.00	17.97 -0.75 0.00	21.82 -1.10 0.00	26.29 -1.74 0.00	22.39 -1.30 0.00	23.60 -1.27 0.00	27.19 -2.43 0.00	28.25 -2.62 0.00	29.82 -2.07 0.00	27.35 -2.28 0.00	25.74 -1.30 0.00	22.85 -0.90 0.00
NGRID_A2_DSASP 323793	23.54 -0.53 0.00	22.56 -0.53 0.00	21.70 -0.65 0.00	21.56 -0.46 0.00	22.46 -0.67 0.00	24.89 -0.96 0.00	29.26 -1.97 0.00	29.79 -1.90 0.00	28.19 -1.61 0.00	22.16 -0.61 0.00	20.74 -0.64 0.00	18.76 -0.52 0.00	18.03 -0.73 0.00	17.97 -0.75 0.00	21.82 -1.10 0.00	26.29 -1.74 0.00	22.39 -1.30 0.00	23.60 -1.27 0.00	27.19 -2.43 0.00	28.25 -2.62 0.00	29.82 -2.07 0.00	27.35 -2.28 0.00	25.74 -1.30 0.00	22.85 -0.90 0.00
NGRID_A4_DSASP 323807	23.54 -0.53 0.00	22.56 -0.53 0.00	21.70 -0.65 0.00	21.56 -0.46 0.00	22.46 -0.67 0.00	24.89 -0.96 0.00	29.26 -1.97 0.00	29.79 -1.90 0.00	28.19 -1.61 0.00	22.16 -0.61 0.00	20.74 -0.64 0.00	18.76 -0.52 0.00	18.03 -0.73 0.00	17.97 -0.75 0.00	21.82 -1.10 0.00	26.29 -1.74 0.00	22.39 -1.30 0.00	23.60 -1.27 0.00	27.19 -2.43 0.00	28.25 -2.62 0.00	29.82 -2.07 0.00	27.35 -2.28 0.00	25.74 -1.30 0.00	22.85 -0.90 0.00
NIAGARA_115E_LBMP 323715	23.61 -0.46 0.00	22.62 -0.46 0.00	21.76 -0.58 0.00	21.67 -0.35 0.00	22.53 -0.60 0.00	24.97 -0.88 0.00	29.39 -1.84 0.00	29.92 -1.77 0.00	28.28 -1.52 0.00	22.23 -0.55 0.00	20.81 -0.58 0.00	18.80 -0.48 0.00	18.07 -0.69 0.00	18.00 -0.71 0.00	21.86 -1.05 0.00	26.34 -1.68 0.00	22.46 -1.23 0.00	23.67 -1.19 0.00	27.28 -2.34 0.00	28.37 -2.50 0.00	29.95 -1.95 0.00	27.47 -2.16 0.00	25.85 -1.19 0.00	22.94 -0.81 0.00
NIAGARA_115W_LBMP 323714	23.47 -0.60 0.00	22.51 -0.58 0.00	21.65 -0.69 0.00	21.49 -0.53 0.00	22.41 -0.72 0.00	24.81 -1.03 0.00	29.17 -2.06 0.00	29.70 -2.00 0.00	28.10 -1.70 0.00	22.09 -0.68 0.00	20.68 -0.71 0.00	18.70 -0.58 0.00	17.97 -0.79 0.00	17.91 -0.80 0.00	21.75 -1.17 0.00	26.20 -1.82 0.00	22.31 -1.37 0.00	23.52 -1.34 0.00	27.10 -2.52 0.00	28.16 -2.72 0.00	29.73 -2.17 0.00	27.26 -2.37 0.00	25.69 -1.35 0.00	22.80 -0.95 0.00
NIAGARA_230_LBMP 323716	23.83 -0.24 0.00	22.83 -0.25 0.00	21.99 -0.36 0.00	21.82 -0.20 0.00	22.74 -0.39 0.00	25.20 -0.65 0.00	29.67 -1.56 0.00	30.20 -1.49 0.00	28.55 -1.25 0.00	22.41 -0.37 0.00	21.00 -0.38 0.00	18.97 -0.31 0.00	18.26 -0.51 0.00	18.19 -0.52 0.00	22.09 -0.82 0.00	26.62 -1.40 0.00	22.67 -1.02 0.00	23.89 -0.97 0.00	27.58 -2.04 0.00	28.65 -2.22 0.00	30.24 -1.66 0.00	27.76 -1.87 0.00	26.09 -0.95 0.00	23.16 -0.59 0.00
NIAGARA___115KV_198_GIBSON 55903	22.89 -1.18 0.00	22.51 -0.58 0.00	21.65 -0.69 0.00	21.58 -0.44 0.00	22.32 -0.81 0.00	24.81 -1.03 0.00	29.14 -2.09 0.00	29.60 -2.09 0.00	28.04 -1.76 0.00	22.09 -0.68 0.00	20.68 -0.71 0.00	18.70 -0.58 0.00	17.97 -0.79 0.00	17.91 -0.80 0.00	21.75 -1.17 0.00	25.56 -2.47 0.00	22.34 -1.35 0.00	23.52 -1.34 0.00	27.10 -2.52 0.00	28.22 -2.65 0.00	29.76 -2.14 0.00	27.85 -1.78 0.00	25.66 -1.38 0.00	22.80 -0.95 0.00
NIAGARA____ 23760	23.83 -0.24 0.00	22.83 -0.25 0.00	21.99 -0.36 0.00	21.82 -0.20 0.00	22.74 -0.39 0.00	25.20 -0.65 0.00	29.67 -1.56 0.00	30.20 -1.49 0.00	28.55 -1.25 0.00	22.41 -0.37 0.00	21.00 -0.38 0.00	18.97 -0.31 0.00	18.26 -0.51 0.00	18.19 -0.52 0.00	22.09 -0.82 0.00	26.62 -1.40 0.00	22.67 -1.02 0.00	23.89 -0.97 0.00	27.58 -2.04 0.00	28.65 -2.22 0.00	30.24 -1.66 0.00	27.76 -1.87 0.00	26.09 -0.95 0.00	23.16 -0.59 0.00
NINE_MILE_1 23575	23.37 -0.70 0.00	22.39 -0.69 0.00	21.65 -0.69 0.00	21.38 -0.64 0.00	22.41 -0.72 0.00	25.04 -0.80 0.00	30.29 -0.94 0.00	30.81 -0.89 0.00	28.91 -0.89 0.00	22.25 -0.52 0.00	20.85 -0.53 0.00	18.80 -0.48 0.00	18.26 -0.51 0.00	18.21 -0.50 0.00	22.30 -0.62 0.00	27.10 -0.92 0.00	22.88 -0.81 0.00	24.04 -0.82 0.00	28.58 -1.04 0.00	29.88 -0.99 0.00	30.97 -0.93 0.00	28.62 -1.01 0.00	26.17 -0.87 0.00	22.99 -0.76 0.00
NINE_MILE_2 23744	23.37 -0.70 0.00	22.39 -0.69 0.00	21.65 -0.69 0.00	21.38 -0.64 0.00	22.41 -0.72 0.00	25.04 -0.80 0.00	30.29 -0.94 0.00	30.81 -0.89 0.00	28.91 -0.89 0.00	22.25 -0.52 0.00	20.85 -0.53 0.00	18.80 -0.48 0.00	18.26 -0.51 0.00	18.21 -0.50 0.00	22.30 -0.62 0.00	27.10 -0.92 0.00	22.88 -0.81 0.00	24.04 -0.82 0.00	28.58 -1.04 0.00	29.88 -0.99 0.00	30.97 -0.93 0.00	28.62 -1.01 0.00	26.17 -0.87 0.00	22.99 -0.76 0.00
NM_CAPITAL___DRP 24208	24.26 0.19 0.00	23.20 0.12 0.00	22.52 0.18 0.00	22.16 0.13 0.00	23.31 0.19 0.00	26.05 0.21 0.00	31.70 0.47 0.00	32.23 0.54 0.00	30.04 0.24 0.00	22.70 -0.07 0.00	21.34 -0.04 0.00	19.28 0.00 0.00	18.89 0.13 0.00	18.88 0.17 0.00	23.17 0.25 0.00	28.56 0.53 0.00	24.02 0.33 0.00	25.09 0.22 0.00	30.12 0.50 0.00	31.67 0.80 0.00	32.63 0.73 0.00	30.07 0.44 0.00	27.33 0.30 0.00	24.01 0.26 0.00
NM_CENTRAL___DRP 24181	23.76 -0.31 0.00	22.86 -0.23 0.00	22.08 -0.27 0.00	21.80 -0.22 0.00	22.85 -0.28 0.00	25.56 -0.28 0.00	30.98 -0.25 0.00	31.50 -0.19 0.00	29.53 -0.27 0.00	22.68 -0.09 0.00	21.26 -0.13 0.00	19.16 -0.12 0.00	18.61 -0.15 0.00	18.55 -0.17 0.00	22.73 -0.18 0.00	27.58 -0.45 0.00	23.36 -0.33 0.00	24.57 -0.30 0.00	29.12 -0.50 0.00	30.50 -0.37 0.00	31.71 -0.19 0.00	29.33 -0.30 0.00	26.71 -0.32 0.00	23.44 -0.31 0.00
NM_FRONTIER___DRP 24179	22.89 -1.18 0.00	22.51 -0.58 0.00	21.65 -0.69 0.00	21.58 -0.44 0.00	22.32 -0.81 0.00	24.81 -1.03 0.00	29.14 -2.09 0.00	29.60 -2.09 0.00	28.04 -1.76 0.00	22.09 -0.68 0.00	20.68 -0.71 0.00	18.70 -0.58 0.00	17.97 -0.79 0.00	17.91 -0.80 0.00	21.75 -1.17 0.00	25.56 -2.47 0.00	22.34 -1.35 0.00	23.52 -1.34 0.00	27.10 -2.52 0.00	28.22 -2.65 0.00	29.76 -2.14 0.00	27.85 -1.78 0.00	25.66 -1.38 0.00	22.80 -0.95 0.00



NM_ST_REGIS___HYD 24053	24.02 -0.05 0.00	23.04 -0.05 0.00	22.26 -0.09 0.00	21.94 -0.09 0.00	23.06 -0.07 0.00	25.79 -0.05 0.00	30.64 -0.59 0.00	31.06 -0.63 0.00	29.41 -0.39 0.00	22.52 -0.25 0.00	21.17 -0.21 0.00	19.03 -0.25 0.00	18.54 -0.23 0.00	18.45 -0.26 0.00	22.39 -0.53 0.00	27.52 -0.50 0.00	23.21 -0.47 0.00	24.47 -0.40 0.00	29.15 -0.47 0.00	30.10 -0.77 0.00	31.00 -0.89 0.00	28.95 -0.68 0.00	26.58 -0.46 0.00	23.53 -0.21 0.00
NORTHPORT___1 23551	26.14 2.07 0.00	25.14 2.05 0.00	24.20 1.85 0.00	23.92 1.89 0.00	25.05 1.92 0.00	28.39 2.53 -0.01	32.37 1.22 0.08	33.28 1.65 0.06	30.90 1.10 0.00	24.53 1.75 0.00	23.47 2.07 -0.02	21.15 1.87 0.00	20.61 1.84 -0.01	20.23 1.52 0.00	24.75 1.83 0.00	30.10 2.07 0.00	26.42 2.72 -0.01	27.42 2.46 -0.10	32.39 2.84 0.08	33.36 2.72 0.23	34.17 2.36 0.09	32.65 3.08 0.06	29.73 2.68 -0.01	26.18 2.42 -0.01
NORTHPORT___2 23552	26.14 2.07 0.00	25.14 2.05 0.00	24.20 1.85 0.00	23.92 1.89 0.00	25.05 1.92 0.00	28.39 2.53 -0.01	32.45 1.22 0.00	33.34 1.65 0.00	30.90 1.10 0.00	24.53 1.75 0.00	23.47 2.07 -0.02	21.15 1.87 0.00	20.61 1.84 -0.01	20.23 1.52 0.00	24.75 1.83 0.00	30.10 2.07 0.00	26.42 2.72 -0.01	27.42 2.46 -0.10	32.46 2.84 0.00	33.59 2.72 0.00	34.26 2.36 0.00	32.71 3.08 0.00	29.73 2.68 -0.01	26.18 2.42 -0.01
NORTHPORT___3 23553	26.65 2.58 0.00	25.53 2.45 0.01	23.93 1.59 0.00	24.09 2.07 0.00	24.77 1.64 0.00	28.54 2.69 0.00	32.59 1.84 0.48	33.65 2.31 0.36	30.51 0.71 0.00	24.30 1.53 0.00	23.86 2.46 -0.02	21.59 2.31 0.00	20.99 2.21 -0.01	20.24 1.53 0.01	24.55 1.63 0.00	29.82 1.80 0.00	26.16 2.46 -0.01	27.85 2.83 -0.15	32.60 3.46 0.48	32.81 3.34 1.40	34.36 3.03 0.56	32.95 3.70 0.39	30.21 3.16 -0.01	26.57 2.82 0.00
NORTHPORT___4 23650	26.65 2.58 0.00	25.53 2.45 0.01	23.93 1.59 0.00	24.09 2.07 0.00	24.77 1.64 0.00	28.54 2.69 0.00	32.59 1.84 0.48	33.65 2.31 0.36	30.51 0.71 0.00	24.30 1.53 0.00	23.86 2.46 -0.02	21.59 2.31 0.00	20.99 2.21 -0.01	20.24 1.53 0.01	24.55 1.63 0.00	29.82 1.80 0.00	26.16 2.46 -0.01	27.85 2.83 -0.15	32.60 3.46 0.48	32.81 3.34 1.40	34.36 3.03 0.56	32.95 3.70 0.39	30.21 3.16 -0.01	26.57 2.82 0.00
NORTHPORT___IC 23718	26.38 2.31 0.00	25.14 2.05 0.00	24.20 1.85 0.00	23.74 1.72 0.00	25.07 1.94 0.00	28.40 2.56 0.00	32.45 1.22 0.00	33.31 1.62 0.00	32.57 2.77 0.00	24.57 1.80 0.00	23.47 2.07 -0.02	21.15 1.87 0.00	20.61 1.84 -0.01	20.23 1.52 0.00	24.75 1.83 0.00	31.25 3.22 0.00	26.39 2.70 0.00	27.42 2.46 -0.10	31.40 1.78 0.00	33.40 2.53 0.00	34.16 2.26 0.00	31.17 1.54 0.00	29.73 2.68 -0.01	26.17 2.42 0.00
NORTH___COUNTRY_ESR 323785	24.38 0.31 0.00	23.39 0.30 0.00	22.57 0.22 0.00	22.24 0.22 0.00	23.31 0.18 0.00	26.05 0.21 0.00	30.86 -0.37 0.00	30.87 -0.82 0.00	29.86 0.06 0.00	23.09 0.32 0.00	21.77 0.39 0.00	19.61 0.33 0.00	19.08 0.32 0.00	18.98 0.26 0.00	23.12 0.21 0.00	28.36 0.34 0.00	23.97 0.29 0.00	25.24 0.37 0.00	29.83 0.21 0.00	30.81 -0.06 0.00	31.58 -0.32 0.00	29.63 0.00 0.00	26.98 -0.05 0.00	23.75 0.00 0.00
NPX_GEN_1385_PROXY 323591	26.04 1.97 0.00	25.09 2.01 0.00	24.15 1.81 0.00	23.89 1.87 0.00	25.45 1.90 -0.43	29.16 2.51 -0.81	31.16 1.16 1.23	33.34 1.65 0.00	30.90 1.10 0.00	24.50 1.73 0.00	23.47 2.07 -0.02	21.07 1.79 0.00	20.62 1.86 -0.01	20.25 1.53 0.00	24.61 1.70 0.00	29.85 1.82 0.00	26.33 2.63 -0.01	27.35 2.39 -0.10	32.34 2.72 0.00	33.71 2.84 0.00	33.86 2.17 0.21	32.80 2.96 -0.21	29.59 2.54 -0.01	26.06 2.30 -0.01
NPX_GEN_CSC 323557	27.23 2.36 -0.80	25.52 2.31 -0.12	24.40 2.05 0.00	24.12 2.09 0.00	25.66 2.10 -0.43	29.52 2.74 -0.93	40.00 1.59 -7.18	40.00 2.03 -6.28	31.14 1.34 0.00	24.64 1.87 0.00	24.73 2.31 -1.04	22.32 2.14 -0.90	22.56 2.06 -1.74	20.52 1.68 -0.12	24.82 1.90 0.00	30.29 2.27 0.00	26.54 2.84 -0.01	35.00 2.63 -7.50	41.26 3.17 -8.47	58.46 3.06 -24.53	44.32 2.74 -9.68	40.00 3.38 -6.99	30.81 2.95 -0.83	26.56 2.68 -0.13
NSINS_S_GLNS_FALLS 23858	24.70 0.63 0.00	23.64 0.55 0.00	22.90 0.56 0.00	22.53 0.51 0.00	23.82 0.69 0.00	26.70 0.85 0.00	32.60 1.37 0.00	33.25 1.55 0.00	30.78 0.98 0.00	23.09 0.32 0.00	21.53 0.15 0.00	19.43 0.15 0.00	18.93 0.17 0.00	18.86 0.15 0.00	23.33 0.41 0.00	29.06 1.04 0.00	24.21 0.52 0.00	25.39 0.52 0.00	30.66 1.04 0.00	32.26 1.39 0.00	33.33 1.44 0.00	30.61 0.98 0.00	27.82 0.78 0.00	24.37 0.62 0.00
NUCOR_STEEL___DRP 24197	24.12 0.05 0.00	23.22 0.14 0.00	22.41 0.07 0.00	22.16 0.13 0.00	23.22 0.09 0.00	25.98 0.13 0.00	31.51 0.28 0.00	32.10 0.41 0.00	29.98 0.18 0.00	23.05 0.27 0.00	21.53 0.15 0.00	19.41 0.13 0.00	18.82 0.06 0.00	18.75 0.04 0.00	22.99 0.07 0.00	27.91 -0.11 0.00	23.66 -0.02 0.00	24.91 0.05 0.00	29.56 -0.06 0.00	31.00 0.12 0.00	32.25 0.35 0.00	29.78 0.15 0.00	27.12 0.08 0.00	23.82 0.07 0.00
NUMBER_THREE_WT_PWR 323818	24.31 0.24 0.00	23.29 0.21 0.00	22.55 0.20 0.00	22.22 0.20 0.00	23.36 0.23 0.00	26.18 0.34 0.00	31.76 0.53 0.00	32.29 0.60 0.00	30.07 0.27 0.00	22.80 0.02 0.00	21.28 -0.11 0.00	19.15 -0.13 0.00	18.59 -0.17 0.00	18.55 -0.17 0.00	22.71 -0.21 0.00	27.86 -0.17 0.00	23.52 -0.16 0.00	24.86 0.00 0.00	29.86 0.24 0.00	31.34 0.46 0.00	32.60 0.70 0.00	30.13 0.50 0.00	27.42 0.38 0.00	24.03 0.29 0.00
NYISO_LBMP_REFERENCE 24008	24.07 0.00 0.00	23.09 0.00 0.00	22.35 0.00 0.00	22.02 0.00 0.00	23.13 0.00 0.00	25.85 0.00 0.00	31.23 0.00 0.00	31.69 0.00 0.00	29.80 0.00 0.00	22.77 0.00 0.00	21.38 0.00 0.00	19.28 0.00 0.00	18.76 0.00 0.00	18.71 0.00 0.00	22.92 0.00 0.00	28.02 0.00 0.00	23.69 0.00 0.00	24.86 0.00 0.00	29.62 0.00 0.00	30.87 0.00 0.00	31.90 0.00 0.00	29.63 0.00 0.00	27.04 0.00 0.00	23.75 0.00 0.00
NYPA_BRENTWD____GT 24164	26.54 2.41 -0.06	25.45 2.36 -0.01	24.42 2.08 0.00	24.16 2.14 0.00	25.28 2.15 0.00	28.71 2.84 -0.02	33.61 1.75 -0.64	34.35 2.19 -0.48	31.26 1.46 0.00	24.73 1.96 0.00	23.81 2.33 -0.10	21.47 2.12 -0.07	20.95 2.05 -0.15	20.39 1.67 -0.01	24.96 2.04 0.00	30.41 2.38 0.00	26.66 2.96 -0.01	28.38 2.81 -0.71	33.64 3.38 -0.64	36.03 3.30 -1.86	35.64 3.00 -0.75	33.73 3.58 -0.51	30.17 3.05 -0.08	26.52 2.75 -0.02
NYPA_GOWANUS____GT5 24156	25.49 1.42 0.00	24.42 1.34 0.00	23.66 1.32 0.00	23.26 1.23 0.00	24.42 1.29 0.00	27.24 1.39 0.00	37.93 1.84 -4.86	43.91 2.16 -10.06	38.70 1.61 -7.29	38.04 1.07 -14.20	35.55 1.18 -12.99	35.55 1.04 -15.23	35.55 1.03 -15.76	35.53 1.05 -15.77	35.36 1.31 -11.13	34.94 1.68 -5.23	35.24 1.56 -9.99	35.08 1.62 -8.60	37.76 2.07 -6.07	39.71 2.28 -6.55	42.74 2.23 -8.61	34.45 2.02 -2.81	28.80 1.76 -0.01	26.20 1.52 -0.93



NYPA_GOWANUS____GT6 24157	25.49 1.42 0.00	24.42 1.34 0.00	23.66 1.32 0.00	23.26 1.23 0.00	24.42 1.29 0.00	27.24 1.39 0.00	37.93 1.84 -4.86	43.91 2.16 -10.06	38.70 1.61 -7.29	38.04 1.07 -14.20	35.55 1.18 -12.99	35.55 1.04 -15.23	35.55 1.03 -15.76	35.53 1.05 -15.77	35.36 1.31 -11.13	34.94 1.68 -5.23	35.24 1.56 -9.99	35.08 1.62 -8.60	37.76 2.07 -6.07	39.71 2.28 -6.55	42.74 2.23 -8.61	34.45 2.02 -2.81	28.80 1.76 -0.01	26.20 1.52 -0.93
NYPA_HARLEM_RVR__GT1 24160	25.60 1.52 -0.01	24.53 1.43 -0.01	23.76 1.41 -0.01	23.37 1.34 -0.01	24.53 1.39 -0.01	27.39 1.52 -0.02	33.62 1.78 -0.61	34.97 2.00 -1.28	32.21 1.49 -0.92	25.55 0.98 -1.80	46.79 1.07 -24.33	48.78 0.96 -28.54	49.22 0.94 -29.52	49.21 0.95 -29.54	44.94 1.17 -20.86	39.35 1.51 -9.81	26.35 1.40 -1.27	27.40 1.44 -1.09	32.28 1.90 -0.77	33.83 2.13 -0.83	35.03 2.04 -1.09	36.69 1.78 -5.28	28.63 1.57 -0.02	26.84 1.33 -1.77
NYPA_HARLEM_RVR__GT2 24161	25.60 1.52 -0.01	24.53 1.43 -0.01	23.76 1.41 -0.01	23.37 1.34 -0.01	24.53 1.39 -0.01	27.39 1.52 -0.02	33.62 1.78 -0.61	34.97 2.00 -1.28	32.21 1.49 -0.92	25.55 0.98 -1.80	46.79 1.07 -24.33	48.78 0.96 -28.54	49.22 0.94 -29.52	49.21 0.95 -29.54	44.94 1.17 -20.86	39.35 1.51 -9.81	26.35 1.40 -1.27	27.40 1.44 -1.09	32.28 1.90 -0.77	33.83 2.13 -0.83	35.03 2.04 -1.09	36.69 1.78 -5.28	28.63 1.57 -0.02	26.84 1.33 -1.77
NYPA_KENT____GT 24152	25.44 1.37 0.00	24.38 1.29 0.00	23.62 1.27 0.00	23.21 1.19 0.00	24.38 1.25 0.00	27.22 1.37 0.00	37.93 1.84 -4.86	43.88 2.12 -10.06	38.70 1.61 -7.29	38.04 1.07 -14.20	35.53 1.15 -12.99	35.53 1.02 -15.23	35.53 1.01 -15.76	35.51 1.03 -15.77	35.33 1.28 -11.13	34.91 1.65 -5.23	35.20 1.52 -9.99	35.03 1.57 -8.60	37.71 2.02 -6.07	39.67 2.25 -6.55	42.71 2.20 -8.61	34.39 1.96 -2.81	28.72 1.68 -0.01	26.13 1.45 -0.93
NYPA_POUCH1____GT 24155	25.61 1.54 0.00	24.54 1.46 0.00	23.75 1.41 0.00	23.37 1.34 0.00	24.52 1.39 0.00	27.34 1.50 0.00	37.81 1.72 -4.86	43.75 2.00 -10.06	38.55 1.46 -7.29	37.93 0.96 -14.20	35.51 1.13 -12.99	35.52 1.00 -15.23	35.51 0.99 -15.76	35.49 1.01 -15.77	35.33 1.28 -11.13	34.97 1.71 -5.23	35.24 1.56 -9.99	35.08 1.62 -8.60	37.68 1.98 -6.07	39.61 2.19 -6.55	42.61 2.10 -8.61	34.54 2.10 -2.81	28.88 1.84 -0.01	26.32 1.64 -0.93
NYPA_VERNON____GT2 24162	25.37 1.30 0.00	24.33 1.25 0.00	23.57 1.23 0.00	23.19 1.17 0.00	24.33 1.20 0.00	27.19 1.34 0.00	37.96 1.87 -4.86	43.88 2.12 -10.06	38.70 1.61 -7.29	38.04 1.07 -14.20	35.51 1.13 -12.99	35.53 1.02 -15.23	35.51 0.99 -15.76	35.49 1.01 -15.77	35.29 1.24 -11.13	34.85 1.60 -5.23	35.15 1.47 -9.99	34.98 1.52 -8.60	37.68 1.98 -6.07	39.64 2.22 -6.55	42.65 2.14 -8.61	34.31 1.87 -2.81	28.64 1.59 -0.01	26.08 1.40 -0.93
NYPA_VERNON____GT3 24163	25.37 1.30 0.00	24.33 1.25 0.00	23.57 1.23 0.00	23.19 1.17 0.00	24.33 1.20 0.00	27.19 1.34 0.00	37.96 1.87 -4.86	43.88 2.12 -10.06	38.70 1.61 -7.29	38.04 1.07 -14.20	35.51 1.13 -12.99	35.53 1.02 -15.23	35.51 0.99 -15.76	35.49 1.01 -15.77	35.29 1.24 -11.13	34.85 1.60 -5.23	35.15 1.47 -9.99	34.98 1.52 -8.60	37.68 1.98 -6.07	39.64 2.22 -6.55	42.65 2.14 -8.61	34.31 1.87 -2.81	28.64 1.59 -0.01	26.08 1.40 -0.93
NYPA__ASTORIA_CC1 323568	25.35 1.27 0.00	24.31 1.22 0.00	23.55 1.21 0.00	23.17 1.14 0.00	24.31 1.18 0.00	27.16 1.32 0.00	37.87 1.78 -4.86	43.79 2.03 -10.06	38.61 1.52 -7.29	37.97 1.00 -14.20	35.44 1.07 -12.99	35.48 0.96 -15.23	35.48 0.96 -15.76	35.46 0.97 -15.77	35.24 1.19 -11.13	34.80 1.54 -5.23	35.10 1.42 -9.99	34.91 1.44 -8.60	37.59 1.90 -6.07	39.55 2.13 -6.55	42.55 2.04 -8.61	34.25 1.81 -2.81	28.59 1.54 -0.01	26.01 1.33 -0.93
NYPA__ASTORIA_CC2 323569	25.35 1.27 0.00	24.31 1.22 0.00	23.55 1.21 0.00	23.17 1.14 0.00	24.31 1.18 0.00	27.16 1.32 0.00	37.87 1.78 -4.86	43.79 2.03 -10.06	38.61 1.52 -7.29	37.97 1.00 -14.20	35.44 1.07 -12.99	35.48 0.96 -15.23	35.48 0.96 -15.76	35.46 0.97 -15.77	35.24 1.19 -11.13	34.80 1.54 -5.23	35.10 1.42 -9.99	34.91 1.44 -8.60	37.59 1.90 -6.07	39.55 2.13 -6.55	42.55 2.04 -8.61	34.25 1.81 -2.81	28.59 1.54 -0.01	26.01 1.33 -0.93
NYPA__HOLTSVILL 23794	27.21 2.33 -0.80	25.49 2.29 -0.12	24.38 2.03 0.00	24.09 2.07 0.00	25.23 2.10 0.00	28.71 2.74 -0.13	41.30 1.65 -8.42	40.07 2.09 -6.29	31.20 1.40 0.00	24.66 1.89 0.00	24.69 2.27 -1.04	22.26 2.08 -0.90	22.51 2.01 -1.74	20.46 1.63 -0.12	24.89 1.97 0.00	30.32 2.30 0.00	26.59 2.89 -0.01	35.06 2.69 -7.51	41.33 3.23 -8.48	58.59 3.15 -24.57	44.64 2.84 -9.90	39.89 3.47 -6.80	30.81 2.95 -0.83	26.56 2.68 -0.13
NYPA__HELLGATE_GT1 24158	25.60 1.52 -0.01	24.53 1.43 -0.01	23.76 1.41 -0.01	23.37 1.34 -0.01	24.53 1.39 -0.01	27.37 1.52 0.00	42.13 1.78 -9.12	52.56 2.00 -18.87	44.97 1.49 -13.68	50.38 0.98 -26.63	24.10 1.07 -1.65	22.18 0.96 -1.93	21.70 0.94 -2.00	21.67 0.95 -2.00	25.50 1.17 -1.41	30.20 1.51 -0.66	43.83 1.40 -18.74	42.44 1.44 -16.14	42.91 1.90 -11.40	45.29 2.13 -12.29	50.10 2.04 -16.16	31.76 1.78 -0.35	28.61 1.57 -0.01	25.19 1.33 -0.11
NYPA__HELLGATE_GT2 24159	25.60 1.52 -0.01	24.53 1.43 -0.01	23.76 1.41 -0.01	23.37 1.34 -0.01	24.53 1.39 -0.01	27.37 1.52 0.00	42.13 1.78 -9.12	52.56 2.00 -18.87	44.97 1.49 -13.68	50.38 0.98 -26.63	24.10 1.07 -1.65	22.18 0.96 -1.93	21.70 0.94 -2.00	21.67 0.95 -2.00	25.50 1.17 -1.41	30.20 1.51 -0.66	43.83 1.40 -18.74	42.44 1.44 -16.14	42.91 1.90 -11.40	45.29 2.13 -12.29	50.10 2.04 -16.16	31.76 1.78 -0.35	28.61 1.57 -0.01	25.19 1.33 -0.11
NYS_BARGE__HYD 23848	24.05 -0.02 0.00	23.04 -0.05 0.00	22.17 -0.18 0.00	22.05 0.02 0.00	22.94 -0.19 0.00	25.43 -0.41 0.00	30.01 -1.22 0.00	30.62 -1.08 0.00	28.91 -0.89 0.00	22.66 -0.11 0.00	21.19 -0.19 0.00	19.16 -0.11 0.00	18.39 -0.38 0.00	18.32 -0.39 0.00	22.28 -0.64 0.00	26.85 -1.18 0.00	22.88 -0.81 0.00	24.14 -0.72 0.00	27.87 -1.75 0.00	28.99 -1.88 0.00	30.62 -1.28 0.00	28.06 -1.57 0.00	26.36 -0.67 0.00	23.37 -0.38 0.00
OAK ORCHARD__HYD 24046	24.00 -0.07 0.00	22.97 -0.11 0.00	22.12 -0.22 0.00	21.91 -0.11 0.00	22.92 -0.21 0.00	25.54 -0.31 0.00	30.51 -0.72 0.00	31.18 -0.51 0.00	29.32 -0.48 0.00	22.75 -0.02 0.00	21.28 -0.11 0.00	19.18 -0.10 0.00	18.48 -0.28 0.00	18.40 -0.32 0.00	22.44 -0.48 0.00	27.21 -0.81 0.00	23.10 -0.59 0.00	24.32 -0.55 0.00	28.49 -1.13 0.00	29.76 -1.11 0.00	31.26 -0.64 0.00	28.68 -0.95 0.00	26.60 -0.43 0.00	23.42 -0.33 0.00
OAKDALE_35_KV_LOAD 356122	24.46 0.39 0.00	23.55 0.46 0.00	22.75 0.40 0.00	22.44 0.42 0.00	23.52 0.39 0.00	26.26 0.41 0.00	31.79 0.56 0.00	32.23 0.54 0.00	30.22 0.42 0.00	23.16 0.39 0.00	21.68 0.30 0.00	19.55 0.27 0.00	18.97 0.21 0.00	18.92 0.21 0.00	23.17 0.25 0.00	28.08 0.06 0.00	23.93 0.24 0.00	25.21 0.35 0.00	29.83 0.21 0.00	31.24 0.37 0.00	32.44 0.54 0.00	30.10 0.47 0.00	27.42 0.38 0.00	24.13 0.38 0.00



OCC_CHEM___DRP 24175	22.96 -1.11 0.00	22.56 -0.53 0.00	21.70 -0.65 0.00	21.63 -0.40 0.00	22.39 -0.74 0.00	24.89 -0.96 0.00	29.23 -2.00 0.00	29.70 -2.00 0.00	28.13 -1.67 0.00	22.16 -0.61 0.00	20.74 -0.64 0.00	18.76 -0.52 0.00	18.01 -0.75 0.00	17.97 -0.75 0.00	21.82 -1.10 0.00	25.61 -2.41 0.00	22.39 -1.30 0.00	23.60 -1.27 0.00	27.16 -2.46 0.00	28.31 -2.56 0.00	29.86 -2.04 0.00	27.94 -1.69 0.00	25.74 -1.30 0.00	22.85 -0.90 0.00
OH_GEN_PROXY 24063	23.85 -0.22 0.00	22.88 -0.21 0.00	22.01 -0.33 0.00	21.85 -0.18 0.00	23.21 -0.35 -0.43	26.03 -0.62 -0.80	28.50 -1.50 1.23	30.30 -1.39 0.00	28.64 -1.16 0.00	22.45 -0.32 0.00	21.02 -0.36 0.00	19.01 -0.27 0.00	18.27 -0.49 0.00	18.23 -0.49 0.00	22.14 -0.78 0.00	26.68 -1.34 0.00	22.74 -0.95 0.00	23.97 -0.89 0.00	27.66 -1.96 0.00	28.77 -2.10 0.00	30.09 -1.59 0.21	28.06 -1.78 -0.21	26.17 -0.87 0.00	23.20 -0.55 0.00
OLIN_CORP_DRP 24177	23.08 -0.99 0.00	22.67 -0.42 0.00	21.81 -0.54 0.00	21.67 -0.35 0.00	22.51 -0.62 0.00	25.02 -0.83 0.00	29.42 -1.81 0.00	29.89 -1.81 0.00	28.31 -1.49 0.00	22.27 -0.50 0.00	20.85 -0.53 0.00	18.84 -0.44 0.00	18.10 -0.66 0.00	18.04 -0.67 0.00	21.93 -0.99 0.00	25.78 -2.24 0.00	22.50 -1.18 0.00	23.72 -1.14 0.00	27.34 -2.28 0.00	28.49 -2.38 0.00	30.05 -1.85 0.00	28.12 -1.51 0.00	25.90 -1.14 0.00	22.99 -0.76 0.00
OLIN_CORP_DSASP 323712	23.54 -0.53 0.00	22.56 -0.53 0.00	21.70 -0.65 0.00	21.56 -0.46 0.00	22.46 -0.67 0.00	24.89 -0.96 0.00	29.26 -1.97 0.00	29.79 -1.90 0.00	28.19 -1.61 0.00	22.16 -0.61 0.00	20.74 -0.64 0.00	18.76 -0.52 0.00	18.03 -0.73 0.00	17.97 -0.75 0.00	21.82 -1.10 0.00	26.29 -1.74 0.00	22.39 -1.30 0.00	23.60 -1.27 0.00	27.19 -2.43 0.00	28.25 -2.62 0.00	29.82 -2.07 0.00	27.35 -2.28 0.00	25.74 -1.30 0.00	22.85 -0.90 0.00
ONEIDA_HERK_LFGE 323681	24.50 0.43 0.00	23.48 0.39 0.00	22.73 0.38 0.00	22.40 0.37 0.00	23.55 0.42 0.00	26.36 0.52 0.00	32.07 0.84 0.00	32.68 0.98 0.00	30.45 0.65 0.00	23.11 0.34 0.00	21.62 0.24 0.00	19.43 0.15 0.00	18.89 0.13 0.00	18.86 0.15 0.00	23.15 0.23 0.00	28.39 0.36 0.00	23.95 0.26 0.00	25.24 0.37 0.00	30.27 0.65 0.00	31.74 0.86 0.00	32.92 1.02 0.00	30.40 0.77 0.00	27.69 0.65 0.00	24.25 0.50 0.00
ONEIDA___115KV_TB4 55905	24.67 0.60 0.00	23.66 0.58 0.00	22.90 0.56 0.00	22.57 0.55 0.00	23.71 0.58 0.00	26.57 0.72 0.00	32.35 1.12 0.00	33.15 1.46 0.00	30.87 1.07 0.00	23.43 0.66 0.00	21.90 0.51 0.00	19.68 0.40 0.00	19.14 0.38 0.00	19.11 0.39 0.00	23.49 0.57 0.00	28.75 0.73 0.00	24.30 0.62 0.00	25.61 0.75 0.00	30.66 1.04 0.00	32.20 1.33 0.00	33.46 1.56 0.00	30.90 1.27 0.00	28.09 1.05 0.00	24.58 0.83 0.00
ONONDAGA_REF_OCCRA 23987	23.90 -0.17 0.00	22.97 -0.12 0.00	22.21 -0.13 0.00	21.94 -0.09 0.00	22.99 -0.14 0.00	25.74 -0.10 0.00	31.23 0.00 0.00	31.79 0.10 0.00	29.77 -0.03 0.00	22.84 0.07 0.00	21.38 0.00 0.00	19.28 0.00 0.00	18.70 -0.06 0.00	18.66 -0.06 0.00	22.87 -0.05 0.00	27.80 -0.22 0.00	23.55 -0.14 0.00	24.76 -0.10 0.00	29.38 -0.24 0.00	30.81 -0.06 0.00	32.02 0.13 0.00	29.60 -0.03 0.00	26.93 -0.11 0.00	23.63 -0.12 0.00
ONONDAGA___COGEN 23986	23.90 -0.17 0.00	22.97 -0.12 0.00	22.19 -0.16 0.00	21.91 -0.11 0.00	22.99 -0.14 0.00	25.72 -0.13 0.00	31.20 -0.03 0.00	31.72 0.03 0.00	29.71 -0.09 0.00	22.82 0.05 0.00	21.36 -0.02 0.00	19.26 -0.02 0.00	18.70 -0.06 0.00	18.64 -0.07 0.00	22.85 -0.07 0.00	27.74 -0.28 0.00	23.50 -0.19 0.00	24.71 -0.15 0.00	29.32 -0.30 0.00	30.75 -0.12 0.00	31.93 0.03 0.00	29.51 -0.12 0.00	26.88 -0.16 0.00	23.58 -0.17 0.00
ONTARIO___LFGE 23819	24.65 0.58 0.00	23.59 0.51 0.00	22.75 0.40 0.00	22.49 0.46 0.00	23.57 0.44 0.00	26.36 0.52 0.00	31.95 0.72 0.00	32.61 0.92 0.00	30.36 0.56 0.00	23.30 0.52 0.00	21.73 0.34 0.00	19.59 0.31 0.00	18.93 0.17 0.00	18.85 0.13 0.00	23.10 0.18 0.00	28.11 0.08 0.00	23.86 0.17 0.00	25.21 0.35 0.00	29.86 0.24 0.00	31.27 0.40 0.00	32.63 0.73 0.00	29.90 0.27 0.00	27.44 0.41 0.00	24.08 0.33 0.00
ORANGEVILLE_WT_PWR 323706	24.29 0.22 0.00	23.27 0.18 0.00	22.39 0.04 0.00	22.24 0.22 0.00	23.20 0.07 0.00	25.69 -0.15 0.00	30.39 -0.84 0.00	31.00 -0.70 0.00	29.26 -0.54 0.00	22.93 0.16 0.00	21.47 0.09 0.00	19.43 0.15 0.00	18.67 -0.09 0.00	18.60 -0.11 0.00	22.62 -0.30 0.00	27.24 -0.78 0.00	23.24 -0.45 0.00	24.54 -0.32 0.00	28.35 -1.27 0.00	29.48 -1.39 0.00	31.07 -0.83 0.00	28.47 -1.16 0.00	26.71 -0.32 0.00	23.68 -0.07 0.00
ORANGEVILLE___ESR 323794	24.29 0.22 0.00	23.27 0.18 0.00	22.39 0.04 0.00	22.24 0.22 0.00	23.20 0.07 0.00	25.69 -0.15 0.00	30.39 -0.84 0.00	31.00 -0.70 0.00	29.26 -0.54 0.00	22.93 0.16 0.00	21.47 0.09 0.00	19.43 0.15 0.00	18.67 -0.09 0.00	18.60 -0.11 0.00	22.62 -0.30 0.00	27.24 -0.78 0.00	23.24 -0.45 0.00	24.54 -0.32 0.00	28.35 -1.27 0.00	29.48 -1.39 0.00	31.07 -0.83 0.00	28.47 -1.16 0.00	26.71 -0.32 0.00	23.68 -0.07 0.00
OSWEGATCHIE___HYD 24044	23.95 -0.12 0.00	22.95 -0.14 0.00	22.21 -0.13 0.00	21.89 -0.13 0.00	23.01 -0.12 0.00	25.77 -0.08 0.00	30.98 -0.25 0.00	31.38 -0.32 0.00	29.50 -0.30 0.00	22.41 -0.37 0.00	20.98 -0.41 0.00	18.86 -0.42 0.00	18.35 -0.41 0.00	18.28 -0.43 0.00	22.28 -0.64 0.00	27.35 -0.67 0.00	23.07 -0.62 0.00	24.37 -0.50 0.00	29.12 -0.50 0.00	30.41 -0.46 0.00	31.52 -0.38 0.00	29.33 -0.30 0.00	26.77 -0.27 0.00	23.58 -0.17 0.00
OSWEGO___5 23606	23.56 -0.51 0.00	22.58 -0.51 0.00	21.81 -0.54 0.00	21.54 -0.48 0.00	22.60 -0.53 0.00	25.25 -0.59 0.00	30.54 -0.69 0.00	31.09 -0.60 0.00	29.14 -0.66 0.00	22.41 -0.37 0.00	21.00 -0.38 0.00	18.93 -0.35 0.00	18.39 -0.38 0.00	18.32 -0.39 0.00	22.44 -0.48 0.00	27.30 -0.73 0.00	23.07 -0.62 0.00	24.24 -0.62 0.00	28.82 -0.80 0.00	30.10 -0.77 0.00	31.23 -0.67 0.00	28.86 -0.77 0.00	26.39 -0.65 0.00	23.18 -0.57 0.00
OSWEGO___6 23613	23.56 -0.51 0.00	22.58 -0.51 0.00	21.81 -0.54 0.00	21.54 -0.48 0.00	22.60 -0.53 0.00	25.25 -0.59 0.00	30.54 -0.69 0.00	31.09 -0.60 0.00	29.14 -0.66 0.00	22.41 -0.37 0.00	21.00 -0.38 0.00	18.93 -0.35 0.00	18.39 -0.38 0.00	18.32 -0.39 0.00	22.44 -0.48 0.00	27.30 -0.73 0.00	23.07 -0.62 0.00	24.24 -0.62 0.00	28.82 -0.80 0.00	30.10 -0.77 0.00	31.23 -0.67 0.00	28.86 -0.77 0.00	26.39 -0.65 0.00	23.18 -0.57 0.00
OUTOKUMPU-AB___DRP 24206	23.66 -0.41 0.00	23.20 0.12 0.00	22.32 -0.02 0.00	22.20 0.18 0.00	23.04 -0.09 0.00	25.61 -0.23 0.00	30.20 -1.03 0.00	30.71 -0.98 0.00	29.08 -0.72 0.00	22.84 0.07 0.00	21.36 -0.02 0.00	19.32 0.04 0.00	18.55 -0.21 0.00	18.49 -0.22 0.00	22.48 -0.44 0.00	26.43 -1.60 0.00	23.10 -0.59 0.00	24.37 -0.50 0.00	28.08 -1.54 0.00	29.30 -1.57 0.00	30.91 -0.99 0.00	28.86 -0.77 0.00	26.55 -0.49 0.00	23.53 -0.21 0.00



OXBOW___BTM 323836	23.88 -0.19 0.00	22.90 -0.19 0.00	22.01 -0.33 0.00	21.87 -0.15 0.00	22.81 -0.32 0.00	25.25 -0.59 0.00	29.76 -1.47 0.00	30.33 -1.36 0.00	28.67 -1.13 0.00	22.50 -0.27 0.00	21.06 -0.32 0.00	19.05 -0.23 0.00	18.29 -0.47 0.00	18.23 -0.49 0.00	22.16 -0.76 0.00	26.71 -1.32 0.00	22.74 -0.95 0.00	23.99 -0.87 0.00	27.66 -1.96 0.00	28.77 -2.10 0.00	30.37 -1.53 0.00	27.82 -1.81 0.00	26.15 -0.89 0.00	23.20 -0.55 0.00
OXBOW____ 24026	23.32 -0.75 0.00	22.90 -0.18 0.00	22.01 -0.34 0.00	21.91 -0.11 0.00	22.71 -0.42 0.00	25.25 -0.59 0.00	29.73 -1.50 0.00	30.23 -1.46 0.00	28.61 -1.19 0.00	22.50 -0.27 0.00	21.06 -0.32 0.00	19.05 -0.23 0.00	18.29 -0.47 0.00	18.23 -0.49 0.00	22.16 -0.76 0.00	26.06 -1.96 0.00	22.76 -0.92 0.00	23.99 -0.87 0.00	27.64 -1.98 0.00	28.83 -2.04 0.00	30.40 -1.50 0.00	28.41 -1.21 0.00	26.15 -0.89 0.00	23.20 -0.55 0.00
OXY_CHEM_DSASP 323612	22.96 -1.11 0.00	22.56 -0.53 0.00	21.70 -0.65 0.00	21.63 -0.40 0.00	22.39 -0.74 0.00	24.89 -0.96 0.00	29.23 -2.00 0.00	29.70 -2.00 0.00	28.13 -1.67 0.00	22.16 -0.61 0.00	20.74 -0.64 0.00	18.76 -0.52 0.00	18.01 -0.75 0.00	17.97 -0.75 0.00	21.82 -1.10 0.00	25.61 -2.41 0.00	22.39 -1.30 0.00	23.60 -1.27 0.00	27.16 -2.46 0.00	28.31 -2.56 0.00	29.86 -2.04 0.00	27.94 -1.69 0.00	25.74 -1.30 0.00	22.85 -0.90 0.00
OZONE_PARK_ESR 323760	25.59 1.52 0.00	24.47 1.39 0.00	23.69 1.34 0.00	23.28 1.26 0.00	24.49 1.36 0.00	27.35 1.50 0.00	38.42 2.37 -4.81	44.23 2.57 -9.97	39.23 2.21 -7.22	38.23 1.39 -14.07	35.64 1.39 -12.87	35.63 1.25 -15.09	35.61 1.24 -15.61	35.59 1.25 -15.62	35.46 1.51 -11.03	35.22 2.02 -5.18	35.34 1.75 -9.90	35.18 1.79 -8.52	37.86 2.22 -6.01	40.01 2.65 -6.49	43.08 2.65 -8.53	34.63 2.22 -2.78	28.93 1.89 0.00	26.31 1.64 -0.92
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	22.96 -1.11 0.00	22.56 -0.53 0.00	21.70 -0.65 0.00	21.63 -0.40 0.00	22.39 -0.74 0.00	24.89 -0.96 0.00	29.23 -2.00 0.00	29.70 -2.00 0.00	28.13 -1.67 0.00	22.16 -0.61 0.00	20.74 -0.64 0.00	18.76 -0.52 0.00	18.01 -0.75 0.00	17.97 -0.75 0.00	21.82 -1.10 0.00	25.61 -2.41 0.00	22.39 -1.30 0.00	23.60 -1.27 0.00	27.16 -2.46 0.00	28.31 -2.56 0.00	29.86 -2.04 0.00	27.94 -1.69 0.00	25.74 -1.30 0.00	22.85 -0.90 0.00
PACKARD__115KV_DUPONT_184 80571	22.96 -1.11 0.00	22.56 -0.53 0.00	21.70 -0.65 0.00	21.63 -0.40 0.00	22.39 -0.74 0.00	24.89 -0.96 0.00	29.23 -2.00 0.00	29.70 -2.00 0.00	28.13 -1.67 0.00	22.16 -0.61 0.00	20.74 -0.64 0.00	18.76 -0.52 0.00	18.01 -0.75 0.00	17.97 -0.75 0.00	21.82 -1.10 0.00	25.61 -2.41 0.00	22.39 -1.30 0.00	23.60 -1.27 0.00	27.16 -2.46 0.00	28.31 -2.56 0.00	29.86 -2.04 0.00	27.94 -1.69 0.00	25.74 -1.30 0.00	22.85 -0.90 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	25.54 1.47 0.00	24.43 1.34 0.00	23.66 1.32 0.00	23.26 1.23 0.00	24.45 1.32 0.00	27.27 1.42 0.00	33.03 1.62 -0.17	33.86 1.81 -0.36	31.58 1.52 -0.26	24.15 0.87 -0.52	22.80 0.94 -0.47	20.68 0.85 -0.55	20.18 0.84 -0.57	20.15 0.86 -0.57	24.37 1.05 -0.40	29.72 1.51 -0.18	25.33 1.28 -0.36	26.49 1.32 -0.31	31.41 1.57 -0.22	33.05 1.94 -0.23	34.09 1.88 -0.31	31.35 1.63 -0.10	28.47 1.43 0.00	24.99 1.21 -0.03
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	25.68 1.61 0.00	24.56 1.48 0.00	23.84 1.50 0.00	23.43 1.41 0.00	24.66 1.53 0.00	27.45 1.60 0.00	33.28 1.87 -0.17	34.08 2.03 -0.36	31.76 1.70 -0.26	24.27 0.98 -0.52	22.88 1.03 -0.47	20.74 0.91 -0.55	20.23 0.90 -0.57	20.19 0.90 -0.57	24.42 1.10 -0.40	29.75 1.54 -0.18	25.38 1.33 -0.36	26.52 1.34 -0.31	31.46 1.63 -0.22	33.14 2.04 -0.23	34.18 1.98 -0.31	31.41 1.69 -0.10	28.55 1.51 0.00	25.03 1.26 -0.03
PATROON__115KV_TB1 80586	24.26 0.19 0.00	23.20 0.12 0.00	22.52 0.18 0.00	22.16 0.13 0.00	23.31 0.19 0.00	26.08 0.23 0.00	31.73 0.50 0.00	32.26 0.57 0.00	30.07 0.27 0.00	22.70 -0.07 0.00	21.32 -0.06 0.00	19.26 -0.02 0.00	18.89 0.13 0.00	18.86 0.15 0.00	23.17 0.25 0.00	28.59 0.56 0.00	24.04 0.36 0.00	25.14 0.27 0.00	30.15 0.53 0.00	31.71 0.83 0.00	32.69 0.80 0.00	30.13 0.50 0.00	27.39 0.35 0.00	24.06 0.31 0.00
PATTRSNVILLE__SOLAR 323815	24.82 0.75 0.00	23.82 0.74 0.00	23.06 0.71 0.00	22.71 0.68 0.00	23.92 0.79 0.00	26.78 0.93 0.00	32.57 1.34 0.00	33.12 1.43 0.00	30.78 0.98 0.00	23.27 0.50 0.00	21.83 0.45 0.00	19.68 0.41 0.00	19.16 0.39 0.00	19.13 0.41 0.00	23.49 0.57 0.00	28.92 0.90 0.00	24.38 0.69 0.00	25.59 0.72 0.00	30.77 1.15 0.00	32.23 1.36 0.00	33.30 1.40 0.00	30.69 1.07 0.00	27.96 0.92 0.00	24.56 0.81 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	24.41 0.34 0.00	23.89 0.81 0.00	22.97 0.63 0.00	22.79 0.77 0.00	23.73 0.60 0.00	26.34 0.49 0.00	31.26 0.03 0.00	31.72 0.03 0.00	29.98 0.18 0.00	23.46 0.68 0.00	21.96 0.58 0.00	19.86 0.58 0.00	19.10 0.34 0.00	19.03 0.32 0.00	23.17 0.25 0.00	27.32 -0.70 0.00	23.83 0.14 0.00	25.21 0.35 0.00	29.15 -0.47 0.00	30.38 -0.49 0.00	31.96 0.06 0.00	29.87 0.24 0.00	27.39 0.35 0.00	24.34 0.59 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	25.35 1.28 0.00	24.22 1.13 0.00	23.46 1.12 0.00	23.10 1.08 0.00	24.31 1.18 0.00	27.19 1.34 0.00	33.42 2.19 0.00	33.97 2.28 0.00	31.62 1.82 0.00	23.73 0.96 0.00	22.35 0.96 0.00	20.11 0.83 0.00	19.53 0.77 0.00	19.52 0.80 0.00	23.95 1.03 0.00	29.59 1.57 0.00	24.97 1.28 0.00	26.13 1.27 0.00	31.34 1.72 0.00	33.13 2.25 0.00	34.10 2.20 0.00	31.47 1.84 0.00	28.47 1.43 0.00	24.96 1.21 0.00
PEEKSKILL____ 23653	25.11 1.03 0.00	24.08 0.99 0.00	23.33 0.98 0.00	22.95 0.92 0.00	24.10 0.97 0.00	26.93 1.09 0.00	33.01 1.78 0.00	33.69 2.00 0.00	31.26 1.46 0.00	23.73 0.96 0.00	22.37 0.98 0.00	20.15 0.87 0.00	19.62 0.86 0.00	19.59 0.88 0.00	23.97 1.05 0.00	29.40 1.37 0.00	24.99 1.30 0.00	26.18 1.32 0.00	31.43 1.81 0.00	32.94 2.07 0.00	33.91 2.01 0.00	31.29 1.66 0.00	28.42 1.38 0.00	24.96 1.21 0.00
PGE MADISON__WINDPWR 24146	26.50 2.43 0.00	25.35 2.26 0.00	24.51 2.17 0.00	24.20 2.18 0.00	25.42 2.29 0.00	28.51 2.66 0.00	35.01 3.78 0.00	37.11 5.42 0.00	33.88 4.08 0.00	25.44 2.66 0.00	23.37 1.99 0.00	20.78 1.50 0.00	20.13 1.37 0.00	20.08 1.37 0.00	24.96 2.04 0.00	30.97 2.94 0.00	25.28 1.59 0.00	26.80 1.94 0.00	32.23 2.61 0.00	33.93 3.06 0.00	35.37 3.48 0.00	32.41 2.78 0.00	29.55 2.51 0.00	25.81 2.07 0.00
PIERCEFIELD__HYD 23852	23.88 -0.19 0.00	22.90 -0.18 0.00	22.14 -0.20 0.00	21.85 -0.18 0.00	22.94 -0.19 0.00	25.69 -0.16 0.00	30.54 -0.69 0.00	30.93 -0.76 0.00	29.26 -0.54 0.00	22.34 -0.43 0.00	20.98 -0.41 0.00	18.86 -0.42 0.00	18.37 -0.39 0.00	18.28 -0.43 0.00	22.18 -0.73 0.00	27.27 -0.76 0.00	22.98 -0.71 0.00	24.22 -0.65 0.00	28.88 -0.74 0.00	29.85 -1.02 0.00	30.78 -1.12 0.00	28.77 -0.86 0.00	26.44 -0.59 0.00	23.44 -0.31 0.00



PINELAWN_CC_1 323563	26.44 2.33 -0.03	25.35 2.26 0.00	24.22 1.88 0.00	24.05 2.02 0.00	25.07 1.94 0.00	28.55 2.69 -0.01	33.30 1.78 -0.29	34.13 2.22 -0.22	31.05 1.25 0.00	24.55 1.78 0.00	23.69 2.24 -0.06	21.38 2.06 -0.04	20.83 1.99 -0.08	20.25 1.53 0.00	24.77 1.86 0.00	30.21 2.19 0.00	26.44 2.75 -0.01	27.98 2.71 -0.41	33.26 3.35 -0.29	35.02 3.30 -0.85	35.23 3.00 -0.34	33.42 3.55 -0.23	30.06 2.97 -0.05	26.42 2.66 -0.01
PJM_GEN_HTP_PROXY 323702	25.30 1.23 0.00	24.26 1.18 0.00	23.51 1.16 0.00	23.12 1.10 0.00	24.71 1.16 -0.43	27.94 1.29 -0.80	36.82 2.06 -3.53	43.83 2.28 -9.85	38.67 1.73 -7.14	37.86 1.18 -13.91	35.28 1.18 -12.72	35.26 1.06 -14.92	35.24 1.05 -15.43	35.22 1.07 -15.44	35.10 1.28 -10.90	34.80 1.65 -5.12	34.99 1.52 -9.79	34.86 1.57 -8.42	37.64 2.07 -5.95	39.63 2.35 -6.41	42.42 2.30 -8.23	34.51 1.92 -2.96	28.67 1.62 -0.01	26.11 1.45 -0.91
PJM_GEN_KEystone 24065	24.70 0.62 0.00	23.69 0.60 0.00	22.88 0.54 0.00	22.59 0.57 0.00	24.09 0.53 -0.43	27.09 0.44 -0.80	30.90 0.56 0.89	33.15 0.76 -0.70	30.78 0.48 -0.51	24.26 0.50 -0.98	22.76 0.47 -0.90	20.78 0.44 -1.06	20.21 0.36 -1.09	20.16 0.35 -1.09	24.99 0.37 -1.71	27.65 0.20 0.57	24.78 0.40 -0.69	25.98 0.52 -0.60	30.46 0.41 -0.42	31.79 0.46 -0.45	32.86 0.57 -0.39	30.39 0.36 -0.40	27.61 0.57 0.00	24.41 0.59 -0.06
PJM_GEN_NEPTUNE_PROXY 323594	26.16 2.09 0.01	25.09 2.01 0.00	23.93 1.59 0.00	23.81 1.78 0.00	25.20 1.64 -0.43	29.03 2.38 -0.81	31.50 1.50 1.23	33.63 1.93 0.00	30.75 0.95 0.00	24.27 1.50 0.00	23.42 2.03 -0.01	21.18 1.91 0.01	20.59 1.84 0.01	20.08 1.37 0.00	24.55 1.63 0.00	29.90 1.88 0.00	26.11 2.42 -0.01	27.28 2.39 -0.03	32.64 3.02 0.00	33.84 2.96 0.00	34.33 2.65 0.21	33.04 3.20 -0.21	29.69 2.65 -0.01	26.15 2.40 -0.01
PJM_GEN_VFT_PROXY 323633	25.23 1.16 0.00	24.22 1.13 0.00	23.46 1.12 0.00	23.08 1.06 0.00	24.62 1.06 -0.43	27.86 1.22 -0.80	36.78 1.97 -3.58	43.85 2.19 -9.97	38.72 1.70 -7.22	37.98 1.14 -14.07	35.41 1.15 -12.87	35.41 1.04 -15.09	35.40 1.03 -15.61	35.39 1.05 -15.62	35.21 1.26 -11.03	34.80 1.60 -5.18	35.08 1.49 -9.90	34.93 1.54 -8.52	37.68 2.04 -6.01	39.64 2.28 -6.49	42.45 2.23 -8.32	34.49 1.87 -2.99	28.64 1.59 -0.01	26.05 1.38 -0.92
PLATSBURG_115KV_PMLD1 355749	24.91 0.84 0.00	23.89 0.81 0.00	23.04 0.69 0.00	22.68 0.66 0.00	23.78 0.65 0.00	26.54 0.70 0.00	31.07 -0.16 0.00	31.60 0.30 0.00	30.10 0.30 0.00	23.64 0.87 0.00	22.35 0.96 0.00	20.11 0.83 0.00	19.57 0.81 0.00	19.43 0.71 0.00	23.63 0.71 0.00	28.98 0.95 0.00	24.52 0.83 0.00	25.86 0.99 0.00	30.60 0.98 0.00	31.52 0.65 0.00	32.22 0.32 0.00	30.04 0.41 0.00	27.39 0.35 0.00	24.08 0.33 0.00
PLEASANTVLY__LBMP 24000	24.94 0.87 0.00	23.82 0.74 0.00	23.11 0.76 0.00	22.71 0.68 0.00	23.89 0.76 0.00	26.67 0.83 0.00	32.64 1.41 0.00	33.25 1.55 0.00	31.02 1.22 0.00	23.43 0.66 0.00	22.09 0.71 0.00	19.93 0.66 0.00	19.42 0.66 0.00	19.39 0.67 0.00	23.72 0.80 0.00	29.23 1.21 0.00	24.68 0.99 0.00	25.86 0.99 0.00	30.89 1.27 0.00	32.54 1.67 0.00	33.49 1.59 0.00	30.90 1.27 0.00	28.09 1.05 0.00	24.65 0.90 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	25.18 1.11 0.00	24.06 0.97 0.00	23.31 0.96 0.00	22.93 0.90 0.00	24.12 0.99 0.00	26.93 1.09 0.00	33.01 1.78 0.00	33.63 1.93 0.00	31.41 1.61 0.00	23.71 0.93 0.00	22.35 0.96 0.00	20.15 0.87 0.00	19.62 0.86 0.00	19.59 0.88 0.00	24.00 1.08 0.00	29.54 1.51 0.00	24.99 1.30 0.00	26.16 1.29 0.00	31.25 1.63 0.00	32.91 2.04 0.00	33.87 1.98 0.00	31.29 1.66 0.00	28.39 1.35 0.00	24.94 1.19 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	25.18 1.11 0.00	24.06 0.97 0.00	23.31 0.96 0.00	22.93 0.90 0.00	24.12 0.99 0.00	26.93 1.09 0.00	33.01 1.78 0.00	33.63 1.93 0.00	31.41 1.61 0.00	23.71 0.93 0.00	22.35 0.96 0.00	20.15 0.87 0.00	19.62 0.86 0.00	19.59 0.88 0.00	24.00 1.08 0.00	29.54 1.51 0.00	24.99 1.30 0.00	26.16 1.29 0.00	31.25 1.63 0.00	32.91 2.04 0.00	33.87 1.98 0.00	31.29 1.66 0.00	28.39 1.35 0.00	24.94 1.19 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	25.32 1.25 0.00	24.19 1.11 0.00	23.46 1.12 0.00	23.08 1.06 0.00	24.31 1.18 0.00	27.19 1.34 0.00	33.35 2.12 0.00	33.85 2.16 0.00	31.53 1.73 0.00	23.66 0.89 0.00	22.26 0.88 0.00	20.03 0.75 0.00	19.47 0.71 0.00	19.44 0.73 0.00	23.95 1.03 0.00	29.51 1.49 0.00	24.90 1.21 0.00	26.11 1.24 0.00	31.28 1.66 0.00	33.00 2.13 0.00	33.97 2.07 0.00	31.38 1.75 0.00	28.42 1.38 0.00	24.91 1.16 0.00
POLETTI____ 23519	25.35 1.28 0.00	24.24 1.15 0.00	23.49 1.14 0.00	23.08 1.06 0.00	24.26 1.13 0.00	27.09 1.24 0.00	38.07 2.03 -4.81	43.85 2.19 -9.97	38.87 1.85 -7.22	37.98 1.14 -14.07	35.41 1.15 -12.87	35.41 1.04 -15.09	35.40 1.03 -15.61	35.39 1.05 -15.62	35.21 1.26 -11.03	34.92 1.71 -5.18	35.08 1.49 -9.90	34.90 1.52 -8.52	37.50 1.87 -6.01	39.64 2.28 -6.49	42.66 2.23 -8.53	34.28 1.87 -2.78	28.63 1.60 0.00	26.07 1.40 -0.92
POMONA__ESR 323819	25.04 0.96 0.00	23.99 0.90 0.00	23.26 0.92 0.00	22.88 0.86 0.00	24.03 0.90 0.00	26.83 0.98 0.00	32.82 1.59 0.00	33.53 1.84 0.00	31.14 1.34 0.00	23.64 0.87 0.00	22.26 0.88 0.00	20.07 0.79 0.00	19.53 0.77 0.00	19.50 0.79 0.00	23.88 0.96 0.00	29.23 1.20 0.00	24.83 1.14 0.00	26.06 1.19 0.00	31.25 1.63 0.00	32.72 1.85 0.00	33.68 1.79 0.00	31.11 1.48 0.00	28.28 1.24 0.00	24.84 1.09 0.00
PORT_JEFF_3 23555	27.32 2.43 -0.82	25.59 2.38 -0.12	24.45 2.10 0.00	24.18 2.16 0.00	25.30 2.17 0.00	28.82 2.84 -0.13	41.67 1.81 -8.63	40.39 2.25 -6.44	31.29 1.49 0.00	24.75 1.98 0.00	24.82 2.37 -1.06	22.36 2.16 -0.93	22.63 2.08 -1.78	20.52 1.68 -0.12	24.96 2.04 0.00	30.44 2.41 0.00	26.68 2.98 -0.01	35.41 2.83 -7.71	41.66 3.35 -8.69	59.32 3.27 -25.18	45.01 2.97 -10.15	40.21 3.61 -6.97	30.97 3.08 -0.85	26.66 2.78 -0.13
PORT_JEFF_4 23616	27.32 2.43 -0.82	25.59 2.38 -0.12	24.45 2.10 0.00	24.18 2.16 0.00	25.30 2.17 0.00	28.82 2.84 -0.13	41.67 1.81 -8.63	40.39 2.25 -6.44	31.29 1.49 0.00	24.75 1.98 0.00	24.82 2.37 -1.06	22.36 2.16 -0.93	22.63 2.08 -1.78	20.52 1.68 -0.12	24.96 2.04 0.00	30.44 2.41 0.00	26.68 2.98 -0.01	35.41 2.83 -7.71	41.66 3.35 -8.69	59.32 3.27 -25.18	45.01 2.97 -10.15	40.21 3.61 -6.97	30.97 3.08 -0.85	26.66 2.78 -0.13
PORT_JEFF_IC 23713	27.60 2.67 -0.86	25.62 2.40 -0.13	24.45 2.10 0.00	23.98 1.96 0.00	25.33 2.20 0.00	28.85 2.87 -0.13	42.08 1.84 -9.01	40.64 2.22 -6.73	32.93 3.13 0.00	24.78 2.00 0.00	24.89 2.40 -1.11	22.42 2.18 -0.97	22.75 2.12 -1.87	20.55 1.70 -0.13	24.98 2.06 0.00	31.58 3.56 0.00	26.70 3.01 0.00	35.78 2.86 -8.06	41.00 2.31 -9.07	60.24 3.09 -26.29	45.36 2.87 -10.60	39.06 2.16 -7.27	31.06 3.14 -0.89	26.68 2.80 -0.13



PPL PILGRIM_ST_GT1 24216	26.54 2.41 -0.06	25.45 2.36 -0.01	24.42 2.08 0.00	24.16 2.14 0.00	25.28 2.15 0.00	28.71 2.84 -0.02	33.61 1.75 -0.64	34.35 2.19 -0.48	31.26 1.46 0.00	24.73 1.96 0.00	23.81 2.33 -0.10	21.47 2.12 -0.07	20.95 2.05 -0.15	20.39 1.67 -0.01	24.96 2.04 0.00	30.41 2.38 0.00	26.66 2.96 -0.01	28.38 2.81 -0.71	33.64 3.38 -0.64	36.03 3.30 -1.86	35.64 3.00 -0.75	33.73 3.58 -0.51	30.17 3.05 -0.08	26.52 2.75 -0.02
PPL PILGRIM_ST_GT2 24217	26.54 2.41 -0.06	25.45 2.36 -0.01	24.42 2.08 0.00	24.16 2.14 0.00	25.28 2.15 0.00	28.71 2.84 -0.02	33.61 1.75 -0.64	34.35 2.19 -0.48	31.26 1.46 0.00	24.73 1.96 0.00	23.81 2.33 -0.10	21.47 2.12 -0.07	20.95 2.05 -0.15	20.39 1.67 -0.01	24.96 2.04 0.00	30.41 2.38 0.00	26.66 2.96 -0.01	28.38 2.81 -0.71	33.64 3.38 -0.64	36.03 3.30 -1.86	35.64 3.00 -0.75	33.73 3.58 -0.51	30.17 3.05 -0.08	26.52 2.75 -0.02
PPL_SHRM_GT3 24213	27.26 2.38 -0.81	25.54 2.33 -0.12	24.42 2.08 0.00	24.14 2.11 0.00	25.26 2.13 0.00	28.74 2.77 -0.13	41.30 1.59 -8.48	40.08 2.06 -6.33	31.14 1.34 0.00	24.64 1.87 0.00	24.76 2.33 -1.05	22.35 2.16 -0.91	22.60 2.08 -1.75	20.54 1.70 -0.12	24.82 1.90 0.00	30.29 2.27 0.00	26.56 2.87 -0.01	35.07 2.63 -7.58	41.36 3.20 -8.54	58.69 3.09 -24.74	44.64 2.77 -9.97	39.88 3.41 -6.84	30.84 2.97 -0.83	26.58 2.71 -0.13
PPL_SHRM_GT4 24214	27.26 2.38 -0.81	25.54 2.33 -0.12	24.42 2.08 0.00	24.14 2.11 0.00	25.26 2.13 0.00	28.74 2.77 -0.13	41.30 1.59 -8.48	40.08 2.06 -6.33	31.14 1.34 0.00	24.64 1.87 0.00	24.76 2.33 -1.05	22.35 2.16 -0.91	22.60 2.08 -1.75	20.54 1.70 -0.12	24.82 1.90 0.00	30.29 2.27 0.00	26.56 2.87 -0.01	35.07 2.63 -7.58	41.36 3.20 -8.54	58.69 3.09 -24.74	44.64 2.77 -9.97	39.88 3.41 -6.84	30.84 2.97 -0.83	26.58 2.71 -0.13
PROJECT___ORANGE 1 24174	23.78 -0.29 0.00	22.86 -0.23 0.00	22.08 -0.27 0.00	21.82 -0.20 0.00	22.88 -0.25 0.00	25.59 -0.26 0.00	31.01 -0.22 0.00	31.53 -0.16 0.00	29.56 -0.24 0.00	22.70 -0.07 0.00	21.28 -0.11 0.00	19.18 -0.10 0.00	18.63 -0.13 0.00	18.56 -0.15 0.00	22.76 -0.16 0.00	27.60 -0.42 0.00	23.38 -0.31 0.00	24.59 -0.27 0.00	29.15 -0.47 0.00	30.53 -0.34 0.00	31.74 -0.16 0.00	29.36 -0.27 0.00	26.74 -0.30 0.00	23.46 -0.28 0.00
PROJECT___ORANGE 2 24166	23.78 -0.29 0.00	22.86 -0.23 0.00	22.08 -0.27 0.00	21.82 -0.20 0.00	22.88 -0.25 0.00	25.59 -0.26 0.00	31.01 -0.22 0.00	31.53 -0.16 0.00	29.56 -0.24 0.00	22.70 -0.07 0.00	21.28 -0.11 0.00	19.18 -0.10 0.00	18.63 -0.13 0.00	18.56 -0.15 0.00	22.76 -0.16 0.00	27.60 -0.42 0.00	23.38 -0.31 0.00	24.59 -0.27 0.00	29.15 -0.47 0.00	30.53 -0.34 0.00	31.74 -0.16 0.00	29.36 -0.27 0.00	26.74 -0.30 0.00	23.46 -0.28 0.00
PUCKETT___SOLAR 323809	25.06 0.99 0.00	23.99 0.90 0.00	23.17 0.83 0.00	22.88 0.86 0.00	24.01 0.88 0.00	26.83 0.98 0.00	32.60 1.37 0.00	37.05 5.36 0.00	33.79 3.99 0.00	25.25 2.48 0.00	23.18 1.80 0.00	20.61 1.33 0.00	19.96 1.20 0.00	19.91 1.20 0.00	24.86 1.95 0.00	31.11 3.08 0.00	24.23 0.55 0.00	25.59 0.72 0.00	30.51 0.89 0.00	31.95 1.08 0.00	33.17 1.28 0.00	30.58 0.95 0.00	27.96 0.92 0.00	24.56 0.81 0.00
PYRITES___HYD 24023	24.26 0.19 0.00	23.27 0.18 0.00	22.50 0.16 0.00	22.20 0.18 0.00	23.34 0.21 0.00	26.16 0.31 0.00	31.26 0.03 0.00	31.69 0.00 0.00	29.92 0.12 0.00	22.84 0.07 0.00	21.38 0.00 0.00	19.20 -0.08 0.00	18.70 -0.06 0.00	18.62 -0.09 0.00	22.64 -0.28 0.00	27.83 -0.20 0.00	23.43 -0.26 0.00	24.69 -0.17 0.00	29.50 -0.12 0.00	30.50 -0.37 0.00	31.51 -0.38 0.00	29.45 -0.18 0.00	26.98 -0.05 0.00	23.84 0.09 0.00
QUAKERRD_115KV_BK1 80622	23.08 -0.99 0.00	22.37 -0.72 0.00	21.56 -0.78 0.00	21.34 -0.68 0.00	22.32 -0.81 0.00	24.92 -0.93 0.00	29.89 -1.34 0.00	30.49 -1.20 0.00	28.70 -1.10 0.00	22.18 -0.59 0.00	20.76 -0.62 0.00	18.70 -0.58 0.00	18.07 -0.69 0.00	17.98 -0.73 0.00	21.96 -0.96 0.00	26.37 -1.65 0.00	22.60 -1.09 0.00	23.79 -1.07 0.00	27.96 -1.66 0.00	29.27 -1.61 0.00	30.65 -1.24 0.00	28.41 -1.21 0.00	25.98 -1.05 0.00	22.85 -0.90 0.00
QUENSBRY_115KV_TB8 356137	24.67 0.60 0.00	23.64 0.55 0.00	22.88 0.54 0.00	22.53 0.51 0.00	23.80 0.67 0.00	26.70 0.85 0.00	32.64 1.41 0.00	33.25 1.55 0.00	30.78 0.98 0.00	23.07 0.30 0.00	21.53 0.15 0.00	19.41 0.13 0.00	18.91 0.15 0.00	18.85 0.13 0.00	23.31 0.39 0.00	29.06 1.04 0.00	24.19 0.50 0.00	25.39 0.52 0.00	30.66 1.04 0.00	32.26 1.39 0.00	33.36 1.47 0.00	30.64 1.01 0.00	27.82 0.78 0.00	24.34 0.59 0.00
RAMAPO___LBMP 323565	25.01 0.94 0.00	23.92 0.83 0.00	23.17 0.83 0.00	22.79 0.77 0.00	23.99 0.86 0.00	26.72 0.88 0.00	32.73 1.50 0.00	33.34 1.65 0.00	31.17 1.37 0.00	23.55 0.77 0.00	22.20 0.81 0.00	20.01 0.73 0.00	19.47 0.71 0.00	19.44 0.73 0.00	23.79 0.87 0.00	29.20 1.18 0.00	24.73 1.04 0.00	25.96 1.09 0.00	30.98 1.36 0.00	32.60 1.73 0.00	33.52 1.63 0.00	31.02 1.39 0.00	28.20 1.16 0.00	24.75 1.00 0.00
RANKINE____ 23646	24.02 -0.05 0.00	23.55 0.46 0.00	22.66 0.31 0.00	22.49 0.46 0.00	23.38 0.25 0.00	25.98 0.13 0.00	30.73 -0.50 0.00	31.22 -0.48 0.00	29.53 -0.27 0.00	23.18 0.41 0.00	21.68 0.30 0.00	19.63 0.35 0.00	18.85 0.09 0.00	18.79 0.07 0.00	22.85 -0.07 0.00	26.90 -1.12 0.00	23.48 -0.21 0.00	24.81 -0.05 0.00	28.61 -1.01 0.00	29.85 -1.02 0.00	31.45 -0.45 0.00	29.39 -0.24 0.00	26.98 -0.05 0.00	23.94 0.19 0.00
RAVENSWOOD_GT2_1 24244	25.37 1.30 0.00	24.26 1.18 0.00	23.51 1.16 0.00	23.10 1.08 0.00	24.29 1.16 0.00	27.11 1.27 0.00	38.09 2.00 -4.86	43.94 2.19 -10.06	38.94 1.85 -7.29	38.11 1.14 -14.20	35.53 1.15 -12.99	35.55 1.04 -15.23	35.55 1.03 -15.76	35.53 1.05 -15.77	35.31 1.26 -11.13	34.99 1.74 -5.23	35.17 1.49 -9.99	34.98 1.52 -8.60	37.56 1.87 -6.07	39.71 2.28 -6.55	42.74 2.23 -8.61	34.34 1.90 -2.81	28.63 1.60 0.00	26.08 1.40 -0.93
RAVENSWOOD_GT2_2 24245	25.37 1.30 0.00	24.26 1.18 0.00	23.51 1.16 0.00	23.10 1.08 0.00	24.29 1.16 0.00	27.11 1.27 0.00	38.09 2.00 -4.86	43.94 2.19 -10.06	38.94 1.85 -7.29	38.11 1.14 -14.20	35.53 1.15 -12.99	35.55 1.04 -15.23	35.55 1.03 -15.76	35.53 1.05 -15.77	35.31 1.26 -11.13	34.99 1.74 -5.23	35.17 1.49 -9.99	34.98 1.52 -8.60	37.56 1.87 -6.07	39.71 2.28 -6.55	42.74 2.23 -8.61	34.34 1.90 -2.81	28.63 1.60 0.00	26.08 1.40 -0.93
RAVENSWOOD_GT2_3 24246	25.37 1.30 0.00	24.26 1.18 0.00	23.51 1.16 0.00	23.10 1.08 0.00	24.31 1.18 0.00	27.14 1.29 0.00	38.12 2.03 -4.86	43.94 2.19 -10.06	38.97 1.88 -7.29	38.11 1.14 -14.20	35.55 1.18 -12.99	35.57 1.06 -15.23	35.55 1.03 -15.76	35.53 1.05 -15.77	35.33 1.28 -11.13	34.99 1.74 -5.23	35.17 1.49 -9.99	35.01 1.54 -8.60	37.59 1.90 -6.07	39.74 2.32 -6.55	42.77 2.26 -8.61	34.34 1.90 -2.81	28.66 1.62 0.00	26.08 1.40 -0.93



RAVENSWOOD_GT2_4 24247	25.37 1.30 0.00	24.26 1.18 0.00	23.51 1.16 0.00	23.10 1.08 0.00	24.31 1.18 0.00	27.14 1.29 0.00	38.12 2.03 -4.86	43.94 2.19 -10.06	38.97 1.88 -7.29	38.11 1.14 -14.20	35.55 1.18 -12.99	35.57 1.06 -15.23	35.55 1.03 -15.76	35.53 1.05 -15.77	35.33 1.28 -11.13	34.99 1.74 -5.23	35.17 1.49 -9.99	35.01 1.54 -8.60	37.59 1.90 -6.07	39.74 2.32 -6.55	42.77 2.26 -8.61	34.34 1.90 -2.81	28.66 1.62 0.00	26.08 1.40 -0.93
RAVENSWOOD_GT3_1 24248	25.37 1.30 0.00	24.26 1.18 0.00	23.51 1.16 0.00	23.10 1.08 0.00	24.29 1.16 0.00	27.11 1.27 0.00	38.12 2.03 -4.86	43.94 2.19 -10.06	38.94 1.85 -7.29	38.11 1.14 -14.20	35.53 1.15 -12.99	35.55 1.04 -15.23	35.55 1.03 -15.76	35.53 1.05 -15.77	35.31 1.26 -11.13	34.99 1.74 -5.23	35.17 1.49 -9.99	35.01 1.54 -8.60	37.56 1.87 -6.07	39.71 2.28 -6.55	42.74 2.23 -8.61	34.34 1.90 -2.81	28.63 1.60 0.00	26.08 1.40 -0.93
RAVENSWOOD_GT3_2 24249	25.37 1.30 0.00	24.26 1.18 0.00	23.51 1.16 0.00	23.10 1.08 0.00	24.29 1.16 0.00	27.11 1.27 0.00	38.12 2.03 -4.86	43.94 2.19 -10.06	38.94 1.85 -7.29	38.11 1.14 -14.20	35.53 1.15 -12.99	35.55 1.04 -15.23	35.55 1.03 -15.76	35.53 1.05 -15.77	35.31 1.26 -11.13	34.99 1.74 -5.23	35.17 1.49 -9.99	35.01 1.54 -8.60	37.56 1.87 -6.07	39.71 2.28 -6.55	42.74 2.23 -8.61	34.34 1.90 -2.81	28.63 1.60 0.00	26.08 1.40 -0.93
RAVENSWOOD_GT3_3 24250	25.40 1.32 0.00	24.29 1.20 0.00	23.53 1.18 0.00	23.12 1.10 0.00	24.31 1.18 0.00	27.14 1.29 0.00	38.15 2.06 -4.86	43.97 2.22 -10.06	39.00 1.91 -7.29	38.13 1.16 -14.20	35.57 1.20 -12.99	35.59 1.08 -15.23	35.57 1.05 -15.76	35.55 1.07 -15.77	35.36 1.31 -11.13	35.02 1.77 -5.23	35.20 1.52 -9.99	35.03 1.57 -8.60	37.62 1.93 -6.07	39.77 2.35 -6.55	42.81 2.30 -8.61	34.36 1.93 -2.81	28.69 1.65 0.00	26.11 1.42 -0.93
RAVENSWOOD_GT3_4 24251	25.40 1.32 0.00	24.29 1.20 0.00	23.53 1.18 0.00	23.12 1.10 0.00	24.31 1.18 0.00	27.14 1.29 0.00	38.15 2.06 -4.86	43.97 2.22 -10.06	39.00 1.91 -7.29	38.13 1.16 -14.20	35.57 1.20 -12.99	35.59 1.08 -15.23	35.57 1.05 -15.76	35.55 1.07 -15.77	35.36 1.31 -11.13	35.02 1.77 -5.23	35.20 1.52 -9.99	35.03 1.57 -8.60	37.62 1.93 -6.07	39.77 2.35 -6.55	42.81 2.30 -8.61	34.36 1.93 -2.81	28.69 1.65 0.00	26.11 1.42 -0.93
RAVENSWOOD_GT_1 23729	25.47 1.40 0.00	24.33 1.25 0.00	23.57 1.23 0.00	23.17 1.15 0.00	24.36 1.23 0.00	27.19 1.34 0.00	37.96 1.87 -4.86	43.82 2.06 -10.06	38.85 1.76 -7.29	38.04 1.07 -14.20	35.51 1.13 -12.99	35.54 1.02 -15.23	35.51 0.99 -15.76	35.50 1.01 -15.77	35.29 1.24 -11.13	34.97 1.71 -5.23	35.15 1.47 -9.99	34.98 1.52 -8.60	37.50 1.81 -6.07	39.61 2.19 -6.55	42.65 2.14 -8.61	34.31 1.87 -2.81	28.63 1.60 0.00	26.08 1.40 -0.93
RAVENSWOOD_GT_10 24258	25.37 1.30 0.00	24.26 1.18 0.00	23.51 1.16 0.00	23.10 1.08 0.00	24.29 1.16 0.00	27.11 1.27 0.00	38.12 2.03 -4.86	43.94 2.19 -10.06	38.97 1.88 -7.29	38.11 1.14 -14.20	35.55 1.18 -12.99	35.55 1.04 -15.23	35.55 1.03 -15.76	35.53 1.05 -15.77	35.31 1.26 -11.13	34.99 1.74 -5.23	35.17 1.49 -9.99	35.01 1.54 -8.60	37.59 1.90 -6.07	39.71 2.28 -6.55	42.74 2.23 -8.61	34.34 1.90 -2.81	28.66 1.62 0.00	26.08 1.40 -0.93
RAVENSWOOD_GT_11 24259	25.37 1.30 0.00	24.26 1.18 0.00	23.51 1.16 0.00	23.10 1.08 0.00	24.29 1.16 0.00	27.11 1.27 0.00	38.12 2.03 -4.86	43.94 2.19 -10.06	38.97 1.88 -7.29	38.11 1.14 -14.20	35.55 1.18 -12.99	35.55 1.04 -15.23	35.55 1.03 -15.76	35.53 1.05 -15.77	35.31 1.26 -11.13	34.99 1.74 -5.23	35.17 1.49 -9.99	35.01 1.54 -8.60	37.59 1.90 -6.07	39.71 2.28 -6.55	42.74 2.23 -8.61	34.34 1.90 -2.81	28.66 1.62 0.00	26.08 1.40 -0.93
RAVENSWOOD_GT_4 24252	25.37 1.30 0.00	24.24 1.15 0.00	23.49 1.14 0.00	23.08 1.06 0.00	24.29 1.16 0.00	27.11 1.27 0.00	38.15 2.06 -4.86	43.97 2.22 -10.06	39.00 1.91 -7.29	38.13 1.16 -14.20	35.55 1.18 -12.99	35.57 1.06 -15.23	35.57 1.05 -15.76	35.55 1.07 -15.77	35.33 1.28 -11.13	35.02 1.77 -5.23	35.20 1.52 -9.99	35.01 1.54 -8.60	37.59 1.90 -6.07	39.74 2.32 -6.55	42.77 2.26 -8.61	34.36 1.93 -2.81	28.66 1.62 0.00	26.11 1.42 -0.93
RAVENSWOOD_GT_5 24254	25.37 1.30 0.00	24.24 1.15 0.00	23.49 1.14 0.00	23.08 1.06 0.00	24.29 1.16 0.00	27.11 1.27 0.00	38.15 2.06 -4.86	43.97 2.22 -10.06	39.00 1.91 -7.29	38.13 1.16 -14.20	35.55 1.18 -12.99	35.57 1.06 -15.23	35.57 1.05 -15.76	35.55 1.07 -15.77	35.33 1.28 -11.13	35.02 1.77 -5.23	35.20 1.52 -9.99	35.01 1.54 -8.60	37.59 1.90 -6.07	39.74 2.32 -6.55	42.77 2.26 -8.61	34.36 1.93 -2.81	28.66 1.62 0.00	26.11 1.42 -0.93
RAVENSWOOD_GT_6 24253	25.37 1.30 0.00	24.24 1.15 0.00	23.49 1.14 0.00	23.08 1.06 0.00	24.29 1.16 0.00	27.11 1.27 0.00	38.15 2.06 -4.86	43.97 2.22 -10.06	39.00 1.91 -7.29	38.13 1.16 -14.20	35.55 1.18 -12.99	35.57 1.06 -15.23	35.57 1.05 -15.76	35.55 1.07 -15.77	35.33 1.28 -11.13	35.02 1.77 -5.23	35.20 1.52 -9.99	35.01 1.54 -8.60	37.59 1.90 -6.07	39.74 2.32 -6.55	42.77 2.26 -8.61	34.36 1.93 -2.81	28.66 1.62 0.00	26.11 1.42 -0.93
RAVENSWOOD_GT_7 24255	25.37 1.30 0.00	24.24 1.15 0.00	23.49 1.14 0.00	23.08 1.06 0.00	24.29 1.16 0.00	27.11 1.27 0.00	38.15 2.06 -4.86	43.97 2.22 -10.06	39.00 1.91 -7.29	38.13 1.16 -14.20	35.55 1.18 -12.99	35.57 1.06 -15.23	35.57 1.05 -15.76	35.55 1.07 -15.77	35.33 1.28 -11.13	35.02 1.77 -5.23	35.20 1.52 -9.99	35.01 1.54 -8.60	37.59 1.90 -6.07	39.74 2.32 -6.55	42.77 2.26 -8.61	34.36 1.93 -2.81	28.66 1.62 0.00	26.11 1.42 -0.93
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	25.37 1.30 0.00	24.26 1.18 0.00	23.51 1.16 0.00	23.10 1.08 0.00	24.29 1.16 0.00	27.11 1.27 0.00	38.12 2.03 -4.86	43.94 2.19 -10.06	38.97 1.88 -7.29	38.11 1.14 -14.20	35.55 1.18 -12.99	35.55 1.04 -15.23	35.55 1.03 -15.76	35.53 1.05 -15.77	35.31 1.26 -11.13	34.99 1.74 -5.23	35.17 1.49 -9.99	35.01 1.54 -8.60	37.59 1.90 -6.07	39.71 2.28 -6.55	42.74 2.23 -8.61	34.34 1.90 -2.81	28.66 1.62 0.00	26.08 1.40 -0.93
RAVENSWOOD_GT_9 24257	25.37 1.30 0.00	24.26 1.18 0.00	23.51 1.16 0.00	23.10 1.08 0.00	24.29 1.16 0.00	27.11 1.27 0.00	38.12 2.03 -4.86	43.94 2.19 -10.06	38.97 1.88 -7.29	38.11 1.14 -14.20	35.55 1.18 -12.99	35.55 1.04 -15.23	35.55 1.03 -15.76	35.53 1.05 -15.77	35.31 1.26 -11.13	34.99 1.74 -5.23	35.17 1.49 -9.99	35.01 1.54 -8.60	37.59 1.90 -6.07	39.71 2.28 -6.55	42.74 2.23 -8.61	34.34 1.90 -2.81	28.66 1.62 0.00	26.08 1.40 -0.93
RAVENSWOOD____1 23533	25.37 1.30 0.00	24.31 1.22 0.00	23.55 1.21 0.00	23.17 1.14 0.00	24.33 1.20 0.00	27.16 1.32 0.00	37.93 1.84 -4.86	43.85 2.09 -10.06	38.67 1.58 -7.29	38.02 1.05 -14.20	35.48 1.11 -12.99	35.52 1.00 -15.23	35.51 0.99 -15.76	35.49 1.01 -15.77	35.26 1.21 -11.13	34.82 1.57 -5.23	35.15 1.47 -9.99	34.96 1.49 -8.60	37.65 1.95 -6.07	39.61 2.19 -6.55	42.65 2.14 -8.61	34.28 1.84 -2.81	28.64 1.59 -0.01	26.06 1.38 -0.93



RAVENSWOOD___2 23534	25.35 1.27 0.00	24.31 1.22 0.00	23.55 1.21 0.00	23.17 1.14 0.00	24.31 1.18 0.00	27.16 1.32 0.00	37.93 1.84 -4.86	43.85 2.09 -10.06	38.64 1.55 -7.29	38.02 1.05 -14.20	35.48 1.11 -12.99	35.50 0.98 -15.23	35.49 0.97 -15.76	35.48 0.99 -15.77	35.26 1.21 -11.13	34.82 1.57 -5.23	35.13 1.45 -9.99	34.96 1.49 -8.60	37.65 1.95 -6.07	39.61 2.19 -6.55	42.61 2.10 -8.61	34.28 1.84 -2.81	28.61 1.57 -0.01	26.06 1.38 -0.93
RAVENSWOOD___3 23535	25.30 1.23 0.00	24.26 1.18 0.00	23.51 1.16 0.00	23.12 1.10 0.00	24.26 1.13 0.00	27.11 1.27 0.00	38.09 2.00 -4.86	44.01 2.25 -10.06	38.79 1.70 -7.29	38.11 1.14 -14.20	35.53 1.15 -12.99	35.55 1.04 -15.23	35.55 1.03 -15.76	35.53 1.05 -15.77	35.31 1.26 -11.13	34.88 1.62 -5.23	35.17 1.49 -9.99	35.01 1.54 -8.60	37.73 2.04 -6.07	39.74 2.32 -6.55	42.77 2.26 -8.61	34.34 1.90 -2.81	28.64 1.59 -0.01	26.08 1.40 -0.93
RAVENSWOOD___4 23820	25.35 1.27 0.00	24.31 1.22 0.00	23.53 1.18 0.00	23.15 1.12 0.00	24.31 1.18 0.00	27.14 1.29 0.00	37.93 1.84 -4.86	43.85 2.09 -10.06	38.64 1.55 -7.29	38.02 1.05 -14.20	35.46 1.09 -12.99	35.50 0.98 -15.23	35.49 0.97 -15.76	35.48 0.99 -15.77	35.26 1.21 -11.13	34.82 1.57 -5.23	35.13 1.45 -9.99	34.93 1.47 -8.60	37.65 1.95 -6.07	39.61 2.19 -6.55	42.61 2.10 -8.61	34.28 1.84 -2.81	28.61 1.57 -0.01	26.03 1.35 -0.93
RCPI_TRUST___DRP 24196	25.42 1.35 0.00	24.31 1.22 0.00	23.53 1.18 0.00	23.15 1.12 0.00	24.33 1.20 0.00	27.16 1.32 0.00	38.15 2.15 -4.77	43.88 2.31 -9.87	38.92 1.97 -7.15	37.91 1.21 -13.93	35.37 1.24 -12.74	35.32 1.10 -14.94	35.31 1.09 -15.46	35.29 1.10 -15.47	35.17 1.33 -10.92	34.98 1.82 -5.13	35.05 1.56 -9.80	34.89 1.59 -8.44	37.53 1.95 -5.96	39.67 2.38 -6.42	42.71 2.36 -8.45	34.37 1.99 -2.76	28.71 1.68 0.00	26.14 1.47 -0.91
RED___ROCHESTER 323720	24.12 0.05 0.00	23.09 0.00 0.00	22.23 -0.11 0.00	22.02 0.00 0.00	23.04 -0.09 0.00	25.67 -0.18 0.00	30.70 -0.53 0.00	31.38 -0.32 0.00	29.50 -0.30 0.00	22.86 0.09 0.00	21.38 0.00 0.00	19.28 0.00 0.00	18.57 -0.19 0.00	18.49 -0.22 0.00	22.55 -0.37 0.00	27.38 -0.64 0.00	23.21 -0.47 0.00	24.46 -0.40 0.00	28.64 -0.98 0.00	29.95 -0.93 0.00	31.48 -0.42 0.00	28.86 -0.77 0.00	26.77 -0.27 0.00	23.53 -0.21 0.00
REGAN___SOLAR 323812	26.55 2.48 0.00	25.51 2.42 0.00	24.63 2.28 0.00	24.27 2.25 0.00	25.67 2.54 0.00	28.89 3.05 0.00	35.38 4.15 0.00	35.94 4.25 0.00	33.05 3.25 0.00	24.46 1.69 0.00	22.75 1.37 0.00	20.40 1.12 0.00	19.81 1.05 0.00	19.72 1.01 0.00	24.43 1.51 0.00	30.38 2.35 0.00	25.49 1.80 0.00	27.03 2.16 0.00	32.88 3.67 0.00	34.54 3.99 0.00	35.88 3.23 0.00	32.86 3.23 0.00	29.93 2.89 0.00	26.24 2.49 0.00
RENSSELAER___COGEN 23796	24.07 0.00 0.00	23.13 0.05 0.00	22.46 0.11 0.00	22.07 0.04 0.00	23.22 0.09 0.00	25.98 0.13 0.00	31.57 0.34 0.00	32.14 0.44 0.00	29.89 0.09 0.00	22.64 -0.14 0.00	21.28 -0.11 0.00	19.22 -0.06 0.00	18.86 0.09 0.00	18.83 0.11 0.00	23.10 0.18 0.00	28.39 0.36 0.00	23.95 0.26 0.00	25.04 0.18 0.00	30.12 0.50 0.00	31.58 0.71 0.00	32.53 0.64 0.00	29.99 0.36 0.00	27.25 0.22 0.00	23.94 0.19 0.00
REPUBLIC_115KV_BARTNBRK 55605	25.35 1.28 0.00	24.31 1.22 0.00	23.49 1.14 0.00	23.15 1.12 0.00	24.54 1.41 0.00	27.60 1.76 0.00	33.85 2.62 0.00	34.58 2.88 0.00	31.83 2.03 0.00	23.64 0.87 0.00	21.90 0.51 0.00	19.72 0.44 0.00	19.19 0.43 0.00	19.09 0.37 0.00	23.79 0.87 0.00	30.10 2.07 0.00	24.78 1.09 0.00	26.06 1.19 0.00	31.60 1.98 0.00	33.34 2.47 0.00	34.64 2.74 0.00	31.64 2.01 0.00	28.66 1.62 0.00	25.01 1.26 0.00
REVERE_CPPR_DRP 24186	24.84 0.77 0.00	23.82 0.74 0.00	23.06 0.72 0.00	22.73 0.70 0.00	23.87 0.74 0.00	26.78 0.93 0.00	32.64 1.41 0.00	33.37 1.68 0.00	31.02 1.22 0.00	23.52 0.75 0.00	21.96 0.58 0.00	19.72 0.44 0.00	19.17 0.41 0.00	19.14 0.43 0.00	23.54 0.62 0.00	28.87 0.84 0.00	24.38 0.69 0.00	25.71 0.85 0.00	30.83 1.21 0.00	32.38 1.51 0.00	33.68 1.79 0.00	31.11 1.48 0.00	28.25 1.22 0.00	24.72 0.97 0.00
REYNOLDS_115KV_TB3 80639	24.31 0.24 0.00	23.27 0.18 0.00	22.59 0.25 0.00	22.22 0.20 0.00	23.38 0.25 0.00	26.13 0.28 0.00	31.79 0.56 0.00	32.29 0.60 0.00	30.10 0.30 0.00	22.75 -0.02 0.00	21.38 0.00 0.00	19.34 0.06 0.00	18.93 0.17 0.00	18.90 0.19 0.00	23.19 0.28 0.00	28.61 0.59 0.00	24.04 0.36 0.00	25.11 0.25 0.00	30.15 0.53 0.00	31.71 0.83 0.00	32.66 0.77 0.00	30.10 0.47 0.00	27.36 0.32 0.00	24.03 0.28 0.00
RIVERBAY____ 323610	25.68 1.61 0.00	24.56 1.48 0.00	23.84 1.50 0.00	23.43 1.41 0.00	24.66 1.53 0.00	27.45 1.60 0.00	33.28 1.87 -0.17	34.08 2.03 -0.36	31.76 1.70 -0.26	24.27 0.98 -0.52	22.88 1.03 -0.47	20.74 0.91 -0.55	20.23 0.90 -0.57	20.19 0.90 -0.57	24.42 1.10 -0.40	29.75 1.54 -0.18	25.38 1.33 -0.36	26.52 1.34 -0.31	31.46 1.63 -0.22	33.14 2.04 -0.23	34.18 1.98 -0.31	31.41 1.69 -0.10	28.55 1.51 0.00	25.03 1.26 -0.03
RIVERSDE_115KV_TB3 55908	24.26 0.19 0.00	23.20 0.12 0.00	22.52 0.18 0.00	22.16 0.13 0.00	23.31 0.19 0.00	26.05 0.21 0.00	31.70 0.47 0.00	32.23 0.54 0.00	30.04 0.24 0.00	22.70 -0.07 0.00	21.34 -0.04 0.00	19.28 0.00 0.00	18.89 0.13 0.00	18.88 0.17 0.00	23.17 0.25 0.00	28.56 0.53 0.00	24.02 0.33 0.00	25.09 0.22 0.00	30.12 0.50 0.00	31.67 0.80 0.00	32.63 0.73 0.00	30.07 0.44 0.00	27.33 0.30 0.00	24.01 0.26 0.00
ROARING___BROOK_WT_PWR 323790	24.02 -0.05 0.00	23.04 -0.05 0.00	22.30 -0.04 0.00	21.98 -0.04 0.00	23.08 -0.05 0.00	25.79 -0.05 0.00	31.04 -0.19 0.00	31.41 -0.29 0.00	29.71 -0.09 0.00	22.73 -0.05 0.00	21.34 -0.04 0.00	19.24 -0.04 0.00	18.72 -0.04 0.00	18.68 -0.04 0.00	22.85 -0.07 0.00	27.97 -0.06 0.00	23.64 -0.05 0.00	24.81 -0.05 0.00	29.50 -0.12 0.00	30.66 -0.21 0.00	31.64 -0.26 0.00	29.51 -0.12 0.00	26.90 -0.13 0.00	23.63 -0.12 0.00
ROCHESRG_115KV_T4 355643	23.54 -0.53 0.00	22.90 -0.18 0.00	22.06 -0.29 0.00	21.85 -0.18 0.00	22.81 -0.32 0.00	25.43 -0.41 0.00	30.36 -0.87 0.00	30.93 -0.76 0.00	29.17 -0.63 0.00	22.64 -0.14 0.00	21.19 -0.19 0.00	19.11 -0.17 0.00	18.42 -0.34 0.00	18.34 -0.37 0.00	22.39 -0.53 0.00	26.74 -1.29 0.00	23.03 -0.66 0.00	24.24 -0.62 0.00	28.35 -1.27 0.00	29.67 -1.20 0.00	31.13 -0.77 0.00	28.92 -0.71 0.00	26.50 -0.54 0.00	23.32 -0.43 0.00
ROCHESTER_9_IC 23652	23.66 -0.41 0.00	22.99 -0.09 0.00	22.14 -0.20 0.00	21.96 -0.07 0.00	22.90 -0.23 0.00	25.56 -0.28 0.00	30.54 -0.69 0.00	31.12 -0.57 0.00	29.35 -0.45 0.00	22.77 0.00 0.00	21.30 -0.09 0.00	19.20 -0.08 0.00	18.50 -0.26 0.00	18.42 -0.30 0.00	22.48 -0.44 0.00	26.85 -1.18 0.00	23.14 -0.54 0.00	24.37 -0.50 0.00	28.49 -1.13 0.00	29.85 -1.02 0.00	31.32 -0.57 0.00	29.10 -0.53 0.00	26.63 -0.41 0.00	23.44 -0.31 0.00



ROCKVIEW_13_KV_LD 356306	25.30 1.23 0.00	24.17 1.09 0.00	23.42 1.07 0.00	23.01 0.99 0.00	24.22 1.09 0.00	27.06 1.21 0.00	33.20 1.97 0.00	33.85 2.16 0.00	31.62 1.82 0.00	23.87 1.09 0.00	22.50 1.11 0.00	20.26 0.98 0.00	19.74 0.98 0.00	19.71 0.99 0.00	24.13 1.21 0.00	29.71 1.68 0.00	25.13 1.44 0.00	26.33 1.47 0.00	31.46 1.84 0.00	33.13 2.25 0.00	34.10 2.20 0.00	31.47 1.84 0.00	28.58 1.54 0.00	25.10 1.35 0.00
ROME____115KV_TB2 80656	24.84 0.77 0.00	23.82 0.74 0.00	23.06 0.72 0.00	22.73 0.70 0.00	23.87 0.74 0.00	26.78 0.93 0.00	32.64 1.41 0.00	33.37 1.68 0.00	31.02 1.22 0.00	23.52 0.75 0.00	21.96 0.58 0.00	19.72 0.44 0.00	19.17 0.41 0.00	19.14 0.43 0.00	23.54 0.62 0.00	28.87 0.84 0.00	24.38 0.69 0.00	25.71 0.85 0.00	30.83 1.21 0.00	32.38 1.51 0.00	33.68 1.79 0.00	31.11 1.48 0.00	28.25 1.22 0.00	24.72 0.97 0.00
ROSETON___1 23587	24.86 0.79 0.00	23.85 0.76 0.00	23.11 0.76 0.00	22.73 0.70 0.00	23.89 0.76 0.00	26.70 0.85 0.00	32.60 1.37 0.00	33.28 1.58 0.00	30.90 1.10 0.00	23.45 0.68 0.00	22.09 0.70 0.00	19.94 0.66 0.00	19.42 0.66 0.00	19.39 0.67 0.00	23.72 0.80 0.00	29.09 1.06 0.00	24.68 0.99 0.00	25.86 1.00 0.00	31.04 1.42 0.00	32.54 1.67 0.00	33.49 1.59 0.00	30.90 1.27 0.00	28.09 1.05 0.00	24.67 0.93 0.00
ROSETON___2 23588	24.86 0.79 0.00	23.85 0.76 0.00	23.11 0.76 0.00	22.73 0.70 0.00	23.89 0.76 0.00	26.70 0.85 0.00	32.60 1.37 0.00	33.28 1.58 0.00	30.90 1.10 0.00	23.45 0.68 0.00	22.09 0.70 0.00	19.94 0.66 0.00	19.42 0.66 0.00	19.39 0.67 0.00	23.72 0.80 0.00	29.09 1.06 0.00	24.68 0.99 0.00	25.86 1.00 0.00	31.04 1.42 0.00	32.54 1.67 0.00	33.49 1.59 0.00	30.90 1.27 0.00	28.09 1.05 0.00	24.67 0.93 0.00
ROTTDAM_115KV_TB3 80664	24.58 0.51 0.00	23.55 0.46 0.00	22.81 0.47 0.00	22.44 0.42 0.00	23.64 0.51 0.00	26.41 0.57 0.00	32.14 0.91 0.00	32.68 0.98 0.00	30.48 0.69 0.00	23.09 0.32 0.00	21.66 0.28 0.00	19.55 0.27 0.00	19.04 0.28 0.00	19.00 0.28 0.00	23.33 0.41 0.00	28.73 0.70 0.00	24.19 0.50 0.00	25.36 0.50 0.00	30.36 0.74 0.00	31.86 0.99 0.00	32.89 0.99 0.00	30.37 0.74 0.00	27.63 0.59 0.00	24.27 0.52 0.00
RUSSELL___1 23602	23.76 -0.31 0.00	23.09 0.00 0.00	22.23 -0.11 0.00	22.02 0.00 0.00	22.99 -0.14 0.00	25.67 -0.18 0.00	30.67 -0.56 0.00	31.28 -0.41 0.00	29.50 -0.30 0.00	22.86 0.09 0.00	21.38 0.00 0.00	19.28 0.00 0.00	18.57 -0.19 0.00	18.49 -0.22 0.00	22.55 -0.37 0.00	26.96 -1.06 0.00	23.21 -0.47 0.00	24.47 -0.40 0.00	28.61 -1.01 0.00	29.98 0.00 0.00	31.48 -0.41 0.00	29.24 -0.39 0.00	26.77 -0.27 0.00	23.53 -0.21 0.00
RUSSELL___2 23532	23.76 -0.31 0.00	23.09 0.00 0.00	22.23 -0.11 0.00	22.02 0.00 0.00	22.99 -0.14 0.00	25.67 -0.18 0.00	30.67 -0.56 0.00	31.28 -0.41 0.00	29.50 -0.30 0.00	22.86 0.09 0.00	21.38 0.00 0.00	19.28 0.00 0.00	18.57 -0.19 0.00	18.49 -0.22 0.00	22.55 -0.37 0.00	26.96 -1.06 0.00	23.21 -0.47 0.00	24.47 -0.40 0.00	28.61 -1.01 0.00	29.98 -0.90 0.00	31.48 -0.41 0.00	29.24 -0.39 0.00	26.77 -0.27 0.00	23.53 -0.21 0.00
RUSSELL___3 23549	23.76 -0.31 0.00	23.09 0.00 0.00	22.23 -0.11 0.00	22.02 0.00 0.00	22.99 -0.14 0.00	25.67 -0.18 0.00	30.67 -0.56 0.00	31.28 -0.41 0.00	29.50 -0.30 0.00	22.86 0.09 0.00	21.38 0.00 0.00	19.28 0.00 0.00	18.57 -0.19 0.00	18.49 -0.22 0.00	22.55 -0.37 0.00	26.96 -1.06 0.00	23.21 -0.47 0.00	24.47 -0.40 0.00	28.61 -1.01 0.00	29.98 -0.90 0.00	31.48 -0.41 0.00	29.24 -0.39 0.00	26.77 -0.27 0.00	23.53 -0.21 0.00
RUSSELL___4 23556	23.76 -0.31 0.00	23.09 0.00 0.00	22.23 -0.11 0.00	22.02 0.00 0.00	22.99 -0.14 0.00	25.67 -0.18 0.00	30.67 -0.56 0.00	31.28 -0.41 0.00	29.50 -0.30 0.00	22.86 0.09 0.00	21.38 0.00 0.00	19.28 0.00 0.00	18.57 -0.19 0.00	18.49 -0.22 0.00	22.55 -0.37 0.00	26.96 -1.06 0.00	23.21 -0.47 0.00	24.47 -0.40 0.00	28.61 -1.01 0.00	29.98 -0.90 0.00	31.48 -0.41 0.00	29.24 -0.39 0.00	26.77 -0.27 0.00	23.53 -0.21 0.00
RUSSELL___STATION 23914	23.76 -0.31 0.00	23.09 0.00 0.00	22.23 -0.11 0.00	22.02 0.00 0.00	22.99 -0.14 0.00	25.67 -0.18 0.00	30.67 -0.56 0.00	31.28 -0.41 0.00	29.50 -0.30 0.00	22.86 0.09 0.00	21.38 0.00 0.00	19.28 0.00 0.00	18.57 -0.19 0.00	18.49 -0.22 0.00	22.55 -0.37 0.00	26.96 -1.06 0.00	23.21 -0.47 0.00	24.47 -0.40 0.00	28.61 -1.01 0.00	29.98 -0.90 0.00	31.48 -0.41 0.00	29.24 -0.39 0.00	26.77 -0.27 0.00	23.53 -0.21 0.00
S SALMON___HYD 24043	23.81 -0.26 0.00	22.79 -0.30 0.00	22.03 -0.31 0.00	21.76 -0.26 0.00	22.83 -0.30 0.00	25.51 -0.34 0.00	30.98 -0.25 0.00	31.44 -0.25 0.00	29.32 -0.48 0.00	22.48 -0.30 0.00	21.04 -0.34 0.00	18.95 -0.33 0.00	18.39 -0.38 0.00	18.34 -0.37 0.00	22.48 -0.44 0.00	27.35 -0.67 0.00	23.07 -0.62 0.00	24.32 -0.55 0.00	29.03 -0.59 0.00	30.44 -0.43 0.00	31.71 -0.19 0.00	29.28 -0.35 0.00	26.71 -0.32 0.00	23.42 -0.33 0.00
S.PERRY__115KV_TB1 80734	25.08 1.01 0.00	24.29 1.20 0.00	23.35 1.01 0.00	23.10 1.08 0.00	24.19 1.06 0.00	27.06 1.21 0.00	32.67 1.44 0.00	33.25 1.55 0.00	30.87 1.07 0.00	23.59 0.82 0.00	21.98 0.60 0.00	19.80 0.52 0.00	19.10 0.34 0.00	19.00 0.28 0.00	23.26 0.34 0.00	28.00 -0.03 0.00	24.09 0.40 0.00	25.51 0.65 0.00	30.15 0.53 0.00	31.83 0.96 0.00	33.46 1.56 0.00	30.90 1.27 0.00	28.12 1.08 0.00	24.67 0.93 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	23.69 -0.39 0.00	23.22 0.14 0.00	22.35 0.00 0.00	22.20 0.18 0.00	23.06 -0.07 0.00	25.61 -0.23 0.00	30.23 -1.00 0.00	30.71 -0.98 0.00	29.08 -0.72 0.00	22.84 0.07 0.00	21.38 0.00 0.00	19.34 0.06 0.00	18.57 -0.19 0.00	18.51 -0.21 0.00	22.51 -0.41 0.00	26.48 -1.54 0.00	23.12 -0.57 0.00	24.39 -0.47 0.00	28.14 -1.48 0.00	29.33 -1.54 0.00	30.91 -0.99 0.00	28.92 -0.71 0.00	26.58 -0.46 0.00	23.58 -0.17 0.00
SAWYER___23_KV_LOAD 55526	23.69 -0.39 0.00	23.22 0.14 0.00	22.35 0.00 0.00	22.20 0.18 0.00	23.06 -0.07 0.00	25.61 -0.23 0.00	30.23 -1.00 0.00	30.71 -0.98 0.00	29.08 -0.72 0.00	22.84 0.07 0.00	21.38 0.00 0.00	19.34 0.06 0.00	18.57 -0.19 0.00	18.51 -0.21 0.00	22.51 -0.41 0.00	26.48 -1.54 0.00	23.12 -0.57 0.00	24.39 -0.47 0.00	28.14 -1.48 0.00	29.33 -1.54 0.00	30.91 -0.99 0.00	28.92 -0.71 0.00	26.58 -0.46 0.00	23.58 -0.17 0.00
SELKIRK___I 23801	24.36 0.29 0.00	23.39 0.30 0.00	22.68 0.34 0.00	22.33 0.31 0.00	23.50 0.37 0.00	26.26 0.41 0.00	31.95 0.72 0.00	32.45 0.76 0.00	30.16 0.36 0.00	22.80 0.02 0.00	21.34 -0.04 0.00	19.26 -0.02 0.00	18.82 0.06 0.00	18.79 0.08 0.00	23.10 0.18 0.00	28.53 0.50 0.00	24.00 0.31 0.00	25.14 0.27 0.00	30.27 0.65 0.00	31.71 0.83 0.00	32.72 0.83 0.00	30.16 0.53 0.00	27.50 0.46 0.00	24.15 0.40 0.00



SELKIRK___II 23799	24.24 0.17 0.00	23.27 0.18 0.00	22.57 0.22 0.00	22.22 0.20 0.00	23.36 0.23 0.00	26.10 0.26 0.00	31.76 0.53 0.00	32.33 0.63 0.00	30.10 0.30 0.00	22.82 0.05 0.00	21.43 0.04 0.00	19.36 0.08 0.00	18.91 0.15 0.00	18.88 0.17 0.00	23.17 0.25 0.00	28.47 0.45 0.00	24.02 0.33 0.00	25.14 0.27 0.00	30.21 0.59 0.00	31.64 0.77 0.00	32.63 0.73 0.00	30.10 0.47 0.00	27.39 0.35 0.00	24.06 0.31 0.00
SENECA OSWGO___HYD 24041	23.61 -0.46 0.00	22.60 -0.49 0.00	21.83 -0.51 0.00	21.56 -0.46 0.00	22.62 -0.51 0.00	25.30 -0.54 0.00	30.67 -0.56 0.00	31.22 -0.47 0.00	29.20 -0.60 0.00	22.45 -0.32 0.00	21.02 -0.36 0.00	18.95 -0.33 0.00	18.40 -0.36 0.00	18.34 -0.37 0.00	22.48 -0.44 0.00	27.35 -0.67 0.00	23.10 -0.59 0.00	24.29 -0.57 0.00	28.85 -0.77 0.00	30.22 -0.65 0.00	31.38 -0.51 0.00	28.92 -0.71 0.00	26.44 -0.59 0.00	23.20 -0.55 0.00
SENECA___115KV_TB3 355854	24.07 0.00 0.00	23.59 0.51 0.00	22.68 0.34 0.00	22.53 0.51 0.00	23.43 0.30 0.00	26.03 0.18 0.00	30.76 -0.47 0.00	31.28 -0.41 0.00	29.59 -0.21 0.00	23.20 0.43 0.00	21.73 0.34 0.00	19.65 0.37 0.00	18.87 0.11 0.00	18.83 0.11 0.00	22.90 -0.02 0.00	26.96 -1.06 0.00	23.52 -0.17 0.00	24.84 -0.02 0.00	28.67 -0.95 0.00	29.88 -0.99 0.00	31.48 -0.41 0.00	29.42 -0.21 0.00	27.04 0.00 0.00	23.99 0.24 0.00
SENECA___ENERGY 23797	24.17 0.10 0.00	23.13 0.05 0.00	22.32 -0.02 0.00	22.07 0.04 0.00	23.13 0.00 0.00	25.87 0.03 0.00	31.36 0.13 0.00	32.01 0.32 0.00	29.86 0.06 0.00	22.93 0.16 0.00	21.41 0.02 0.00	19.30 0.02 0.00	18.69 -0.07 0.00	18.62 -0.09 0.00	22.83 -0.09 0.00	27.77 -0.25 0.00	23.52 -0.16 0.00	24.81 -0.05 0.00	29.44 -0.18 0.00	30.81 -0.06 0.00	32.09 0.19 0.00	29.48 -0.15 0.00	27.01 -0.03 0.00	23.70 -0.05 0.00
SHOEMAKER___GT 23640	24.77 0.70 0.00	23.76 0.67 0.00	23.02 0.67 0.00	22.64 0.62 0.00	23.80 0.67 0.00	26.60 0.75 0.00	32.45 1.22 0.00	33.05 1.36 0.00	30.72 0.92 0.00	23.32 0.55 0.00	21.94 0.56 0.00	19.78 0.50 0.00	19.25 0.49 0.00	19.22 0.51 0.00	23.56 0.64 0.00	28.84 0.81 0.00	24.47 0.78 0.00	25.68 0.82 0.00	30.77 1.15 0.00	32.26 1.39 0.00	33.20 1.31 0.00	30.69 1.07 0.00	27.90 0.86 0.00	24.53 0.78 0.00
SHOEMAKR_138KV_BK 111 55601	24.84 0.77 0.00	23.76 0.67 0.00	23.02 0.67 0.00	22.64 0.62 0.00	23.82 0.69 0.00	26.60 0.75 0.00	32.48 1.25 0.00	33.02 1.33 0.00	30.87 1.07 0.00	23.34 0.57 0.00	21.96 0.58 0.00	19.80 0.52 0.00	19.27 0.51 0.00	19.24 0.52 0.00	23.58 0.66 0.00	28.95 0.92 0.00	24.49 0.81 0.00	25.68 0.82 0.00	30.69 1.07 0.00	32.26 1.39 0.00	33.24 1.34 0.00	30.73 1.10 0.00	27.93 0.89 0.00	24.53 0.78 0.00
SHOREHAM_IC_1 23715	27.26 2.38 -0.81	25.54 2.33 -0.12	24.42 2.08 0.00	24.14 2.11 0.00	25.26 2.13 0.00	28.74 2.77 -0.13	41.30 1.59 -8.48	40.08 2.06 -6.33	31.14 1.34 0.00	24.64 1.87 0.00	24.76 2.33 -1.05	22.35 2.16 -0.91	22.60 2.08 -1.75	20.54 1.70 -0.12	24.82 1.90 0.00	30.29 2.27 0.00	26.56 2.87 -0.01	35.07 2.63 -7.58	41.36 3.20 -8.54	58.69 3.09 -24.74	44.64 2.77 -9.97	39.88 3.41 -6.84	30.84 2.97 -0.83	26.58 2.71 -0.13
SHOREHAM_IC_2 23716	27.26 2.38 -0.81	25.54 2.33 -0.12	24.42 2.08 0.00	24.14 2.11 0.00	25.26 2.13 0.00	28.74 2.77 -0.13	41.30 1.59 -8.48	40.08 2.06 -6.33	31.14 1.34 0.00	24.64 1.87 0.00	24.76 2.33 -1.05	22.35 2.16 -0.91	22.60 2.08 -1.75	20.54 1.70 -0.12	24.82 1.90 0.00	30.29 2.27 0.00	26.56 2.87 -0.01	35.07 2.63 -7.58	41.36 3.20 -8.54	58.69 3.09 -24.74	44.64 2.77 -9.97	39.88 3.41 -6.84	30.84 2.97 -0.83	26.58 2.71 -0.13
SISSONVILLE____ 23735	23.88 -0.19 0.00	22.90 -0.18 0.00	22.14 -0.20 0.00	21.85 -0.18 0.00	22.94 -0.19 0.00	25.69 -0.16 0.00	30.54 -0.69 0.00	30.93 -0.76 0.00	29.26 -0.54 0.00	22.34 -0.43 0.00	20.98 -0.41 0.00	18.86 -0.42 0.00	18.37 -0.39 0.00	18.28 -0.43 0.00	22.18 -0.73 0.00	27.27 -0.76 0.00	22.98 -0.71 0.00	24.22 -0.65 0.00	28.88 -0.74 0.00	29.85 -1.02 0.00	30.78 -1.12 0.00	28.77 -0.86 0.00	26.44 -0.59 0.00	23.44 -0.31 0.00
SITHE_IND_GS1 24169	23.37 -0.70 0.00	22.39 -0.69 0.00	21.65 -0.69 0.00	21.38 -0.64 0.00	22.41 -0.72 0.00	25.04 -0.80 0.00	30.29 -0.94 0.00	30.81 -0.89 0.00	28.91 -0.89 0.00	22.27 -0.50 0.00	20.87 -0.51 0.00	18.82 -0.46 0.00	18.27 -0.49 0.00	18.21 -0.50 0.00	22.32 -0.60 0.00	27.10 -0.92 0.00	22.88 -0.81 0.00	24.04 -0.82 0.00	28.58 -1.04 0.00	29.88 -0.99 0.00	30.97 -0.93 0.00	28.62 -1.01 0.00	26.17 -0.87 0.00	22.99 -0.76 0.00
SITHE_IND_GS2 24170	23.37 -0.70 0.00	22.39 -0.69 0.00	21.65 -0.69 0.00	21.38 -0.64 0.00	22.41 -0.72 0.00	25.04 -0.80 0.00	30.29 -0.94 0.00	30.81 -0.89 0.00	28.91 -0.89 0.00	22.27 -0.50 0.00	20.87 -0.51 0.00	18.82 -0.46 0.00	18.27 -0.49 0.00	18.21 -0.50 0.00	22.32 -0.60 0.00	27.10 -0.92 0.00	22.88 -0.81 0.00	24.04 -0.82 0.00	28.58 -1.04 0.00	29.88 -0.99 0.00	30.97 -0.93 0.00	28.62 -1.01 0.00	26.17 -0.87 0.00	22.99 -0.76 0.00
SITHE_IND_GS3 24171	23.37 -0.70 0.00	22.39 -0.69 0.00	21.65 -0.69 0.00	21.38 -0.64 0.00	22.41 -0.72 0.00	25.04 -0.80 0.00	30.29 -0.94 0.00	30.81 -0.89 0.00	28.91 -0.89 0.00	22.27 -0.50 0.00	20.87 -0.51 0.00	18.82 -0.46 0.00	18.27 -0.49 0.00	18.21 -0.50 0.00	22.32 -0.60 0.00	27.10 -0.92 0.00	22.88 -0.81 0.00	24.04 -0.82 0.00	28.58 -1.04 0.00	29.88 -0.99 0.00	30.97 -0.93 0.00	28.62 -1.01 0.00	26.17 -0.87 0.00	22.99 -0.76 0.00
SITHE_IND_GS4 24172	23.37 -0.70 0.00	22.39 -0.69 0.00	21.65 -0.69 0.00	21.38 -0.64 0.00	22.41 -0.72 0.00	25.04 -0.80 0.00	30.29 -0.94 0.00	30.81 -0.89 0.00	28.91 -0.89 0.00	22.27 -0.50 0.00	20.87 -0.51 0.00	18.82 -0.46 0.00	18.27 -0.49 0.00	18.21 -0.50 0.00	22.32 -0.60 0.00	27.10 -0.92 0.00	22.88 -0.81 0.00	24.04 -0.82 0.00	28.58 -1.04 0.00	29.88 -0.99 0.00	30.97 -0.93 0.00	28.62 -1.01 0.00	26.17 -0.87 0.00	22.99 -0.76 0.00
SITHE___BATAVIA 24024	24.46 0.38 0.00	23.41 0.32 0.00	22.50 0.16 0.00	22.37 0.35 0.00	23.34 0.21 0.00	25.95 0.10 0.00	30.82 -0.41 0.00	31.54 -0.16 0.00	29.65 -0.15 0.00	23.07 0.30 0.00	21.54 0.15 0.00	19.42 0.14 0.00	18.63 -0.13 0.00	18.55 -0.17 0.00	22.57 -0.34 0.00	27.30 -0.73 0.00	23.24 -0.45 0.00	24.54 -0.32 0.00	28.52 -1.10 0.00	29.82 -1.05 0.00	31.52 -0.38 0.00	28.83 -0.80 0.00	26.96 -0.08 0.00	23.80 0.05 0.00
SITHE___INDEPEND 23800	23.30 -0.77 0.00	22.39 -0.69 0.00	21.65 -0.69 0.00	21.38 -0.64 0.00	22.41 -0.72 0.00	25.04 -0.80 0.00	30.29 -0.94 0.00	30.81 -0.89 0.00	28.93 -0.86 0.00	22.27 -0.50 0.00	20.87 -0.51 0.00	18.82 -0.46 0.00	18.27 -0.49 0.00	18.21 -0.51 0.00	22.32 -0.60 0.00	27.04 -0.98 0.00	22.88 -0.81 0.00	24.04 -0.82 0.00	28.55 -1.07 0.00	29.88 -0.99 0.00	31.00 -0.89 0.00	28.71 -0.92 0.00	26.17 -0.87 0.00	22.99 -0.76 0.00



SITHE___MASSENA 23902	24.17 0.10 0.00	23.20 0.12 0.00	22.44 0.09 0.00	22.11 0.09 0.00	23.25 0.12 0.00	25.98 0.13 0.00	31.01 -0.22 0.00	31.28 -0.41 0.00	29.83 0.03 0.00	22.80 0.02 0.00	21.43 0.04 0.00	19.28 0.00 0.00	18.78 0.02 0.00	18.70 -0.02 0.00	22.78 -0.14 0.00	27.94 -0.08 0.00	23.62 -0.07 0.00	24.84 -0.02 0.00	29.41 -0.21 0.00	30.50 -0.37 0.00	31.45 -0.45 0.00	29.54 -0.09 0.00	26.96 -0.08 0.00	23.72 -0.02 0.00
SITHE___OGDNSBRG 24021	24.34 0.26 0.00	23.34 0.25 0.00	22.57 0.22 0.00	22.27 0.24 0.00	23.41 0.28 0.00	26.21 0.36 0.00	31.32 0.09 0.00	31.72 0.03 0.00	29.95 0.15 0.00	22.89 0.11 0.00	21.45 0.06 0.00	19.26 -0.02 0.00	18.76 0.00 0.00	18.68 -0.04 0.00	22.73 -0.18 0.00	27.94 -0.08 0.00	23.57 -0.12 0.00	24.84 -0.02 0.00	29.65 0.03 0.00	30.66 -0.22 0.00	31.64 -0.26 0.00	29.60 -0.03 0.00	27.12 0.08 0.00	23.89 0.14 0.00
SITHE___STERLING 23777	24.70 0.62 0.00	23.66 0.58 0.00	22.90 0.56 0.00	22.57 0.55 0.00	23.71 0.58 0.00	26.57 0.72 0.00	32.35 1.12 0.00	33.18 1.49 0.00	30.84 1.04 0.00	23.43 0.66 0.00	21.90 0.51 0.00	19.68 0.41 0.00	19.14 0.38 0.00	19.11 0.39 0.00	23.49 0.57 0.00	28.78 0.76 0.00	24.30 0.61 0.00	25.61 0.75 0.00	30.68 1.06 0.00	32.20 1.33 0.00	33.46 1.56 0.00	30.84 1.22 0.00	28.09 1.05 0.00	24.58 0.83 0.00
SLEIGHT___34_KV_TB1 80719	23.57 -0.51 0.00	22.81 -0.28 0.00	21.97 -0.38 0.00	21.74 -0.29 0.00	22.74 -0.39 0.00	25.46 -0.39 0.00	30.67 -0.56 0.00	31.31 -0.38 0.00	29.38 -0.42 0.00	22.66 -0.11 0.00	21.19 -0.19 0.00	19.11 -0.17 0.00	18.46 -0.30 0.00	18.38 -0.34 0.00	22.48 -0.44 0.00	27.07 -0.95 0.00	23.14 -0.54 0.00	24.34 -0.52 0.00	28.67 -0.95 0.00	30.07 -0.80 0.00	31.45 -0.45 0.00	29.10 -0.53 0.00	26.55 -0.49 0.00	23.30 -0.45 0.00
SOUTH CAIRO___GT 23612	24.75 0.67 0.00	23.69 0.60 0.00	22.99 0.65 0.00	22.62 0.59 0.00	23.89 0.76 0.00	26.80 0.96 0.00	32.82 1.59 0.00	33.15 1.46 0.00	30.63 0.83 0.00	22.82 0.05 0.00	21.30 -0.09 0.00	19.14 -0.13 0.00	18.74 -0.02 0.00	18.68 -0.04 0.00	23.17 0.25 0.00	28.73 0.70 0.00	24.04 0.36 0.00	25.21 0.35 0.00	30.48 0.86 0.00	32.17 1.30 0.00	33.20 1.31 0.00	30.58 0.95 0.00	27.71 0.68 0.00	24.29 0.55 0.00
SOUTH HAMPTN___IC 23720	27.66 2.79 -0.80	25.91 2.70 -0.12	24.78 2.44 0.00	24.51 2.49 0.00	25.67 2.54 0.00	29.26 3.28 -0.13	41.95 2.34 -8.38	40.77 2.82 -6.25	31.83 2.03 0.00	25.12 2.35 0.00	25.18 2.76 -1.03	22.65 2.47 -0.90	22.85 2.36 -1.73	20.75 1.91 -0.12	25.17 2.25 0.00	30.69 2.66 0.00	26.85 3.15 -0.01	35.32 2.98 -7.47	41.70 3.64 -8.44	58.89 3.58 -24.44	45.03 3.29 -9.85	40.21 3.82 -6.76	31.16 3.30 -0.82	26.87 2.99 -0.13
SOUTHDOW___115KV_TB1 355954	25.01 0.94 0.00	24.40 1.32 0.00	23.46 1.12 0.00	23.30 1.28 0.00	24.29 1.16 0.00	26.96 1.11 0.00	32.20 0.97 0.00	32.71 1.01 0.00	30.87 1.07 0.00	24.09 1.32 0.00	22.58 1.20 0.00	20.44 1.16 0.00	19.64 0.88 0.00	19.58 0.86 0.00	23.90 0.99 0.00	28.19 0.17 0.00	24.59 0.90 0.00	26.06 1.19 0.00	30.15 0.53 0.00	31.46 0.59 0.00	33.04 1.15 0.00	30.84 1.21 0.00	28.20 1.16 0.00	24.98 1.23 0.00
SOUTHOLD_69_KV_BK 2 55809	28.14 3.27 -0.80	26.14 2.93 -0.12	24.96 2.61 0.00	24.51 2.49 0.00	25.93 2.80 0.00	29.56 3.59 -0.12	42.45 2.84 -8.37	41.21 3.26 -6.25	33.88 4.08 0.00	25.46 2.69 0.00	25.45 3.04 -1.03	22.86 2.68 -0.90	23.02 2.53 -1.73	20.88 2.04 -0.12	25.30 2.38 0.00	31.95 3.92 0.00	26.93 3.25 0.00	35.47 3.13 -7.47	40.87 2.81 -8.43	58.95 3.64 -24.43	45.16 3.41 -9.85	38.91 2.52 -6.76	31.29 3.43 -0.82	26.98 3.11 -0.12
SOUTHOLD___IC 23719	27.92 3.06 -0.80	26.14 2.93 -0.12	24.98 2.64 0.00	24.73 2.71 0.00	25.90 2.77 0.00	29.57 3.59 -0.13	42.42 2.81 -8.37	41.24 3.30 -6.25	32.27 2.47 0.00	25.41 2.64 0.00	25.45 3.04 -1.03	22.86 2.68 -0.90	23.02 2.53 -1.73	20.88 2.04 -0.12	25.30 2.38 0.00	30.83 2.80 0.00	26.94 3.25 -0.01	35.47 3.13 -7.47	41.90 3.85 -8.43	59.10 3.80 -24.43	45.25 3.51 -9.85	40.39 4.00 -6.76	31.29 3.43 -0.82	26.99 3.11 -0.13
SOUTH_FORK_WT_PWR 323839	27.92 3.06 -0.80	26.14 2.93 -0.12	24.96 2.61 0.00	24.73 2.71 0.00	25.93 2.80 0.00	29.59 3.62 -0.13	42.51 2.90 -8.37	41.34 3.39 -6.25	32.36 2.56 0.00	25.48 2.71 0.00	25.52 3.10 -1.03	22.90 2.72 -0.90	23.02 2.53 -1.73	20.84 2.00 -0.12	25.26 2.34 0.00	30.72 2.69 0.00	26.80 3.10 -0.01	35.32 2.98 -7.47	41.73 3.67 -8.44	58.95 3.64 -24.44	45.10 3.35 -9.85	40.24 3.85 -6.76	31.13 3.27 -0.82	26.87 2.99 -0.13
SPIERFLS_115KV_TB 1 80737	24.58 0.51 0.00	23.52 0.44 0.00	22.77 0.42 0.00	22.42 0.40 0.00	23.68 0.56 0.00	26.54 0.70 0.00	32.42 1.19 0.00	33.06 1.36 0.00	30.63 0.83 0.00	22.98 0.20 0.00	21.45 0.06 0.00	19.34 0.06 0.00	18.85 0.09 0.00	18.79 0.07 0.00	23.22 0.30 0.00	28.89 0.87 0.00	24.09 0.40 0.00	25.29 0.42 0.00	30.51 0.89 0.00	32.11 1.23 0.00	33.17 1.28 0.00	30.46 0.83 0.00	27.69 0.65 0.00	24.25 0.50 0.00
ST LAWRENCE___ 23600	23.93 -0.14 0.00	22.95 -0.14 0.00	22.21 -0.13 0.00	21.89 -0.13 0.00	22.99 -0.14 0.00	25.69 -0.15 0.00	30.73 -0.50 0.00	30.97 -0.73 0.00	29.53 -0.27 0.00	22.59 -0.18 0.00	21.24 -0.15 0.00	19.15 -0.13 0.00	18.63 -0.13 0.00	18.56 -0.15 0.00	22.67 -0.25 0.00	27.77 -0.25 0.00	23.47 -0.21 0.00	24.66 -0.20 0.00	29.23 -0.39 0.00	30.25 -0.62 0.00	31.19 -0.70 0.00	29.33 -0.30 0.00	26.77 -0.27 0.00	23.53 -0.21 0.00
STATE_CA_115KV_115_LB 55624	24.26 0.19 0.00	23.22 0.14 0.00	22.52 0.18 0.00	22.16 0.13 0.00	23.34 0.21 0.00	26.08 0.23 0.00	31.73 0.50 0.00	32.26 0.57 0.00	30.07 0.27 0.00	22.70 -0.07 0.00	21.32 -0.06 0.00	19.26 -0.02 0.00	18.89 0.13 0.00	18.86 0.15 0.00	23.19 0.28 0.00	28.61 0.59 0.00	24.04 0.36 0.00	25.14 0.27 0.00	30.15 0.53 0.00	31.71 0.83 0.00	32.69 0.80 0.00	30.13 0.50 0.00	27.39 0.35 0.00	24.06 0.31 0.00
STATE_ST_34_KV_LOAD 55959	24.07 0.00 0.00	23.16 0.07 0.00	22.37 0.02 0.00	22.09 0.07 0.00	23.15 0.02 0.00	25.92 0.08 0.00	31.45 0.22 0.00	32.07 0.38 0.00	29.95 0.15 0.00	23.02 0.25 0.00	21.51 0.13 0.00	19.40 0.12 0.00	18.82 0.06 0.00	18.75 0.04 0.00	22.99 0.07 0.00	27.91 -0.11 0.00	23.69 0.00 0.00	24.94 0.07 0.00	29.56 -0.06 0.00	31.03 0.15 0.00	32.28 0.38 0.00	29.78 0.15 0.00	27.09 0.05 0.00	23.77 0.02 0.00
STATION 5_MISC_HYD 23604	24.02 -0.05 0.00	22.99 -0.09 0.00	22.14 -0.20 0.00	21.94 -0.09 0.00	22.94 -0.19 0.00	25.56 -0.28 0.00	30.54 -0.69 0.00	31.22 -0.47 0.00	29.38 -0.42 0.00	22.77 0.00 0.00	21.30 -0.09 0.00	19.20 -0.08 0.00	18.50 -0.26 0.00	18.41 -0.30 0.00	22.48 -0.44 0.00	27.27 -0.76 0.00	23.12 -0.57 0.00	24.34 -0.52 0.00	28.52 -1.10 0.00	29.79 -1.08 0.00	31.29 -0.61 0.00	28.71 -0.92 0.00	26.63 -0.40 0.00	23.44 -0.31 0.00



STA_168_34_KV_BK1_2_REV_LBMP_B 345032	23.93 -0.14 0.00	23.13 0.05 0.00	22.30 -0.04 0.00	22.07 0.04 0.00	23.08 -0.05 0.00	25.82 -0.03 0.00	31.11 -0.12 0.00	31.72 0.03 0.00	29.77 -0.03 0.00	22.95 0.18 0.00	21.45 0.06 0.00	19.32 0.04 0.00	18.65 -0.11 0.00	18.56 -0.15 0.00	22.69 -0.23 0.00	27.32 -0.70 0.00	23.40 -0.28 0.00	24.66 -0.20 0.00	29.03 -0.59 0.00	30.47 -0.40 0.00	31.86 -0.03 0.00	29.48 -0.15 0.00	26.90 -0.14 0.00	23.63 -0.12 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	23.52 -0.55 0.00	22.83 -0.25 0.00	22.01 -0.34 0.00	21.80 -0.22 0.00	22.76 -0.37 0.00	25.41 -0.44 0.00	30.42 -0.81 0.00	31.03 -0.67 0.00	29.20 -0.60 0.00	22.64 -0.14 0.00	21.19 -0.19 0.00	19.09 -0.19 0.00	18.40 -0.36 0.00	18.32 -0.39 0.00	22.37 -0.55 0.00	26.79 -1.23 0.00	23.03 -0.66 0.00	24.24 -0.62 0.00	28.41 -1.21 0.00	29.76 -1.11 0.00	31.19 -0.70 0.00	28.95 -0.68 0.00	26.50 -0.54 0.00	23.30 -0.45 0.00
STA_56____34_KV_BUS2 355983	23.52 -0.55 0.00	22.83 -0.25 0.00	22.01 -0.34 0.00	21.80 -0.22 0.00	22.76 -0.37 0.00	25.41 -0.44 0.00	30.42 -0.81 0.00	31.03 -0.67 0.00	29.20 -0.60 0.00	22.64 -0.14 0.00	21.19 -0.19 0.00	19.09 -0.19 0.00	18.40 -0.36 0.00	18.32 -0.39 0.00	22.37 -0.55 0.00	26.79 -1.23 0.00	23.03 -0.66 0.00	24.24 -0.62 0.00	28.41 -1.21 0.00	29.76 -1.11 0.00	31.19 -0.70 0.00	28.95 -0.68 0.00	26.50 -0.54 0.00	23.30 -0.45 0.00
STA_67____115KV_BK2 355882	23.61 -0.46 0.00	22.95 -0.14 0.00	22.12 -0.22 0.00	21.91 -0.11 0.00	22.88 -0.25 0.00	25.51 -0.34 0.00	30.48 -0.75 0.00	31.06 -0.63 0.00	29.26 -0.54 0.00	22.73 -0.05 0.00	21.26 -0.13 0.00	19.16 -0.12 0.00	18.48 -0.28 0.00	18.40 -0.32 0.00	22.44 -0.48 0.00	26.82 -1.21 0.00	23.10 -0.59 0.00	24.32 -0.55 0.00	28.43 -1.18 0.00	29.76 -1.11 0.00	31.26 -0.64 0.00	29.04 -0.59 0.00	26.58 -0.46 0.00	23.39 -0.36 0.00
STA_7____115KV_9TRANS 80674	23.76 -0.31 0.00	23.09 0.00 0.00	22.23 -0.11 0.00	22.02 0.00 0.00	22.99 -0.14 0.00	25.67 -0.18 0.00	30.67 -0.56 0.00	31.28 -0.41 0.00	29.50 -0.30 0.00	22.86 0.09 0.00	21.38 0.00 0.00	19.28 0.00 0.00	18.57 -0.19 0.00	18.49 -0.22 0.00	22.55 -0.37 0.00	26.96 -1.06 0.00	23.21 -0.47 0.00	24.47 -0.40 0.00	28.61 -1.01 0.00	29.98 -0.90 0.00	31.48 -0.41 0.00	29.24 -0.39 0.00	26.77 -0.27 0.00	23.53 -0.21 0.00
STA_82____115KV_TB1 80780	23.64 -0.43 0.00	22.97 -0.12 0.00	22.12 -0.22 0.00	21.91 -0.11 0.00	22.88 -0.25 0.00	25.54 -0.31 0.00	30.48 -0.75 0.00	31.09 -0.60 0.00	29.29 -0.51 0.00	22.73 -0.05 0.00	21.28 -0.11 0.00	19.16 -0.12 0.00	18.48 -0.28 0.00	18.40 -0.32 0.00	22.44 -0.48 0.00	26.82 -1.21 0.00	23.10 -0.59 0.00	24.32 -0.55 0.00	28.46 -1.16 0.00	29.79 -1.08 0.00	31.26 -0.64 0.00	29.04 -0.59 0.00	26.60 -0.43 0.00	23.42 -0.33 0.00
STEEL____WIND 323596	24.60 0.53 0.00	23.57 0.49 0.00	22.66 0.31 0.00	22.51 0.48 0.00	23.48 0.35 0.00	26.00 0.16 0.00	30.76 -0.47 0.00	31.38 -0.32 0.00	29.62 -0.18 0.00	23.18 0.41 0.00	21.71 0.32 0.00	19.63 0.35 0.00	18.86 0.09 0.00	18.81 0.09 0.00	22.87 -0.05 0.00	27.52 -0.50 0.00	23.47 -0.21 0.00	24.81 -0.05 0.00	28.67 -0.95 0.00	29.82 -1.05 0.00	31.42 -0.48 0.00	28.80 -0.83 0.00	27.01 -0.03 0.00	23.96 0.21 0.00
STEPHTWN_115KV_BK_2 55603	24.41 0.34 0.00	23.36 0.28 0.00	22.66 0.31 0.00	22.29 0.26 0.00	23.48 0.35 0.00	26.26 0.41 0.00	31.98 0.75 0.00	32.55 0.86 0.00	30.28 0.48 0.00	22.84 0.07 0.00	21.43 0.04 0.00	19.36 0.08 0.00	18.99 0.23 0.00	18.96 0.24 0.00	23.31 0.39 0.00	28.78 0.76 0.00	24.16 0.47 0.00	25.29 0.42 0.00	30.36 0.74 0.00	31.92 1.05 0.00	32.92 1.02 0.00	30.31 0.68 0.00	27.55 0.51 0.00	24.18 0.43 0.00
STEUBEN_REC_LFGE 323667	25.42 1.35 0.00	24.56 1.48 0.00	23.64 1.30 0.00	23.37 1.34 0.00	24.49 1.36 0.00	27.35 1.50 0.00	33.17 1.94 0.00	33.69 2.00 0.00	31.41 1.61 0.00	24.05 1.28 0.00	22.41 1.03 0.00	20.22 0.94 0.00	19.53 0.77 0.00	19.43 0.71 0.00	23.83 0.92 0.00	28.73 0.70 0.00	24.66 0.97 0.00	26.16 1.29 0.00	30.80 1.18 0.00	32.38 1.51 0.00	33.81 1.91 0.00	31.26 1.63 0.00	28.39 1.35 0.00	24.96 1.21 0.00
STILLWATER____SOLAR 323814	24.65 0.58 0.00	23.69 0.60 0.00	22.95 0.60 0.00	22.57 0.55 0.00	23.80 0.67 0.00	26.65 0.80 0.00	32.48 1.25 0.00	33.05 1.36 0.00	30.69 0.89 0.00	23.11 0.34 0.00	21.66 0.28 0.00	19.55 0.27 0.00	19.06 0.30 0.00	19.01 0.30 0.00	23.42 0.50 0.00	28.95 0.92 0.00	24.30 0.61 0.00	25.46 0.60 0.00	30.68 1.06 0.00	32.20 1.33 0.00	33.24 1.34 0.00	30.55 0.92 0.00	27.82 0.78 0.00	24.39 0.64 0.00
STONY____BROOK 24151	27.50 2.50 -0.92	25.65 2.42 -0.14	24.42 2.08 0.00	24.20 2.18 0.00	25.28 2.15 0.00	28.89 2.89 -0.15	42.79 1.91 -9.65	41.25 2.35 -7.21	31.26 1.46 0.00	24.73 1.96 0.00	25.01 2.44 -1.19	22.55 2.24 -1.04	22.92 2.16 -2.00	20.57 1.72 -0.14	24.98 2.06 0.00	30.46 2.44 0.00	26.71 3.01 -0.01	36.46 2.96 -8.64	42.81 3.46 -9.73	62.44 3.40 -28.17	46.32 3.06 -11.36	41.16 3.73 -7.79	31.18 3.19 -0.95	26.74 2.85 -0.15
STURGEON_POOL_HYD 23609	25.15 1.08 0.00	24.01 0.92 0.00	23.28 0.94 0.00	22.88 0.86 0.00	24.10 0.97 0.00	26.91 1.06 0.00	32.98 1.75 0.00	33.50 1.81 0.00	31.29 1.49 0.00	23.57 0.80 0.00	22.24 0.86 0.00	20.01 0.73 0.00	19.45 0.69 0.00	19.41 0.69 0.00	23.81 0.89 0.00	29.26 1.23 0.00	24.75 1.07 0.00	25.96 1.09 0.00	31.01 1.39 0.00	32.69 1.82 0.00	33.62 1.72 0.00	31.11 1.48 0.00	28.20 1.16 0.00	24.77 1.02 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	24.94 0.87 0.00	23.85 0.76 0.00	23.11 0.76 0.00	22.73 0.70 0.00	23.92 0.79 0.00	26.67 0.83 0.00	32.64 1.41 0.00	33.21 1.52 0.00	31.05 1.25 0.00	23.46 0.68 0.00	22.09 0.71 0.00	19.92 0.64 0.00	19.38 0.62 0.00	19.35 0.64 0.00	23.70 0.78 0.00	29.12 1.09 0.00	24.64 0.95 0.00	25.86 0.99 0.00	30.86 1.24 0.00	32.48 1.61 0.00	33.40 1.50 0.00	30.90 1.27 0.00	28.09 1.05 0.00	24.65 0.90 0.00
SWANROAD_115KV_TB1 355699	23.49 -0.58 0.00	23.04 -0.05 0.00	22.17 -0.18 0.00	22.02 0.00 0.00	22.88 -0.25 0.00	25.43 -0.41 0.00	29.98 -1.25 0.00	30.49 -1.20 0.00	28.85 -0.95 0.00	22.66 -0.11 0.00	21.19 -0.19 0.00	19.16 -0.12 0.00	18.39 -0.38 0.00	18.32 -0.39 0.00	22.28 -0.64 0.00	26.20 -1.82 0.00	22.88 -0.81 0.00	24.14 -0.72 0.00	27.84 -1.78 0.00	29.05 -1.82 0.00	30.68 -1.21 0.00	28.65 -0.98 0.00	26.36 -0.68 0.00	23.37 -0.38 0.00
SYNERGY____BIOGAS 323694	24.46 0.38 0.00	23.41 0.32 0.00	22.50 0.16 0.00	22.37 0.35 0.00	23.34 0.21 0.00	25.95 0.10 0.00	30.82 -0.41 0.00	31.54 -0.16 0.00	29.65 -0.15 0.00	23.07 0.30 0.00	21.54 0.15 0.00	19.42 0.14 0.00	18.63 -0.13 0.00	18.55 -0.17 0.00	22.57 -0.34 0.00	27.30 -0.73 0.00	23.24 -0.45 0.00	24.54 -0.32 0.00	28.52 -1.10 0.00	29.82 -1.05 0.00	31.52 -0.38 0.00	28.83 -0.80 0.00	26.96 -0.08 0.00	23.80 0.05 0.00



SYRACUSE___ENERGY_ST1 323597	23.90 -0.17 0.00	22.97 -0.12 0.00	22.19 -0.16 0.00	21.91 -0.11 0.00	22.99 -0.14 0.00	25.72 -0.13 0.00	31.20 -0.03 0.00	31.72 0.03 0.00	29.71 -0.09 0.00	22.82 0.05 0.00	21.36 -0.02 0.00	19.26 -0.02 0.00	18.70 -0.06 0.00	18.64 -0.07 0.00	22.85 -0.07 0.00	27.74 -0.28 0.00	23.50 -0.19 0.00	24.71 -0.15 0.00	29.32 -0.30 0.00	30.75 -0.12 0.00	31.93 0.03 0.00	29.51 -0.12 0.00	26.88 -0.16 0.00	23.58 -0.17 0.00
SYRACUSE___ENERGY_ST2 323598	23.90 -0.17 0.00	22.97 -0.12 0.00	22.19 -0.16 0.00	21.91 -0.11 0.00	22.99 -0.14 0.00	25.72 -0.13 0.00	31.20 -0.03 0.00	31.72 0.03 0.00	29.71 -0.09 0.00	22.82 0.05 0.00	21.36 -0.02 0.00	19.26 -0.02 0.00	18.70 -0.06 0.00	18.64 -0.07 0.00	22.85 -0.07 0.00	27.74 -0.28 0.00	23.50 -0.19 0.00	24.71 -0.15 0.00	29.32 -0.30 0.00	30.75 -0.12 0.00	31.93 0.03 0.00	29.51 -0.12 0.00	26.88 -0.16 0.00	23.58 -0.17 0.00
SYRACUSE___POWER 24017	23.88 -0.19 0.00	22.95 -0.14 0.00	22.19 -0.16 0.00	21.91 -0.11 0.00	22.97 -0.16 0.00	25.72 -0.13 0.00	31.17 -0.06 0.00	31.72 0.03 0.00	29.71 -0.09 0.00	22.82 0.05 0.00	21.36 -0.02 0.00	19.26 -0.02 0.00	18.69 -0.08 0.00	18.64 -0.07 0.00	22.85 -0.07 0.00	27.74 -0.28 0.00	23.50 -0.19 0.00	24.74 -0.12 0.00	29.35 -0.27 0.00	30.78 -0.09 0.00	31.96 0.06 0.00	29.54 -0.09 0.00	26.90 -0.14 0.00	23.58 -0.17 0.00
TALLMAN___138KV_BK151 55660	25.08 1.01 0.00	23.96 0.88 0.00	23.24 0.89 0.00	22.84 0.81 0.00	24.03 0.90 0.00	26.80 0.96 0.00	32.82 1.59 0.00	33.44 1.74 0.00	31.26 1.46 0.00	23.61 0.84 0.00	22.26 0.88 0.00	20.05 0.77 0.00	19.53 0.77 0.00	19.50 0.79 0.00	23.86 0.94 0.00	29.29 1.26 0.00	24.80 1.11 0.00	26.03 1.17 0.00	31.07 1.45 0.00	32.69 1.82 0.00	33.62 1.72 0.00	31.14 1.51 0.00	28.28 1.24 0.00	24.82 1.07 0.00
TEALLAVE_115KV_TB7 355573	23.76 -0.31 0.00	22.86 -0.23 0.00	22.08 -0.27 0.00	21.80 -0.22 0.00	22.85 -0.28 0.00	25.56 -0.28 0.00	30.98 -0.25 0.00	31.50 -0.19 0.00	29.53 -0.27 0.00	22.68 -0.09 0.00	21.26 -0.13 0.00	19.16 -0.12 0.00	18.61 -0.15 0.00	18.55 -0.17 0.00	22.73 -0.18 0.00	27.58 -0.45 0.00	23.36 -0.33 0.00	24.57 -0.30 0.00	29.12 -0.50 0.00	30.50 -0.37 0.00	31.71 -0.19 0.00	29.33 -0.30 0.00	26.71 -0.32 0.00	23.44 -0.31 0.00
TELGRAPH_34_KV_EAST 80808	23.66 -0.41 0.00	23.18 0.09 0.00	22.30 -0.04 0.00	22.16 0.13 0.00	23.04 -0.09 0.00	25.64 -0.21 0.00	30.29 -0.94 0.00	30.87 -0.82 0.00	29.17 -0.63 0.00	22.84 0.07 0.00	21.34 -0.04 0.00	19.28 0.00 0.00	18.50 -0.26 0.00	18.43 -0.28 0.00	22.41 -0.50 0.00	26.43 -1.60 0.00	23.05 -0.64 0.00	24.32 -0.55 0.00	28.14 -1.48 0.00	29.39 -1.48 0.00	31.04 -0.86 0.00	28.95 -0.68 0.00	26.60 -0.43 0.00	23.53 -0.21 0.00
TEMPLE___115KV_TB 2 55572	23.78 -0.29 0.00	22.86 -0.23 0.00	22.08 -0.27 0.00	21.82 -0.20 0.00	22.88 -0.25 0.00	25.59 -0.26 0.00	31.01 -0.22 0.00	31.53 -0.16 0.00	29.56 -0.24 0.00	22.70 -0.07 0.00	21.28 -0.11 0.00	19.18 -0.10 0.00	18.63 -0.13 0.00	18.56 -0.15 0.00	22.76 -0.16 0.00	27.60 -0.42 0.00	23.38 -0.31 0.00	24.59 -0.27 0.00	29.15 -0.47 0.00	30.53 -0.34 0.00	31.74 -0.16 0.00	29.36 -0.27 0.00	26.74 -0.30 0.00	23.46 -0.28 0.00
TIANA____69_KV_BK 1 55817	27.80 2.94 -0.80	25.84 2.63 -0.12	24.69 2.35 0.00	24.23 2.20 0.00	25.60 2.47 0.00	29.15 3.18 -0.12	41.82 2.22 -8.37	40.54 2.60 -6.25	33.32 3.52 0.00	25.05 2.28 0.00	25.07 2.65 -1.03	22.57 2.39 -0.90	22.78 2.29 -1.73	20.71 1.87 -0.12	25.10 2.18 0.00	31.72 3.70 0.00	26.79 3.10 0.00	35.27 2.93 -7.47	40.60 2.55 -8.43	58.67 3.37 -24.43	44.87 3.13 -9.85	38.67 2.28 -6.76	31.10 3.24 -0.82	26.81 2.94 -0.12
TILDEN___115KV_TB1 80814	23.88 -0.19 0.00	22.95 -0.14 0.00	22.19 -0.16 0.00	21.91 -0.11 0.00	22.97 -0.16 0.00	25.72 -0.13 0.00	31.17 -0.06 0.00	31.72 0.03 0.00	29.71 -0.09 0.00	22.82 0.05 0.00	21.36 -0.02 0.00	19.26 -0.02 0.00	18.69 -0.08 0.00	18.64 -0.07 0.00	22.85 -0.07 0.00	27.74 -0.28 0.00	23.50 -0.19 0.00	24.74 -0.12 0.00	29.35 -0.27 0.00	30.78 -0.09 0.00	31.96 0.06 0.00	29.54 -0.09 0.00	26.90 -0.14 0.00	23.58 -0.17 0.00
TRIGEN___CC 323695	26.35 2.29 0.00	25.09 2.01 0.00	23.95 1.61 0.00	23.52 1.50 0.00	24.82 1.69 0.00	28.22 2.38 0.00	32.92 1.69 0.00	33.72 2.03 0.00	32.36 2.56 0.00	24.34 1.57 0.00	23.43 2.03 -0.01	21.16 1.89 0.01	20.58 1.82 0.00	20.10 1.38 0.00	24.59 1.67 0.00	30.94 2.91 0.00	26.10 2.42 0.00	27.30 2.36 -0.07	31.78 2.16 0.00	33.77 2.90 0.00	34.58 2.68 0.00	31.59 1.96 0.00	29.70 2.65 -0.01	26.15 2.40 0.00
TRINITY___115KV__4 BK 55933	24.19 0.12 0.00	23.16 0.07 0.00	22.48 0.13 0.00	22.11 0.09 0.00	23.27 0.14 0.00	26.00 0.16 0.00	31.61 0.37 0.00	32.17 0.48 0.00	29.98 0.18 0.00	22.66 -0.11 0.00	21.28 -0.11 0.00	19.24 -0.04 0.00	18.87 0.11 0.00	18.85 0.13 0.00	23.12 0.21 0.00	28.50 0.48 0.00	23.97 0.28 0.00	25.06 0.20 0.00	30.06 0.44 0.00	31.61 0.74 0.00	32.57 0.67 0.00	30.01 0.39 0.00	27.28 0.24 0.00	23.96 0.21 0.00
UNION___PROCESSING_DRP 323587	23.64 -0.43 0.00	22.97 -0.12 0.00	22.12 -0.22 0.00	21.94 -0.09 0.00	22.88 -0.25 0.00	25.54 -0.31 0.00	30.51 -0.72 0.00	31.09 -0.60 0.00	29.29 -0.51 0.00	22.73 -0.05 0.00	21.28 -0.11 0.00	19.18 -0.10 0.00	18.48 -0.28 0.00	18.40 -0.32 0.00	22.44 -0.48 0.00	26.82 -1.21 0.00	23.10 -0.59 0.00	24.32 -0.55 0.00	28.46 -1.16 0.00	29.79 -1.08 0.00	31.26 -0.64 0.00	29.07 -0.56 0.00	26.60 -0.43 0.00	23.42 -0.33 0.00
UPPER HUDSON___HYD 24058	24.50 0.43 0.00	23.52 0.44 0.00	22.77 0.42 0.00	22.42 0.40 0.00	23.68 0.55 0.00	26.54 0.70 0.00	32.42 1.19 0.00	33.05 1.36 0.00	30.60 0.80 0.00	22.95 0.18 0.00	21.45 0.06 0.00	19.34 0.06 0.00	18.86 0.09 0.00	18.79 0.08 0.00	23.22 0.30 0.00	28.84 0.81 0.00	24.09 0.40 0.00	25.29 0.42 0.00	30.57 0.95 0.00	32.11 1.24 0.00	33.17 1.28 0.00	30.43 0.80 0.00	27.69 0.65 0.00	24.25 0.50 0.00
UPPER RAQUET___HYD 24056	23.88 -0.19 0.00	22.90 -0.19 0.00	22.14 -0.20 0.00	21.85 -0.18 0.00	22.94 -0.19 0.00	25.69 -0.15 0.00	30.54 -0.69 0.00	30.81 -0.89 0.00	29.35 -0.45 0.00	22.34 -0.43 0.00	20.98 -0.41 0.00	18.86 -0.42 0.00	18.37 -0.39 0.00	18.28 -0.43 0.00	22.18 -0.73 0.00	27.24 -0.78 0.00	22.98 -0.71 0.00	24.22 -0.65 0.00	28.76 -0.86 0.00	29.85 -1.02 0.00	30.78 -1.12 0.00	28.92 -0.71 0.00	26.44 -0.59 0.00	23.44 -0.31 0.00
VALLEY44_115KV_TB2 355964	24.77 0.70 0.00	24.17 1.09 0.00	23.26 0.92 0.00	23.06 1.04 0.00	24.03 0.90 0.00	26.60 0.75 0.00	31.73 0.50 0.00	32.04 0.35 0.00	30.28 0.48 0.00	23.55 0.77 0.00	22.05 0.66 0.00	19.92 0.64 0.00	19.17 0.41 0.00	19.11 0.39 0.00	23.40 0.48 0.00	27.58 -0.45 0.00	24.04 0.36 0.00	25.51 0.65 0.00	29.56 -0.06 0.00	30.81 -0.06 0.00	32.28 0.38 0.00	30.28 0.65 0.00	27.74 0.70 0.00	24.67 0.93 0.00



VALLEY___115KV_TB 1-4 80826	24.12 0.05 0.00	23.11 0.02 0.00	22.37 0.02 0.00	22.05 0.02 0.00	23.18 0.05 0.00	25.92 0.08 0.00	31.45 0.22 0.00	31.95 0.25 0.00	29.92 0.12 0.00	22.75 -0.02 0.00	21.34 -0.04 0.00	19.24 -0.04 0.00	18.72 -0.04 0.00	18.70 -0.02 0.00	22.92 0.00 0.00	28.11 0.08 0.00	23.71 0.02 0.00	24.89 0.02 0.00	29.71 0.09 0.00	31.09 0.22 0.00	32.12 0.22 0.00	29.75 0.12 0.00	27.09 0.05 0.00	23.77 0.02 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	25.54 1.47 0.00	24.49 1.41 0.00	23.71 1.36 0.00	23.37 1.34 0.00	24.54 1.41 0.00	27.50 1.65 0.00	33.70 2.47 0.00	34.39 2.69 0.00	32.00 2.21 0.00	24.28 1.50 0.00	22.67 1.28 0.00	20.32 1.04 0.00	19.76 0.99 0.00	19.71 0.99 0.00	24.25 1.33 0.00	29.73 1.71 0.00	24.99 1.30 0.00	26.26 1.39 0.00	31.37 1.75 0.00	32.94 2.07 0.00	34.13 2.23 0.00	31.59 1.96 0.00	28.69 1.65 0.00	25.15 1.40 0.00
VISCHER___FERRY HYD 24020	24.38 0.31 0.00	23.43 0.35 0.00	22.75 0.40 0.00	22.35 0.33 0.00	23.55 0.42 0.00	26.34 0.49 0.00	32.04 0.81 0.00	32.64 0.95 0.00	30.34 0.54 0.00	22.93 0.16 0.00	21.55 0.17 0.00	19.45 0.17 0.00	19.00 0.24 0.00	18.98 0.26 0.00	23.31 0.39 0.00	28.73 0.70 0.00	24.16 0.47 0.00	25.26 0.40 0.00	30.42 0.80 0.00	31.95 1.08 0.00	32.92 1.02 0.00	30.25 0.62 0.00	27.52 0.49 0.00	24.18 0.43 0.00
V_A_10_SYNC_DSASP 323832	23.81 -0.26 0.00	22.81 -0.28 0.00	21.97 -0.38 0.00	21.78 -0.24 0.00	22.74 -0.39 0.00	25.23 -0.62 0.00	29.86 -1.37 0.00	30.46 -1.24 0.00	28.76 -1.04 0.00	22.45 -0.32 0.00	21.02 -0.36 0.00	18.99 -0.29 0.00	18.29 -0.47 0.00	18.23 -0.49 0.00	22.18 -0.73 0.00	26.76 -1.26 0.00	22.79 -0.90 0.00	23.99 -0.87 0.00	27.84 -1.78 0.00	28.99 -1.88 0.00	30.49 -1.40 0.00	28.00 -1.63 0.00	26.20 -0.84 0.00	23.18 -0.57 0.00
V_CMM_10_SYNC_DSASP 323787	24.02 -0.05 0.00	23.06 -0.02 0.00	22.30 -0.04 0.00	22.00 -0.02 0.00	23.11 -0.02 0.00	25.82 -0.03 0.00	30.86 -0.37 0.00	31.12 -0.57 0.00	29.68 -0.12 0.00	22.70 -0.07 0.00	21.34 -0.04 0.00	19.22 -0.06 0.00	18.70 -0.06 0.00	18.64 -0.07 0.00	22.76 -0.16 0.00	27.89 -0.14 0.00	23.57 -0.12 0.00	24.76 -0.10 0.00	29.35 -0.27 0.00	30.41 -0.46 0.00	31.35 -0.54 0.00	29.45 -0.18 0.00	26.88 -0.16 0.00	23.63 -0.12 0.00
V_CMP_10_SYNC_DSASP 323788	24.91 0.84 0.00	23.89 0.81 0.00	23.04 0.69 0.00	22.68 0.66 0.00	23.78 0.65 0.00	26.54 0.70 0.00	31.11 -0.12 0.00	30.74 -0.95 0.00	30.19 0.39 0.00	23.64 0.87 0.00	22.35 0.96 0.00	20.11 0.83 0.00	19.57 0.81 0.00	19.43 0.71 0.00	23.63 0.71 0.00	28.98 0.95 0.00	24.52 0.83 0.00	25.86 1.00 0.00	30.48 0.86 0.00	31.52 0.65 0.00	32.22 0.32 0.00	30.13 0.50 0.00	27.39 0.35 0.00	24.08 0.33 0.00
V_D_10_SYNC_DSASP 323841	24.17 0.10 0.00	23.20 0.12 0.00	22.44 0.09 0.00	22.13 0.11 0.00	23.25 0.12 0.00	25.98 0.13 0.00	31.01 -0.22 0.00	31.28 -0.41 0.00	29.83 0.03 0.00	22.80 0.02 0.00	21.43 0.04 0.00	19.28 0.00 0.00	18.78 0.02 0.00	18.70 -0.02 0.00	22.80 -0.11 0.00	27.94 -0.08 0.00	23.62 -0.07 0.00	24.84 -0.02 0.00	29.44 -0.18 0.00	30.50 -0.37 0.00	31.45 -0.45 0.00	29.54 -0.09 0.00	26.96 -0.08 0.00	23.75 0.00 0.00
V_E_10_SYNC_DSASP 323830	26.50 2.43 0.00	25.35 2.26 0.00	24.51 2.17 0.00	24.20 2.18 0.00	25.42 2.29 0.00	28.51 2.66 0.00	35.01 3.78 0.00	37.11 5.42 0.00	33.88 4.08 0.00	25.44 2.66 0.00	23.37 1.99 0.00	20.78 1.50 0.00	20.13 1.37 0.00	20.08 1.37 0.00	24.96 2.04 0.00	30.97 2.94 0.00	25.28 1.59 0.00	26.80 1.94 0.00	32.23 2.61 0.00	33.93 3.06 0.00	35.37 3.48 0.00	32.41 2.78 0.00	29.55 2.51 0.00	25.81 2.07 0.00
V_F_30_NSYNC___DSASP 323816	24.70 0.62 0.00	23.73 0.65 0.00	22.99 0.65 0.00	22.62 0.59 0.00	23.85 0.72 0.00	26.70 0.85 0.00	32.54 1.31 0.00	33.12 1.43 0.00	30.72 0.92 0.00	23.16 0.39 0.00	21.71 0.32 0.00	19.57 0.29 0.00	19.08 0.32 0.00	19.05 0.34 0.00	23.47 0.55 0.00	29.01 0.98 0.00	24.33 0.64 0.00	25.49 0.62 0.00	30.74 1.13 0.00	32.26 1.39 0.00	33.30 1.40 0.00	30.61 0.98 0.00	27.88 0.84 0.00	24.44 0.69 0.00
V_F_30_SYNC_DSASP 323786	24.26 0.19 0.00	23.20 0.12 0.00	22.52 0.18 0.00	22.16 0.13 0.00	23.31 0.19 0.00	26.08 0.23 0.00	31.73 0.50 0.00	32.26 0.57 0.00	30.07 0.27 0.00	22.70 -0.07 0.00	21.32 -0.06 0.00	19.26 -0.02 0.00	18.89 0.13 0.00	18.86 0.15 0.00	23.17 0.25 0.00	28.59 0.56 0.00	24.04 0.36 0.00	25.14 0.27 0.00	30.15 0.53 0.00	31.71 0.83 0.00	32.69 0.80 0.00	30.13 0.50 0.00	27.39 0.35 0.00	24.06 0.31 0.00
V_XM_10_SYNC_DSASP 323789	24.91 0.84 0.00	23.89 0.81 0.00	23.04 0.69 0.00	22.68 0.66 0.00	23.78 0.65 0.00	26.54 0.70 0.00	31.11 -0.12 0.00	30.74 -0.95 0.00	30.19 0.39 0.00	23.64 0.87 0.00	22.35 0.96 0.00	20.11 0.83 0.00	19.57 0.81 0.00	19.43 0.71 0.00	23.63 0.71 0.00	28.98 0.95 0.00	24.52 0.83 0.00	25.86 1.00 0.00	30.48 0.86 0.00	31.52 0.65 0.00	32.22 0.32 0.00	30.13 0.50 0.00	27.39 0.35 0.00	24.08 0.33 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	25.15 1.08 0.00	24.03 0.95 0.00	23.28 0.94 0.00	22.90 0.88 0.00	24.10 0.97 0.00	26.88 1.03 0.00	32.92 1.69 0.00	33.56 1.87 0.00	31.35 1.55 0.00	23.68 0.91 0.00	22.30 0.92 0.00	20.11 0.83 0.00	19.57 0.81 0.00	19.54 0.82 0.00	23.93 1.01 0.00	29.40 1.37 0.00	24.87 1.18 0.00	26.11 1.24 0.00	31.19 1.57 0.00	32.79 1.91 0.00	33.75 1.85 0.00	31.23 1.60 0.00	28.34 1.30 0.00	24.89 1.14 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	25.42 1.35 0.00	24.31 1.22 0.00	23.53 1.18 0.00	23.15 1.12 0.00	24.33 1.20 0.00	27.16 1.32 0.00	38.14 2.15 -4.76	43.86 2.31 -9.86	38.91 1.97 -7.14	37.89 1.21 -13.91	35.35 1.24 -12.72	35.30 1.10 -14.92	35.29 1.09 -15.44	35.27 1.10 -15.45	35.15 1.33 -10.90	34.97 1.82 -5.12	35.04 1.56 -9.79	34.88 1.59 -8.43	37.52 1.95 -5.95	39.66 2.38 -6.41	42.69 2.36 -8.44	34.37 1.99 -2.75	28.71 1.68 0.00	26.13 1.47 -0.91
W50THST__13_KV_LOAD 356117	25.52 1.44 0.00	24.40 1.32 0.00	23.64 1.30 0.00	23.23 1.21 0.00	24.43 1.30 0.00	27.29 1.45 0.00	38.30 2.31 -4.76	44.06 2.50 -9.86	39.09 2.15 -7.14	38.06 1.37 -13.92	35.46 1.35 -12.73	35.43 1.21 -14.93	35.41 1.20 -15.45	35.39 1.22 -15.46	35.30 1.47 -10.91	35.11 1.96 -5.13	35.19 1.71 -9.79	35.04 1.74 -8.43	37.70 2.13 -5.95	39.85 2.56 -6.42	42.86 2.52 -8.44	34.52 2.13 -2.75	28.82 1.78 0.00	26.25 1.59 -0.91
WADING RIVER_IC_1 23522	27.23 2.36 -0.80	25.52 2.31 -0.12	24.40 2.05 0.00	24.12 2.09 0.00	25.23 2.10 0.00	28.71 2.74 -0.13	41.23 1.59 -8.41	40.00 2.03 -6.28	31.14 1.34 0.00	24.64 1.87 0.00	24.73 2.31 -1.04	22.32 2.14 -0.90	22.56 2.06 -1.74	20.52 1.68 -0.12	24.82 1.90 0.00	30.29 2.27 0.00	26.54 2.84 -0.01	35.00 2.63 -7.50	41.26 3.17 -8.47	58.46 3.06 -24.53	44.53 2.74 -9.89	39.79 3.38 -6.79	30.81 2.95 -0.83	26.56 2.68 -0.13



WADING RIVER_IC_2 23547	27.23 2.36 -0.80	25.52 2.31 -0.12	24.40 2.05 0.00	24.12 2.09 0.00	25.23 2.10 0.00	28.71 2.74 -0.13	41.23 1.59 -8.41	40.00 2.03 -6.28	31.14 1.34 0.00	24.64 1.87 0.00	24.73 2.31 -1.04	22.32 2.14 -0.90	22.56 2.06 -1.74	20.52 1.68 -0.12	24.82 1.90 0.00	30.29 2.27 0.00	26.54 2.84 -0.01	35.00 2.63 -7.50	41.26 3.17 -8.47	58.46 3.06 -24.53	44.53 2.74 -9.89	39.79 3.38 -6.79	30.81 2.95 -0.83	26.56 2.68 -0.13
WADING RIVER_IC_3 23601	27.23 2.36 -0.80	25.52 2.31 -0.12	24.40 2.05 0.00	24.12 2.09 0.00	25.23 2.10 0.00	28.71 2.74 -0.13	41.23 1.59 -8.41	40.00 2.03 -6.28	31.14 1.34 0.00	24.64 1.87 0.00	24.73 2.31 -1.04	22.32 2.14 -0.90	22.56 2.06 -1.74	20.52 1.68 -0.12	24.82 1.90 0.00	30.29 2.27 0.00	26.54 2.84 -0.01	35.00 2.63 -7.50	41.26 3.17 -8.47	58.46 3.06 -24.53	44.53 2.74 -9.89	39.79 3.38 -6.79	30.81 2.95 -0.83	26.56 2.68 -0.13
WALDENNY_I2_KV_BK2 80841	24.00 -0.07 0.00	23.52 0.44 0.00	22.61 0.27 0.00	22.46 0.44 0.00	23.36 0.23 0.00	25.95 0.10 0.00	30.67 -0.56 0.00	31.19 -0.51 0.00	29.53 -0.27 0.00	23.16 0.39 0.00	21.68 0.30 0.00	19.61 0.33 0.00	18.84 0.08 0.00	18.77 0.06 0.00	22.83 -0.09 0.00	26.88 -1.15 0.00	23.45 -0.24 0.00	24.76 -0.10 0.00	28.58 -1.04 0.00	29.82 -1.05 0.00	31.42 -0.48 0.00	29.33 -0.30 0.00	26.96 -0.08 0.00	23.91 0.17 0.00
WALDEN___HYDRO 24148	25.18 1.11 0.00	24.06 0.97 0.00	23.31 0.96 0.00	22.93 0.90 0.00	24.15 1.02 0.00	26.96 1.11 0.00	33.04 1.81 0.00	33.53 1.84 0.00	31.29 1.49 0.00	23.55 0.77 0.00	22.18 0.79 0.00	19.97 0.69 0.00	19.42 0.66 0.00	19.37 0.66 0.00	23.79 0.87 0.00	29.26 1.23 0.00	24.75 1.07 0.00	25.98 1.12 0.00	31.10 1.48 0.00	32.79 1.91 0.00	33.71 1.82 0.00	31.20 1.57 0.00	28.28 1.24 0.00	24.82 1.07 0.00
WARRENSBURG___ 23737	24.50 0.43 0.00	23.52 0.44 0.00	22.77 0.42 0.00	22.42 0.40 0.00	23.68 0.55 0.00	26.54 0.70 0.00	32.42 1.19 0.00	33.05 1.36 0.00	30.60 0.80 0.00	22.95 0.18 0.00	21.45 0.06 0.00	19.34 0.06 0.00	18.86 0.09 0.00	18.79 0.08 0.00	23.22 0.30 0.00	28.84 0.81 0.00	24.09 0.40 0.00	25.29 0.42 0.00	30.57 0.95 0.00	32.11 1.24 0.00	33.17 1.28 0.00	30.43 0.80 0.00	27.69 0.65 0.00	24.25 0.50 0.00
WATERSIDE___6 8 9 23538	25.42 1.35 0.00	24.31 1.22 0.00	23.53 1.18 0.00	23.15 1.12 0.00	24.33 1.20 0.00	27.14 1.29 0.00	37.93 1.84 -4.86	43.78 2.03 -10.06	38.82 1.73 -7.29	38.00 1.02 -14.20	35.46 1.09 -12.99	35.50 0.98 -15.23	35.50 0.98 -15.76	35.48 0.99 -15.77	35.26 1.21 -11.13	34.94 1.68 -5.23	35.13 1.44 -9.99	34.93 1.47 -8.60	37.47 1.78 -6.07	39.58 2.16 -6.55	42.61 2.11 -8.61	34.25 1.81 -2.81	28.61 1.57 0.00	26.03 1.35 -0.93
WATKINRD_115KV_LN8_ILLION 55919	24.12 0.05 0.00	23.13 0.05 0.00	22.39 0.04 0.00	22.05 0.02 0.00	23.18 0.05 0.00	25.92 0.08 0.00	31.45 0.22 0.00	31.91 0.22 0.00	29.89 0.09 0.00	22.77 0.00 0.00	21.36 -0.02 0.00	19.24 -0.04 0.00	18.74 -0.02 0.00	18.71 0.00 0.00	22.94 0.02 0.00	28.11 0.08 0.00	23.74 0.05 0.00	24.91 0.05 0.00	29.74 0.12 0.00	31.09 0.22 0.00	32.15 0.26 0.00	29.78 0.15 0.00	27.12 0.08 0.00	23.80 0.05 0.00
WATSON___69_KV_BK 1 55734	27.12 2.79 -0.26	25.62 2.49 -0.04	24.56 2.21 0.00	24.12 2.09 0.00	25.47 2.34 0.00	28.88 3.00 -0.04	35.98 2.06 -2.69	36.11 2.41 -2.01	33.11 3.31 0.00	24.91 2.14 0.00	24.19 2.46 -0.35	21.79 2.22 -0.29	21.49 2.16 -0.57	20.51 1.76 -0.04	25.10 2.18 0.00	31.72 3.70 0.00	26.82 3.13 0.00	30.35 2.98 -2.51	34.94 2.61 -2.71	42.16 3.43 -7.86	38.29 3.22 -3.17	34.17 2.37 -2.17	30.59 3.27 -0.28	26.71 2.92 -0.04
WDELAWARE___HYD 323627	25.32 1.25 0.00	24.24 1.15 0.00	23.51 1.16 0.00	23.12 1.10 0.00	24.33 1.20 0.00	27.19 1.34 0.00	33.32 2.09 0.00	33.88 2.19 0.00	31.44 1.64 0.00	23.77 1.00 0.00	22.37 0.98 0.00	20.11 0.83 0.00	19.51 0.75 0.00	19.46 0.75 0.00	23.93 1.01 0.00	29.31 1.29 0.00	24.90 1.21 0.00	26.13 1.27 0.00	31.40 1.78 0.00	32.97 2.10 0.00	33.94 2.04 0.00	31.38 1.75 0.00	28.47 1.43 0.00	24.96 1.21 0.00
WEST BABYLON___IC 23714	26.87 2.74 -0.06	25.54 2.45 -0.01	24.42 2.08 0.00	23.98 1.96 0.00	25.33 2.20 0.00	28.78 2.92 -0.01	33.83 2.03 -0.57	34.53 2.41 -0.42	32.96 3.16 0.00	24.80 2.03 0.00	23.89 2.42 -0.09	21.54 2.20 -0.06	21.01 2.12 -0.13	20.41 1.68 -0.01	24.98 2.06 0.00	31.56 3.53 0.00	26.67 2.98 0.00	28.42 2.91 -0.64	32.77 2.58 -0.57	35.93 3.40 -1.66	35.75 3.19 -0.67	32.43 2.34 -0.46	30.33 3.22 -0.07	26.61 2.85 -0.01
WEST CANADA___HYD 24049	24.14 0.07 0.00	23.16 0.07 0.00	22.41 0.07 0.00	22.09 0.07 0.00	23.20 0.07 0.00	25.92 0.08 0.00	31.45 0.22 0.00	31.95 0.25 0.00	29.92 0.12 0.00	22.82 0.05 0.00	21.43 0.04 0.00	19.32 0.04 0.00	18.80 0.04 0.00	18.75 0.04 0.00	22.99 0.07 0.00	28.14 0.11 0.00	23.78 0.10 0.00	24.94 0.07 0.00	29.80 0.18 0.00	31.12 0.25 0.00	32.15 0.25 0.00	29.78 0.15 0.00	27.15 0.11 0.00	23.84 0.10 0.00
WESTERN_NY_WIND 24143	23.93 -0.14 0.00	23.41 0.32 0.00	22.50 0.16 0.00	22.35 0.33 0.00	23.27 0.14 0.00	25.92 0.08 0.00	30.76 -0.47 0.00	31.38 -0.32 0.00	29.56 -0.24 0.00	23.05 0.27 0.00	21.51 0.13 0.00	19.40 0.12 0.00	18.61 -0.15 0.00	18.53 -0.19 0.00	22.55 -0.37 0.00	26.68 -1.35 0.00	23.21 -0.47 0.00	24.52 -0.35 0.00	28.46 -1.16 0.00	29.82 -1.05 0.00	31.51 -0.38 0.00	29.33 -0.30 0.00	26.93 -0.11 0.00	23.77 0.02 0.00
WESTOVER___LESR 323668	24.55 0.48 0.00	23.64 0.55 0.00	22.84 0.49 0.00	22.53 0.51 0.00	23.62 0.49 0.00	26.36 0.52 0.00	31.92 0.69 0.00	32.36 0.67 0.00	30.34 0.54 0.00	23.23 0.46 0.00	21.75 0.36 0.00	19.61 0.33 0.00	19.02 0.26 0.00	18.98 0.26 0.00	23.24 0.32 0.00	28.14 0.11 0.00	24.00 0.31 0.00	25.29 0.42 0.00	29.92 0.30 0.00	31.37 0.49 0.00	32.57 0.67 0.00	30.19 0.56 0.00	27.52 0.49 0.00	24.22 0.47 0.00
WETHRSFD_WT_PWR 323626	24.29 0.22 0.00	23.27 0.18 0.00	22.39 0.04 0.00	22.24 0.22 0.00	23.18 0.05 0.00	25.69 -0.15 0.00	30.39 -0.84 0.00	30.97 -0.73 0.00	29.26 -0.54 0.00	22.93 0.16 0.00	21.47 0.09 0.00	19.42 0.14 0.00	18.67 -0.09 0.00	18.60 -0.11 0.00	22.62 -0.30 0.00	27.24 -0.78 0.00	23.24 -0.45 0.00	24.54 -0.32 0.00	28.35 -1.27 0.00	29.48 -1.39 0.00	31.07 -0.83 0.00	28.47 -1.16 0.00	26.71 -0.32 0.00	23.68 -0.07 0.00
WHAVSTOR_138KV_BK127 55557	25.06 0.99 0.00	23.96 0.88 0.00	23.22 0.87 0.00	22.84 0.81 0.00	24.03 0.90 0.00	26.78 0.93 0.00	32.79 1.56 0.00	33.44 1.74 0.00	31.23 1.43 0.00	23.59 0.82 0.00	22.24 0.86 0.00	20.05 0.77 0.00	19.51 0.75 0.00	19.48 0.77 0.00	23.86 0.94 0.00	29.29 1.26 0.00	24.80 1.11 0.00	26.03 1.17 0.00	31.07 1.45 0.00	32.69 1.82 0.00	33.62 1.72 0.00	31.11 1.48 0.00	28.25 1.22 0.00	24.82 1.07 0.00



WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	25.06 0.99 0.00	23.96 0.88 0.00	23.22 0.87 0.00	22.84 0.81 0.00	24.03 0.90 0.00	26.78 0.93 0.00	32.79 1.56 0.00	33.44 1.74 0.00	31.23 1.43 0.00	23.59 0.82 0.00	22.24 0.86 0.00	20.05 0.77 0.00	19.51 0.75 0.00	19.48 0.77 0.00	23.86 0.94 0.00	29.29 1.26 0.00	24.80 1.11 0.00	26.03 1.17 0.00	31.07 1.45 0.00	32.69 1.82 0.00	33.62 1.72 0.00	31.11 1.48 0.00	28.25 1.22 0.00	24.82 1.07 0.00
WHITEHAL_115KV_TB1 80871	24.89 0.82 0.00	23.82 0.74 0.00	23.06 0.72 0.00	22.73 0.70 0.00	24.03 0.90 0.00	26.98 1.14 0.00	33.01 1.78 0.00	33.66 1.96 0.00	31.08 1.28 0.00	23.23 0.46 0.00	21.62 0.24 0.00	19.47 0.19 0.00	18.97 0.21 0.00	18.90 0.19 0.00	23.42 0.50 0.00	29.31 1.29 0.00	24.35 0.66 0.00	25.58 0.72 0.00	30.95 1.33 0.00	32.60 1.73 0.00	33.78 1.88 0.00	30.96 1.33 0.00	28.09 1.05 0.00	24.56 0.81 0.00
WHITEPLN_13_KV_LOAD 356215	25.37 1.30 0.00	24.24 1.15 0.00	23.49 1.14 0.00	23.08 1.06 0.00	24.29 1.16 0.00	27.14 1.29 0.00	33.29 2.06 0.00	34.01 2.31 0.00	31.74 1.94 0.00	23.93 1.16 0.00	22.56 1.18 0.00	20.30 1.02 0.00	19.77 1.01 0.00	19.76 1.05 0.00	24.20 1.28 0.00	29.82 1.79 0.00	25.23 1.54 0.00	26.41 1.54 0.00	31.57 1.95 0.00	33.22 2.35 0.00	34.22 2.33 0.00	31.59 1.96 0.00	28.63 1.60 0.00	25.15 1.40 0.00
WM_FLOYD_69_KV_BK2 356380	27.55 2.70 -0.79	25.63 2.42 -0.12	24.51 2.17 0.00	24.03 2.00 0.00	25.40 2.27 0.00	28.86 2.89 -0.12	41.35 1.84 -8.28	40.09 2.22 -6.18	32.96 3.16 0.00	24.80 2.03 0.00	24.78 2.37 -1.02	22.34 2.18 -0.89	22.57 2.10 -1.71	20.54 1.70 -0.12	24.96 2.04 0.00	31.56 3.53 0.00	26.67 2.98 0.00	35.05 2.78 -7.40	40.33 2.37 -8.34	58.17 3.15 -24.15	44.57 2.93 -9.73	38.44 2.13 -6.68	30.96 3.11 -0.81	26.67 2.80 -0.12
WOODARD__115KV_TB2 355635	23.71 -0.36 0.00	22.79 -0.30 0.00	22.01 -0.34 0.00	21.76 -0.26 0.00	22.81 -0.32 0.00	25.51 -0.34 0.00	30.89 -0.34 0.00	31.41 -0.29 0.00	29.44 -0.36 0.00	22.64 -0.14 0.00	21.21 -0.17 0.00	19.13 -0.15 0.00	18.57 -0.19 0.00	18.51 -0.21 0.00	22.69 -0.23 0.00	27.52 -0.50 0.00	23.31 -0.38 0.00	24.49 -0.37 0.00	29.06 -0.56 0.00	30.44 -0.43 0.00	31.61 -0.29 0.00	29.24 -0.39 0.00	26.63 -0.41 0.00	23.37 -0.38 0.00
YORK___WARBASSE 23770	25.56 1.49 0.00	24.43 1.34 0.00	23.66 1.32 0.00	23.23 1.21 0.00	24.45 1.32 0.00	27.24 1.40 0.00	37.96 1.87 -4.86	43.85 2.09 -10.06	38.85 1.76 -7.29	38.04 1.07 -14.20	35.55 1.18 -12.99	35.55 1.04 -15.23	35.55 1.03 -15.76	35.53 1.05 -15.77	35.36 1.31 -11.13	35.08 1.82 -5.23	35.24 1.56 -9.99	35.08 1.62 -8.60	37.59 1.90 -6.07	39.71 2.28 -6.55	42.74 2.23 -8.61	34.45 2.01 -2.81	28.79 1.76 0.00	26.20 1.52 -0.93