

# Day Ahead Market Generator LBMP

		--- LBMP \$								--- Marginal Cost of Losses								--- Marginal Cost of Congestion										
Generator Data		11/04/2024																										
Name	PTID	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			
59TH STREET_GT_1 24138	EST	23.40	21.33	21.20	21.11	21.35	25.26	34.43	37.65	31.46	27.73	25.51	25.17	25.29	26.84	27.48	29.82	34.57	48.15	42.72	37.45	32.05	28.30	25.23	22.74			
		1.43	1.19	1.12	1.18	1.15	1.45	1.98	2.27	2.11	1.98	1.80	1.91	1.96	1.96	1.99	2.33	2.65	3.90	3.34	2.90	2.56	2.24	2.04	1.61			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
74TH STREET_GT_1 24260	EST	23.40	21.31	21.23	21.09	21.33	25.24	34.39	37.58	31.40	27.71	25.48	25.14	25.29	26.82	27.48	29.82	34.51	48.07	42.64	37.41	32.08	28.30	25.20	22.65			
		1.43	1.17	1.14	1.16	1.13	1.43	1.95	2.19	2.05	1.96	1.78	1.88	1.96	1.94	1.99	2.34	2.59	3.81	3.27	2.87	2.59	2.24	2.02	1.52			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
74TH STREET_GT_2 24261	EST	23.40	21.31	21.23	21.09	21.33	25.24	34.39	37.58	31.40	27.71	25.48	25.14	25.29	26.82	27.48	29.82	34.51	48.07	42.64	37.41	32.08	28.30	25.20	22.65			
		1.43	1.17	1.14	1.16	1.13	1.43	1.95	2.19	2.05	1.96	1.78	1.88	1.96	1.94	1.99	2.34	2.59	3.81	3.27	2.87	2.59	2.24	2.02	1.52			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ADK HUDSON___FALLS 24011	EST	23.07	21.05	20.94	20.83	21.13	24.91	34.10	37.01	30.70	26.91	24.77	24.31	24.31	25.92	26.67	28.83	33.45	46.91	41.69	36.41	31.04	27.39	24.30	22.48			
		1.10	0.91	0.86	0.90	0.93	1.10	1.65	1.63	1.35	1.16	1.07	1.05	0.98	1.04	1.17	1.35	1.53	2.66	2.32	1.87	1.56	1.33	1.11	1.35			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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 23798	EST	23.11	21.09	20.96	20.85	21.17	24.95	34.20	37.08	30.76	26.96	24.82	24.33	24.34	25.94	26.69	28.88	33.52	47.05	41.81	36.51	31.10	27.44	24.32	22.11			
		1.14	0.95	0.88	0.92	0.97	1.14	1.75	1.70	1.41	1.21	1.11	1.07	1.00	1.07	1.20	1.40	1.60	2.79	2.44	1.97	1.62	1.38	1.14	0.97			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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 24028	EST	23.07	21.05	20.94	20.83	21.13	24.91	34.10	37.01	30.70	26.91	24.77	24.31	24.31	25.92	26.67	28.83	33.45	46.91	41.69	36.41	31.04	27.39	24.30	22.48			
		1.10	0.91	0.86	0.90	0.93	1.10	1.65	1.63	1.35	1.16	1.07	1.05	0.98	1.04	1.17	1.35	1.53	2.66	2.32	1.87	1.56	1.33	1.11	1.35			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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 23527	EST	23.38	21.37	21.31	21.19	21.45	25.31	34.52	37.68	31.35	27.52	25.37	24.91	24.97	26.59	27.28	29.49	34.25	47.62	42.36	37.14	31.69	27.99	24.88	22.57			
		1.41	1.23	1.23	1.26	1.25	1.50	2.08	2.30	2.00	1.78	1.66	1.65	1.63	1.72	1.78	2.01	2.33	3.36	2.99	2.59	2.21	1.93	1.69	1.44			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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 24190	EST	22.70	20.74	20.70	20.57	20.85	24.55	33.52	36.48	30.32	26.62	24.51	24.07	24.17	25.75	26.41	28.55	33.17	46.16	41.03	35.96	30.72	27.13	24.09	21.85			
		0.73	0.60	0.62	0.64	0.65	0.74	1.07	1.10	0.97	0.88	0.81	0.81	0.84	0.87	0.92	1.07	1.24	1.90	1.65	1.42	1.24	1.07	0.90	0.72			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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 355683	EST	21.95	20.18	20.10	19.97	20.22	23.83	32.71	35.70	29.35	25.70	23.61	23.14	23.22	24.78	25.34	27.23	31.63	43.86	38.47	20.21	14.28	10.27	15.12	10.54			
		-0.02	0.04	0.02	0.04	0.02	0.02	0.26	0.32	0.00	-0.05	-0.09	-0.12	-0.12	-0.10	-0.15	-0.25	-0.29	-0.40	-0.39	-0.35	-0.32	-0.29	-0.28	-0.25			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.51	13.99	14.88	15.51	7.79	10.34			
ALBANY_1_SOLAR 323833	EST	22.92	20.92	20.89	20.75	21.05	24.76	33.78	36.69	30.44	26.65	24.51	24.03	24.13	25.75	26.46	28.64	33.26	46.43	41.26	36.17	30.87	27.29	24.21	22.00			
		0.94	0.78	0.80	0.82	0.85	0.95	1.33	1.31	1.09	0.90	0.81	0.77	0.79	0.87	0.97	1.15	1.34	2.17	1.89	1.62	1.39	1.23	1.02	0.87			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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 323834	EST	22.89	20.92	20.89	20.75	21.03	24.76	33.78	36.69	30.44	26.65	24.51	24.03	24.13	25.72	26.46	28.64	33.26	46.43	41.26	36.17	30.87	27.29	24.21	22.00			
		0.92	0.78	0.80	0.82	0.83	0.95	1.33	1.31	1.09	0.90	0.81	0.77	0.79	0.85	0.97	1.15	1.34	2.17	1.89	1.62	1.39	1.23	1.02	0.87			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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 23571	EST	22.70	20.74	20.70	20.57	20.85	24.55	33.52	36.48	30.32	26.62	24.51	24.07	24.17	25.75	26.41	28.55	33.17	46.16	41.03	35.96	30.72	27.13	24.09	21.85			
		0.73	0.60	0.62	0.64	0.65	0.74	1.07	1.10	0.97	0.88	0.81	0.81	0.84	0.87	0.92	1.07	1.24	1.90	1.65	1.42	1.24	1.07	0.90	0.72			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	22.70 0.73 0.00	20.74 0.60 0.00	20.70 0.62 0.00	20.57 0.64 0.00	20.85 0.65 0.00	24.55 0.74 0.00	33.52 1.07 0.00	36.48 1.10 0.00	30.32 0.97 0.00	26.62 0.88 0.00	24.51 0.81 0.00	24.07 0.81 0.00	24.17 0.84 0.00	25.75 0.87 0.00	26.41 0.92 0.00	28.55 1.07 0.00	33.17 1.24 0.00	46.16 1.90 0.00	41.03 1.65 0.00	35.96 1.42 0.00	30.72 1.24 0.00	27.13 1.07 0.00	24.09 0.90 0.00	21.85 0.72 0.00
ALBANY___3 23573	22.70 0.73 0.00	20.74 0.60 0.00	20.70 0.62 0.00	20.57 0.64 0.00	20.85 0.65 0.00	24.55 0.74 0.00	33.52 1.07 0.00	36.48 1.10 0.00	30.32 0.97 0.00	26.62 0.88 0.00	24.51 0.81 0.00	24.07 0.81 0.00	24.17 0.84 0.00	25.75 0.87 0.00	26.41 0.92 0.00	28.55 1.07 0.00	33.17 1.24 0.00	46.16 1.90 0.00	41.03 1.65 0.00	35.96 1.42 0.00	30.72 1.24 0.00	27.13 1.07 0.00	24.09 0.90 0.00	21.85 0.72 0.00
ALBANY___4 23574	22.70 0.73 0.00	20.74 0.60 0.00	20.70 0.62 0.00	20.57 0.64 0.00	20.85 0.65 0.00	24.55 0.74 0.00	33.52 1.07 0.00	36.48 1.10 0.00	30.32 0.97 0.00	26.62 0.88 0.00	24.51 0.81 0.00	24.07 0.81 0.00	24.17 0.84 0.00	25.75 0.87 0.00	26.41 0.92 0.00	28.55 1.07 0.00	33.17 1.24 0.00	46.16 1.90 0.00	41.03 1.65 0.00	35.96 1.42 0.00	30.72 1.24 0.00	27.13 1.07 0.00	24.09 0.90 0.00	21.85 0.72 0.00
ALBANY___LFGE 323615	22.85 0.88 0.00	20.86 0.72 0.00	20.82 0.74 0.00	20.69 0.76 0.00	20.97 0.77 0.00	24.69 0.88 0.00	33.71 1.26 0.00	36.69 1.31 0.00	30.52 1.18 0.00	26.78 1.03 0.00	24.66 0.95 0.00	24.21 0.95 0.00	24.31 0.98 0.00	25.90 1.02 0.00	26.59 1.10 0.00	28.75 1.26 0.00	33.36 1.44 0.00	46.47 2.21 0.00	41.30 1.93 0.00	36.20 1.66 0.00	30.90 1.42 0.00	27.29 1.23 0.00	24.23 1.04 0.00	22.00 0.87 0.00
ALCOA_PA_115KV_PL-6C 55860	22.04 0.07 0.00	20.28 0.14 0.00	20.18 0.10 0.00	20.05 0.12 0.00	20.30 0.10 0.00	23.93 0.12 0.00	32.87 0.42 0.00	35.88 0.50 0.00	29.47 0.12 0.00	25.80 0.05 0.00	23.71 0.00 0.00	23.24 -0.02 0.00	23.31 -0.02 0.00	24.88 0.00 0.00	25.44 -0.05 0.00	27.34 -0.14 0.00	31.76 -0.16 0.00	44.08 -0.18 0.00	38.63 -0.24 0.51	20.35 -0.21 13.99	14.39 -0.21 14.88	10.38 -0.18 15.51	15.21 -0.19 7.79	10.62 -0.17 10.34
ALCOA_RYNLDS___DRP 24188	22.04 0.07 0.00	20.28 0.14 0.00	20.18 0.10 0.00	20.05 0.12 0.00	20.30 0.10 0.00	23.93 0.12 0.00	32.87 0.42 0.00	35.88 0.50 0.00	29.47 0.12 0.00	25.80 0.05 0.00	23.71 0.00 0.00	23.24 -0.02 0.00	23.31 -0.02 0.00	24.88 0.00 0.00	25.44 -0.05 0.00	27.34 -0.14 0.00	31.76 -0.16 0.00	44.08 -0.18 0.00	38.63 -0.24 0.51	20.35 -0.21 13.99	14.39 -0.21 14.88	10.38 -0.18 15.51	15.21 -0.19 7.79	10.62 -0.17 10.34
ALCOA___DSASP 323711	22.04 0.07 0.00	20.28 0.14 0.00	20.18 0.10 0.00	20.05 0.12 0.00	20.30 0.10 0.00	23.93 0.12 0.00	32.87 0.42 0.00	35.88 0.50 0.00	29.47 0.12 0.00	25.80 0.05 0.00	23.71 0.00 0.00	23.24 -0.02 0.00	23.31 -0.02 0.00	24.88 0.00 0.00	25.44 -0.05 0.00	27.35 -0.14 0.00	31.76 -0.16 0.00	44.08 -0.18 0.00	38.63 -0.23 0.51	20.35 -0.21 13.99	14.40 -0.20 14.88	10.38 -0.18 15.51	15.21 -0.19 7.79	10.62 -0.17 10.34
ALLEGHENY___COGEN 23514	21.60 -0.37 0.00	19.84 -0.30 0.00	19.72 -0.36 0.00	19.38 -0.56 0.00	19.74 -0.46 0.00	23.55 -0.26 0.00	32.15 -0.29 0.00	35.31 -0.07 0.00	29.29 -0.06 0.00	25.39 -0.36 0.00	23.40 -0.31 0.00	22.75 -0.51 0.00	22.66 -0.68 0.00	24.35 -0.52 0.00	25.01 -0.49 0.00	26.55 -0.93 0.00	31.22 -0.70 0.00	42.80 -1.46 0.00	38.43 -0.95 0.00	33.75 -0.79 0.00	28.75 -0.74 0.00	25.49 -0.57 0.00	22.79 -0.39 0.00	20.92 -0.21 0.00
ALTAMONT_115KV_TB 2 55880	22.63 0.66 0.00	20.70 0.56 0.00	20.66 0.58 0.00	20.53 0.60 0.00	20.81 0.61 0.00	24.50 0.69 0.00	33.42 0.97 0.00	36.41 1.03 0.00	30.26 0.91 0.00	26.55 0.80 0.00	24.44 0.73 0.00	24.00 0.74 0.00	24.10 0.77 0.00	25.67 0.80 0.00	26.33 0.84 0.00	28.47 0.99 0.00	33.04 1.12 0.00	45.98 1.73 0.00	40.87 1.50 0.00	35.86 1.31 0.00	30.60 1.12 0.00	27.05 0.99 0.00	24.02 0.83 0.00	21.81 0.68 0.00
ALTONA_WT_PWR 323606	22.30 0.33 0.00	20.52 0.38 0.00	20.36 0.28 0.00	20.29 0.36 0.00	20.55 0.34 0.00	24.29 0.48 0.00	33.71 1.26 0.00	36.87 1.49 0.00	30.02 0.68 0.00	26.19 0.44 0.00	23.94 0.24 0.00	23.44 0.19 0.00	23.50 0.16 0.00	25.10 0.22 0.00	25.44 -0.05 0.00	27.15 -0.33 0.00	31.38 -0.54 0.00	42.62 -1.64 0.00	37.25 -1.65 0.47	20.44 -1.28 12.82	14.63 -1.21 13.64	10.71 -1.15 14.21	15.14 -0.90 7.14	10.73 -0.93 9.48
AMERICAN_REF_FUEL 24010	20.04 -1.93 0.00	18.43 -1.71 0.00	18.37 -1.71 0.00	18.02 -1.91 0.00	18.30 -1.90 0.00	21.67 -2.14 0.00	29.53 -2.92 0.00	31.85 -3.54 0.00	26.80 -2.55 0.00	23.61 -2.14 0.00	22.09 -1.61 0.00	21.54 -1.72 0.00	21.65 -1.68 0.00	23.16 -1.72 0.00	23.58 -1.91 0.00	24.82 -2.67 0.00	28.89 -3.03 0.00	38.46 -5.80 0.01	34.69 -4.69 0.00	30.71 -3.84 0.00	26.21 -3.27 0.00	23.46 -2.61 0.00	21.01 -2.18 0.00	19.63 -1.50 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	20.46 -1.52 0.00	18.77 -1.37 0.00	18.71 -1.37 0.00	18.38 -1.55 0.00	18.73 -1.47 0.00	22.12 -1.69 0.00	30.37 -2.08 0.00	32.98 -2.41 0.00	27.65 -1.70 0.00	24.31 -1.44 0.00	22.73 -0.97 0.00	22.17 -1.09 0.00	22.28 -1.05 0.00	23.88 -1.00 0.00	24.30 -1.20 0.00	25.56 -1.92 0.00	29.78 -2.14 0.00	39.79 -4.47 0.01	35.83 -3.54 0.00	31.61 -2.94 0.00	26.92 -2.57 0.00	24.03 -2.03 0.00	21.50 -1.69 0.00	19.91 -1.23 0.00
ARTHUR KILL_GT_1 23520	23.47 1.49 0.00	21.31 1.17 0.00	21.16 1.08 0.00	21.07 1.14 0.00	21.31 1.11 0.00	25.12 1.31 0.00	33.78 1.33 0.00	36.86 1.49 0.01	31.08 1.73 0.00	27.37 1.62 0.00	25.13 1.42 0.00	24.84 1.58 0.00	24.99 1.66 0.00	26.49 1.62 0.00	27.18 1.68 0.00	29.63 2.15 0.00	33.99 2.07 0.01	47.39 3.14 0.01	42.04 2.68 0.01	36.89 2.35 0.01	31.96 2.48 0.00	28.15 2.09 0.00	25.23 2.04 0.00	22.72 1.59 0.00
ARTHUR_KILL_2 23512	23.42 1.45 0.00	21.25 1.11 0.00	21.12 1.04 0.00	21.03 1.10 0.00	21.27 1.07 0.00	25.07 1.26 0.00	33.68 1.23 0.00	36.79 1.42 0.01	30.99 1.64 0.00	27.29 1.54 0.00	25.08 1.37 0.00	24.79 1.53 0.00	24.94 1.61 0.00	26.44 1.57 0.00	27.13 1.63 0.00	29.54 2.06 0.00	33.93 2.01 0.01	47.26 3.01 0.01	41.92 2.56 0.01	36.78 2.24 0.01	31.87 2.39 0.00	28.10 2.03 0.00	25.16 1.97 0.00	22.67 1.54 0.00
ARTHUR_KILL_3 23513	23.22 1.25 0.00	21.17 1.03 0.00	21.03 0.94 0.00	20.95 1.02 0.00	21.19 0.99 0.00	25.07 1.26 0.00	34.13 1.69 0.00	37.29 1.91 0.00	31.17 1.82 0.00	27.47 1.73 0.00	25.30 1.59 0.00	24.98 1.72 0.00	25.09 1.75 0.00	26.62 1.74 0.00	27.25 1.76 0.00	29.57 2.09 0.00	34.22 2.30 0.00	47.67 3.41 0.00	42.28 2.91 0.00	37.10 2.56 0.00	31.84 2.36 0.00	28.10 2.03 0.00	25.06 1.88 0.00	22.59 1.46 0.00



ARTHUR_KILL_COGEN 323718	23.47 1.49 0.00	21.31 1.17 0.00	21.16 1.08 0.00	21.07 1.14 0.00	21.31 1.11 0.00	25.12 1.31 0.00	33.78 1.33 0.00	36.86 1.49 0.01	31.08 1.73 0.00	27.37 1.62 0.00	25.13 1.42 0.00	24.84 1.58 0.00	24.99 1.66 0.00	26.49 1.62 0.00	27.18 1.68 0.00	29.63 2.15 0.00	33.99 2.07 0.01	47.39 3.14 0.01	42.04 2.68 0.01	36.89 2.35 0.01	31.96 2.48 0.00	28.15 2.09 0.00	25.23 2.04 0.00	22.72 1.59 0.00
ASHOKAN____ 23654	22.98 1.01 0.00	20.91 0.77 0.00	20.90 0.82 0.00	20.81 0.88 0.00	21.13 0.93 0.00	24.98 1.17 0.00	34.07 1.62 0.00	36.91 1.52 0.00	30.55 1.20 0.00	26.57 0.82 0.00	24.42 0.71 0.00	23.72 0.46 0.00	23.92 0.58 0.00	25.45 0.57 0.00	26.28 0.79 0.00	28.47 0.99 0.00	33.23 1.31 0.00	46.78 2.52 0.00	41.57 2.20 0.00	36.37 1.83 0.00	31.04 1.56 0.00	27.37 1.30 0.00	24.32 1.14 0.00	21.98 0.85 0.00
ASTORIA_EAST_ENERGY_CC1 323581	23.47 1.49 -0.01	21.33 1.19 0.00	21.18 1.10 0.00	21.09 1.16 0.00	21.33 1.13 0.00	25.19 1.38 0.00	34.26 1.82 0.00	37.40 2.02 0.00	31.29 1.94 0.00	27.58 1.83 0.00	25.34 1.63 0.00	25.07 1.82 0.00	25.20 1.87 0.00	26.69 1.81 0.00	27.35 1.86 0.00	29.76 2.28 0.00	34.32 2.40 0.00	47.80 3.54 0.00	42.40 3.03 0.00	37.24 2.70 0.00	32.08 2.59 0.00	28.25 2.19 0.00	25.30 2.11 0.00	22.78 1.65 0.00
ASTORIA_EAST_ENERGY_CC2 323582	23.47 1.49 -0.01	21.33 1.19 0.00	21.18 1.10 0.00	21.09 1.16 0.00	21.33 1.13 0.00	25.19 1.38 0.00	34.26 1.82 0.00	37.40 2.02 0.00	31.29 1.94 0.00	27.58 1.83 0.00	25.34 1.63 0.00	25.07 1.82 0.00	25.20 1.87 0.00	26.69 1.81 0.00	27.35 1.86 0.00	29.76 2.28 0.00	34.32 2.40 0.00	47.80 3.54 0.00	42.40 3.03 0.00	37.24 2.70 0.00	32.08 2.59 0.00	28.25 2.19 0.00	25.30 2.11 0.00	22.78 1.65 0.00
ASTORIA_GT2_1 24094	23.47 1.49 0.00	21.33 1.19 0.00	21.23 1.14 0.00	21.09 1.16 0.00	21.33 1.13 0.00	25.17 1.36 0.00	34.30 1.85 0.00	37.40 2.02 0.00	31.29 1.94 0.00	27.60 1.85 0.00	25.34 1.64 0.00	25.05 1.79 0.00	25.25 1.91 0.00	26.69 1.82 0.00	27.35 1.86 0.00	29.76 2.28 0.00	34.32 2.39 0.00	47.80 3.54 0.00	42.40 3.03 0.00	37.24 2.69 0.00	32.08 2.59 0.00	28.25 2.19 0.00	25.30 2.11 0.00	22.68 1.54 0.00
ASTORIA_GT2_2 24095	23.47 1.49 0.00	21.33 1.19 0.00	21.23 1.14 0.00	21.09 1.16 0.00	21.33 1.13 0.00	25.17 1.36 0.00	34.30 1.85 0.00	37.40 2.02 0.00	31.29 1.94 0.00	27.60 1.85 0.00	25.34 1.64 0.00	25.05 1.79 0.00	25.25 1.91 0.00	26.69 1.82 0.00	27.35 1.86 0.00	29.76 2.28 0.00	34.32 2.39 0.00	47.80 3.54 0.00	42.40 3.03 0.00	37.24 2.69 0.00	32.08 2.59 0.00	28.25 2.19 0.00	25.30 2.11 0.00	22.68 1.54 0.00
ASTORIA_GT2_3 24096	23.47 1.49 0.00	21.33 1.19 0.00	21.23 1.14 0.00	21.09 1.16 0.00	21.33 1.13 0.00	25.17 1.36 0.00	34.30 1.85 0.00	37.40 2.02 0.00	31.29 1.94 0.00	27.60 1.85 0.00	25.34 1.64 0.00	25.05 1.79 0.00	25.25 1.91 0.00	26.69 1.82 0.00	27.35 1.86 0.00	29.76 2.28 0.00	34.32 2.39 0.00	47.80 3.54 0.00	42.40 3.03 0.00	37.24 2.69 0.00	32.08 2.59 0.00	28.25 2.19 0.00	25.30 2.11 0.00	22.68 1.54 0.00
ASTORIA_GT2_4 24097	23.47 1.49 0.00	21.33 1.19 0.00	21.23 1.14 0.00	21.09 1.16 0.00	21.33 1.13 0.00	25.17 1.36 0.00	34.30 1.85 0.00	37.40 2.02 0.00	31.29 1.94 0.00	27.60 1.85 0.00	25.34 1.64 0.00	25.05 1.79 0.00	25.25 1.91 0.00	26.69 1.82 0.00	27.35 1.86 0.00	29.76 2.28 0.00	34.32 2.39 0.00	47.80 3.54 0.00	42.40 3.03 0.00	37.24 2.69 0.00	32.08 2.59 0.00	28.25 2.19 0.00	25.30 2.11 0.00	22.68 1.54 0.00
ASTORIA_GT3_1 24098	23.47 1.49 0.00	21.33 1.19 0.00	21.23 1.14 0.00	21.09 1.16 0.00	21.33 1.13 0.00	25.17 1.36 0.00	34.30 1.85 0.00	37.40 2.02 0.00	31.29 1.94 0.00	27.60 1.85 0.00	25.34 1.64 0.00	25.05 1.79 0.00	25.25 1.91 0.00	26.69 1.82 0.00	27.35 1.86 0.00	29.76 2.28 0.00	34.32 2.39 0.00	47.80 3.54 0.00	42.40 3.03 0.00	37.24 2.69 0.00	32.08 2.59 0.00	28.25 2.19 0.00	25.30 2.11 0.00	22.68 1.54 0.00
ASTORIA_GT3_2 24099	23.47 1.49 0.00	21.33 1.19 0.00	21.23 1.14 0.00	21.09 1.16 0.00	21.33 1.13 0.00	25.17 1.36 0.00	34.30 1.85 0.00	37.40 2.02 0.00	31.29 1.94 0.00	27.60 1.85 0.00	25.34 1.64 0.00	25.05 1.79 0.00	25.25 1.91 0.00	26.69 1.82 0.00	27.35 1.86 0.00	29.76 2.28 0.00	34.32 2.39 0.00	47.80 3.54 0.00	42.40 3.03 0.00	37.24 2.69 0.00	32.08 2.59 0.00	28.25 2.19 0.00	25.30 2.11 0.00	22.68 1.54 0.00
ASTORIA_GT3_3 24100	23.47 1.49 0.00	21.33 1.19 0.00	21.23 1.14 0.00	21.09 1.16 0.00	21.33 1.13 0.00	25.17 1.36 0.00	34.30 1.85 0.00	37.40 2.02 0.00	31.29 1.94 0.00	27.60 1.85 0.00	25.34 1.64 0.00	25.05 1.79 0.00	25.25 1.91 0.00	26.69 1.82 0.00	27.35 1.86 0.00	29.76 2.28 0.00	34.32 2.39 0.00	47.80 3.54 0.00	42.40 3.03 0.00	37.24 2.69 0.00	32.08 2.59 0.00	28.25 2.19 0.00	25.30 2.11 0.00	22.68 1.54 0.00
ASTORIA_GT3_4 24101	23.47 1.49 0.00	21.33 1.19 0.00	21.23 1.14 0.00	21.09 1.16 0.00	21.33 1.13 0.00	25.17 1.36 0.00	34.30 1.85 0.00	37.40 2.02 0.00	31.29 1.94 0.00	27.60 1.85 0.00	25.34 1.64 0.00	25.05 1.79 0.00	25.25 1.91 0.00	26.69 1.82 0.00	27.35 1.86 0.00	29.76 2.28 0.00	34.32 2.39 0.00	47.80 3.54 0.00	42.40 3.03 0.00	37.24 2.69 0.00	32.08 2.59 0.00	28.25 2.19 0.00	25.30 2.11 0.00	22.68 1.54 0.00
ASTORIA_GT4_1 24102	23.47 1.49 0.00	21.33 1.19 0.00	21.23 1.14 0.00	21.09 1.16 0.00	21.33 1.13 0.00	25.17 1.36 0.00	34.30 1.85 0.00	37.40 2.02 0.00	31.29 1.94 0.00	27.60 1.85 0.00	25.34 1.64 0.00	25.05 1.79 0.00	25.25 1.91 0.00	26.69 1.82 0.00	27.35 1.86 0.00	29.76 2.28 0.00	34.32 2.39 0.00	47.80 3.54 0.00	42.40 3.03 0.00	37.24 2.69 0.00	32.08 2.59 0.00	28.25 2.19 0.00	25.30 2.11 0.00	22.68 1.54 0.00
ASTORIA_GT4_2 24103	23.47 1.49 0.00	21.33 1.19 0.00	21.23 1.14 0.00	21.09 1.16 0.00	21.33 1.13 0.00	25.17 1.36 0.00	34.30 1.85 0.00	37.40 2.02 0.00	31.29 1.94 0.00	27.60 1.85 0.00	25.34 1.64 0.00	25.05 1.79 0.00	25.25 1.91 0.00	26.69 1.82 0.00	27.35 1.86 0.00	29.76 2.28 0.00	34.32 2.39 0.00	47.80 3.54 0.00	42.40 3.03 0.00	37.24 2.69 0.00	32.08 2.59 0.00	28.25 2.19 0.00	25.30 2.11 0.00	22.68 1.54 0.00
ASTORIA_GT4_3 24104	23.47 1.49 0.00	21.33 1.19 0.00	21.23 1.14 0.00	21.09 1.16 0.00	21.33 1.13 0.00	25.17 1.36 0.00	34.30 1.85 0.00	37.40 2.02 0.00	31.29 1.94 0.00	27.60 1.85 0.00	25.34 1.64 0.00	25.05 1.79 0.00	25.25 1.91 0.00	26.69 1.82 0.00	27.35 1.86 0.00	29.76 2.28 0.00	34.32 2.39 0.00	47.80 3.54 0.00	42.40 3.03 0.00	37.24 2.69 0.00	32.08 2.59 0.00	28.25 2.19 0.00	25.30 2.11 0.00	22.68 1.54 0.00



ASTORIA_GT4_4 24105	23.47 1.49 0.00	21.33 1.19 0.00	21.23 1.14 0.00	21.09 1.16 0.00	21.33 1.13 0.00	25.17 1.36 0.00	34.30 1.85 0.00	37.40 2.02 0.00	31.29 1.94 0.00	27.60 1.85 0.00	25.34 1.64 0.00	25.05 1.79 0.00	25.25 1.91 0.00	26.69 1.82 0.00	27.35 1.86 0.00	29.76 2.28 0.00	34.32 2.39 0.00	47.80 3.54 0.00	42.40 3.03 0.00	37.24 2.69 0.00	32.08 2.59 0.00	28.25 2.19 0.00	25.30 2.11 0.00	22.68 1.54 0.00
ASTORIA_GT_1 23523	23.49 1.51 -0.01	21.35 1.21 0.00	21.20 1.12 0.00	21.11 1.18 0.00	21.35 1.15 0.00	25.21 1.40 0.00	34.29 1.85 0.00	37.47 2.09 0.00	31.35 2.00 0.00	27.63 1.88 0.00	25.39 1.68 0.00	25.10 1.84 0.00	25.25 1.91 0.00	26.74 1.87 0.00	27.41 1.91 0.00	29.82 2.33 0.00	34.38 2.46 0.00	47.89 3.63 0.00	42.48 3.11 0.00	37.31 2.76 0.00	32.14 2.65 0.00	28.30 2.24 0.00	25.34 2.16 0.00	22.80 1.67 0.00
ASTORIA_GT_10 24110	23.31 1.34 0.00	21.23 1.09 0.00	21.13 1.04 0.00	20.99 1.06 0.00	21.23 1.03 0.00	25.10 1.29 0.00	34.13 1.69 0.00	37.22 1.84 0.00	31.20 1.85 0.00	27.52 1.78 0.00	25.32 1.61 0.00	25.00 1.74 0.00	25.18 1.84 0.00	26.64 1.77 0.00	27.30 1.81 0.00	29.65 2.17 0.00	34.25 2.33 0.00	47.62 3.36 0.00	42.25 2.87 0.00	37.10 2.56 0.00	31.93 2.45 0.00	28.12 2.06 0.00	25.13 1.95 0.00	22.55 1.42 0.00
ASTORIA_GT_11 24225	23.31 1.34 0.00	21.23 1.09 0.00	21.13 1.04 0.00	20.99 1.06 0.00	21.23 1.03 0.00	25.10 1.29 0.00	34.13 1.69 0.00	37.22 1.84 0.00	31.20 1.85 0.00	27.52 1.78 0.00	25.32 1.61 0.00	25.00 1.74 0.00	25.18 1.84 0.00	26.64 1.77 0.00	27.30 1.81 0.00	29.65 2.17 0.00	34.25 2.33 0.00	47.62 3.36 0.00	42.25 2.87 0.00	37.10 2.56 0.00	31.93 2.45 0.00	28.12 2.06 0.00	25.13 1.95 0.00	22.55 1.42 0.00
ASTORIA_GT_12 24226	23.31 1.34 0.00	21.23 1.09 0.00	21.13 1.04 0.00	20.99 1.06 0.00	21.23 1.03 0.00	25.10 1.29 0.00	34.13 1.69 0.00	37.22 1.84 0.00	31.20 1.85 0.00	27.52 1.78 0.00	25.32 1.61 0.00	25.00 1.74 0.00	25.18 1.84 0.00	26.64 1.77 0.00	27.30 1.81 0.00	29.65 2.17 0.00	34.25 2.33 0.00	47.62 3.36 0.00	42.25 2.87 0.00	37.10 2.56 0.00	31.93 2.45 0.00	28.12 2.06 0.00	25.13 1.95 0.00	22.55 1.42 0.00
ASTORIA_GT_13 24227	23.31 1.34 0.00	21.23 1.09 0.00	21.13 1.04 0.00	20.99 1.06 0.00	21.23 1.03 0.00	25.10 1.29 0.00	34.13 1.69 0.00	37.22 1.84 0.00	31.20 1.85 0.00	27.52 1.78 0.00	25.32 1.61 0.00	25.00 1.74 0.00	25.18 1.84 0.00	26.64 1.77 0.00	27.30 1.81 0.00	29.65 2.17 0.00	34.25 2.33 0.00	47.62 3.36 0.00	42.25 2.87 0.00	37.10 2.56 0.00	31.93 2.45 0.00	28.12 2.06 0.00	25.13 1.95 0.00	22.55 1.42 0.00
ASTORIA_GT_5 24106	23.49 1.52 0.00	21.35 1.21 0.00	21.25 1.16 0.00	21.11 1.18 0.00	21.35 1.15 0.00	25.21 1.40 0.00	34.36 1.91 0.00	37.47 2.09 0.00	31.34 2.00 0.00	27.65 1.91 0.00	25.39 1.68 0.00	25.10 1.84 0.00	25.27 1.94 0.00	26.74 1.87 0.00	27.41 1.91 0.00	29.82 2.34 0.00	34.38 2.46 0.00	47.89 3.63 0.00	42.48 3.11 0.00	37.31 2.76 0.00	32.13 2.65 0.00	28.30 2.24 0.00	25.32 2.13 0.00	22.72 1.58 0.00
ASTORIA_GT_7 24107	23.49 1.52 0.00	21.35 1.21 0.00	21.25 1.16 0.00	21.11 1.18 0.00	21.35 1.15 0.00	25.21 1.40 0.00	34.36 1.91 0.00	37.47 2.09 0.00	31.34 2.00 0.00	27.65 1.91 0.00	25.39 1.68 0.00	25.10 1.84 0.00	25.27 1.94 0.00	26.74 1.87 0.00	27.41 1.91 0.00	29.82 2.34 0.00	34.38 2.46 0.00	47.89 3.63 0.00	42.48 3.11 0.00	37.31 2.76 0.00	32.13 2.65 0.00	28.30 2.24 0.00	25.32 2.13 0.00	22.72 1.58 0.00
ASTORIA_GT_8 24108	23.49 1.52 0.00	21.35 1.21 0.00	21.25 1.16 0.00	21.11 1.18 0.00	21.35 1.15 0.00	25.21 1.40 0.00	34.36 1.91 0.00	37.47 2.09 0.00	31.34 2.00 0.00	27.65 1.91 0.00	25.39 1.68 0.00	25.10 1.84 0.00	25.27 1.94 0.00	26.74 1.87 0.00	27.41 1.91 0.00	29.82 2.34 0.00	34.38 2.46 0.00	47.89 3.63 0.00	42.48 3.11 0.00	37.31 2.76 0.00	32.13 2.65 0.00	28.30 2.24 0.00	25.32 2.13 0.00	22.72 1.58 0.00
ASTORIA___2 24149	23.47 1.49 -0.01	21.33 1.19 0.00	21.18 1.10 0.00	21.09 1.16 0.00	21.33 1.13 0.00	25.19 1.38 0.00	34.26 1.82 0.00	37.40 2.02 0.00	31.29 1.94 0.00	27.58 1.83 0.00	25.34 1.63 0.00	25.07 1.82 0.00	25.20 1.87 0.00	26.69 1.81 0.00	27.35 1.86 0.00	29.76 2.28 0.00	34.32 2.40 0.00	47.80 3.54 0.00	42.40 3.03 0.00	37.24 2.70 0.00	32.08 2.59 0.00	28.25 2.19 0.00	25.30 2.11 0.00	22.78 1.65 0.00
ASTORIA___3 23516	23.31 1.34 0.00	21.21 1.07 0.00	21.08 1.00 0.00	20.99 1.06 0.00	21.23 1.03 0.00	25.09 1.28 0.00	34.10 1.65 0.00	37.22 1.84 0.00	31.20 1.85 0.00	27.50 1.75 0.00	25.32 1.61 0.00	25.00 1.75 0.00	25.13 1.80 0.00	26.64 1.77 0.00	27.30 1.81 0.00	29.65 2.17 0.00	34.25 2.33 0.00	47.62 3.36 0.00	42.24 2.87 0.00	37.10 2.56 0.00	31.90 2.42 0.00	28.12 2.06 0.00	25.14 1.95 0.00	22.65 1.52 0.00
ASTORIA___4 23517	23.31 1.34 0.00	21.23 1.09 0.00	21.13 1.04 0.00	20.99 1.06 0.00	21.23 1.03 0.00	25.10 1.29 0.00	34.13 1.69 0.00	37.22 1.84 0.00	31.20 1.85 0.00	27.52 1.78 0.00	25.32 1.61 0.00	25.00 1.74 0.00	25.18 1.84 0.00	26.64 1.77 0.00	27.30 1.81 0.00	29.65 2.17 0.00	34.25 2.33 0.00	47.62 3.36 0.00	42.25 2.87 0.00	37.10 2.56 0.00	31.93 2.45 0.00	28.12 2.06 0.00	25.13 1.95 0.00	22.55 1.42 0.00
ASTORIA___5 23518	23.31 1.34 0.00	21.21 1.07 0.00	21.08 1.00 0.00	20.99 1.06 0.00	21.23 1.03 0.00	25.09 1.28 0.00	34.10 1.65 0.00	37.22 1.84 0.00	31.20 1.85 0.00	27.50 1.75 0.00	25.32 1.61 0.00	25.00 1.75 0.00	25.13 1.80 0.00	26.64 1.77 0.00	27.30 1.81 0.00	29.65 2.17 0.00	34.25 2.33 0.00	47.62 3.36 0.00	42.24 2.87 0.00	37.10 2.56 0.00	31.90 2.42 0.00	28.12 2.06 0.00	25.14 1.95 0.00	22.65 1.52 0.00
AST_ENERGY_2_CC3 323677	23.25 1.27 0.00	21.19 1.05 0.00	21.04 0.96 0.00	20.95 1.02 0.00	21.21 1.01 0.00	25.07 1.26 0.00	34.10 1.65 0.00	37.29 1.91 0.00	31.17 1.82 0.00	27.47 1.73 0.00	25.30 1.59 0.00	24.96 1.70 0.00	25.09 1.75 0.00	26.62 1.74 0.00	27.25 1.76 0.00	29.57 2.09 0.00	34.22 2.30 0.00	47.67 3.41 0.00	42.28 2.91 0.00	37.10 2.56 0.00	31.81 2.33 0.00	28.07 2.01 0.00	25.04 1.86 0.00	22.61 1.48 0.00
AST_ENERGY_2_CC4 323678	23.25 1.27 0.00	21.19 1.05 0.00	21.04 0.96 0.00	20.95 1.02 0.00	21.21 1.01 0.00	25.07 1.26 0.00	34.10 1.65 0.00	37.29 1.91 0.00	31.17 1.82 0.00	27.47 1.73 0.00	25.30 1.59 0.00	24.96 1.70 0.00	25.09 1.75 0.00	26.62 1.74 0.00	27.25 1.76 0.00	29.57 2.09 0.00	34.22 2.30 0.00	47.67 3.41 0.00	42.28 2.91 0.00	37.10 2.56 0.00	31.81 2.33 0.00	28.07 2.01 0.00	25.04 1.86 0.00	22.61 1.48 0.00



ATHENS_STG_1 23668	22.63 0.66 0.00	20.68 0.54 0.00	20.64 0.56 0.00	20.53 0.60 0.00	20.79 0.59 0.00	24.50 0.69 0.00	33.35 0.91 0.00	36.41 1.03 0.00	30.29 0.94 0.00	26.60 0.85 0.00	24.51 0.81 0.00	24.07 0.81 0.00	24.17 0.84 0.00	25.75 0.87 0.00	26.39 0.89 0.00	28.55 1.07 0.00	33.13 1.21 0.00	46.07 1.82 0.00	40.95 1.58 0.00	35.93 1.38 0.00	30.72 1.24 0.00	27.13 1.07 0.00	24.14 0.95 0.00	21.87 0.74 0.00
ATHENS_STG_2 23670	22.63 0.66 0.00	20.68 0.54 0.00	20.64 0.56 0.00	20.53 0.60 0.00	20.79 0.59 0.00	24.50 0.69 0.00	33.35 0.91 0.00	36.41 1.03 0.00	30.29 0.94 0.00	26.60 0.85 0.00	24.51 0.81 0.00	24.07 0.81 0.00	24.17 0.84 0.00	25.75 0.87 0.00	26.39 0.89 0.00	28.55 1.07 0.00	33.13 1.21 0.00	46.07 1.82 0.00	40.95 1.58 0.00	35.93 1.38 0.00	30.72 1.24 0.00	27.13 1.07 0.00	24.14 0.95 0.00	21.87 0.74 0.00
ATHENS_STG_3 23677	22.63 0.66 0.00	20.68 0.54 0.00	20.64 0.56 0.00	20.53 0.60 0.00	20.79 0.59 0.00	24.50 0.69 0.00	33.35 0.91 0.00	36.41 1.03 0.00	30.29 0.94 0.00	26.60 0.85 0.00	24.51 0.81 0.00	24.07 0.81 0.00	24.17 0.84 0.00	25.75 0.87 0.00	26.39 0.89 0.00	28.55 1.07 0.00	33.13 1.21 0.00	46.07 1.82 0.00	40.95 1.58 0.00	35.93 1.38 0.00	30.72 1.24 0.00	27.13 1.07 0.00	24.14 0.95 0.00	21.87 0.74 0.00
AUBURN___LFGE 323710	21.66 -0.31 0.00	19.88 -0.26 0.00	19.78 -0.30 0.00	19.60 -0.34 0.00	19.90 -0.30 0.00	23.55 -0.26 0.00	32.02 -0.42 0.00	35.00 -0.39 0.00	29.11 -0.23 0.00	25.52 -0.23 0.00	23.49 -0.21 0.00	23.03 -0.23 0.00	23.05 -0.28 0.00	24.65 -0.22 0.00	25.29 -0.20 0.00	27.18 -0.30 0.00	31.63 -0.29 0.00	43.68 -0.58 0.00	38.98 -0.39 0.00	34.13 -0.41 0.00	29.10 -0.38 0.00	25.75 -0.31 0.00	22.91 -0.28 0.00	20.94 -0.19 0.00
BABYLON_RES_REC 323704	23.16 1.19 0.00	21.13 0.99 0.00	21.10 1.02 0.00	20.87 0.94 0.00	21.07 0.87 0.00	25.07 1.26 0.00	33.45 1.01 0.01	37.12 1.73 0.00	30.96 1.61 0.00	27.70 1.96 0.00	25.77 2.06 0.00	25.57 2.21 -0.10	25.48 2.15 0.00	28.40 2.29 -1.23	29.34 2.34 -1.51	30.12 2.64 0.00	35.35 2.81 -0.62	53.35 3.67 -5.42	42.64 3.27 0.00	37.48 2.93 0.00	32.25 2.77 0.00	30.13 2.69 -1.38	28.48 2.48 -2.81	23.67 2.05 -0.49
BABYLON__69_KV_BK2 356345	23.33 1.36 0.00	21.31 1.17 0.00	21.37 1.29 0.00	21.17 1.24 0.00	21.21 1.01 0.00	25.29 1.48 0.00	33.74 1.30 0.01	37.40 2.02 0.00	31.17 1.82 0.00	27.99 2.24 0.00	25.96 2.25 0.00	25.75 2.40 -0.10	25.69 2.36 0.00	28.57 2.49 -1.21	29.54 2.57 -1.48	30.31 2.83 0.00	35.94 3.42 -0.60	54.26 4.69 -5.31	43.51 4.13 0.00	38.10 3.56 0.00	32.64 3.15 0.00	30.41 3.00 -1.35	28.69 2.69 -2.81	23.77 2.16 -0.49
BALL_HILL_WT_PWR 323825	20.74 -1.23 0.00	19.07 -1.07 0.00	19.00 -1.08 0.00	18.66 -1.28 0.00	18.99 -1.21 0.00	22.45 -1.36 0.00	30.76 -1.69 0.00	33.33 -2.05 0.00	27.97 -1.38 0.00	24.59 -1.16 0.00	23.00 -0.71 0.00	22.42 -0.84 0.00	22.54 -0.79 0.00	24.10 -0.77 0.00	24.52 -0.97 0.00	25.86 -1.62 0.00	30.13 -1.79 0.00	40.27 -3.98 0.01	36.30 -3.07 0.00	32.09 -2.45 0.00	27.33 -2.15 0.00	24.42 -1.64 0.00	21.84 -1.35 0.00	20.27 -0.87 0.00
BARON_WINDS___WT_PWR 323822	21.07 -0.90 0.00	19.35 -0.79 0.00	19.24 -0.84 0.00	18.96 -0.98 0.00	19.27 -0.93 0.00	22.79 -1.02 0.00	31.18 -1.27 0.00	33.93 -1.45 0.00	28.35 -1.00 0.00	24.87 -0.88 0.00	23.09 -0.62 0.00	22.56 -0.70 0.00	22.68 -0.65 0.00	24.20 -0.67 0.00	24.70 -0.79 0.00	26.27 -1.21 0.00	30.61 -1.31 0.00	41.38 -2.88 0.00	37.21 -2.17 0.00	32.75 -1.80 0.00	27.92 -1.56 0.00	24.81 -1.25 0.00	22.14 -1.04 0.00	20.35 -0.78 0.00
BARRETT_IC_1 23704	23.09 1.12 0.00	21.07 0.93 0.00	21.01 0.92 0.00	20.81 0.88 0.00	21.01 0.81 0.00	24.95 1.14 0.00	33.38 0.94 0.01	36.94 1.56 0.00	30.90 1.55 0.00	27.63 1.88 0.00	25.65 1.94 0.00	25.42 2.07 -0.09	25.39 2.05 0.00	28.07 2.06 -1.13	28.96 2.09 -1.38	29.96 2.47 0.00	35.07 2.58 -0.57	52.80 3.58 -4.96	42.60 3.23 0.00	37.41 2.87 0.00	32.02 2.54 0.00	29.70 2.37 -1.26	28.24 2.25 -2.81	23.48 1.86 -0.49
BARRETT_IC_10 23701	23.09 1.12 0.00	21.07 0.93 0.00	21.01 0.92 0.00	20.81 0.88 0.00	21.01 0.81 0.00	24.95 1.14 0.00	33.38 0.94 0.01	36.94 1.56 0.00	30.90 1.55 0.00	27.63 1.88 0.00	25.65 1.94 0.00	25.42 2.07 -0.09	25.39 2.05 0.00	28.07 2.06 -1.13	28.96 2.09 -1.38	29.96 2.47 0.00	35.07 2.58 -0.57	52.80 3.58 -4.96	42.60 3.23 0.00	37.41 2.87 0.00	32.02 2.54 0.00	29.70 2.37 -1.26	28.24 2.25 -2.81	23.48 1.86 -0.49
BARRETT_IC_11 23702	23.09 1.12 0.00	21.07 0.93 0.00	21.01 0.92 0.00	20.81 0.88 0.00	21.01 0.81 0.00	24.95 1.14 0.00	33.38 0.94 0.01	36.94 1.56 0.00	30.90 1.55 0.00	27.63 1.88 0.00	25.65 1.94 0.00	25.42 2.07 -0.09	25.39 2.05 0.00	28.07 2.06 -1.13	28.96 2.09 -1.38	29.96 2.47 0.00	35.07 2.58 -0.57	52.80 3.58 -4.96	42.60 3.23 0.00	37.41 2.87 0.00	32.02 2.54 0.00	29.70 2.37 -1.26	28.24 2.25 -2.81	23.48 1.86 -0.49
BARRETT_IC_12 23703	23.09 1.12 0.00	21.07 0.93 0.00	21.01 0.92 0.00	20.81 0.88 0.00	21.01 0.81 0.00	24.95 1.14 0.00	33.38 0.94 0.01	36.94 1.56 0.00	30.90 1.55 0.00	27.63 1.88 0.00	25.65 1.94 0.00	25.42 2.07 -0.09	25.39 2.05 0.00	28.07 2.06 -1.13	28.96 2.09 -1.38	29.96 2.47 0.00	35.07 2.58 -0.57	52.80 3.58 -4.96	42.60 3.23 0.00	37.41 2.87 0.00	32.02 2.54 0.00	29.70 2.37 -1.26	28.24 2.25 -2.81	23.48 1.86 -0.49
BARRETT_IC_2 23705	23.09 1.12 0.00	21.07 0.93 0.00	21.01 0.92 0.00	20.81 0.88 0.00	21.01 0.81 0.00	24.95 1.14 0.00	33.38 0.94 0.01	36.94 1.56 0.00	30.90 1.55 0.00	27.63 1.88 0.00	25.65 1.94 0.00	25.42 2.07 -0.09	25.39 2.05 0.00	28.07 2.06 -1.13	28.96 2.09 -1.38	29.96 2.47 0.00	35.07 2.58 -0.57	52.80 3.58 -4.96	42.60 3.23 0.00	37.41 2.87 0.00	32.02 2.54 0.00	29.70 2.37 -1.26	28.24 2.25 -2.81	23.48 1.86 -0.49
BARRETT_IC_3 23706	23.09 1.12 0.00	21.07 0.93 0.00	21.01 0.92 0.00	20.81 0.88 0.00	21.01 0.81 0.00	24.95 1.14 0.00	33.38 0.94 0.01	36.94 1.56 0.00	30.90 1.55 0.00	27.63 1.88 0.00	25.65 1.94 0.00	25.42 2.07 -0.09	25.39 2.05 0.00	28.07 2.06 -1.13	28.96 2.09 -1.38	29.96 2.47 0.00	35.07 2.58 -0.57	52.80 3.58 -4.96	42.60 3.23 0.00	37.41 2.87 0.00	32.02 2.54 0.00	29.70 2.37 -1.26	28.24 2.25 -2.81	23.48 1.86 -0.49
BARRETT_IC_4 23707	23.09 1.12 0.00	21.07 0.93 0.00	21.01 0.92 0.00	20.81 0.88 0.00	21.01 0.81 0.00	24.95 1.14 0.00	33.38 0.94 0.01	36.94 1.56 0.00	30.90 1.55 0.00	27.63 1.88 0.00	25.65 1.94 0.00	25.42 2.07 -0.09	25.39 2.05 0.00	28.07 2.06 -1.13	28.96 2.09 -1.38	29.96 2.47 0.00	35.07 2.58 -0.57	52.80 3.58 -4.96	42.60 3.23 0.00	37.41 2.87 0.00	32.02 2.54 0.00	29.70 2.37 -1.26	28.24 2.25 -2.81	23.48 1.86 -0.49



BARRETT_IC_5 23708	23.09 1.12 0.00	21.07 0.93 0.00	21.01 0.92 0.00	20.81 0.88 0.00	21.01 0.81 0.00	24.95 1.14 0.00	33.38 0.94 0.01	36.94 1.56 0.00	30.90 1.55 0.00	27.63 1.88 0.00	25.65 1.94 0.00	25.42 2.07 -0.09	25.39 2.05 0.00	28.07 2.06 -1.13	28.96 2.09 -1.38	29.96 2.47 0.00	35.07 2.58 -0.57	52.80 3.58 -4.96	42.60 3.23 0.00	37.41 2.87 0.00	32.02 2.54 0.00	29.70 2.37 -1.26	28.24 2.25 -2.81	23.48 1.86 -0.49
BARRETT_IC_6 23709	23.09 1.12 0.00	21.07 0.93 0.00	21.01 0.92 0.00	20.81 0.88 0.00	21.01 0.81 0.00	24.95 1.14 0.00	33.38 0.94 0.01	36.94 1.56 0.00	30.90 1.55 0.00	27.63 1.88 0.00	25.65 1.94 0.00	25.42 2.07 -0.09	25.39 2.05 0.00	28.07 2.06 -1.13	28.96 2.09 -1.38	29.96 2.47 0.00	35.07 2.58 -0.57	52.80 3.58 -4.96	42.60 3.23 0.00	37.41 2.87 0.00	32.02 2.54 0.00	29.70 2.37 -1.26	28.24 2.25 -2.81	23.48 1.86 -0.49
BARRETT_IC_7 23710	23.09 1.12 0.00	21.07 0.93 0.00	21.09 1.00 0.00	20.89 0.96 0.00	21.01 0.81 0.00	24.98 1.17 0.00	33.41 0.97 0.01	36.94 1.56 0.00	30.90 1.56 0.00	27.71 1.96 0.00	25.65 1.94 0.00	25.42 2.07 -0.09	25.41 2.08 0.00	28.07 2.06 -1.13	28.96 2.09 -1.38	29.90 2.42 0.00	35.07 2.59 -0.57	52.81 3.58 -4.96	42.60 3.23 0.00	37.41 2.87 0.00	32.11 2.62 0.00	29.73 2.40 -1.26	28.25 2.25 -2.81	23.37 1.75 -0.49
BARRETT_IC_8 23711	23.09 1.12 0.00	21.07 0.93 0.00	21.01 0.92 0.00	20.81 0.88 0.00	21.01 0.81 0.00	24.95 1.14 0.00	33.38 0.94 0.01	36.94 1.56 0.00	30.90 1.55 0.00	27.63 1.88 0.00	25.65 1.94 0.00	25.42 2.07 -0.09	25.39 2.05 0.00	28.07 2.06 -1.13	28.96 2.09 -1.38	29.96 2.47 0.00	35.07 2.58 -0.57	52.80 3.58 -4.96	42.60 3.23 0.00	37.41 2.87 0.00	32.02 2.54 0.00	29.70 2.37 -1.26	28.24 2.25 -2.81	23.48 1.86 -0.49
BARRETT_IC_9 23700	23.09 1.12 0.00	21.07 0.93 0.00	21.01 0.92 0.00	20.81 0.88 0.00	21.01 0.81 0.00	24.95 1.14 0.00	33.38 0.94 0.01	36.94 1.56 0.00	30.90 1.55 0.00	27.63 1.88 0.00	25.65 1.94 0.00	25.42 2.07 -0.09	25.39 2.05 0.00	28.07 2.06 -1.13	28.96 2.09 -1.38	29.96 2.47 0.00	35.07 2.58 -0.57	52.80 3.58 -4.96	42.60 3.23 0.00	37.41 2.87 0.00	32.02 2.54 0.00	29.70 2.37 -1.26	28.24 2.25 -2.81	23.48 1.86 -0.49
BARRETT___1 23545	23.09 1.12 0.00	21.07 0.93 0.00	21.01 0.92 0.00	20.81 0.88 0.00	21.01 0.81 0.00	24.95 1.14 0.00	33.38 0.94 0.01	36.94 1.56 0.00	30.90 1.55 0.00	27.63 1.88 0.00	25.65 1.94 0.00	25.42 2.07 -0.09	25.39 2.05 0.00	28.07 2.06 -1.13	28.96 2.09 -1.38	29.96 2.47 0.00	35.07 2.58 -0.57	52.80 3.58 -4.96	42.60 3.23 0.00	37.41 2.87 0.00	32.02 2.54 0.00	29.70 2.37 -1.26	28.24 2.25 -2.81	23.48 1.86 -0.49
BARRETT___2 23546	23.09 1.12 0.00	21.07 0.93 0.00	21.01 0.92 0.00	20.81 0.88 0.00	21.01 0.81 0.00	24.95 1.14 0.00	33.38 0.94 0.01	36.94 1.56 0.00	30.90 1.55 0.00	27.63 1.88 0.00	25.65 1.94 0.00	25.42 2.07 -0.09	25.39 2.05 0.00	28.07 2.06 -1.13	28.96 2.09 -1.38	29.96 2.47 0.00	35.07 2.58 -0.57	52.80 3.58 -4.96	42.60 3.23 0.00	37.41 2.87 0.00	32.02 2.54 0.00	29.70 2.37 -1.26	28.24 2.25 -2.81	23.48 1.86 -0.49
BATAVIA__115KV_TB1 55881	20.83 -1.14 0.00	19.15 -0.99 0.00	18.90 -1.18 0.00	18.74 -1.20 0.00	19.05 -1.15 0.00	22.69 -1.12 0.00	30.79 -1.65 0.00	33.65 -1.73 0.00	28.23 -1.12 0.00	24.69 -1.06 0.00	23.07 -0.64 0.00	22.49 -0.77 0.00	22.49 -0.84 0.00	24.18 -0.70 0.00	24.70 -0.79 0.00	25.94 -1.54 0.00	30.29 -1.63 0.00	40.76 -3.50 0.00	36.58 -2.80 0.00	32.23 -2.31 0.00	27.42 -2.06 0.00	24.47 -1.59 0.00	21.93 -1.25 0.00	20.33 -0.80 0.00
BAYONEEC___CTG1 323682	23.27 1.30 0.00	21.21 1.07 0.00	21.08 1.00 0.00	20.99 1.06 0.00	21.23 1.03 0.00	25.12 1.31 0.00	34.16 1.72 0.00	37.36 1.98 0.00	31.23 1.88 0.00	27.52 1.78 0.00	25.34 1.63 0.00	25.00 1.75 0.00	25.13 1.80 0.00	26.67 1.79 0.00	27.30 1.81 0.00	29.63 2.15 0.00	34.28 2.36 0.00	47.75 3.50 0.00	42.36 2.99 0.00	37.17 2.62 0.00	31.87 2.39 0.00	28.15 2.09 0.00	25.09 1.90 0.00	22.63 1.50 0.00
BAYONEEC___CTG10 323750	23.27 1.30 0.00	21.21 1.07 0.00	21.08 1.00 0.00	20.99 1.06 0.00	21.23 1.03 0.00	25.12 1.31 0.00	34.16 1.72 0.00	37.36 1.98 0.00	31.23 1.88 0.00	27.52 1.78 0.00	25.34 1.63 0.00	25.00 1.75 0.00	25.13 1.80 0.00	26.67 1.79 0.00	27.30 1.81 0.00	29.63 2.15 0.00	34.28 2.36 0.00	47.75 3.50 0.00	42.36 2.99 0.00	37.17 2.62 0.00	31.87 2.39 0.00	28.15 2.09 0.00	25.09 1.90 0.00	22.63 1.50 0.00
BAYONEEC___CTG2 323683	23.27 1.30 0.00	21.21 1.07 0.00	21.08 1.00 0.00	20.99 1.06 0.00	21.23 1.03 0.00	25.12 1.31 0.00	34.16 1.72 0.00	37.36 1.98 0.00	31.23 1.88 0.00	27.52 1.78 0.00	25.34 1.63 0.00	25.00 1.75 0.00	25.13 1.80 0.00	26.67 1.79 0.00	27.30 1.81 0.00	29.63 2.15 0.00	34.28 2.36 0.00	47.75 3.50 0.00	42.36 2.99 0.00	37.17 2.62 0.00	31.87 2.39 0.00	28.15 2.09 0.00	25.09 1.90 0.00	22.63 1.50 0.00
BAYONEEC___CTG3 323684	23.27 1.30 0.00	21.21 1.07 0.00	21.08 1.00 0.00	20.99 1.06 0.00	21.23 1.03 0.00	25.12 1.31 0.00	34.16 1.72 0.00	37.36 1.98 0.00	31.23 1.88 0.00	27.52 1.78 0.00	25.34 1.63 0.00	25.00 1.75 0.00	25.13 1.80 0.00	26.67 1.79 0.00	27.30 1.81 0.00	29.63 2.15 0.00	34.28 2.36 0.00	47.75 3.50 0.00	42.36 2.99 0.00	37.17 2.62 0.00	31.87 2.39 0.00	28.15 2.09 0.00	25.09 1.90 0.00	22.63 1.50 0.00
BAYONEEC___CTG4 323685	23.27 1.30 0.00	21.21 1.07 0.00	21.08 1.00 0.00	20.99 1.06 0.00	21.23 1.03 0.00	25.12 1.31 0.00	34.16 1.72 0.00	37.36 1.98 0.00	31.23 1.88 0.00	27.52 1.78 0.00	25.34 1.63 0.00	25.00 1.75 0.00	25.13 1.80 0.00	26.67 1.79 0.00	27.30 1.81 0.00	29.63 2.15 0.00	34.28 2.36 0.00	47.75 3.50 0.00	42.36 2.99 0.00	37.17 2.62 0.00	31.87 2.39 0.00	28.15 2.09 0.00	25.09 1.90 0.00	22.63 1.50 0.00
BAYONEEC___CTG5 323686	23.27 1.30 0.00	21.21 1.07 0.00	21.08 1.00 0.00	20.99 1.06 0.00	21.23 1.03 0.00	25.12 1.31 0.00	34.16 1.72 0.00	37.36 1.98 0.00	31.23 1.88 0.00	27.52 1.78 0.00	25.34 1.63 0.00	25.00 1.75 0.00	25.13 1.80 0.00	26.67 1.79 0.00	27.30 1.81 0.00	29.63 2.15 0.00	34.28 2.36 0.00	47.75 3.50 0.00	42.36 2.99 0.00	37.17 2.62 0.00	31.87 2.39 0.00	28.15 2.09 0.00	25.09 1.90 0.00	22.63 1.50 0.00
BAYONEEC___CTG6 323687	23.27 1.30 0.00	21.21 1.07 0.00	21.08 1.00 0.00	20.99 1.06 0.00	21.23 1.03 0.00	25.12 1.31 0.00	34.16 1.72 0.00	37.36 1.98 0.00	31.23 1.88 0.00	27.52 1.78 0.00	25.34 1.63 0.00	25.00 1.75 0.00	25.13 1.80 0.00	26.67 1.79 0.00	27.30 1.81 0.00	29.63 2.15 0.00	34.28 2.36 0.00	47.75 3.50 0.00	42.36 2.99 0.00	37.17 2.62 0.00	31.87 2.39 0.00	28.15 2.09 0.00	25.09 1.90 0.00	22.63 1.50 0.00



BAYONEEC___CTG7 323688	23.27 1.30 0.00	21.21 1.07 0.00	21.08 1.00 0.00	20.99 1.06 0.00	21.23 1.03 0.00	25.12 1.31 0.00	34.16 1.72 0.00	37.36 1.98 0.00	31.23 1.88 0.00	27.52 1.78 0.00	25.34 1.63 0.00	25.00 1.75 0.00	25.13 1.80 0.00	26.67 1.79 0.00	27.30 1.81 0.00	29.63 2.15 0.00	34.28 2.36 0.00	47.75 3.50 0.00	42.36 2.99 0.00	37.17 2.62 0.00	31.87 2.39 0.00	28.15 2.09 0.00	25.09 1.90 0.00	22.63 1.50 0.00
BAYONEEC___CTG8 323689	23.27 1.30 0.00	21.21 1.07 0.00	21.08 1.00 0.00	20.99 1.06 0.00	21.23 1.03 0.00	25.12 1.31 0.00	34.16 1.72 0.00	37.36 1.98 0.00	31.23 1.88 0.00	27.52 1.78 0.00	25.34 1.63 0.00	25.00 1.75 0.00	25.13 1.80 0.00	26.67 1.79 0.00	27.30 1.81 0.00	29.63 2.15 0.00	34.28 2.36 0.00	47.75 3.50 0.00	42.36 2.99 0.00	37.17 2.62 0.00	31.87 2.39 0.00	28.15 2.09 0.00	25.09 1.90 0.00	22.63 1.50 0.00
BAYONEEC___CTG9 323749	23.27 1.30 0.00	21.21 1.07 0.00	21.08 1.00 0.00	20.99 1.06 0.00	21.23 1.03 0.00	25.12 1.31 0.00	34.16 1.72 0.00	37.36 1.98 0.00	31.23 1.88 0.00	27.52 1.78 0.00	25.34 1.63 0.00	25.00 1.75 0.00	25.13 1.80 0.00	26.67 1.79 0.00	27.30 1.81 0.00	29.63 2.15 0.00	34.28 2.36 0.00	47.75 3.50 0.00	42.36 2.99 0.00	37.17 2.62 0.00	31.87 2.39 0.00	28.15 2.09 0.00	25.09 1.90 0.00	22.63 1.50 0.00
BEACON___LESR 323632	22.96 0.99 0.00	20.97 0.83 0.00	20.89 0.80 0.00	20.77 0.84 0.00	21.07 0.87 0.00	24.81 1.00 0.00	33.91 1.46 0.00	36.91 1.52 0.00	30.67 1.32 0.00	26.91 1.16 0.00	24.77 1.07 0.00	24.33 1.07 0.00	24.41 1.07 0.00	26.02 1.14 0.00	26.72 1.22 0.00	28.91 1.43 0.00	33.55 1.63 0.00	46.82 2.57 0.00	41.61 2.24 0.00	36.44 1.90 0.00	31.10 1.62 0.00	27.47 1.41 0.00	24.37 1.18 0.00	22.11 0.97 0.00
BEAVER RIVER___HYD 24048	22.61 0.64 0.00	20.78 0.64 0.00	20.76 0.68 0.00	20.59 0.66 0.00	20.89 0.69 0.00	24.57 0.76 0.00	33.87 1.43 0.00	36.87 1.49 0.00	30.32 0.97 0.00	26.42 0.67 0.00	24.16 0.45 0.00	23.63 0.37 0.00	23.54 0.21 0.00	25.15 0.27 0.00	25.75 0.25 0.00	28.03 0.55 0.00	32.75 0.83 0.00	46.03 1.77 0.00	41.04 1.73 0.07	34.25 1.52 1.81	28.50 0.94 1.92	24.81 0.76 2.00	22.50 0.32 1.01	20.15 0.36 1.34
BEEBEE_GT_13 23619	20.98 -0.99 0.00	19.27 -0.87 0.00	19.06 -1.02 0.00	18.90 -1.04 0.00	19.21 -0.99 0.00	22.81 -1.00 0.00	30.86 -1.59 0.00	33.72 -1.66 0.00	28.18 -1.17 0.00	24.69 -1.06 0.00	22.95 -0.76 0.00	22.44 -0.81 0.00	22.47 -0.86 0.00	24.08 -0.80 0.00	24.65 -0.84 0.00	26.11 -1.37 0.00	30.45 -1.47 0.00	41.43 -2.83 0.00	37.01 -2.36 0.00	32.54 -2.00 0.00	27.71 -1.77 0.00	24.66 -1.41 0.00	22.05 -1.14 0.00	20.39 -0.74 0.00
BENSHRST_27_KV_BENSHRST_1 355998	23.44 1.47 0.00	21.31 1.17 0.00	21.21 1.12 0.00	21.05 1.12 0.00	21.31 1.11 0.00	25.17 1.36 0.00	34.20 1.75 0.00	37.33 1.95 0.00	31.34 2.00 0.00	27.63 1.88 0.00	25.39 1.68 0.00	25.10 1.84 0.00	25.27 1.94 0.00	26.74 1.87 0.00	27.41 1.91 0.00	29.82 2.34 0.00	34.41 2.49 0.00	47.93 3.67 0.00	42.52 3.15 0.00	37.31 2.76 0.00	32.13 2.65 0.00	28.28 2.22 0.00	25.27 2.09 0.00	22.65 1.52 0.00
BETHLEHEM___GRP 23843	22.70 0.73 0.00	20.74 0.60 0.00	20.70 0.62 0.00	20.57 0.64 0.00	20.85 0.65 0.00	24.55 0.74 0.00	33.52 1.07 0.00	36.48 1.10 0.00	30.32 0.97 0.00	26.62 0.88 0.00	24.51 0.81 0.00	24.07 0.81 0.00	24.17 0.84 0.00	25.75 0.87 0.00	26.41 0.92 0.00	28.55 1.07 0.00	33.17 1.24 0.00	46.16 1.90 0.00	41.03 1.65 0.00	35.96 1.42 0.00	30.72 1.24 0.00	27.13 1.07 0.00	24.09 0.90 0.00	21.85 0.72 0.00
BETHLEHEM___GS1 323560	22.70 0.72 0.00	20.74 0.60 0.00	20.70 0.62 0.00	20.57 0.64 0.00	20.85 0.65 0.00	24.55 0.74 0.00	33.48 1.04 0.00	36.48 1.10 0.00	30.32 0.97 0.00	26.62 0.88 0.00	24.51 0.81 0.00	24.07 0.81 0.00	24.17 0.84 0.00	25.75 0.87 0.00	26.41 0.92 0.00	28.55 1.07 0.00	33.17 1.24 0.00	46.16 1.90 0.00	41.02 1.65 0.00	35.96 1.42 0.00	30.72 1.24 0.00	27.13 1.07 0.00	24.12 0.93 0.00	21.87 0.74 0.00
BETHLEHEM___GS2 323561	22.70 0.72 0.00	20.74 0.60 0.00	20.70 0.62 0.00	20.57 0.64 0.00	20.85 0.65 0.00	24.55 0.74 0.00	33.48 1.04 0.00	36.48 1.10 0.00	30.32 0.97 0.00	26.62 0.88 0.00	24.51 0.81 0.00	24.07 0.81 0.00	24.17 0.84 0.00	25.75 0.87 0.00	26.41 0.92 0.00	28.55 1.07 0.00	33.17 1.24 0.00	46.16 1.90 0.00	41.02 1.65 0.00	35.96 1.42 0.00	30.72 1.24 0.00	27.13 1.07 0.00	24.12 0.93 0.00	21.87 0.74 0.00
BETHLEHEM___GS3 323562	22.70 0.72 0.00	20.74 0.60 0.00	20.70 0.62 0.00	20.57 0.64 0.00	20.85 0.65 0.00	24.55 0.74 0.00	33.48 1.04 0.00	36.48 1.10 0.00	30.32 0.97 0.00	26.62 0.88 0.00	24.51 0.81 0.00	24.07 0.81 0.00	24.17 0.84 0.00	25.75 0.87 0.00	26.41 0.92 0.00	28.55 1.07 0.00	33.17 1.24 0.00	46.16 1.90 0.00	41.02 1.65 0.00	35.96 1.42 0.00	30.72 1.24 0.00	27.13 1.07 0.00	24.12 0.93 0.00	21.87 0.74 0.00
BETHLEHEM___STEEL 23779	20.76 -1.21 0.00	19.05 -1.09 0.00	18.90 -1.18 0.00	18.66 -1.28 0.00	18.99 -1.21 0.00	22.45 -1.36 0.00	30.56 -1.88 0.00	33.26 -2.12 0.00	27.94 -1.41 0.00	24.54 -1.21 0.00	23.00 -0.71 0.00	22.40 -0.86 0.00	22.45 -0.89 0.00	24.10 -0.77 0.00	24.55 -0.94 0.00	25.89 -1.59 0.00	30.10 -1.82 0.00	40.18 -4.07 0.01	36.22 -3.15 0.00	32.02 -2.52 0.00	27.24 -2.24 0.00	24.34 -1.72 0.00	21.82 -1.37 0.00	20.22 -0.91 0.00
BETHLHEM_115KV_TB1 79974	22.70 0.73 0.00	20.74 0.60 0.00	20.70 0.62 0.00	20.57 0.64 0.00	20.85 0.65 0.00	24.55 0.74 0.00	33.48 1.04 0.00	36.48 1.10 0.00	30.32 0.97 0.00	26.62 0.88 0.00	24.51 0.81 0.00	24.05 0.79 0.00	24.15 0.82 0.00	25.72 0.85 0.00	26.41 0.92 0.00	28.55 1.07 0.00	33.13 1.21 0.00	46.12 1.86 0.00	40.99 1.61 0.00	35.93 1.38 0.00	30.69 1.21 0.00	27.13 1.07 0.00	24.09 0.90 0.00	21.85 0.72 0.00
BETHPAGE_CC_5 323564	23.18 1.21 0.00	21.15 1.01 0.00	21.10 1.02 0.00	20.89 0.96 0.00	21.09 0.89 0.00	25.07 1.26 0.00	33.51 1.07 0.01	37.15 1.77 0.00	31.02 1.67 0.00	27.73 1.98 0.00	25.77 2.06 0.00	25.57 2.21 -0.10	25.50 2.17 0.00	28.47 2.29 -1.31	29.43 2.34 -1.59	30.06 2.58 0.00	35.54 2.97 -0.65	54.11 4.12 -5.73	42.99 3.62 0.00	37.65 3.11 0.00	32.16 2.68 0.00	30.16 2.63 -1.46	28.41 2.41 -2.81	23.63 2.01 -0.49
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	20.83 -1.14 0.00	19.13 -1.01 0.00	18.98 -1.10 0.00	18.74 -1.20 0.00	19.05 -1.15 0.00	22.52 -1.29 0.00	30.73 -1.72 0.00	33.40 -1.98 0.00	28.09 -1.26 0.00	24.64 -1.11 0.00	23.09 -0.62 0.00	22.51 -0.74 0.00	22.56 -0.77 0.00	24.23 -0.65 0.00	24.68 -0.82 0.00	26.00 -1.48 0.00	30.26 -1.66 0.00	40.40 -3.85 0.01	36.42 -2.95 0.00	32.16 -2.38 0.00	27.36 -2.12 0.00	24.45 -1.62 0.00	21.91 -1.28 0.00	20.29 -0.85 0.00



BINGHAMTON___COGEN 23790	21.84 -0.13 0.00	20.04 -0.10 0.00	19.94 -0.14 0.00	19.77 -0.16 0.00	20.06 -0.14 0.00	23.69 -0.12 0.00	32.32 -0.13 0.00	35.28 -0.11 0.00	29.35 0.00 0.00	25.75 0.00 0.00	23.75 0.05 0.00	23.26 0.00 0.00	23.33 0.00 0.00	24.90 0.02 0.00	25.49 0.00 0.00	27.40 -0.08 0.00	31.89 -0.03 0.00	43.86 -0.40 0.00	39.21 -0.16 0.00	34.44 -0.10 0.00	29.36 -0.12 0.00	26.01 -0.05 0.00	23.14 -0.05 0.00	21.11 -0.02 0.00
BIXINCNT_115KV_LOAD 355685	20.70 -1.27 0.00	18.95 -1.19 0.00	18.82 -1.27 0.00	18.54 -1.40 0.00	18.91 -1.29 0.00	22.33 -1.48 0.00	30.53 -1.91 0.00	33.30 -2.09 0.00	27.91 -1.44 0.00	24.54 -1.21 0.00	23.04 -0.66 0.00	22.47 -0.79 0.00	22.59 -0.75 0.00	24.20 -0.67 0.00	24.60 -0.89 0.00	26.05 -1.43 0.00	30.20 -1.72 0.00	40.23 -4.03 0.01	36.10 -3.27 0.00	31.78 -2.76 0.00	27.01 -2.48 0.00	24.11 -1.95 0.00	21.59 -1.60 0.00	19.93 -1.20 0.00
BLACK RIVER___HYD 24047	22.43 0.46 0.00	20.64 0.50 0.00	20.62 0.54 0.00	20.41 0.48 0.00	20.71 0.51 0.00	24.48 0.67 0.00	33.75 1.30 0.00	36.73 1.34 0.00	30.26 0.91 0.00	26.37 0.62 0.00	24.11 0.40 0.00	23.56 0.30 0.00	23.45 0.12 0.00	25.03 0.15 0.00	25.65 0.15 0.00	27.98 0.50 0.00	32.69 0.76 0.00	45.94 1.68 0.00	41.06 1.73 0.04	34.83 1.52 1.23	29.09 0.91 1.31	25.43 0.73 1.37	22.80 0.30 0.69	20.60 0.38 0.91
BLACKRVR_115KV_TB2 79977	22.43 0.46 0.00	20.64 0.50 0.00	20.60 0.52 0.00	20.41 0.48 0.00	20.71 0.51 0.00	24.48 0.67 0.00	33.71 1.27 0.00	36.73 1.34 0.00	30.26 0.91 0.00	26.37 0.62 0.00	24.11 0.40 0.00	23.56 0.30 0.00	23.45 0.12 0.00	25.02 0.15 0.00	25.65 0.15 0.00	27.98 0.49 0.00	32.69 0.77 0.00	45.94 1.68 0.00	41.06 1.73 0.04	34.83 1.52 1.23	29.09 0.91 1.31	25.43 0.73 1.37	22.80 0.30 0.69	20.60 0.38 0.91
BLISS_WT_PWR 323608	20.59 -1.38 0.00	18.85 -1.29 0.00	18.76 -1.33 0.00	18.40 -1.53 0.00	18.77 -1.43 0.00	22.17 -1.64 0.00	30.43 -2.01 0.00	33.09 -2.30 0.00	27.71 -1.64 0.00	24.41 -1.34 0.00	22.92 -0.78 0.00	22.35 -0.91 0.00	22.54 -0.79 0.00	24.08 -0.80 0.00	24.50 -0.99 0.00	25.92 -1.57 0.00	30.01 -1.91 0.00	39.96 -4.29 0.01	35.79 -3.58 0.00	31.47 -3.07 0.00	26.77 -2.71 0.00	23.90 -2.16 0.00	21.38 -1.81 0.00	19.82 -1.31 0.00
BLUESTONE___WT_PWR 323821	23.03 1.05 0.00	21.15 1.01 0.00	21.10 1.02 0.00	20.89 0.96 0.00	21.17 0.97 0.00	25.14 1.33 0.00	34.49 2.05 0.00	37.51 2.12 0.00	31.08 1.73 0.00	27.27 1.52 0.00	24.99 1.28 0.00	24.47 1.21 0.00	24.43 1.10 0.00	26.12 1.24 0.00	26.82 1.32 0.00	29.13 1.65 0.00	34.00 2.07 0.00	47.27 3.01 0.00	42.09 2.71 0.00	36.86 2.31 0.00	31.19 1.71 0.00	27.55 1.48 0.00	24.25 1.07 0.00	22.17 1.04 0.00
BLUE_CIRC_CHEM_DRP 24182	22.76 0.79 0.00	20.80 0.66 0.00	20.76 0.68 0.00	20.63 0.70 0.00	20.91 0.71 0.00	24.62 0.81 0.00	33.58 1.14 0.00	36.52 1.13 0.00	30.32 0.97 0.00	26.57 0.82 0.00	24.47 0.76 0.00	24.00 0.74 0.00	24.10 0.77 0.00	25.67 0.80 0.00	26.39 0.89 0.00	28.53 1.04 0.00	33.10 1.18 0.00	46.12 1.86 0.00	40.99 1.61 0.00	35.96 1.42 0.00	30.69 1.21 0.00	27.13 1.07 0.00	24.09 0.90 0.00	21.87 0.74 0.00
BOC_GAS_DRP 24189	22.59 0.62 0.00	20.64 0.50 0.00	20.62 0.54 0.00	20.47 0.54 0.00	20.75 0.55 0.00	24.43 0.62 0.00	33.32 0.88 0.00	36.30 0.92 0.00	30.17 0.82 0.00	26.49 0.75 0.00	24.39 0.69 0.00	23.96 0.70 0.00	24.06 0.72 0.00	25.62 0.75 0.00	26.28 0.79 0.00	28.39 0.91 0.00	32.98 1.05 0.00	45.81 1.55 0.00	40.75 1.38 0.00	35.75 1.21 0.00	30.54 1.06 0.00	26.98 0.91 0.00	23.98 0.79 0.00	21.77 0.63 0.00
BOONVILLE_115KV_TB1 79983	22.59 0.62 0.00	20.74 0.60 0.00	20.72 0.64 0.00	20.55 0.62 0.00	20.83 0.63 0.00	24.52 0.71 0.00	33.65 1.20 0.00	36.62 1.24 0.00	30.29 0.94 0.00	26.52 0.77 0.00	24.32 0.62 0.00	23.84 0.58 0.00	23.78 0.44 0.00	25.42 0.55 0.00	26.05 0.56 0.00	28.28 0.80 0.00	32.98 1.05 0.00	46.07 1.81 0.00	41.03 1.65 0.00	35.96 1.42 0.00	30.45 0.97 0.00	26.90 0.83 0.00	23.70 0.51 0.00	21.66 0.53 0.00
BORALEX_4TH_BRANCH 23824	23.38 1.41 0.00	21.37 1.23 0.00	21.33 1.25 0.00	21.19 1.26 0.00	21.45 1.25 0.00	25.31 1.50 0.00	34.56 2.11 0.00	37.68 2.30 0.00	31.34 2.00 0.00	27.52 1.78 0.00	25.37 1.66 0.00	24.91 1.65 0.00	24.99 1.66 0.00	26.59 1.72 0.00	27.28 1.78 0.00	29.49 2.01 0.00	34.25 2.33 0.00	47.62 3.36 0.00	42.36 2.99 0.00	37.13 2.59 0.00	31.69 2.21 0.00	28.02 1.95 0.00	24.88 1.69 0.00	22.55 1.42 0.00
BOWLINE___1 23526	23.05 1.08 0.00	21.03 0.89 0.00	20.94 0.86 0.00	20.85 0.92 0.00	21.11 0.91 0.00	24.91 1.10 0.00	33.91 1.46 0.00	37.05 1.66 0.00	30.87 1.53 0.00	27.16 1.42 0.00	25.01 1.30 0.00	24.61 1.35 0.00	24.76 1.42 0.00	26.27 1.39 0.00	26.95 1.45 0.00	29.19 1.70 0.00	33.87 1.95 0.00	47.13 2.88 0.00	41.93 2.56 0.00	36.76 2.21 0.00	31.46 1.98 0.00	27.78 1.72 0.00	24.74 1.55 0.00	22.36 1.23 0.00
BOWLINE___2 23595	23.05 1.08 0.00	21.03 0.89 0.00	20.94 0.86 0.00	20.85 0.92 0.00	21.11 0.91 0.00	24.91 1.10 0.00	33.91 1.46 0.00	37.05 1.66 0.00	30.87 1.53 0.00	27.16 1.42 0.00	25.01 1.30 0.00	24.61 1.35 0.00	24.76 1.42 0.00	26.27 1.39 0.00	26.95 1.45 0.00	29.19 1.70 0.00	33.87 1.95 0.00	47.13 2.88 0.00	41.93 2.56 0.00	36.76 2.21 0.00	31.46 1.98 0.00	27.78 1.72 0.00	24.74 1.55 0.00	22.36 1.23 0.00
BRADY___115KV_TB2 356060	23.82 1.85 0.00	22.01 1.87 0.00	22.01 1.93 0.00	21.85 1.91 0.00	22.12 1.92 0.00	26.41 2.60 0.00	36.86 4.41 0.00	40.06 4.67 0.00	32.37 3.02 0.00	27.89 2.14 0.00	25.32 1.61 0.00	24.70 1.44 0.00	24.52 1.19 0.00	26.24 1.37 0.00	26.82 1.33 0.00	29.24 1.76 0.00	34.44 2.52 0.00	49.13 4.87 0.00	43.81 4.65 0.20	33.11 4.18 5.61	26.40 2.89 5.97	22.19 2.35 6.22	21.48 1.41 3.13	18.40 1.42 4.15
BRANSCOMB___SOLAR 323811	23.05 1.08 0.00	21.05 0.91 0.00	20.96 0.88 0.00	20.85 0.92 0.00	21.13 0.93 0.00	24.91 1.10 0.00	34.04 1.59 0.00	36.98 1.59 0.00	30.70 1.35 0.00	26.93 1.19 0.00	24.80 1.09 0.00	24.33 1.07 0.00	24.36 1.03 0.00	26.00 1.12 0.00	26.72 1.22 0.00	28.88 1.40 0.00	33.55 1.63 0.00	46.87 2.61 0.00	41.65 2.28 0.00	36.44 1.90 0.00	31.07 1.59 0.00	27.44 1.38 0.00	24.37 1.18 0.00	22.13 0.99 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	23.22 1.25 0.00	21.23 1.09 0.00	21.27 1.18 0.00	21.07 1.14 0.00	21.13 0.93 0.00	25.19 1.38 0.00	33.54 1.10 0.01	37.19 1.80 0.00	30.99 1.64 0.00	27.89 2.14 0.00	25.84 2.13 0.00	25.65 2.30 -0.09	25.57 2.24 0.00	28.38 2.36 -1.14	29.33 2.45 -1.39	30.15 2.67 0.00	35.78 3.29 -0.57	53.73 4.47 -5.00	43.35 3.98 0.00	37.93 3.39 0.00	32.46 2.98 0.00	30.18 2.84 -1.28	28.59 2.60 -2.81	23.69 2.07 -0.49



BRISTLHL_115KV_TB1 79998	21.42 -0.55 0.00	19.68 -0.46 0.00	19.58 -0.50 0.00	19.42 -0.52 0.00	19.70 -0.51 0.00	23.24 -0.57 0.00	31.57 -0.88 0.00	34.46 -0.92 0.00	28.62 -0.73 0.00	25.10 -0.64 0.00	23.11 -0.59 0.00	22.65 -0.60 0.00	22.70 -0.63 0.00	24.25 -0.62 0.00	24.86 -0.64 0.00	26.77 -0.71 0.00	31.12 -0.80 0.00	43.06 -1.19 0.00	38.39 -0.98 0.00	33.65 -0.90 0.00	28.69 -0.80 0.00	25.39 -0.68 0.00	22.61 -0.58 0.00	20.71 -0.42 0.00
BROOKHAVEN___DRP 24191	23.00 1.03 0.00	21.07 0.93 0.00	21.19 1.10 0.00	20.99 1.06 0.00	20.95 0.75 0.00	24.95 1.14 0.00	33.25 0.81 0.01	36.87 1.49 0.00	30.73 1.38 0.00	27.47 1.73 0.00	25.51 1.80 0.00	25.28 1.93 -0.09	25.18 1.84 0.00	27.96 1.97 -1.12	29.08 2.22 -1.37	30.04 2.56 0.00	35.87 3.38 -0.56	53.61 4.43 -4.93	43.23 3.86 0.00	37.79 3.25 0.00	32.40 2.92 0.00	30.08 2.76 -1.26	28.52 2.53 -2.81	23.65 2.03 -0.49
BROOKLYN_NAVY_YARD 23515	23.22 1.25 0.00	21.17 1.03 0.00	21.04 0.96 0.00	20.95 1.02 0.00	21.19 0.99 0.00	25.07 1.26 0.00	34.13 1.69 0.00	37.33 1.94 0.00	31.23 1.88 0.00	27.52 1.78 0.00	25.34 1.63 0.00	25.00 1.75 0.00	25.11 1.77 0.00	26.64 1.77 0.00	27.30 1.81 0.00	29.63 2.15 0.00	34.28 2.36 0.00	47.75 3.50 0.00	42.36 2.99 0.00	37.17 2.62 0.00	31.87 2.39 0.00	28.12 2.06 0.00	25.09 1.90 0.00	22.59 1.46 0.00
BROOKLYN___ARMY_DRP 323595	23.38 1.41 0.00	21.25 1.11 0.00	21.15 1.06 0.00	21.01 1.08 0.00	21.25 1.05 0.00	25.10 1.29 0.00	34.10 1.65 0.00	37.22 1.84 0.00	31.23 1.88 0.00	27.52 1.78 0.00	25.29 1.59 0.00	25.00 1.74 0.00	25.18 1.84 0.00	26.67 1.79 0.00	27.33 1.84 0.00	29.71 2.23 0.00	34.28 2.36 0.00	47.76 3.50 0.00	42.32 2.95 0.00	37.17 2.63 0.00	32.02 2.54 0.00	28.20 2.14 0.00	25.18 1.99 0.00	22.59 1.46 0.00
BROOKVLE_69_KV_TB1 55790	23.27 1.30 0.00	21.23 1.09 0.00	21.23 1.14 0.00	21.03 1.10 0.00	21.21 1.01 0.00	25.17 1.36 0.00	33.97 1.52 0.00	37.37 1.98 0.00	31.20 1.85 0.00	27.78 2.03 0.00	25.67 1.97 0.00	25.50 2.09 -0.14	25.46 2.12 0.00	28.88 2.19 -1.82	29.96 2.24 -2.22	29.96 2.47 0.00	35.70 2.87 -0.91	56.37 4.12 -7.99	42.99 3.62 0.00	37.65 3.11 0.00	32.22 2.74 0.00	30.60 2.50 -2.04	28.22 2.23 -2.81	23.37 1.75 -0.49
BROOME_2_LFGE 323671	21.84 -0.13 0.00	20.04 -0.10 0.00	19.96 -0.12 0.00	19.77 -0.16 0.00	20.06 -0.14 0.00	23.69 -0.12 0.00	32.32 -0.13 0.00	35.28 -0.11 0.00	29.35 0.00 0.00	25.75 0.00 0.00	23.75 0.05 0.00	23.26 0.00 0.00	23.33 0.00 0.00	24.90 0.02 0.00	25.49 0.00 0.00	27.37 -0.11 0.00	31.89 -0.03 0.00	43.86 -0.40 0.00	39.21 -0.16 0.00	34.44 -0.10 0.00	29.39 -0.09 0.00	26.01 -0.05 0.00	23.14 -0.05 0.00	21.15 0.02 0.00
BROOME___LFGE 323600	21.84 -0.13 0.00	20.04 -0.10 0.00	19.96 -0.12 0.00	19.77 -0.16 0.00	20.06 -0.14 0.00	23.69 -0.12 0.00	32.32 -0.13 0.00	35.28 -0.11 0.00	29.35 0.00 0.00	25.75 0.00 0.00	23.75 0.05 0.00	23.26 0.00 0.00	23.33 0.00 0.00	24.90 0.02 0.00	25.49 0.00 0.00	27.37 -0.11 0.00	31.89 -0.03 0.00	43.86 -0.40 0.00	39.21 -0.16 0.00	34.44 -0.10 0.00	29.39 -0.09 0.00	26.01 -0.05 0.00	23.14 -0.05 0.00	21.15 0.02 0.00
BROWNFLS_115KV_TB_3_5 80003	22.83 0.86 0.00	21.03 0.89 0.00	21.00 0.92 0.00	20.83 0.90 0.00	21.11 0.91 0.00	24.95 1.14 0.00	34.52 2.08 0.00	37.61 2.23 0.00	30.76 1.41 0.00	26.75 1.00 0.00	24.42 0.71 0.00	23.89 0.63 0.00	23.75 0.42 0.00	25.40 0.52 0.00	25.98 0.48 0.00	28.25 0.77 0.00	33.04 1.12 0.00	46.52 2.26 0.00	41.40 2.17 0.13	32.83 1.93 3.65	26.81 1.21 3.88	22.98 0.96 4.04	21.62 0.46 2.03	18.94 0.51 2.70
BROWNSV1_27_KV_LOAD 356125	23.42 1.45 0.00	21.35 1.21 0.00	21.25 1.16 0.00	21.11 1.18 0.00	21.35 1.15 0.00	25.26 1.45 0.00	34.46 2.01 0.00	37.61 2.23 0.00	31.46 2.11 0.00	27.73 1.98 0.00	25.51 1.80 0.00	25.19 1.93 0.00	25.34 2.01 0.00	26.86 1.99 0.00	27.51 2.01 0.00	29.85 2.36 0.00	34.57 2.65 0.00	48.15 3.89 0.00	42.76 3.39 0.00	37.48 2.94 0.00	32.13 2.65 0.00	28.36 2.29 0.00	25.27 2.09 0.00	22.68 1.54 0.00
BURROWS___LYONSDAL 23803	22.61 0.64 0.00	20.76 0.62 0.00	20.74 0.66 0.00	20.57 0.64 0.00	20.85 0.65 0.00	24.52 0.71 0.00	33.65 1.20 0.00	36.62 1.24 0.00	30.26 0.91 0.00	26.47 0.72 0.00	24.25 0.55 0.00	23.77 0.51 0.00	23.71 0.37 0.00	25.32 0.45 0.00	25.95 0.46 0.00	28.20 0.71 0.00	32.88 0.96 0.00	46.03 1.77 0.00	41.01 1.65 0.02	35.43 1.42 0.53	29.86 0.94 0.56	26.26 0.78 0.58	23.33 0.44 0.29	21.21 0.46 0.39
CAITHNESS_CC_1 323624	22.98 1.01 0.00	21.01 0.87 0.00	21.03 0.94 0.00	20.75 0.82 0.00	20.93 0.73 0.00	24.88 1.07 0.00	33.12 0.68 0.01	36.80 1.42 0.00	30.70 1.35 0.00	27.37 1.62 0.00	25.51 1.80 0.00	25.28 1.93 -0.09	25.18 1.84 0.00	27.99 1.99 -1.12	29.06 2.19 -1.37	30.18 2.69 0.00	35.74 3.26 -0.56	53.43 4.25 -4.93	43.11 3.74 0.00	37.69 3.14 0.00	32.19 2.71 0.00	29.95 2.63 -1.26	28.50 2.50 -2.81	23.69 2.07 -0.49
CALPINE BETH_PAGE_GT4 24209	23.18 1.21 0.00	21.17 1.03 0.00	21.19 1.10 0.00	20.99 1.06 0.00	21.11 0.91 0.00	25.10 1.29 0.00	33.61 1.17 0.01	37.19 1.80 0.00	31.02 1.67 0.00	27.81 2.06 0.00	25.77 2.06 -0.11	25.58 2.21 0.00	25.53 2.19 0.00	28.55 2.29 -1.39	29.53 2.35 -1.70	30.04 2.56 0.00	35.52 2.90 -0.69	54.42 4.07 -6.09	42.95 3.58 0.00	37.62 3.07 0.00	32.19 2.71 0.00	30.17 2.55 -1.55	28.38 2.39 -2.81	23.52 1.90 -0.49
CALPINE_BETH_PAGE_GT_4 323586	23.18 1.21 0.00	21.15 1.01 0.00	21.10 1.02 0.00	20.89 0.96 0.00	21.11 0.91 0.00	25.07 1.26 0.00	33.54 1.10 0.01	37.19 1.80 0.00	31.02 1.67 0.00	27.73 1.98 0.00	25.77 2.06 0.00	25.58 2.21 -0.11	25.50 2.17 0.00	28.55 2.29 -1.39	29.53 2.34 -1.70	30.01 2.53 0.00	35.52 2.90 -0.69	54.42 4.07 -6.09	42.95 3.58 0.00	37.62 3.07 0.00	32.10 2.62 0.00	30.25 2.63 -1.55	28.41 2.41 -2.81	23.60 1.99 -0.49
CALPINE_BP_GT1 23823	23.18 1.21 0.00	21.15 1.01 0.00	21.10 1.02 0.00	20.89 0.96 0.00	21.11 0.91 0.00	25.07 1.26 0.00	33.54 1.10 0.01	37.19 1.80 0.00	31.02 1.67 0.00	27.73 1.98 0.00	25.77 2.06 0.00	25.58 2.21 -0.11	25.50 2.17 0.00	28.55 2.29 -1.39	29.53 2.34 -1.70	30.01 2.53 0.00	35.52 2.90 -0.69	54.42 4.07 -6.09	42.95 3.58 0.00	37.62 3.07 0.00	32.10 2.62 0.00	30.25 2.63 -1.55	28.41 2.41 -2.81	23.60 1.99 -0.49
CALSPAN___DRP 24200	20.76 -1.21 0.00	19.05 -1.09 0.00	18.90 -1.18 0.00	18.66 -1.28 0.00	18.99 -1.21 0.00	22.45 -1.36 0.00	30.56 -1.88 0.00	33.26 -2.12 0.00	27.94 -1.41 0.00	24.54 -1.21 0.00	23.00 -0.71 0.00	22.40 -0.86 0.00	22.45 -0.89 0.00	24.10 -0.77 0.00	24.55 -0.94 0.00	25.89 -1.59 0.00	30.10 -1.82 0.00	40.18 -4.07 0.01	36.22 -3.15 0.00	32.02 -2.52 0.00	27.24 -2.24 0.00	24.34 -1.72 0.00	21.82 -1.37 0.00	20.22 -0.91 0.00



CALVERTON___SOLAR 323806	23.05 1.08 0.00	21.05 0.91 0.00	21.10 1.02 0.00	20.79 0.86 0.00	20.97 0.77 0.00	24.95 1.14 0.00	33.22 0.78 0.01	36.94 1.56 0.00	30.79 1.44 0.00	27.37 1.62 0.00	25.51 1.80 0.00	25.28 1.93 -0.09	25.18 1.84 0.00	27.99 1.99 -1.12	29.13 2.27 -1.37	30.39 2.91 0.00	36.03 3.54 -0.56	53.79 4.60 -4.93	43.39 4.02 0.00	37.89 3.35 0.00	32.40 2.92 0.00	30.13 2.82 -1.26	28.59 2.60 -2.81	23.77 2.16 -0.49
CANDIGU_WT_PWR 323617	21.07 -0.90 0.00	19.35 -0.79 0.00	19.24 -0.84 0.00	18.96 -0.98 0.00	19.27 -0.93 0.00	22.79 -1.02 0.00	31.18 -1.27 0.00	33.93 -1.45 0.00	28.35 -1.00 0.00	24.87 -0.88 0.00	23.09 -0.62 0.00	22.56 -0.70 0.00	22.68 -0.65 0.00	24.20 -0.67 0.00	24.70 -0.79 0.00	26.27 -1.21 0.00	30.61 -1.31 0.00	41.38 -2.88 0.00	37.21 -2.17 0.00	32.75 -1.80 0.00	27.92 -1.56 0.00	24.81 -1.25 0.00	22.14 -1.04 0.00	20.35 -0.78 0.00
CARR STREET_E_SYR 24060	21.53 -0.44 0.00	19.76 -0.38 0.00	19.68 -0.40 0.00	19.50 -0.44 0.00	19.78 -0.43 0.00	23.36 -0.45 0.00	31.73 -0.71 0.00	34.64 -0.74 0.00	28.82 -0.53 0.00	25.26 -0.49 0.00	23.28 -0.43 0.00	22.82 -0.44 0.00	22.87 -0.47 0.00	24.40 -0.47 0.00	25.04 -0.46 0.00	26.93 -0.55 0.00	31.31 -0.61 0.00	43.28 -0.97 0.00	38.58 -0.79 0.00	33.82 -0.73 0.00	28.83 -0.65 0.00	25.51 -0.55 0.00	22.70 -0.49 0.00	20.79 -0.34 0.00
CARTHAGE___PAPER 23857	22.52 0.55 0.00	20.70 0.56 0.00	20.68 0.60 0.00	20.51 0.58 0.00	20.79 0.59 0.00	24.52 0.71 0.00	33.84 1.39 0.00	36.84 1.45 0.00	30.29 0.94 0.00	26.39 0.64 0.00	24.13 0.43 0.00	23.58 0.33 0.00	23.48 0.14 0.00	25.05 0.18 0.00	25.67 0.18 0.00	27.98 0.50 0.00	32.69 0.76 0.00	45.98 1.72 0.00	41.05 1.73 0.05	34.64 1.56 1.45	28.88 0.94 1.55	25.18 0.73 1.61	22.68 0.30 0.81	20.42 0.36 1.08
CASSADAGA_WT_PWR 323784	20.50 -1.47 0.00	18.81 -1.33 0.00	18.74 -1.35 0.00	18.40 -1.53 0.00	18.79 -1.41 0.00	22.14 -1.67 0.00	30.47 -1.98 0.00	33.16 -2.23 0.00	27.76 -1.59 0.00	24.38 -1.37 0.00	22.83 -0.88 0.00	22.21 -1.05 0.00	22.36 -0.98 0.00	23.96 -0.92 0.00	24.37 -1.12 0.00	25.64 -1.84 0.00	29.88 -2.04 0.00	39.87 -4.38 0.01	35.91 -3.46 0.00	31.68 -2.87 0.00	26.95 -2.54 0.00	24.06 -2.01 0.00	21.50 -1.69 0.00	19.89 -1.25 0.00
CE_DUNWOOD___DRP 24194	23.14 1.16 0.00	21.11 0.97 0.00	21.07 0.98 0.00	20.91 0.98 0.00	21.17 0.97 0.00	25.00 1.19 0.00	34.10 1.65 0.00	37.22 1.84 0.00	31.05 1.70 0.00	27.34 1.60 0.00	25.18 1.47 0.00	24.79 1.54 0.00	24.94 1.61 0.00	26.47 1.59 0.00	27.12 1.63 0.00	29.38 1.90 0.00	34.09 2.17 0.00	47.45 3.19 0.00	42.17 2.80 0.00	36.96 2.42 0.00	31.66 2.18 0.00	27.97 1.90 0.00	24.88 1.69 0.00	22.38 1.25 0.00
CE_MILLWOOD___DRP 24193	23.11 1.14 0.00	21.09 0.95 0.00	21.04 0.96 0.00	20.89 0.96 0.00	21.17 0.97 0.00	24.98 1.17 0.00	34.07 1.62 0.00	37.15 1.77 0.00	30.99 1.64 0.00	27.29 1.54 0.00	25.13 1.42 0.00	24.72 1.47 0.00	24.87 1.54 0.00	26.39 1.52 0.00	27.07 1.58 0.00	29.32 1.84 0.00	34.03 2.11 0.00	47.36 3.10 0.00	42.09 2.72 0.00	36.89 2.35 0.00	31.60 2.12 0.00	27.91 1.85 0.00	24.83 1.65 0.00	22.36 1.23 0.00
CE_NYC2_DRP 24202	23.31 1.34 0.00	21.23 1.09 0.00	21.13 1.04 0.00	20.99 1.06 0.00	21.23 1.03 0.00	25.10 1.29 0.00	34.17 1.72 0.00	37.26 1.88 0.00	31.23 1.88 0.00	27.52 1.78 0.00	25.32 1.61 0.00	25.00 1.74 0.00	25.18 1.84 0.00	26.64 1.77 0.00	27.30 1.81 0.00	29.65 2.17 0.00	34.28 2.36 0.00	47.67 3.41 0.00	42.28 2.91 0.00	37.13 2.59 0.00	31.93 2.45 0.00	28.15 2.09 0.00	25.13 1.95 0.00	22.55 1.42 0.00
CE_NYC_DRP 24195	23.29 1.32 0.00	21.23 1.09 0.00	21.15 1.06 0.00	20.99 1.06 0.00	21.23 1.03 0.00	25.12 1.31 0.00	34.23 1.78 0.00	37.37 1.98 0.00	31.26 1.91 0.00	27.55 1.80 0.00	25.34 1.64 0.00	25.03 1.77 0.00	25.18 1.84 0.00	26.67 1.79 0.00	27.33 1.84 0.00	29.63 2.14 0.00	34.32 2.39 0.00	47.80 3.54 0.00	42.40 3.03 0.00	37.20 2.66 0.00	31.90 2.42 0.00	28.15 2.09 0.00	25.09 1.90 0.00	22.55 1.42 0.00
CHAFFEE___LFGE 323603	20.83 -1.14 0.00	19.13 -1.01 0.00	19.10 -0.98 0.00	18.74 -1.20 0.00	19.07 -1.13 0.00	22.55 -1.26 0.00	30.89 -1.56 0.00	33.51 -1.88 0.00	28.14 -1.20 0.00	24.74 -1.00 0.00	23.14 -0.57 0.00	22.56 -0.70 0.00	22.68 -0.65 0.00	24.28 -0.60 0.00	24.70 -0.79 0.00	26.02 -1.46 0.00	30.33 -1.60 0.00	40.54 -3.72 0.01	36.54 -2.84 0.00	32.26 -2.28 0.00	27.48 -2.01 0.00	24.55 -1.51 0.00	21.96 -1.23 0.00	20.39 -0.74 0.00
CHATEAUG_35_KV_LOAD 355732	22.12 0.15 0.00	20.36 0.22 0.00	20.26 0.18 0.00	20.15 0.22 0.00	20.40 0.20 0.00	24.10 0.29 0.00	33.29 0.84 0.00	36.38 0.99 0.00	29.70 0.35 0.00	25.93 0.18 0.00	23.73 0.02 0.00	23.24 -0.02 0.00	23.29 -0.05 0.00	24.90 0.02 0.00	25.37 -0.13 0.00	27.15 -0.33 0.00	31.51 -0.41 0.00	43.42 -0.84 0.00	38.02 -0.91 0.45	21.51 -0.76 12.27	15.69 -0.74 13.05	11.76 -0.70 13.60	15.68 -0.67 6.84	11.39 -0.68 9.07
CHATEAUG_WT_PWR 323614	22.10 0.13 0.00	20.32 0.18 0.00	20.22 0.14 0.00	20.11 0.18 0.00	20.36 0.16 0.00	24.07 0.26 0.00	33.22 0.78 0.00	36.30 0.92 0.00	29.67 0.32 0.00	25.90 0.16 0.00	23.73 0.02 0.00	23.26 0.00 0.00	23.31 -0.02 0.00	24.90 0.02 0.00	25.34 -0.15 0.00	27.12 -0.36 0.00	31.38 -0.54 0.00	43.07 -1.19 0.00	37.64 -1.26 0.47	20.54 -1.04 12.97	14.74 -0.94 13.79	10.78 -0.91 14.37	15.18 -0.79 7.22	10.77 -0.78 9.58
CHAT_HIGH_FALL_HYD 323578	22.12 0.15 0.00	20.36 0.22 0.00	20.26 0.18 0.00	20.15 0.22 0.00	20.40 0.20 0.00	24.10 0.29 0.00	33.29 0.84 0.00	36.38 0.99 0.00	29.70 0.35 0.00	25.93 0.18 0.00	23.73 0.02 0.00	23.24 -0.02 0.00	23.29 -0.05 0.00	24.90 0.02 0.00	25.37 -0.13 0.00	27.15 -0.33 0.00	31.51 -0.41 0.00	43.42 -0.84 0.00	38.02 -0.91 0.45	21.51 -0.76 12.27	15.69 -0.74 13.05	11.76 -0.70 13.60	15.68 -0.67 6.84	11.39 -0.68 9.07
CHAUTAUQUA___LFGE 323629	20.74 -1.23 0.00	19.05 -1.09 0.00	19.00 -1.08 0.00	18.66 -1.28 0.00	19.01 -1.19 0.00	22.45 -1.36 0.00	30.82 -1.62 0.00	33.44 -1.95 0.00	28.06 -1.29 0.00	24.64 -1.11 0.00	23.04 -0.66 0.00	22.44 -0.81 0.00	22.59 -0.75 0.00	24.18 -0.70 0.00	24.58 -0.92 0.00	25.89 -1.59 0.00	30.20 -1.72 0.00	40.31 -3.94 0.01	36.38 -2.99 0.00	32.12 -2.42 0.00	27.36 -2.12 0.00	24.45 -1.62 0.00	21.87 -1.32 0.00	20.25 -0.89 0.00
CHERRYST_13_KV_LD 356241	23.33 1.36 0.00	21.27 1.13 0.00	21.19 1.10 0.00	21.03 1.10 0.00	21.27 1.07 0.00	25.17 1.36 0.00	34.30 1.85 0.00	37.47 2.09 0.00	31.32 1.97 0.00	27.63 1.88 0.00	25.41 1.71 0.00	25.07 1.81 0.00	25.22 1.89 0.00	26.74 1.87 0.00	27.38 1.89 0.00	29.71 2.23 0.00	34.41 2.49 0.00	47.93 3.67 0.00	42.52 3.15 0.00	37.27 2.73 0.00	31.96 2.48 0.00	28.20 2.14 0.00	25.13 1.95 0.00	22.59 1.46 0.00



CHESTROR_138KV_BK263 355645	22.94 0.97 0.00	20.93 0.79 0.00	20.90 0.82 0.00	20.75 0.82 0.00	21.03 0.83 0.00	24.79 0.98 0.00	33.78 1.33 0.00	36.80 1.42 0.00	30.67 1.32 0.00	26.96 1.21 0.00	24.82 1.11 0.00	24.38 1.12 0.00	24.52 1.19 0.00	26.02 1.14 0.00	26.69 1.20 0.00	28.88 1.40 0.00	33.58 1.66 0.00	46.74 2.48 0.00	41.58 2.20 0.00	36.48 1.93 0.00	31.19 1.71 0.00	27.55 1.49 0.00	24.51 1.32 0.00	22.10 0.97 0.00
CH_MIDHUDSON___DRP 24192	23.05 1.08 0.00	21.03 0.89 0.00	21.02 0.94 0.00	20.87 0.94 0.00	21.15 0.95 0.00	24.95 1.14 0.00	34.04 1.59 0.00	37.12 1.73 0.00	30.93 1.58 0.00	27.16 1.42 0.00	25.01 1.30 0.00	24.56 1.30 0.00	24.71 1.38 0.00	26.24 1.37 0.00	26.95 1.45 0.00	29.19 1.70 0.00	33.87 1.95 0.00	47.22 2.97 0.00	41.97 2.60 0.00	36.79 2.25 0.00	31.49 2.00 0.00	27.81 1.75 0.00	24.72 1.53 0.00	22.27 1.14 0.00
CH_MISC_IPPS 23765	23.16 1.19 0.00	21.11 0.97 0.00	21.06 0.98 0.00	20.95 1.02 0.00	21.23 1.03 0.00	25.07 1.26 0.00	34.16 1.72 0.00	37.26 1.87 0.00	31.05 1.70 0.00	27.22 1.47 0.00	25.08 1.37 0.00	24.58 1.33 0.00	24.73 1.40 0.00	26.27 1.39 0.00	27.00 1.50 0.00	29.27 1.79 0.00	34.00 2.07 0.00	47.45 3.19 0.00	42.13 2.76 0.00	36.92 2.38 0.00	31.61 2.12 0.00	27.91 1.85 0.00	24.81 1.62 0.00	22.40 1.27 0.00
CH_RES_BVR_FALLS 23983	21.73 -0.24 0.00	19.92 -0.22 0.00	19.82 -0.26 0.00	19.65 -0.28 0.00	19.88 -0.32 0.00	23.41 -0.40 0.00	31.96 -0.49 0.00	34.85 -0.53 0.00	28.76 -0.59 0.00	25.21 -0.54 0.00	23.18 -0.52 0.00	22.75 -0.51 0.00	22.82 -0.51 0.00	24.35 -0.52 0.00	24.91 -0.59 0.00	26.80 -0.69 0.00	31.09 -0.83 0.00	43.07 -1.19 0.00	37.50 -1.14 0.73	13.41 -1.00 20.13	7.19 -0.88 21.41	2.97 -0.78 22.31	11.28 -0.70 11.21	5.60 -0.66 14.88
CH_RES_NIAGARA 23895	20.06 -1.91 0.00	18.45 -1.69 0.00	18.25 -1.83 0.00	18.04 -1.89 0.00	18.32 -1.88 0.00	21.69 -2.12 0.00	29.36 -3.08 0.00	31.81 -3.57 0.00	26.80 -2.55 0.00	23.59 -2.16 0.00	22.09 -1.61 0.00	21.56 -1.70 0.00	21.58 -1.75 0.00	23.16 -1.72 0.00	23.61 -1.89 0.00	24.84 -2.64 0.00	28.89 -3.03 0.00	38.41 -5.84 0.01	34.65 -4.72 0.00	30.71 -3.83 0.00	26.15 -3.33 0.00	23.43 -2.63 0.00	21.03 -2.16 0.00	19.61 -1.52 0.00
CH_RES_SYRACUSE 23985	21.64 -0.33 0.00	19.86 -0.28 0.00	19.78 -0.30 0.00	19.59 -0.34 0.00	19.88 -0.32 0.00	23.48 -0.33 0.00	31.89 -0.55 0.00	34.85 -0.53 0.00	28.97 -0.38 0.00	25.39 -0.36 0.00	23.37 -0.33 0.00	22.91 -0.35 0.00	22.96 -0.37 0.00	24.50 -0.37 0.00	25.14 -0.36 0.00	27.07 -0.41 0.00	31.47 -0.45 0.00	43.51 -0.75 0.00	38.78 -0.59 0.00	33.99 -0.55 0.00	28.98 -0.50 0.00	25.64 -0.42 0.00	22.82 -0.37 0.00	20.88 -0.25 0.00
CLINTON_WT_PWR 323605	22.10 0.13 0.00	20.32 0.18 0.00	20.22 0.14 0.00	20.11 0.18 0.00	20.36 0.16 0.00	24.07 0.26 0.00	33.22 0.78 0.00	36.30 0.92 0.00	29.67 0.32 0.00	25.90 0.16 0.00	23.73 0.02 0.00	23.26 0.00 0.00	23.31 -0.02 0.00	24.90 0.02 0.00	25.34 -0.15 0.00	27.12 -0.36 0.00	31.38 -0.54 0.00	43.07 -1.19 0.00	37.64 -1.26 0.47	20.54 -1.04 12.97	14.74 -0.94 13.79	10.78 -0.91 14.37	15.18 -0.79 7.22	10.77 -0.78 9.58
CLINTON___LFGE 323618	22.39 0.42 0.00	20.62 0.48 0.00	20.46 0.38 0.00	20.39 0.46 0.00	20.65 0.44 0.00	24.43 0.62 0.00	33.97 1.53 0.00	37.15 1.77 0.00	30.20 0.85 0.00	26.31 0.57 0.00	24.08 0.38 0.00	23.56 0.30 0.00	23.59 0.26 0.00	25.25 0.37 0.00	25.62 0.13 0.00	27.37 -0.11 0.00	31.76 -0.16 0.00	43.33 -0.93 0.00	37.93 -0.98 0.46	21.12 -0.69 12.73	15.20 -0.74 13.55	11.22 -0.73 14.11	15.49 -0.60 7.09	11.09 -0.63 9.41
COBBLENY_34_KV_TB1 80064	20.83 -1.14 0.00	19.13 -1.01 0.00	18.98 -1.10 0.00	18.74 -1.20 0.00	19.07 -1.13 0.00	22.55 -1.26 0.00	30.76 -1.69 0.00	33.51 -1.88 0.00	28.15 -1.20 0.00	24.72 -1.03 0.00	23.14 -0.57 0.00	22.56 -0.70 0.00	22.61 -0.72 0.00	24.28 -0.60 0.00	24.70 -0.79 0.00	26.05 -1.43 0.00	30.33 -1.60 0.00	40.54 -3.72 0.01	36.54 -2.83 0.00	32.26 -2.28 0.00	27.45 -2.03 0.00	24.53 -1.54 0.00	21.96 -1.23 0.00	20.33 -0.80 0.00
COFFEEN___115KV_TB3 355620	22.56 0.59 0.00	20.76 0.62 0.00	20.72 0.64 0.00	20.55 0.62 0.00	20.83 0.63 0.00	24.67 0.86 0.00	33.97 1.52 0.00	36.98 1.59 0.00	30.43 1.09 0.00	26.52 0.77 0.00	24.23 0.52 0.00	23.68 0.42 0.00	23.54 0.21 0.00	25.15 0.27 0.00	25.77 0.28 0.00	28.14 0.66 0.00	32.94 1.02 0.00	46.38 2.12 0.00	41.45 2.13 0.04	35.25 1.90 1.19	29.39 1.18 1.27	25.68 0.94 1.32	22.99 0.46 0.66	20.78 0.53 0.88
COLDSPRG_115KV_BK1 355956	21.20 -0.77 0.00	19.46 -0.68 0.00	19.34 -0.74 0.00	19.08 -0.86 0.00	19.47 -0.73 0.00	22.98 -0.83 0.00	31.57 -0.88 0.00	34.54 -0.85 0.00	28.91 -0.44 0.00	25.31 -0.44 0.00	23.71 0.00 0.00	23.07 -0.19 0.00	23.12 -0.21 0.00	24.83 -0.05 0.00	25.24 -0.25 0.00	26.60 -0.88 0.00	31.00 -0.93 0.00	41.51 -2.74 0.01	37.40 -1.97 0.00	33.02 -1.52 0.00	28.07 -1.42 0.00	25.02 -1.04 0.00	22.40 -0.79 0.00	20.56 -0.57 0.00
COLONIE_LFGE___ 323577	22.98 1.01 0.00	21.01 0.87 0.00	20.94 0.86 0.00	20.81 0.88 0.00	21.09 0.89 0.00	24.86 1.05 0.00	33.94 1.49 0.00	36.98 1.59 0.00	30.73 1.38 0.00	26.96 1.21 0.00	24.84 1.14 0.00	24.38 1.12 0.00	24.45 1.12 0.00	26.04 1.17 0.00	26.74 1.25 0.00	28.91 1.43 0.00	33.55 1.63 0.00	46.74 2.48 0.00	41.54 2.16 0.00	36.41 1.86 0.00	31.07 1.59 0.00	27.47 1.41 0.00	24.39 1.20 0.00	22.15 1.01 0.00
COOPERNY_115KV_TB1 80082	22.70 0.73 0.00	20.74 0.60 0.00	20.70 0.62 0.00	20.55 0.62 0.00	20.83 0.63 0.00	24.52 0.71 0.00	33.45 1.01 0.00	36.45 1.06 0.00	30.35 1.00 0.00	26.68 0.93 0.00	24.56 0.85 0.00	24.12 0.86 0.00	24.24 0.91 0.00	25.77 0.90 0.00	26.41 0.92 0.00	28.55 1.07 0.00	33.20 1.28 0.00	46.12 1.86 0.00	41.03 1.65 0.00	36.03 1.49 0.00	30.78 1.30 0.00	27.18 1.12 0.00	24.18 1.00 0.00	21.87 0.74 0.00
COPENHAGEN_WT_PWR 323753	22.34 0.37 0.00	20.54 0.40 0.00	20.52 0.44 0.00	20.33 0.40 0.00	20.61 0.40 0.00	24.36 0.55 0.00	33.52 1.07 0.00	36.48 1.10 0.00	30.08 0.73 0.00	26.24 0.49 0.00	24.01 0.31 0.00	23.47 0.21 0.00	23.38 0.05 0.00	24.95 0.07 0.00	25.57 0.08 0.00	27.84 0.36 0.00	32.50 0.58 0.00	45.67 1.42 0.00	40.79 1.46 0.04	34.70 1.28 1.12	29.03 0.74 1.19	25.39 0.57 1.24	22.77 0.21 0.63	20.60 0.30 0.83
CORNELL_____ 23752	22.06 0.09 0.00	20.22 0.08 0.00	20.14 0.06 0.00	19.95 0.02 0.00	20.24 0.04 0.00	23.95 0.14 0.00	32.67 0.23 0.00	35.70 0.32 0.00	29.64 0.29 0.00	25.95 0.21 0.00	23.87 0.17 0.00	23.38 0.12 0.00	23.40 0.07 0.00	25.00 0.12 0.00	25.65 0.15 0.00	27.62 0.14 0.00	32.21 0.29 0.00	44.52 0.27 0.00	39.77 0.39 0.00	34.85 0.31 0.00	29.66 0.18 0.00	26.22 0.16 0.00	23.30 0.12 0.00	21.26 0.13 0.00



CORONA_69_KV_TB1 355595	23.20 1.23 0.00	21.17 1.03 0.00	21.17 1.08 0.00	20.99 1.06 0.00	21.11 0.91 0.00	25.10 1.29 0.00	33.71 1.27 0.01	37.22 1.84 0.00	31.11 1.76 0.00	27.81 2.06 0.00	25.75 2.04 0.00	25.58 2.16 -0.16	25.50 2.17 0.00	29.08 2.21 -1.99	30.19 2.27 -2.43	30.01 2.53 0.00	35.79 2.87 -0.99	57.05 4.07 -8.72	42.99 3.62 0.00	37.69 3.14 0.00	32.28 2.80 0.00	30.87 2.58 -2.22	28.32 2.32 -2.81	23.46 1.84 -0.49
CORTLAND_115KV_TB3 80093	21.95 -0.02 0.00	20.14 0.00 0.00	20.06 -0.02 0.00	19.89 -0.04 0.00	20.18 -0.02 0.00	23.83 0.02 0.00	32.51 0.06 0.00	35.49 0.11 0.00	29.47 0.12 0.00	25.83 0.08 0.00	23.78 0.07 0.00	23.28 0.02 0.00	23.33 0.00 0.00	24.92 0.05 0.00	25.54 0.05 0.00	27.51 0.03 0.00	32.05 0.13 0.00	44.30 0.04 0.00	39.53 0.16 0.00	34.65 0.10 0.00	29.54 0.06 0.00	26.12 0.05 0.00	23.21 0.02 0.00	21.17 0.04 0.00
COXSACKIE___GT 23611	23.42 1.45 0.00	21.29 1.15 0.00	21.29 1.20 0.00	21.19 1.26 0.00	21.54 1.33 0.00	25.48 1.67 0.00	34.81 2.37 0.00	37.62 2.23 0.00	31.11 1.76 0.00	27.01 1.26 0.00	24.80 1.09 0.00	24.09 0.84 0.00	24.24 0.91 0.00	25.84 0.97 0.00	26.69 1.20 0.00	28.94 1.46 0.00	33.77 1.85 0.00	47.62 3.36 0.00	42.36 2.99 0.00	37.03 2.49 0.00	31.57 2.09 0.00	27.81 1.75 0.00	24.67 1.49 0.00	22.32 1.18 0.00
CPV_VALLEY___CC1 323721	22.81 0.83 0.00	20.84 0.70 0.00	20.76 0.68 0.00	20.65 0.72 0.00	20.93 0.73 0.00	24.64 0.83 0.00	33.55 1.10 0.00	36.62 1.24 0.00	30.49 1.14 0.00	26.80 1.06 0.00	24.70 1.00 0.00	24.26 1.00 0.00	24.39 1.05 0.00	25.92 1.04 0.00	26.56 1.07 0.00	28.75 1.26 0.00	33.39 1.47 0.00	46.43 2.17 0.00	41.30 1.93 0.00	36.24 1.69 0.00	30.98 1.50 0.00	27.37 1.30 0.00	24.37 1.18 0.00	22.06 0.93 0.00
CPV_VALLEY___CC2 323722	22.81 0.83 0.00	20.84 0.70 0.00	20.76 0.68 0.00	20.65 0.72 0.00	20.93 0.73 0.00	24.64 0.83 0.00	33.55 1.10 0.00	36.62 1.24 0.00	30.49 1.14 0.00	26.80 1.06 0.00	24.70 1.00 0.00	24.26 1.00 0.00	24.39 1.05 0.00	25.92 1.04 0.00	26.56 1.07 0.00	28.75 1.26 0.00	33.39 1.47 0.00	46.43 2.17 0.00	41.30 1.93 0.00	36.24 1.69 0.00	30.98 1.50 0.00	27.37 1.30 0.00	24.37 1.18 0.00	22.06 0.93 0.00
CRESCENT___HYD 24018	22.98 1.01 0.00	21.01 0.87 0.00	20.94 0.86 0.00	20.81 0.88 0.00	21.09 0.89 0.00	24.86 1.05 0.00	33.94 1.49 0.00	36.98 1.59 0.00	30.73 1.38 0.00	26.96 1.21 0.00	24.84 1.14 0.00	24.38 1.12 0.00	24.45 1.12 0.00	26.04 1.17 0.00	26.74 1.25 0.00	28.91 1.43 0.00	33.55 1.63 0.00	46.74 2.48 0.00	41.54 2.16 0.00	36.41 1.86 0.00	31.07 1.59 0.00	27.47 1.41 0.00	24.39 1.20 0.00	22.15 1.01 0.00
CRICKET___VALLEY_CC1 323756	22.94 0.97 0.00	20.95 0.81 0.00	20.92 0.84 0.00	20.81 0.88 0.00	21.07 0.87 0.00	24.83 1.02 0.00	33.81 1.36 0.00	36.91 1.52 0.00	30.76 1.41 0.00	27.06 1.31 0.00	24.94 1.23 0.00	24.51 1.26 0.00	24.66 1.33 0.00	26.19 1.32 0.00	26.87 1.38 0.00	29.10 1.62 0.00	33.77 1.85 0.00	47.00 2.75 0.00	41.73 2.36 0.00	36.62 2.07 0.00	31.31 1.83 0.00	27.68 1.62 0.00	24.63 1.44 0.00	22.27 1.14 0.00
CRICKET___VALLEY_CC2 323757	22.94 0.97 0.00	20.95 0.81 0.00	20.92 0.84 0.00	20.81 0.88 0.00	21.07 0.87 0.00	24.83 1.02 0.00	33.81 1.36 0.00	36.91 1.52 0.00	30.76 1.41 0.00	27.06 1.31 0.00	24.94 1.23 0.00	24.51 1.26 0.00	24.66 1.33 0.00	26.19 1.32 0.00	26.87 1.38 0.00	29.10 1.62 0.00	33.77 1.85 0.00	47.00 2.75 0.00	41.73 2.36 0.00	36.62 2.07 0.00	31.31 1.83 0.00	27.68 1.62 0.00	24.63 1.44 0.00	22.27 1.14 0.00
CRICKET___VALLEY_CC3 323758	22.94 0.97 0.00	20.95 0.81 0.00	20.92 0.84 0.00	20.81 0.88 0.00	21.07 0.87 0.00	24.83 1.02 0.00	33.81 1.36 0.00	36.91 1.52 0.00	30.76 1.41 0.00	27.06 1.31 0.00	24.94 1.23 0.00	24.51 1.26 0.00	24.66 1.33 0.00	26.19 1.32 0.00	26.87 1.38 0.00	29.10 1.62 0.00	33.77 1.85 0.00	47.00 2.75 0.00	41.73 2.36 0.00	36.62 2.07 0.00	31.31 1.83 0.00	27.68 1.62 0.00	24.63 1.44 0.00	22.27 1.14 0.00
CRUCIBLE_METL_DRP 24180	21.64 -0.33 0.00	19.86 -0.28 0.00	19.76 -0.32 0.00	19.60 -0.34 0.00	19.88 -0.32 0.00	23.48 -0.33 0.00	31.89 -0.55 0.00	34.85 -0.53 0.00	28.97 -0.38 0.00	25.39 -0.36 0.00	23.37 -0.33 0.00	22.91 -0.35 0.00	22.96 -0.37 0.00	24.50 -0.37 0.00	25.14 -0.36 0.00	27.07 -0.41 0.00	31.47 -0.45 0.00	43.51 -0.75 0.00	38.78 -0.59 0.00	33.99 -0.55 0.00	28.98 -0.50 0.00	25.65 -0.42 0.00	22.84 -0.35 0.00	20.90 -0.23 0.00
DAHOWA___HYDRO 323763	23.07 1.10 0.00	21.07 0.93 0.00	20.96 0.88 0.00	20.85 0.92 0.00	21.15 0.95 0.00	24.93 1.12 0.00	34.10 1.65 0.00	37.01 1.63 0.00	30.73 1.38 0.00	26.96 1.21 0.00	24.82 1.11 0.00	24.35 1.09 0.00	24.36 1.03 0.00	26.00 1.12 0.00	26.72 1.22 0.00	28.91 1.43 0.00	33.55 1.63 0.00	46.91 2.66 0.00	41.69 2.32 0.00	36.48 1.93 0.00	31.10 1.62 0.00	27.47 1.41 0.00	24.37 1.18 0.00	22.13 0.99 0.00
DANC___LFGE 323619	21.99 0.02 0.00	20.20 0.06 0.00	20.16 0.08 0.00	19.97 0.04 0.00	20.26 0.06 0.00	23.91 0.10 0.00	32.77 0.32 0.00	35.70 0.32 0.00	29.50 0.15 0.00	25.77 0.03 0.00	23.66 -0.05 0.00	23.17 -0.09 0.00	23.10 -0.23 0.00	24.68 -0.20 0.00	25.29 -0.20 0.00	27.43 -0.05 0.00	31.92 0.00 0.00	44.61 0.35 0.00	39.82 0.47 0.03	34.22 0.42 0.74	28.82 0.12 0.78	25.30 0.05 0.82	22.66 -0.12 0.41	20.59 0.00 0.54
DANSKAMMER___1 23586	23.16 1.19 0.00	21.11 0.97 0.00	21.06 0.98 0.00	20.95 1.02 0.00	21.23 1.03 0.00	25.07 1.26 0.00	34.16 1.72 0.00	37.26 1.87 0.00	31.05 1.70 0.00	27.22 1.47 0.00	25.08 1.37 0.00	24.58 1.33 0.00	24.73 1.40 0.00	26.27 1.39 0.00	27.00 1.50 0.00	29.27 1.79 0.00	34.00 2.07 0.00	47.45 3.19 0.00	42.13 2.76 0.00	36.92 2.38 0.00	31.61 2.12 0.00	27.91 1.85 0.00	24.81 1.62 0.00	22.40 1.27 0.00
DANSKAMMER___2 23589	23.16 1.19 0.00	21.11 0.97 0.00	21.06 0.98 0.00	20.95 1.02 0.00	21.23 1.03 0.00	25.07 1.26 0.00	34.16 1.72 0.00	37.26 1.87 0.00	31.05 1.70 0.00	27.22 1.47 0.00	25.08 1.37 0.00	24.58 1.33 0.00	24.73 1.40 0.00	26.27 1.39 0.00	27.00 1.50 0.00	29.27 1.79 0.00	34.00 2.07 0.00	47.45 3.19 0.00	42.13 2.76 0.00	36.92 2.38 0.00	31.61 2.12 0.00	27.91 1.85 0.00	24.81 1.62 0.00	22.40 1.27 0.00
DANSKAMMER___3 23590	23.16 1.19 0.00	21.11 0.97 0.00	21.06 0.98 0.00	20.95 1.02 0.00	21.23 1.03 0.00	25.07 1.26 0.00	34.16 1.72 0.00	37.26 1.87 0.00	31.05 1.70 0.00	27.22 1.47 0.00	25.08 1.37 0.00	24.58 1.33 0.00	24.73 1.40 0.00	26.27 1.39 0.00	27.00 1.50 0.00	29.27 1.79 0.00	34.00 2.07 0.00	47.45 3.19 0.00	42.13 2.76 0.00	36.92 2.38 0.00	31.61 2.12 0.00	27.91 1.85 0.00	24.81 1.62 0.00	22.40 1.27 0.00



DANSKAMMER___4 23591	23.16 1.19 0.00	21.11 0.97 0.00	21.06 0.98 0.00	20.95 1.02 0.00	21.23 1.03 0.00	25.07 1.26 0.00	34.16 1.72 0.00	37.26 1.87 0.00	31.05 1.70 0.00	27.22 1.47 0.00	25.08 1.37 0.00	24.58 1.33 0.00	24.73 1.40 0.00	26.27 1.39 0.00	27.00 1.50 0.00	29.27 1.79 0.00	34.00 2.07 0.00	47.45 3.19 0.00	42.13 2.76 0.00	36.92 2.38 0.00	31.61 2.12 0.00	27.91 1.85 0.00	24.81 1.62 0.00	22.40 1.27 0.00
DANSKAMMER___DIESEL 23592	23.16 1.19 0.00	21.11 0.97 0.00	21.09 1.00 0.00	20.95 1.02 0.00	21.23 1.03 0.00	25.07 1.26 0.00	34.20 1.75 0.00	37.26 1.88 0.00	31.05 1.70 0.00	27.22 1.47 0.00	25.08 1.37 0.00	24.58 1.33 0.00	24.76 1.42 0.00	26.27 1.39 0.00	27.00 1.50 0.00	29.24 1.76 0.00	34.00 2.07 0.00	47.45 3.19 0.00	42.13 2.76 0.00	36.93 2.38 0.00	31.60 2.12 0.00	27.91 1.85 0.00	24.81 1.62 0.00	22.34 1.20 0.00
DARBY___SOLAR 323810	23.05 1.08 0.00	21.03 0.89 0.00	20.94 0.86 0.00	20.83 0.90 0.00	21.13 0.93 0.00	24.88 1.07 0.00	34.04 1.59 0.00	36.98 1.59 0.00	30.70 1.35 0.00	26.93 1.19 0.00	24.80 1.09 0.00	24.33 1.07 0.00	24.36 1.03 0.00	26.00 1.12 0.00	26.69 1.20 0.00	28.88 1.40 0.00	33.52 1.60 0.00	46.82 2.57 0.00	41.61 2.24 0.00	36.41 1.86 0.00	31.07 1.59 0.00	27.44 1.38 0.00	24.35 1.16 0.00	22.11 0.97 0.00
DASHVILLE___HYD 23610	22.74 0.77 0.00	20.74 0.60 0.00	20.74 0.66 0.00	20.61 0.68 0.00	20.89 0.69 0.00	24.64 0.83 0.00	33.55 1.10 0.00	36.55 1.17 0.00	30.43 1.09 0.00	26.70 0.95 0.00	24.58 0.88 0.00	24.12 0.86 0.00	24.29 0.96 0.00	25.77 0.90 0.00	26.46 0.97 0.00	28.66 1.18 0.00	33.29 1.37 0.00	46.43 2.17 0.00	41.26 1.89 0.00	36.20 1.66 0.00	30.99 1.50 0.00	27.34 1.28 0.00	24.35 1.16 0.00	21.94 0.80 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	23.33 1.36 0.00	21.35 1.21 0.00	21.53 1.45 0.00	21.31 1.38 0.00	21.21 1.01 0.00	25.31 1.50 0.00	33.80 1.36 0.01	37.44 2.05 0.00	31.23 1.88 0.00	27.83 2.09 0.00	25.89 2.18 0.00	25.63 2.28 -0.09	25.53 2.19 0.00	28.36 2.36 -1.12	29.54 2.68 -1.37	30.56 3.08 0.00	36.63 4.15 -0.56	54.63 5.44 -4.93	44.02 4.65 0.00	38.34 3.80 0.00	32.78 3.30 0.00	30.34 3.02 -1.26	28.64 2.64 -2.81	23.75 2.13 -0.49
DELAWARE___LFGE 323621	22.59 0.62 0.00	20.70 0.56 0.00	20.68 0.60 0.00	20.51 0.58 0.00	20.79 0.59 0.00	24.52 0.71 0.00	33.48 1.04 0.00	36.48 1.10 0.00	30.32 0.97 0.00	26.62 0.88 0.00	24.49 0.78 0.00	24.03 0.77 0.00	24.08 0.75 0.00	25.67 0.80 0.00	26.33 0.84 0.00	28.50 1.02 0.00	33.13 1.21 0.00	45.98 1.73 0.00	40.91 1.54 0.00	35.93 1.38 0.00	30.60 1.12 0.00	27.05 0.99 0.00	23.98 0.79 0.00	21.79 0.66 0.00
DERFIELD_115KV_TB7 355931	22.08 0.11 0.00	20.22 0.08 0.00	20.18 0.10 0.00	20.03 0.10 0.00	20.30 0.10 0.00	23.93 0.12 0.00	32.58 0.13 0.00	35.53 0.14 0.00	29.50 0.15 0.00	25.88 0.13 0.00	23.83 0.12 0.00	23.38 0.12 0.00	23.45 0.12 0.00	25.00 0.12 0.00	25.62 0.13 0.00	27.65 0.16 0.00	32.11 0.19 0.00	44.57 0.31 0.00	39.67 0.28 -0.03	35.54 0.24 -0.75	30.46 0.18 -0.80	27.06 0.16 -0.84	23.75 0.14 -0.42	21.82 0.13 -0.56
DOGLEVILLE___HYD 23807	22.26 0.28 0.00	20.36 0.22 0.00	20.28 0.20 0.00	20.13 0.20 0.00	20.38 0.18 0.00	24.05 0.24 0.00	32.84 0.39 0.00	35.74 0.35 0.00	29.70 0.35 0.00	26.11 0.36 0.00	24.06 0.36 0.00	23.61 0.35 0.00	23.66 0.33 0.00	25.20 0.32 0.00	25.82 0.33 0.00	27.84 0.36 0.00	32.21 0.29 0.00	44.75 0.49 0.00	39.83 0.43 -0.03	35.75 0.45 -0.75	30.64 0.36 -0.80	27.34 0.44 -0.84	23.96 0.35 -0.42	22.05 0.36 -0.56
DUNKIRK___115KV_TB_200 55889	20.78 -1.19 0.00	19.07 -1.07 0.00	18.94 -1.14 0.00	18.70 -1.24 0.00	19.03 -1.17 0.00	22.50 -1.31 0.00	30.73 -1.72 0.00	33.47 -1.91 0.00	28.09 -1.26 0.00	24.64 -1.11 0.00	23.07 -0.64 0.00	22.49 -0.77 0.00	22.54 -0.79 0.00	24.18 -0.70 0.00	24.60 -0.89 0.00	25.94 -1.54 0.00	30.23 -1.69 0.00	40.40 -3.85 0.01	36.42 -2.95 0.00	32.19 -2.35 0.00	27.39 -2.09 0.00	24.45 -1.62 0.00	21.89 -1.30 0.00	20.20 -0.93 0.00
DUNKIRK___1 23563	20.78 -1.19 0.00	19.07 -1.07 0.00	18.94 -1.14 0.00	18.70 -1.24 0.00	19.03 -1.17 0.00	22.50 -1.31 0.00	30.73 -1.72 0.00	33.47 -1.91 0.00	28.09 -1.26 0.00	24.64 -1.11 0.00	23.07 -0.64 0.00	22.49 -0.77 0.00	22.54 -0.79 0.00	24.18 -0.70 0.00	24.60 -0.89 0.00	25.94 -1.54 0.00	30.23 -1.69 0.00	40.40 -3.85 0.01	36.42 -2.95 0.00	32.19 -2.35 0.00	27.39 -2.09 0.00	24.45 -1.62 0.00	21.89 -1.30 0.00	20.20 -0.93 0.00
DUNKIRK___2 23564	20.78 -1.19 0.00	19.07 -1.07 0.00	18.94 -1.14 0.00	18.70 -1.24 0.00	19.03 -1.17 0.00	22.50 -1.31 0.00	30.73 -1.72 0.00	33.47 -1.91 0.00	28.09 -1.26 0.00	24.64 -1.11 0.00	23.07 -0.64 0.00	22.49 -0.77 0.00	22.54 -0.79 0.00	24.18 -0.70 0.00	24.60 -0.89 0.00	25.94 -1.54 0.00	30.23 -1.69 0.00	40.40 -3.85 0.01	36.42 -2.95 0.00	32.19 -2.35 0.00	27.39 -2.09 0.00	24.45 -1.62 0.00	21.89 -1.30 0.00	20.20 -0.93 0.00
DUNKIRK___3 23565	20.78 -1.19 0.00	19.09 -1.05 0.00	18.94 -1.14 0.00	18.70 -1.24 0.00	19.03 -1.17 0.00	22.50 -1.31 0.00	30.69 -1.75 0.00	33.44 -1.95 0.00	28.03 -1.32 0.00	24.62 -1.13 0.00	23.04 -0.66 0.00	22.44 -0.81 0.00	22.52 -0.82 0.00	24.15 -0.72 0.00	24.58 -0.92 0.00	25.92 -1.57 0.00	30.20 -1.72 0.00	40.36 -3.89 0.01	36.42 -2.95 0.00	32.19 -2.35 0.00	27.36 -2.12 0.00	24.45 -1.62 0.00	21.89 -1.30 0.00	20.22 -0.91 0.00
DUNKIRK___4 23566	20.78 -1.19 0.00	19.09 -1.05 0.00	18.94 -1.14 0.00	18.70 -1.24 0.00	19.03 -1.17 0.00	22.50 -1.31 0.00	30.69 -1.75 0.00	33.44 -1.95 0.00	28.03 -1.32 0.00	24.62 -1.13 0.00	23.04 -0.66 0.00	22.44 -0.81 0.00	22.52 -0.82 0.00	24.15 -0.72 0.00	24.58 -0.92 0.00	25.92 -1.57 0.00	30.20 -1.72 0.00	40.36 -3.89 0.01	36.42 -2.95 0.00	32.19 -2.35 0.00	27.36 -2.12 0.00	24.45 -1.62 0.00	21.89 -1.30 0.00	20.22 -0.91 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	23.18 1.21 0.00	21.15 1.01 0.00	21.11 1.02 0.00	20.95 1.02 0.00	21.21 1.01 0.00	25.05 1.24 0.00	34.13 1.69 0.00	37.26 1.88 0.00	31.11 1.76 0.00	27.42 1.67 0.00	25.25 1.54 0.00	24.86 1.60 0.00	25.01 1.68 0.00	26.54 1.67 0.00	27.20 1.71 0.00	29.46 1.98 0.00	34.19 2.27 0.00	47.58 3.32 0.00	42.25 2.87 0.00	37.06 2.52 0.00	31.75 2.27 0.00	28.04 1.98 0.00	24.95 1.76 0.00	22.44 1.31 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	23.03 1.05 0.00	21.01 0.87 0.00	20.98 0.90 0.00	20.83 0.90 0.00	21.11 0.91 0.00	24.91 1.10 0.00	33.94 1.49 0.00	36.98 1.59 0.00	30.82 1.47 0.00	27.06 1.31 0.00	24.92 1.21 0.00	24.45 1.19 0.00	24.62 1.28 0.00	26.12 1.24 0.00	26.82 1.33 0.00	29.02 1.54 0.00	33.74 1.82 0.00	47.00 2.74 0.00	41.81 2.44 0.00	36.65 2.11 0.00	31.37 1.89 0.00	27.70 1.64 0.00	24.65 1.46 0.00	22.19 1.06 0.00



E179THST_138_KV_TB4_REV_LBMP_J 345001	23.42 1.45 0.00	21.29 1.15 0.00	21.19 1.10 0.00	21.05 1.12 0.00	21.29 1.09 0.00	25.14 1.33 0.00	34.23 1.78 0.00	37.33 1.95 0.00	31.23 1.88 0.00	27.55 1.80 0.00	25.29 1.59 0.00	25.00 1.74 0.00	25.20 1.87 0.00	26.64 1.77 0.00	27.30 1.81 0.00	29.71 2.23 0.00	34.25 2.33 0.00	47.71 3.45 0.00	42.32 2.95 0.00	37.17 2.63 0.00	32.02 2.54 0.00	28.20 2.14 0.00	25.23 2.04 0.00	22.63 1.50 0.00
E179THST_13_KV_LOAD 356214	23.49 1.52 0.00	21.37 1.23 0.00	21.25 1.16 0.00	21.11 1.18 0.00	21.35 1.15 0.00	25.21 1.40 0.00	34.36 1.91 0.00	37.47 2.09 0.00	31.34 2.00 0.00	27.65 1.91 0.00	25.39 1.68 0.00	25.10 1.84 0.00	25.29 1.96 0.00	26.74 1.87 0.00	27.41 1.91 0.00	29.82 2.34 0.00	34.41 2.49 0.00	47.89 3.63 0.00	42.48 3.11 0.00	37.31 2.76 0.00	32.13 2.65 0.00	28.30 2.24 0.00	25.32 2.13 0.00	22.72 1.58 0.00
EAST HAMPTON___GT 23717	23.49 1.51 0.00	21.45 1.31 0.00	21.55 1.47 0.00	21.19 1.26 0.00	21.37 1.17 0.00	25.45 1.64 0.00	34.00 1.56 0.01	37.76 2.37 0.00	31.49 2.14 0.00	27.96 2.21 0.00	26.10 2.39 0.00	25.86 2.51 -0.09	25.72 2.38 0.00	28.61 2.61 -1.12	29.77 2.91 -1.37	31.11 3.63 0.00	36.92 4.44 -0.56	55.03 5.84 -4.93	44.25 4.88 0.00	38.45 3.90 0.00	32.64 3.16 0.00	30.21 2.89 -1.26	28.45 2.46 -2.81	23.69 2.07 -0.49
EAST RIVER___6 23660	23.25 1.27 0.00	21.19 1.05 0.00	21.06 0.98 0.00	20.93 1.00 0.00	21.13 0.93 0.00	25.00 1.19 0.00	34.04 1.59 0.00	37.26 1.87 0.00	31.17 1.82 0.00	27.47 1.73 0.00	25.30 1.59 0.00	24.96 1.70 0.00	25.09 1.75 0.00	26.62 1.74 0.00	27.25 1.76 0.00	29.60 2.12 0.00	34.25 2.33 0.00	47.71 3.45 0.00	42.33 2.95 0.00	37.10 2.56 0.00	31.81 2.33 0.00	28.04 1.98 0.00	25.06 1.88 0.00	22.59 1.46 0.00
EAST RIVER___7 23524	23.25 1.27 0.00	21.19 1.05 0.00	21.06 0.98 0.00	20.93 1.00 0.00	21.13 0.93 0.00	25.00 1.19 0.00	34.04 1.59 0.00	37.26 1.87 0.00	31.17 1.82 0.00	27.47 1.73 0.00	25.30 1.59 0.00	24.96 1.70 0.00	25.09 1.75 0.00	26.62 1.74 0.00	27.25 1.76 0.00	29.60 2.12 0.00	34.25 2.33 0.00	47.71 3.45 0.00	42.33 2.95 0.00	37.10 2.56 0.00	31.81 2.33 0.00	28.04 1.98 0.00	25.06 1.88 0.00	22.59 1.46 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	23.14 1.16 0.00	21.11 0.97 0.00	21.07 0.98 0.00	20.91 0.98 0.00	21.17 0.97 0.00	25.00 1.19 0.00	34.10 1.65 0.00	37.22 1.84 0.00	31.05 1.70 0.00	27.34 1.60 0.00	25.18 1.47 0.00	24.79 1.54 0.00	24.94 1.61 0.00	26.47 1.59 0.00	27.12 1.63 0.00	29.38 1.90 0.00	34.09 2.17 0.00	47.45 3.19 0.00	42.17 2.80 0.00	36.96 2.42 0.00	31.66 2.18 0.00	27.97 1.90 0.00	24.88 1.69 0.00	22.38 1.25 0.00
EAST_HAMPTON___DIESEL 23722	23.49 1.51 0.00	21.45 1.31 0.00	21.55 1.47 0.00	21.19 1.26 0.00	21.35 1.15 0.00	25.45 1.64 0.00	34.00 1.56 0.01	37.76 2.37 0.00	31.49 2.14 0.00	27.96 2.21 0.00	26.10 2.39 0.00	25.86 2.51 -0.09	25.72 2.38 0.00	28.61 2.61 -1.12	29.77 2.91 -1.37	31.11 3.63 0.00	36.92 4.44 -0.56	55.03 5.84 -4.93	44.25 4.88 0.00	38.41 3.87 0.00	32.58 3.09 0.00	30.19 2.87 -1.26	28.43 2.43 -2.81	23.65 2.03 -0.49
EAST_POINT___SOLAR 323840	23.42 1.45 0.00	21.37 1.23 0.00	21.27 1.18 0.00	21.15 1.22 0.00	21.48 1.27 0.00	25.38 1.57 0.00	34.91 2.46 0.00	37.82 2.44 0.00	31.11 1.76 0.00	26.96 1.21 0.00	24.47 0.76 0.00	23.61 0.35 0.00	23.62 0.28 0.00	25.52 0.65 0.00	26.46 0.97 0.00	29.32 1.84 0.00	34.16 2.23 0.00	47.89 3.63 0.00	42.60 3.23 0.00	37.20 2.66 0.00	31.61 2.12 0.00	28.02 1.96 0.00	24.67 1.49 0.00	22.42 1.29 0.00
EAST_PULASKI___ESR 323781	21.66 -0.31 0.00	19.88 -0.26 0.00	19.84 -0.24 0.00	19.65 -0.28 0.00	19.94 -0.26 0.00	23.50 -0.31 0.00	32.06 -0.39 0.00	34.96 -0.42 0.00	28.97 -0.38 0.00	25.36 -0.39 0.00	23.35 -0.35 0.00	22.86 -0.40 0.00	22.87 -0.47 0.00	24.40 -0.47 0.00	25.04 -0.46 0.00	27.04 -0.44 0.00	31.41 -0.51 0.00	43.68 -0.58 0.00	38.93 -0.43 0.01	33.81 -0.38 0.35	28.67 -0.44 0.37	25.26 -0.42 0.39	22.57 -0.42 0.20	20.62 -0.25 0.26
EAST_RIVER___1 323558	23.29 1.32 0.00	21.23 1.09 0.00	21.10 1.02 0.00	20.99 1.06 0.00	21.23 1.03 0.00	25.12 1.31 0.00	34.20 1.75 0.00	37.36 1.98 0.00	31.26 1.91 0.00	27.52 1.78 0.00	25.34 1.63 0.00	25.03 1.77 0.00	25.13 1.80 0.00	26.67 1.79 0.00	27.33 1.84 0.00	29.65 2.17 0.00	34.32 2.40 0.00	47.80 3.54 0.00	42.40 3.03 0.00	37.20 2.66 0.00	31.90 2.42 0.00	28.15 2.09 0.00	25.11 1.92 0.00	22.63 1.50 0.00
EAST_RIVER___2 323559	23.25 1.27 0.00	21.19 1.05 0.00	21.06 0.98 0.00	20.93 1.00 0.00	21.13 0.93 0.00	25.00 1.19 0.00	34.04 1.59 0.00	37.26 1.87 0.00	31.17 1.82 0.00	27.47 1.73 0.00	25.30 1.59 0.00	24.96 1.70 0.00	25.09 1.75 0.00	26.62 1.74 0.00	27.25 1.76 0.00	29.60 2.12 0.00	34.25 2.33 0.00	47.71 3.45 0.00	42.33 2.95 0.00	37.10 2.56 0.00	31.81 2.33 0.00	28.04 1.98 0.00	25.06 1.88 0.00	22.59 1.46 0.00
EAST___DELAWARE_HYD 23607	23.09 1.12 0.00	21.07 0.93 0.00	21.03 0.94 0.00	20.91 0.98 0.00	21.19 0.99 0.00	25.05 1.24 0.00	34.13 1.69 0.00	37.15 1.77 0.00	30.93 1.58 0.00	27.09 1.34 0.00	24.94 1.23 0.00	24.40 1.14 0.00	24.57 1.24 0.00	26.09 1.22 0.00	26.82 1.32 0.00	29.05 1.57 0.00	33.80 1.88 0.00	47.22 2.97 0.00	41.97 2.60 0.00	36.82 2.28 0.00	31.46 1.98 0.00	27.76 1.69 0.00	24.69 1.51 0.00	22.32 1.18 0.00
EIGHT_POINT___WT_PWR 323820	21.05 -0.92 0.00	19.33 -0.81 0.00	19.22 -0.86 0.00	18.92 -1.02 0.00	19.25 -0.95 0.00	22.76 -1.05 0.00	31.18 -1.27 0.00	34.00 -1.38 0.00	28.32 -1.03 0.00	24.82 -0.93 0.00	23.09 -0.62 0.00	22.54 -0.72 0.00	22.66 -0.68 0.00	24.23 -0.65 0.00	24.70 -0.79 0.00	26.19 -1.29 0.00	30.49 -1.44 0.00	41.03 -3.23 0.00	36.81 -2.56 0.00	32.33 -2.21 0.00	27.63 -1.86 0.00	24.58 -1.48 0.00	21.93 -1.25 0.00	20.14 -0.99 0.00
ELBRIDGE_115KV_TB2 80188	21.53 -0.44 0.00	19.76 -0.38 0.00	19.66 -0.42 0.00	19.50 -0.44 0.00	19.78 -0.42 0.00	23.36 -0.45 0.00	31.73 -0.71 0.00	34.64 -0.74 0.00	28.82 -0.53 0.00	25.26 -0.49 0.00	23.28 -0.43 0.00	22.82 -0.44 0.00	22.87 -0.47 0.00	24.40 -0.47 0.00	25.03 -0.46 0.00	26.93 -0.55 0.00	31.32 -0.61 0.00	43.29 -0.97 0.00	38.58 -0.79 0.00	33.82 -0.73 0.00	28.83 -0.65 0.00	25.52 -0.55 0.00	22.72 -0.46 0.00	20.82 -0.32 0.00
ELEC_TRO_TEK 24086	23.09 1.12 0.00	21.07 0.93 0.00	21.07 0.98 0.00	20.89 0.96 0.00	21.03 0.83 0.00	24.98 1.17 0.00	33.54 1.10 0.01	37.08 1.70 0.00	30.96 1.61 0.00	27.68 1.93 0.00	25.63 1.92 0.00	25.46 2.05 -0.16	25.39 2.05 0.00	28.95 2.11 -1.96	30.03 2.14 -2.39	29.85 2.36 0.00	35.65 2.75 -0.98	56.76 3.89 -8.61	42.80 3.43 0.00	37.48 2.94 0.00	32.11 2.62 0.00	30.71 2.45 -2.19	28.20 2.20 -2.81	23.35 1.73 -0.49



ELLENBURG_WT_PWR 323604	22.10 0.13 0.00	20.32 0.18 0.00	20.22 0.14 0.00	20.11 0.18 0.00	20.36 0.16 0.00	24.07 0.26 0.00	33.22 0.78 0.00	36.30 0.92 0.00	29.67 0.32 0.00	25.90 0.16 0.00	23.73 0.02 0.00	23.26 0.00 0.00	23.31 -0.02 0.00	24.90 0.02 0.00	25.34 -0.15 0.00	27.12 -0.36 0.00	31.38 -0.54 0.00	43.07 -1.19 0.00	37.64 -1.26 0.47	20.54 -1.04 12.97	14.74 -0.94 13.79	10.78 -0.91 14.37	15.18 -0.79 7.22	10.77 -0.78 9.58
ELM_ST_23_KV_LD_REV_LBMP_A 345012	20.61 -1.36 0.00	18.93 -1.21 0.00	18.76 -1.33 0.00	18.54 -1.40 0.00	18.85 -1.35 0.00	22.29 -1.52 0.00	30.30 -2.14 0.00	32.94 -2.44 0.00	27.71 -1.64 0.00	24.33 -1.42 0.00	22.78 -0.92 0.00	22.21 -1.05 0.00	22.26 -1.07 0.00	23.90 -0.97 0.00	24.35 -1.15 0.00	25.64 -1.84 0.00	29.85 -2.07 0.00	39.78 -4.47 0.01	35.91 -3.46 0.00	31.75 -2.80 0.00	27.01 -2.48 0.00	24.13 -1.93 0.00	21.63 -1.55 0.00	20.10 -1.04 0.00
EMPIRE_CC_1 323656	22.96 0.99 0.00	20.99 0.85 0.00	20.94 0.86 0.00	20.81 0.88 0.00	21.09 0.89 0.00	24.86 1.05 0.00	33.87 1.43 0.00	36.94 1.56 0.00	30.73 1.38 0.00	26.98 1.24 0.00	24.84 1.14 0.00	24.40 1.14 0.00	24.50 1.17 0.00	26.07 1.19 0.00	26.74 1.25 0.00	28.94 1.46 0.00	33.58 1.66 0.00	46.69 2.43 0.00	41.54 2.16 0.00	36.41 1.86 0.00	31.10 1.62 0.00	27.47 1.41 0.00	24.42 1.23 0.00	22.17 1.04 0.00
EMPIRE_CC_2 323658	22.96 0.99 0.00	20.99 0.85 0.00	20.94 0.86 0.00	20.81 0.88 0.00	21.09 0.89 0.00	24.86 1.05 0.00	33.87 1.43 0.00	36.94 1.56 0.00	30.73 1.38 0.00	26.98 1.24 0.00	24.84 1.14 0.00	24.40 1.14 0.00	24.50 1.17 0.00	26.07 1.19 0.00	26.74 1.25 0.00	28.94 1.46 0.00	33.58 1.66 0.00	46.69 2.43 0.00	41.54 2.16 0.00	36.41 1.86 0.00	31.10 1.62 0.00	27.47 1.41 0.00	24.42 1.23 0.00	22.17 1.04 0.00
ENORWICH_115KV_TB1 80156	23.33 1.36 0.00	21.43 1.29 0.00	21.37 1.29 0.00	21.13 1.20 0.00	21.41 1.21 0.00	25.48 1.67 0.00	34.98 2.53 0.00	38.00 2.62 0.00	31.40 2.05 0.00	27.45 1.70 0.00	25.08 1.37 0.00	24.56 1.30 0.00	24.45 1.12 0.00	26.19 1.32 0.00	26.92 1.43 0.00	29.35 1.87 0.00	34.35 2.43 0.00	47.89 3.63 0.01	42.56 3.19 0.00	37.24 2.69 0.00	31.40 1.92 0.00	27.68 1.62 0.00	24.28 1.09 0.00	22.19 1.06 0.00
ERIE_ST_34_KV_TB1-2 80199	21.03 -0.94 0.00	19.29 -0.85 0.00	19.16 -0.92 0.00	18.92 -1.02 0.00	19.25 -0.95 0.00	22.76 -1.05 0.00	31.08 -1.36 0.00	33.86 -1.52 0.00	28.41 -0.94 0.00	24.95 -0.80 0.00	23.37 -0.33 0.00	22.77 -0.49 0.00	22.82 -0.51 0.00	24.50 -0.37 0.00	24.93 -0.56 0.00	26.27 -1.21 0.00	30.61 -1.31 0.00	40.89 -3.36 0.01	36.89 -2.48 0.00	32.57 -1.97 0.00	27.71 -1.77 0.00	24.76 -1.30 0.00	22.17 -1.02 0.00	20.50 -0.63 0.00
ERIE_WT_PWR 323693	20.76 -1.21 0.00	19.07 -1.07 0.00	19.04 -1.05 0.00	18.68 -1.26 0.00	19.01 -1.19 0.00	22.48 -1.33 0.00	30.76 -1.69 0.00	33.30 -2.09 0.00	27.97 -1.38 0.00	24.59 -1.16 0.00	23.02 -0.69 0.00	22.42 -0.84 0.00	22.56 -0.77 0.00	24.13 -0.75 0.00	24.58 -0.92 0.00	25.86 -1.62 0.00	30.13 -1.79 0.00	40.23 -4.03 0.01	36.26 -3.11 0.00	32.06 -2.49 0.00	27.30 -2.18 0.00	24.42 -1.64 0.00	21.84 -1.35 0.00	20.31 -0.82 0.00
ESPRGFLD_115KV_TB1 80157	22.89 0.92 0.00	20.95 0.81 0.00	20.90 0.82 0.00	20.75 0.82 0.00	21.05 0.85 0.00	24.91 1.10 0.00	34.17 1.72 0.00	37.12 1.73 0.00	30.73 1.38 0.00	26.91 1.16 0.00	24.65 0.95 0.00	24.10 0.84 0.00	24.10 0.77 0.00	25.82 0.95 0.00	26.54 1.05 0.00	28.91 1.43 0.00	33.61 1.69 0.00	46.83 2.57 0.00	41.69 2.32 0.00	36.51 1.97 0.00	30.99 1.50 0.00	27.44 1.38 0.00	24.21 1.02 0.00	22.04 0.91 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	22.04 0.07 0.00	20.22 0.08 0.00	20.12 0.04 0.00	19.93 0.00 0.00	20.24 0.04 0.00	23.93 0.12 0.00	32.64 0.19 0.00	35.67 0.28 0.00	29.58 0.23 0.00	25.90 0.15 0.00	23.83 0.12 0.00	23.33 0.07 0.00	23.38 0.05 0.00	24.97 0.10 0.00	25.60 0.10 0.00	27.59 0.11 0.00	32.15 0.22 0.00	44.48 0.22 0.00	39.69 0.31 0.00	34.79 0.24 0.00	29.63 0.15 0.00	26.19 0.13 0.00	23.28 0.09 0.00	21.24 0.11 0.00
ETNA____115KV_TB2 80207	22.04 0.07 0.00	20.22 0.08 0.00	20.12 0.04 0.00	19.93 0.00 0.00	20.24 0.04 0.00	23.93 0.12 0.00	32.64 0.19 0.00	35.67 0.28 0.00	29.58 0.23 0.00	25.90 0.15 0.00	23.83 0.12 0.00	23.33 0.07 0.00	23.38 0.05 0.00	24.97 0.10 0.00	25.60 0.10 0.00	27.59 0.11 0.00	32.15 0.22 0.00	44.48 0.22 0.00	39.69 0.31 0.00	34.79 0.24 0.00	29.63 0.15 0.00	26.19 0.13 0.00	23.28 0.09 0.00	21.24 0.11 0.00
EUCLID____115KV_TB2 356179	21.44 -0.53 0.00	19.70 -0.44 0.00	19.60 -0.48 0.00	19.44 -0.50 0.00	19.72 -0.48 0.00	23.26 -0.55 0.00	31.60 -0.84 0.00	34.50 -0.88 0.00	28.67 -0.68 0.00	25.13 -0.62 0.00	23.16 -0.55 0.00	22.70 -0.56 0.00	22.75 -0.58 0.00	24.30 -0.57 0.00	24.91 -0.59 0.00	26.80 -0.69 0.00	31.16 -0.77 0.00	43.06 -1.19 0.00	38.39 -0.98 0.00	33.68 -0.86 0.00	28.71 -0.77 0.00	25.39 -0.68 0.00	22.63 -0.56 0.00	20.73 -0.40 0.00
E_CANADA_CAP_HY 24051	23.13 1.16 0.00	21.15 1.01 0.00	21.04 0.96 0.00	20.93 1.00 0.00	21.25 1.05 0.00	25.09 1.28 0.00	34.49 2.05 0.00	37.40 2.02 0.00	30.87 1.53 0.00	26.96 1.21 0.00	24.63 0.92 0.00	24.00 0.74 0.00	24.03 0.70 0.00	25.80 0.92 0.00	26.59 1.10 0.00	29.08 1.59 0.00	33.74 1.82 0.00	47.13 2.88 0.00	41.93 2.56 0.00	36.69 2.14 0.00	31.16 1.68 0.00	27.71 1.64 0.00	24.44 1.25 0.00	22.21 1.08 0.00
E_CANADA_MHWK_HY 24050	22.26 0.28 0.00	20.36 0.22 0.00	20.28 0.20 0.00	20.13 0.20 0.00	20.38 0.18 0.00	24.05 0.24 0.00	32.84 0.39 0.00	35.74 0.35 0.00	29.70 0.35 0.00	26.11 0.36 0.00	24.06 0.36 0.00	23.61 0.35 0.00	23.66 0.33 0.00	25.20 0.32 0.00	25.82 0.33 0.00	27.84 0.36 0.00	32.21 0.29 0.00	44.75 0.49 0.00	39.83 0.43 -0.03	35.75 0.45 -0.75	30.64 0.36 -0.80	27.34 0.44 -0.84	23.96 0.35 -0.42	22.05 0.36 -0.56
E_FISHKILL____LBMP 23776	23.03 1.05 0.00	21.01 0.87 0.00	20.98 0.90 0.00	20.83 0.90 0.00	21.09 0.89 0.00	24.93 1.12 0.00	33.97 1.52 0.00	37.05 1.66 0.00	30.90 1.56 0.00	27.19 1.44 0.00	25.03 1.33 0.00	24.65 1.40 0.00	24.78 1.45 0.00	26.32 1.44 0.00	26.97 1.48 0.00	29.24 1.76 0.00	33.90 1.98 0.00	47.22 2.97 0.00	41.93 2.56 0.00	36.79 2.25 0.00	31.49 2.00 0.00	27.81 1.75 0.00	24.74 1.55 0.00	22.29 1.16 0.00
FALCON____SEABRD_CC1 323796	22.28 0.31 0.00	20.52 0.38 0.00	20.36 0.28 0.00	20.29 0.36 0.00	20.55 0.34 0.00	24.29 0.48 0.00	33.71 1.26 0.00	36.87 1.49 0.00	30.02 0.68 0.00	26.19 0.44 0.00	23.94 0.24 0.00	23.44 0.19 0.00	23.50 0.16 0.00	25.10 0.22 0.00	25.47 -0.03 0.00	27.21 -0.27 0.00	31.51 -0.42 0.00	42.71 -1.55 0.00	37.41 -1.50 0.47	20.65 -1.07 12.82	14.81 -1.03 13.64	10.84 -1.02 14.21	15.33 -0.72 7.14	10.92 -0.74 9.48



FALCON___SEABRD_CC2 323797	22.28 0.31 0.00	20.52 0.38 0.00	20.36 0.28 0.00	20.29 0.36 0.00	20.55 0.34 0.00	24.29 0.48 0.00	33.71 1.26 0.00	36.87 1.49 0.00	30.02 0.68 0.00	26.19 0.44 0.00	23.94 0.24 0.00	23.44 0.19 0.00	23.50 0.16 0.00	25.10 0.22 0.00	25.47 -0.03 0.00	27.21 -0.27 0.00	31.51 -0.42 0.00	42.71 -1.55 0.00	37.41 -1.50 0.47	20.65 -1.07 12.82	14.81 -1.03 13.64	10.84 -1.02 14.21	15.33 -0.72 7.14	10.92 -0.74 9.48
FAR ROCKAWAY___4 23548	23.33 1.36 0.00	21.29 1.15 0.00	21.29 1.20 0.00	21.09 1.16 0.00	21.21 1.01 0.00	25.24 1.43 0.00	33.87 1.43 0.01	37.44 2.05 0.00	31.29 1.94 0.00	27.99 2.24 0.00	25.91 2.20 0.00	25.75 2.35 -0.14	25.67 2.33 0.00	29.11 2.44 -1.80	30.16 2.47 -2.19	30.23 2.75 0.00	35.98 3.16 -0.90	56.65 4.51 -7.88	43.35 3.98 0.00	38.00 3.45 0.00	32.52 3.04 0.00	30.89 2.81 -2.01	28.48 2.48 -2.81	23.60 1.99 -0.49
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	23.29 1.32 0.00	21.23 1.09 0.00	21.15 1.06 0.00	21.01 1.08 0.00	21.25 1.05 0.00	25.12 1.31 0.00	34.26 1.82 0.00	37.40 2.02 0.00	31.26 1.91 0.00	27.58 1.83 0.00	25.37 1.66 0.00	25.03 1.77 0.00	25.18 1.84 0.00	26.69 1.82 0.00	27.33 1.84 0.00	29.65 2.17 0.00	34.35 2.43 0.00	47.84 3.58 0.00	42.44 3.07 0.00	37.20 2.66 0.00	31.93 2.45 0.00	28.17 2.11 0.00	25.11 1.92 0.00	22.55 1.42 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	23.40 1.43 0.00	21.33 1.19 0.00	21.23 1.14 0.00	21.09 1.16 0.00	21.33 1.13 0.00	25.24 1.43 0.00	34.43 1.98 0.00	37.61 2.23 0.00	31.43 2.08 0.00	27.73 1.98 0.00	25.51 1.80 0.00	25.17 1.91 0.00	25.32 1.98 0.00	26.84 1.97 0.00	27.48 1.99 0.00	29.85 2.36 0.00	34.57 2.65 0.00	48.15 3.89 0.00	42.72 3.35 0.00	37.48 2.94 0.00	32.13 2.65 0.00	28.33 2.27 0.00	25.25 2.06 0.00	22.68 1.54 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	23.29 1.32 0.00	21.23 1.09 0.00	21.15 1.06 0.00	20.99 1.06 0.00	21.25 1.05 0.00	25.12 1.31 0.00	34.23 1.78 0.00	37.40 2.02 0.00	31.26 1.91 0.00	27.55 1.80 0.00	25.37 1.66 0.00	25.03 1.77 0.00	25.18 1.84 0.00	26.67 1.79 0.00	27.33 1.84 0.00	29.65 2.17 0.00	34.32 2.39 0.00	47.80 3.54 0.00	42.40 3.03 0.00	37.20 2.66 0.00	31.90 2.42 0.00	28.17 2.11 0.00	25.09 1.90 0.00	22.55 1.42 0.00
FARRAGUT___LBMP 323566	23.27 1.30 0.00	21.21 1.07 0.00	21.13 1.04 0.00	20.99 1.06 0.00	21.23 1.03 0.00	25.12 1.31 0.00	34.23 1.78 0.00	37.37 1.98 0.00	31.23 1.88 0.00	27.52 1.78 0.00	25.34 1.64 0.00	25.00 1.74 0.00	25.15 1.82 0.00	26.67 1.79 0.00	27.30 1.81 0.00	29.63 2.14 0.00	34.32 2.39 0.00	47.76 3.50 0.00	42.40 3.03 0.00	37.17 2.63 0.00	31.87 2.39 0.00	28.15 2.09 0.00	25.09 1.90 0.00	22.53 1.39 0.00
FENNER___WINDPWR 24204	22.28 0.31 0.00	20.44 0.30 0.00	20.40 0.32 0.00	20.21 0.28 0.00	20.51 0.30 0.00	24.24 0.43 0.00	33.09 0.65 0.00	36.09 0.71 0.00	29.91 0.56 0.00	26.21 0.46 0.00	24.11 0.40 0.00	23.61 0.35 0.00	23.64 0.30 0.00	25.22 0.35 0.00	25.88 0.38 0.00	27.98 0.50 0.00	32.56 0.64 0.00	45.23 0.97 0.00	40.28 0.91 0.00	35.30 0.76 0.00	30.01 0.53 0.00	26.53 0.47 0.00	23.49 0.30 0.00	21.47 0.34 0.00
FIBERTEK___ENERGY 23856	21.64 -0.33 0.00	19.86 -0.28 0.00	19.76 -0.32 0.00	19.60 -0.34 0.00	19.88 -0.32 0.00	23.48 -0.33 0.00	31.89 -0.55 0.00	34.85 -0.53 0.00	28.97 -0.38 0.00	25.39 -0.36 0.00	23.37 -0.33 0.00	22.91 -0.35 0.00	22.96 -0.37 0.00	24.50 -0.37 0.00	25.14 -0.36 0.00	27.07 -0.41 0.00	31.47 -0.45 0.00	43.51 -0.75 0.00	38.78 -0.59 0.00	33.99 -0.55 0.00	28.98 -0.50 0.00	25.65 -0.42 0.00	22.84 -0.35 0.00	20.90 -0.23 0.00
FITZPATRICK____ 23598	21.22 -0.75 0.00	19.48 -0.66 0.00	19.42 -0.66 0.00	19.24 -0.70 0.00	19.52 -0.69 0.00	23.00 -0.81 0.00	31.21 -1.23 0.00	34.04 -1.34 0.00	28.26 -1.09 0.00	24.80 -0.95 0.00	22.85 -0.85 0.00	22.40 -0.86 0.00	22.47 -0.86 0.00	23.98 -0.89 0.00	24.58 -0.92 0.00	26.44 -1.04 0.00	30.74 -1.18 0.00	42.53 -1.73 0.00	37.88 -1.50 0.00	33.23 -1.31 0.00	28.33 -1.15 0.00	25.07 -0.99 0.00	22.33 -0.86 0.00	20.46 -0.68 0.00
FLOWRFLD_69_KV_BK1 356044	23.16 1.19 0.00	21.19 1.05 0.00	21.27 1.18 0.00	21.07 1.14 0.00	21.07 0.87 0.00	25.12 1.31 0.00	33.44 1.01 0.01	37.08 1.70 0.00	30.90 1.56 0.00	27.76 2.01 0.00	25.75 2.04 0.00	25.53 2.19 -0.09	25.46 2.12 0.00	28.27 2.26 -1.13	29.27 2.40 -1.38	30.15 2.67 0.00	35.87 3.38 -0.56	53.77 4.56 -4.95	43.39 4.02 0.00	37.96 3.42 0.00	32.49 3.01 0.00	30.19 2.87 -1.26	28.62 2.62 -2.81	23.71 2.09 -0.49
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	23.18 1.21 0.00	21.15 1.01 0.00	21.13 1.04 0.00	20.99 1.06 0.00	21.27 1.07 0.00	25.12 1.31 0.00	34.26 1.82 0.00	37.33 1.95 0.00	31.11 1.76 0.00	27.27 1.52 0.00	25.11 1.40 0.00	24.61 1.35 0.00	24.80 1.47 0.00	26.32 1.44 0.00	27.05 1.56 0.00	29.30 1.81 0.00	34.06 2.14 0.00	47.53 3.28 0.00	42.21 2.83 0.00	37.00 2.45 0.00	31.66 2.18 0.00	27.97 1.90 0.00	24.86 1.67 0.00	22.36 1.23 0.00
FORT ORANGE____ 23900	22.83 0.86 0.00	20.86 0.72 0.00	20.80 0.72 0.00	20.69 0.76 0.00	20.97 0.77 0.00	24.71 0.90 0.00	33.71 1.26 0.00	36.69 1.31 0.00	30.49 1.14 0.00	26.73 0.98 0.00	24.61 0.90 0.00	24.12 0.86 0.00	24.22 0.89 0.00	25.82 0.95 0.00	26.51 1.02 0.00	28.66 1.18 0.00	33.29 1.37 0.00	46.43 2.17 0.00	41.30 1.93 0.00	36.20 1.66 0.00	30.90 1.42 0.00	27.29 1.23 0.00	24.23 1.04 0.00	22.00 0.87 0.00
FORT_DRUM_COGEN 23780	22.41 0.44 0.00	20.62 0.48 0.00	20.58 0.50 0.00	20.39 0.46 0.00	20.69 0.48 0.00	24.45 0.64 0.00	33.68 1.23 0.00	36.69 1.31 0.00	30.23 0.88 0.00	26.34 0.59 0.00	24.11 0.40 0.00	23.56 0.30 0.00	23.43 0.09 0.00	25.02 0.15 0.00	25.65 0.15 0.00	27.95 0.47 0.00	32.62 0.70 0.00	45.90 1.64 0.00	40.98 1.65 0.05	34.76 1.49 1.27	29.01 0.88 1.35	25.33 0.68 1.41	22.76 0.28 0.71	20.55 0.36 0.94
FOX_HILLS___ESR 323835	23.42 1.45 0.00	21.27 1.13 0.00	21.17 1.08 0.00	21.03 1.10 0.00	21.27 1.07 0.00	25.10 1.29 0.00	33.87 1.43 0.00	36.94 1.56 0.00	31.08 1.73 0.00	27.40 1.65 0.00	25.15 1.45 0.00	24.86 1.60 0.00	25.06 1.73 0.00	26.52 1.64 0.00	27.20 1.71 0.00	29.63 2.14 0.00	34.06 2.14 0.00	47.45 3.19 0.00	42.09 2.72 0.00	36.93 2.38 0.00	31.96 2.48 0.00	28.15 2.09 0.00	25.18 1.99 0.00	22.59 1.46 0.00
FPL FAR_ROCK_GT1 24212	23.33 1.36 0.00	21.29 1.15 0.00	21.23 1.14 0.00	21.01 1.08 0.00	21.21 1.01 0.00	25.21 1.40 0.00	33.83 1.39 0.01	37.44 2.05 0.00	31.29 1.94 0.00	27.91 2.16 0.00	25.91 2.21 0.00	25.75 2.35 -0.14	25.67 2.33 0.00	29.11 2.44 -1.80	30.16 2.47 -2.19	30.29 2.80 0.00	35.98 3.16 -0.90	56.66 4.52 -7.88	43.35 3.97 0.00	38.00 3.45 0.00	32.46 2.98 0.00	30.86 2.79 -2.01	28.50 2.50 -2.81	23.69 2.07 -0.49



FPL FAR_ROCK_GT2 23815	23.33 1.36 0.00	21.29 1.15 0.00	21.23 1.14 0.00	21.01 1.08 0.00	21.21 1.01 0.00	25.21 1.40 0.00	33.83 1.39 0.01	37.44 2.05 0.00	31.29 1.94 0.00	27.91 2.16 0.00	25.91 2.21 0.00	25.75 2.35 -0.14	25.67 2.33 0.00	29.11 2.44 -1.80	30.16 2.47 -2.19	30.29 2.80 0.00	35.98 3.16 -0.90	56.66 4.52 -7.88	43.35 3.97 0.00	38.00 3.45 0.00	32.46 2.98 0.00	30.86 2.79 -2.01	28.50 2.50 -2.81	23.69 2.07 -0.49
FRANKLIN_FALL_HYD 24054	22.52 0.55 0.00	20.76 0.62 0.00	20.66 0.58 0.00	20.55 0.62 0.00	20.81 0.61 0.00	24.62 0.81 0.00	34.20 1.75 0.00	37.37 1.98 0.00	30.43 1.09 0.00	26.49 0.75 0.00	24.23 0.52 0.00	23.68 0.42 0.00	23.68 0.35 0.00	25.32 0.45 0.00	25.80 0.31 0.00	27.73 0.25 0.00	32.27 0.35 0.00	44.83 0.58 0.00	39.38 0.39 0.38	24.37 0.41 10.59	18.33 0.12 11.26	14.35 0.03 11.74	17.10 -0.19 5.90	13.12 -0.19 7.83
FREEPORT_EQUS_GT1 23764	23.20 1.23 0.00	21.15 1.01 0.00	21.10 1.02 0.00	20.89 0.96 0.00	21.11 0.91 0.00	25.07 1.26 0.00	33.61 1.17 0.01	37.22 1.84 0.00	31.05 1.70 0.00	27.73 1.98 0.00	25.75 2.04 0.00	25.56 2.19 -0.12	25.48 2.15 0.00	28.63 2.26 -1.49	29.64 2.32 -1.82	30.09 2.61 0.00	35.64 2.97 -0.75	55.02 4.21 -6.56	43.07 3.70 0.00	37.72 3.18 0.00	32.22 2.74 0.00	30.37 2.63 -1.67	28.39 2.39 -2.81	23.58 1.97 -0.49
FREEPORT___CT2 23818	23.20 1.23 0.00	21.15 1.01 0.00	21.10 1.02 0.00	20.89 0.96 0.00	21.11 0.91 0.00	25.07 1.26 0.00	33.61 1.17 0.01	37.22 1.84 0.00	31.05 1.70 0.00	27.73 1.98 0.00	25.75 2.04 0.00	25.56 2.19 -0.12	25.48 2.15 0.00	28.63 2.26 -1.49	29.64 2.32 -1.82	30.09 2.61 0.00	35.64 2.97 -0.75	55.02 4.21 -6.56	43.07 3.70 0.00	37.72 3.18 0.00	32.22 2.74 0.00	30.37 2.63 -1.67	28.39 2.39 -2.81	23.58 1.97 -0.49
FRESHKLS_33_KV_LOAD 356253	23.47 1.49 0.00	21.31 1.17 0.00	21.21 1.12 0.00	21.05 1.12 0.00	21.31 1.11 0.00	25.12 1.31 0.00	33.81 1.36 0.00	36.87 1.49 0.00	31.08 1.73 0.00	27.37 1.62 0.00	25.13 1.42 0.00	24.84 1.58 0.00	25.04 1.70 0.00	26.49 1.62 0.00	27.18 1.68 0.00	29.63 2.14 0.00	34.00 2.07 0.00	47.40 3.14 0.00	42.05 2.68 0.00	36.89 2.35 0.00	31.96 2.48 0.00	28.17 2.11 0.00	25.20 2.02 0.00	22.61 1.48 0.00
FULTON COGEN____ 23766	21.42 -0.55 0.00	19.68 -0.46 0.00	19.58 -0.50 0.00	19.42 -0.52 0.00	19.70 -0.51 0.00	23.24 -0.57 0.00	31.57 -0.88 0.00	34.46 -0.92 0.00	28.62 -0.73 0.00	25.10 -0.64 0.00	23.11 -0.59 0.00	22.65 -0.60 0.00	22.70 -0.63 0.00	24.25 -0.62 0.00	24.86 -0.64 0.00	26.77 -0.71 0.00	31.12 -0.80 0.00	43.06 -1.19 0.00	38.39 -0.98 0.00	33.65 -0.90 0.00	28.69 -0.80 0.00	25.39 -0.68 0.00	22.61 -0.58 0.00	20.71 -0.42 0.00
FULTON___LFGE 323630	23.25 1.27 0.00	21.23 1.09 0.00	21.12 1.04 0.00	21.01 1.08 0.00	21.33 1.13 0.00	25.19 1.38 0.00	34.59 2.14 0.00	37.51 2.12 0.00	30.99 1.64 0.00	27.06 1.31 0.00	24.75 1.04 0.00	24.17 0.91 0.00	24.20 0.86 0.00	25.94 1.07 0.00	26.74 1.25 0.00	29.16 1.68 0.00	33.87 1.95 0.00	47.45 3.19 0.00	42.17 2.80 0.00	36.86 2.31 0.00	31.37 1.89 0.00	27.78 1.72 0.00	24.51 1.32 0.00	22.27 1.14 0.00
G.F.CEMENT___DRP 24184	23.07 1.10 0.00	21.05 0.91 0.00	20.94 0.86 0.00	20.83 0.90 0.00	21.13 0.93 0.00	24.91 1.10 0.00	34.10 1.65 0.00	37.01 1.63 0.00	30.70 1.35 0.00	26.91 1.16 0.00	24.77 1.07 0.00	24.31 1.05 0.00	24.31 0.98 0.00	25.92 1.04 0.00	26.67 1.17 0.00	28.83 1.35 0.00	33.45 1.53 0.00	46.91 2.66 0.00	41.69 2.32 0.00	36.41 1.87 0.00	31.04 1.56 0.00	27.39 1.33 0.00	24.30 1.11 0.00	22.48 1.35 0.00
GARDENVILLE___LBMP 24039	20.67 -1.30 0.00	18.99 -1.15 0.00	18.84 -1.25 0.00	18.60 -1.34 0.00	18.91 -1.29 0.00	22.38 -1.43 0.00	30.47 -1.98 0.00	33.12 -2.26 0.00	27.82 -1.53 0.00	24.44 -1.31 0.00	22.88 -0.83 0.00	22.31 -0.95 0.00	22.35 -0.98 0.00	24.00 -0.87 0.00	24.45 -1.05 0.00	25.75 -1.73 0.00	29.97 -1.95 0.00	40.00 -4.25 0.01	36.06 -3.31 0.00	31.88 -2.66 0.00	27.12 -2.36 0.00	24.26 -1.80 0.00	21.73 -1.46 0.00	20.14 -0.99 0.00
GARDNVLA_35_KV_LD 355827	20.78 -1.19 0.00	19.09 -1.05 0.00	18.94 -1.14 0.00	18.70 -1.24 0.00	19.01 -1.19 0.00	22.48 -1.33 0.00	30.63 -1.82 0.00	33.30 -2.09 0.00	28.00 -1.35 0.00	24.59 -1.16 0.00	23.04 -0.66 0.00	22.44 -0.81 0.00	22.49 -0.84 0.00	24.18 -0.70 0.00	24.60 -0.89 0.00	25.94 -1.54 0.00	30.17 -1.76 0.00	40.27 -3.98 0.01	36.30 -3.07 0.00	32.09 -2.45 0.00	27.27 -2.21 0.00	24.39 -1.67 0.00	21.87 -1.32 0.00	20.27 -0.87 0.00
GELCKHM___115KV_LOAD 80723	21.51 -0.46 0.00	19.74 -0.40 0.00	19.66 -0.42 0.00	19.50 -0.44 0.00	19.78 -0.42 0.00	23.33 -0.48 0.00	31.70 -0.75 0.00	34.61 -0.78 0.00	28.76 -0.59 0.00	25.23 -0.51 0.00	23.23 -0.47 0.00	22.79 -0.47 0.00	22.84 -0.49 0.00	24.38 -0.50 0.00	25.01 -0.48 0.00	26.91 -0.58 0.00	31.28 -0.64 0.00	43.24 -1.02 0.00	38.54 -0.83 0.00	33.78 -0.76 0.00	28.80 -0.68 0.00	25.49 -0.57 0.00	22.70 -0.49 0.00	20.79 -0.34 0.00
GENERAL___MILLS 23808	20.76 -1.21 0.00	19.05 -1.09 0.00	18.90 -1.18 0.00	18.66 -1.28 0.00	18.99 -1.21 0.00	22.45 -1.36 0.00	30.56 -1.88 0.00	33.26 -2.12 0.00	27.94 -1.41 0.00	24.54 -1.21 0.00	23.00 -0.71 0.00	22.40 -0.86 0.00	22.45 -0.89 0.00	24.10 -0.77 0.00	24.55 -0.94 0.00	25.89 -1.59 0.00	30.10 -1.82 0.00	40.18 -4.07 0.01	36.22 -3.15 0.00	32.02 -2.52 0.00	27.24 -2.24 0.00	24.34 -1.72 0.00	21.82 -1.37 0.00	20.22 -0.91 0.00
GE_PLASTICS___DRP 24183	22.67 0.70 0.00	20.72 0.58 0.00	20.70 0.62 0.00	20.55 0.62 0.00	20.83 0.63 0.00	24.52 0.71 0.00	33.45 1.01 0.00	36.45 1.06 0.00	30.29 0.94 0.00	26.57 0.82 0.00	24.47 0.76 0.00	24.03 0.77 0.00	24.13 0.79 0.00	25.70 0.82 0.00	26.36 0.87 0.00	28.50 1.02 0.00	33.10 1.18 0.00	46.03 1.77 0.00	40.95 1.57 0.00	35.89 1.35 0.00	30.66 1.18 0.00	27.08 1.02 0.00	24.07 0.88 0.00	21.83 0.70 0.00
GILBOA___1 23756	22.52 0.55 0.00	20.60 0.46 0.00	20.62 0.54 0.00	20.49 0.56 0.00	20.75 0.55 0.00	24.38 0.57 0.00	33.22 0.78 0.00	36.23 0.85 0.00	30.14 0.79 0.00	26.47 0.72 0.00	24.37 0.66 0.00	23.93 0.67 0.00	24.03 0.70 0.00	25.60 0.72 0.00	26.23 0.74 0.00	28.36 0.88 0.00	32.94 1.02 0.00	45.67 1.42 0.00	40.63 1.26 0.00	35.68 1.14 0.00	30.48 1.00 0.00	26.95 0.89 0.00	23.95 0.76 0.00	21.75 0.61 0.00
GILBOA___2 23757	22.52 0.55 0.00	20.60 0.46 0.00	20.62 0.54 0.00	20.49 0.56 0.00	20.75 0.55 0.00	24.38 0.57 0.00	33.22 0.78 0.00	36.23 0.85 0.00	30.14 0.79 0.00	26.47 0.72 0.00	24.37 0.66 0.00	23.93 0.67 0.00	24.03 0.70 0.00	25.60 0.72 0.00	26.23 0.74 0.00	28.36 0.88 0.00	32.94 1.02 0.00	45.67 1.42 0.00	40.63 1.26 0.00	35.68 1.14 0.00	30.48 1.00 0.00	26.95 0.89 0.00	23.95 0.76 0.00	21.75 0.61 0.00



GILBOA___3 23758	22.52 0.55 0.00	20.60 0.46 0.00	20.62 0.54 0.00	20.49 0.56 0.00	20.75 0.55 0.00	24.38 0.57 0.00	33.22 0.78 0.00	36.23 0.85 0.00	30.14 0.79 0.00	26.47 0.72 0.00	24.37 0.66 0.00	23.93 0.67 0.00	24.03 0.70 0.00	25.60 0.72 0.00	26.23 0.74 0.00	28.36 0.88 0.00	32.94 1.02 0.00	45.67 1.42 0.00	40.63 1.26 0.00	35.68 1.14 0.00	30.48 1.00 0.00	26.95 0.89 0.00	23.95 0.76 0.00	21.75 0.61 0.00
GILBOA___4 23759	22.52 0.55 0.00	20.60 0.46 0.00	20.62 0.54 0.00	20.49 0.56 0.00	20.75 0.55 0.00	24.38 0.57 0.00	33.22 0.78 0.00	36.23 0.85 0.00	30.14 0.79 0.00	26.47 0.72 0.00	24.37 0.66 0.00	23.93 0.67 0.00	24.03 0.70 0.00	25.60 0.72 0.00	26.23 0.74 0.00	28.36 0.88 0.00	32.94 1.02 0.00	45.67 1.42 0.00	40.63 1.26 0.00	35.68 1.14 0.00	30.48 1.00 0.00	26.95 0.89 0.00	23.95 0.76 0.00	21.75 0.61 0.00
GILBOA___ 23599	22.52 0.55 0.00	20.60 0.46 0.00	20.62 0.54 0.00	20.49 0.56 0.00	20.75 0.55 0.00	24.38 0.57 0.00	33.22 0.78 0.00	36.23 0.85 0.00	30.14 0.79 0.00	26.47 0.72 0.00	24.37 0.66 0.00	23.93 0.67 0.00	24.03 0.70 0.00	25.60 0.72 0.00	26.23 0.74 0.00	28.36 0.88 0.00	32.94 1.02 0.00	45.67 1.42 0.00	40.63 1.26 0.00	35.68 1.14 0.00	30.48 1.00 0.00	26.95 0.89 0.00	23.95 0.77 0.00	21.72 0.59 0.00
GINNA___ 23603	20.13 -1.85 0.00	18.51 -1.63 0.00	18.41 -1.67 0.00	18.14 -1.79 0.00	18.44 -1.76 0.00	21.93 -1.88 0.00	29.75 -2.69 0.00	32.52 -2.86 0.00	27.15 -2.20 0.00	23.77 -1.98 0.00	22.05 -1.66 0.00	21.58 -1.67 0.00	21.63 -1.70 0.00	23.16 -1.72 0.00	23.73 -1.76 0.00	25.15 -2.34 0.00	29.34 -2.58 0.00	40.14 -4.11 0.00	35.75 -3.62 0.00	31.37 -3.18 0.00	26.74 -2.74 0.00	23.72 -2.35 0.00	21.19 -1.99 0.00	19.53 -1.61 0.00
GLEN PARK___ 23778	22.52 0.55 0.00	20.72 0.58 0.00	20.70 0.62 0.00	20.51 0.58 0.00	20.79 0.59 0.00	24.59 0.78 0.00	33.91 1.46 0.00	36.91 1.52 0.00	30.38 1.03 0.00	26.47 0.72 0.00	24.21 0.50 0.00	23.63 0.37 0.00	23.52 0.19 0.00	25.10 0.22 0.00	25.72 0.23 0.00	28.09 0.60 0.00	32.85 0.93 0.00	46.25 1.99 0.00	41.33 2.01 0.04	35.10 1.76 1.20	29.32 1.12 1.28	25.59 0.86 1.33	22.91 0.39 0.67	20.71 0.46 0.89
GLENDALE_27_KV_LOAD 356172	23.38 1.41 0.00	21.29 1.15 0.00	21.19 1.10 0.00	21.05 1.12 0.00	21.29 1.09 0.00	25.17 1.36 0.00	34.26 1.82 0.00	37.40 2.02 0.00	31.34 2.00 0.00	27.63 1.88 0.00	25.41 1.71 0.00	25.10 1.84 0.00	25.27 1.94 0.00	26.74 1.87 0.00	27.41 1.91 0.00	29.79 2.31 0.00	34.41 2.49 0.00	47.89 3.63 0.00	42.48 3.11 0.00	37.27 2.73 0.00	32.05 2.56 0.00	28.25 2.19 0.00	25.20 2.02 0.00	22.63 1.50 0.00
GLENWOOD_IC_1_G5 23712	23.22 1.25 0.00	21.19 1.05 0.00	21.17 1.08 0.00	20.99 1.06 0.00	21.17 0.97 0.00	25.12 1.31 0.00	33.93 1.49 0.00	37.30 1.91 0.00	31.14 1.79 0.00	27.68 1.93 0.00	25.58 1.87 0.00	25.39 1.98 -0.15	25.34 2.01 0.00	28.86 2.06 -1.92	29.93 2.09 -2.35	29.85 2.36 0.00	35.60 2.71 -0.96	56.59 3.89 -8.44	42.80 3.43 0.00	37.48 2.94 0.00	32.08 2.59 0.00	30.58 2.37 -2.15	28.11 2.11 -2.81	23.27 1.65 -0.49
GLENWOOD_IC_2_G1 23688	23.16 1.19 0.00	21.13 0.99 0.00	21.04 0.96 0.00	20.91 0.98 0.00	21.15 0.95 0.00	25.05 1.24 0.00	33.91 1.46 0.00	37.22 1.84 0.00	31.08 1.73 0.00	27.50 1.75 0.00	25.41 1.71 0.00	25.08 1.82 -0.01	25.16 1.82 0.00	26.82 1.87 -0.08	27.51 1.91 -0.10	29.68 2.20 0.00	34.45 2.49 -0.04	48.20 3.58 -0.36	42.52 3.15 0.00	37.27 2.73 0.00	31.87 2.39 0.00	28.32 2.16 -0.09	27.97 1.97 -2.81	23.20 1.59 -0.49
GLENWOOD_IC_3_G1 23689	23.16 1.19 0.00	21.13 0.99 0.00	21.04 0.96 0.00	20.91 0.98 0.00	21.15 0.95 0.00	25.05 1.24 0.00	33.91 1.46 0.00	37.22 1.84 0.00	31.08 1.73 0.00	27.50 1.75 0.00	25.41 1.71 0.00	25.08 1.82 -0.01	25.16 1.82 0.00	26.82 1.87 -0.08	27.51 1.91 -0.10	29.68 2.20 0.00	34.45 2.49 -0.04	48.20 3.58 -0.36	42.52 3.15 0.00	37.27 2.73 0.00	31.87 2.39 0.00	28.32 2.16 -0.09	27.97 1.97 -2.81	23.20 1.59 -0.49
GLENWOOD___4 23550	23.22 1.25 0.00	21.19 1.05 0.00	21.17 1.08 0.00	20.99 1.06 0.00	21.17 0.97 0.00	25.12 1.31 0.00	33.93 1.49 0.00	37.30 1.91 0.00	31.14 1.79 0.00	27.68 1.93 0.00	25.58 1.87 0.00	25.39 1.98 -0.15	25.34 2.01 0.00	28.86 2.06 -1.92	29.93 2.09 -2.35	29.85 2.36 0.00	35.60 2.71 -0.96	56.59 3.89 -8.44	42.80 3.43 0.00	37.48 2.94 0.00	32.08 2.59 0.00	30.58 2.37 -2.15	28.11 2.11 -2.81	23.27 1.65 -0.49
GLENWOOD___5 23614	23.22 1.25 0.00	21.19 1.05 0.00	21.17 1.08 0.00	20.99 1.06 0.00	21.17 0.97 0.00	25.12 1.31 0.00	33.93 1.49 0.00	37.30 1.91 0.00	31.14 1.79 0.00	27.68 1.93 0.00	25.58 1.87 0.00	25.39 1.98 -0.15	25.34 2.01 0.00	28.86 2.06 -1.92	29.93 2.09 -2.35	29.85 2.36 0.00	35.60 2.71 -0.96	56.59 3.89 -8.44	42.80 3.43 0.00	37.48 2.94 0.00	32.08 2.59 0.00	30.58 2.37 -2.15	28.11 2.11 -2.81	23.27 1.65 -0.49
GLOBAL GREEN_PORT_GT1 23814	23.49 1.51 0.00	21.45 1.31 0.00	21.53 1.45 0.00	21.19 1.26 0.00	21.35 1.15 0.00	25.45 1.64 0.00	34.00 1.56 0.01	37.76 2.37 0.00	31.46 2.11 0.00	27.94 2.19 0.00	26.08 2.37 0.00	25.84 2.49 -0.09	25.69 2.36 0.00	28.59 2.59 -1.12	29.74 2.88 -1.37	31.08 3.60 0.00	36.89 4.41 -0.56	55.03 5.84 -4.93	44.29 4.92 0.00	38.55 4.01 0.00	32.75 3.27 0.00	30.37 3.05 -1.26	28.62 2.62 -2.81	23.84 2.22 -0.49
GLOBE___DSASP 323697	20.02 -1.96 0.00	18.41 -1.73 0.00	18.21 -1.87 0.00	18.00 -1.93 0.00	18.28 -1.92 0.00	21.64 -2.17 0.00	29.33 -3.11 0.00	31.74 -3.64 0.00	26.74 -2.61 0.00	23.51 -2.24 0.00	22.05 -1.66 0.00	21.49 -1.77 0.00	21.54 -1.80 0.00	23.11 -1.77 0.00	23.53 -1.96 0.00	24.79 -2.69 0.00	28.83 -3.10 0.00	38.32 -5.93 0.01	34.61 -4.76 0.00	30.64 -3.90 0.00	26.09 -3.39 0.00	23.38 -2.68 0.00	20.98 -2.20 0.00	19.57 -1.56 0.00
GOETHSLN___LBMP 323567	23.22 1.25 0.00	21.17 1.03 0.00	21.07 0.98 0.00	20.93 1.00 0.00	21.19 0.99 0.00	25.07 1.26 0.00	34.17 1.72 0.00	37.30 1.91 0.00	31.17 1.82 0.00	27.47 1.73 0.00	25.29 1.59 0.00	24.96 1.70 0.00	25.11 1.77 0.00	26.62 1.74 0.00	27.25 1.76 0.00	29.54 2.06 0.00	34.22 2.30 0.00	47.67 3.41 0.00	42.28 2.91 0.00	37.10 2.56 0.00	31.84 2.36 0.00	28.12 2.06 0.00	25.04 1.85 0.00	22.48 1.35 0.00
GOLAH___69_KV_TB 1_2 80279	20.96 -1.01 0.00	19.25 -0.89 0.00	19.02 -1.06 0.00	18.86 -1.08 0.00	19.19 -1.01 0.00	22.81 -1.00 0.00	30.86 -1.59 0.00	33.72 -1.66 0.00	28.18 -1.17 0.00	24.69 -1.06 0.00	22.97 -0.73 0.00	22.44 -0.81 0.00	22.45 -0.89 0.00	24.08 -0.80 0.00	24.60 -0.89 0.00	26.03 -1.46 0.00	30.29 -1.63 0.00	41.16 -3.10 0.00	36.81 -2.56 0.00	32.47 -2.07 0.00	27.65 -1.83 0.00	24.60 -1.46 0.00	22.00 -1.18 0.00	20.33 -0.80 0.00



GOODYEAR_LAKE_HYD 323669	22.74 0.77 0.00	20.84 0.70 0.00	20.82 0.74 0.00	20.65 0.72 0.00	20.95 0.75 0.00	24.74 0.93 0.00	33.87 1.43 0.00	36.87 1.49 0.00	30.61 1.26 0.00	26.88 1.13 0.00	24.68 0.97 0.00	24.19 0.93 0.00	24.22 0.89 0.00	25.85 0.97 0.00	26.54 1.05 0.00	28.77 1.29 0.00	33.49 1.56 0.00	46.52 2.26 0.00	41.42 2.05 0.00	36.31 1.76 0.00	30.87 1.39 0.00	27.29 1.22 0.00	24.14 0.95 0.00	21.94 0.80 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	21.84 -0.13 0.00	20.04 -0.10 0.00	19.96 -0.12 0.00	19.77 -0.16 0.00	20.06 -0.14 0.00	23.69 -0.12 0.00	32.32 -0.13 0.00	35.28 -0.11 0.00	29.35 0.00 0.00	25.75 0.00 0.00	23.75 0.05 0.00	23.28 0.02 0.00	23.33 0.00 0.00	24.90 0.02 0.00	25.49 0.00 0.00	27.37 -0.11 0.00	31.89 -0.03 0.00	43.86 -0.40 0.00	39.21 -0.16 0.00	34.44 -0.10 0.00	29.36 -0.12 0.00	26.01 -0.05 0.00	23.14 -0.05 0.00	21.11 -0.02 0.00
GOUDEY___7 23579	21.84 -0.13 0.00	20.04 -0.10 0.00	19.96 -0.12 0.00	19.77 -0.16 0.00	20.06 -0.14 0.00	23.69 -0.12 0.00	32.32 -0.13 0.00	35.28 -0.11 0.00	29.35 0.00 0.00	25.75 0.00 0.00	23.75 0.05 0.00	23.28 0.02 0.00	23.33 0.00 0.00	24.90 0.02 0.00	25.49 0.00 0.00	27.37 -0.11 0.00	31.89 -0.03 0.00	43.86 -0.40 0.00	39.21 -0.16 0.00	34.44 -0.10 0.00	29.36 -0.12 0.00	26.01 -0.05 0.00	23.14 -0.05 0.00	21.11 -0.02 0.00
GOUDEY___8 23580	21.84 -0.13 0.00	20.04 -0.10 0.00	19.96 -0.12 0.00	19.77 -0.16 0.00	20.06 -0.14 0.00	23.69 -0.12 0.00	32.32 -0.13 0.00	35.28 -0.11 0.00	29.35 0.00 0.00	25.75 0.00 0.00	23.75 0.05 0.00	23.28 0.02 0.00	23.33 0.00 0.00	24.90 0.02 0.00	25.49 0.00 0.00	27.37 -0.11 0.00	31.89 -0.03 0.00	43.86 -0.40 0.00	39.21 -0.16 0.00	34.44 -0.10 0.00	29.36 -0.12 0.00	26.01 -0.05 0.00	23.14 -0.05 0.00	21.11 -0.02 0.00
GOWANUS_GT1_1 24077	23.38 1.41 0.00	21.25 1.11 0.00	21.15 1.06 0.00	21.01 1.08 0.00	21.25 1.05 0.00	25.10 1.29 0.00	34.10 1.65 0.00	37.22 1.84 0.00	31.23 1.88 0.00	27.52 1.78 0.00	25.29 1.59 0.00	25.00 1.74 0.00	25.18 1.84 0.00	26.67 1.79 0.00	27.33 1.84 0.00	29.71 2.23 0.00	34.28 2.36 0.00	47.76 3.50 0.00	42.32 2.95 0.00	37.17 2.63 0.00	32.02 2.54 0.00	28.20 2.14 0.00	25.18 1.99 0.00	22.59 1.46 0.00
GOWANUS_GT1_2 24078	23.38 1.41 0.00	21.25 1.11 0.00	21.15 1.06 0.00	21.01 1.08 0.00	21.25 1.05 0.00	25.10 1.29 0.00	34.10 1.65 0.00	37.22 1.84 0.00	31.23 1.88 0.00	27.52 1.78 0.00	25.29 1.59 0.00	25.00 1.74 0.00	25.18 1.84 0.00	26.67 1.79 0.00	27.33 1.84 0.00	29.71 2.23 0.00	34.28 2.36 0.00	47.76 3.50 0.00	42.32 2.95 0.00	37.17 2.63 0.00	32.02 2.54 0.00	28.20 2.14 0.00	25.18 1.99 0.00	22.59 1.46 0.00
GOWANUS_GT1_3 24079	23.38 1.41 0.00	21.25 1.11 0.00	21.15 1.06 0.00	21.01 1.08 0.00	21.25 1.05 0.00	25.10 1.29 0.00	34.10 1.65 0.00	37.22 1.84 0.00	31.23 1.88 0.00	27.52 1.78 0.00	25.29 1.59 0.00	25.00 1.74 0.00	25.18 1.84 0.00	26.67 1.79 0.00	27.33 1.84 0.00	29.71 2.23 0.00	34.28 2.36 0.00	47.76 3.50 0.00	42.32 2.95 0.00	37.17 2.63 0.00	32.02 2.54 0.00	28.20 2.14 0.00	25.18 1.99 0.00	22.59 1.46 0.00
GOWANUS_GT1_4 24080	23.38 1.41 0.00	21.25 1.11 0.00	21.15 1.06 0.00	21.01 1.08 0.00	21.25 1.05 0.00	25.10 1.29 0.00	34.10 1.65 0.00	37.22 1.84 0.00	31.23 1.88 0.00	27.52 1.78 0.00	25.29 1.59 0.00	25.00 1.74 0.00	25.18 1.84 0.00	26.67 1.79 0.00	27.33 1.84 0.00	29.71 2.23 0.00	34.28 2.36 0.00	47.76 3.50 0.00	42.32 2.95 0.00	37.17 2.63 0.00	32.02 2.54 0.00	28.20 2.14 0.00	25.18 1.99 0.00	22.59 1.46 0.00
GOWANUS_GT1_5 24084	23.38 1.41 0.00	21.25 1.11 0.00	21.15 1.06 0.00	21.01 1.08 0.00	21.25 1.05 0.00	25.10 1.29 0.00	34.10 1.65 0.00	37.22 1.84 0.00	31.23 1.88 0.00	27.52 1.78 0.00	25.29 1.59 0.00	25.00 1.74 0.00	25.18 1.84 0.00	26.67 1.79 0.00	27.33 1.84 0.00	29.71 2.23 0.00	34.28 2.36 0.00	47.76 3.50 0.00	42.32 2.95 0.00	37.17 2.63 0.00	32.02 2.54 0.00	28.20 2.14 0.00	25.18 1.99 0.00	22.59 1.46 0.00
GOWANUS_GT1_6 24111	23.38 1.41 0.00	21.25 1.11 0.00	21.15 1.06 0.00	21.01 1.08 0.00	21.25 1.05 0.00	25.10 1.29 0.00	34.10 1.65 0.00	37.22 1.84 0.00	31.23 1.88 0.00	27.52 1.78 0.00	25.29 1.59 0.00	25.00 1.74 0.00	25.18 1.84 0.00	26.67 1.79 0.00	27.33 1.84 0.00	29.71 2.23 0.00	34.28 2.36 0.00	47.76 3.50 0.00	42.32 2.95 0.00	37.17 2.63 0.00	32.02 2.54 0.00	28.20 2.14 0.00	25.18 1.99 0.00	22.59 1.46 0.00
GOWANUS_GT1_7 24112	23.38 1.41 0.00	21.25 1.11 0.00	21.15 1.06 0.00	21.01 1.08 0.00	21.25 1.05 0.00	25.10 1.29 0.00	34.10 1.65 0.00	37.22 1.84 0.00	31.23 1.88 0.00	27.52 1.78 0.00	25.29 1.59 0.00	25.00 1.74 0.00	25.18 1.84 0.00	26.67 1.79 0.00	27.33 1.84 0.00	29.71 2.23 0.00	34.28 2.36 0.00	47.76 3.50 0.00	42.32 2.95 0.00	37.17 2.63 0.00	32.02 2.54 0.00	28.20 2.14 0.00	25.18 1.99 0.00	22.59 1.46 0.00
GOWANUS_GT1_8 24113	23.38 1.41 0.00	21.25 1.11 0.00	21.15 1.06 0.00	21.01 1.08 0.00	21.25 1.05 0.00	25.10 1.29 0.00	34.10 1.65 0.00	37.22 1.84 0.00	31.23 1.88 0.00	27.52 1.78 0.00	25.29 1.59 0.00	25.00 1.74 0.00	25.18 1.84 0.00	26.67 1.79 0.00	27.33 1.84 0.00	29.71 2.23 0.00	34.28 2.36 0.00	47.76 3.50 0.00	42.32 2.95 0.00	37.17 2.63 0.00	32.02 2.54 0.00	28.20 2.14 0.00	25.18 1.99 0.00	22.59 1.46 0.00
GOWANUS_GT2_1 24114	23.38 1.41 0.00	21.25 1.11 0.00	21.10 1.02 0.00	21.01 1.08 0.00	21.25 1.05 0.00	25.09 1.28 0.00	34.04 1.59 0.00	37.22 1.84 0.00	31.23 1.88 0.00	27.52 1.78 0.00	25.30 1.59 0.00	25.00 1.75 0.00	25.16 1.82 0.00	26.67 1.79 0.00	27.33 1.84 0.00	29.74 2.25 0.00	34.28 2.36 0.00	47.75 3.50 0.00	42.33 2.95 0.00	37.17 2.62 0.00	32.02 2.54 0.00	28.17 2.11 0.00	25.20 2.02 0.00	22.67 1.54 0.00
GOWANUS_GT2_2 24115	23.38 1.41 0.00	21.25 1.11 0.00	21.10 1.02 0.00	21.01 1.08 0.00	21.25 1.05 0.00	25.09 1.28 0.00	34.04 1.59 0.00	37.22 1.84 0.00	31.23 1.88 0.00	27.52 1.78 0.00	25.30 1.59 0.00	25.00 1.75 0.00	25.16 1.82 0.00	26.67 1.79 0.00	27.33 1.84 0.00	29.74 2.25 0.00	34.28 2.36 0.00	47.75 3.50 0.00	42.33 2.95 0.00	37.17 2.62 0.00	32.02 2.54 0.00	28.17 2.11 0.00	25.20 2.02 0.00	22.67 1.54 0.00
GOWANUS_GT2_3 24116	23.38 1.41 0.00	21.25 1.11 0.00	21.10 1.02 0.00	21.01 1.08 0.00	21.25 1.05 0.00	25.09 1.28 0.00	34.04 1.59 0.00	37.22 1.84 0.00	31.23 1.88 0.00	27.52 1.78 0.00	25.30 1.59 0.00	25.00 1.75 0.00	25.16 1.82 0.00	26.67 1.79 0.00	27.33 1.84 0.00	29.74 2.25 0.00	34.28 2.36 0.00	47.75 3.50 0.00	42.33 2.95 0.00	37.17 2.62 0.00	32.02 2.54 0.00	28.17 2.11 0.00	25.20 2.02 0.00	22.67 1.54 0.00



GOWANUS_GT2_4 24117	23.38 1.41 0.00	21.25 1.11 0.00	21.10 1.02 0.00	21.01 1.08 0.00	21.25 1.05 0.00	25.09 1.28 0.00	34.04 1.59 0.00	37.22 1.84 0.00	31.23 1.88 0.00	27.52 1.78 0.00	25.30 1.59 0.00	25.00 1.75 0.00	25.16 1.82 0.00	26.67 1.79 0.00	27.33 1.84 0.00	29.74 2.25 0.00	34.28 2.36 0.00	47.75 3.50 0.00	42.33 2.95 0.00	37.17 2.62 0.00	32.02 2.54 0.00	28.17 2.11 0.00	25.20 2.02 0.00	22.67 1.54 0.00
GOWANUS_GT2_5 24118	23.38 1.41 0.00	21.25 1.11 0.00	21.10 1.02 0.00	21.01 1.08 0.00	21.25 1.05 0.00	25.09 1.28 0.00	34.04 1.59 0.00	37.22 1.84 0.00	31.23 1.88 0.00	27.52 1.78 0.00	25.30 1.59 0.00	25.00 1.75 0.00	25.16 1.82 0.00	26.67 1.79 0.00	27.33 1.84 0.00	29.74 2.25 0.00	34.28 2.36 0.00	47.75 3.50 0.00	42.33 2.95 0.00	37.17 2.62 0.00	32.02 2.54 0.00	28.17 2.11 0.00	25.20 2.02 0.00	22.67 1.54 0.00
GOWANUS_GT2_6 24119	23.38 1.41 0.00	21.25 1.11 0.00	21.10 1.02 0.00	21.01 1.08 0.00	21.25 1.05 0.00	25.09 1.28 0.00	34.04 1.59 0.00	37.22 1.84 0.00	31.23 1.88 0.00	27.52 1.78 0.00	25.30 1.59 0.00	25.00 1.75 0.00	25.16 1.82 0.00	26.67 1.79 0.00	27.33 1.84 0.00	29.74 2.25 0.00	34.28 2.36 0.00	47.75 3.50 0.00	42.33 2.95 0.00	37.17 2.62 0.00	32.02 2.54 0.00	28.17 2.11 0.00	25.20 2.02 0.00	22.67 1.54 0.00
GOWANUS_GT2_7 24120	23.38 1.41 0.00	21.25 1.11 0.00	21.10 1.02 0.00	21.01 1.08 0.00	21.25 1.05 0.00	25.09 1.28 0.00	34.04 1.59 0.00	37.22 1.84 0.00	31.23 1.88 0.00	27.52 1.78 0.00	25.30 1.59 0.00	25.00 1.75 0.00	25.16 1.82 0.00	26.67 1.79 0.00	27.33 1.84 0.00	29.74 2.25 0.00	34.28 2.36 0.00	47.75 3.50 0.00	42.33 2.95 0.00	37.17 2.62 0.00	32.02 2.54 0.00	28.17 2.11 0.00	25.20 2.02 0.00	22.67 1.54 0.00
GOWANUS_GT2_8 24121	23.38 1.41 0.00	21.25 1.11 0.00	21.10 1.02 0.00	21.01 1.08 0.00	21.25 1.05 0.00	25.09 1.28 0.00	34.04 1.59 0.00	37.22 1.84 0.00	31.23 1.88 0.00	27.52 1.78 0.00	25.30 1.59 0.00	25.00 1.75 0.00	25.16 1.82 0.00	26.67 1.79 0.00	27.33 1.84 0.00	29.74 2.25 0.00	34.28 2.36 0.00	47.75 3.50 0.00	42.33 2.95 0.00	37.17 2.62 0.00	32.02 2.54 0.00	28.17 2.11 0.00	25.20 2.02 0.00	22.67 1.54 0.00
GOWANUS_GT3_1 24122	23.38 1.41 0.00	21.25 1.11 0.00	21.10 1.02 0.00	21.01 1.08 0.00	21.25 1.05 0.00	25.09 1.28 0.00	34.04 1.59 0.00	37.22 1.84 0.00	31.23 1.88 0.00	27.52 1.78 0.00	25.30 1.59 0.00	25.00 1.75 0.00	25.16 1.82 0.00	26.67 1.79 0.00	27.33 1.84 0.00	29.74 2.25 0.00	34.28 2.36 0.00	47.75 3.50 0.00	42.33 2.95 0.00	37.17 2.62 0.00	32.02 2.54 0.00	28.17 2.11 0.00	25.20 2.02 0.00	22.67 1.54 0.00
GOWANUS_GT3_2 24123	23.38 1.41 0.00	21.25 1.11 0.00	21.10 1.02 0.00	21.01 1.08 0.00	21.25 1.05 0.00	25.09 1.28 0.00	34.04 1.59 0.00	37.22 1.84 0.00	31.23 1.88 0.00	27.52 1.78 0.00	25.30 1.59 0.00	25.00 1.75 0.00	25.16 1.82 0.00	26.67 1.79 0.00	27.33 1.84 0.00	29.74 2.25 0.00	34.28 2.36 0.00	47.75 3.50 0.00	42.33 2.95 0.00	37.17 2.62 0.00	32.02 2.54 0.00	28.17 2.11 0.00	25.20 2.02 0.00	22.67 1.54 0.00
GOWANUS_GT3_3 24124	23.38 1.41 0.00	21.25 1.11 0.00	21.10 1.02 0.00	21.01 1.08 0.00	21.25 1.05 0.00	25.09 1.28 0.00	34.04 1.59 0.00	37.22 1.84 0.00	31.23 1.88 0.00	27.52 1.78 0.00	25.30 1.59 0.00	25.00 1.75 0.00	25.16 1.82 0.00	26.67 1.79 0.00	27.33 1.84 0.00	29.74 2.25 0.00	34.28 2.36 0.00	47.75 3.50 0.00	42.33 2.95 0.00	37.17 2.62 0.00	32.02 2.54 0.00	28.17 2.11 0.00	25.20 2.02 0.00	22.67 1.54 0.00
GOWANUS_GT3_4 24125	23.38 1.41 0.00	21.25 1.11 0.00	21.10 1.02 0.00	21.01 1.08 0.00	21.25 1.05 0.00	25.09 1.28 0.00	34.04 1.59 0.00	37.22 1.84 0.00	31.23 1.88 0.00	27.52 1.78 0.00	25.30 1.59 0.00	25.00 1.75 0.00	25.16 1.82 0.00	26.67 1.79 0.00	27.33 1.84 0.00	29.74 2.25 0.00	34.28 2.36 0.00	47.75 3.50 0.00	42.33 2.95 0.00	37.17 2.62 0.00	32.02 2.54 0.00	28.17 2.11 0.00	25.20 2.02 0.00	22.67 1.54 0.00
GOWANUS_GT3_5 24126	23.38 1.41 0.00	21.25 1.11 0.00	21.10 1.02 0.00	21.01 1.08 0.00	21.25 1.05 0.00	25.09 1.28 0.00	34.04 1.59 0.00	37.22 1.84 0.00	31.23 1.88 0.00	27.52 1.78 0.00	25.30 1.59 0.00	25.00 1.75 0.00	25.16 1.82 0.00	26.67 1.79 0.00	27.33 1.84 0.00	29.74 2.25 0.00	34.28 2.36 0.00	47.75 3.50 0.00	42.33 2.95 0.00	37.17 2.62 0.00	32.02 2.54 0.00	28.17 2.11 0.00	25.20 2.02 0.00	22.67 1.54 0.00
GOWANUS_GT3_6 24127	23.38 1.41 0.00	21.25 1.11 0.00	21.10 1.02 0.00	21.01 1.08 0.00	21.25 1.05 0.00	25.09 1.28 0.00	34.04 1.59 0.00	37.22 1.84 0.00	31.23 1.88 0.00	27.52 1.78 0.00	25.30 1.59 0.00	25.00 1.75 0.00	25.16 1.82 0.00	26.67 1.79 0.00	27.33 1.84 0.00	29.74 2.25 0.00	34.28 2.36 0.00	47.75 3.50 0.00	42.33 2.95 0.00	37.17 2.62 0.00	32.02 2.54 0.00	28.17 2.11 0.00	25.20 2.02 0.00	22.67 1.54 0.00
GOWANUS_GT3_7 24128	23.38 1.41 0.00	21.25 1.11 0.00	21.10 1.02 0.00	21.01 1.08 0.00	21.25 1.05 0.00	25.09 1.28 0.00	34.04 1.59 0.00	37.22 1.84 0.00	31.23 1.88 0.00	27.52 1.78 0.00	25.30 1.59 0.00	25.00 1.75 0.00	25.16 1.82 0.00	26.67 1.79 0.00	27.33 1.84 0.00	29.74 2.25 0.00	34.28 2.36 0.00	47.75 3.50 0.00	42.33 2.95 0.00	37.17 2.62 0.00	32.02 2.54 0.00	28.17 2.11 0.00	25.20 2.02 0.00	22.67 1.54 0.00
GOWANUS_GT3_8 24129	23.38 1.41 0.00	21.25 1.11 0.00	21.10 1.02 0.00	21.01 1.08 0.00	21.25 1.05 0.00	25.09 1.28 0.00	34.04 1.59 0.00	37.22 1.84 0.00	31.23 1.88 0.00	27.52 1.78 0.00	25.30 1.59 0.00	25.00 1.75 0.00	25.16 1.82 0.00	26.67 1.79 0.00	27.33 1.84 0.00	29.74 2.25 0.00	34.28 2.36 0.00	47.75 3.50 0.00	42.33 2.95 0.00	37.17 2.62 0.00	32.02 2.54 0.00	28.17 2.11 0.00	25.20 2.02 0.00	22.67 1.54 0.00
GOWANUS_GT4_1 24130	23.38 1.41 0.00	21.25 1.11 0.00	21.15 1.06 0.00	21.01 1.08 0.00	21.25 1.05 0.00	25.10 1.29 0.00	34.10 1.65 0.00	37.22 1.84 0.00	31.23 1.88 0.00	27.52 1.78 0.00	25.29 1.59 0.00	25.00 1.74 0.00	25.18 1.84 0.00	26.67 1.79 0.00	27.33 1.84 0.00	29.71 2.23 0.00	34.28 2.36 0.00	47.76 3.50 0.00	42.32 2.95 0.00	37.17 2.63 0.00	32.02 2.54 0.00	28.20 2.14 0.00	25.18 1.99 0.00	22.59 1.46 0.00
GOWANUS_GT4_2 24131	23.38 1.41 0.00	21.25 1.11 0.00	21.15 1.06 0.00	21.01 1.08 0.00	21.25 1.05 0.00	25.10 1.29 0.00	34.10 1.65 0.00	37.22 1.84 0.00	31.23 1.88 0.00	27.52 1.78 0.00	25.29 1.59 0.00	25.00 1.74 0.00	25.18 1.84 0.00	26.67 1.79 0.00	27.33 1.84 0.00	29.71 2.23 0.00	34.28 2.36 0.00	47.76 3.50 0.00	42.32 2.95 0.00	37.17 2.63 0.00	32.02 2.54 0.00	28.20 2.14 0.00	25.18 1.99 0.00	22.59 1.46 0.00



GOWANUS_GT4_3 24132	23.38 1.41 0.00	21.25 1.11 0.00	21.15 1.06 0.00	21.01 1.08 0.00	21.25 1.05 0.00	25.10 1.29 0.00	34.10 1.65 0.00	37.22 1.84 0.00	31.23 1.88 0.00	27.52 1.78 0.00	25.29 1.59 0.00	25.00 1.74 0.00	25.18 1.84 0.00	26.67 1.79 0.00	27.33 1.84 0.00	29.71 2.23 0.00	34.28 2.36 0.00	47.76 3.50 0.00	42.32 2.95 0.00	37.17 2.63 0.00	32.02 2.54 0.00	28.20 2.14 0.00	25.18 1.99 0.00	22.59 1.46 0.00
GOWANUS_GT4_4 24133	23.38 1.41 0.00	21.25 1.11 0.00	21.15 1.06 0.00	21.01 1.08 0.00	21.25 1.05 0.00	25.10 1.29 0.00	34.10 1.65 0.00	37.22 1.84 0.00	31.23 1.88 0.00	27.52 1.78 0.00	25.29 1.59 0.00	25.00 1.74 0.00	25.18 1.84 0.00	26.67 1.79 0.00	27.33 1.84 0.00	29.71 2.23 0.00	34.28 2.36 0.00	47.76 3.50 0.00	42.32 2.95 0.00	37.17 2.63 0.00	32.02 2.54 0.00	28.20 2.14 0.00	25.18 1.99 0.00	22.59 1.46 0.00
GOWANUS_GT4_5 24134	23.38 1.41 0.00	21.25 1.11 0.00	21.15 1.06 0.00	21.01 1.08 0.00	21.25 1.05 0.00	25.10 1.29 0.00	34.10 1.65 0.00	37.22 1.84 0.00	31.23 1.88 0.00	27.52 1.78 0.00	25.29 1.59 0.00	25.00 1.74 0.00	25.18 1.84 0.00	26.67 1.79 0.00	27.33 1.84 0.00	29.71 2.23 0.00	34.28 2.36 0.00	47.76 3.50 0.00	42.32 2.95 0.00	37.17 2.63 0.00	32.02 2.54 0.00	28.20 2.14 0.00	25.18 1.99 0.00	22.59 1.46 0.00
GOWANUS_GT4_6 24135	23.38 1.41 0.00	21.25 1.11 0.00	21.15 1.06 0.00	21.01 1.08 0.00	21.25 1.05 0.00	25.10 1.29 0.00	34.10 1.65 0.00	37.22 1.84 0.00	31.23 1.88 0.00	27.52 1.78 0.00	25.29 1.59 0.00	25.00 1.74 0.00	25.18 1.84 0.00	26.67 1.79 0.00	27.33 1.84 0.00	29.71 2.23 0.00	34.28 2.36 0.00	47.76 3.50 0.00	42.32 2.95 0.00	37.17 2.63 0.00	32.02 2.54 0.00	28.20 2.14 0.00	25.18 1.99 0.00	22.59 1.46 0.00
GOWANUS_GT4_7 24136	23.38 1.41 0.00	21.25 1.11 0.00	21.15 1.06 0.00	21.01 1.08 0.00	21.25 1.05 0.00	25.10 1.29 0.00	34.10 1.65 0.00	37.22 1.84 0.00	31.23 1.88 0.00	27.52 1.78 0.00	25.29 1.59 0.00	25.00 1.74 0.00	25.18 1.84 0.00	26.67 1.79 0.00	27.33 1.84 0.00	29.71 2.23 0.00	34.28 2.36 0.00	47.76 3.50 0.00	42.32 2.95 0.00	37.17 2.63 0.00	32.02 2.54 0.00	28.20 2.14 0.00	25.18 1.99 0.00	22.59 1.46 0.00
GOWANUS_GT4_8 24137	23.38 1.41 0.00	21.25 1.11 0.00	21.15 1.06 0.00	21.01 1.08 0.00	21.25 1.05 0.00	25.10 1.29 0.00	34.10 1.65 0.00	37.22 1.84 0.00	31.23 1.88 0.00	27.52 1.78 0.00	25.29 1.59 0.00	25.00 1.74 0.00	25.18 1.84 0.00	26.67 1.79 0.00	27.33 1.84 0.00	29.71 2.23 0.00	34.28 2.36 0.00	47.76 3.50 0.00	42.32 2.95 0.00	37.17 2.63 0.00	32.02 2.54 0.00	28.20 2.14 0.00	25.18 1.99 0.00	22.59 1.46 0.00
GREENBSH_115KV_TB3 55895	22.76 0.79 0.00	20.80 0.66 0.00	20.76 0.68 0.00	20.63 0.70 0.00	20.91 0.71 0.00	24.62 0.81 0.00	33.58 1.14 0.00	36.59 1.20 0.00	30.41 1.06 0.00	26.70 0.95 0.00	24.58 0.88 0.00	24.12 0.86 0.00	24.22 0.89 0.00	25.80 0.92 0.00	26.49 0.99 0.00	28.64 1.15 0.00	33.23 1.31 0.00	46.25 1.99 0.00	41.14 1.77 0.00	36.06 1.52 0.00	30.81 1.33 0.00	27.21 1.15 0.00	24.16 0.97 0.00	21.91 0.78 0.00
GREENDGE_115KV_TB5 80291	21.44 -0.53 0.00	19.68 -0.46 0.00	19.52 -0.56 0.00	19.34 -0.60 0.00	19.66 -0.55 0.00	23.31 -0.50 0.00	31.80 -0.65 0.00	34.57 -0.81 0.00	28.94 -0.41 0.00	25.31 -0.44 0.00	23.42 -0.28 0.00	22.89 -0.37 0.00	22.91 -0.42 0.00	24.50 -0.37 0.00	25.09 -0.41 0.00	26.77 -0.71 0.00	31.22 -0.70 0.00	42.35 -1.90 0.00	37.95 -1.42 0.00	33.30 -1.24 0.00	28.60 -0.88 0.00	25.33 -0.73 0.00	22.58 -0.60 0.00	20.65 -0.49 0.00
GREENIDGE___3 23582	21.44 -0.53 0.00	19.68 -0.46 0.00	19.52 -0.56 0.00	19.34 -0.60 0.00	19.66 -0.55 0.00	23.31 -0.50 0.00	31.80 -0.65 0.00	34.57 -0.81 0.00	28.94 -0.41 0.00	25.31 -0.44 0.00	23.42 -0.28 0.00	22.89 -0.37 0.00	22.91 -0.42 0.00	24.50 -0.37 0.00	25.09 -0.41 0.00	26.77 -0.71 0.00	31.22 -0.70 0.00	42.35 -1.90 0.00	37.95 -1.42 0.00	33.30 -1.24 0.00	28.60 -0.88 0.00	25.33 -0.73 0.00	22.58 -0.60 0.00	20.65 -0.49 0.00
GREENIDGE___4 23583	21.44 -0.53 0.00	19.70 -0.44 0.00	19.58 -0.50 0.00	19.34 -0.60 0.00	19.66 -0.54 0.00	23.31 -0.50 0.00	31.86 -0.58 0.00	34.57 -0.81 0.00	28.94 -0.41 0.00	25.34 -0.41 0.00	23.42 -0.28 0.00	22.89 -0.37 0.00	22.94 -0.40 0.00	24.50 -0.37 0.00	25.08 -0.41 0.00	26.77 -0.71 0.00	31.22 -0.70 0.00	42.36 -1.90 0.00	37.96 -1.42 0.00	33.30 -1.24 0.00	28.60 -0.88 0.00	25.36 -0.70 0.00	22.58 -0.60 0.00	20.69 -0.44 0.00
GREENLWN_69_KV_BK 3 55738	23.09 1.12 0.00	21.09 0.95 0.00	21.11 1.02 0.00	20.91 0.98 0.00	21.01 0.81 0.00	24.98 1.17 0.00	33.15 0.71 0.01	36.76 1.38 0.00	30.64 1.29 0.00	27.73 1.98 0.00	25.70 1.99 0.00	25.49 2.14 -0.09	25.46 2.12 0.00	28.26 2.24 -1.14	29.08 2.19 -1.40	29.79 2.31 0.00	35.17 2.68 -0.57	52.99 3.72 -5.02	42.64 3.27 0.00	37.34 2.80 0.00	31.99 2.51 0.00	29.79 2.45 -1.28	28.29 2.30 -2.81	23.46 1.84 -0.49
GREENWD_138_KV_38B11_REV_LBMP_J 345004	23.38 1.41 0.00	21.25 1.11 0.00	21.15 1.06 0.00	21.01 1.08 0.00	21.25 1.05 0.00	25.10 1.29 0.00	34.10 1.65 0.00	37.22 1.84 0.00	31.23 1.88 0.00	27.52 1.78 0.00	25.29 1.59 0.00	25.00 1.74 0.00	25.18 1.84 0.00	26.67 1.79 0.00	27.33 1.84 0.00	29.71 2.23 0.00	34.28 2.36 0.00	47.76 3.50 0.00	42.32 2.95 0.00	37.17 2.63 0.00	32.02 2.54 0.00	28.20 2.14 0.00	25.18 1.99 0.00	22.59 1.46 0.00
GRISSOM___SOLAR 323813	23.22 1.25 0.00	21.19 1.05 0.00	21.10 1.02 0.00	20.99 1.06 0.00	21.29 1.09 0.00	25.14 1.33 0.00	34.49 2.05 0.00	37.40 2.02 0.00	30.93 1.58 0.00	27.04 1.29 0.00	24.77 1.07 0.00	24.19 0.93 0.00	24.24 0.91 0.00	25.97 1.09 0.00	26.74 1.25 0.00	29.13 1.65 0.00	33.80 1.88 0.00	47.31 3.05 0.00	42.09 2.71 0.00	36.79 2.24 0.00	31.31 1.83 0.00	27.73 1.67 0.00	24.48 1.30 0.00	22.25 1.12 0.00
GROVEVILLE___HYD 323602	23.18 1.21 0.00	21.15 1.01 0.00	21.13 1.04 0.00	20.99 1.06 0.00	21.27 1.07 0.00	25.12 1.31 0.00	34.26 1.82 0.00	37.33 1.95 0.00	31.11 1.76 0.00	27.27 1.52 0.00	25.11 1.40 0.00	24.61 1.35 0.00	24.80 1.47 0.00	26.32 1.44 0.00	27.05 1.56 0.00	29.30 1.81 0.00	34.06 2.14 0.00	47.53 3.28 0.00	42.21 2.83 0.00	37.00 2.45 0.00	31.66 2.18 0.00	27.97 1.90 0.00	24.86 1.67 0.00	22.36 1.23 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	21.64 -0.33 0.00	19.86 -0.28 0.00	19.76 -0.32 0.00	19.60 -0.34 0.00	19.88 -0.32 0.00	23.48 -0.33 0.00	31.89 -0.55 0.00	34.85 -0.53 0.00	28.97 -0.38 0.00	25.39 -0.36 0.00	23.37 -0.33 0.00	22.91 -0.35 0.00	22.96 -0.37 0.00	24.50 -0.37 0.00	25.14 -0.36 0.00	27.07 -0.41 0.00	31.47 -0.45 0.00	43.51 -0.75 0.00	38.78 -0.59 0.00	33.99 -0.55 0.00	28.98 -0.50 0.00	25.65 -0.42 0.00	22.84 -0.35 0.00	20.90 -0.23 0.00



HAMLTNNY_34_KV_TB 80303	21.60 -0.37 0.00	19.82 -0.32 0.00	19.72 -0.36 0.00	19.56 -0.38 0.00	19.86 -0.34 0.00	23.45 -0.36 0.00	31.86 -0.58 0.00	34.82 -0.57 0.00	28.97 -0.38 0.00	25.39 -0.36 0.00	23.37 -0.33 0.00	22.91 -0.35 0.00	22.96 -0.37 0.00	24.53 -0.35 0.00	25.16 -0.33 0.00	27.04 -0.44 0.00	31.44 -0.48 0.00	43.46 -0.80 0.00	38.74 -0.63 0.00	33.96 -0.59 0.00	28.95 -0.53 0.00	25.62 -0.44 0.00	22.82 -0.37 0.00	20.88 -0.25 0.00
HAMPSHIRE___PAPER_HYD 323593	22.83 0.86 0.00	21.03 0.89 0.00	21.01 0.92 0.00	20.83 0.90 0.00	21.11 0.91 0.00	24.95 1.14 0.00	34.55 2.11 0.00	37.62 2.23 0.00	30.76 1.41 0.00	26.75 1.00 0.00	24.42 0.71 0.00	23.89 0.63 0.00	23.75 0.42 0.00	25.40 0.52 0.00	25.98 0.48 0.00	28.25 0.77 0.00	33.04 1.12 0.00	46.51 2.26 0.00	41.40 2.16 0.13	32.83 1.93 3.65	26.81 1.21 3.88	22.98 0.96 4.04	21.59 0.44 2.03	18.94 0.51 2.70
HARDSCRABBLE_WT_PWR 323673	22.13 0.15 0.00	20.22 0.08 0.00	20.16 0.08 0.00	19.99 0.06 0.00	20.24 0.04 0.00	23.91 0.10 0.00	32.64 0.20 0.00	35.53 0.14 0.00	29.53 0.18 0.00	26.01 0.26 0.00	23.94 0.24 0.00	23.52 0.26 0.00	23.54 0.21 0.00	25.10 0.22 0.00	25.70 0.20 0.00	27.70 0.22 0.00	32.05 0.13 0.00	44.53 0.27 0.00	39.64 0.24 -0.03	35.57 0.28 -0.75	30.49 0.21 -0.80	27.19 0.29 -0.84	23.84 0.23 -0.42	21.96 0.27 -0.56
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	23.09 1.12 0.00	21.07 0.93 0.00	21.02 0.94 0.00	20.89 0.96 0.00	21.15 0.95 0.00	24.95 1.14 0.00	34.04 1.59 0.00	37.08 1.70 0.00	30.90 1.56 0.00	27.14 1.39 0.00	24.99 1.28 0.00	24.51 1.26 0.00	24.69 1.35 0.00	26.19 1.32 0.00	26.90 1.40 0.00	29.10 1.62 0.00	33.84 1.92 0.00	47.18 2.92 0.00	41.93 2.56 0.00	36.79 2.25 0.00	31.49 2.00 0.00	27.78 1.72 0.00	24.72 1.53 0.00	22.25 1.12 0.00
HARSNRAD_115KV_TB1 81005	20.35 -1.63 0.00	18.71 -1.43 0.00	18.51 -1.57 0.00	18.30 -1.63 0.00	18.61 -1.60 0.00	22.02 -1.79 0.00	29.88 -2.56 0.00	32.45 -2.94 0.00	27.29 -2.05 0.00	24.00 -1.75 0.00	22.47 -1.23 0.00	21.91 -1.35 0.00	21.93 -1.40 0.00	23.58 -1.29 0.00	24.01 -1.48 0.00	25.26 -2.23 0.00	29.40 -2.52 0.00	39.16 -5.09 0.00	35.32 -4.06 0.00	31.23 -3.32 0.00	26.59 -2.89 0.00	23.80 -2.27 0.00	21.36 -1.83 0.00	19.86 -1.27 0.00
HARZA MOOSE___RIVER 24016	22.61 0.64 0.00	20.76 0.62 0.00	20.74 0.66 0.00	20.57 0.64 0.00	20.85 0.65 0.00	24.52 0.71 0.00	33.65 1.20 0.00	36.62 1.24 0.00	30.26 0.91 0.00	26.47 0.72 0.00	24.25 0.55 0.00	23.77 0.51 0.00	23.71 0.37 0.00	25.32 0.45 0.00	25.95 0.46 0.00	28.20 0.71 0.00	32.88 0.96 0.00	46.03 1.77 0.00	41.01 1.65 0.02	35.43 1.42 0.53	29.86 0.94 0.56	26.26 0.78 0.58	23.33 0.44 0.29	21.21 0.46 0.39
HDSNBRDG_115KV_BRDG_TB1 355580	21.51 -0.46 0.00	19.74 -0.40 0.00	19.66 -0.42 0.00	19.50 -0.44 0.00	19.78 -0.42 0.00	23.33 -0.48 0.00	31.70 -0.75 0.00	34.64 -0.74 0.00	28.79 -0.56 0.00	25.23 -0.51 0.00	23.26 -0.45 0.00	22.79 -0.47 0.00	22.84 -0.49 0.00	24.40 -0.47 0.00	25.01 -0.48 0.00	26.91 -0.58 0.00	31.28 -0.64 0.00	43.24 -1.02 0.00	38.54 -0.83 0.00	33.78 -0.76 0.00	28.83 -0.65 0.00	25.49 -0.57 0.00	22.70 -0.49 0.00	20.79 -0.34 0.00
HELLGATE_13_KV_LD 55870	23.33 1.36 0.00	21.23 1.09 0.00	21.15 1.06 0.00	21.01 1.08 0.00	21.25 1.05 0.00	25.10 1.29 0.00	34.17 1.72 0.00	37.26 1.88 0.00	31.23 1.88 0.00	27.52 1.78 0.00	25.32 1.61 0.00	25.00 1.74 0.00	25.18 1.84 0.00	26.64 1.77 0.00	27.30 1.81 0.00	29.65 2.17 0.00	34.25 2.33 0.00	47.62 3.36 0.00	42.25 2.87 0.00	37.10 2.56 0.00	31.93 2.45 0.00	28.15 2.09 0.00	25.13 1.95 0.00	22.57 1.44 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	23.33 1.36 0.00	21.23 1.09 0.00	21.15 1.06 0.00	21.01 1.08 0.00	21.25 1.05 0.00	25.10 1.29 0.00	34.17 1.72 0.00	37.26 1.88 0.00	31.23 1.88 0.00	27.52 1.78 0.00	25.32 1.61 0.00	25.00 1.74 0.00	25.18 1.84 0.00	26.64 1.77 0.00	27.30 1.81 0.00	29.65 2.17 0.00	34.25 2.33 0.00	47.62 3.36 0.00	42.25 2.87 0.00	37.10 2.56 0.00	31.93 2.45 0.00	28.15 2.09 0.00	25.13 1.95 0.00	22.57 1.44 0.00
HEMPSTEAD____ 23647	23.09 1.12 0.00	21.05 0.91 0.00	21.01 0.92 0.00	20.81 0.88 0.00	21.03 0.83 0.00	24.95 1.14 0.00	33.54 1.10 0.01	37.08 1.70 0.00	30.93 1.58 0.00	27.58 1.83 0.00	25.58 1.87 0.00	25.39 2.00 -0.13	25.32 1.98 0.00	28.62 2.09 -1.66	29.63 2.11 -2.03	29.85 2.36 0.00	35.46 2.71 -0.83	55.39 3.85 -7.28	42.76 3.39 0.00	37.45 2.90 0.00	31.99 2.50 0.00	30.31 2.40 -1.86	28.18 2.18 -2.81	23.39 1.78 -0.49
HEWLETT_69_KV_BK3 55828	23.25 1.27 0.00	21.23 1.09 0.00	21.23 1.14 0.00	21.03 1.10 0.00	21.15 0.95 0.00	25.14 1.33 0.00	33.74 1.30 0.01	37.30 1.91 0.00	31.17 1.82 0.00	27.89 2.14 0.00	25.82 2.11 0.00	25.66 2.26 -0.14	25.57 2.24 0.00	28.98 2.31 -1.80	30.06 2.37 -2.19	30.12 2.64 0.00	35.82 3.00 -0.90	56.39 4.25 -7.88	43.15 3.78 0.00	37.82 3.28 0.00	32.37 2.89 0.00	30.76 2.68 -2.01	28.41 2.41 -2.81	23.52 1.90 -0.49
HICKLING___1 23621	21.44 -0.53 0.00	19.70 -0.44 0.00	19.56 -0.52 0.00	19.34 -0.60 0.00	19.68 -0.53 0.00	23.29 -0.52 0.00	31.80 -0.65 0.00	34.75 -0.64 0.00	28.97 -0.38 0.00	25.39 -0.36 0.00	23.49 -0.21 0.00	22.98 -0.28 0.00	23.03 -0.30 0.00	24.60 -0.27 0.00	25.14 -0.36 0.00	26.82 -0.66 0.00	31.28 -0.64 0.00	42.53 -1.73 0.00	38.23 -1.14 0.00	33.61 -0.93 0.00	28.66 -0.83 0.00	25.44 -0.63 0.00	22.68 -0.51 0.00	20.71 -0.42 0.00
HICKLING___2 23622	21.44 -0.53 0.00	19.70 -0.44 0.00	19.56 -0.52 0.00	19.34 -0.60 0.00	19.68 -0.53 0.00	23.29 -0.52 0.00	31.80 -0.65 0.00	34.75 -0.64 0.00	28.97 -0.38 0.00	25.39 -0.36 0.00	23.49 -0.21 0.00	22.98 -0.28 0.00	23.03 -0.30 0.00	24.60 -0.27 0.00	25.14 -0.36 0.00	26.82 -0.66 0.00	31.28 -0.64 0.00	42.53 -1.73 0.00	38.23 -1.14 0.00	33.61 -0.93 0.00	28.66 -0.83 0.00	25.44 -0.63 0.00	22.68 -0.51 0.00	20.71 -0.42 0.00
HIGH FALLS___HY 23754	23.03 1.05 0.00	21.01 0.87 0.00	21.00 0.92 0.00	20.87 0.94 0.00	21.15 0.95 0.00	24.98 1.17 0.00	34.04 1.59 0.00	37.08 1.70 0.00	30.88 1.53 0.00	27.09 1.34 0.00	24.92 1.21 0.00	24.40 1.14 0.00	24.59 1.26 0.00	26.09 1.22 0.00	26.79 1.30 0.00	29.02 1.54 0.00	33.77 1.85 0.00	47.14 2.88 0.00	41.93 2.56 0.00	36.79 2.25 0.00	31.46 1.98 0.00	27.76 1.69 0.00	24.72 1.53 0.00	22.21 1.08 0.00
HIGH_RIVER___SOLAR 323847	22.87 0.90 0.00	20.91 0.77 0.00	20.82 0.74 0.00	20.71 0.78 0.00	21.01 0.81 0.00	24.76 0.95 0.00	33.87 1.43 0.00	36.80 1.42 0.00	30.46 1.11 0.00	26.67 0.93 0.00	24.44 0.74 0.00	23.93 0.67 0.00	23.99 0.65 0.00	25.69 0.82 0.00	26.36 0.87 0.00	28.66 1.18 0.00	33.32 1.40 0.00	46.51 2.26 0.00	41.38 2.01 0.00	36.24 1.69 0.00	30.87 1.39 0.00	27.31 1.25 0.00	24.18 1.00 0.00	22.00 0.87 0.00



HILLBURN___GT 23639	23.09 1.12 0.00	21.07 0.93 0.00	20.99 0.90 0.00	20.89 0.96 0.00	21.15 0.95 0.00	24.95 1.14 0.00	34.00 1.56 0.00	37.12 1.73 0.00	30.93 1.58 0.00	27.22 1.47 0.00	25.06 1.35 0.00	24.65 1.40 0.00	24.78 1.45 0.00	26.32 1.44 0.00	26.97 1.48 0.00	29.21 1.73 0.00	33.93 2.01 0.00	47.22 2.97 0.00	42.01 2.64 0.00	36.86 2.31 0.00	31.54 2.06 0.00	27.86 1.80 0.00	24.79 1.60 0.00	22.38 1.25 0.00
HILLSIDE_115KV_TB1 80332	21.31 -0.66 0.00	19.60 -0.54 0.00	19.46 -0.62 0.00	19.26 -0.68 0.00	19.58 -0.63 0.00	23.14 -0.67 0.00	31.60 -0.84 0.00	34.46 -0.92 0.00	28.76 -0.59 0.00	25.21 -0.54 0.00	23.33 -0.38 0.00	22.82 -0.44 0.00	22.89 -0.44 0.00	24.43 -0.45 0.00	24.96 -0.54 0.00	26.66 -0.82 0.00	31.06 -0.86 0.00	42.31 -1.95 0.00	38.03 -1.34 0.00	33.47 -1.07 0.00	28.57 -0.91 0.00	25.33 -0.73 0.00	22.58 -0.60 0.00	20.63 -0.51 0.00
HISHELDN_WT_PWR 323625	20.59 -1.38 0.00	18.91 -1.23 0.00	18.82 -1.26 0.00	18.50 -1.44 0.00	18.79 -1.41 0.00	22.24 -1.57 0.00	30.37 -2.08 0.00	32.91 -2.48 0.00	27.62 -1.73 0.00	24.28 -1.47 0.00	22.69 -1.02 0.00	22.14 -1.12 0.00	22.26 -1.07 0.00	23.81 -1.07 0.00	24.27 -1.22 0.00	25.61 -1.87 0.00	29.81 -2.11 0.00	39.87 -4.38 0.00	35.91 -3.46 0.00	31.71 -2.83 0.00	27.01 -2.48 0.00	24.11 -1.96 0.00	21.56 -1.62 0.00	19.99 -1.14 0.00
HOLTSVILLE_IC_1 23690	23.05 1.08 0.00	21.05 0.91 0.00	21.04 0.96 0.00	20.79 0.86 0.00	20.99 0.79 0.00	24.95 1.14 0.00	33.19 0.75 0.01	36.87 1.49 0.00	30.76 1.41 0.00	27.50 1.75 0.00	25.60 1.90 0.00	25.40 2.05 -0.09	25.29 1.96 0.00	28.11 2.11 -1.12	29.11 2.24 -1.37	30.12 2.64 0.00	35.61 3.13 -0.56	53.39 4.21 -4.92	43.07 3.70 0.00	37.69 3.14 0.00	32.16 2.68 0.00	29.95 2.63 -1.25	28.50 2.50 -2.81	23.69 2.07 -0.49
HOLTSVILLE_IC_10 23699	23.11 1.14 0.00	21.11 0.97 0.00	21.12 1.04 0.00	20.85 0.92 0.00	21.05 0.85 0.00	25.02 1.21 0.00	33.31 0.88 0.01	37.01 1.63 0.00	30.87 1.53 0.00	27.58 1.83 0.00	25.70 1.99 0.00	25.49 2.14 -0.09	25.39 2.05 0.00	28.22 2.21 -1.13	29.22 2.34 -1.38	30.29 2.80 0.00	35.87 3.38 -0.56	53.73 4.52 -4.95	43.35 3.97 0.00	37.89 3.35 0.00	32.34 2.86 0.00	30.12 2.79 -1.26	28.62 2.62 -2.81	23.79 2.18 -0.49
HOLTSVILLE_IC_2 23691	23.05 1.08 0.00	21.05 0.91 0.00	21.04 0.96 0.00	20.79 0.86 0.00	20.99 0.79 0.00	24.95 1.14 0.00	33.19 0.75 0.01	36.87 1.49 0.00	30.76 1.41 0.00	27.50 1.75 0.00	25.60 1.90 0.00	25.40 2.05 -0.09	25.29 1.96 0.00	28.11 2.11 -1.12	29.11 2.24 -1.37	30.12 2.64 0.00	35.61 3.13 -0.56	53.39 4.21 -4.92	43.07 3.70 0.00	37.69 3.14 0.00	32.16 2.68 0.00	29.95 2.63 -1.25	28.50 2.50 -2.81	23.69 2.07 -0.49
HOLTSVILLE_IC_3 23692	23.05 1.08 0.00	21.05 0.91 0.00	21.04 0.96 0.00	20.79 0.86 0.00	20.99 0.79 0.00	24.95 1.14 0.00	33.19 0.75 0.01	36.87 1.49 0.00	30.76 1.41 0.00	27.50 1.75 0.00	25.60 1.90 0.00	25.40 2.05 -0.09	25.29 1.96 0.00	28.11 2.11 -1.12	29.11 2.24 -1.37	30.12 2.64 0.00	35.61 3.13 -0.56	53.39 4.21 -4.92	43.07 3.70 0.00	37.69 3.14 0.00	32.16 2.68 0.00	29.95 2.63 -1.25	28.50 2.50 -2.81	23.69 2.07 -0.49
HOLTSVILLE_IC_4 23693	23.05 1.08 0.00	21.05 0.91 0.00	21.04 0.96 0.00	20.79 0.86 0.00	20.99 0.79 0.00	24.95 1.14 0.00	33.19 0.75 0.01	36.87 1.49 0.00	30.76 1.41 0.00	27.50 1.75 0.00	25.60 1.90 0.00	25.40 2.05 -0.09	25.29 1.96 0.00	28.11 2.11 -1.12	29.11 2.24 -1.37	30.12 2.64 0.00	35.61 3.13 -0.56	53.39 4.21 -4.92	43.07 3.70 0.00	37.69 3.14 0.00	32.16 2.68 0.00	29.95 2.63 -1.25	28.50 2.50 -2.81	23.69 2.07 -0.49
HOLTSVILLE_IC_5 23694	23.05 1.08 0.00	21.05 0.91 0.00	21.04 0.96 0.00	20.79 0.86 0.00	20.99 0.79 0.00	24.95 1.14 0.00	33.19 0.75 0.01	36.87 1.49 0.00	30.76 1.41 0.00	27.50 1.75 0.00	25.60 1.90 0.00	25.40 2.05 -0.09	25.29 1.96 0.00	28.11 2.11 -1.12	29.11 2.24 -1.37	30.12 2.64 0.00	35.61 3.13 -0.56	53.39 4.21 -4.92	43.07 3.70 0.00	37.69 3.14 0.00	32.16 2.68 0.00	29.95 2.63 -1.25	28.50 2.50 -2.81	23.69 2.07 -0.49
HOLTSVILLE_IC_6 23695	23.11 1.14 0.00	21.11 0.97 0.00	21.12 1.04 0.00	20.85 0.92 0.00	21.05 0.85 0.00	25.02 1.21 0.00	33.31 0.88 0.01	37.01 1.63 0.00	30.87 1.53 0.00	27.58 1.83 0.00	25.70 1.99 0.00	25.49 2.14 -0.09	25.39 2.05 0.00	28.22 2.21 -1.13	29.22 2.34 -1.38	30.29 2.80 0.00	35.87 3.38 -0.56	53.73 4.52 -4.95	43.35 3.97 0.00	37.89 3.35 0.00	32.34 2.86 0.00	30.12 2.79 -1.26	28.62 2.62 -2.81	23.79 2.18 -0.49
HOLTSVILLE_IC_7 23696	23.11 1.14 0.00	21.11 0.97 0.00	21.12 1.04 0.00	20.85 0.92 0.00	21.05 0.85 0.00	25.02 1.21 0.00	33.31 0.88 0.01	37.01 1.63 0.00	30.87 1.53 0.00	27.58 1.83 0.00	25.70 1.99 0.00	25.49 2.14 -0.09	25.39 2.05 0.00	28.22 2.21 -1.13	29.22 2.34 -1.38	30.29 2.80 0.00	35.87 3.38 -0.56	53.73 4.52 -4.95	43.35 3.97 0.00	37.89 3.35 0.00	32.34 2.86 0.00	30.12 2.79 -1.26	28.62 2.62 -2.81	23.79 2.18 -0.49
HOLTSVILLE_IC_8 23697	23.11 1.14 0.00	21.11 0.97 0.00	21.12 1.04 0.00	20.85 0.92 0.00	21.05 0.85 0.00	25.02 1.21 0.00	33.31 0.88 0.01	37.01 1.63 0.00	30.87 1.53 0.00	27.58 1.83 0.00	25.70 1.99 0.00	25.49 2.14 -0.09	25.39 2.05 0.00	28.22 2.21 -1.13	29.22 2.34 -1.38	30.29 2.80 0.00	35.87 3.38 -0.56	53.73 4.52 -4.95	43.35 3.97 0.00	37.89 3.35 0.00	32.34 2.86 0.00	30.12 2.79 -1.26	28.62 2.62 -2.81	23.79 2.18 -0.49
HOLTSVILLE_IC_9 23698	23.11 1.14 0.00	21.11 0.97 0.00	21.12 1.04 0.00	20.85 0.92 0.00	21.05 0.85 0.00	25.02 1.21 0.00	33.31 0.88 0.01	37.01 1.63 0.00	30.87 1.53 0.00	27.58 1.83 0.00	25.70 1.99 0.00	25.49 2.14 -0.09	25.39 2.05 0.00	28.22 2.21 -1.13	29.22 2.34 -1.38	30.29 2.80 0.00	35.87 3.38 -0.56	53.73 4.52 -4.95	43.35 3.97 0.00	37.89 3.35 0.00	32.34 2.86 0.00	30.12 2.79 -1.26	28.62 2.62 -2.81	23.79 2.18 -0.49
HOMER_HL_115KV_TB2 355744	21.18 -0.79 0.00	19.48 -0.66 0.00	19.34 -0.74 0.00	19.10 -0.84 0.00	19.45 -0.75 0.00	23.00 -0.81 0.00	31.54 -0.91 0.00	34.39 -0.99 0.00	28.82 -0.53 0.00	25.26 -0.49 0.00	23.56 -0.14 0.00	22.96 -0.30 0.00	23.03 -0.30 0.00	24.63 -0.25 0.00	25.06 -0.43 0.00	26.52 -0.96 0.00	30.93 -0.99 0.00	41.60 -2.66 0.00	37.60 -1.77 0.00	33.23 -1.31 0.00	28.27 -1.21 0.00	25.18 -0.89 0.00	22.51 -0.67 0.00	20.65 -0.49 0.00
HOWARD_WT_PWR 323690	21.05 -0.92 0.00	19.31 -0.83 0.00	19.22 -0.86 0.00	18.90 -1.04 0.00	19.23 -0.97 0.00	22.74 -1.07 0.00	31.15 -1.30 0.00	33.97 -1.42 0.00	28.32 -1.03 0.00	24.82 -0.93 0.00	23.09 -0.62 0.00	22.51 -0.75 0.00	22.66 -0.68 0.00	24.20 -0.67 0.00	24.68 -0.82 0.00	26.19 -1.29 0.00	30.45 -1.47 0.00	40.98 -3.27 0.00	36.77 -2.60 0.00	32.30 -2.24 0.00	27.59 -1.89 0.00	24.55 -1.51 0.00	21.91 -1.28 0.00	20.10 -1.04 0.00



HQ_GEN_CEDARS 23644	23.09 1.12 0.00	21.31 1.17 0.00	21.27 1.18 0.00	21.13 1.20 0.00	21.39 1.19 0.00	25.41 1.60 0.00	35.30 2.86 0.00	38.46 3.08 0.00	31.32 1.97 0.00	27.16 1.42 0.00	24.75 1.04 0.00	24.17 0.91 0.00	24.03 0.70 0.00	25.72 0.85 0.00	26.26 0.76 0.00	28.50 1.02 0.00	33.39 1.47 0.00	47.09 2.83 0.00	41.85 2.68 0.20	31.31 2.38 5.61	25.04 1.53 5.97	21.07 1.22 6.22	20.69 0.63 3.13	17.64 0.66 4.15
HQ_GEN_CEDARS_PROXY 323590	23.09 1.12 0.00	21.31 1.17 0.00	21.29 1.20 0.00	21.13 1.20 0.00	21.39 1.19 0.00	25.41 1.60 0.00	35.30 2.86 0.00	38.46 3.08 0.00	31.32 1.97 0.00	27.16 1.42 0.00	24.75 1.04 0.00	24.17 0.91 0.00	24.06 0.72 0.00	25.72 0.85 0.00	26.26 0.76 0.00	28.50 1.02 0.00	33.39 1.47 0.00	45.55 2.84 1.54	43.39 2.68 -1.34	31.31 2.38 5.61	25.04 1.53 5.97	21.07 1.23 6.22	20.66 0.60 3.13	17.64 0.66 4.15
HQ_GEN_IMPORT 323601	21.88 -0.09 0.00	20.08 -0.06 0.00	20.02 -0.06 0.00	19.87 -0.06 0.00	20.14 -0.06 0.00	23.74 -0.07 0.00	32.45 0.00 0.00	35.38 0.00 0.00	29.23 -0.12 0.00	25.62 -0.13 0.00	23.57 -0.14 0.00	23.10 -0.16 0.00	23.17 -0.16 0.00	24.73 -0.15 0.00	25.32 -0.18 0.00	27.23 -0.25 0.00	31.63 -0.29 0.00	42.28 -0.44 1.54	40.33 -0.43 -1.39	30.04 -0.35 4.15	24.77 -0.29 4.42	21.17 -0.29 4.60	20.62 -0.25 2.31	17.83 -0.23 3.07
HQ_GEN_WHEEL 23651	21.88 -0.09 0.00	20.08 -0.06 0.00	20.02 -0.06 0.00	19.87 -0.06 0.00	20.14 -0.06 0.00	23.74 -0.07 0.00	32.45 0.00 0.00	35.38 0.00 0.00	29.23 -0.12 0.00	25.62 -0.13 0.00	23.57 -0.14 0.00	23.10 -0.16 0.00	23.17 -0.16 0.00	24.73 -0.15 0.00	25.32 -0.18 0.00	27.23 -0.25 0.00	31.63 -0.29 0.00	42.28 -0.44 1.54	40.33 -0.43 -1.39	30.04 -0.35 4.15	24.77 -0.29 4.42	21.17 -0.29 4.60	20.62 -0.25 2.31	17.83 -0.23 3.07
HUDSON AVE_GT_3 23810	23.31 1.34 0.00	21.25 1.11 0.00	21.15 1.06 0.00	21.01 1.08 0.00	21.25 1.05 0.00	25.14 1.33 0.00	34.26 1.82 0.00	37.40 2.02 0.00	31.29 1.94 0.00	27.58 1.83 0.00	25.39 1.68 0.00	25.05 1.79 0.00	25.20 1.87 0.00	26.69 1.82 0.00	27.35 1.86 0.00	29.68 2.20 0.00	34.35 2.43 0.00	47.84 3.58 0.00	42.48 3.11 0.00	37.24 2.69 0.00	31.93 2.45 0.00	28.20 2.14 0.00	25.11 1.92 0.00	22.57 1.44 0.00
HUDSON AVE_GT_4 23540	23.31 1.34 0.00	21.25 1.11 0.00	21.15 1.06 0.00	21.01 1.08 0.00	21.25 1.05 0.00	25.14 1.33 0.00	34.26 1.82 0.00	37.40 2.02 0.00	31.29 1.94 0.00	27.58 1.83 0.00	25.39 1.68 0.00	25.05 1.79 0.00	25.20 1.87 0.00	26.69 1.82 0.00	27.35 1.86 0.00	29.68 2.20 0.00	34.35 2.43 0.00	47.84 3.58 0.00	42.48 3.11 0.00	37.24 2.69 0.00	31.93 2.45 0.00	28.20 2.14 0.00	25.11 1.92 0.00	22.57 1.44 0.00
HUDSON AVE_GT_5 23657	23.31 1.34 0.00	21.25 1.11 0.00	21.15 1.06 0.00	21.01 1.08 0.00	21.25 1.05 0.00	25.14 1.33 0.00	34.26 1.82 0.00	37.40 2.02 0.00	31.29 1.94 0.00	27.58 1.83 0.00	25.39 1.68 0.00	25.05 1.79 0.00	25.20 1.87 0.00	26.69 1.82 0.00	27.35 1.86 0.00	29.68 2.20 0.00	34.35 2.43 0.00	47.84 3.58 0.00	42.48 3.11 0.00	37.24 2.69 0.00	31.93 2.45 0.00	28.20 2.14 0.00	25.11 1.92 0.00	22.57 1.44 0.00
HUDSON_AVE_10 24168	23.22 1.25 0.00	21.17 1.03 0.00	21.09 1.00 0.00	20.93 1.00 0.00	21.19 0.99 0.00	25.07 1.26 0.00	34.17 1.72 0.00	37.33 1.95 0.00	31.23 1.88 0.00	27.52 1.78 0.00	25.34 1.64 0.00	25.00 1.74 0.00	25.15 1.82 0.00	26.64 1.77 0.00	27.30 1.81 0.00	29.63 2.14 0.00	34.28 2.36 0.00	47.76 3.50 0.00	42.36 2.99 0.00	37.17 2.63 0.00	31.87 2.39 0.00	28.15 2.09 0.00	25.07 1.88 0.00	22.51 1.37 0.00
HUDSON___115KV_TB 4 355613	23.05 1.08 0.00	21.03 0.89 0.00	20.98 0.90 0.00	20.87 0.94 0.00	21.17 0.97 0.00	24.95 1.14 0.00	34.10 1.65 0.00	37.01 1.63 0.00	30.70 1.35 0.00	26.83 1.08 0.00	24.68 0.97 0.00	24.12 0.86 0.00	24.24 0.91 0.00	25.85 0.97 0.00	26.59 1.10 0.00	28.77 1.29 0.00	33.49 1.56 0.00	46.87 2.61 0.00	41.69 2.32 0.00	36.48 1.93 0.00	31.13 1.65 0.00	27.47 1.41 0.00	24.37 1.18 0.00	22.10 0.97 0.00
HUNTER MOUNT___DRP 323613	23.11 1.14 0.00	21.07 0.93 0.00	21.04 0.96 0.00	20.93 1.00 0.00	21.25 1.05 0.00	25.07 1.26 0.00	34.26 1.82 0.00	37.12 1.73 0.00	30.76 1.41 0.00	26.80 1.06 0.00	24.63 0.92 0.00	24.03 0.77 0.00	24.15 0.82 0.00	25.75 0.87 0.00	26.54 1.05 0.00	28.75 1.26 0.00	33.49 1.56 0.00	46.96 2.70 0.00	41.77 2.40 0.00	36.55 2.00 0.00	31.16 1.68 0.00	27.47 1.41 0.00	24.37 1.18 0.00	22.13 0.99 0.00
HUNTINGTON_RES_REC 323705	23.09 1.12 0.00	21.09 0.95 0.00	21.06 0.98 0.00	20.81 0.88 0.00	21.01 0.81 0.00	24.98 1.17 0.00	33.15 0.71 0.01	36.84 1.45 0.00	30.70 1.35 0.00	27.60 1.85 0.00	25.67 1.97 0.00	25.49 2.14 -0.09	25.41 2.08 0.00	28.22 2.21 -1.13	29.12 2.24 -1.38	30.01 2.53 0.00	35.46 2.97 -0.56	53.29 4.07 -4.96	42.95 3.58 0.00	37.62 3.07 0.00	32.08 2.59 0.00	29.88 2.56 -1.26	28.43 2.43 -2.81	23.65 2.03 -0.49
HUNTLEY___63 23557	20.57 -1.41 0.00	18.87 -1.27 0.00	18.72 -1.37 0.00	18.50 -1.44 0.00	18.81 -1.39 0.00	22.24 -1.57 0.00	30.24 -2.21 0.00	32.84 -2.55 0.00	27.65 -1.70 0.00	24.28 -1.47 0.00	22.78 -0.92 0.00	22.19 -1.07 0.00	22.24 -1.10 0.00	23.90 -0.97 0.00	24.32 -1.17 0.00	25.59 -1.90 0.00	29.78 -2.14 0.00	39.65 -4.60 0.01	35.75 -3.62 0.00	31.61 -2.94 0.00	26.86 -2.62 0.00	24.06 -2.01 0.00	21.59 -1.60 0.00	20.08 -1.06 0.00
HUNTLEY___64 23558	20.57 -1.41 0.00	18.87 -1.27 0.00	18.72 -1.37 0.00	18.50 -1.44 0.00	18.81 -1.39 0.00	22.24 -1.57 0.00	30.24 -2.21 0.00	32.84 -2.55 0.00	27.65 -1.70 0.00	24.28 -1.47 0.00	22.78 -0.92 0.00	22.19 -1.07 0.00	22.24 -1.10 0.00	23.90 -0.97 0.00	24.32 -1.17 0.00	25.59 -1.90 0.00	29.78 -2.14 0.00	39.65 -4.60 0.01	35.75 -3.62 0.00	31.61 -2.94 0.00	26.86 -2.62 0.00	24.06 -2.01 0.00	21.59 -1.60 0.00	20.08 -1.06 0.00
HUNTLEY___65 23559	20.57 -1.41 0.00	18.87 -1.27 0.00	18.72 -1.37 0.00	18.50 -1.44 0.00	18.81 -1.39 0.00	22.24 -1.57 0.00	30.24 -2.21 0.00	32.84 -2.55 0.00	27.65 -1.70 0.00	24.28 -1.47 0.00	22.78 -0.92 0.00	22.19 -1.07 0.00	22.24 -1.10 0.00	23.90 -0.97 0.00	24.32 -1.17 0.00	25.59 -1.90 0.00	29.78 -2.14 0.00	39.65 -4.60 0.01	35.75 -3.62 0.00	31.61 -2.94 0.00	26.86 -2.62 0.00	24.06 -2.01 0.00	21.59 -1.60 0.00	20.08 -1.06 0.00
HUNTLEY___66 23560	20.57 -1.41 0.00	18.87 -1.27 0.00	18.72 -1.37 0.00	18.50 -1.44 0.00	18.81 -1.39 0.00	22.24 -1.57 0.00	30.24 -2.21 0.00	32.84 -2.55 0.00	27.65 -1.70 0.00	24.28 -1.47 0.00	22.78 -0.92 0.00	22.19 -1.07 0.00	22.24 -1.10 0.00	23.90 -0.97 0.00	24.32 -1.17 0.00	25.59 -1.90 0.00	29.78 -2.14 0.00	39.65 -4.60 0.01	35.75 -3.62 0.00	31.61 -2.94 0.00	26.86 -2.62 0.00	24.06 -2.01 0.00	21.59 -1.60 0.00	20.08 -1.06 0.00



HUNTLEY___67 23561	20.46 -1.52 0.00	18.79 -1.35 0.00	18.62 -1.47 0.00	18.40 -1.53 0.00	18.69 -1.52 0.00	22.12 -1.69 0.00	30.05 -2.40 0.00	32.62 -2.76 0.00	27.44 -1.91 0.00	24.10 -1.65 0.00	22.59 -1.11 0.00	22.03 -1.23 0.00	22.05 -1.28 0.00	23.68 -1.19 0.00	24.12 -1.38 0.00	25.42 -2.06 0.00	29.59 -2.33 0.00	39.43 -4.82 0.01	35.55 -3.82 0.00	31.47 -3.07 0.00	26.77 -2.71 0.00	23.95 -2.11 0.00	21.47 -1.72 0.00	19.97 -1.16 0.00
HUNTLEY___68 23562	20.46 -1.52 0.00	18.79 -1.35 0.00	18.62 -1.47 0.00	18.40 -1.53 0.00	18.69 -1.52 0.00	22.12 -1.69 0.00	30.05 -2.40 0.00	32.62 -2.76 0.00	27.44 -1.91 0.00	24.10 -1.65 0.00	22.59 -1.11 0.00	22.03 -1.23 0.00	22.05 -1.28 0.00	23.68 -1.19 0.00	24.12 -1.38 0.00	25.42 -2.06 0.00	29.59 -2.33 0.00	39.43 -4.82 0.01	35.55 -3.82 0.00	31.47 -3.07 0.00	26.77 -2.71 0.00	23.95 -2.11 0.00	21.47 -1.72 0.00	19.97 -1.16 0.00
HYLAND___LFGE 323620	21.66 -0.31 0.00	19.92 -0.22 0.00	19.78 -0.30 0.00	19.44 -0.50 0.00	19.80 -0.40 0.00	23.64 -0.17 0.00	32.28 -0.16 0.00	35.53 0.14 0.00	29.41 0.06 0.00	25.41 -0.34 0.00	23.37 -0.33 0.00	22.75 -0.51 0.00	22.59 -0.75 0.00	24.30 -0.57 0.00	24.98 -0.51 0.00	26.55 -0.93 0.00	31.28 -0.64 0.00	42.97 -1.28 0.00	38.58 -0.79 0.00	33.89 -0.66 0.00	28.86 -0.62 0.00	25.59 -0.47 0.00	22.89 -0.30 0.00	20.99 -0.15 0.00
INDECK___CORINTH 23802	22.78 0.81 0.00	20.78 0.64 0.00	20.68 0.60 0.00	20.57 0.64 0.00	20.87 0.67 0.00	24.59 0.78 0.00	33.65 1.20 0.00	36.52 1.13 0.00	30.29 0.94 0.00	26.57 0.82 0.00	24.49 0.78 0.00	24.00 0.74 0.00	23.99 0.65 0.00	25.57 0.70 0.00	26.28 0.79 0.00	28.44 0.96 0.00	32.97 1.05 0.00	46.30 2.04 0.00	41.10 1.73 0.00	35.93 1.38 0.00	30.60 1.12 0.00	27.00 0.94 0.00	24.00 0.81 0.00	21.81 0.68 0.00
INDECK___ILION 23567	22.19 0.22 0.00	20.32 0.18 0.00	20.26 0.18 0.00	20.11 0.18 0.00	20.38 0.18 0.00	24.02 0.21 0.00	32.77 0.32 0.00	35.70 0.32 0.00	29.64 0.29 0.00	26.03 0.28 0.00	23.97 0.26 0.00	23.54 0.28 0.00	23.59 0.26 0.00	25.15 0.27 0.00	25.77 0.28 0.00	27.81 0.33 0.00	32.27 0.35 0.00	44.79 0.53 0.00	39.87 0.47 -0.03	35.75 0.45 -0.75	30.64 0.35 -0.80	27.24 0.34 -0.84	23.89 0.28 -0.42	21.96 0.27 -0.56
INDECK___OLEAN 23982	21.18 -0.79 0.00	19.49 -0.65 0.00	19.38 -0.70 0.00	19.10 -0.84 0.00	19.45 -0.75 0.00	23.00 -0.81 0.00	31.60 -0.84 0.00	34.39 -0.99 0.00	28.82 -0.53 0.00	25.29 -0.46 0.00	23.57 -0.14 0.00	22.96 -0.30 0.00	23.10 -0.23 0.00	24.63 -0.25 0.00	25.06 -0.43 0.00	26.49 -0.99 0.00	30.93 -0.99 0.00	41.60 -2.65 0.00	37.60 -1.77 0.00	33.23 -1.31 0.00	28.30 -1.18 0.00	25.20 -0.86 0.00	22.51 -0.67 0.00	20.77 -0.36 0.00
INDECK___OSWEGO 23783	21.36 -0.62 0.00	19.62 -0.52 0.00	19.56 -0.52 0.00	19.38 -0.56 0.00	19.66 -0.54 0.00	23.17 -0.64 0.00	31.47 -0.97 0.00	34.32 -1.06 0.00	28.50 -0.85 0.00	24.98 -0.77 0.00	23.02 -0.69 0.00	22.56 -0.70 0.00	22.61 -0.72 0.00	24.13 -0.75 0.00	24.73 -0.76 0.00	26.66 -0.82 0.00	30.97 -0.96 0.00	42.89 -1.37 0.00	38.23 -1.14 0.00	33.54 -1.00 0.00	28.60 -0.88 0.00	25.28 -0.78 0.00	22.49 -0.70 0.00	20.60 -0.53 0.00
INDECK___YERKES 23781	20.59 -1.38 0.00	18.91 -1.23 0.00	18.88 -1.20 0.00	18.52 -1.41 0.00	18.83 -1.37 0.00	22.26 -1.55 0.00	30.40 -2.04 0.00	32.87 -2.51 0.00	27.68 -1.67 0.00	24.33 -1.42 0.00	22.81 -0.90 0.00	22.21 -1.05 0.00	22.36 -0.98 0.00	23.93 -0.95 0.00	24.35 -1.15 0.00	25.59 -1.90 0.00	29.81 -2.11 0.00	39.70 -4.56 0.01	35.75 -3.62 0.00	31.61 -2.94 0.00	26.95 -2.54 0.00	24.13 -1.93 0.00	21.61 -1.58 0.00	20.14 -0.99 0.00
INDIAN POINT_GT_1 24139	23.11 1.14 0.00	21.09 0.95 0.00	21.04 0.96 0.00	20.89 0.96 0.00	21.15 0.95 0.00	24.98 1.17 0.00	34.04 1.59 0.00	37.15 1.77 0.00	30.99 1.64 0.00	27.27 1.52 0.00	25.11 1.40 0.00	24.70 1.44 0.00	24.85 1.52 0.00	26.39 1.52 0.00	27.05 1.56 0.00	29.30 1.81 0.00	34.00 2.07 0.00	47.36 3.10 0.00	42.09 2.72 0.00	36.89 2.35 0.00	31.57 2.09 0.00	27.91 1.85 0.00	24.81 1.62 0.00	22.34 1.20 0.00
INDIAN POINT_GT_2 23659	23.11 1.14 0.00	21.09 0.95 0.00	21.04 0.96 0.00	20.89 0.96 0.00	21.15 0.95 0.00	24.98 1.17 0.00	34.04 1.59 0.00	37.15 1.77 0.00	30.99 1.64 0.00	27.27 1.52 0.00	25.11 1.40 0.00	24.70 1.44 0.00	24.85 1.52 0.00	26.39 1.52 0.00	27.05 1.56 0.00	29.30 1.81 0.00	34.00 2.07 0.00	47.36 3.10 0.00	42.09 2.72 0.00	36.89 2.35 0.00	31.57 2.09 0.00	27.91 1.85 0.00	24.81 1.62 0.00	22.34 1.20 0.00
INDIAN POINT_GT_3 24019	23.11 1.14 0.00	21.09 0.95 0.00	21.04 0.96 0.00	20.89 0.96 0.00	21.15 0.95 0.00	24.98 1.17 0.00	34.04 1.59 0.00	37.15 1.77 0.00	30.99 1.64 0.00	27.27 1.52 0.00	25.11 1.40 0.00	24.70 1.44 0.00	24.85 1.52 0.00	26.39 1.52 0.00	27.05 1.56 0.00	29.30 1.81 0.00	34.00 2.07 0.00	47.36 3.10 0.00	42.09 2.72 0.00	36.89 2.35 0.00	31.57 2.09 0.00	27.91 1.85 0.00	24.81 1.62 0.00	22.34 1.20 0.00
INDIAN POINT___2 23530	23.07 1.10 0.00	21.07 0.93 0.00	20.96 0.88 0.00	20.87 0.94 0.00	21.13 0.93 0.00	24.93 1.12 0.00	33.97 1.53 0.00	37.08 1.70 0.00	30.93 1.58 0.00	27.22 1.47 0.00	25.08 1.37 0.00	24.68 1.42 0.00	24.81 1.47 0.00	26.34 1.47 0.00	27.00 1.50 0.00	29.24 1.76 0.00	33.93 2.01 0.00	47.27 3.01 0.00	42.01 2.64 0.00	36.82 2.28 0.00	31.51 2.03 0.00	27.86 1.80 0.00	24.79 1.60 0.00	22.40 1.27 0.00
INDIAN POINT___3 23531	23.07 1.10 0.00	21.07 0.93 0.00	21.02 0.94 0.00	20.87 0.94 0.00	21.13 0.93 0.00	24.95 1.14 0.00	34.00 1.56 0.00	37.12 1.73 0.00	30.93 1.58 0.00	27.24 1.49 0.00	25.08 1.37 0.00	24.68 1.42 0.00	24.83 1.49 0.00	26.34 1.47 0.00	27.00 1.50 0.00	29.24 1.76 0.00	33.93 2.01 0.00	47.27 3.01 0.00	42.01 2.64 0.00	36.82 2.28 0.00	31.55 2.06 0.00	27.86 1.80 0.00	24.79 1.60 0.00	22.32 1.18 0.00
INGHAM_C_115KV_TB7 356103	22.26 0.29 0.00	20.36 0.22 0.00	20.30 0.22 0.00	20.13 0.20 0.00	20.38 0.18 0.00	24.05 0.24 0.00	32.84 0.39 0.00	35.74 0.35 0.00	29.70 0.35 0.00	26.11 0.36 0.00	24.06 0.36 0.00	23.61 0.35 0.00	23.66 0.33 0.00	25.20 0.32 0.00	25.82 0.33 0.00	27.84 0.36 0.00	32.21 0.29 0.00	44.75 0.49 0.00	39.83 0.43 -0.03	35.75 0.45 -0.75	30.64 0.35 -0.80	27.34 0.44 -0.84	23.96 0.35 -0.42	22.05 0.36 -0.56
IP CORINTH___1 23988	22.89 0.92 0.00	20.89 0.75 0.00	20.80 0.72 0.00	20.67 0.74 0.00	20.97 0.77 0.00	24.71 0.90 0.00	33.84 1.40 0.00	36.73 1.34 0.00	30.46 1.12 0.00	26.70 0.95 0.00	24.61 0.90 0.00	24.12 0.86 0.00	24.13 0.79 0.00	25.72 0.85 0.00	26.44 0.94 0.00	28.61 1.13 0.00	33.17 1.24 0.00	46.52 2.26 0.00	41.34 1.97 0.00	36.10 1.55 0.00	30.78 1.30 0.00	27.16 1.09 0.00	24.11 0.93 0.00	22.44 1.31 0.00



IP__TICONDEROGA 23804	23.75 1.78 0.00	21.63 1.49 0.00	21.47 1.39 0.00	21.37 1.44 0.00	21.70 1.49 0.00	25.57 1.76 0.00	35.20 2.76 0.00	38.04 2.65 0.00	31.49 2.14 0.00	27.58 1.83 0.00	25.37 1.66 0.00	24.86 1.60 0.00	24.85 1.52 0.00	26.54 1.67 0.00	27.35 1.86 0.00	29.60 2.12 0.00	34.32 2.39 0.00	48.46 4.20 0.00	43.07 3.70 0.00	37.51 2.97 0.00	31.93 2.45 0.00	28.15 2.09 0.00	24.86 1.67 0.00	23.06 1.92 0.00
ISLIP_RES_REC 323679	23.18 1.21 0.00	21.19 1.05 0.00	21.18 1.10 0.00	20.91 0.98 0.00	21.11 0.91 0.00	25.12 1.31 0.00	33.45 1.01 0.01	37.19 1.80 0.00	30.99 1.64 0.00	27.68 1.93 0.00	25.79 2.09 0.00	25.58 2.23 -0.09	25.48 2.15 0.00	28.32 2.31 -1.13	29.35 2.47 -1.38	30.42 2.94 0.00	36.03 3.54 -0.57	54.02 4.78 -4.98	43.59 4.21 0.00	38.10 3.56 0.00	32.49 3.01 0.00	30.22 2.89 -1.27	28.68 2.69 -2.81	23.86 2.24 -0.49
JAMAICA__27_KV_LOAD 355505	23.29 1.32 0.00	21.21 1.07 0.00	21.11 1.02 0.00	20.97 1.04 0.00	21.21 1.01 0.00	25.14 1.33 0.00	34.26 1.82 0.00	37.47 2.09 0.00	31.43 2.08 0.00	27.73 1.98 0.00	25.48 1.78 0.00	25.14 1.88 0.00	25.29 1.96 0.00	26.82 1.94 0.00	27.46 1.96 0.00	29.82 2.34 0.00	34.44 2.52 0.00	48.02 3.76 0.00	42.60 3.23 0.00	37.38 2.83 0.00	32.05 2.56 0.00	28.30 2.24 0.00	25.20 2.02 0.00	22.57 1.44 0.00
JANIS__SOLAR 323808	22.61 0.64 0.00	20.74 0.60 0.00	20.68 0.60 0.00	20.45 0.52 0.00	20.75 0.55 0.00	24.62 0.81 0.00	33.75 1.30 0.00	36.73 1.34 0.00	30.40 1.06 0.00	26.55 0.80 0.00	24.30 0.59 0.00	23.77 0.51 0.00	23.75 0.42 0.00	25.40 0.52 0.00	26.10 0.61 0.00	28.34 0.85 0.00	33.17 1.24 0.00	46.07 1.82 0.00	41.06 1.69 0.00	35.93 1.38 0.00	30.45 0.97 0.00	26.90 0.83 0.00	23.74 0.56 0.00	21.70 0.57 0.00
JARVIS____ 23743	22.08 0.11 0.00	20.22 0.08 0.00	20.18 0.10 0.00	20.03 0.10 0.00	20.30 0.10 0.00	23.93 0.12 0.00	32.58 0.13 0.00	35.53 0.14 0.00	29.50 0.15 0.00	25.88 0.13 0.00	23.83 0.12 0.00	23.38 0.12 0.00	23.45 0.12 0.00	25.00 0.13 0.00	25.62 0.13 0.00	27.65 0.17 0.00	32.11 0.19 0.00	44.57 0.31 0.00	39.68 0.28 -0.03	35.54 0.24 -0.75	30.46 0.18 -0.80	27.06 0.16 -0.84	23.75 0.14 -0.42	21.82 0.13 -0.56
JENNISON__1 23625	22.92 0.94 0.00	21.03 0.89 0.00	20.98 0.90 0.00	20.77 0.84 0.00	21.07 0.87 0.00	24.98 1.17 0.00	34.23 1.78 0.00	37.26 1.88 0.00	30.90 1.56 0.00	27.06 1.31 0.00	24.82 1.11 0.00	24.31 1.05 0.00	24.27 0.93 0.00	25.97 1.09 0.00	26.64 1.15 0.00	28.94 1.46 0.00	33.77 1.85 0.00	46.87 2.61 0.00	41.73 2.36 0.00	36.58 2.04 0.00	30.99 1.50 0.00	27.37 1.30 0.00	24.11 0.93 0.00	22.00 0.87 0.00
JENNISON__2 23626	22.92 0.94 0.00	21.03 0.89 0.00	20.98 0.90 0.00	20.77 0.84 0.00	21.07 0.87 0.00	24.98 1.17 0.00	34.23 1.78 0.00	37.26 1.88 0.00	30.90 1.56 0.00	27.06 1.31 0.00	24.82 1.11 0.00	24.31 1.05 0.00	24.27 0.93 0.00	25.97 1.09 0.00	26.64 1.15 0.00	28.94 1.46 0.00	33.77 1.85 0.00	46.87 2.61 0.00	41.73 2.36 0.00	36.58 2.04 0.00	30.99 1.50 0.00	27.37 1.30 0.00	24.11 0.93 0.00	22.00 0.87 0.00
JERICHO_RISE_WT_PWR 323719	22.08 0.11 0.00	20.30 0.16 0.00	20.20 0.12 0.00	20.09 0.16 0.00	20.34 0.14 0.00	24.02 0.21 0.00	33.16 0.71 0.00	36.23 0.85 0.00	29.61 0.26 0.00	25.85 0.10 0.00	23.68 -0.02 0.00	23.21 -0.05 0.00	23.24 -0.09 0.00	24.85 -0.02 0.00	25.29 -0.20 0.00	27.10 -0.38 0.00	31.41 -0.51 0.00	43.28 -0.97 0.00	37.87 -1.06 0.45	21.42 -0.86 12.26	15.62 -0.83 13.04	11.67 -0.81 13.59	15.64 -0.72 6.83	11.35 -0.72 9.06
KATONAH__115KV_46KV_TB4 355592	23.25 1.27 0.00	21.23 1.09 0.00	21.19 1.10 0.00	21.03 1.10 0.00	21.31 1.11 0.00	25.14 1.33 0.00	34.36 1.91 0.00	38.32 2.94 0.00	31.93 2.58 0.00	27.76 2.01 0.00	25.63 1.92 0.00	25.21 1.95 0.00	25.27 1.94 0.00	26.91 2.04 0.00	27.71 2.22 0.00	30.15 2.67 0.00	34.89 2.97 0.00	48.77 4.51 0.00	43.23 3.86 0.00	37.86 3.32 0.00	32.28 2.80 0.00	28.72 2.66 0.00	25.20 2.02 0.00	22.72 1.58 0.00
KCE_NY_1 323755	23.07 1.10 0.00	21.07 0.93 0.00	20.99 0.90 0.00	20.87 0.94 0.00	21.15 0.95 0.00	24.93 1.12 0.00	34.07 1.62 0.00	37.05 1.66 0.00	30.76 1.41 0.00	26.96 1.21 0.00	24.82 1.11 0.00	24.35 1.09 0.00	24.41 1.07 0.00	26.04 1.17 0.00	26.74 1.25 0.00	28.94 1.46 0.00	33.58 1.66 0.00	46.91 2.66 0.00	41.69 2.32 0.00	36.48 1.93 0.00	31.10 1.62 0.00	27.47 1.41 0.00	24.37 1.18 0.00	22.15 1.01 0.00
KCE_NY_6_ESR 323823	20.76 -1.21 0.00	19.07 -1.07 0.00	19.04 -1.05 0.00	18.68 -1.26 0.00	19.01 -1.19 0.00	22.48 -1.33 0.00	30.76 -1.69 0.00	33.30 -2.09 0.00	27.97 -1.38 0.00	24.59 -1.16 0.00	23.02 -0.69 0.00	22.42 -0.84 0.00	22.56 -0.77 0.00	24.13 -0.75 0.00	24.58 -0.92 0.00	25.86 -1.62 0.00	30.13 -1.79 0.00	40.23 -4.03 0.01	36.26 -3.11 0.00	32.06 -2.49 0.00	27.30 -2.18 0.00	24.42 -1.64 0.00	21.84 -1.35 0.00	20.31 -0.82 0.00
KEDC_PORT_JEFF_GT2 24210	23.13 1.16 0.00	21.13 0.99 0.00	21.12 1.04 0.00	20.85 0.92 0.00	21.05 0.85 0.00	25.05 1.24 0.00	33.31 0.88 0.01	37.01 1.63 0.00	30.87 1.53 0.00	27.60 1.85 0.00	25.70 1.99 0.00	25.49 2.14 -0.09	25.39 2.05 0.00	28.21 2.21 -1.13	29.21 2.34 -1.38	30.29 2.80 0.00	35.84 3.35 -0.56	53.72 4.52 -4.94	43.35 3.97 0.00	37.89 3.35 0.00	32.34 2.86 0.00	30.11 2.79 -1.26	28.59 2.60 -2.81	23.77 2.16 -0.49
KEDC_PORT_JEFF_GT3 24211	23.13 1.16 0.00	21.13 0.99 0.00	21.12 1.04 0.00	20.85 0.92 0.00	21.05 0.85 0.00	25.05 1.24 0.00	33.31 0.88 0.01	37.01 1.63 0.00	30.87 1.53 0.00	27.60 1.85 0.00	25.70 1.99 0.00	25.49 2.14 -0.09	25.39 2.05 0.00	28.21 2.21 -1.13	29.21 2.34 -1.38	30.29 2.80 0.00	35.84 3.35 -0.56	53.72 4.52 -4.94	43.35 3.97 0.00	37.89 3.35 0.00	32.34 2.86 0.00	30.11 2.79 -1.26	28.59 2.60 -2.81	23.77 2.16 -0.49
KEDC_GLWD_GT4 24219	23.22 1.25 0.00	21.19 1.05 0.00	21.10 1.02 0.00	20.95 1.02 0.00	21.17 0.97 0.00	25.09 1.28 0.00	33.90 1.46 0.00	37.29 1.91 0.00	31.14 1.79 0.00	27.63 1.88 0.00	25.58 1.87 0.00	25.39 1.98 -0.15	25.32 1.98 0.00	28.86 2.06 -1.92	29.93 2.09 -2.35	29.87 2.39 0.00	35.59 2.71 -0.96	56.59 3.90 -8.44	42.80 3.42 0.00	37.48 2.93 0.00	32.05 2.56 0.00	30.56 2.35 -2.15	28.13 2.13 -2.81	23.35 1.73 -0.49
KEDC_GLWD_GT5 24220	23.22 1.25 0.00	21.19 1.05 0.00	21.10 1.02 0.00	20.95 1.02 0.00	21.17 0.97 0.00	25.09 1.28 0.00	33.90 1.46 0.00	37.29 1.91 0.00	31.14 1.79 0.00	27.63 1.88 0.00	25.58 1.87 0.00	25.39 1.98 -0.15	25.32 1.98 0.00	28.86 2.06 -1.92	29.93 2.09 -2.35	29.87 2.39 0.00	35.59 2.71 -0.96	56.59 3.90 -8.44	42.80 3.42 0.00	37.48 2.93 0.00	32.05 2.56 0.00	30.56 2.35 -2.15	28.13 2.13 -2.81	23.35 1.73 -0.49



KENSICO____ 23655	23.14 1.16 0.00	21.11 0.97 0.00	21.07 0.98 0.00	20.91 0.98 0.00	21.17 0.97 0.00	25.00 1.19 0.00	34.10 1.65 0.00	37.22 1.84 0.00	31.05 1.70 0.00	27.34 1.60 0.00	25.18 1.47 0.00	24.79 1.54 0.00	24.94 1.61 0.00	26.47 1.59 0.00	27.12 1.63 0.00	29.38 1.90 0.00	34.09 2.17 0.00	47.45 3.19 0.00	42.17 2.80 0.00	36.96 2.42 0.00	31.66 2.18 0.00	27.97 1.90 0.00	24.88 1.69 0.00	22.38 1.25 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	23.07 1.10 0.00	21.05 0.91 0.00	21.04 0.96 0.00	20.89 0.96 0.00	21.19 0.99 0.00	25.02 1.21 0.00	34.10 1.65 0.00	37.12 1.73 0.00	30.90 1.56 0.00	27.09 1.34 0.00	24.92 1.21 0.00	24.40 1.14 0.00	24.59 1.26 0.00	26.09 1.22 0.00	26.82 1.33 0.00	29.05 1.57 0.00	33.81 1.88 0.00	47.22 2.97 0.00	41.97 2.60 0.00	36.82 2.28 0.00	31.49 2.00 0.00	27.78 1.72 0.00	24.72 1.53 0.00	22.23 1.10 0.00
KIAC_JFK_GT1 23816	23.18 1.21 0.00	21.11 0.97 0.00	21.02 0.94 0.00	20.87 0.94 0.00	21.13 0.93 0.00	25.02 1.21 0.00	33.94 1.49 0.00	37.12 1.73 0.00	31.26 1.91 0.00	27.60 1.85 0.00	25.37 1.66 0.00	25.03 1.77 0.00	25.18 1.84 0.00	26.69 1.82 0.00	27.33 1.84 0.00	29.65 2.17 0.00	34.16 2.23 0.00	47.58 3.32 0.00	42.25 2.87 0.00	37.03 2.49 0.00	31.75 2.27 0.00	28.15 2.09 0.00	25.07 1.88 0.00	22.46 1.33 0.00
KIAC_JFK_GT2 23817	23.18 1.21 0.00	21.11 0.97 0.00	21.02 0.94 0.00	20.87 0.94 0.00	21.13 0.93 0.00	25.02 1.21 0.00	33.94 1.49 0.00	37.12 1.73 0.00	31.26 1.91 0.00	27.60 1.85 0.00	25.37 1.66 0.00	25.03 1.77 0.00	25.18 1.84 0.00	26.69 1.82 0.00	27.33 1.84 0.00	29.65 2.17 0.00	34.16 2.23 0.00	47.58 3.32 0.00	42.25 2.87 0.00	37.03 2.49 0.00	31.75 2.27 0.00	28.15 2.09 0.00	25.07 1.88 0.00	22.46 1.33 0.00
KIAC_JFK____ 323774	23.18 1.21 0.00	21.11 0.97 0.00	20.99 0.90 0.00	20.87 0.94 0.00	21.13 0.93 0.00	25.02 1.21 0.00	33.91 1.46 0.00	37.12 1.73 0.00	31.26 1.91 0.00	27.58 1.83 0.00	25.37 1.66 0.00	25.03 1.77 0.00	25.16 1.82 0.00	26.69 1.81 0.00	27.33 1.84 0.00	29.65 2.17 0.00	34.16 2.23 0.00	47.58 3.32 0.00	42.24 2.87 0.00	37.03 2.49 0.00	31.75 2.27 0.00	28.15 2.09 0.00	25.09 1.90 0.00	22.57 1.44 0.00
KINTIGH____ 23543	20.41 -1.56 0.00	18.77 -1.37 0.00	18.58 -1.51 0.00	18.40 -1.53 0.00	18.69 -1.52 0.00	22.14 -1.67 0.00	30.01 -2.43 0.00	32.59 -2.80 0.00	27.35 -2.00 0.00	24.05 -1.70 0.00	22.43 -1.28 0.00	21.91 -1.35 0.00	21.93 -1.40 0.00	23.53 -1.34 0.00	24.01 -1.48 0.00	25.39 -2.09 0.00	29.56 -2.36 0.00	39.66 -4.60 0.00	35.67 -3.70 0.00	31.54 -3.01 0.00	26.83 -2.65 0.00	23.95 -2.11 0.00	21.47 -1.72 0.00	19.93 -1.20 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	22.39 0.42 0.00	20.62 0.48 0.00	20.46 0.38 0.00	20.39 0.46 0.00	20.65 0.44 0.00	24.43 0.62 0.00	33.97 1.52 0.00	37.15 1.77 0.00	30.20 0.85 0.00	26.31 0.57 0.00	24.09 0.38 0.00	23.56 0.30 0.00	23.59 0.26 0.00	25.25 0.37 0.00	25.62 0.13 0.00	27.37 -0.11 0.00	31.76 -0.16 0.00	43.33 -0.93 0.00	37.92 -0.98 0.46	21.12 -0.69 12.73	15.20 -0.74 13.55	11.22 -0.73 14.11	15.49 -0.60 7.09	11.09 -0.63 9.41
LACHUTE__HYDRO 323717	23.75 1.78 0.00	21.63 1.49 0.00	21.47 1.38 0.00	21.37 1.44 0.00	21.70 1.49 0.00	25.57 1.76 0.00	35.20 2.76 0.00	38.04 2.66 0.00	31.49 2.14 0.00	27.58 1.83 0.00	25.37 1.66 0.00	24.86 1.60 0.00	24.83 1.49 0.00	26.54 1.67 0.00	27.35 1.86 0.00	29.60 2.12 0.00	34.32 2.40 0.00	48.47 4.21 0.00	43.07 3.70 0.00	37.51 2.97 0.00	31.93 2.45 0.00	28.15 2.09 0.00	24.86 1.67 0.00	22.59 1.46 0.00
LAWRNCV_115KV_TB1 80681	23.09 1.12 0.00	21.31 1.17 0.00	21.27 1.18 0.00	21.13 1.20 0.00	21.39 1.19 0.00	25.41 1.60 0.00	35.30 2.86 0.00	38.46 3.08 0.00	31.32 1.97 0.00	27.16 1.42 0.00	24.75 1.04 0.00	24.17 0.91 0.00	24.03 0.70 0.00	25.72 0.85 0.00	26.26 0.76 0.00	28.50 1.02 0.00	33.39 1.47 0.00	47.09 2.83 0.00	41.85 2.68 0.20	31.31 2.38 5.61	25.04 1.53 5.97	21.07 1.22 6.22	20.66 0.60 3.13	17.64 0.66 4.15
LEDERLE____ 23769	23.16 1.19 0.00	21.13 0.99 0.00	21.09 1.00 0.00	20.93 1.00 0.00	21.21 1.01 0.00	25.02 1.21 0.00	34.13 1.69 0.00	37.22 1.84 0.00	31.05 1.70 0.00	27.29 1.54 0.00	25.13 1.42 0.00	24.70 1.44 0.00	24.87 1.54 0.00	26.39 1.52 0.00	27.05 1.56 0.00	29.30 1.81 0.00	34.03 2.11 0.00	47.40 3.14 0.00	42.17 2.80 0.00	36.96 2.42 0.00	31.63 2.15 0.00	27.94 1.88 0.00	24.86 1.67 0.00	22.36 1.23 0.00
LIGHTRSE_115KV_TB6 355974	21.73 -0.24 0.00	19.96 -0.18 0.00	19.90 -0.18 0.00	19.71 -0.22 0.00	20.00 -0.20 0.00	23.60 -0.21 0.00	32.19 -0.26 0.00	35.10 -0.28 0.00	29.08 -0.26 0.00	25.44 -0.31 0.00	23.42 -0.28 0.00	22.93 -0.33 0.00	22.94 -0.40 0.00	24.48 -0.40 0.00	25.11 -0.38 0.00	27.15 -0.33 0.00	31.51 -0.41 0.00	43.86 -0.40 0.00	39.12 -0.24 0.02	33.90 -0.21 0.44	28.69 -0.32 0.46	25.27 -0.31 0.48	22.60 -0.35 0.24	20.64 -0.17 0.32
LINDEN COGEN____ 23786	23.22 1.25 0.00	21.17 1.03 0.00	21.03 0.94 0.00	20.95 1.02 0.00	21.19 0.99 0.00	25.05 1.24 0.00	34.10 1.65 0.00	37.26 1.87 0.00	31.14 1.79 0.00	27.47 1.73 0.00	25.30 1.59 0.00	24.98 1.72 0.00	25.06 1.73 0.00	26.59 1.72 0.00	27.23 1.73 0.00	29.54 2.06 0.00	34.22 2.30 0.00	47.67 3.41 0.00	42.28 2.91 0.00	37.06 2.52 0.00	31.81 2.33 0.00	28.10 2.03 0.00	25.04 1.86 0.00	22.59 1.46 0.00
LINDHRST_69_KV_BK1 356055	23.27 1.30 0.00	21.25 1.11 0.00	21.29 1.20 0.00	21.09 1.16 0.00	21.17 0.97 0.00	25.21 1.40 0.00	33.67 1.23 0.01	37.30 1.91 0.00	31.11 1.76 0.00	27.94 2.19 0.00	25.89 2.18 0.00	25.68 2.33 -0.10	25.62 2.29 0.00	28.57 2.44 -1.25	29.52 2.50 -1.53	30.20 2.72 0.00	35.80 3.26 -0.63	54.24 4.47 -5.51	43.35 3.98 0.00	37.96 3.42 0.00	32.52 3.04 0.00	30.33 2.87 -1.40	28.59 2.60 -2.81	23.69 2.07 -0.49
LIPA_MISC_IPP 23656	23.00 1.03 0.00	21.07 0.93 0.00	21.19 1.10 0.00	20.99 1.06 0.00	20.95 0.75 0.00	24.95 1.14 0.00	33.25 0.81 0.01	36.87 1.49 0.00	30.73 1.38 0.00	27.47 1.73 0.00	25.51 1.80 0.00	25.28 1.93 -0.09	25.18 1.84 0.00	27.96 1.97 -1.12	29.08 2.22 -1.37	30.04 2.56 0.00	35.87 3.38 -0.56	53.61 4.43 -4.93	43.23 3.86 0.00	37.79 3.25 0.00	32.40 2.92 0.00	30.08 2.76 -1.26	28.52 2.53 -2.81	23.65 2.03 -0.49
LISF__SOLAR 323691	23.03 1.05 0.00	21.05 0.91 0.00	21.08 1.00 0.00	20.79 0.86 0.00	20.97 0.77 0.00	24.93 1.12 0.00	33.22 0.78 0.01	36.91 1.52 0.00	30.76 1.41 0.00	27.37 1.62 0.00	25.51 1.80 0.00	25.28 1.93 -0.09	25.18 1.84 0.00	27.99 1.99 -1.12	29.11 2.24 -1.37	30.34 2.86 0.00	35.93 3.45 -0.56	53.71 4.52 -4.93	43.31 3.94 0.00	37.86 3.32 0.00	32.34 2.86 0.00	30.11 2.79 -1.26	28.59 2.60 -2.81	23.77 2.16 -0.49



LITTLE FALLS___HYD 24013	22.26 0.29 0.00	20.36 0.22 0.00	20.30 0.22 0.00	20.13 0.20 0.00	20.38 0.18 0.00	24.05 0.24 0.00	32.84 0.39 0.00	35.74 0.35 0.00	29.70 0.35 0.00	26.11 0.36 0.00	24.06 0.36 0.00	23.61 0.35 0.00	23.66 0.33 0.00	25.20 0.32 0.00	25.82 0.33 0.00	27.84 0.36 0.00	32.21 0.29 0.00	44.75 0.49 0.00	39.83 0.43 -0.03	35.75 0.45 -0.75	30.64 0.35 -0.80	27.34 0.44 -0.84	23.96 0.35 -0.42	22.05 0.36 -0.56
LITTLRIV_115KV_TB1 356100	23.47 1.49 0.00	21.67 1.53 0.00	21.65 1.57 0.00	21.49 1.55 0.00	21.78 1.58 0.00	25.93 2.12 0.00	36.11 3.67 0.00	39.31 3.93 0.00	31.90 2.55 0.00	27.60 1.85 0.00	25.11 1.40 0.00	24.51 1.26 0.00	24.34 1.00 0.00	26.04 1.17 0.00	26.59 1.10 0.00	28.94 1.46 0.00	33.96 2.04 0.00	48.15 3.89 0.00	42.87 3.70 0.20	32.21 3.28 5.61	25.75 2.24 5.97	21.64 1.80 6.22	21.08 1.02 3.13	18.02 1.04 4.15
LI_NEWBRDGE___DRP 323616	22.98 1.01 0.00	20.99 0.85 0.00	20.98 0.90 0.00	20.81 0.88 0.00	20.93 0.73 0.00	24.86 1.05 0.00	33.28 0.84 0.01	36.87 1.49 0.00	30.79 1.44 0.00	27.60 1.85 0.00	25.56 1.85 0.00	25.32 1.98 -0.08	25.29 1.96 0.00	27.97 2.06 -1.03	28.84 2.09 -1.26	29.76 2.28 0.00	35.12 2.68 -0.51	52.50 3.72 -4.52	42.64 3.27 0.00	37.34 2.80 0.00	31.99 2.51 0.00	29.61 2.40 -1.15	28.15 2.16 -2.81	23.31 1.69 -0.49
LOCKPORT_115KV_TB60_63_64 80432	20.35 -1.63 0.00	18.69 -1.45 0.00	18.51 -1.57 0.00	18.30 -1.63 0.00	18.59 -1.62 0.00	22.02 -1.79 0.00	29.92 -2.53 0.00	32.48 -2.90 0.00	27.32 -2.03 0.00	24.00 -1.75 0.00	22.47 -1.23 0.00	21.91 -1.35 0.00	21.96 -1.38 0.00	23.58 -1.29 0.00	24.01 -1.48 0.00	25.28 -2.20 0.00	29.43 -2.49 0.00	39.21 -5.05 0.00	35.36 -4.02 0.00	31.26 -3.28 0.00	26.59 -2.89 0.00	23.80 -2.27 0.00	21.36 -1.83 0.00	19.86 -1.27 0.00
LOCKPORT___CC1 323769	20.35 -1.63 0.00	18.71 -1.43 0.00	18.66 -1.43 0.00	18.30 -1.63 0.00	18.61 -1.60 0.00	22.02 -1.79 0.00	30.05 -2.40 0.00	32.45 -2.94 0.00	27.29 -2.06 0.00	24.02 -1.72 0.00	22.47 -1.23 0.00	21.91 -1.35 0.00	22.03 -1.31 0.00	23.58 -1.29 0.00	24.01 -1.48 0.00	25.23 -2.25 0.00	29.40 -2.52 0.00	39.17 -5.09 0.00	35.32 -4.05 0.00	31.23 -3.32 0.00	26.62 -2.86 0.00	23.85 -2.22 0.00	21.35 -1.83 0.00	19.93 -1.20 0.00
LOCKPORT___CC2 323770	20.35 -1.63 0.00	18.71 -1.43 0.00	18.66 -1.43 0.00	18.30 -1.63 0.00	18.61 -1.60 0.00	22.02 -1.79 0.00	30.05 -2.40 0.00	32.45 -2.94 0.00	27.29 -2.06 0.00	24.02 -1.72 0.00	22.47 -1.23 0.00	21.91 -1.35 0.00	22.03 -1.31 0.00	23.58 -1.29 0.00	24.01 -1.48 0.00	25.23 -2.25 0.00	29.40 -2.52 0.00	39.17 -5.09 0.00	35.32 -4.05 0.00	31.23 -3.32 0.00	26.62 -2.86 0.00	23.85 -2.22 0.00	21.35 -1.83 0.00	19.93 -1.20 0.00
LOCKPORT___CC3 323771	20.35 -1.63 0.00	18.71 -1.43 0.00	18.66 -1.43 0.00	18.30 -1.63 0.00	18.61 -1.60 0.00	22.02 -1.79 0.00	30.05 -2.40 0.00	32.45 -2.94 0.00	27.29 -2.06 0.00	24.02 -1.72 0.00	22.47 -1.23 0.00	21.91 -1.35 0.00	22.03 -1.31 0.00	23.58 -1.29 0.00	24.01 -1.48 0.00	25.23 -2.25 0.00	29.40 -2.52 0.00	39.17 -5.09 0.00	35.32 -4.05 0.00	31.23 -3.32 0.00	26.62 -2.86 0.00	23.85 -2.22 0.00	21.35 -1.83 0.00	19.93 -1.20 0.00
LONG_LAKE_PHOENIX 24014	21.42 -0.55 0.00	19.68 -0.46 0.00	19.58 -0.50 0.00	19.42 -0.52 0.00	19.70 -0.51 0.00	23.24 -0.57 0.00	31.57 -0.88 0.00	34.46 -0.92 0.00	28.62 -0.73 0.00	25.10 -0.64 0.00	23.11 -0.59 0.00	22.65 -0.60 0.00	22.70 -0.63 0.00	24.25 -0.62 0.00	24.86 -0.64 0.00	26.77 -0.71 0.00	31.12 -0.80 0.00	43.06 -1.19 0.00	38.39 -0.98 0.00	33.65 -0.90 0.00	28.69 -0.80 0.00	25.39 -0.68 0.00	22.61 -0.58 0.00	20.71 -0.42 0.00
LOVETT___3 23632	23.05 1.08 0.00	21.05 0.91 0.00	21.00 0.92 0.00	20.85 0.92 0.00	21.11 0.91 0.00	24.93 1.12 0.00	33.97 1.52 0.00	37.05 1.66 0.00	30.90 1.56 0.00	27.19 1.44 0.00	25.03 1.33 0.00	24.65 1.40 0.00	24.80 1.47 0.00	26.32 1.44 0.00	26.97 1.48 0.00	29.21 1.73 0.00	33.90 1.98 0.00	47.18 2.92 0.00	41.93 2.56 0.00	36.79 2.25 0.00	31.52 2.03 0.00	27.84 1.77 0.00	24.76 1.58 0.00	22.29 1.16 0.00
LOVETT___4 23642	23.05 1.08 0.00	21.05 0.91 0.00	21.00 0.92 0.00	20.85 0.92 0.00	21.11 0.91 0.00	24.93 1.12 0.00	33.97 1.52 0.00	37.05 1.66 0.00	30.90 1.56 0.00	27.19 1.44 0.00	25.03 1.33 0.00	24.65 1.40 0.00	24.80 1.47 0.00	26.32 1.44 0.00	26.97 1.48 0.00	29.21 1.73 0.00	33.90 1.98 0.00	47.18 2.92 0.00	41.93 2.56 0.00	36.79 2.25 0.00	31.52 2.03 0.00	27.84 1.77 0.00	24.76 1.58 0.00	22.29 1.16 0.00
LOVETT___5 23593	23.05 1.08 0.00	21.05 0.91 0.00	21.00 0.92 0.00	20.85 0.92 0.00	21.11 0.91 0.00	24.93 1.12 0.00	33.97 1.52 0.00	37.05 1.66 0.00	30.90 1.56 0.00	27.19 1.44 0.00	25.03 1.33 0.00	24.65 1.40 0.00	24.80 1.47 0.00	26.32 1.44 0.00	26.97 1.48 0.00	29.21 1.73 0.00	33.90 1.98 0.00	47.18 2.92 0.00	41.93 2.56 0.00	36.79 2.25 0.00	31.52 2.03 0.00	27.84 1.77 0.00	24.76 1.58 0.00	22.29 1.16 0.00
LOWER RAQUET___HYD 24057	23.11 1.14 0.00	21.31 1.17 0.00	21.29 1.20 0.00	21.13 1.20 0.00	21.41 1.21 0.00	25.41 1.60 0.00	35.30 2.86 0.00	38.46 3.08 0.00	31.32 1.97 0.00	27.16 1.42 0.00	24.75 1.04 0.00	24.17 0.91 0.00	24.06 0.72 0.00	25.72 0.85 0.00	26.26 0.76 0.00	28.50 1.02 0.00	33.39 1.47 0.00	47.09 2.84 0.00	41.85 2.68 0.20	31.31 2.38 5.61	25.07 1.56 5.97	21.07 1.23 6.22	20.69 0.63 3.13	17.64 0.66 4.15
LOWER___HUDSON 24059	22.98 1.01 0.00	21.01 0.87 0.00	20.94 0.86 0.00	20.81 0.88 0.00	21.09 0.89 0.00	24.86 1.05 0.00	33.94 1.49 0.00	36.98 1.59 0.00	30.73 1.38 0.00	26.96 1.21 0.00	24.84 1.14 0.00	24.38 1.12 0.00	24.45 1.12 0.00	26.04 1.17 0.00	26.74 1.25 0.00	28.91 1.43 0.00	33.55 1.63 0.00	46.74 2.48 0.00	41.54 2.16 0.00	36.41 1.86 0.00	31.07 1.59 0.00	27.47 1.41 0.00	24.39 1.20 0.00	22.15 1.01 0.00
LOWVILLE_115KV_TB2 356335	22.67 0.70 0.00	20.84 0.70 0.00	20.80 0.72 0.00	20.63 0.70 0.00	20.93 0.73 0.00	24.52 0.71 0.00	33.74 1.30 0.00	36.73 1.34 0.00	30.26 0.91 0.00	26.42 0.67 0.00	24.16 0.45 0.00	23.65 0.40 0.00	23.57 0.23 0.00	25.17 0.30 0.00	25.80 0.31 0.00	28.09 0.60 0.00	32.78 0.86 0.00	46.03 1.77 0.00	41.02 1.69 0.04	34.85 1.49 1.18	29.14 0.91 1.26	25.51 0.76 1.31	22.88 0.35 0.66	20.66 0.40 0.87
LUTHERFT_115KV_GLOB_FND_222 355753	23.07 1.10 0.00	21.07 0.93 0.00	20.98 0.90 0.00	20.87 0.94 0.00	21.15 0.95 0.00	24.91 1.10 0.00	34.07 1.62 0.00	37.01 1.63 0.00	30.73 1.38 0.00	26.96 1.21 0.00	24.82 1.11 0.00	24.35 1.09 0.00	24.41 1.07 0.00	26.02 1.14 0.00	26.74 1.25 0.00	28.91 1.43 0.00	33.55 1.63 0.00	46.87 2.61 0.00	41.66 2.28 0.00	36.44 1.90 0.00	31.10 1.62 0.00	27.47 1.41 0.00	24.37 1.18 0.00	22.27 1.14 0.00



LUTHERNY_35_KV_BK2 355980	23.07 1.10 0.00	21.07 0.93 0.00	21.00 0.92 0.00	20.87 0.94 0.00	21.15 0.95 0.00	24.93 1.12 0.00	34.10 1.65 0.00	37.05 1.66 0.00	30.76 1.41 0.00	26.98 1.24 0.00	24.82 1.11 0.00	24.35 1.09 0.00	24.41 1.07 0.00	26.04 1.17 0.00	26.74 1.25 0.00	28.94 1.46 0.00	33.58 1.66 0.00	46.91 2.66 0.00	41.69 2.32 0.00	36.48 1.93 0.00	31.10 1.62 0.00	27.47 1.41 0.00	24.37 1.18 0.00	22.29 1.16 0.00
LWR___OSWEGATCHIE_HYD 23850	22.83 0.86 0.00	21.03 0.89 0.00	21.00 0.92 0.00	20.83 0.90 0.00	21.11 0.91 0.00	24.95 1.14 0.00	34.52 2.08 0.00	37.61 2.23 0.00	30.76 1.41 0.00	26.75 1.00 0.00	24.42 0.71 0.00	23.89 0.63 0.00	23.75 0.42 0.00	25.40 0.52 0.00	25.98 0.48 0.00	28.25 0.77 0.00	33.04 1.12 0.00	46.52 2.26 0.00	41.40 2.17 0.13	32.83 1.93 3.65	26.81 1.21 3.88	22.98 0.96 4.04	21.62 0.46 2.03	18.94 0.51 2.70
LYONS_FALL_HYD 23570	22.61 0.64 0.00	20.77 0.63 0.00	20.74 0.66 0.00	20.57 0.64 0.00	20.85 0.65 0.00	24.52 0.71 0.00	33.65 1.20 0.00	36.62 1.24 0.00	30.26 0.91 0.00	26.47 0.72 0.00	24.25 0.55 0.00	23.77 0.51 0.00	23.71 0.37 0.00	25.32 0.45 0.00	25.95 0.46 0.00	28.20 0.71 0.00	32.88 0.96 0.00	46.03 1.77 0.00	41.01 1.65 0.02	35.43 1.42 0.53	29.86 0.94 0.56	26.26 0.78 0.58	23.33 0.44 0.29	21.21 0.46 0.39
MADISON___COUNTY_LFGE 323628	22.50 0.53 0.00	20.64 0.50 0.00	20.60 0.52 0.00	20.41 0.48 0.00	20.71 0.51 0.00	24.48 0.67 0.00	33.45 1.01 0.00	36.48 1.10 0.00	30.23 0.88 0.00	26.52 0.77 0.00	24.35 0.64 0.00	23.86 0.60 0.00	23.85 0.51 0.00	25.47 0.60 0.00	26.13 0.64 0.00	28.31 0.82 0.00	32.98 1.05 0.00	45.85 1.59 0.00	40.83 1.46 0.00	35.79 1.24 0.00	30.40 0.91 0.00	26.84 0.78 0.00	23.72 0.53 0.00	21.68 0.55 0.00
MALONE___115KV_TB1 356076	22.52 0.55 0.00	20.76 0.62 0.00	20.66 0.58 0.00	20.55 0.62 0.00	20.81 0.61 0.00	24.62 0.81 0.00	34.20 1.75 0.00	37.37 1.98 0.00	30.43 1.09 0.00	26.49 0.75 0.00	24.23 0.52 0.00	23.68 0.42 0.00	23.68 0.35 0.00	25.32 0.45 0.00	25.80 0.31 0.00	27.73 0.25 0.00	32.27 0.35 0.00	44.83 0.58 0.00	39.38 0.39 0.38	24.37 0.41 10.59	18.33 0.12 11.26	14.35 0.03 11.74	17.10 -0.19 5.90	13.12 -0.19 7.83
MAPLEWOD_115KV_TB3 80458	22.94 0.97 0.00	20.95 0.81 0.00	20.90 0.82 0.00	20.77 0.84 0.00	21.05 0.85 0.00	24.79 0.98 0.00	33.84 1.40 0.00	36.87 1.49 0.00	30.64 1.29 0.00	26.91 1.16 0.00	24.75 1.04 0.00	24.31 1.05 0.00	24.41 1.07 0.00	25.99 1.12 0.00	26.69 1.20 0.00	28.86 1.37 0.00	33.49 1.56 0.00	46.65 2.39 0.00	41.50 2.13 0.00	36.34 1.80 0.00	31.04 1.56 0.00	27.42 1.36 0.00	24.32 1.14 0.00	22.08 0.95 0.00
MAPLE_RIDGE_WT_1 323574	21.58 -0.39 0.00	19.76 -0.38 0.00	19.64 -0.44 0.00	19.46 -0.48 0.00	19.68 -0.53 0.00	23.14 -0.67 0.00	31.57 -0.87 0.00	34.39 -0.99 0.00	28.35 -1.00 0.00	24.85 -0.90 0.00	22.85 -0.85 0.00	22.44 -0.81 0.00	22.52 -0.82 0.00	24.00 -0.87 0.00	24.58 -0.92 0.00	26.41 -1.07 0.00	30.58 -1.34 0.00	42.40 -1.86 0.00	36.87 -1.77 0.73	12.83 -1.59 20.13	6.68 -1.39 21.41	2.53 -1.22 22.31	10.88 -1.09 11.21	5.24 -1.01 14.88
MAPLE_RIDGE_WT_2 323611	21.58 -0.39 0.00	19.76 -0.38 0.00	19.64 -0.44 0.00	19.46 -0.48 0.00	19.68 -0.53 0.00	23.14 -0.67 0.00	31.57 -0.87 0.00	34.39 -0.99 0.00	28.35 -1.00 0.00	24.85 -0.90 0.00	22.85 -0.85 0.00	22.44 -0.81 0.00	22.52 -0.82 0.00	24.00 -0.87 0.00	24.58 -0.92 0.00	26.41 -1.07 0.00	30.58 -1.34 0.00	42.40 -1.86 0.00	36.87 -1.77 0.73	12.83 -1.59 20.13	6.68 -1.39 21.41	2.53 -1.22 22.31	10.88 -1.09 11.21	5.24 -1.01 14.88
MARBLE_RIVER_WT_PWR 323696	22.28 0.31 0.00	20.50 0.36 0.00	20.34 0.26 0.00	20.25 0.32 0.00	20.52 0.32 0.00	24.26 0.45 0.00	33.68 1.23 0.00	36.84 1.45 0.00	29.99 0.64 0.00	26.16 0.41 0.00	23.92 0.21 0.00	23.42 0.16 0.00	23.45 0.12 0.00	25.05 0.18 0.00	25.37 -0.13 0.00	27.07 -0.41 0.00	31.28 -0.64 0.00	42.44 -1.82 0.00	37.10 -1.81 0.47	20.27 -1.45 12.82	14.49 -1.36 13.64	10.55 -1.30 14.21	14.98 -1.07 7.14	10.58 -1.08 9.48
MARSHVLE_115KV_TB1 80742	23.20 1.23 0.00	21.19 1.05 0.00	21.11 1.02 0.00	20.97 1.04 0.00	21.29 1.09 0.00	25.17 1.36 0.00	34.59 2.14 0.00	37.47 2.09 0.00	30.93 1.58 0.00	26.98 1.24 0.00	24.65 0.95 0.00	24.00 0.74 0.00	24.03 0.70 0.00	25.82 0.95 0.00	26.62 1.12 0.00	29.13 1.65 0.00	33.84 1.92 0.00	47.31 3.05 0.00	42.13 2.76 0.00	36.79 2.25 0.00	31.28 1.80 0.00	27.76 1.69 0.00	24.49 1.30 0.00	22.27 1.14 0.00
MARSH_HILL_WT_PWR 323713	21.05 -0.92 0.00	19.33 -0.81 0.00	19.22 -0.86 0.00	18.92 -1.02 0.00	19.25 -0.95 0.00	22.76 -1.05 0.00	31.18 -1.27 0.00	34.00 -1.38 0.00	28.32 -1.03 0.00	24.82 -0.93 0.00	23.09 -0.62 0.00	22.54 -0.72 0.00	22.66 -0.68 0.00	24.23 -0.65 0.00	24.70 -0.79 0.00	26.19 -1.29 0.00	30.49 -1.44 0.00	41.03 -3.23 0.00	36.81 -2.56 0.00	32.33 -2.21 0.00	27.63 -1.86 0.00	24.58 -1.48 0.00	21.93 -1.25 0.00	20.14 -0.99 0.00
MCINTYRE_115KV_TB2 80467	23.77 1.80 0.00	21.95 1.81 0.00	21.97 1.89 0.00	21.79 1.85 0.00	22.08 1.88 0.00	26.33 2.52 0.00	36.76 4.32 0.00	39.95 4.56 0.00	32.34 2.99 0.00	27.86 2.11 0.00	25.32 1.61 0.00	24.70 1.44 0.00	24.52 1.19 0.00	26.24 1.37 0.00	26.79 1.30 0.00	29.21 1.73 0.00	34.38 2.46 0.00	48.99 4.74 0.00	43.70 4.53 0.20	32.97 4.04 5.61	26.31 2.80 5.97	22.11 2.27 6.22	21.43 1.37 3.13	18.34 1.35 4.15
MECO_____69_KV_BK1 80468	23.47 1.49 0.00	21.43 1.29 0.00	21.33 1.25 0.00	21.19 1.26 0.00	21.54 1.33 0.00	25.41 1.60 0.00	34.91 2.47 0.00	37.79 2.41 0.00	31.23 1.88 0.00	27.27 1.52 0.00	24.96 1.26 0.00	24.38 1.12 0.00	24.43 1.10 0.00	26.19 1.32 0.00	26.97 1.48 0.00	29.41 1.92 0.00	34.16 2.23 0.00	47.89 3.63 0.00	42.60 3.23 0.00	37.20 2.66 0.00	31.66 2.18 0.00	28.02 1.95 0.00	24.69 1.51 0.00	22.48 1.35 0.00
MENANDS___115KV_TB5 355628	22.87 0.90 0.00	20.91 0.77 0.00	20.86 0.78 0.00	20.73 0.80 0.00	21.01 0.81 0.00	24.74 0.93 0.00	33.74 1.30 0.00	36.76 1.38 0.00	30.58 1.23 0.00	26.83 1.08 0.00	24.70 1.00 0.00	24.26 1.00 0.00	24.36 1.03 0.00	25.94 1.07 0.00	26.64 1.15 0.00	28.80 1.32 0.00	33.42 1.50 0.00	46.52 2.26 0.00	41.34 1.97 0.00	36.24 1.69 0.00	30.96 1.47 0.00	27.34 1.28 0.00	24.28 1.09 0.00	22.02 0.89 0.00
MG INDUSTRY___DRP 24185	22.76 0.79 0.00	20.80 0.66 0.00	20.76 0.68 0.00	20.63 0.70 0.00	20.91 0.71 0.00	24.62 0.81 0.00	33.58 1.14 0.00	36.52 1.13 0.00	30.32 0.97 0.00	26.57 0.82 0.00	24.47 0.76 0.00	24.00 0.74 0.00	24.10 0.77 0.00	25.67 0.80 0.00	26.39 0.89 0.00	28.53 1.04 0.00	33.10 1.18 0.00	46.12 1.86 0.00	40.99 1.61 0.00	35.96 1.42 0.00	30.69 1.21 0.00	27.13 1.07 0.00	24.09 0.90 0.00	21.87 0.74 0.00



MID___OSWEGATCHIE_HYD 23849	22.83 0.86 0.00	21.03 0.89 0.00	21.00 0.92 0.00	20.83 0.90 0.00	21.11 0.91 0.00	24.95 1.14 0.00	34.52 2.08 0.00	37.61 2.23 0.00	30.76 1.41 0.00	26.75 1.00 0.00	24.42 0.71 0.00	23.89 0.63 0.00	23.75 0.42 0.00	25.40 0.52 0.00	25.98 0.48 0.00	28.25 0.77 0.00	33.04 1.12 0.00	46.52 2.26 0.00	41.40 2.17 0.13	32.83 1.93 3.65	26.81 1.21 3.88	22.98 0.96 4.04	21.62 0.46 2.03	18.94 0.51 2.70
MID___RAQUETTE_HYD 23851	23.11 1.14 0.00	21.31 1.17 0.00	21.29 1.20 0.00	21.13 1.20 0.00	21.41 1.21 0.00	25.41 1.60 0.00	35.30 2.86 0.00	38.46 3.08 0.00	31.32 1.97 0.00	27.14 1.39 0.00	24.75 1.04 0.00	24.17 0.91 0.00	24.03 0.70 0.00	25.72 0.85 0.00	26.26 0.76 0.00	28.50 1.02 0.00	33.39 1.47 0.00	47.09 2.83 0.00	41.85 2.68 0.20	31.31 2.38 5.61	25.04 1.53 5.97	21.07 1.22 6.22	20.69 0.63 3.13	17.64 0.66 4.15
MILLIKEN___1 23584	22.02 0.04 0.00	20.20 0.06 0.00	20.10 0.02 0.00	19.91 -0.02 0.00	20.22 0.02 0.00	23.91 0.10 0.00	32.61 0.16 0.00	35.63 0.25 0.00	29.58 0.23 0.00	25.90 0.15 0.00	23.83 0.12 0.00	23.33 0.07 0.00	23.36 0.02 0.00	24.95 0.07 0.00	25.60 0.10 0.00	27.56 0.08 0.00	32.15 0.22 0.00	44.44 0.18 0.00	39.65 0.28 0.00	34.75 0.21 0.00	29.60 0.12 0.00	26.17 0.10 0.00	23.26 0.07 0.00	21.22 0.08 0.00
MILLIKEN___2 23585	22.02 0.04 0.00	20.20 0.06 0.00	20.10 0.02 0.00	19.91 -0.02 0.00	20.22 0.02 0.00	23.91 0.10 0.00	32.61 0.16 0.00	35.63 0.25 0.00	29.58 0.23 0.00	25.90 0.15 0.00	23.83 0.12 0.00	23.33 0.07 0.00	23.36 0.02 0.00	24.95 0.07 0.00	25.60 0.10 0.00	27.56 0.08 0.00	32.15 0.22 0.00	44.44 0.18 0.00	39.65 0.28 0.00	34.75 0.21 0.00	29.60 0.12 0.00	26.17 0.10 0.00	23.26 0.07 0.00	21.22 0.08 0.00
MILLIKEN___DIESEL 23629	22.02 0.04 0.00	20.20 0.06 0.00	20.10 0.02 0.00	19.91 -0.02 0.00	20.22 0.02 0.00	23.91 0.10 0.00	32.61 0.16 0.00	35.63 0.25 0.00	29.58 0.23 0.00	25.90 0.15 0.00	23.83 0.12 0.00	23.33 0.07 0.00	23.36 0.02 0.00	24.95 0.07 0.00	25.60 0.10 0.00	27.56 0.08 0.00	32.15 0.22 0.00	44.44 0.18 0.00	39.65 0.28 0.00	34.75 0.21 0.00	29.60 0.12 0.00	26.17 0.10 0.00	23.26 0.07 0.00	21.22 0.08 0.00
MILLSEAT___LFGE 323607	20.67 -1.30 0.00	19.01 -1.13 0.00	18.94 -1.14 0.00	18.58 -1.36 0.00	18.89 -1.31 0.00	22.45 -1.36 0.00	30.63 -1.82 0.00	33.26 -2.12 0.00	27.91 -1.44 0.00	24.49 -1.26 0.00	22.88 -0.83 0.00	22.30 -0.95 0.00	22.40 -0.93 0.00	23.98 -0.89 0.00	24.47 -1.02 0.00	25.70 -1.79 0.00	30.01 -1.91 0.00	40.23 -4.03 0.00	36.14 -3.23 0.00	31.88 -2.66 0.00	27.18 -2.30 0.00	24.26 -1.80 0.00	21.75 -1.44 0.00	20.22 -0.91 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	23.11 1.14 0.00	21.09 0.95 0.00	21.04 0.96 0.00	20.89 0.96 0.00	21.17 0.97 0.00	24.98 1.17 0.00	34.07 1.62 0.00	37.15 1.77 0.00	30.99 1.64 0.00	27.29 1.54 0.00	25.13 1.42 0.00	24.72 1.47 0.00	24.87 1.54 0.00	26.39 1.52 0.00	27.07 1.58 0.00	29.32 1.84 0.00	34.03 2.11 0.00	47.36 3.10 0.00	42.09 2.72 0.00	36.89 2.35 0.00	31.60 2.12 0.00	27.91 1.85 0.00	24.83 1.65 0.00	22.36 1.23 0.00
MILLWOOD_13_KV_LOAD 356217	23.18 1.21 0.00	21.17 1.03 0.00	21.11 1.02 0.00	20.95 1.02 0.00	21.21 1.01 0.00	25.05 1.24 0.00	34.17 1.72 0.00	37.30 1.91 0.00	31.11 1.76 0.00	27.34 1.60 0.00	25.18 1.47 0.00	24.79 1.54 0.00	24.92 1.59 0.00	26.47 1.59 0.00	27.15 1.66 0.00	29.43 1.95 0.00	34.12 2.20 0.00	47.53 3.28 0.00	42.21 2.83 0.00	37.03 2.49 0.00	31.69 2.21 0.00	28.02 1.95 0.00	24.88 1.69 0.00	22.40 1.27 0.00
MODEL_CITY_ENERGY 24167	20.10 -1.87 0.00	18.49 -1.65 0.00	18.46 -1.63 0.00	18.10 -1.83 0.00	18.38 -1.82 0.00	21.76 -2.05 0.00	29.69 -2.76 0.00	32.02 -3.36 0.00	26.94 -2.41 0.00	23.71 -2.03 0.00	22.19 -1.52 0.00	21.65 -1.60 0.00	21.77 -1.56 0.00	23.28 -1.59 0.00	23.71 -1.79 0.00	24.93 -2.56 0.00	29.05 -2.87 0.00	38.68 -5.58 0.01	34.88 -4.49 0.00	30.85 -3.70 0.00	26.33 -3.15 0.00	23.56 -2.50 0.00	21.10 -2.09 0.00	19.72 -1.42 0.00
MODERN_LFGE___ 323580	20.10 -1.87 0.00	18.49 -1.65 0.00	18.46 -1.63 0.00	18.10 -1.83 0.00	18.38 -1.82 0.00	21.76 -2.05 0.00	29.69 -2.76 0.00	32.02 -3.36 0.00	26.94 -2.41 0.00	23.71 -2.03 0.00	22.19 -1.52 0.00	21.65 -1.60 0.00	21.77 -1.56 0.00	23.28 -1.59 0.00	23.71 -1.79 0.00	24.93 -2.56 0.00	29.05 -2.87 0.00	38.68 -5.58 0.01	34.88 -4.49 0.00	30.85 -3.70 0.00	26.33 -3.15 0.00	23.56 -2.50 0.00	21.10 -2.09 0.00	19.72 -1.42 0.00
MOHAWK_PAPER___DRP 24187	22.94 0.97 0.00	20.95 0.81 0.00	20.90 0.82 0.00	20.77 0.84 0.00	21.05 0.85 0.00	24.79 0.98 0.00	33.84 1.40 0.00	36.87 1.49 0.00	30.64 1.29 0.00	26.91 1.16 0.00	24.75 1.04 0.00	24.31 1.05 0.00	24.41 1.07 0.00	25.99 1.12 0.00	26.69 1.20 0.00	28.86 1.37 0.00	33.49 1.56 0.00	46.65 2.39 0.00	41.50 2.13 0.00	36.34 1.80 0.00	31.04 1.56 0.00	27.42 1.36 0.00	24.32 1.14 0.00	22.08 0.95 0.00
MOHICAN___35_KV_115KV_LD 80490	23.07 1.10 0.00	21.05 0.91 0.00	20.94 0.86 0.00	20.83 0.90 0.00	21.13 0.93 0.00	24.91 1.10 0.00	34.10 1.65 0.00	37.01 1.63 0.00	30.70 1.35 0.00	26.91 1.16 0.00	24.77 1.07 0.00	24.31 1.05 0.00	24.31 0.98 0.00	25.92 1.04 0.00	26.67 1.17 0.00	28.83 1.35 0.00	33.45 1.53 0.00	46.91 2.66 0.00	41.69 2.32 0.00	36.41 1.87 0.00	31.04 1.56 0.00	27.39 1.33 0.00	24.30 1.11 0.00	22.48 1.35 0.00
MONGAUP___HYD 23641	23.05 1.08 0.00	21.01 0.87 0.00	20.94 0.86 0.00	20.85 0.92 0.00	21.13 0.93 0.00	24.95 1.14 0.00	33.97 1.53 0.00	36.98 1.59 0.00	30.73 1.38 0.00	26.91 1.16 0.00	24.75 1.04 0.00	24.24 0.98 0.00	24.39 1.05 0.00	25.92 1.04 0.00	26.64 1.15 0.00	28.83 1.35 0.00	33.58 1.66 0.00	46.91 2.66 0.00	41.73 2.36 0.00	36.62 2.07 0.00	31.31 1.83 0.00	27.63 1.56 0.00	24.60 1.41 0.00	22.21 1.08 0.00
MONTAUK___DIESEL 23721	23.49 1.52 0.00	21.49 1.35 0.00	21.67 1.59 0.00	21.47 1.53 0.00	21.37 1.17 0.00	25.50 1.69 0.00	34.09 1.65 0.01	37.76 2.37 0.00	31.49 2.14 0.00	28.07 2.32 0.00	26.10 2.39 0.00	25.86 2.51 -0.09	25.74 2.40 0.00	28.61 2.61 -1.12	29.77 2.91 -1.37	30.81 3.33 0.00	36.92 4.44 -0.56	55.03 5.84 -4.93	44.25 4.88 0.00	38.45 3.90 0.00	32.75 3.27 0.00	30.26 2.95 -1.26	28.45 2.46 -2.81	23.60 1.99 -0.49
MOONROAD_115KV_HARTFLD_TB1-2 355988	20.50 -1.47 0.00	18.79 -1.35 0.00	18.66 -1.43 0.00	18.40 -1.53 0.00	18.77 -1.43 0.00	22.17 -1.64 0.00	30.37 -2.08 0.00	33.16 -2.23 0.00	27.76 -1.58 0.00	24.33 -1.42 0.00	22.81 -0.90 0.00	22.21 -1.05 0.00	22.28 -1.05 0.00	23.95 -0.92 0.00	24.37 -1.12 0.00	25.67 -1.81 0.00	29.88 -2.04 0.00	39.87 -4.38 0.01	35.91 -3.46 0.00	31.68 -2.87 0.00	26.92 -2.56 0.00	24.03 -2.03 0.00	21.49 -1.69 0.00	19.80 -1.33 0.00



MORRIS_RIDGE___SOLAR 323848	20.85 -1.12 0.00	19.15 -0.99 0.00	19.06 -1.02 0.00	18.76 -1.18 0.00	19.05 -1.15 0.00	22.55 -1.26 0.00	30.82 -1.62 0.00	33.51 -1.88 0.00	28.03 -1.32 0.00	24.62 -1.13 0.00	22.92 -0.78 0.00	22.38 -0.88 0.00	22.50 -0.84 0.00	24.03 -0.85 0.00	24.50 -0.99 0.00	25.97 -1.51 0.00	30.26 -1.66 0.00	40.76 -3.50 0.00	36.61 -2.76 0.00	32.26 -2.28 0.00	27.51 -1.97 0.00	24.50 -1.56 0.00	21.87 -1.32 0.00	20.16 -0.97 0.00
MORTIMER_115KV_TB3 55949	20.96 -1.01 0.00	19.25 -0.89 0.00	19.04 -1.04 0.00	18.88 -1.06 0.00	19.19 -1.01 0.00	22.79 -1.02 0.00	30.89 -1.56 0.00	33.76 -1.63 0.00	28.20 -1.14 0.00	24.72 -1.03 0.00	22.97 -0.73 0.00	22.47 -0.79 0.00	22.47 -0.86 0.00	24.10 -0.77 0.00	24.68 -0.82 0.00	26.14 -1.35 0.00	30.49 -1.44 0.00	41.47 -2.79 0.00	37.05 -2.32 0.00	32.57 -1.97 0.00	27.74 -1.74 0.00	24.68 -1.38 0.00	22.07 -1.11 0.00	20.35 -0.78 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	23.27 1.30 0.00	21.21 1.07 0.00	21.13 1.04 0.00	20.99 1.06 0.00	21.23 1.03 0.00	25.10 1.29 0.00	34.20 1.75 0.00	37.33 1.95 0.00	31.20 1.85 0.00	27.50 1.75 0.00	25.32 1.61 0.00	24.98 1.72 0.00	25.13 1.80 0.00	26.64 1.77 0.00	27.28 1.78 0.00	29.60 2.12 0.00	34.28 2.36 0.00	47.71 3.45 0.00	42.36 2.99 0.00	37.17 2.63 0.00	31.87 2.39 0.00	28.12 2.06 0.00	25.04 1.85 0.00	22.53 1.39 0.00
MUNSVILLE_WIND_PWR 323609	23.44 1.47 0.00	21.53 1.39 0.00	21.51 1.43 0.00	21.23 1.29 0.00	21.51 1.31 0.00	25.60 1.79 0.00	35.20 2.76 0.00	38.22 2.83 0.00	31.55 2.20 0.00	27.60 1.85 0.00	25.18 1.47 0.00	24.65 1.40 0.00	24.55 1.21 0.00	26.29 1.42 0.00	27.02 1.53 0.00	29.49 2.01 0.00	34.51 2.58 0.00	48.11 3.85 0.00	42.76 3.39 0.00	37.38 2.83 0.00	31.49 2.01 0.00	27.76 1.69 0.00	24.30 1.11 0.00	22.25 1.12 0.00
N SALMON___HYD 24042	22.52 0.55 0.00	20.77 0.63 0.00	20.66 0.58 0.00	20.55 0.62 0.00	20.81 0.61 0.00	24.62 0.81 0.00	34.20 1.75 0.00	37.36 1.98 0.00	30.44 1.09 0.00	26.50 0.75 0.00	24.23 0.52 0.00	23.68 0.42 0.00	23.68 0.35 0.00	25.32 0.45 0.00	25.80 0.31 0.00	27.73 0.25 0.00	32.27 0.35 0.00	44.83 0.57 0.00	39.38 0.39 0.38	24.37 0.42 10.59	18.33 0.12 11.26	14.35 0.03 11.74	17.10 -0.19 5.90	13.12 -0.19 7.83
N.AKRON__115KV_KNAPP 355671	20.65 -1.32 0.00	18.99 -1.15 0.00	18.76 -1.33 0.00	18.58 -1.36 0.00	18.89 -1.31 0.00	22.45 -1.36 0.00	30.47 -1.98 0.00	33.23 -2.16 0.00	27.91 -1.44 0.00	24.44 -1.31 0.00	22.88 -0.83 0.00	22.31 -0.95 0.00	22.31 -1.03 0.00	23.98 -0.90 0.00	24.47 -1.02 0.00	25.70 -1.79 0.00	29.97 -1.95 0.00	40.18 -4.07 0.00	36.10 -3.27 0.00	31.88 -2.66 0.00	27.09 -2.39 0.00	24.21 -1.85 0.00	21.73 -1.46 0.00	20.16 -0.97 0.00
N.BELMOR_69_KV_BK1 55787	23.16 1.19 0.00	21.15 1.01 0.00	21.15 1.06 0.00	20.97 1.04 0.00	21.09 0.89 0.00	25.07 1.26 0.00	33.64 1.20 0.01	37.19 1.80 0.00	31.02 1.67 0.00	27.78 2.03 0.00	25.72 2.02 0.00	25.52 2.14 -0.12	25.48 2.15 0.00	28.66 2.24 -1.55	29.65 2.27 -1.89	29.98 2.50 0.00	35.60 2.90 -0.77	55.17 4.12 -6.79	42.99 3.62 0.00	37.65 3.11 0.00	32.25 2.77 0.00	30.37 2.58 -1.73	28.32 2.32 -2.81	23.46 1.84 -0.49
N.E_GEN_SANDY PD 24062	25.68 1.10 -2.61	24.49 0.93 -3.42	25.00 0.96 -3.96	23.92 1.00 -2.99	27.60 0.99 -6.41	32.55 1.17 -7.57	45.01 1.59 -10.97	51.00 1.73 -13.88	43.63 1.55 -12.73	31.10 1.42 -3.94	29.30 1.30 -4.29	29.50 1.33 -4.92	30.60 1.35 -5.91	32.40 1.37 -6.16	33.86 1.43 -6.94	37.29 1.65 -8.16	46.66 1.88 -12.86	51.15 2.79 -4.10	49.00 2.44 -7.19	43.28 2.14 -6.59	43.05 1.86 -11.71	36.46 1.64 -8.75	29.00 1.44 -4.37	25.00 1.18 -2.68
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	23.09 1.12 0.00	21.07 0.93 0.00	21.02 0.94 0.00	20.89 0.96 0.00	21.15 0.95 0.00	24.95 1.14 0.00	34.00 1.56 0.00	37.12 1.73 0.00	30.93 1.58 0.00	27.22 1.47 0.00	25.06 1.35 0.00	24.65 1.40 0.00	24.80 1.47 0.00	26.32 1.44 0.00	26.97 1.48 0.00	29.21 1.73 0.00	33.93 2.01 0.00	47.27 3.01 0.00	42.01 2.64 0.00	36.86 2.31 0.00	31.55 2.06 0.00	27.86 1.80 0.00	24.79 1.60 0.00	22.32 1.18 0.00
N.QUEENS_27_KV_LOAD 356247	23.49 1.52 0.00	21.35 1.21 0.00	21.25 1.16 0.00	21.11 1.18 0.00	21.35 1.15 0.00	25.21 1.40 0.00	34.36 1.91 0.00	37.47 2.09 0.00	31.34 2.00 0.00	27.65 1.91 0.00	25.39 1.68 0.00	25.10 1.84 0.00	25.27 1.94 0.00	26.74 1.87 0.00	27.41 1.91 0.00	29.82 2.34 0.00	34.38 2.46 0.00	47.89 3.63 0.00	42.48 3.11 0.00	37.31 2.76 0.00	32.13 2.65 0.00	28.30 2.24 0.00	25.32 2.13 0.00	22.72 1.58 0.00
N.TROY___115KV_TB1 355778	22.98 1.01 0.00	21.01 0.87 0.00	20.96 0.88 0.00	20.81 0.88 0.00	21.09 0.89 0.00	24.86 1.05 0.00	33.94 1.49 0.00	36.98 1.59 0.00	30.73 1.38 0.00	26.96 1.21 0.00	24.84 1.14 0.00	24.38 1.12 0.00	24.45 1.12 0.00	26.04 1.17 0.00	26.74 1.25 0.00	28.91 1.43 0.00	33.55 1.63 0.00	46.74 2.48 0.00	41.54 2.17 0.00	36.41 1.87 0.00	31.07 1.59 0.00	27.47 1.41 0.00	24.39 1.21 0.00	22.17 1.04 0.00
NARROWS_GT1_1 24228	23.38 1.41 0.00	21.25 1.11 0.00	21.10 1.02 0.00	21.01 1.08 0.00	21.25 1.05 0.00	25.09 1.28 0.00	34.04 1.59 0.00	37.22 1.84 0.00	31.23 1.88 0.00	27.52 1.78 0.00	25.30 1.59 0.00	25.00 1.75 0.00	25.16 1.82 0.00	26.67 1.79 0.00	27.33 1.84 0.00	29.74 2.25 0.00	34.28 2.36 0.00	47.75 3.50 0.00	42.33 2.95 0.00	37.17 2.62 0.00	32.02 2.54 0.00	28.17 2.11 0.00	25.20 2.02 0.00	22.67 1.54 0.00
NARROWS_GT1_2 24229	23.38 1.41 0.00	21.25 1.11 0.00	21.10 1.02 0.00	21.01 1.08 0.00	21.25 1.05 0.00	25.09 1.28 0.00	34.04 1.59 0.00	37.22 1.84 0.00	31.23 1.88 0.00	27.52 1.78 0.00	25.30 1.59 0.00	25.00 1.75 0.00	25.16 1.82 0.00	26.67 1.79 0.00	27.33 1.84 0.00	29.74 2.25 0.00	34.28 2.36 0.00	47.75 3.50 0.00	42.33 2.95 0.00	37.17 2.62 0.00	32.02 2.54 0.00	28.17 2.11 0.00	25.20 2.02 0.00	22.67 1.54 0.00
NARROWS_GT1_3 24230	23.38 1.41 0.00	21.25 1.11 0.00	21.10 1.02 0.00	21.01 1.08 0.00	21.25 1.05 0.00	25.09 1.28 0.00	34.04 1.59 0.00	37.22 1.84 0.00	31.23 1.88 0.00	27.52 1.78 0.00	25.30 1.59 0.00	25.00 1.75 0.00	25.16 1.82 0.00	26.67 1.79 0.00	27.33 1.84 0.00	29.74 2.25 0.00	34.28 2.36 0.00	47.75 3.50 0.00	42.33 2.95 0.00	37.17 2.62 0.00	32.02 2.54 0.00	28.17 2.11 0.00	25.20 2.02 0.00	22.67 1.54 0.00
NARROWS_GT1_4 24231	23.38 1.41 0.00	21.25 1.11 0.00	21.10 1.02 0.00	21.01 1.08 0.00	21.25 1.05 0.00	25.09 1.28 0.00	34.04 1.59 0.00	37.22 1.84 0.00	31.23 1.88 0.00	27.52 1.78 0.00	25.30 1.59 0.00	25.00 1.75 0.00	25.16 1.82 0.00	26.67 1.79 0.00	27.33 1.84 0.00	29.74 2.25 0.00	34.28 2.36 0.00	47.75 3.50 0.00	42.33 2.95 0.00	37.17 2.62 0.00	32.02 2.54 0.00	28.17 2.11 0.00	25.20 2.02 0.00	22.67 1.54 0.00



NARROWS_GT1_5 24232	23.38 1.41 0.00	21.25 1.11 0.00	21.10 1.02 0.00	21.01 1.08 0.00	21.25 1.05 0.00	25.09 1.28 0.00	34.04 1.59 0.00	37.22 1.84 0.00	31.23 1.88 0.00	27.52 1.78 0.00	25.30 1.59 0.00	25.00 1.75 0.00	25.16 1.82 0.00	26.67 1.79 0.00	27.33 1.84 0.00	29.74 2.25 0.00	34.28 2.36 0.00	47.75 3.50 0.00	42.33 2.95 0.00	37.17 2.62 0.00	32.02 2.54 0.00	28.17 2.11 0.00	25.20 2.02 0.00	22.67 1.54 0.00
NARROWS_GT1_6 24233	23.38 1.41 0.00	21.25 1.11 0.00	21.10 1.02 0.00	21.01 1.08 0.00	21.25 1.05 0.00	25.09 1.28 0.00	34.04 1.59 0.00	37.22 1.84 0.00	31.23 1.88 0.00	27.52 1.78 0.00	25.30 1.59 0.00	25.00 1.75 0.00	25.16 1.82 0.00	26.67 1.79 0.00	27.33 1.84 0.00	29.74 2.25 0.00	34.28 2.36 0.00	47.75 3.50 0.00	42.33 2.95 0.00	37.17 2.62 0.00	32.02 2.54 0.00	28.17 2.11 0.00	25.20 2.02 0.00	22.67 1.54 0.00
NARROWS_GT1_7 24234	23.38 1.41 0.00	21.25 1.11 0.00	21.10 1.02 0.00	21.01 1.08 0.00	21.25 1.05 0.00	25.09 1.28 0.00	34.04 1.59 0.00	37.22 1.84 0.00	31.23 1.88 0.00	27.52 1.78 0.00	25.30 1.59 0.00	25.00 1.75 0.00	25.16 1.82 0.00	26.67 1.79 0.00	27.33 1.84 0.00	29.74 2.25 0.00	34.28 2.36 0.00	47.75 3.50 0.00	42.33 2.95 0.00	37.17 2.62 0.00	32.02 2.54 0.00	28.17 2.11 0.00	25.20 2.02 0.00	22.67 1.54 0.00
NARROWS_GT1_8 24235	23.38 1.41 0.00	21.25 1.11 0.00	21.10 1.02 0.00	21.01 1.08 0.00	21.25 1.05 0.00	25.09 1.28 0.00	34.04 1.59 0.00	37.22 1.84 0.00	31.23 1.88 0.00	27.52 1.78 0.00	25.30 1.59 0.00	25.00 1.75 0.00	25.16 1.82 0.00	26.67 1.79 0.00	27.33 1.84 0.00	29.74 2.25 0.00	34.28 2.36 0.00	47.75 3.50 0.00	42.33 2.95 0.00	37.17 2.62 0.00	32.02 2.54 0.00	28.17 2.11 0.00	25.20 2.02 0.00	22.67 1.54 0.00
NARROWS_GT2_1 24236	23.38 1.41 0.00	21.25 1.11 0.00	21.10 1.02 0.00	21.01 1.08 0.00	21.25 1.05 0.00	25.09 1.28 0.00	34.04 1.59 0.00	37.22 1.84 0.00	31.23 1.88 0.00	27.52 1.78 0.00	25.30 1.59 0.00	25.00 1.75 0.00	25.16 1.82 0.00	26.67 1.79 0.00	27.33 1.84 0.00	29.74 2.25 0.00	34.28 2.36 0.00	47.75 3.50 0.00	42.33 2.95 0.00	37.17 2.62 0.00	32.02 2.54 0.00	28.17 2.11 0.00	25.20 2.02 0.00	22.67 1.54 0.00
NARROWS_GT2_2 24237	23.38 1.41 0.00	21.25 1.11 0.00	21.10 1.02 0.00	21.01 1.08 0.00	21.25 1.05 0.00	25.09 1.28 0.00	34.04 1.59 0.00	37.22 1.84 0.00	31.23 1.88 0.00	27.52 1.78 0.00	25.30 1.59 0.00	25.00 1.75 0.00	25.16 1.82 0.00	26.67 1.79 0.00	27.33 1.84 0.00	29.74 2.25 0.00	34.28 2.36 0.00	47.75 3.50 0.00	42.33 2.95 0.00	37.17 2.62 0.00	32.02 2.54 0.00	28.17 2.11 0.00	25.20 2.02 0.00	22.67 1.54 0.00
NARROWS_GT2_3 24238	23.38 1.41 0.00	21.25 1.11 0.00	21.10 1.02 0.00	21.01 1.08 0.00	21.25 1.05 0.00	25.09 1.28 0.00	34.04 1.59 0.00	37.22 1.84 0.00	31.23 1.88 0.00	27.52 1.78 0.00	25.30 1.59 0.00	25.00 1.75 0.00	25.16 1.82 0.00	26.67 1.79 0.00	27.33 1.84 0.00	29.74 2.25 0.00	34.28 2.36 0.00	47.75 3.50 0.00	42.33 2.95 0.00	37.17 2.62 0.00	32.02 2.54 0.00	28.17 2.11 0.00	25.20 2.02 0.00	22.67 1.54 0.00
NARROWS_GT2_4 24239	23.38 1.41 0.00	21.25 1.11 0.00	21.10 1.02 0.00	21.01 1.08 0.00	21.25 1.05 0.00	25.09 1.28 0.00	34.04 1.59 0.00	37.22 1.84 0.00	31.23 1.88 0.00	27.52 1.78 0.00	25.30 1.59 0.00	25.00 1.75 0.00	25.16 1.82 0.00	26.67 1.79 0.00	27.33 1.84 0.00	29.74 2.25 0.00	34.28 2.36 0.00	47.75 3.50 0.00	42.33 2.95 0.00	37.17 2.62 0.00	32.02 2.54 0.00	28.17 2.11 0.00	25.20 2.02 0.00	22.67 1.54 0.00
NARROWS_GT2_5 24240	23.38 1.41 0.00	21.25 1.11 0.00	21.10 1.02 0.00	21.01 1.08 0.00	21.25 1.05 0.00	25.09 1.28 0.00	34.04 1.59 0.00	37.22 1.84 0.00	31.23 1.88 0.00	27.52 1.78 0.00	25.30 1.59 0.00	25.00 1.75 0.00	25.16 1.82 0.00	26.67 1.79 0.00	27.33 1.84 0.00	29.74 2.25 0.00	34.28 2.36 0.00	47.75 3.50 0.00	42.33 2.95 0.00	37.17 2.62 0.00	32.02 2.54 0.00	28.17 2.11 0.00	25.20 2.02 0.00	22.67 1.54 0.00
NARROWS_GT2_6 24241	23.38 1.41 0.00	21.25 1.11 0.00	21.10 1.02 0.00	21.01 1.08 0.00	21.25 1.05 0.00	25.09 1.28 0.00	34.04 1.59 0.00	37.22 1.84 0.00	31.23 1.88 0.00	27.52 1.78 0.00	25.30 1.59 0.00	25.00 1.75 0.00	25.16 1.82 0.00	26.67 1.79 0.00	27.33 1.84 0.00	29.74 2.25 0.00	34.28 2.36 0.00	47.75 3.50 0.00	42.33 2.95 0.00	37.17 2.62 0.00	32.02 2.54 0.00	28.17 2.11 0.00	25.20 2.02 0.00	22.67 1.54 0.00
NARROWS_GT2_7 24242	23.38 1.41 0.00	21.25 1.11 0.00	21.10 1.02 0.00	21.01 1.08 0.00	21.25 1.05 0.00	25.09 1.28 0.00	34.04 1.59 0.00	37.22 1.84 0.00	31.23 1.88 0.00	27.52 1.78 0.00	25.30 1.59 0.00	25.00 1.75 0.00	25.16 1.82 0.00	26.67 1.79 0.00	27.33 1.84 0.00	29.74 2.25 0.00	34.28 2.36 0.00	47.75 3.50 0.00	42.33 2.95 0.00	37.17 2.62 0.00	32.02 2.54 0.00	28.17 2.11 0.00	25.20 2.02 0.00	22.67 1.54 0.00
NARROWS_GT2_8 24243	23.38 1.41 0.00	21.25 1.11 0.00	21.10 1.02 0.00	21.01 1.08 0.00	21.25 1.05 0.00	25.09 1.28 0.00	34.04 1.59 0.00	37.22 1.84 0.00	31.23 1.88 0.00	27.52 1.78 0.00	25.30 1.59 0.00	25.00 1.75 0.00	25.16 1.82 0.00	26.67 1.79 0.00	27.33 1.84 0.00	29.74 2.25 0.00	34.28 2.36 0.00	47.75 3.50 0.00	42.33 2.95 0.00	37.17 2.62 0.00	32.02 2.54 0.00	28.17 2.11 0.00	25.20 2.02 0.00	22.67 1.54 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	23.11 1.14 0.00	21.07 0.93 0.00	21.04 0.96 0.00	20.93 1.00 0.00	21.25 1.05 0.00	25.07 1.26 0.00	34.26 1.82 0.00	37.12 1.73 0.00	30.76 1.41 0.00	26.80 1.06 0.00	24.63 0.92 0.00	24.03 0.77 0.00	24.15 0.82 0.00	25.75 0.87 0.00	26.54 1.05 0.00	28.75 1.26 0.00	33.49 1.56 0.00	46.96 2.70 0.00	41.77 2.40 0.00	36.55 2.00 0.00	31.16 1.68 0.00	27.47 1.41 0.00	24.37 1.18 0.00	22.13 0.99 0.00
NCHELSEA_115KV_TR2 355582	23.16 1.19 0.00	21.13 0.99 0.00	21.11 1.02 0.00	20.97 1.04 0.00	21.25 1.05 0.00	25.10 1.29 0.00	34.20 1.75 0.00	37.30 1.91 0.00	31.05 1.70 0.00	27.24 1.49 0.00	25.08 1.37 0.00	24.58 1.33 0.00	24.78 1.45 0.00	26.29 1.42 0.00	27.02 1.53 0.00	29.27 1.79 0.00	34.00 2.07 0.00	47.45 3.19 0.00	42.17 2.80 0.00	36.96 2.42 0.00	31.63 2.15 0.00	27.94 1.88 0.00	24.81 1.62 0.00	22.34 1.20 0.00
NEG CAPITAL___MECHNVIL 23645	23.11 1.14 0.00	21.11 0.97 0.00	21.03 0.94 0.00	20.91 0.98 0.00	21.19 0.99 0.00	24.98 1.17 0.00	34.16 1.72 0.00	37.12 1.73 0.00	30.82 1.47 0.00	27.04 1.29 0.00	24.89 1.18 0.00	24.42 1.16 0.00	24.48 1.14 0.00	26.12 1.24 0.00	26.84 1.35 0.00	29.02 1.54 0.00	33.68 1.75 0.00	47.05 2.79 0.00	41.81 2.44 0.00	36.58 2.04 0.00	31.19 1.71 0.00	27.55 1.48 0.00	24.44 1.25 0.00	22.19 1.06 0.00



NEG CENTRAL_HIGH_ACRES 23767	20.70 -1.27 0.00	19.01 -1.13 0.00	18.92 -1.17 0.00	18.66 -1.28 0.00	18.95 -1.25 0.00	22.50 -1.31 0.00	30.60 -1.85 0.00	33.40 -1.98 0.00	27.88 -1.47 0.00	24.44 -1.31 0.00	22.64 -1.07 0.00	22.17 -1.09 0.00	22.21 -1.12 0.00	23.78 -1.09 0.00	24.35 -1.15 0.00	25.86 -1.62 0.00	30.17 -1.76 0.00	41.21 -3.05 0.00	36.77 -2.60 0.00	32.26 -2.28 0.00	27.53 -1.95 0.00	24.42 -1.64 0.00	21.82 -1.37 0.00	20.08 -1.06 0.00
NEG CENTRAL___DRP 24199	21.51 -0.46 0.00	19.74 -0.40 0.00	19.60 -0.48 0.00	19.44 -0.50 0.00	19.74 -0.46 0.00	23.38 -0.43 0.00	31.83 -0.62 0.00	34.75 -0.64 0.00	28.97 -0.38 0.00	25.36 -0.39 0.00	23.40 -0.31 0.00	22.91 -0.35 0.00	22.94 -0.40 0.00	24.53 -0.35 0.00	25.11 -0.38 0.00	26.91 -0.58 0.00	31.35 -0.57 0.00	43.02 -1.24 0.00	38.43 -0.94 0.00	33.71 -0.83 0.00	28.80 -0.68 0.00	25.49 -0.57 0.00	22.70 -0.49 0.00	20.75 -0.38 0.00
NEG CENTRAL___INDECK 23768	21.47 -0.50 0.00	19.72 -0.42 0.00	19.60 -0.48 0.00	19.28 -0.66 0.00	19.62 -0.59 0.00	23.38 -0.43 0.00	31.89 -0.55 0.00	34.96 -0.42 0.00	29.06 -0.29 0.00	25.31 -0.44 0.00	23.40 -0.31 0.00	22.79 -0.46 0.00	22.77 -0.56 0.00	24.45 -0.42 0.00	25.06 -0.43 0.00	26.58 -0.91 0.00	31.13 -0.80 0.00	42.49 -1.77 0.00	38.11 -1.26 0.00	33.47 -1.07 0.00	28.51 -0.97 0.00	25.31 -0.76 0.00	22.61 -0.58 0.00	20.77 -0.36 0.00
NEG CENTRAL___SENECA 23627	21.47 -0.51 0.00	19.70 -0.44 0.00	19.54 -0.54 0.00	19.36 -0.58 0.00	19.70 -0.51 0.00	23.36 -0.45 0.00	31.83 -0.62 0.00	34.71 -0.67 0.00	29.00 -0.35 0.00	25.36 -0.39 0.00	23.45 -0.26 0.00	22.91 -0.35 0.00	22.94 -0.40 0.00	24.55 -0.32 0.00	25.14 -0.36 0.00	26.85 -0.63 0.00	31.32 -0.61 0.00	42.67 -1.59 0.00	38.23 -1.14 0.00	33.51 -1.04 0.00	28.69 -0.80 0.00	25.41 -0.65 0.00	22.63 -0.56 0.00	20.69 -0.44 0.00
NEG CENTRAL___STATE_STREET 24147	21.66 -0.31 0.00	19.88 -0.26 0.00	19.78 -0.30 0.00	19.60 -0.34 0.00	19.90 -0.30 0.00	23.55 -0.26 0.00	32.02 -0.42 0.00	35.00 -0.39 0.00	29.11 -0.23 0.00	25.52 -0.23 0.00	23.49 -0.21 0.00	23.03 -0.23 0.00	23.05 -0.28 0.00	24.65 -0.22 0.00	25.29 -0.20 0.00	27.18 -0.30 0.00	31.63 -0.29 0.00	43.68 -0.58 0.00	38.98 -0.39 0.00	34.13 -0.41 0.00	29.10 -0.38 0.00	25.75 -0.31 0.00	22.91 -0.28 0.00	20.94 -0.19 0.00
NEG MILLWOOD___DRP 24198	23.29 1.32 0.00	21.27 1.13 0.00	21.23 1.14 0.00	21.07 1.14 0.00	21.37 1.17 0.00	25.21 1.40 0.00	34.49 2.04 0.00	37.79 2.41 0.00	31.49 2.14 0.00	27.50 1.75 0.00	25.34 1.64 0.00	24.91 1.65 0.00	25.01 1.68 0.00	26.62 1.74 0.00	27.35 1.86 0.00	29.71 2.23 0.00	34.44 2.52 0.00	48.11 3.85 0.00	42.68 3.31 0.00	37.38 2.83 0.00	31.93 2.45 0.00	28.30 2.24 0.00	25.02 1.83 0.00	22.53 1.39 0.00
NEG NORTH_FLCN_SEA 23793	22.28 0.31 0.00	20.52 0.38 0.00	20.36 0.28 0.00	20.29 0.36 0.00	20.55 0.34 0.00	24.29 0.48 0.00	33.71 1.27 0.00	36.87 1.49 0.00	30.02 0.68 0.00	26.19 0.44 0.00	23.94 0.24 0.00	23.44 0.19 0.00	23.50 0.16 0.00	25.10 0.22 0.00	25.47 -0.03 0.00	27.21 -0.27 0.00	31.51 -0.41 0.00	42.71 -1.55 0.00	37.41 -1.50 0.47	20.65 -1.07 12.82	14.81 -1.03 13.64	10.84 -1.02 14.21	15.33 -0.72 7.14	10.92 -0.74 9.48
NEG NORTH_KES_CHATEGAY 23792	22.12 0.15 0.00	20.36 0.22 0.00	20.26 0.18 0.00	20.15 0.22 0.00	20.40 0.20 0.00	24.10 0.29 0.00	33.29 0.84 0.00	36.38 0.99 0.00	29.70 0.35 0.00	25.93 0.18 0.00	23.73 0.02 0.00	23.24 -0.02 0.00	23.29 -0.05 0.00	24.90 0.02 0.00	25.37 -0.13 0.00	27.15 -0.33 0.00	31.51 -0.41 0.00	43.42 -0.84 0.00	38.02 -0.91 0.45	21.51 -0.76 12.27	15.69 -0.74 13.05	11.76 -0.70 13.60	15.68 -0.67 6.84	11.39 -0.68 9.07
NEG NORTH___ALICE_FALLS 23915	22.39 0.42 0.00	20.62 0.48 0.00	20.46 0.38 0.00	20.39 0.46 0.00	20.65 0.44 0.00	24.43 0.62 0.00	33.97 1.52 0.00	37.15 1.77 0.00	30.20 0.85 0.00	26.31 0.57 0.00	24.09 0.38 0.00	23.56 0.30 0.00	23.59 0.26 0.00	25.25 0.37 0.00	25.62 0.13 0.00	27.37 -0.11 0.00	31.76 -0.16 0.00	43.33 -0.93 0.00	37.92 -0.98 0.46	21.12 -0.69 12.73	15.20 -0.74 13.55	11.22 -0.73 14.11	15.49 -0.60 7.09	11.09 -0.63 9.41
NEG NORTH___LWR_SARANAC 23913	22.39 0.42 0.00	20.62 0.48 0.00	20.46 0.38 0.00	20.39 0.46 0.00	20.65 0.44 0.00	24.43 0.62 0.00	33.97 1.52 0.00	37.15 1.77 0.00	30.20 0.85 0.00	26.31 0.57 0.00	24.09 0.38 0.00	23.56 0.30 0.00	23.59 0.26 0.00	25.25 0.37 0.00	25.62 0.13 0.00	27.37 -0.11 0.00	31.76 -0.16 0.00	43.33 -0.93 0.00	37.92 -0.98 0.46	21.12 -0.69 12.73	15.20 -0.74 13.55	11.22 -0.73 14.11	15.49 -0.60 7.09	11.09 -0.63 9.41
NEG NORTH___PLATTSBURG 23628	22.39 0.42 0.00	20.62 0.48 0.00	20.46 0.38 0.00	20.39 0.46 0.00	20.65 0.44 0.00	24.43 0.62 0.00	33.97 1.53 0.00	37.15 1.77 0.00	30.20 0.85 0.00	26.31 0.57 0.00	24.08 0.38 0.00	23.56 0.30 0.00	23.59 0.26 0.00	25.25 0.37 0.00	25.62 0.13 0.00	27.37 -0.11 0.00	31.76 -0.16 0.00	43.33 -0.93 0.00	37.93 -0.98 0.46	21.12 -0.69 12.73	15.20 -0.74 13.55	11.22 -0.73 14.11	15.49 -0.60 7.09	11.09 -0.63 9.41
NEG WEST_LEA_LOCKPORT 23791	20.35 -1.63 0.00	18.71 -1.43 0.00	18.51 -1.57 0.00	18.30 -1.63 0.00	18.61 -1.60 0.00	22.02 -1.79 0.00	29.88 -2.56 0.00	32.45 -2.94 0.00	27.29 -2.05 0.00	24.00 -1.75 0.00	22.47 -1.23 0.00	21.91 -1.35 0.00	21.93 -1.40 0.00	23.58 -1.29 0.00	24.01 -1.48 0.00	25.26 -2.23 0.00	29.40 -2.52 0.00	39.16 -5.09 0.00	35.32 -4.06 0.00	31.23 -3.32 0.00	26.59 -2.89 0.00	23.80 -2.27 0.00	21.36 -1.83 0.00	19.86 -1.27 0.00
NEG WEST___LANCASTR 23811	21.09 -0.88 0.00	19.37 -0.77 0.00	19.22 -0.86 0.00	19.00 -0.94 0.00	19.33 -0.87 0.00	22.86 -0.95 0.00	31.21 -1.23 0.00	33.97 -1.42 0.00	28.47 -0.88 0.00	24.98 -0.77 0.00	23.35 -0.36 0.00	22.77 -0.49 0.00	22.84 -0.49 0.00	24.48 -0.40 0.00	24.91 -0.59 0.00	26.30 -1.18 0.00	30.68 -1.24 0.00	41.07 -3.19 0.01	37.05 -2.32 0.00	32.75 -1.80 0.00	27.86 -1.62 0.00	24.86 -1.20 0.00	22.26 -0.93 0.00	20.54 -0.59 0.00
NEG_PENN_ALLEGHNY 23528	21.86 -0.11 0.00	20.06 -0.08 0.00	19.98 -0.10 0.00	19.80 -0.14 0.00	20.10 -0.10 0.00	23.74 -0.07 0.00	32.38 -0.06 0.00	35.35 -0.04 0.00	29.41 0.06 0.00	25.80 0.05 0.00	23.80 0.10 0.00	23.31 0.05 0.00	23.38 0.05 0.00	24.95 0.07 0.00	25.54 0.05 0.00	27.43 -0.05 0.00	31.95 0.03 0.00	43.95 -0.31 0.00	39.29 -0.08 0.00	34.51 -0.03 0.00	29.42 -0.06 0.00	26.06 0.00 0.00	23.19 0.00 0.00	21.17 0.04 0.00
NEG___GEN_MONROE 24207	20.96 -1.01 0.00	19.25 -0.89 0.00	19.02 -1.06 0.00	18.86 -1.08 0.00	19.19 -1.01 0.00	22.81 -1.00 0.00	30.86 -1.59 0.00	33.72 -1.66 0.00	28.18 -1.17 0.00	24.69 -1.06 0.00	22.97 -0.73 0.00	22.44 -0.81 0.00	22.45 -0.89 0.00	24.08 -0.80 0.00	24.60 -0.89 0.00	26.03 -1.46 0.00	30.29 -1.63 0.00	41.16 -3.10 0.00	36.81 -2.56 0.00	32.47 -2.07 0.00	27.65 -1.83 0.00	24.60 -1.46 0.00	22.00 -1.18 0.00	20.33 -0.80 0.00



NEPA__ENERGY 23901	20.89 -1.08 0.00	19.21 -0.93 0.00	19.06 -1.02 0.00	18.82 -1.12 0.00	19.15 -1.05 0.00	22.64 -1.17 0.00	30.95 -1.49 0.00	33.69 -1.70 0.00	28.23 -1.12 0.00	24.74 -1.00 0.00	23.14 -0.57 0.00	22.56 -0.70 0.00	22.63 -0.70 0.00	24.23 -0.65 0.00	24.65 -0.84 0.00	26.05 -1.43 0.00	30.39 -1.53 0.00	40.71 -3.54 0.01	36.77 -2.60 0.00	32.51 -2.04 0.00	27.68 -1.80 0.00	24.68 -1.38 0.00	22.10 -1.09 0.00	20.33 -0.80 0.00
NEVERSink__HYD 23608	23.09 1.12 0.00	21.07 0.93 0.00	21.03 0.94 0.00	20.91 0.98 0.00	21.21 1.01 0.00	25.05 1.24 0.00	34.13 1.69 0.00	37.15 1.77 0.00	30.93 1.58 0.00	27.09 1.34 0.00	24.94 1.23 0.00	24.40 1.14 0.00	24.55 1.21 0.00	26.09 1.22 0.00	26.82 1.32 0.00	29.05 1.57 0.00	33.80 1.88 0.00	47.22 2.97 0.00	41.97 2.60 0.00	36.82 2.28 0.00	31.46 1.98 0.00	27.76 1.69 0.00	24.69 1.51 0.00	22.32 1.18 0.00
NEWKRMKL_115KV_TB1 55635	22.81 0.83 0.00	20.84 0.70 0.00	20.80 0.72 0.00	20.65 0.72 0.00	20.93 0.73 0.00	24.67 0.86 0.00	33.65 1.20 0.00	36.66 1.27 0.00	30.46 1.12 0.00	26.75 1.00 0.00	24.63 0.92 0.00	24.17 0.91 0.00	24.27 0.93 0.00	25.87 0.99 0.00	26.54 1.05 0.00	28.69 1.21 0.00	33.29 1.37 0.00	46.38 2.12 0.00	41.22 1.85 0.00	36.13 1.59 0.00	30.87 1.39 0.00	27.26 1.20 0.00	24.18 1.00 0.00	21.94 0.80 0.00
NEWTON__FALLS_HYD 23847	22.83 0.86 0.00	21.03 0.89 0.00	21.00 0.92 0.00	20.83 0.90 0.00	21.11 0.91 0.00	24.95 1.14 0.00	34.52 2.08 0.00	37.61 2.23 0.00	30.76 1.41 0.00	26.75 1.00 0.00	24.42 0.71 0.00	23.89 0.63 0.00	23.75 0.42 0.00	25.40 0.52 0.00	25.98 0.48 0.00	28.25 0.77 0.00	33.04 1.12 0.00	46.52 2.26 0.00	41.40 2.17 0.13	32.83 1.93 3.65	26.81 1.21 3.88	22.98 0.96 4.04	21.62 0.46 2.03	18.94 0.51 2.70
NGRID_A1_DSASP 323792	20.06 -1.91 0.00	18.45 -1.69 0.00	18.39 -1.69 0.00	18.04 -1.89 0.00	18.32 -1.88 0.00	21.69 -2.12 0.00	29.53 -2.92 0.00	31.81 -3.57 0.00	26.80 -2.55 0.00	23.61 -2.14 0.00	22.09 -1.61 0.00	21.56 -1.70 0.00	21.68 -1.66 0.00	23.16 -1.72 0.00	23.58 -1.91 0.00	24.82 -2.67 0.00	28.89 -3.03 0.00	38.41 -5.84 0.01	34.65 -4.73 0.00	30.71 -3.84 0.00	26.18 -3.30 0.00	23.48 -2.58 0.00	21.03 -2.16 0.00	19.65 -1.48 0.00
NGRID_A2_DSASP 323793	20.06 -1.91 0.00	18.45 -1.69 0.00	18.39 -1.69 0.00	18.04 -1.89 0.00	18.32 -1.88 0.00	21.69 -2.12 0.00	29.53 -2.92 0.00	31.81 -3.57 0.00	26.80 -2.55 0.00	23.61 -2.14 0.00	22.09 -1.61 0.00	21.56 -1.70 0.00	21.68 -1.66 0.00	23.16 -1.72 0.00	23.58 -1.91 0.00	24.82 -2.67 0.00	28.89 -3.03 0.00	38.41 -5.84 0.01	34.65 -4.73 0.00	30.71 -3.84 0.00	26.18 -3.30 0.00	23.48 -2.58 0.00	21.03 -2.16 0.00	19.65 -1.48 0.00
NGRID_A4_DSASP 323807	20.06 -1.91 0.00	18.45 -1.69 0.00	18.39 -1.69 0.00	18.04 -1.89 0.00	18.32 -1.88 0.00	21.69 -2.12 0.00	29.53 -2.92 0.00	31.81 -3.57 0.00	26.80 -2.55 0.00	23.61 -2.14 0.00	22.09 -1.61 0.00	21.56 -1.70 0.00	21.68 -1.66 0.00	23.16 -1.72 0.00	23.58 -1.91 0.00	24.82 -2.67 0.00	28.89 -3.03 0.00	38.41 -5.84 0.01	34.65 -4.73 0.00	30.71 -3.84 0.00	26.18 -3.30 0.00	23.48 -2.58 0.00	21.03 -2.16 0.00	19.65 -1.48 0.00
NIAGARA_115E_LBMP 323715	19.97 -2.00 0.00	18.39 -1.75 0.00	18.33 -1.75 0.00	17.98 -1.95 0.00	18.26 -1.94 0.00	21.62 -2.19 0.00	29.46 -2.98 0.00	31.74 -3.64 0.00	26.74 -2.61 0.00	23.56 -2.19 0.00	22.02 -1.68 0.00	21.49 -1.77 0.00	21.61 -1.73 0.00	23.11 -1.77 0.00	23.53 -1.96 0.00	24.76 -2.72 0.00	28.83 -3.10 0.00	38.32 -5.93 0.01	34.61 -4.77 0.00	30.64 -3.90 0.00	26.12 -3.36 0.00	23.40 -2.66 0.00	20.96 -2.23 0.00	19.59 -1.54 0.00
NIAGARA_115W_LBMP 323714	20.02 -1.96 0.00	18.41 -1.73 0.00	18.35 -1.73 0.00	18.00 -1.93 0.00	18.28 -1.92 0.00	21.64 -2.17 0.00	29.46 -2.98 0.00	31.74 -3.64 0.00	26.74 -2.61 0.00	23.56 -2.19 0.00	22.05 -1.66 0.00	21.49 -1.77 0.00	21.61 -1.73 0.00	23.11 -1.77 0.00	23.53 -1.96 0.00	24.76 -2.72 0.00	28.83 -3.10 0.00	38.32 -5.93 0.01	34.61 -4.77 0.00	30.64 -3.90 0.00	26.15 -3.33 0.00	23.43 -2.63 0.00	20.98 -2.20 0.00	19.61 -1.52 0.00
NIAGARA_230_LBMP 323716	20.19 -1.78 0.00	18.59 -1.55 0.00	18.51 -1.57 0.00	18.18 -1.75 0.00	18.46 -1.74 0.00	21.86 -1.95 0.00	29.79 -2.66 0.00	32.06 -3.33 0.00	27.00 -2.35 0.00	23.79 -1.96 0.00	22.24 -1.47 0.00	21.70 -1.56 0.00	21.82 -1.52 0.00	23.31 -1.57 0.00	23.73 -1.76 0.00	25.01 -2.47 0.00	29.11 -2.81 0.00	38.76 -5.49 0.01	35.00 -4.37 0.00	30.99 -3.56 0.00	26.45 -3.04 0.00	23.67 -2.40 0.00	21.19 -1.99 0.00	19.80 -1.33 0.00
NIAGARA__115KV_198_GIBSON 55903	20.02 -1.96 0.00	18.41 -1.73 0.00	18.21 -1.87 0.00	18.00 -1.93 0.00	18.28 -1.92 0.00	21.64 -2.17 0.00	29.33 -3.11 0.00	31.74 -3.64 0.00	26.74 -2.61 0.00	23.51 -2.24 0.00	22.05 -1.66 0.00	21.49 -1.77 0.00	21.54 -1.80 0.00	23.11 -1.77 0.00	23.53 -1.96 0.00	24.79 -2.69 0.00	28.83 -3.10 0.00	38.32 -5.93 0.01	34.61 -4.76 0.00	30.64 -3.90 0.00	26.09 -3.39 0.00	23.38 -2.68 0.00	20.98 -2.20 0.00	19.57 -1.56 0.00
NIAGARA____ 23760	20.19 -1.78 0.00	18.59 -1.55 0.00	18.51 -1.57 0.00	18.18 -1.75 0.00	18.46 -1.74 0.00	21.86 -1.95 0.00	29.79 -2.66 0.00	32.06 -3.33 0.00	27.00 -2.35 0.00	23.79 -1.96 0.00	22.24 -1.47 0.00	21.70 -1.56 0.00	21.82 -1.52 0.00	23.31 -1.57 0.00	23.73 -1.76 0.00	25.01 -2.47 0.00	29.11 -2.81 0.00	38.76 -5.49 0.01	35.00 -4.37 0.00	30.99 -3.56 0.00	26.45 -3.04 0.00	23.67 -2.40 0.00	21.19 -1.99 0.00	19.80 -1.33 0.00
NINE_MILE_1 23575	21.20 -0.77 0.00	19.48 -0.66 0.00	19.42 -0.66 0.00	19.24 -0.70 0.00	19.52 -0.69 0.00	23.00 -0.81 0.00	31.21 -1.23 0.00	34.04 -1.34 0.00	28.26 -1.09 0.00	24.80 -0.95 0.00	22.85 -0.85 0.00	22.40 -0.86 0.00	22.47 -0.86 0.00	23.98 -0.89 0.00	24.58 -0.92 0.00	26.44 -1.04 0.00	30.74 -1.18 0.00	42.53 -1.73 0.00	37.84 -1.54 0.00	33.20 -1.35 0.00	28.33 -1.15 0.00	25.07 -0.99 0.00	22.33 -0.86 0.00	20.46 -0.68 0.00
NINE_MILE_2 23744	21.20 -0.77 0.00	19.48 -0.66 0.00	19.42 -0.66 0.00	19.24 -0.70 0.00	19.52 -0.69 0.00	23.00 -0.81 0.00	31.21 -1.23 0.00	34.04 -1.34 0.00	28.26 -1.09 0.00	24.80 -0.95 0.00	22.85 -0.85 0.00	22.40 -0.86 0.00	22.47 -0.86 0.00	23.98 -0.89 0.00	24.58 -0.92 0.00	26.44 -1.04 0.00	30.74 -1.18 0.00	42.53 -1.73 0.00	37.88 -1.50 0.00	33.20 -1.35 0.00	28.33 -1.15 0.00	25.07 -0.99 0.00	22.33 -0.86 0.00	20.46 -0.68 0.00
NM_CAPITAL__DRP 24208	22.85 0.88 0.00	20.87 0.73 0.00	20.84 0.76 0.00	20.69 0.76 0.00	20.97 0.77 0.00	24.71 0.90 0.00	33.71 1.27 0.00	36.73 1.34 0.00	30.52 1.17 0.00	26.80 1.06 0.00	24.68 0.97 0.00	24.24 0.98 0.00	24.34 1.00 0.00	25.92 1.04 0.00	26.59 1.10 0.00	28.75 1.26 0.00	33.36 1.44 0.00	46.47 2.21 0.00	41.30 1.93 0.00	36.20 1.66 0.00	30.93 1.44 0.00	27.31 1.25 0.00	24.25 1.07 0.00	22.00 0.87 0.00



NM_CENTRAL___DRP 24181	21.55 -0.42 0.00	19.78 -0.36 0.00	19.68 -0.40 0.00	19.52 -0.42 0.00	19.80 -0.40 0.00	23.38 -0.43 0.00	31.76 -0.68 0.00	34.68 -0.71 0.00	28.82 -0.53 0.00	25.28 -0.46 0.00	23.30 -0.40 0.00	22.84 -0.42 0.00	22.87 -0.47 0.00	24.43 -0.45 0.00	25.06 -0.43 0.00	26.96 -0.52 0.00	31.35 -0.57 0.00	43.33 -0.93 0.00	38.62 -0.75 0.00	33.85 -0.69 0.00	28.86 -0.62 0.00	25.54 -0.52 0.00	22.72 -0.46 0.00	20.82 -0.32 0.00
NM_FRONTIER___DRP 24179	20.02 -1.96 0.00	18.41 -1.73 0.00	18.21 -1.87 0.00	18.00 -1.93 0.00	18.28 -1.92 0.00	21.64 -2.17 0.00	29.33 -3.11 0.00	31.74 -3.64 0.00	26.74 -2.61 0.00	23.51 -2.24 0.00	22.05 -1.66 0.00	21.49 -1.77 0.00	21.54 -1.80 0.00	23.11 -1.77 0.00	23.53 -1.96 0.00	24.79 -2.69 0.00	28.83 -3.10 0.00	38.32 -5.93 0.01	34.61 -4.76 0.00	30.64 -3.90 0.00	26.09 -3.39 0.00	23.38 -2.68 0.00	20.98 -2.20 0.00	19.57 -1.56 0.00
NM_ST_REGIS___HYD 24053	22.96 0.99 0.00	21.17 1.03 0.00	21.13 1.04 0.00	20.99 1.06 0.00	21.25 1.05 0.00	25.21 1.40 0.00	35.04 2.60 0.00	38.22 2.83 0.00	31.08 1.73 0.00	26.98 1.24 0.00	24.61 0.90 0.00	24.05 0.79 0.00	23.94 0.61 0.00	25.62 0.75 0.00	26.13 0.64 0.00	28.31 0.82 0.00	33.10 1.18 0.00	46.52 2.26 0.00	41.22 2.09 0.24	29.77 1.87 6.64	23.60 1.18 7.06	19.62 0.91 7.36	19.88 0.39 3.70	16.65 0.42 4.91
NORTHPORT___1 23551	23.05 1.08 0.00	21.03 0.89 0.00	21.01 0.92 0.00	20.77 0.84 0.00	20.99 0.79 0.00	24.95 1.14 0.00	33.09 0.65 0.01	36.80 1.42 0.00	30.70 1.35 0.00	27.58 1.83 0.00	25.65 1.94 0.00	25.46 2.12 -0.09	25.36 2.03 0.00	28.12 2.14 -1.11	29.01 2.17 -1.35	29.90 2.42 0.00	35.28 2.81 -0.55	52.87 3.76 -4.86	42.76 3.39 0.00	37.45 2.90 0.00	31.96 2.48 0.00	29.75 2.45 -1.24	28.39 2.39 -2.81	23.56 1.94 -0.49
NORTHPORT___2 23552	23.05 1.08 0.00	21.03 0.89 0.00	21.01 0.92 0.00	20.77 0.84 0.00	20.99 0.79 0.00	24.95 1.14 0.00	33.09 0.65 0.01	36.80 1.42 0.00	30.70 1.35 0.00	27.58 1.83 0.00	25.65 1.94 0.00	25.46 2.12 -0.09	25.36 2.03 0.00	28.12 2.14 -1.11	29.01 2.17 -1.35	29.90 2.42 0.00	35.28 2.81 -0.55	52.87 3.76 -4.86	42.76 3.39 0.00	37.45 2.90 0.00	31.96 2.48 0.00	29.75 2.45 -1.24	28.39 2.39 -2.81	23.56 1.94 -0.49
NORTHPORT___3 23553	23.07 1.10 0.00	21.05 0.91 0.00	20.99 0.90 0.00	20.79 0.86 0.00	20.99 0.79 0.00	24.91 1.10 0.00	32.96 0.52 0.01	36.62 1.24 0.00	30.52 1.18 0.00	27.60 1.85 0.00	25.65 1.94 0.00	25.44 2.09 -0.09	25.39 2.05 0.00	28.17 2.19 -1.11	28.96 2.11 -1.35	29.74 2.25 0.00	35.00 2.52 -0.55	52.61 3.50 -4.85	42.44 3.07 0.00	37.20 2.66 0.00	31.78 2.30 0.00	29.59 2.29 -1.24	28.27 2.27 -2.81	23.50 1.88 -0.49
NORTHPORT___4 23650	23.07 1.10 0.00	21.05 0.91 0.00	20.99 0.90 0.00	20.79 0.86 0.00	20.99 0.79 0.00	24.91 1.10 0.00	32.96 0.52 0.01	36.62 1.24 0.00	30.52 1.18 0.00	27.60 1.85 0.00	25.65 1.94 0.00	25.44 2.09 -0.09	25.39 2.05 0.00	28.17 2.19 -1.11	28.96 2.11 -1.35	29.74 2.25 0.00	35.00 2.52 -0.55	52.61 3.50 -4.85	42.44 3.07 0.00	37.20 2.66 0.00	31.78 2.30 0.00	29.59 2.29 -1.24	28.27 2.27 -2.81	23.50 1.88 -0.49
NORTHPORT___IC 23718	23.05 1.08 0.00	21.05 0.91 0.00	21.11 1.02 0.00	20.91 0.98 0.00	20.99 0.79 0.00	25.00 1.19 0.00	33.18 0.75 0.01	36.80 1.42 0.00	30.70 1.35 0.00	27.71 1.96 0.00	25.65 1.94 0.00	25.46 2.12 -0.09	25.39 2.05 0.00	28.12 2.14 -1.11	29.01 2.17 -1.35	29.79 2.31 0.00	35.28 2.81 -0.55	52.88 3.76 -4.86	42.76 3.39 0.00	37.44 2.90 0.00	32.08 2.59 0.00	29.80 2.50 -1.24	28.36 2.37 -2.81	23.48 1.86 -0.49
NORTH___COUNTRY_ESR 323785	22.08 0.11 0.00	20.30 0.16 0.00	20.20 0.12 0.00	20.09 0.16 0.00	20.34 0.14 0.00	24.02 0.21 0.00	33.16 0.71 0.00	36.23 0.85 0.00	29.61 0.26 0.00	25.85 0.10 0.00	23.68 -0.02 0.00	23.21 -0.05 0.00	23.24 -0.09 0.00	24.85 -0.02 0.00	25.29 -0.20 0.00	27.10 -0.38 0.00	31.41 -0.51 0.00	43.28 -0.97 0.00	37.87 -1.06 0.45	21.42 -0.86 12.26	15.62 -0.83 13.04	11.67 -0.81 13.59	15.64 -0.72 6.83	11.35 -0.72 9.06
NPX_GEN_1385_PROXY 323591	23.18 1.21 0.00	21.15 1.01 0.00	21.12 1.04 0.00	20.89 0.96 0.00	21.19 0.99 0.00	25.36 1.55 0.00	33.64 1.20 0.01	37.76 2.37 0.00	31.29 1.94 0.00	27.91 2.16 0.00	26.01 2.30 0.00	25.84 2.49 -0.09	25.72 2.38 0.00	28.30 2.31 -1.11	29.24 2.40 -1.35	30.15 2.67 0.00	35.79 3.32 -0.55	51.47 3.90 -3.32	44.93 4.02 -1.54	38.14 3.59 0.00	32.34 2.86 0.00	30.01 2.71 -1.24	28.52 2.53 -2.81	23.69 2.07 -0.49
NPX_GEN_CSC 323557	22.98 1.01 0.00	20.99 0.85 0.00	21.08 1.00 0.00	20.73 0.80 0.00	20.91 0.71 0.00	24.88 1.07 0.00	33.15 0.71 0.01	36.84 1.45 0.00	30.70 1.35 0.00	27.19 1.44 0.00	25.39 1.68 0.00	25.14 1.79 -0.09	25.02 1.68 0.00	27.84 1.84 -1.12	29.06 2.19 -1.37	30.48 3.00 0.00	36.12 3.64 -0.56	52.29 4.65 -3.39	44.97 4.06 -1.54	37.93 3.39 0.00	32.46 2.98 0.00	30.19 2.87 -1.26	28.64 2.64 -2.81	23.82 2.20 -0.49
NSINS_S___GLNS_FALLS 23858	23.03 1.05 0.00	21.01 0.87 0.00	20.90 0.82 0.00	20.79 0.86 0.00	21.09 0.89 0.00	24.86 1.05 0.00	34.04 1.59 0.00	36.94 1.56 0.00	30.64 1.29 0.00	26.86 1.11 0.00	24.75 1.04 0.00	24.26 1.00 0.00	24.27 0.93 0.00	25.87 0.99 0.00	26.62 1.12 0.00	28.77 1.29 0.00	33.39 1.47 0.00	46.83 2.57 0.00	41.62 2.24 0.00	36.34 1.80 0.00	30.96 1.47 0.00	27.34 1.28 0.00	24.25 1.07 0.00	22.48 1.35 0.00
NUCOR_STEEL___DRP 24197	21.71 -0.26 0.00	19.92 -0.22 0.00	19.80 -0.28 0.00	19.63 -0.30 0.00	19.94 -0.26 0.00	23.57 -0.24 0.00	32.02 -0.42 0.00	35.00 -0.39 0.00	29.11 -0.23 0.00	25.52 -0.23 0.00	23.49 -0.21 0.00	23.03 -0.23 0.00	23.05 -0.28 0.00	24.65 -0.22 0.00	25.29 -0.20 0.00	27.18 -0.30 0.00	31.63 -0.29 0.00	43.68 -0.58 0.00	38.98 -0.39 0.00	34.13 -0.41 0.00	29.10 -0.38 0.00	25.75 -0.31 0.00	22.93 -0.26 0.00	20.96 -0.17 0.00
NUMBER_THREE_WT_PWR 323818	22.65 0.68 0.00	20.83 0.69 0.00	20.80 0.72 0.00	20.63 0.70 0.00	20.91 0.71 0.00	24.50 0.69 0.00	33.75 1.30 0.00	36.69 1.31 0.00	30.23 0.88 0.00	26.39 0.64 0.00	24.13 0.43 0.00	23.63 0.37 0.00	23.54 0.21 0.00	25.15 0.27 0.00	25.77 0.28 0.00	28.06 0.58 0.00	32.75 0.83 0.00	45.98 1.72 0.00	40.98 1.65 0.05	34.74 1.45 1.25	29.04 0.88 1.33	25.41 0.73 1.38	22.82 0.32 0.70	20.57 0.36 0.92
NYISO_LBMP_REFERENCE 24008	21.97 0.00 0.00	20.14 0.00 0.00	20.08 0.00 0.00	19.93 0.00 0.00	20.20 0.00 0.00	23.81 0.00 0.00	32.45 0.00 0.00	35.38 0.00 0.00	29.35 0.00 0.00	25.75 0.00 0.00	23.71 0.00 0.00	23.26 0.00 0.00	23.33 0.00 0.00	24.88 0.00 0.00	25.49 0.00 0.00	27.48 0.00 0.00	31.92 0.00 0.00	44.26 0.00 0.00	39.37 0.00 0.00	34.54 0.00 0.00	29.48 0.00 0.00	26.06 0.00 0.00	23.19 0.00 0.00	21.13 0.00 0.00



NYPA_BRENTWD____GT 24164	23.22 1.25 0.00	21.19 1.05 0.00	21.16 1.08 0.00	20.93 1.00 0.00	21.13 0.93 0.00	25.14 1.33 0.00	33.45 1.01 0.01	37.19 1.80 0.00	30.99 1.64 0.00	27.76 2.01 0.00	25.84 2.13 0.00	25.65 2.30 -0.09	25.55 2.22 0.00	28.38 2.36 -1.14	29.33 2.45 -1.39	30.26 2.77 0.00	35.78 3.29 -0.57	53.73 4.47 -5.00	43.35 3.97 0.00	37.93 3.39 0.00	32.34 2.86 0.00	30.13 2.79 -1.28	28.59 2.60 -2.81	23.77 2.16 -0.49
NYPA_GOWANUS____GT5 24156	23.38 1.41 0.00	21.25 1.11 0.00	21.10 1.02 0.00	21.01 1.08 0.00	21.25 1.05 0.00	25.09 1.28 0.00	34.04 1.59 0.00	37.22 1.84 0.00	31.23 1.88 0.00	27.52 1.78 0.00	25.30 1.59 0.00	25.00 1.75 0.00	25.16 1.82 0.00	26.67 1.79 0.00	27.33 1.84 0.00	29.74 2.25 0.00	34.28 2.36 0.00	47.75 3.50 0.00	42.33 2.95 0.00	37.17 2.62 0.00	32.02 2.54 0.00	28.17 2.11 0.00	25.20 2.02 0.00	22.67 1.54 0.00
NYPA_GOWANUS____GT6 24157	23.38 1.41 0.00	21.25 1.11 0.00	21.10 1.02 0.00	21.01 1.08 0.00	21.25 1.05 0.00	25.09 1.28 0.00	34.04 1.59 0.00	37.22 1.84 0.00	31.23 1.88 0.00	27.52 1.78 0.00	25.30 1.59 0.00	25.00 1.75 0.00	25.16 1.82 0.00	26.67 1.79 0.00	27.33 1.84 0.00	29.74 2.25 0.00	34.28 2.36 0.00	47.75 3.50 0.00	42.33 2.95 0.00	37.17 2.62 0.00	32.02 2.54 0.00	28.17 2.11 0.00	25.20 2.02 0.00	22.67 1.54 0.00
NYPA_HARLEM_RVR_GT1 24160	23.45 1.47 -0.01	21.31 1.17 0.00	21.16 1.08 0.00	21.09 1.16 0.00	21.31 1.11 0.00	25.17 1.36 0.00	34.23 1.78 0.00	37.36 1.98 0.00	31.26 1.91 0.00	27.58 1.83 0.00	25.34 1.63 0.00	25.05 1.79 0.00	25.18 1.84 0.00	26.67 1.79 0.00	27.33 1.84 0.00	29.76 2.28 0.00	34.28 2.36 0.00	47.75 3.50 0.00	42.36 2.99 0.00	37.20 2.66 0.00	32.05 2.56 0.00	28.23 2.16 0.00	25.30 2.11 0.00	22.76 1.63 0.00
NYPA_HARLEM_RVR_GT2 24161	23.45 1.47 -0.01	21.31 1.17 0.00	21.16 1.08 0.00	21.09 1.16 0.00	21.31 1.11 0.00	25.17 1.36 0.00	34.23 1.78 0.00	37.36 1.98 0.00	31.26 1.91 0.00	27.58 1.83 0.00	25.34 1.63 0.00	25.05 1.79 0.00	25.18 1.84 0.00	26.67 1.79 0.00	27.33 1.84 0.00	29.76 2.28 0.00	34.28 2.36 0.00	47.75 3.50 0.00	42.36 2.99 0.00	37.20 2.66 0.00	32.05 2.56 0.00	28.23 2.16 0.00	25.30 2.11 0.00	22.76 1.63 0.00
NYPA_KENT____GT 24152	23.36 1.39 0.00	21.23 1.09 0.00	21.10 1.02 0.00	21.01 1.08 0.00	21.25 1.05 0.00	25.09 1.28 0.00	34.10 1.65 0.00	37.26 1.87 0.00	31.23 1.88 0.00	27.52 1.78 0.00	25.32 1.61 0.00	25.03 1.77 0.00	25.16 1.82 0.00	26.67 1.79 0.00	27.33 1.84 0.00	29.71 2.23 0.00	34.28 2.36 0.00	47.71 3.45 0.00	42.33 2.95 0.00	37.17 2.62 0.00	31.99 2.50 0.00	28.17 2.11 0.00	25.18 1.99 0.00	22.67 1.54 0.00
NYPA_POUCH1____GT 24155	23.40 1.43 0.00	21.27 1.13 0.00	21.12 1.04 0.00	21.03 1.10 0.00	21.27 1.07 0.00	25.09 1.28 0.00	33.87 1.43 0.00	37.01 1.63 0.00	31.14 1.79 0.00	27.42 1.67 0.00	25.20 1.49 0.00	24.91 1.65 0.00	25.06 1.73 0.00	26.57 1.69 0.00	27.23 1.73 0.00	29.65 2.17 0.00	34.12 2.20 0.00	47.53 3.28 0.00	42.17 2.80 0.00	37.00 2.45 0.00	31.96 2.48 0.00	28.15 2.09 0.00	25.20 2.02 0.00	22.67 1.54 0.00
NYPA_VERNON____GT2 24162	23.33 1.36 0.00	21.23 1.09 0.00	21.10 1.02 0.00	21.01 1.08 0.00	21.25 1.05 0.00	25.12 1.31 0.00	34.13 1.69 0.00	37.29 1.91 0.00	31.26 1.91 0.00	27.55 1.80 0.00	25.34 1.63 0.00	25.03 1.77 0.00	25.16 1.82 0.00	26.67 1.79 0.00	27.33 1.84 0.00	29.68 2.20 0.00	34.28 2.36 0.00	47.71 3.45 0.00	42.33 2.95 0.00	37.17 2.62 0.00	31.93 2.45 0.00	28.15 2.09 0.00	25.16 1.97 0.00	22.65 1.52 0.00
NYPA_VERNON____GT3 24163	23.33 1.36 0.00	21.23 1.09 0.00	21.10 1.02 0.00	21.01 1.08 0.00	21.25 1.05 0.00	25.12 1.31 0.00	34.13 1.69 0.00	37.29 1.91 0.00	31.26 1.91 0.00	27.55 1.80 0.00	25.34 1.63 0.00	25.03 1.77 0.00	25.16 1.82 0.00	26.67 1.79 0.00	27.33 1.84 0.00	29.68 2.20 0.00	34.28 2.36 0.00	47.71 3.45 0.00	42.33 2.95 0.00	37.17 2.62 0.00	31.93 2.45 0.00	28.15 2.09 0.00	25.16 1.97 0.00	22.65 1.52 0.00
NYPA____ASTORIA_CC1 323568	23.31 1.34 0.00	21.21 1.07 0.00	21.08 1.00 0.00	20.99 1.06 0.00	21.23 1.03 0.00	25.09 1.28 0.00	34.10 1.65 0.00	37.22 1.84 0.00	31.20 1.85 0.00	27.50 1.75 0.00	25.32 1.61 0.00	25.00 1.75 0.00	25.13 1.80 0.00	26.64 1.77 0.00	27.30 1.81 0.00	29.65 2.17 0.00	34.25 2.33 0.00	47.62 3.36 0.00	42.24 2.87 0.00	37.10 2.56 0.00	31.90 2.42 0.00	28.12 2.06 0.00	25.14 1.95 0.00	22.65 1.52 0.00
NYPA____ASTORIA_CC2 323569	23.31 1.34 0.00	21.21 1.07 0.00	21.08 1.00 0.00	20.99 1.06 0.00	21.23 1.03 0.00	25.09 1.28 0.00	34.10 1.65 0.00	37.22 1.84 0.00	31.20 1.85 0.00	27.50 1.75 0.00	25.32 1.61 0.00	25.00 1.75 0.00	25.13 1.80 0.00	26.64 1.77 0.00	27.30 1.81 0.00	29.65 2.17 0.00	34.25 2.33 0.00	47.62 3.36 0.00	42.24 2.87 0.00	37.10 2.56 0.00	31.90 2.42 0.00	28.12 2.06 0.00	25.14 1.95 0.00	22.65 1.52 0.00
NYPA____HOLTSVILL 23794	23.03 1.05 0.00	21.05 0.91 0.00	21.03 0.94 0.00	20.77 0.84 0.00	20.97 0.77 0.00	24.95 1.14 0.00	33.15 0.71 0.01	36.87 1.49 0.00	30.76 1.41 0.00	27.50 1.75 0.00	25.60 1.90 0.00	25.40 2.05 -0.09	25.29 1.96 0.00	28.09 2.09 -1.12	29.08 2.22 -1.37	30.12 2.64 0.00	35.61 3.13 -0.56	53.34 4.16 -4.92	43.03 3.66 0.00	37.65 3.11 0.00	32.14 2.65 0.00	29.92 2.61 -1.25	28.50 2.50 -2.81	23.69 2.07 -0.49
NYPA____HELLGATE_GT1 24158	23.45 1.47 -0.01	21.31 1.17 0.00	21.16 1.08 0.00	21.09 1.16 0.00	21.31 1.11 0.00	25.17 1.36 0.00	34.23 1.78 0.00	37.36 1.98 0.00	31.26 1.91 0.00	27.58 1.83 0.00	25.34 1.63 0.00	25.05 1.79 0.00	25.18 1.84 0.00	26.67 1.79 0.00	27.33 1.84 0.00	29.76 2.28 0.00	34.28 2.36 0.00	47.75 3.50 0.00	42.36 2.99 0.00	37.20 2.66 0.00	32.05 2.56 0.00	28.23 2.16 0.00	25.30 2.11 0.00	22.76 1.63 0.00
NYPA____HELLGATE_GT2 24159	23.45 1.47 -0.01	21.31 1.17 0.00	21.16 1.08 0.00	21.09 1.16 0.00	21.31 1.11 0.00	25.17 1.36 0.00	34.23 1.78 0.00	37.36 1.98 0.00	31.26 1.91 0.00	27.58 1.83 0.00	25.34 1.63 0.00	25.05 1.79 0.00	25.18 1.84 0.00	26.67 1.79 0.00	27.33 1.84 0.00	29.76 2.28 0.00	34.28 2.36 0.00	47.75 3.50 0.00	42.36 2.99 0.00	37.20 2.66 0.00	32.05 2.56 0.00	28.23 2.16 0.00	25.30 2.11 0.00	22.76 1.63 0.00
NYS_BARGE____HYD 23848	20.35 -1.63 0.00	18.71 -1.43 0.00	18.66 -1.43 0.00	18.30 -1.63 0.00	18.59 -1.62 0.00	22.02 -1.79 0.00	30.05 -2.40 0.00	32.48 -2.90 0.00	27.32 -2.02 0.00	24.02 -1.72 0.00	22.50 -1.21 0.00	21.91 -1.35 0.00	22.03 -1.31 0.00	23.58 -1.29 0.00	24.01 -1.48 0.00	25.26 -2.23 0.00	29.43 -2.49 0.00	39.21 -5.05 0.00	35.36 -4.02 0.00	31.26 -3.28 0.00	26.62 -2.86 0.00	23.85 -2.22 0.00	21.35 -1.83 0.00	19.93 -1.20 0.00



OAK ORCHARD___HYD 24046	20.96 -1.01 0.00	19.25 -0.89 0.00	19.18 -0.90 0.00	18.88 -1.06 0.00	19.19 -1.01 0.00	22.79 -1.02 0.00	30.99 -1.46 0.00	33.76 -1.63 0.00	28.20 -1.15 0.00	24.74 -1.00 0.00	22.97 -0.74 0.00	22.47 -0.79 0.00	22.54 -0.79 0.00	24.10 -0.77 0.00	24.68 -0.82 0.00	26.14 -1.35 0.00	30.49 -1.44 0.00	41.47 -2.79 0.00	37.05 -2.32 0.00	32.58 -1.97 0.00	27.77 -1.71 0.00	24.71 -1.36 0.00	22.07 -1.11 0.00	20.37 -0.76 0.00
OAKDALE___35_KV_LOAD 356122	21.82 -0.15 0.00	20.02 -0.12 0.00	19.94 -0.14 0.00	19.75 -0.18 0.00	20.04 -0.16 0.00	23.67 -0.14 0.00	32.28 -0.16 0.00	35.21 -0.18 0.00	29.32 -0.03 0.00	25.72 -0.03 0.00	23.73 0.02 0.00	23.24 -0.02 0.00	23.31 -0.02 0.00	24.88 0.00 0.00	25.47 -0.03 0.00	27.37 -0.11 0.00	31.86 -0.06 0.00	43.82 -0.44 0.00	39.17 -0.20 0.00	34.44 -0.10 0.00	29.33 -0.15 0.00	25.98 -0.08 0.00	23.12 -0.07 0.00	21.09 -0.04 0.00
OCC_CHEM___DRP 24175	20.06 -1.91 0.00	18.45 -1.69 0.00	18.25 -1.83 0.00	18.04 -1.89 0.00	18.32 -1.88 0.00	21.69 -2.12 0.00	29.36 -3.08 0.00	31.81 -3.57 0.00	26.80 -2.55 0.00	23.59 -2.16 0.00	22.09 -1.61 0.00	21.56 -1.70 0.00	21.58 -1.75 0.00	23.16 -1.72 0.00	23.61 -1.89 0.00	24.84 -2.64 0.00	28.89 -3.03 0.00	38.41 -5.84 0.01	34.65 -4.72 0.00	30.71 -3.83 0.00	26.15 -3.33 0.00	23.43 -2.63 0.00	21.03 -2.16 0.00	19.61 -1.52 0.00
OH_GEN_PROXY 24063	20.24 -1.74 0.00	18.61 -1.53 0.00	18.55 -1.53 0.00	18.22 -1.71 0.00	18.48 -1.72 0.00	21.90 -1.91 0.00	29.85 -2.60 0.00	32.20 -3.18 0.00	27.09 -2.26 0.00	23.84 -1.91 0.00	22.28 -1.42 0.00	21.75 -1.51 0.00	21.86 -1.47 0.00	23.36 -1.52 0.00	23.81 -1.68 0.00	25.09 -2.39 0.00	29.21 -2.71 0.00	37.40 -5.31 1.55	36.70 -4.21 -1.54	31.12 -3.42 0.00	26.56 -2.92 0.00	23.77 -2.29 0.00	21.26 -1.92 0.00	19.82 -1.31 0.00
OLIN_CORP_DRP 24177	20.04 -1.93 0.00	18.41 -1.73 0.00	18.23 -1.85 0.00	18.02 -1.91 0.00	18.30 -1.90 0.00	21.67 -2.14 0.00	29.36 -3.08 0.00	31.85 -3.54 0.00	26.80 -2.55 0.00	23.56 -2.19 0.00	22.09 -1.61 0.00	21.54 -1.72 0.00	21.56 -1.77 0.00	23.16 -1.72 0.00	23.58 -1.91 0.00	24.84 -2.64 0.00	28.89 -3.03 0.00	38.46 -5.80 0.01	34.69 -4.69 0.00	30.71 -3.83 0.00	26.15 -3.33 0.00	23.40 -2.66 0.00	21.01 -2.18 0.00	19.59 -1.54 0.00
OLIN_CORP_DSASP 323712	20.06 -1.91 0.00	18.45 -1.69 0.00	18.39 -1.69 0.00	18.04 -1.89 0.00	18.32 -1.88 0.00	21.69 -2.12 0.00	29.53 -2.92 0.00	31.81 -3.57 0.00	26.80 -2.55 0.00	23.61 -2.14 0.00	22.09 -1.61 0.00	21.56 -1.70 0.00	21.68 -1.66 0.00	23.16 -1.72 0.00	23.58 -1.91 0.00	24.82 -2.67 0.00	28.89 -3.03 0.00	38.41 -5.84 0.01	34.65 -4.73 0.00	30.71 -3.84 0.00	26.18 -3.30 0.00	23.48 -2.58 0.00	21.03 -2.16 0.00	19.65 -1.48 0.00
ONEIDA_HERK_LFGE 323681	22.56 0.59 0.00	20.72 0.58 0.00	20.70 0.62 0.00	20.53 0.60 0.00	20.81 0.61 0.00	24.50 0.69 0.00	33.58 1.14 0.00	36.59 1.20 0.00	30.26 0.91 0.00	26.52 0.77 0.00	24.30 0.59 0.00	23.82 0.56 0.00	23.78 0.44 0.00	25.40 0.52 0.00	26.05 0.56 0.00	28.28 0.80 0.00	32.94 1.02 0.00	46.03 1.77 0.00	40.99 1.61 0.00	35.93 1.38 0.00	30.42 0.94 0.00	26.87 0.81 0.00	23.70 0.51 0.00	21.64 0.51 0.00
ONEIDA___115KV_TB4 55905	22.50 0.53 0.00	20.64 0.50 0.00	20.60 0.52 0.00	20.41 0.48 0.00	20.71 0.51 0.00	24.48 0.67 0.00	33.45 1.01 0.00	36.48 1.10 0.00	30.23 0.88 0.00	26.52 0.77 0.00	24.35 0.64 0.00	23.86 0.60 0.00	23.85 0.51 0.00	25.47 0.60 0.00	26.13 0.64 0.00	28.31 0.82 0.00	32.98 1.05 0.00	45.85 1.59 0.00	40.83 1.46 0.00	35.79 1.24 0.00	30.40 0.91 0.00	26.84 0.78 0.00	23.72 0.53 0.00	21.68 0.55 0.00
ONONDAGA_REF_OCCRA 23987	21.62 -0.35 0.00	19.84 -0.30 0.00	19.76 -0.32 0.00	19.60 -0.34 0.00	19.88 -0.32 0.00	23.48 -0.33 0.00	31.89 -0.55 0.00	34.85 -0.53 0.00	28.97 -0.38 0.00	25.39 -0.36 0.00	23.40 -0.31 0.00	22.91 -0.35 0.00	22.96 -0.37 0.00	24.53 -0.35 0.00	25.14 -0.36 0.00	27.07 -0.41 0.00	31.47 -0.45 0.00	43.55 -0.71 0.00	38.82 -0.55 0.00	34.03 -0.52 0.00	29.01 -0.47 0.00	25.65 -0.42 0.00	22.84 -0.35 0.00	20.90 -0.23 0.00
ONONDAGA___COGEN 23986	21.64 -0.33 0.00	19.86 -0.28 0.00	19.76 -0.32 0.00	19.60 -0.34 0.00	19.88 -0.32 0.00	23.48 -0.33 0.00	31.89 -0.55 0.00	34.85 -0.53 0.00	28.97 -0.38 0.00	25.39 -0.36 0.00	23.37 -0.33 0.00	22.91 -0.35 0.00	22.96 -0.37 0.00	24.50 -0.37 0.00	25.14 -0.36 0.00	27.07 -0.41 0.00	31.47 -0.45 0.00	43.51 -0.75 0.00	38.78 -0.59 0.00	33.99 -0.55 0.00	28.98 -0.50 0.00	25.65 -0.42 0.00	22.84 -0.35 0.00	20.90 -0.23 0.00
ONTARIO___LFGE 23819	21.47 -0.50 0.00	19.72 -0.42 0.00	19.60 -0.48 0.00	19.36 -0.58 0.00	19.70 -0.50 0.00	23.36 -0.45 0.00	31.89 -0.55 0.00	34.71 -0.67 0.00	29.00 -0.35 0.00	25.39 -0.36 0.00	23.45 -0.26 0.00	22.91 -0.35 0.00	22.98 -0.35 0.00	24.55 -0.32 0.00	25.14 -0.36 0.00	26.82 -0.66 0.00	31.31 -0.61 0.00	42.67 -1.59 0.00	38.23 -1.14 0.00	33.51 -1.04 0.00	28.69 -0.79 0.00	25.41 -0.65 0.00	22.63 -0.56 0.00	20.73 -0.40 0.00
ORANGEVILLE_WT_PWR 323706	20.61 -1.36 0.00	18.93 -1.21 0.00	18.84 -1.25 0.00	18.52 -1.41 0.00	18.83 -1.37 0.00	22.26 -1.55 0.00	30.43 -2.01 0.00	32.98 -2.41 0.00	27.65 -1.70 0.00	24.31 -1.44 0.00	22.71 -0.99 0.00	22.14 -1.12 0.00	22.28 -1.05 0.00	23.81 -1.07 0.00	24.27 -1.22 0.00	25.67 -1.81 0.00	29.88 -2.04 0.00	40.05 -4.21 0.00	36.02 -3.35 0.00	31.78 -2.76 0.00	27.06 -2.42 0.00	24.16 -1.90 0.00	21.59 -1.60 0.00	19.99 -1.14 0.00
ORANGEVILLE___ESR 323794	20.61 -1.36 0.00	18.93 -1.21 0.00	18.84 -1.25 0.00	18.52 -1.41 0.00	18.83 -1.37 0.00	22.26 -1.55 0.00	30.43 -2.01 0.00	32.98 -2.41 0.00	27.65 -1.70 0.00	24.31 -1.44 0.00	22.71 -0.99 0.00	22.14 -1.12 0.00	22.28 -1.05 0.00	23.81 -1.07 0.00	24.27 -1.22 0.00	25.67 -1.81 0.00	29.88 -2.04 0.00	40.05 -4.21 0.00	36.02 -3.35 0.00	31.78 -2.76 0.00	27.06 -2.42 0.00	24.16 -1.90 0.00	21.59 -1.60 0.00	19.99 -1.14 0.00
OSWEGATCHIE___HYD 24044	22.83 0.86 0.00	21.03 0.89 0.00	21.01 0.92 0.00	20.83 0.90 0.00	21.11 0.91 0.00	24.95 1.14 0.00	34.55 2.11 0.00	37.62 2.23 0.00	30.76 1.41 0.00	26.75 1.00 0.00	24.42 0.71 0.00	23.89 0.63 0.00	23.75 0.42 0.00	25.40 0.52 0.00	25.98 0.48 0.00	28.25 0.77 0.00	33.04 1.12 0.00	46.51 2.26 0.00	41.40 2.16 0.13	32.83 1.93 3.65	26.81 1.21 3.88	22.98 0.96 4.04	21.59 0.44 2.03	18.94 0.51 2.70
OSWEGO___5 23606	21.36 -0.62 0.00	19.60 -0.54 0.00	19.54 -0.54 0.00	19.36 -0.58 0.00	19.64 -0.57 0.00	23.17 -0.64 0.00	31.44 -1.01 0.00	34.29 -1.10 0.00	28.50 -0.85 0.00	25.00 -0.75 0.00	23.02 -0.69 0.00	22.58 -0.68 0.00	22.63 -0.70 0.00	24.15 -0.72 0.00	24.75 -0.74 0.00	26.66 -0.82 0.00	30.97 -0.96 0.00	42.84 -1.42 0.00	38.15 -1.22 0.00	33.47 -1.07 0.00	28.54 -0.94 0.00	25.25 -0.81 0.00	22.49 -0.70 0.00	20.60 -0.53 0.00



OSWEGO___6 23613	21.36 -0.62 0.00	19.60 -0.54 0.00	19.54 -0.54 0.00	19.36 -0.58 0.00	19.64 -0.57 0.00	23.17 -0.64 0.00	31.44 -1.01 0.00	34.29 -1.10 0.00	28.50 -0.85 0.00	25.00 -0.75 0.00	23.02 -0.69 0.00	22.58 -0.68 0.00	22.63 -0.70 0.00	24.15 -0.72 0.00	24.75 -0.74 0.00	26.66 -0.82 0.00	30.97 -0.96 0.00	42.84 -1.42 0.00	38.15 -1.22 0.00	33.47 -1.07 0.00	28.54 -0.94 0.00	25.25 -0.81 0.00	22.49 -0.70 0.00	20.60 -0.53 0.00
OUTOKUMPU-AB___DRP 24206	20.57 -1.41 0.00	18.87 -1.27 0.00	18.72 -1.37 0.00	18.50 -1.44 0.00	18.81 -1.39 0.00	22.24 -1.57 0.00	30.24 -2.21 0.00	32.84 -2.55 0.00	27.65 -1.70 0.00	24.28 -1.47 0.00	22.78 -0.92 0.00	22.19 -1.07 0.00	22.24 -1.10 0.00	23.90 -0.97 0.00	24.32 -1.17 0.00	25.59 -1.90 0.00	29.78 -2.14 0.00	39.65 -4.60 0.01	35.75 -3.62 0.00	31.61 -2.94 0.00	26.86 -2.62 0.00	24.06 -2.01 0.00	21.59 -1.60 0.00	20.08 -1.06 0.00
OXBOW___BTM 323836	20.35 -1.63 0.00	18.69 -1.45 0.00	18.66 -1.43 0.00	18.30 -1.63 0.00	18.61 -1.60 0.00	22.00 -1.81 0.00	30.01 -2.43 0.00	32.41 -2.97 0.00	27.27 -2.08 0.00	24.02 -1.72 0.00	22.47 -1.23 0.00	21.93 -1.32 0.00	22.05 -1.28 0.00	23.58 -1.29 0.00	24.01 -1.48 0.00	25.26 -2.23 0.00	29.40 -2.52 0.00	39.12 -5.13 0.01	35.28 -4.10 0.00	31.23 -3.32 0.00	26.62 -2.86 0.00	23.82 -2.24 0.00	21.35 -1.83 0.00	19.93 -1.20 0.00
OXBOW___ 24026	20.35 -1.63 0.00	18.69 -1.45 0.00	18.51 -1.57 0.00	18.30 -1.63 0.00	18.59 -1.62 0.00	22.00 -1.81 0.00	29.85 -2.60 0.00	32.41 -2.97 0.00	27.27 -2.08 0.00	23.97 -1.78 0.00	22.47 -1.23 0.00	21.93 -1.33 0.00	21.96 -1.38 0.00	23.58 -1.29 0.00	24.01 -1.48 0.00	25.28 -2.20 0.00	29.40 -2.52 0.00	39.12 -5.13 0.01	35.28 -4.09 0.00	31.23 -3.32 0.00	26.56 -2.92 0.00	23.80 -2.27 0.00	21.33 -1.85 0.00	19.89 -1.25 0.00
OXY_CHEM_DSASP 323612	20.06 -1.91 0.00	18.45 -1.69 0.00	18.25 -1.83 0.00	18.04 -1.89 0.00	18.32 -1.88 0.00	21.69 -2.12 0.00	29.36 -3.08 0.00	31.81 -3.57 0.00	26.80 -2.55 0.00	23.59 -2.16 0.00	22.09 -1.61 0.00	21.56 -1.70 0.00	21.58 -1.75 0.00	23.16 -1.72 0.00	23.61 -1.89 0.00	24.84 -2.64 0.00	28.89 -3.03 0.00	38.41 -5.84 0.01	34.65 -4.72 0.00	30.71 -3.83 0.00	26.15 -3.33 0.00	23.43 -2.63 0.00	21.03 -2.16 0.00	19.61 -1.52 0.00
OZONE_PARK_ESR 323760	23.44 1.47 0.00	21.35 1.21 0.00	21.27 1.18 0.00	21.11 1.18 0.00	21.35 1.15 0.00	25.26 1.45 0.00	34.46 2.01 0.00	37.65 2.26 0.00	31.46 2.11 0.00	27.73 1.98 0.00	25.53 1.83 0.00	25.19 1.93 0.00	25.34 2.01 0.00	26.86 1.99 0.00	27.51 2.01 0.00	29.85 2.36 0.00	34.60 2.68 0.00	48.20 3.94 0.00	42.76 3.39 0.00	37.51 2.97 0.00	32.16 2.68 0.00	28.36 2.29 0.00	25.27 2.09 0.00	22.70 1.56 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	20.06 -1.91 0.00	18.45 -1.69 0.00	18.25 -1.83 0.00	18.04 -1.89 0.00	18.32 -1.88 0.00	21.69 -2.12 0.00	29.36 -3.08 0.00	31.81 -3.57 0.00	26.80 -2.55 0.00	23.59 -2.16 0.00	22.09 -1.61 0.00	21.56 -1.70 0.00	21.58 -1.75 0.00	23.16 -1.72 0.00	23.61 -1.89 0.00	24.84 -2.64 0.00	28.89 -3.03 0.00	38.41 -5.84 0.01	34.65 -4.72 0.00	30.71 -3.83 0.00	26.15 -3.33 0.00	23.43 -2.63 0.00	21.03 -2.16 0.00	19.61 -1.52 0.00
PACKARD___115KV_DUPONT_184 80571	20.06 -1.91 0.00	18.45 -1.69 0.00	18.25 -1.83 0.00	18.04 -1.89 0.00	18.32 -1.88 0.00	21.69 -2.12 0.00	29.36 -3.08 0.00	31.81 -3.57 0.00	26.80 -2.55 0.00	23.59 -2.16 0.00	22.09 -1.61 0.00	21.56 -1.70 0.00	21.58 -1.75 0.00	23.16 -1.72 0.00	23.61 -1.89 0.00	24.84 -2.64 0.00	28.89 -3.03 0.00	38.41 -5.84 0.01	34.65 -4.72 0.00	30.71 -3.83 0.00	26.15 -3.33 0.00	23.43 -2.63 0.00	21.03 -2.16 0.00	19.61 -1.52 0.00
PARKCHTR_I38_KV_TB2S_REV_LBMP_J 345007	23.42 1.45 0.00	21.29 1.15 0.00	21.19 1.10 0.00	21.05 1.12 0.00	21.29 1.09 0.00	25.14 1.33 0.00	34.23 1.78 0.00	37.30 1.91 0.00	31.23 1.88 0.00	27.52 1.78 0.00	25.29 1.59 0.00	25.00 1.74 0.00	25.18 1.84 0.00	26.64 1.77 0.00	27.30 1.81 0.00	29.68 2.20 0.00	34.25 2.33 0.00	47.67 3.41 0.00	42.28 2.91 0.00	37.13 2.59 0.00	31.99 2.51 0.00	28.20 2.14 0.00	25.23 2.04 0.00	22.63 1.50 0.00
PARKCHTR_I3_KV_CPCTY_REV_LBMP_J 345019	23.55 1.58 0.00	21.41 1.27 0.00	21.33 1.25 0.00	21.17 1.24 0.00	21.41 1.21 0.00	25.29 1.48 0.00	34.39 1.95 0.00	37.51 2.12 0.00	31.37 2.03 0.00	27.65 1.91 0.00	25.39 1.68 0.00	25.10 1.84 0.00	25.27 1.94 0.00	26.74 1.87 0.00	27.38 1.89 0.00	29.79 2.31 0.00	34.38 2.46 0.00	47.84 3.58 0.00	42.48 3.11 0.00	37.31 2.76 0.00	32.13 2.65 0.00	28.30 2.24 0.00	25.34 2.16 0.00	22.74 1.61 0.00
PATROON___115KV_TB1 80586	22.85 0.88 0.00	20.87 0.73 0.00	20.82 0.74 0.00	20.69 0.76 0.00	20.97 0.77 0.00	24.69 0.88 0.00	33.71 1.27 0.00	36.69 1.31 0.00	30.52 1.17 0.00	26.78 1.03 0.00	24.65 0.95 0.00	24.21 0.95 0.00	24.31 0.98 0.00	25.89 1.02 0.00	26.59 1.10 0.00	28.75 1.26 0.00	33.36 1.44 0.00	46.47 2.21 0.00	41.30 1.93 0.00	36.20 1.66 0.00	30.90 1.42 0.00	27.31 1.25 0.00	24.23 1.04 0.00	21.98 0.85 0.00
PATTRSNVILLE___SOLAR 323815	22.83 0.86 0.00	20.86 0.72 0.00	20.78 0.70 0.00	20.67 0.74 0.00	20.95 0.75 0.00	24.69 0.88 0.00	33.78 1.33 0.00	36.73 1.34 0.00	30.44 1.09 0.00	26.67 0.93 0.00	24.49 0.78 0.00	24.00 0.74 0.00	24.06 0.72 0.00	25.69 0.82 0.00	26.39 0.89 0.00	28.64 1.15 0.00	33.26 1.34 0.00	46.38 2.12 0.00	41.26 1.89 0.00	36.13 1.59 0.00	30.81 1.33 0.00	27.24 1.17 0.00	24.14 0.95 0.00	21.96 0.82 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	21.00 -0.97 0.00	19.29 -0.85 0.00	19.14 -0.94 0.00	18.90 -1.04 0.00	19.23 -0.97 0.00	22.74 -1.07 0.00	31.05 -1.40 0.00	33.79 -1.59 0.00	28.35 -1.00 0.00	24.90 -0.85 0.00	23.30 -0.40 0.00	22.70 -0.56 0.00	22.77 -0.56 0.00	24.43 -0.45 0.00	24.86 -0.64 0.00	26.22 -1.26 0.00	30.55 -1.37 0.00	40.85 -3.41 0.01	36.85 -2.52 0.00	32.57 -1.97 0.00	27.68 -1.80 0.00	24.73 -1.33 0.00	22.14 -1.04 0.00	20.46 -0.68 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	23.29 1.32 0.00	21.27 1.13 0.00	21.23 1.14 0.00	21.07 1.14 0.00	21.37 1.17 0.00	25.21 1.40 0.00	34.49 2.04 0.00	37.79 2.41 0.00	31.49 2.14 0.00	27.50 1.75 0.00	25.34 1.64 0.00	24.91 1.65 0.00	25.01 1.68 0.00	26.62 1.74 0.00	27.35 1.86 0.00	29.71 2.23 0.00	34.44 2.52 0.00	48.11 3.85 0.00	42.68 3.31 0.00	37.38 2.83 0.00	31.93 2.45 0.00	28.30 2.24 0.00	25.02 1.83 0.00	22.53 1.39 0.00
PEEKSKILL___ 23653	23.11 1.14 0.00	21.09 0.95 0.00	21.01 0.92 0.00	20.89 0.96 0.00	21.15 0.95 0.00	24.98 1.17 0.00	34.00 1.56 0.00	37.15 1.77 0.00	30.99 1.64 0.00	27.24 1.49 0.00	25.10 1.40 0.00	24.70 1.44 0.00	24.83 1.49 0.00	26.39 1.52 0.00	27.05 1.56 0.00	29.32 1.84 0.00	34.00 2.07 0.00	47.36 3.10 0.00	42.09 2.71 0.00	36.89 2.35 0.00	31.57 2.09 0.00	27.91 1.85 0.00	24.83 1.65 0.00	22.42 1.29 0.00



PGE MADISON___WINDPWR 24146	23.44 1.47 0.00	21.53 1.39 0.00	21.51 1.43 0.00	21.23 1.29 0.00	21.51 1.31 0.00	25.60 1.79 0.00	35.20 2.76 0.00	38.22 2.83 0.00	31.55 2.20 0.00	27.60 1.85 0.00	25.18 1.47 0.00	24.65 1.40 0.00	24.55 1.21 0.00	26.29 1.42 0.00	27.02 1.53 0.00	29.49 2.01 0.00	34.51 2.58 0.00	48.11 3.85 0.00	42.76 3.39 0.00	37.38 2.83 0.00	31.49 2.01 0.00	27.76 1.69 0.00	24.30 1.11 0.00	22.25 1.12 0.00
PIERCEFIELD___HYD 23852	23.11 1.14 0.00	21.31 1.17 0.00	21.29 1.20 0.00	21.13 1.20 0.00	21.41 1.21 0.00	25.41 1.60 0.00	35.30 2.86 0.00	38.46 3.08 0.00	31.32 1.97 0.00	27.14 1.39 0.00	24.75 1.04 0.00	24.17 0.91 0.00	24.03 0.70 0.00	25.72 0.85 0.00	26.26 0.76 0.00	28.50 1.02 0.00	33.39 1.47 0.00	47.09 2.83 0.00	41.85 2.68 0.20	31.31 2.38 5.61	25.04 1.53 5.97	21.07 1.22 6.22	20.69 0.63 3.13	17.64 0.66 4.15
PINELAWN_CC_1 323563	23.16 1.19 0.00	21.13 0.99 0.00	21.10 1.02 0.00	20.87 0.94 0.00	21.07 0.87 0.00	25.07 1.26 0.00	33.45 1.01 0.01	37.12 1.73 0.00	30.96 1.61 0.00	27.70 1.96 0.00	25.77 2.06 0.00	25.57 2.21 -0.10	25.48 2.15 0.00	28.40 2.29 -1.23	29.34 2.34 -1.51	30.12 2.64 0.00	35.35 2.81 -0.62	53.35 3.67 -5.42	42.64 3.27 0.00	37.48 2.93 0.00	32.25 2.77 0.00	30.13 2.69 -1.38	28.48 2.48 -2.81	23.67 2.05 -0.49
PJM_GEN_HTP_PROXY 323702	23.25 1.27 0.00	21.21 1.07 0.00	21.08 1.00 0.00	20.99 1.06 0.00	21.23 1.03 0.00	25.12 1.31 0.00	34.16 1.72 0.00	37.36 1.98 0.00	31.20 1.85 0.00	27.50 1.75 0.00	25.32 1.61 0.00	24.96 1.70 0.00	25.09 1.75 0.00	26.64 1.77 0.00	27.25 1.76 0.00	29.57 2.09 0.00	34.28 2.36 0.00	46.21 3.50 1.54	43.90 2.99 -1.54	37.14 2.59 0.00	31.84 2.36 0.00	28.10 2.03 0.00	25.04 1.86 0.00	22.61 1.48 0.00
PJM_GEN_KEystone 24065	21.82 -0.15 0.00	20.00 -0.14 0.00	19.90 -0.18 0.00	19.72 -0.22 0.00	20.00 -0.20 0.00	23.62 -0.19 0.00	32.25 -0.19 0.00	35.10 -0.28 0.00	29.32 -0.03 0.00	25.77 0.03 0.00	23.85 0.14 0.00	23.40 0.14 0.00	23.52 0.19 0.00	25.00 0.13 0.00	25.57 0.08 0.00	27.40 -0.08 0.00	31.89 -0.03 0.00	42.14 -0.58 1.54	40.68 -0.23 -1.54	34.44 -0.10 0.00	29.42 -0.06 0.00	26.12 0.05 0.00	23.28 0.09 0.00	21.26 0.13 0.00
PJM_GEN_NEPTUNE_PROXY 323594	22.96 0.99 0.00	20.95 0.81 0.00	20.90 0.82 0.00	20.69 0.76 0.00	20.91 0.71 0.00	24.83 1.02 0.00	33.22 0.78 0.01	36.84 1.45 0.00	30.76 1.41 0.00	27.50 1.75 0.00	25.53 1.83 0.00	25.32 1.98 -0.08	25.27 1.94 0.00	27.95 2.04 -1.03	28.82 2.06 -1.26	29.79 2.31 0.00	35.08 2.65 -0.51	50.96 3.72 -2.98	44.18 3.27 -1.54	37.34 2.80 0.00	31.90 2.42 0.00	29.56 2.35 -1.15	26.90 2.16 -1.56	23.15 1.75 -0.27
PJM_GEN_VFT_PROXY 323633	23.22 1.25 0.00	21.17 1.03 0.00	21.03 0.94 0.00	20.95 1.02 0.00	21.19 0.99 0.00	25.05 1.24 0.00	34.10 1.65 0.00	37.26 1.87 0.00	31.14 1.79 0.00	27.47 1.73 0.00	25.30 1.59 0.00	24.98 1.72 0.00	25.06 1.73 0.00	26.59 1.72 0.00	27.23 1.73 0.00	29.54 2.06 0.00	34.22 2.30 0.00	46.13 3.41 1.54	43.83 2.91 -1.54	37.06 2.52 0.00	31.81 2.33 0.00	28.10 2.03 0.00	25.04 1.86 0.00	22.59 1.46 0.00
PLATSBURG_115KV_PMLD1 355749	22.32 0.35 0.00	20.54 0.40 0.00	20.40 0.32 0.00	20.31 0.38 0.00	20.57 0.36 0.00	24.33 0.52 0.00	33.74 1.30 0.00	36.91 1.52 0.00	30.05 0.70 0.00	26.21 0.46 0.00	23.99 0.28 0.00	23.49 0.23 0.00	23.52 0.19 0.00	25.15 0.27 0.00	25.49 0.00 0.00	27.23 -0.25 0.00	31.54 -0.38 0.00	42.84 -1.42 0.00	37.49 -1.42 0.47	20.68 -1.04 12.82	14.84 -1.00 13.64	10.89 -0.96 14.21	15.30 -0.74 7.14	10.90 -0.76 9.48
PLEASANTVLY___LBMP 24000	23.00 1.03 0.00	21.01 0.87 0.00	20.96 0.88 0.00	20.83 0.90 0.00	21.09 0.89 0.00	24.88 1.07 0.00	33.91 1.46 0.00	37.01 1.63 0.00	30.85 1.50 0.00	27.16 1.42 0.00	25.01 1.30 0.00	24.61 1.35 0.00	24.73 1.40 0.00	26.27 1.39 0.00	26.95 1.45 0.00	29.19 1.70 0.00	33.84 1.92 0.00	47.14 2.88 0.00	41.85 2.48 0.00	36.72 2.18 0.00	31.43 1.95 0.00	27.76 1.69 0.00	24.69 1.51 0.00	22.25 1.12 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	23.16 1.19 0.00	21.13 0.99 0.00	21.09 1.00 0.00	20.93 1.00 0.00	21.19 0.99 0.00	25.05 1.24 0.00	34.13 1.69 0.00	37.26 1.88 0.00	31.08 1.73 0.00	27.37 1.62 0.00	25.20 1.49 0.00	24.79 1.54 0.00	24.97 1.63 0.00	26.49 1.62 0.00	27.15 1.66 0.00	29.41 1.92 0.00	34.12 2.20 0.00	47.53 3.28 0.00	42.21 2.83 0.00	37.00 2.45 0.00	31.66 2.18 0.00	27.99 1.93 0.00	24.88 1.69 0.00	22.40 1.27 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	23.16 1.19 0.00	21.13 0.99 0.00	21.09 1.00 0.00	20.93 1.00 0.00	21.19 0.99 0.00	25.05 1.24 0.00	34.13 1.69 0.00	37.26 1.88 0.00	31.08 1.73 0.00	27.37 1.62 0.00	25.20 1.49 0.00	24.79 1.54 0.00	24.97 1.63 0.00	26.49 1.62 0.00	27.15 1.66 0.00	29.41 1.92 0.00	34.12 2.20 0.00	47.53 3.28 0.00	42.21 2.83 0.00	37.00 2.45 0.00	31.66 2.18 0.00	27.99 1.93 0.00	24.88 1.69 0.00	22.40 1.27 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	23.09 1.12 0.00	21.05 0.91 0.00	21.04 0.96 0.00	20.91 0.98 0.00	21.17 0.97 0.00	25.00 1.19 0.00	34.07 1.62 0.00	37.15 1.77 0.00	30.96 1.61 0.00	27.16 1.42 0.00	25.01 1.30 0.00	24.54 1.28 0.00	24.71 1.38 0.00	26.24 1.37 0.00	26.95 1.45 0.00	29.19 1.70 0.00	33.90 1.98 0.00	47.31 3.05 0.00	42.01 2.64 0.00	36.82 2.28 0.00	31.52 2.03 0.00	27.84 1.77 0.00	24.74 1.55 0.00	22.29 1.16 0.00
POLETTI___ 23519	23.25 1.27 0.00	21.19 1.05 0.00	21.11 1.02 0.00	20.95 1.02 0.00	21.21 1.01 0.00	25.07 1.26 0.00	34.17 1.72 0.00	37.30 1.91 0.00	31.17 1.82 0.00	27.47 1.73 0.00	25.29 1.59 0.00	24.96 1.70 0.00	25.11 1.77 0.00	26.62 1.74 0.00	27.25 1.76 0.00	29.57 2.09 0.00	34.22 2.30 0.00	47.67 3.41 0.00	42.32 2.95 0.00	37.10 2.56 0.00	31.81 2.33 0.00	28.10 2.03 0.00	25.04 1.85 0.00	22.51 1.37 0.00
POMONA___ESR 323819	23.09 1.12 0.00	21.07 0.93 0.00	20.99 0.90 0.00	20.89 0.96 0.00	21.15 0.95 0.00	24.95 1.14 0.00	33.97 1.53 0.00	37.12 1.73 0.00	30.93 1.58 0.00	27.22 1.47 0.00	25.06 1.35 0.00	24.65 1.40 0.00	24.78 1.45 0.00	26.32 1.44 0.00	26.97 1.48 0.00	29.24 1.76 0.00	33.93 2.01 0.00	47.27 3.01 0.00	42.01 2.64 0.00	36.86 2.31 0.00	31.54 2.06 0.00	27.86 1.80 0.00	24.79 1.60 0.00	22.40 1.27 0.00
PORT_JEFF_3 23555	23.11 1.14 0.00	21.11 0.97 0.00	21.10 1.02 0.00	20.85 0.92 0.00	21.05 0.85 0.00	25.02 1.21 0.00	33.31 0.88 0.01	37.01 1.63 0.00	30.87 1.53 0.00	27.58 1.83 0.00	25.70 1.99 0.00	25.49 2.14 -0.09	25.39 2.05 0.00	28.21 2.21 -1.12	29.21 2.34 -1.37	30.26 2.77 0.00	35.77 3.29 -0.56	53.61 4.43 -4.93	43.27 3.90 0.00	37.86 3.32 0.00	32.31 2.83 0.00	30.06 2.74 -1.26	28.57 2.57 -2.81	23.75 2.13 -0.49



PORT_JEFF_4 23616	23.11 1.14 0.00	21.11 0.97 0.00	21.10 1.02 0.00	20.85 0.92 0.00	21.05 0.85 0.00	25.02 1.21 0.00	33.31 0.88 0.01	37.01 1.63 0.00	30.87 1.53 0.00	27.58 1.83 0.00	25.70 1.99 0.00	25.49 2.14 -0.09	25.39 2.05 0.00	28.21 2.21 -1.12	29.21 2.34 -1.37	30.26 2.77 0.00	35.77 3.29 -0.56	53.61 4.43 -4.93	43.27 3.90 0.00	37.86 3.32 0.00	32.31 2.83 0.00	30.06 2.74 -1.26	28.57 2.57 -2.81	23.75 2.13 -0.49
PORT_JEFF_IC 23713	23.14 1.16 0.00	21.15 1.01 0.00	21.25 1.16 0.00	21.05 1.12 0.00	21.05 0.85 0.00	25.07 1.26 0.00	33.38 0.94 0.01	37.01 1.63 0.00	30.88 1.53 0.00	27.71 1.96 0.00	25.70 1.99 0.00	25.49 2.14 -0.09	25.41 2.08 0.00	28.22 2.21 -1.13	29.21 2.35 -1.38	30.09 2.61 0.00	35.84 3.35 -0.56	53.72 4.51 -4.94	43.35 3.98 0.00	37.89 3.35 0.00	32.46 2.98 0.00	30.14 2.81 -1.26	28.59 2.60 -2.81	23.69 2.07 -0.49
PPL_PILGRIM_ST_GT1 24216	23.22 1.25 0.00	21.19 1.05 0.00	21.16 1.08 0.00	20.93 1.00 0.00	21.13 0.93 0.00	25.14 1.33 0.00	33.45 1.01 0.01	37.19 1.80 0.00	30.99 1.64 0.00	27.76 2.01 0.00	25.84 2.13 0.00	25.65 2.30 -0.09	25.55 2.22 0.00	28.38 2.36 -1.14	29.33 2.45 -1.39	30.26 2.77 0.00	35.78 3.29 -0.57	53.73 4.47 -5.00	43.35 3.97 0.00	37.93 3.39 0.00	32.34 2.86 0.00	30.13 2.79 -1.28	28.59 2.60 -2.81	23.77 2.16 -0.49
PPL_PILGRIM_ST_GT2 24217	23.22 1.25 0.00	21.19 1.05 0.00	21.16 1.08 0.00	20.93 1.00 0.00	21.13 0.93 0.00	25.14 1.33 0.00	33.45 1.01 0.01	37.19 1.80 0.00	30.99 1.64 0.00	27.76 2.01 0.00	25.84 2.13 0.00	25.65 2.30 -0.09	25.55 2.22 0.00	28.38 2.36 -1.14	29.33 2.45 -1.39	30.26 2.77 0.00	35.78 3.29 -0.57	53.73 4.47 -5.00	43.35 3.97 0.00	37.93 3.39 0.00	32.34 2.86 0.00	30.13 2.79 -1.28	28.59 2.60 -2.81	23.77 2.16 -0.49
PPL_SHRM_GT3 24213	22.98 1.01 0.00	21.01 0.87 0.00	21.08 1.00 0.00	20.73 0.80 0.00	20.93 0.73 0.00	24.88 1.07 0.00	33.15 0.71 0.01	36.84 1.45 0.00	30.70 1.35 0.00	27.22 1.47 0.00	25.41 1.71 0.00	25.14 1.79 -0.09	25.04 1.70 0.00	27.84 1.84 -1.12	29.06 2.19 -1.37	30.45 2.97 0.00	36.09 3.61 -0.56	53.80 4.60 -4.94	43.39 4.02 0.00	37.93 3.39 0.00	32.46 2.98 0.00	30.19 2.87 -1.26	28.64 2.64 -2.81	23.82 2.20 -0.49
PPL_SHRM_GT4 24214	22.98 1.01 0.00	21.01 0.87 0.00	21.08 1.00 0.00	20.73 0.80 0.00	20.93 0.73 0.00	24.88 1.07 0.00	33.15 0.71 0.01	36.84 1.45 0.00	30.70 1.35 0.00	27.22 1.47 0.00	25.41 1.71 0.00	25.14 1.79 -0.09	25.04 1.70 0.00	27.84 1.84 -1.12	29.06 2.19 -1.37	30.45 2.97 0.00	36.09 3.61 -0.56	53.80 4.60 -4.94	43.39 4.02 0.00	37.93 3.39 0.00	32.46 2.98 0.00	30.19 2.87 -1.26	28.64 2.64 -2.81	23.82 2.20 -0.49
PROJECT___ORANGE 1 24174	21.55 -0.42 0.00	19.78 -0.36 0.00	19.68 -0.40 0.00	19.52 -0.42 0.00	19.80 -0.40 0.00	23.38 -0.43 0.00	31.76 -0.68 0.00	34.68 -0.71 0.00	28.85 -0.50 0.00	25.28 -0.46 0.00	23.30 -0.40 0.00	22.84 -0.42 0.00	22.89 -0.44 0.00	24.45 -0.42 0.00	25.06 -0.43 0.00	26.96 -0.52 0.00	31.35 -0.57 0.00	43.33 -0.93 0.00	38.62 -0.75 0.00	33.85 -0.69 0.00	28.86 -0.62 0.00	25.54 -0.52 0.00	22.75 -0.44 0.00	20.82 -0.32 0.00
PROJECT___ORANGE 2 24166	21.55 -0.42 0.00	19.78 -0.36 0.00	19.68 -0.40 0.00	19.52 -0.42 0.00	19.80 -0.40 0.00	23.38 -0.43 0.00	31.76 -0.68 0.00	34.68 -0.71 0.00	28.85 -0.50 0.00	25.28 -0.46 0.00	23.30 -0.40 0.00	22.84 -0.42 0.00	22.89 -0.44 0.00	24.45 -0.42 0.00	25.06 -0.43 0.00	26.96 -0.52 0.00	31.35 -0.57 0.00	43.33 -0.93 0.00	38.62 -0.75 0.00	33.85 -0.69 0.00	28.86 -0.62 0.00	25.54 -0.52 0.00	22.75 -0.44 0.00	20.82 -0.32 0.00
PUCKETT___SOLAR 323809	22.21 0.24 0.00	20.40 0.26 0.00	20.32 0.24 0.00	20.13 0.20 0.00	20.42 0.22 0.00	24.17 0.36 0.00	33.03 0.58 0.00	35.99 0.60 0.00	29.88 0.53 0.00	26.16 0.41 0.00	24.06 0.36 0.00	23.54 0.28 0.00	23.59 0.26 0.00	25.17 0.30 0.00	25.82 0.33 0.00	27.90 0.41 0.00	32.56 0.64 0.00	44.96 0.71 0.00	40.16 0.79 0.00	35.23 0.69 0.00	29.98 0.50 0.00	26.51 0.44 0.00	23.51 0.32 0.00	21.47 0.34 0.00
PYRITES___HYD 24023	23.58 1.60 0.00	21.77 1.63 0.00	21.77 1.69 0.00	21.61 1.67 0.00	21.88 1.68 0.00	26.10 2.29 0.00	36.37 3.93 0.00	39.56 4.18 0.00	32.11 2.76 0.00	27.73 1.98 0.00	25.22 1.52 0.00	24.61 1.35 0.00	24.43 1.10 0.00	26.14 1.27 0.00	26.69 1.20 0.00	29.05 1.57 0.00	34.12 2.20 0.00	48.46 4.20 0.00	43.18 4.02 0.20	32.49 3.56 5.97	25.96 2.45 6.22	21.82 1.98 3.13	21.22 1.16 4.15	18.15 1.16 4.15
QUAKERRD_115KV_BK1 80622	20.63 -1.34 0.00	18.97 -1.17 0.00	18.76 -1.33 0.00	18.62 -1.32 0.00	18.91 -1.29 0.00	22.45 -1.36 0.00	30.43 -2.01 0.00	33.26 -2.12 0.00	27.76 -1.58 0.00	24.33 -1.42 0.00	22.57 -1.14 0.00	22.10 -1.16 0.00	22.12 -1.21 0.00	23.71 -1.17 0.00	24.27 -1.22 0.00	25.78 -1.70 0.00	30.04 -1.88 0.00	41.03 -3.23 0.00	36.62 -2.76 0.00	32.16 -2.38 0.00	27.39 -2.09 0.00	24.32 -1.75 0.00	21.75 -1.44 0.00	20.03 -1.10 0.00
QUENSBRY_115KV_TB8 356137	23.00 1.03 0.00	20.99 0.85 0.00	20.88 0.80 0.00	20.77 0.84 0.00	21.07 0.87 0.00	24.83 1.02 0.00	34.04 1.59 0.00	36.91 1.52 0.00	30.61 1.26 0.00	26.83 1.08 0.00	24.73 1.02 0.00	24.24 0.98 0.00	24.24 0.91 0.00	25.85 0.97 0.00	26.56 1.07 0.00	28.75 1.26 0.00	33.36 1.44 0.00	46.78 2.52 0.00	41.58 2.20 0.00	36.31 1.76 0.00	30.93 1.44 0.00	27.29 1.22 0.00	24.23 1.04 0.00	22.51 1.37 0.00
RAMAPO___LBMP 323565	23.03 1.05 0.00	21.03 0.89 0.00	20.96 0.88 0.00	20.83 0.90 0.00	21.09 0.89 0.00	24.88 1.07 0.00	33.91 1.46 0.00	37.01 1.63 0.00	30.85 1.50 0.00	27.14 1.39 0.00	24.99 1.28 0.00	24.58 1.33 0.00	24.73 1.40 0.00	26.24 1.37 0.00	26.90 1.40 0.00	29.13 1.65 0.00	33.81 1.88 0.00	47.05 2.79 0.00	41.85 2.48 0.00	36.72 2.18 0.00	31.43 1.95 0.00	27.76 1.69 0.00	24.69 1.51 0.00	22.23 1.10 0.00
RANKINE____ 23646	20.76 -1.21 0.00	19.05 -1.09 0.00	18.90 -1.18 0.00	18.66 -1.28 0.00	18.99 -1.21 0.00	22.45 -1.36 0.00	30.56 -1.88 0.00	33.26 -2.12 0.00	27.94 -1.41 0.00	24.54 -1.21 0.00	23.00 -0.71 0.00	22.40 -0.86 0.00	22.45 -0.89 0.00	24.10 -0.77 0.00	24.55 -0.94 0.00	25.89 -1.59 0.00	30.10 -1.82 0.00	40.18 -4.07 0.01	36.22 -3.15 0.00	32.02 -2.52 0.00	27.24 -2.24 0.00	24.34 -1.72 0.00	21.82 -1.37 0.00	20.22 -0.91 0.00
RAVENSWOOD_GT2_1 24244	23.27 1.30 0.00	21.21 1.07 0.00	21.13 1.04 0.00	20.99 1.06 0.00	21.23 1.03 0.00	25.10 1.29 0.00	34.20 1.75 0.00	37.33 1.95 0.00	31.23 1.88 0.00	27.52 1.78 0.00	25.32 1.61 0.00	24.98 1.72 0.00	25.13 1.80 0.00	26.64 1.77 0.00	27.30 1.81 0.00	29.60 2.12 0.00	34.28 2.36 0.00	47.76 3.50 0.00	42.36 2.99 0.00	37.17 2.63 0.00	31.87 2.39 0.00	28.15 2.09 0.00	25.07 1.88 0.00	22.53 1.39 0.00



RAVENSWOOD_GT2_2 24245	23.27 1.30 0.00	21.21 1.07 0.00	21.13 1.04 0.00	20.99 1.06 0.00	21.23 1.03 0.00	25.10 1.29 0.00	34.20 1.75 0.00	37.33 1.95 0.00	31.23 1.88 0.00	27.52 1.78 0.00	25.32 1.61 0.00	24.98 1.72 0.00	25.13 1.80 0.00	26.64 1.77 0.00	27.30 1.81 0.00	29.60 2.12 0.00	34.28 2.36 0.00	47.76 3.50 0.00	42.36 2.99 0.00	37.17 2.63 0.00	31.87 2.39 0.00	28.15 2.09 0.00	25.07 1.88 0.00	22.53 1.39 0.00
RAVENSWOOD_GT2_3 24246	23.29 1.32 0.00	21.23 1.09 0.00	21.13 1.04 0.00	20.99 1.06 0.00	21.25 1.05 0.00	25.12 1.31 0.00	34.23 1.78 0.00	37.37 1.98 0.00	31.23 1.88 0.00	27.52 1.78 0.00	25.34 1.64 0.00	25.00 1.74 0.00	25.15 1.82 0.00	26.67 1.79 0.00	27.30 1.81 0.00	29.63 2.14 0.00	34.32 2.39 0.00	47.76 3.50 0.00	42.40 3.03 0.00	37.17 2.63 0.00	31.90 2.42 0.00	28.15 2.09 0.00	25.09 1.90 0.00	22.53 1.39 0.00
RAVENSWOOD_GT2_4 24247	23.29 1.32 0.00	21.23 1.09 0.00	21.13 1.04 0.00	20.99 1.06 0.00	21.25 1.05 0.00	25.12 1.31 0.00	34.23 1.78 0.00	37.37 1.98 0.00	31.23 1.88 0.00	27.52 1.78 0.00	25.34 1.64 0.00	25.00 1.74 0.00	25.15 1.82 0.00	26.67 1.79 0.00	27.30 1.81 0.00	29.63 2.14 0.00	34.32 2.39 0.00	47.76 3.50 0.00	42.40 3.03 0.00	37.17 2.63 0.00	31.90 2.42 0.00	28.15 2.09 0.00	25.09 1.90 0.00	22.53 1.39 0.00
RAVENSWOOD_GT3_1 24248	23.27 1.30 0.00	21.21 1.07 0.00	21.13 1.04 0.00	20.99 1.06 0.00	21.23 1.03 0.00	25.10 1.29 0.00	34.20 1.75 0.00	37.33 1.95 0.00	31.23 1.88 0.00	27.52 1.78 0.00	25.32 1.61 0.00	24.98 1.72 0.00	25.13 1.80 0.00	26.64 1.77 0.00	27.30 1.81 0.00	29.60 2.12 0.00	34.28 2.36 0.00	47.76 3.50 0.00	42.36 2.99 0.00	37.17 2.63 0.00	31.87 2.39 0.00	28.15 2.09 0.00	25.07 1.88 0.00	22.53 1.39 0.00
RAVENSWOOD_GT3_2 24249	23.27 1.30 0.00	21.21 1.07 0.00	21.13 1.04 0.00	20.99 1.06 0.00	21.23 1.03 0.00	25.10 1.29 0.00	34.20 1.75 0.00	37.33 1.95 0.00	31.23 1.88 0.00	27.52 1.78 0.00	25.32 1.61 0.00	24.98 1.72 0.00	25.13 1.80 0.00	26.64 1.77 0.00	27.30 1.81 0.00	29.60 2.12 0.00	34.28 2.36 0.00	47.76 3.50 0.00	42.36 2.99 0.00	37.17 2.63 0.00	31.87 2.39 0.00	28.15 2.09 0.00	25.07 1.88 0.00	22.53 1.39 0.00
RAVENSWOOD_GT3_3 24250	23.29 1.32 0.00	21.23 1.09 0.00	21.15 1.06 0.00	21.01 1.08 0.00	21.25 1.05 0.00	25.14 1.33 0.00	34.26 1.82 0.00	37.40 2.02 0.00	31.26 1.91 0.00	27.55 1.80 0.00	25.37 1.66 0.00	25.03 1.77 0.00	25.18 1.84 0.00	26.69 1.82 0.00	27.33 1.84 0.00	29.65 2.17 0.00	34.35 2.43 0.00	47.80 3.54 0.00	42.44 3.07 0.00	37.20 2.66 0.00	31.93 2.45 0.00	28.17 2.11 0.00	25.11 1.92 0.00	22.55 1.42 0.00
RAVENSWOOD_GT3_4 24251	23.29 1.32 0.00	21.23 1.09 0.00	21.15 1.06 0.00	21.01 1.08 0.00	21.25 1.05 0.00	25.14 1.33 0.00	34.26 1.82 0.00	37.40 2.02 0.00	31.26 1.91 0.00	27.55 1.80 0.00	25.37 1.66 0.00	25.03 1.77 0.00	25.18 1.84 0.00	26.69 1.82 0.00	27.33 1.84 0.00	29.65 2.17 0.00	34.35 2.43 0.00	47.80 3.54 0.00	42.44 3.07 0.00	37.20 2.66 0.00	31.93 2.45 0.00	28.17 2.11 0.00	25.11 1.92 0.00	22.55 1.42 0.00
RAVENSWOOD_GT_1 23729	23.33 1.36 0.00	21.23 1.09 0.00	21.15 1.06 0.00	21.01 1.08 0.00	21.25 1.05 0.00	25.12 1.31 0.00	34.20 1.75 0.00	37.30 1.91 0.00	31.26 1.91 0.00	27.55 1.80 0.00	25.34 1.64 0.00	25.03 1.77 0.00	25.20 1.87 0.00	26.67 1.79 0.00	27.33 1.84 0.00	29.68 2.20 0.00	34.28 2.36 0.00	47.71 3.45 0.00	42.32 2.95 0.00	37.17 2.63 0.00	31.96 2.48 0.00	28.17 2.11 0.00	25.13 1.95 0.00	22.57 1.44 0.00
RAVENSWOOD_GT_10 24258	23.27 1.30 0.00	21.21 1.07 0.00	21.13 1.04 0.00	20.99 1.06 0.00	21.23 1.03 0.00	25.10 1.29 0.00	34.20 1.75 0.00	37.37 1.98 0.00	31.23 1.88 0.00	27.52 1.78 0.00	25.34 1.64 0.00	24.98 1.72 0.00	25.13 1.80 0.00	26.64 1.77 0.00	27.30 1.81 0.00	29.60 2.12 0.00	34.28 2.36 0.00	47.76 3.50 0.00	42.36 2.99 0.00	37.17 2.63 0.00	31.87 2.39 0.00	28.15 2.09 0.00	25.07 1.88 0.00	22.53 1.39 0.00
RAVENSWOOD_GT_11 24259	23.27 1.30 0.00	21.21 1.07 0.00	21.13 1.04 0.00	20.99 1.06 0.00	21.23 1.03 0.00	25.10 1.29 0.00	34.20 1.75 0.00	37.37 1.98 0.00	31.23 1.88 0.00	27.52 1.78 0.00	25.34 1.64 0.00	24.98 1.72 0.00	25.13 1.80 0.00	26.64 1.77 0.00	27.30 1.81 0.00	29.60 2.12 0.00	34.28 2.36 0.00	47.76 3.50 0.00	42.36 2.99 0.00	37.17 2.63 0.00	31.87 2.39 0.00	28.15 2.09 0.00	25.07 1.88 0.00	22.53 1.39 0.00
RAVENSWOOD_GT_4 24252	23.27 1.30 0.00	21.21 1.07 0.00	21.13 1.04 0.00	20.99 1.06 0.00	21.23 1.03 0.00	25.12 1.31 0.00	34.23 1.78 0.00	37.37 1.98 0.00	31.23 1.88 0.00	27.52 1.78 0.00	25.34 1.64 0.00	24.98 1.72 0.00	25.13 1.80 0.00	26.64 1.77 0.00	27.30 1.81 0.00	29.60 2.12 0.00	34.32 2.39 0.00	47.76 3.50 0.00	42.40 3.03 0.00	37.17 2.63 0.00	31.87 2.39 0.00	28.15 2.09 0.00	25.07 1.88 0.00	22.53 1.39 0.00
RAVENSWOOD_GT_5 24254	23.27 1.30 0.00	21.21 1.07 0.00	21.13 1.04 0.00	20.99 1.06 0.00	21.23 1.03 0.00	25.12 1.31 0.00	34.23 1.78 0.00	37.37 1.98 0.00	31.23 1.88 0.00	27.52 1.78 0.00	25.34 1.64 0.00	24.98 1.72 0.00	25.13 1.80 0.00	26.64 1.77 0.00	27.30 1.81 0.00	29.60 2.12 0.00	34.32 2.39 0.00	47.76 3.50 0.00	42.40 3.03 0.00	37.17 2.63 0.00	31.87 2.39 0.00	28.15 2.09 0.00	25.07 1.88 0.00	22.53 1.39 0.00
RAVENSWOOD_GT_6 24253	23.27 1.30 0.00	21.21 1.07 0.00	21.13 1.04 0.00	20.99 1.06 0.00	21.23 1.03 0.00	25.12 1.31 0.00	34.23 1.78 0.00	37.37 1.98 0.00	31.23 1.88 0.00	27.52 1.78 0.00	25.34 1.64 0.00	24.98 1.72 0.00	25.13 1.80 0.00	26.64 1.77 0.00	27.30 1.81 0.00	29.60 2.12 0.00	34.32 2.39 0.00	47.76 3.50 0.00	42.40 3.03 0.00	37.17 2.63 0.00	31.87 2.39 0.00	28.15 2.09 0.00	25.07 1.88 0.00	22.53 1.39 0.00
RAVENSWOOD_GT_7 24255	23.27 1.30 0.00	21.21 1.07 0.00	21.13 1.04 0.00	20.99 1.06 0.00	21.23 1.03 0.00	25.12 1.31 0.00	34.23 1.78 0.00	37.37 1.98 0.00	31.23 1.88 0.00	27.52 1.78 0.00	25.34 1.64 0.00	24.98 1.72 0.00	25.13 1.80 0.00	26.64 1.77 0.00	27.30 1.81 0.00	29.60 2.12 0.00	34.32 2.39 0.00	47.76 3.50 0.00	42.40 3.03 0.00	37.17 2.63 0.00	31.87 2.39 0.00	28.15 2.09 0.00	25.07 1.88 0.00	22.53 1.39 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	23.27 1.30 0.00	21.21 1.07 0.00	21.13 1.04 0.00	20.99 1.06 0.00	21.23 1.03 0.00	25.10 1.29 0.00	34.20 1.75 0.00	37.37 1.98 0.00	31.23 1.88 0.00	27.52 1.78 0.00	25.34 1.64 0.00	24.98 1.72 0.00	25.13 1.80 0.00	26.64 1.77 0.00	27.30 1.81 0.00	29.60 2.12 0.00	34.28 2.36 0.00	47.76 3.50 0.00	42.36 2.99 0.00	37.17 2.63 0.00	31.87 2.39 0.00	28.15 2.09 0.00	25.07 1.88 0.00	22.53 1.39 0.00



RAVENSWOOD_GT_9 24257	23.27 1.30 0.00	21.21 1.07 0.00	21.13 1.04 0.00	20.99 1.06 0.00	21.23 1.03 0.00	25.10 1.29 0.00	34.20 1.75 0.00	37.37 1.98 0.00	31.23 1.88 0.00	27.52 1.78 0.00	25.34 1.64 0.00	24.98 1.72 0.00	25.13 1.80 0.00	26.64 1.77 0.00	27.30 1.81 0.00	29.60 2.12 0.00	34.28 2.36 0.00	47.76 3.50 0.00	42.36 2.99 0.00	37.17 2.63 0.00	31.87 2.39 0.00	28.15 2.09 0.00	25.07 1.88 0.00	22.53 1.39 0.00
RAVENSWOOD___1 23533	23.31 1.34 0.00	21.23 1.09 0.00	21.08 1.00 0.00	21.01 1.08 0.00	21.23 1.03 0.00	25.09 1.28 0.00	34.10 1.65 0.00	37.29 1.91 0.00	31.23 1.88 0.00	27.52 1.78 0.00	25.32 1.61 0.00	25.00 1.75 0.00	25.13 1.80 0.00	26.67 1.79 0.00	27.30 1.81 0.00	29.68 2.20 0.00	34.28 2.36 0.00	47.67 3.41 0.00	42.28 2.91 0.00	37.14 2.59 0.00	31.93 2.45 0.00	28.15 2.09 0.00	25.14 1.95 0.00	22.65 1.52 0.00
RAVENSWOOD___2 23534	23.31 1.34 0.00	21.21 1.07 0.00	21.08 1.00 0.00	20.99 1.06 0.00	21.23 1.03 0.00	25.09 1.28 0.00	34.10 1.65 0.00	37.26 1.87 0.00	31.23 1.88 0.00	27.52 1.78 0.00	25.32 1.61 0.00	25.00 1.75 0.00	25.13 1.80 0.00	26.64 1.77 0.00	27.30 1.81 0.00	29.65 2.17 0.00	34.25 2.33 0.00	47.67 3.41 0.00	42.28 2.91 0.00	37.14 2.59 0.00	31.90 2.42 0.00	28.12 2.06 0.00	25.14 1.95 0.00	22.63 1.50 0.00
RAVENSWOOD___3 23535	23.27 1.30 0.00	21.21 1.07 0.00	21.08 1.00 0.00	20.99 1.06 0.00	21.23 1.03 0.00	25.09 1.28 0.00	34.16 1.72 0.00	37.33 1.94 0.00	31.23 1.88 0.00	27.50 1.75 0.00	25.32 1.61 0.00	24.98 1.72 0.00	25.11 1.77 0.00	26.64 1.77 0.00	27.30 1.81 0.00	29.63 2.15 0.00	34.28 2.36 0.00	47.75 3.50 0.00	42.36 2.99 0.00	37.17 2.62 0.00	31.87 2.39 0.00	28.12 2.06 0.00	25.09 1.90 0.00	22.63 1.50 0.00
RAVENSWOOD___4 23820	23.31 1.34 0.00	21.21 1.07 0.00	21.08 1.00 0.00	20.99 1.06 0.00	21.23 1.03 0.00	25.09 1.28 0.00	34.10 1.65 0.00	37.26 1.87 0.00	31.20 1.85 0.00	27.50 1.75 0.00	25.32 1.61 0.00	25.00 1.75 0.00	25.13 1.80 0.00	26.64 1.77 0.00	27.30 1.81 0.00	29.65 2.17 0.00	34.25 2.33 0.00	47.67 3.41 0.00	42.28 2.91 0.00	37.10 2.56 0.00	31.90 2.42 0.00	28.12 2.06 0.00	25.14 1.95 0.00	22.63 1.50 0.00
RCPI_TRUST___DRP 24196	23.29 1.32 0.00	21.23 1.09 0.00	21.17 1.08 0.00	21.01 1.08 0.00	21.27 1.07 0.00	25.14 1.33 0.00	34.30 1.85 0.00	37.44 2.05 0.00	31.26 1.91 0.00	27.58 1.83 0.00	25.37 1.66 0.00	25.03 1.77 0.00	25.18 1.84 0.00	26.69 1.82 0.00	27.33 1.84 0.00	29.63 2.14 0.00	34.35 2.43 0.00	47.84 3.58 0.00	42.48 3.11 0.00	37.24 2.69 0.00	31.90 2.42 0.00	28.17 2.11 0.00	25.09 1.90 0.00	22.55 1.42 0.00
RED___ROCHESTER 323720	21.05 -0.92 0.00	19.35 -0.79 0.00	19.26 -0.82 0.00	18.96 -0.98 0.00	19.27 -0.93 0.00	22.91 -0.90 0.00	31.34 -1.10 0.00	34.25 -1.13 0.00	28.62 -0.73 0.00	25.05 -0.69 0.00	23.28 -0.43 0.00	22.77 -0.49 0.00	22.84 -0.49 0.00	24.48 -0.40 0.00	25.06 -0.43 0.00	26.47 -1.02 0.00	30.93 -0.99 0.00	42.14 -2.12 0.00	37.56 -1.81 0.00	33.02 -1.52 0.00	28.13 -1.36 0.00	24.99 -1.07 0.00	22.33 -0.86 0.00	20.48 -0.66 0.00
REGAN___SOLAR 323812	23.38 1.41 0.00	21.33 1.19 0.00	21.23 1.14 0.00	21.11 1.18 0.00	21.43 1.23 0.00	25.31 1.50 0.00	34.72 2.27 0.00	37.62 2.23 0.00	31.11 1.76 0.00	27.19 1.44 0.00	24.89 1.18 0.00	24.33 1.07 0.00	24.39 1.05 0.00	26.12 1.24 0.00	26.89 1.40 0.00	29.30 1.81 0.00	34.03 2.11 0.00	47.67 3.41 0.00	42.40 3.03 0.00	37.03 2.49 0.00	31.51 2.03 0.00	27.89 1.82 0.00	24.63 1.44 0.00	22.38 1.25 0.00
RENSSELAER___COGEN 23796	22.76 0.79 0.00	20.80 0.66 0.00	20.74 0.66 0.00	20.63 0.70 0.00	20.91 0.71 0.00	24.62 0.81 0.00	33.58 1.14 0.00	36.59 1.20 0.00	30.40 1.06 0.00	26.67 0.93 0.00	24.58 0.88 0.00	24.12 0.86 0.00	24.22 0.89 0.00	25.80 0.92 0.00	26.49 0.99 0.00	28.64 1.15 0.00	33.23 1.31 0.00	46.25 1.99 0.00	41.14 1.77 0.00	36.06 1.52 0.00	30.78 1.30 0.00	27.21 1.15 0.00	24.16 0.97 0.00	21.94 0.80 0.00
REPUBLIC_115KV_BARTNBRK 55605	23.88 1.91 0.00	21.73 1.59 0.00	21.57 1.49 0.00	21.47 1.53 0.00	21.80 1.60 0.00	25.71 1.90 0.00	35.40 2.95 0.00	38.25 2.87 0.00	31.67 2.32 0.00	27.73 1.98 0.00	25.51 1.80 0.00	24.98 1.72 0.00	24.97 1.63 0.00	26.69 1.82 0.00	27.51 2.01 0.00	29.79 2.31 0.00	34.54 2.62 0.00	48.82 4.56 0.00	43.35 3.98 0.00	37.76 3.21 0.00	32.11 2.62 0.00	28.30 2.24 0.00	24.97 1.79 0.00	23.16 2.03 0.00
REVERE_CPPR_DRP 24186	22.74 0.77 0.00	20.89 0.75 0.00	20.84 0.76 0.00	20.67 0.74 0.00	20.95 0.75 0.00	24.76 0.95 0.00	33.91 1.46 0.00	36.94 1.56 0.00	30.61 1.26 0.00	26.83 1.08 0.00	24.61 0.90 0.00	24.10 0.84 0.00	24.06 0.72 0.00	25.72 0.85 0.00	26.39 0.89 0.00	28.64 1.15 0.00	33.39 1.47 0.00	46.60 2.35 0.00	41.50 2.13 0.00	36.34 1.80 0.00	30.78 1.30 0.00	27.18 1.12 0.00	23.95 0.77 0.00	21.89 0.76 0.00
REYNOLDS_115KV_TB3 80639	22.89 0.92 0.00	20.93 0.79 0.00	20.88 0.80 0.00	20.75 0.82 0.00	21.01 0.81 0.00	24.76 0.95 0.00	33.78 1.33 0.00	36.80 1.42 0.00	30.58 1.23 0.00	26.86 1.11 0.00	24.75 1.04 0.00	24.31 1.05 0.00	24.38 1.05 0.00	25.97 1.09 0.00	26.64 1.15 0.00	28.80 1.32 0.00	33.42 1.50 0.00	46.56 2.30 0.00	41.38 2.01 0.00	36.27 1.73 0.00	30.99 1.50 0.00	27.37 1.30 0.00	24.30 1.11 0.00	22.04 0.91 0.00
RIVERBAY____ 323610	23.55 1.58 0.00	21.41 1.27 0.00	21.33 1.25 0.00	21.17 1.24 0.00	21.41 1.21 0.00	25.29 1.48 0.00	34.39 1.95 0.00	37.51 2.12 0.00	31.37 2.03 0.00	27.65 1.91 0.00	25.39 1.68 0.00	25.10 1.84 0.00	25.27 1.94 0.00	26.74 1.87 0.00	27.38 1.89 0.00	29.79 2.31 0.00	34.38 2.46 0.00	47.84 3.58 0.00	42.48 3.11 0.00	37.31 2.76 0.00	32.13 2.65 0.00	28.30 2.24 0.00	25.34 2.16 0.00	22.74 1.61 0.00
RIVERSDE_115KV_TB3 55908	22.85 0.88 0.00	20.87 0.73 0.00	20.84 0.76 0.00	20.69 0.76 0.00	20.97 0.77 0.00	24.71 0.90 0.00	33.71 1.27 0.00	36.73 1.34 0.00	30.52 1.17 0.00	26.80 1.06 0.00	24.68 0.97 0.00	24.24 0.98 0.00	24.34 1.00 0.00	25.92 1.04 0.00	26.59 1.10 0.00	28.75 1.26 0.00	33.36 1.44 0.00	46.47 2.21 0.00	41.30 1.93 0.00	36.20 1.66 0.00	30.93 1.44 0.00	27.31 1.25 0.00	24.25 1.07 0.00	22.00 0.87 0.00
ROARING___BROOK_WT_PWR 323790	21.58 -0.39 0.00	19.76 -0.38 0.00	19.64 -0.44 0.00	19.46 -0.48 0.00	19.68 -0.53 0.00	23.14 -0.67 0.00	31.57 -0.87 0.00	34.39 -0.99 0.00	28.35 -1.00 0.00	24.85 -0.90 0.00	22.85 -0.85 0.00	22.44 -0.81 0.00	22.52 -0.82 0.00	24.00 -0.87 0.00	24.58 -0.92 0.00	26.41 -1.07 0.00	30.58 -1.34 0.00	42.40 -1.86 0.00	36.87 -1.77 0.73	12.83 -1.59 20.13	6.68 -1.39 21.41	2.53 -1.22 22.31	10.88 -1.09 11.21	5.24 -1.01 14.88



ROCHESRG_115KV_T4 355643	20.89 -1.08 0.00	19.19 -0.95 0.00	18.98 -1.10 0.00	18.84 -1.10 0.00	19.13 -1.07 0.00	22.69 -1.12 0.00	30.76 -1.69 0.00	33.62 -1.77 0.00	28.09 -1.26 0.00	24.62 -1.13 0.00	22.88 -0.83 0.00	22.38 -0.88 0.00	22.40 -0.93 0.00	24.00 -0.87 0.00	24.58 -0.92 0.00	26.05 -1.43 0.00	30.36 -1.56 0.00	41.29 -2.97 0.00	36.89 -2.48 0.00	32.47 -2.07 0.00	27.65 -1.83 0.00	24.60 -1.46 0.00	22.00 -1.18 0.00	20.29 -0.85 0.00
ROCHESTER_9_IC 23652	20.98 -0.99 0.00	19.27 -0.87 0.00	19.06 -1.02 0.00	18.90 -1.04 0.00	19.21 -0.99 0.00	22.81 -1.00 0.00	30.86 -1.59 0.00	33.72 -1.66 0.00	28.18 -1.17 0.00	24.69 -1.06 0.00	22.95 -0.76 0.00	22.44 -0.81 0.00	22.47 -0.86 0.00	24.08 -0.80 0.00	24.65 -0.84 0.00	26.11 -1.37 0.00	30.45 -1.47 0.00	41.43 -2.83 0.00	37.01 -2.36 0.00	32.54 -2.00 0.00	27.71 -1.77 0.00	24.66 -1.41 0.00	22.05 -1.14 0.00	20.39 -0.74 0.00
ROCKVIEW_13_KV_LD 356306	23.22 1.25 0.00	21.19 1.05 0.00	21.13 1.04 0.00	20.99 1.06 0.00	21.23 1.03 0.00	25.10 1.29 0.00	34.20 1.75 0.00	37.37 1.98 0.00	31.17 1.82 0.00	27.45 1.70 0.00	25.27 1.56 0.00	24.91 1.65 0.00	25.06 1.73 0.00	26.59 1.72 0.00	27.25 1.76 0.00	29.52 2.03 0.00	34.25 2.33 0.00	47.71 3.45 0.00	42.36 2.99 0.00	37.13 2.59 0.00	31.81 2.33 0.00	28.10 2.03 0.00	25.00 1.81 0.00	22.48 1.35 0.00
ROME____115KV_TB2 80656	22.74 0.77 0.00	20.89 0.75 0.00	20.84 0.76 0.00	20.67 0.74 0.00	20.95 0.75 0.00	24.76 0.95 0.00	33.91 1.46 0.00	36.94 1.56 0.00	30.61 1.26 0.00	26.83 1.08 0.00	24.61 0.90 0.00	24.10 0.84 0.00	24.06 0.72 0.00	25.72 0.85 0.00	26.39 0.89 0.00	28.64 1.15 0.00	33.39 1.47 0.00	46.60 2.35 0.00	41.50 2.13 0.00	36.34 1.80 0.00	30.78 1.30 0.00	27.18 1.12 0.00	23.95 0.77 0.00	21.89 0.76 0.00
ROSETON___1 23587	23.00 1.03 0.00	20.99 0.85 0.00	20.92 0.84 0.00	20.81 0.88 0.00	21.07 0.87 0.00	24.93 1.12 0.00	33.94 1.49 0.00	37.05 1.66 0.00	30.90 1.55 0.00	27.19 1.44 0.00	25.03 1.33 0.00	24.65 1.40 0.00	24.78 1.45 0.00	26.32 1.44 0.00	26.97 1.48 0.00	29.24 1.76 0.00	33.90 1.98 0.00	47.22 2.97 0.00	41.93 2.56 0.00	36.79 2.24 0.00	31.46 1.98 0.00	27.81 1.75 0.00	24.74 1.55 0.00	22.36 1.23 0.00
ROSETON___2 23588	23.00 1.03 0.00	20.99 0.85 0.00	20.92 0.84 0.00	20.81 0.88 0.00	21.07 0.87 0.00	24.74 0.93 0.00	33.71 1.26 0.00	36.80 1.42 0.00	30.64 1.29 0.00	26.93 1.19 0.00	24.82 1.11 0.00	24.38 1.12 0.00	24.50 1.17 0.00	26.04 1.17 0.00	26.69 1.20 0.00	28.88 1.40 0.00	33.55 1.63 0.00	46.69 2.43 0.00	41.54 2.16 0.00	36.44 1.90 0.00	31.16 1.68 0.00	27.52 1.46 0.00	24.51 1.32 0.00	22.17 1.04 0.00
ROTRRDAM_115KV_TB3 80664	22.67 0.70 0.00	20.74 0.60 0.00	20.68 0.60 0.00	20.55 0.62 0.00	20.83 0.63 0.00	24.55 0.74 0.00	33.52 1.07 0.00	36.45 1.06 0.00	30.29 0.94 0.00	26.57 0.82 0.00	24.44 0.73 0.00	23.98 0.72 0.00	24.06 0.72 0.00	25.65 0.77 0.00	26.33 0.84 0.00	28.47 0.99 0.00	33.07 1.15 0.00	46.03 1.77 0.00	40.95 1.57 0.00	35.86 1.31 0.00	30.60 1.12 0.00	27.05 0.99 0.00	24.02 0.83 0.00	21.87 0.74 0.00
RUSSELL___1 23602	21.05 -0.92 0.00	19.35 -0.79 0.00	19.12 -0.96 0.00	18.96 -0.98 0.00	19.27 -0.93 0.00	22.91 -0.90 0.00	31.28 -1.17 0.00	34.25 -1.13 0.00	28.62 -0.73 0.00	25.05 -0.70 0.00	23.28 -0.43 0.00	22.77 -0.49 0.00	22.80 -0.54 0.00	24.48 -0.40 0.00	25.06 -0.43 0.00	26.49 -0.99 0.00	30.93 -0.99 0.00	42.14 -2.12 0.00	37.56 -1.81 0.00	33.02 -1.52 0.00	28.10 -1.39 0.00	24.97 -1.09 0.00	22.33 -0.86 0.00	20.46 -0.68 0.00
RUSSELL___2 23532	21.05 -0.92 0.00	19.35 -0.79 0.00	19.12 -0.96 0.00	18.96 -0.98 0.00	19.27 -0.93 0.00	22.91 -0.90 0.00	31.28 -1.17 0.00	34.25 -1.13 0.00	28.62 -0.73 0.00	25.05 -0.70 0.00	23.28 -0.43 0.00	22.77 -0.49 0.00	22.80 -0.54 0.00	24.48 -0.40 0.00	25.06 -0.43 0.00	26.49 -0.99 0.00	30.93 -0.99 0.00	42.14 -2.12 0.00	37.56 -1.81 0.00	33.02 -1.52 0.00	28.10 -1.39 0.00	24.97 -1.09 0.00	22.33 -0.86 0.00	20.46 -0.68 0.00
RUSSELL___3 23549	21.05 -0.92 0.00	19.35 -0.79 0.00	19.12 -0.96 0.00	18.96 -0.98 0.00	19.27 -0.93 0.00	22.91 -0.90 0.00	31.28 -1.17 0.00	34.25 -1.13 0.00	28.62 -0.73 0.00	25.05 -0.70 0.00	23.28 -0.43 0.00	22.77 -0.49 0.00	22.80 -0.54 0.00	24.48 -0.40 0.00	25.06 -0.43 0.00	26.49 -0.99 0.00	30.93 -0.99 0.00	42.14 -2.12 0.00	37.56 -1.81 0.00	33.02 -1.52 0.00	28.10 -1.39 0.00	24.97 -1.09 0.00	22.33 -0.86 0.00	20.46 -0.68 0.00
RUSSELL___4 23556	21.05 -0.92 0.00	19.35 -0.79 0.00	19.12 -0.96 0.00	18.96 -0.98 0.00	19.27 -0.93 0.00	22.91 -0.90 0.00	31.28 -1.17 0.00	34.25 -1.13 0.00	28.62 -0.73 0.00	25.05 -0.70 0.00	23.28 -0.43 0.00	22.77 -0.49 0.00	22.80 -0.54 0.00	24.48 -0.40 0.00	25.06 -0.43 0.00	26.49 -0.99 0.00	30.93 -0.99 0.00	42.14 -2.12 0.00	37.56 -1.81 0.00	33.02 -1.52 0.00	28.10 -1.39 0.00	24.97 -1.09 0.00	22.33 -0.86 0.00	20.46 -0.68 0.00
RUSSELL___STATION 23914	21.05 -0.92 0.00	19.35 -0.79 0.00	19.12 -0.96 0.00	18.96 -0.98 0.00	19.27 -0.93 0.00	22.91 -0.90 0.00	31.28 -1.17 0.00	34.25 -1.13 0.00	28.62 -0.73 0.00	25.05 -0.70 0.00	23.28 -0.43 0.00	22.77 -0.49 0.00	22.80 -0.54 0.00	24.48 -0.40 0.00	25.06 -0.43 0.00	26.49 -0.99 0.00	30.93 -0.99 0.00	42.14 -2.12 0.00	37.56 -1.81 0.00	33.02 -1.52 0.00	28.10 -1.39 0.00	24.97 -1.09 0.00	22.33 -0.86 0.00	20.46 -0.68 0.00
S SALMON___HYD 24043	21.73 -0.24 0.00	19.96 -0.18 0.00	19.90 -0.18 0.00	19.72 -0.22 0.00	20.00 -0.20 0.00	23.60 -0.21 0.00	32.19 -0.26 0.00	35.10 -0.28 0.00	29.08 -0.26 0.00	25.47 -0.28 0.00	23.42 -0.28 0.00	22.93 -0.33 0.00	22.94 -0.40 0.00	24.48 -0.40 0.00	25.11 -0.38 0.00	27.12 -0.36 0.00	31.51 -0.42 0.00	43.86 -0.40 0.00	39.12 -0.23 0.02	33.90 -0.21 0.44	28.69 -0.32 0.46	25.27 -0.31 0.48	22.60 -0.35 0.24	20.62 -0.19 0.32
S.PERRY__115KV_TB1 80734	21.47 -0.51 0.00	19.72 -0.42 0.00	19.44 -0.64 0.00	19.28 -0.66 0.00	19.62 -0.59 0.00	23.38 -0.43 0.00	31.80 -0.65 0.00	34.96 -0.42 0.00	29.06 -0.29 0.00	25.28 -0.46 0.00	23.40 -0.31 0.00	22.79 -0.47 0.00	22.73 -0.61 0.00	24.45 -0.42 0.00	25.06 -0.43 0.00	26.58 -0.91 0.00	31.12 -0.80 0.00	42.49 -1.77 0.00	38.11 -1.26 0.00	33.47 -1.07 0.00	28.48 -1.00 0.00	25.28 -0.78 0.00	22.61 -0.58 0.00	20.75 -0.38 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	20.50 -1.47 0.00	18.83 -1.31 0.00	18.68 -1.41 0.00	18.44 -1.50 0.00	18.75 -1.45 0.00	22.19 -1.62 0.00	30.14 -2.30 0.00	32.73 -2.65 0.00	27.53 -1.82 0.00	24.18 -1.57 0.00	22.66 -1.04 0.00	22.10 -1.16 0.00	22.12 -1.21 0.00	23.76 -1.12 0.00	24.19 -1.30 0.00	25.50 -1.98 0.00	29.66 -2.27 0.00	39.52 -4.74 0.01	35.67 -3.70 0.00	31.54 -3.01 0.00	26.86 -2.62 0.00	24.03 -2.03 0.00	21.54 -1.65 0.00	20.01 -1.12 0.00



SAWYER___23_KV_LOAD 55526	20.50 -1.47 0.00	18.83 -1.31 0.00	18.68 -1.41 0.00	18.44 -1.50 0.00	18.75 -1.45 0.00	22.19 -1.62 0.00	30.14 -2.30 0.00	32.73 -2.65 0.00	27.53 -1.82 0.00	24.18 -1.57 0.00	22.66 -1.04 0.00	22.10 -1.16 0.00	22.12 -1.21 0.00	23.76 -1.12 0.00	24.19 -1.30 0.00	25.50 -1.98 0.00	29.66 -2.27 0.00	39.52 -4.74 0.01	35.67 -3.70 0.00	31.54 -3.01 0.00	26.86 -2.62 0.00	24.03 -2.03 0.00	21.54 -1.65 0.00	20.01 -1.12 0.00
SELKIRK___I 23801	22.76 0.79 0.00	20.80 0.66 0.00	20.76 0.68 0.00	20.63 0.70 0.00	20.91 0.71 0.00	24.62 0.81 0.00	33.55 1.10 0.00	36.52 1.13 0.00	30.32 0.97 0.00	26.57 0.82 0.00	24.47 0.76 0.00	24.00 0.74 0.00	24.08 0.75 0.00	25.67 0.80 0.00	26.39 0.89 0.00	28.53 1.04 0.00	33.10 1.18 0.00	46.12 1.86 0.00	40.99 1.61 0.00	35.96 1.42 0.00	30.69 1.21 0.00	27.13 1.07 0.00	24.09 0.90 0.00	21.89 0.76 0.00
SELKIRK___II 23799	22.67 0.70 0.00	20.72 0.58 0.00	20.68 0.60 0.00	20.55 0.62 0.00	20.83 0.63 0.00	24.52 0.71 0.00	33.45 1.01 0.00	36.45 1.06 0.00	30.29 0.94 0.00	26.57 0.82 0.00	24.47 0.76 0.00	24.03 0.77 0.00	24.13 0.79 0.00	25.69 0.82 0.00	26.36 0.87 0.00	28.50 1.02 0.00	33.10 1.18 0.00	46.03 1.77 0.00	40.95 1.58 0.00	35.89 1.35 0.00	30.66 1.18 0.00	27.08 1.02 0.00	24.07 0.88 0.00	21.85 0.72 0.00
SENECA OSWGO___HYD 24041	21.42 -0.55 0.00	19.68 -0.46 0.00	19.60 -0.48 0.00	19.42 -0.52 0.00	19.70 -0.50 0.00	23.24 -0.57 0.00	31.57 -0.87 0.00	34.46 -0.92 0.00	28.62 -0.73 0.00	25.11 -0.64 0.00	23.11 -0.59 0.00	22.65 -0.60 0.00	22.73 -0.61 0.00	24.25 -0.62 0.00	24.86 -0.64 0.00	26.77 -0.71 0.00	31.13 -0.80 0.00	43.07 -1.19 0.00	38.39 -0.98 0.00	33.64 -0.90 0.00	28.71 -0.77 0.00	25.39 -0.68 0.00	22.61 -0.58 0.00	20.69 -0.44 0.00
SENECA___115KV_TB3 355854	20.78 -1.19 0.00	19.09 -1.05 0.00	18.94 -1.14 0.00	18.70 -1.24 0.00	19.01 -1.19 0.00	22.48 -1.33 0.00	30.63 -1.82 0.00	33.30 -2.09 0.00	28.00 -1.35 0.00	24.59 -1.16 0.00	23.04 -0.66 0.00	22.44 -0.81 0.00	22.49 -0.84 0.00	24.15 -0.72 0.00	24.60 -0.89 0.00	25.92 -1.57 0.00	30.17 -1.76 0.00	40.27 -3.98 0.01	36.30 -3.07 0.00	32.06 -2.49 0.00	27.27 -2.21 0.00	24.39 -1.67 0.00	21.87 -1.32 0.00	20.27 -0.87 0.00
SENECA___ENERGY 23797	21.40 -0.57 0.00	19.64 -0.50 0.00	19.56 -0.52 0.00	19.34 -0.60 0.00	19.66 -0.54 0.00	23.26 -0.55 0.00	31.73 -0.71 0.00	34.57 -0.81 0.00	28.79 -0.56 0.00	25.23 -0.51 0.00	23.28 -0.43 0.00	22.79 -0.46 0.00	22.84 -0.49 0.00	24.40 -0.47 0.00	24.98 -0.51 0.00	26.77 -0.71 0.00	31.19 -0.73 0.00	42.80 -1.46 0.00	38.23 -1.14 0.00	33.54 -1.00 0.00	28.63 -0.86 0.00	25.36 -0.70 0.00	22.56 -0.62 0.00	20.67 -0.47 0.00
SHOEMAKER___GT 23640	22.87 0.90 0.00	20.89 0.75 0.00	20.82 0.74 0.00	20.71 0.78 0.00	20.99 0.79 0.00	24.71 0.90 0.00	33.65 1.20 0.00	36.69 1.31 0.00	30.55 1.20 0.00	26.83 1.08 0.00	24.70 1.00 0.00	24.24 0.98 0.00	24.39 1.05 0.00	25.92 1.04 0.00	26.59 1.10 0.00	28.77 1.29 0.00	33.42 1.50 0.00	46.56 2.30 0.00	41.42 2.05 0.00	36.30 1.76 0.00	31.07 1.59 0.00	27.42 1.35 0.00	24.42 1.23 0.00	22.08 0.95 0.00
SHOEMAKR_138KV_BK 111 55601	22.87 0.90 0.00	20.89 0.75 0.00	20.84 0.76 0.00	20.71 0.78 0.00	20.97 0.77 0.00	24.71 0.90 0.00	33.68 1.23 0.00	36.69 1.31 0.00	30.55 1.20 0.00	26.86 1.11 0.00	24.73 1.02 0.00	24.26 1.00 0.00	24.41 1.07 0.00	25.92 1.04 0.00	26.59 1.10 0.00	28.77 1.29 0.00	33.42 1.50 0.00	46.56 2.30 0.00	41.42 2.05 0.00	36.34 1.80 0.00	31.07 1.59 0.00	27.44 1.38 0.00	24.42 1.23 0.00	22.02 0.89 0.00
SHOREHAM_IC_1 23715	22.98 1.01 0.00	21.01 0.87 0.00	21.08 1.00 0.00	20.73 0.80 0.00	20.93 0.73 0.00	24.88 1.07 0.00	33.15 0.71 0.01	36.84 1.45 0.00	30.70 1.35 0.00	27.22 1.47 0.00	25.41 1.71 0.00	25.14 1.79 -0.09	25.04 1.70 0.00	27.84 1.84 -1.12	29.06 2.19 -1.37	30.45 2.97 0.00	36.09 3.61 -0.56	53.80 4.60 -4.94	43.39 4.02 0.00	37.93 3.39 0.00	32.46 2.98 0.00	30.19 2.87 -1.26	28.64 2.64 -2.81	23.82 2.20 -0.49
SHOREHAM_IC_2 23716	22.98 1.01 0.00	21.01 0.87 0.00	21.08 1.00 0.00	20.73 0.80 0.00	20.93 0.73 0.00	24.88 1.07 0.00	33.15 0.71 0.01	36.84 1.45 0.00	30.70 1.35 0.00	27.22 1.47 0.00	25.41 1.71 0.00	25.14 1.79 -0.09	25.04 1.70 0.00	27.84 1.84 -1.12	29.06 2.19 -1.37	30.45 2.97 0.00	36.09 3.61 -0.56	53.80 4.60 -4.94	43.39 4.02 0.00	37.93 3.39 0.00	32.46 2.98 0.00	30.19 2.87 -1.26	28.64 2.64 -2.81	23.82 2.20 -0.49
SISSONVILLE____ 23735	23.11 1.14 0.00	21.31 1.17 0.00	21.29 1.20 0.00	21.13 1.20 0.00	21.41 1.21 0.00	25.41 1.60 0.00	35.30 2.86 0.00	38.46 3.08 0.00	31.32 1.97 0.00	27.14 1.39 0.00	24.75 1.04 0.00	24.17 0.91 0.00	24.03 0.70 0.00	25.72 0.85 0.00	26.26 0.76 0.00	28.50 1.02 0.00	33.39 1.47 0.00	47.09 2.83 0.00	41.85 2.68 0.20	31.31 2.38 5.61	25.04 1.53 5.97	21.07 1.22 6.22	20.69 0.63 3.13	17.64 0.66 4.15
SITHE_IND_GS1 24169	21.20 -0.77 0.00	19.48 -0.66 0.00	19.42 -0.66 0.00	19.24 -0.70 0.00	19.52 -0.69 0.00	23.00 -0.81 0.00	31.21 -1.23 0.00	34.00 -1.38 0.00	28.26 -1.09 0.00	24.77 -0.98 0.00	22.83 -0.88 0.00	22.40 -0.86 0.00	22.45 -0.89 0.00	23.96 -0.92 0.00	24.55 -0.94 0.00	26.41 -1.07 0.00	30.71 -1.21 0.00	42.49 -1.77 0.00	37.84 -1.54 0.00	33.20 -1.35 0.00	28.30 -1.18 0.00	25.05 -1.02 0.00	22.31 -0.88 0.00	20.46 -0.68 0.00
SITHE_IND_GS2 24170	21.20 -0.77 0.00	19.48 -0.66 0.00	19.42 -0.66 0.00	19.24 -0.70 0.00	19.52 -0.69 0.00	23.00 -0.81 0.00	31.21 -1.23 0.00	34.00 -1.38 0.00	28.26 -1.09 0.00	24.77 -0.98 0.00	22.83 -0.88 0.00	22.40 -0.86 0.00	22.45 -0.89 0.00	23.96 -0.92 0.00	24.55 -0.94 0.00	26.41 -1.07 0.00	30.71 -1.21 0.00	42.49 -1.77 0.00	37.84 -1.54 0.00	33.20 -1.35 0.00	28.30 -1.18 0.00	25.05 -1.02 0.00	22.31 -0.88 0.00	20.46 -0.68 0.00
SITHE_IND_GS3 24171	21.20 -0.77 0.00	19.48 -0.66 0.00	19.42 -0.66 0.00	19.24 -0.70 0.00	19.52 -0.69 0.00	23.00 -0.81 0.00	31.21 -1.23 0.00	34.00 -1.38 0.00	28.26 -1.09 0.00	24.77 -0.98 0.00	22.83 -0.88 0.00	22.40 -0.86 0.00	22.45 -0.89 0.00	23.96 -0.92 0.00	24.55 -0.94 0.00	26.41 -1.07 0.00	30.71 -1.21 0.00	42.49 -1.77 0.00	37.84 -1.54 0.00	33.20 -1.35 0.00	28.30 -1.18 0.00	25.05 -1.02 0.00	22.31 -0.88 0.00	20.46 -0.68 0.00
SITHE_IND_GS4 24172	21.20 -0.77 0.00	19.48 -0.66 0.00	19.42 -0.66 0.00	19.24 -0.70 0.00	19.52 -0.69 0.00	23.00 -0.81 0.00	31.21 -1.23 0.00	34.00 -1.38 0.00	28.26 -1.09 0.00	24.77 -0.98 0.00	22.83 -0.88 0.00	22.40 -0.86 0.00	22.45 -0.89 0.00	23.96 -0.92 0.00	24.55 -0.94 0.00	26.41 -1.07 0.00	30.71 -1.21 0.00	42.49 -1.77 0.00	37.84 -1.54 0.00	33.20 -1.35 0.00	28.30 -1.18 0.00	25.05 -1.02 0.00	22.31 -0.88 0.00	20.46 -0.68 0.00



SITHE___BATAVIA 24024	20.87 -1.10 0.00	19.19 -0.95 0.00	19.12 -0.96 0.00	18.76 -1.18 0.00	19.09 -1.11 0.00	22.74 -1.07 0.00	30.99 -1.46 0.00	33.72 -1.66 0.00	28.26 -1.09 0.00	24.77 -0.98 0.00	23.09 -0.62 0.00	22.51 -0.75 0.00	22.61 -0.72 0.00	24.23 -0.65 0.00	24.73 -0.76 0.00	25.97 -1.51 0.00	30.36 -1.56 0.00	40.85 -3.41 0.00	36.66 -2.72 0.00	32.30 -2.24 0.00	27.51 -1.97 0.00	24.55 -1.51 0.00	21.98 -1.21 0.00	20.39 -0.74 0.00
SITHE___INDEPEND 23800	21.20 -0.77 0.00	19.48 -0.66 0.00	19.40 -0.68 0.00	19.24 -0.70 0.00	19.52 -0.69 0.00	23.00 -0.81 0.00	31.18 -1.27 0.00	34.00 -1.38 0.00	28.26 -1.09 0.00	24.77 -0.98 0.00	22.83 -0.88 0.00	22.40 -0.86 0.00	22.45 -0.89 0.00	23.95 -0.92 0.00	24.55 -0.94 0.00	26.41 -1.07 0.00	30.71 -1.21 0.00	42.49 -1.77 0.00	37.84 -1.54 0.00	33.20 -1.35 0.00	28.30 -1.18 0.00	25.05 -1.02 0.00	22.33 -0.86 0.00	20.50 -0.63 0.00
SITHE___MASSENA 23902	22.04 0.07 0.00	20.28 0.14 0.00	20.18 0.10 0.00	20.05 0.12 0.00	20.30 0.10 0.00	23.93 0.12 0.00	32.87 0.42 0.00	35.88 0.50 0.00	29.47 0.12 0.00	25.80 0.05 0.00	23.71 0.00 0.00	23.24 -0.02 0.00	23.31 -0.02 0.00	24.88 0.00 0.00	25.44 -0.05 0.00	27.35 -0.14 0.00	31.76 -0.16 0.00	44.08 -0.18 0.00	38.63 -0.23 0.51	20.35 -0.21 13.99	14.40 -0.20 14.88	10.38 -0.18 15.51	15.21 -0.19 7.79	10.62 -0.17 10.34
SITHE___OGDNSBRG 24021	23.79 1.82 0.00	21.97 1.83 0.00	21.97 1.89 0.00	21.81 1.87 0.00	22.10 1.90 0.00	26.36 2.55 0.00	36.79 4.35 0.00	39.98 4.60 0.00	32.34 2.99 0.00	27.86 2.11 0.00	25.32 1.61 0.00	24.70 1.44 0.00	24.52 1.19 0.00	26.24 1.37 0.00	26.79 1.30 0.00	29.21 1.73 0.00	34.38 2.46 0.00	49.04 4.78 0.00	43.73 4.57 0.20	33.01 4.08 5.61	26.34 2.83 5.97	22.14 2.29 6.22	21.43 1.37 3.13	18.36 1.37 4.15
SITHE___STERLING 23777	22.50 0.53 0.00	20.64 0.50 0.00	20.60 0.52 0.00	20.41 0.48 0.00	20.71 0.51 0.00	24.48 0.67 0.00	33.45 1.01 0.00	36.48 1.10 0.00	30.23 0.88 0.00	26.52 0.77 0.00	24.35 0.64 0.00	23.86 0.60 0.00	23.85 0.51 0.00	25.47 0.60 0.00	26.13 0.64 0.00	28.31 0.82 0.00	32.97 1.05 0.00	45.85 1.59 0.00	40.83 1.46 0.00	35.79 1.24 0.00	30.40 0.91 0.00	26.84 0.78 0.00	23.72 0.53 0.00	21.68 0.55 0.00
SLEIGHT__34_KV_TB1 80719	21.07 -0.90 0.00	19.33 -0.81 0.00	19.16 -0.92 0.00	19.00 -0.94 0.00	19.31 -0.89 0.00	22.93 -0.88 0.00	31.12 -1.33 0.00	34.08 -1.31 0.00	28.44 -0.91 0.00	24.90 -0.85 0.00	23.04 -0.66 0.00	22.54 -0.72 0.00	22.56 -0.77 0.00	24.18 -0.70 0.00	24.78 -0.71 0.00	26.38 -1.10 0.00	30.74 -1.18 0.00	42.18 -2.08 0.00	37.60 -1.77 0.00	32.99 -1.55 0.00	28.10 -1.39 0.00	24.92 -1.15 0.00	22.24 -0.95 0.00	20.41 -0.72 0.00
SOUTH CAIRO___GT 23612	23.29 1.32 0.00	21.21 1.07 0.00	21.19 1.10 0.00	21.07 1.14 0.00	21.41 1.21 0.00	25.31 1.50 0.00	34.59 2.14 0.00	37.40 2.02 0.00	30.96 1.61 0.00	26.93 1.18 0.00	24.73 1.02 0.00	24.07 0.81 0.00	24.22 0.89 0.00	25.80 0.92 0.00	26.62 1.12 0.00	28.86 1.37 0.00	33.65 1.72 0.00	47.31 3.05 0.00	42.13 2.76 0.00	36.82 2.28 0.00	31.40 1.92 0.00	27.68 1.62 0.00	24.56 1.37 0.00	22.23 1.10 0.00
SOUTH HAMPTN___IC 23720	23.22 1.25 0.00	21.23 1.09 0.00	21.31 1.23 0.00	20.95 1.02 0.00	21.13 0.93 0.00	25.14 1.33 0.00	33.54 1.10 0.01	37.26 1.87 0.00	31.05 1.70 0.00	27.58 1.83 0.00	25.75 2.04 0.00	25.49 2.14 -0.09	25.39 2.05 0.00	28.21 2.21 -1.12	29.39 2.52 -1.37	30.72 3.24 0.00	36.44 3.96 -0.56	54.36 5.18 -4.93	43.82 4.45 0.00	38.20 3.66 0.00	32.61 3.12 0.00	30.29 2.97 -1.26	28.66 2.67 -2.81	23.86 2.24 -0.49
SOUTHDOW_115KV_TB1 355954	21.09 -0.88 0.00	19.33 -0.81 0.00	19.22 -0.86 0.00	18.96 -0.98 0.00	19.37 -0.83 0.00	22.86 -0.95 0.00	31.41 -1.04 0.00	34.36 -1.03 0.00	28.73 -0.62 0.00	25.18 -0.57 0.00	23.61 -0.09 0.00	22.98 -0.28 0.00	23.03 -0.30 0.00	24.75 -0.12 0.00	25.14 -0.36 0.00	26.47 -1.02 0.00	30.84 -1.09 0.00	41.24 -3.01 0.01	37.13 -2.24 0.00	32.75 -1.80 0.00	27.83 -1.65 0.00	24.84 -1.22 0.00	22.21 -0.97 0.00	20.44 -0.70 0.00
SOUTHOLD_69_KV_BK 2 55809	23.49 1.52 0.00	21.49 1.35 0.00	21.67 1.59 0.00	21.45 1.51 0.00	21.35 1.15 0.00	25.48 1.67 0.00	34.06 1.62 0.01	37.76 2.37 0.00	31.46 2.11 0.00	28.04 2.29 0.00	26.08 2.37 0.00	25.84 2.49 -0.09	25.71 2.38 0.00	28.59 2.59 -1.12	29.75 2.88 -1.37	30.78 3.30 0.00	36.89 4.41 -0.56	55.03 5.84 -4.93	44.29 4.92 0.00	38.55 4.01 0.00	32.87 3.39 0.00	30.40 3.08 -1.26	28.62 2.62 -2.81	23.73 2.11 -0.49
SOUTHOLD___IC 23719	23.49 1.51 0.00	21.45 1.31 0.00	21.53 1.45 0.00	21.19 1.26 0.00	21.35 1.15 0.00	25.45 1.64 0.00	34.00 1.56 0.01	37.76 2.37 0.00	31.46 2.11 0.00	27.94 2.19 0.00	26.08 2.37 0.00	25.84 2.49 -0.09	25.69 2.36 0.00	28.59 2.59 -1.12	29.74 2.88 -1.37	31.08 3.60 0.00	36.89 4.41 -0.56	55.03 5.84 -4.93	44.29 4.92 0.00	38.55 4.01 0.00	32.75 3.27 0.00	30.37 3.05 -1.26	28.62 2.62 -2.81	23.84 2.22 -0.49
SOUTH_FORK_WT_PWR 323839	23.49 1.51 0.00	21.45 1.31 0.00	21.55 1.47 0.00	21.19 1.26 0.00	21.35 1.15 0.00	25.45 1.64 0.00	34.00 1.56 0.01	37.76 2.37 0.00	31.49 2.14 0.00	27.96 2.21 0.00	26.10 2.39 0.00	25.86 2.51 -0.09	25.72 2.38 0.00	28.61 2.61 -1.12	29.77 2.91 -1.37	31.11 3.63 0.00	36.92 4.44 -0.56	55.03 5.84 -4.93	44.25 4.88 0.00	38.41 3.87 0.00	32.58 3.09 0.00	30.19 2.87 -1.26	28.43 2.43 -2.81	23.65 2.03 -0.49
SPIERFLS_115KV_TB 1 80737	22.89 0.92 0.00	20.89 0.75 0.00	20.80 0.72 0.00	20.67 0.74 0.00	20.97 0.77 0.00	24.71 0.90 0.00	33.84 1.40 0.00	36.73 1.34 0.00	30.46 1.12 0.00	26.70 0.95 0.00	24.61 0.90 0.00	24.12 0.86 0.00	24.13 0.79 0.00	25.72 0.85 0.00	26.44 0.94 0.00	28.61 1.13 0.00	33.17 1.24 0.00	46.52 2.26 0.00	41.34 1.97 0.00	36.10 1.55 0.00	30.78 1.30 0.00	27.16 1.09 0.00	24.11 0.93 0.00	22.44 1.31 0.00
ST LAWRENCE____ 23600	21.84 -0.13 0.00	20.06 -0.08 0.00	19.98 -0.10 0.00	19.85 -0.08 0.00	20.10 -0.10 0.00	23.69 -0.12 0.00	32.45 0.00 0.00	35.42 0.04 0.00	29.14 -0.20 0.00	25.54 -0.21 0.00	23.47 -0.24 0.00	23.03 -0.23 0.00	23.10 -0.23 0.00	24.63 -0.25 0.00	25.21 -0.28 0.00	27.10 -0.38 0.00	31.44 -0.48 0.00	43.60 -0.66 0.00	38.23 -0.63 0.51	20.00 -0.55 13.99	14.13 -0.47 14.88	10.11 -0.44 15.51	15.00 -0.39 7.79	10.43 -0.36 10.34
STATE_CA_115KV_115_LB 55624	22.85 0.88 0.00	20.87 0.73 0.00	20.82 0.74 0.00	20.69 0.76 0.00	20.97 0.77 0.00	24.69 0.88 0.00	33.71 1.27 0.00	36.69 1.31 0.00	30.52 1.17 0.00	26.78 1.03 0.00	24.68 0.97 0.00	24.21 0.95 0.00	24.31 0.98 0.00	25.89 1.02 0.00	26.59 1.10 0.00	28.75 1.26 0.00	33.36 1.44 0.00	46.47 2.21 0.00	41.30 1.93 0.00	36.20 1.66 0.00	30.90 1.42 0.00	27.31 1.25 0.00	24.23 1.04 0.00	21.98 0.85 0.00



STATE_ST_34_KV_LOAD 55959	21.66 -0.31 0.00	19.88 -0.26 0.00	19.78 -0.30 0.00	19.60 -0.34 0.00	19.90 -0.30 0.00	23.55 -0.26 0.00	32.02 -0.42 0.00	35.00 -0.39 0.00	29.11 -0.23 0.00	25.52 -0.23 0.00	23.49 -0.21 0.00	23.03 -0.23 0.00	23.05 -0.28 0.00	24.65 -0.22 0.00	25.29 -0.20 0.00	27.18 -0.30 0.00	31.63 -0.29 0.00	43.68 -0.58 0.00	38.98 -0.39 0.00	34.13 -0.41 0.00	29.10 -0.38 0.00	25.75 -0.31 0.00	22.91 -0.28 0.00	20.94 -0.19 0.00
STATION_5_MISC_HYD 23604	20.98 -0.99 0.00	19.29 -0.85 0.00	19.20 -0.88 0.00	18.90 -1.04 0.00	19.21 -0.99 0.00	22.81 -1.00 0.00	30.95 -1.49 0.00	33.72 -1.66 0.00	28.17 -1.17 0.00	24.72 -1.03 0.00	22.95 -0.76 0.00	22.44 -0.81 0.00	22.52 -0.82 0.00	24.08 -0.80 0.00	24.65 -0.84 0.00	26.11 -1.37 0.00	30.45 -1.47 0.00	41.43 -2.83 0.00	37.01 -2.36 0.00	32.54 -2.00 0.00	27.74 -1.74 0.00	24.68 -1.38 0.00	22.05 -1.14 0.00	20.39 -0.74 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	21.29 -0.68 0.00	19.56 -0.58 0.00	19.34 -0.74 0.00	19.20 -0.74 0.00	19.52 -0.69 0.00	23.19 -0.62 0.00	31.51 -0.94 0.00	34.46 -0.92 0.00	28.76 -0.59 0.00	25.16 -0.59 0.00	23.33 -0.38 0.00	22.82 -0.44 0.00	22.82 -0.51 0.00	24.45 -0.42 0.00	25.06 -0.43 0.00	26.63 -0.85 0.00	31.09 -0.83 0.00	42.53 -1.73 0.00	37.91 -1.46 0.00	33.27 -1.28 0.00	28.36 -1.12 0.00	25.15 -0.91 0.00	22.45 -0.74 0.00	20.60 -0.53 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	20.89 -1.08 0.00	19.21 -0.93 0.00	19.00 -1.08 0.00	18.84 -1.10 0.00	19.15 -1.05 0.00	22.74 -1.07 0.00	30.82 -1.62 0.00	33.72 -1.66 0.00	28.18 -1.17 0.00	24.67 -1.08 0.00	22.92 -0.78 0.00	22.42 -0.84 0.00	22.45 -0.89 0.00	24.08 -0.80 0.00	24.63 -0.87 0.00	26.11 -1.37 0.00	30.45 -1.47 0.00	41.47 -2.79 0.00	37.05 -2.32 0.00	32.57 -1.97 0.00	27.74 -1.74 0.00	24.63 -1.43 0.00	22.03 -1.16 0.00	20.31 -0.82 0.00
STA_56___34_KV_BUS2 355983	20.89 -1.08 0.00	19.21 -0.93 0.00	19.00 -1.08 0.00	18.84 -1.10 0.00	19.15 -1.05 0.00	22.74 -1.07 0.00	30.82 -1.62 0.00	33.72 -1.66 0.00	28.18 -1.17 0.00	24.67 -1.08 0.00	22.92 -0.78 0.00	22.42 -0.84 0.00	22.45 -0.89 0.00	24.08 -0.80 0.00	24.63 -0.87 0.00	26.11 -1.37 0.00	30.45 -1.47 0.00	41.47 -2.79 0.00	37.05 -2.32 0.00	32.57 -1.97 0.00	27.74 -1.74 0.00	24.63 -1.43 0.00	22.03 -1.16 0.00	20.31 -0.82 0.00
STA_67___115KV_BK2 355882	20.94 -1.03 0.00	19.25 -0.89 0.00	19.04 -1.04 0.00	18.88 -1.06 0.00	19.17 -1.03 0.00	22.76 -1.05 0.00	30.86 -1.59 0.00	33.69 -1.70 0.00	28.18 -1.17 0.00	24.67 -1.08 0.00	22.92 -0.78 0.00	22.42 -0.84 0.00	22.45 -0.89 0.00	24.08 -0.80 0.00	24.63 -0.87 0.00	26.11 -1.37 0.00	30.42 -1.50 0.00	41.38 -2.88 0.00	37.01 -2.36 0.00	32.54 -2.00 0.00	27.71 -1.77 0.00	24.63 -1.43 0.00	22.05 -1.14 0.00	20.35 -0.78 0.00
STA_7___115KV_9TRANS 80674	21.05 -0.92 0.00	19.35 -0.79 0.00	19.12 -0.96 0.00	18.96 -0.98 0.00	19.27 -0.93 0.00	22.91 -0.90 0.00	31.28 -1.17 0.00	34.25 -1.13 0.00	28.62 -0.73 0.00	25.05 -0.70 0.00	23.28 -0.43 0.00	22.77 -0.49 0.00	22.80 -0.54 0.00	24.48 -0.40 0.00	25.06 -0.43 0.00	26.49 -0.99 0.00	30.93 -0.99 0.00	42.14 -2.12 0.00	37.56 -1.81 0.00	33.02 -1.52 0.00	28.10 -1.39 0.00	24.97 -1.09 0.00	22.33 -0.86 0.00	20.46 -0.68 0.00
STA_82___115KV_TB1 80780	20.94 -1.03 0.00	19.25 -0.89 0.00	19.04 -1.04 0.00	18.88 -1.06 0.00	19.19 -1.01 0.00	22.79 -1.02 0.00	30.89 -1.56 0.00	33.76 -1.63 0.00	28.20 -1.14 0.00	24.72 -1.03 0.00	22.97 -0.73 0.00	22.47 -0.79 0.00	22.47 -0.86 0.00	24.10 -0.77 0.00	24.68 -0.82 0.00	26.14 -1.35 0.00	30.49 -1.44 0.00	41.47 -2.79 0.00	37.05 -2.32 0.00	32.57 -1.97 0.00	27.74 -1.74 0.00	24.66 -1.41 0.00	22.07 -1.11 0.00	20.35 -0.78 0.00
STEEL___WIND 323596	20.76 -1.21 0.00	19.07 -1.07 0.00	19.04 -1.05 0.00	18.68 -1.26 0.00	19.01 -1.19 0.00	22.48 -1.33 0.00	30.76 -1.69 0.00	33.30 -2.09 0.00	27.97 -1.38 0.00	24.59 -1.16 0.00	23.02 -0.69 0.00	22.42 -0.84 0.00	22.56 -0.77 0.00	24.13 -0.75 0.00	24.58 -0.92 0.00	25.86 -1.62 0.00	30.13 -1.79 0.00	40.23 -4.03 0.01	36.26 -3.11 0.00	32.06 -2.49 0.00	27.30 -2.18 0.00	24.42 -1.64 0.00	21.84 -1.35 0.00	20.31 -0.82 0.00
STEPHTWN_115KV_BK_2 55603	22.96 0.99 0.00	20.97 0.83 0.00	20.90 0.82 0.00	20.77 0.84 0.00	21.07 0.87 0.00	24.81 1.00 0.00	33.94 1.49 0.00	36.91 1.52 0.00	30.67 1.32 0.00	26.91 1.16 0.00	24.77 1.07 0.00	24.33 1.07 0.00	24.41 1.07 0.00	26.02 1.14 0.00	26.72 1.22 0.00	28.91 1.43 0.00	33.55 1.63 0.00	46.83 2.57 0.00	41.62 2.24 0.00	36.44 1.90 0.00	31.10 1.62 0.00	27.47 1.41 0.00	24.35 1.16 0.00	22.08 0.95 0.00
STEUBEN_REC_LFGE 323667	21.11 -0.86 0.00	19.39 -0.75 0.00	19.22 -0.86 0.00	18.98 -0.96 0.00	19.31 -0.89 0.00	22.86 -0.95 0.00	31.25 -1.20 0.00	34.18 -1.20 0.00	28.53 -0.82 0.00	24.98 -0.77 0.00	23.21 -0.50 0.00	22.65 -0.60 0.00	22.70 -0.63 0.00	24.35 -0.52 0.00	24.83 -0.66 0.00	26.38 -1.10 0.00	30.68 -1.24 0.00	41.34 -2.92 0.00	37.09 -2.28 0.00	32.54 -2.00 0.00	27.80 -1.68 0.00	24.71 -1.36 0.00	22.07 -1.11 0.00	20.18 -0.95 0.00
STILLWATER___SOLAR 323814	23.05 1.08 0.00	21.05 0.91 0.00	20.96 0.88 0.00	20.85 0.92 0.00	21.13 0.93 0.00	24.91 1.10 0.00	34.04 1.59 0.00	37.01 1.63 0.00	30.73 1.38 0.00	26.96 1.21 0.00	24.82 1.11 0.00	24.35 1.09 0.00	24.39 1.05 0.00	26.02 1.14 0.00	26.72 1.22 0.00	28.91 1.43 0.00	33.55 1.63 0.00	46.87 2.61 0.00	41.65 2.28 0.00	36.44 1.90 0.00	31.07 1.59 0.00	27.44 1.38 0.00	24.37 1.18 0.00	22.13 0.99 0.00
STONY___BROOK 24151	23.16 1.19 0.00	21.15 1.01 0.00	21.14 1.06 0.00	20.87 0.94 0.00	21.07 0.87 0.00	25.07 1.26 0.00	33.35 0.91 0.01	37.05 1.66 0.00	30.90 1.55 0.00	27.63 1.88 0.00	25.75 2.04 0.00	25.53 2.19 -0.09	25.44 2.10 0.00	28.27 2.26 -1.13	29.27 2.40 -1.38	30.31 2.83 0.00	35.87 3.38 -0.56	53.77 4.56 -4.95	43.39 4.02 0.00	37.96 3.42 0.00	32.37 2.89 0.00	30.14 2.82 -1.26	28.62 2.62 -2.81	23.79 2.18 -0.49
STURGEON_POOL_HYD 23609	22.78 0.81 0.00	20.78 0.64 0.00	20.78 0.70 0.00	20.65 0.72 0.00	20.93 0.73 0.00	24.69 0.88 0.00	33.61 1.17 0.00	36.66 1.27 0.00	30.52 1.17 0.00	26.80 1.06 0.00	24.68 0.97 0.00	24.21 0.95 0.00	24.38 1.05 0.00	25.87 0.99 0.00	26.56 1.07 0.00	28.77 1.29 0.00	33.42 1.50 0.00	46.56 2.30 0.00	41.38 2.01 0.00	36.31 1.76 0.00	31.07 1.59 0.00	27.44 1.38 0.00	24.42 1.23 0.00	21.98 0.85 0.00
ST_LAW_115_BK7_LBMP 345037	21.84 -0.13 0.00	20.06 -0.08 0.00	19.98 -0.10 0.00	19.85 -0.08 0.00	20.10 -0.10 0.00	23.69 -0.12 0.00	32.45 0.00 0.00	35.42 0.04 0.00	29.14 -0.20 0.00	25.54 -0.21 0.00	23.47 -0.24 0.00	23.03 -0.23 0.00	23.08 -0.26 0.00	24.63 -0.25 0.00	25.21 -0.28 0.00	27.10 -0.38 0.00	31.44 -0.48 0.00	43.60 -0.66 0.00	38.23 -0.63 0.51	20.00 -0.55 13.99	14.13 -0.47 14.88	10.11 -0.44 15.51	15.00 -0.39 7.79	10.41 -0.38 10.34



ST_LAW_115_BK8_LBMP 345038	21.84 -0.13 0.00	20.06 -0.08 0.00	19.98 -0.10 0.00	19.85 -0.08 0.00	20.10 -0.10 0.00	23.69 -0.12 0.00	32.45 0.00 0.00	35.42 0.04 0.00	29.14 -0.20 0.00	25.54 -0.21 0.00	23.47 -0.24 0.00	23.03 -0.23 0.00	23.08 -0.26 0.00	24.63 -0.25 0.00	25.21 -0.28 0.00	27.10 -0.38 0.00	31.44 -0.48 0.00	43.60 -0.66 0.00	38.23 -0.63 0.51	20.00 -0.55 13.99	14.13 -0.47 14.88	10.11 -0.44 15.51	15.00 -0.39 7.79	10.41 -0.38 10.34
ST_LAW_230_BK5_LBMP 345035	21.84 -0.13 0.00	20.06 -0.08 0.00	19.98 -0.10 0.00	19.85 -0.08 0.00	20.10 -0.10 0.00	23.69 -0.12 0.00	32.45 0.00 0.00	35.42 0.04 0.00	29.14 -0.20 0.00	25.54 -0.21 0.00	23.47 -0.24 0.00	23.03 -0.23 0.00	23.10 -0.23 0.00	24.63 -0.25 0.00	25.21 -0.28 0.00	27.10 -0.38 0.00	31.44 -0.48 0.00	43.60 -0.66 0.00	38.23 -0.63 0.51	20.00 -0.55 13.99	14.13 -0.47 14.88	10.11 -0.44 15.51	15.00 -0.39 7.79	10.43 -0.36 10.34
ST_LAW_230_BK6_LBMP 345036	21.84 -0.13 0.00	20.06 -0.08 0.00	19.98 -0.10 0.00	19.85 -0.08 0.00	20.10 -0.10 0.00	23.69 -0.12 0.00	32.45 0.00 0.00	35.42 0.04 0.00	29.14 -0.20 0.00	25.54 -0.21 0.00	23.47 -0.24 0.00	23.03 -0.23 0.00	23.10 -0.23 0.00	24.63 -0.25 0.00	25.21 -0.28 0.00	27.10 -0.38 0.00	31.44 -0.48 0.00	43.60 -0.66 0.00	38.23 -0.63 0.51	20.00 -0.55 13.99	14.13 -0.47 14.88	10.11 -0.44 15.51	15.00 -0.39 7.79	10.43 -0.36 10.34
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	22.96 0.99 0.00	20.97 0.83 0.00	20.92 0.84 0.00	20.77 0.84 0.00	21.05 0.85 0.00	24.81 1.00 0.00	33.81 1.36 0.00	36.87 1.49 0.00	30.73 1.38 0.00	27.01 1.26 0.00	24.87 1.16 0.00	24.42 1.16 0.00	24.57 1.24 0.00	26.09 1.22 0.00	26.74 1.25 0.00	28.97 1.48 0.00	33.65 1.72 0.00	46.87 2.61 0.00	41.66 2.28 0.00	36.55 2.00 0.00	31.28 1.80 0.00	27.63 1.56 0.00	24.58 1.39 0.00	22.15 1.01 0.00
SWANROAD_115KV_TB1 355699	20.02 -1.96 0.00	18.41 -1.73 0.00	18.21 -1.87 0.00	18.02 -1.91 0.00	18.30 -1.90 0.00	21.67 -2.14 0.00	29.36 -3.08 0.00	31.85 -3.54 0.00	26.80 -2.55 0.00	23.56 -2.19 0.00	22.09 -1.61 0.00	21.54 -1.72 0.00	21.56 -1.77 0.00	23.16 -1.72 0.00	23.58 -1.91 0.00	24.84 -2.64 0.00	28.89 -3.03 0.00	38.41 -5.84 0.01	34.69 -4.69 0.00	30.71 -3.83 0.00	26.12 -3.36 0.00	23.40 -2.66 0.00	21.01 -2.18 0.00	19.57 -1.56 0.00
SYNERGY___BIOGAS 323694	20.87 -1.10 0.00	19.19 -0.95 0.00	19.12 -0.96 0.00	18.76 -1.18 0.00	19.09 -1.11 0.00	22.74 -1.07 0.00	30.99 -1.46 0.00	33.72 -1.66 0.00	28.26 -1.09 0.00	24.77 -0.98 0.00	23.09 -0.62 0.00	22.51 -0.75 0.00	22.61 -0.72 0.00	24.23 -0.65 0.00	24.73 -0.76 0.00	25.97 -1.51 0.00	30.36 -1.56 0.00	40.85 -3.41 0.00	36.66 -2.72 0.00	32.30 -2.24 0.00	27.51 -1.97 0.00	24.55 -1.51 0.00	21.98 -1.21 0.00	20.39 -0.74 0.00
SYRACUSE___ENERGY_ST1 323597	21.64 -0.33 0.00	19.86 -0.28 0.00	19.76 -0.32 0.00	19.60 -0.34 0.00	19.88 -0.32 0.00	23.48 -0.33 0.00	31.89 -0.55 0.00	34.85 -0.53 0.00	28.97 -0.38 0.00	25.39 -0.36 0.00	23.37 -0.33 0.00	22.91 -0.35 0.00	22.96 -0.37 0.00	24.50 -0.37 0.00	25.14 -0.36 0.00	27.07 -0.41 0.00	31.47 -0.45 0.00	43.51 -0.75 0.00	38.78 -0.59 0.00	33.99 -0.55 0.00	28.98 -0.50 0.00	25.65 -0.42 0.00	22.84 -0.35 0.00	20.90 -0.23 0.00
SYRACUSE___ENERGY_ST2 323598	21.64 -0.33 0.00	19.86 -0.28 0.00	19.76 -0.32 0.00	19.60 -0.34 0.00	19.88 -0.32 0.00	23.48 -0.33 0.00	31.89 -0.55 0.00	34.85 -0.53 0.00	28.97 -0.38 0.00	25.39 -0.36 0.00	23.37 -0.33 0.00	22.91 -0.35 0.00	22.96 -0.37 0.00	24.50 -0.37 0.00	25.14 -0.36 0.00	27.07 -0.41 0.00	31.47 -0.45 0.00	43.51 -0.75 0.00	38.78 -0.59 0.00	33.99 -0.55 0.00	28.98 -0.50 0.00	25.65 -0.42 0.00	22.84 -0.35 0.00	20.90 -0.23 0.00
SYRACUSE___POWER 24017	21.62 -0.35 0.00	19.84 -0.30 0.00	19.74 -0.34 0.00	19.58 -0.36 0.00	19.86 -0.34 0.00	23.45 -0.36 0.00	31.89 -0.55 0.00	34.82 -0.57 0.00	28.94 -0.41 0.00	25.36 -0.39 0.00	23.37 -0.33 0.00	22.91 -0.35 0.00	22.96 -0.37 0.00	24.50 -0.37 0.00	25.14 -0.36 0.00	27.04 -0.44 0.00	31.47 -0.45 0.00	43.51 -0.75 0.00	38.78 -0.59 0.00	33.99 -0.55 0.00	28.98 -0.50 0.00	25.65 -0.42 0.00	22.82 -0.37 0.00	20.88 -0.25 0.00
TALLMAN___138KV_BK151 55660	23.07 1.10 0.00	21.07 0.93 0.00	21.00 0.92 0.00	20.87 0.94 0.00	21.13 0.93 0.00	24.93 1.12 0.00	34.00 1.56 0.00	37.08 1.70 0.00	30.90 1.56 0.00	27.22 1.47 0.00	25.06 1.35 0.00	24.63 1.37 0.00	24.78 1.45 0.00	26.29 1.42 0.00	26.97 1.48 0.00	29.19 1.70 0.00	33.90 1.98 0.00	47.22 2.97 0.00	41.97 2.60 0.00	36.82 2.28 0.00	31.52 2.03 0.00	27.84 1.77 0.00	24.76 1.58 0.00	22.29 1.16 0.00
TEALLAVE_115KV_TB7 355573	21.55 -0.42 0.00	19.78 -0.36 0.00	19.68 -0.40 0.00	19.52 -0.42 0.00	19.80 -0.40 0.00	23.38 -0.43 0.00	31.76 -0.68 0.00	34.68 -0.71 0.00	28.82 -0.53 0.00	25.28 -0.46 0.00	23.30 -0.40 0.00	22.84 -0.42 0.00	22.87 -0.47 0.00	24.43 -0.45 0.00	25.06 -0.43 0.00	26.96 -0.52 0.00	31.35 -0.57 0.00	43.33 -0.93 0.00	38.62 -0.75 0.00	33.85 -0.69 0.00	28.86 -0.62 0.00	25.54 -0.52 0.00	22.72 -0.46 0.00	20.82 -0.32 0.00
TELGRAPH_34_KV_EAST 80808	20.57 -1.41 0.00	18.91 -1.23 0.00	18.68 -1.41 0.00	18.48 -1.46 0.00	18.81 -1.39 0.00	22.31 -1.50 0.00	30.30 -2.14 0.00	33.01 -2.37 0.00	27.71 -1.64 0.00	24.31 -1.44 0.00	22.73 -0.97 0.00	22.19 -1.07 0.00	22.19 -1.14 0.00	23.86 -1.02 0.00	24.32 -1.17 0.00	25.59 -1.90 0.00	29.82 -2.11 0.00	39.92 -4.34 0.00	35.91 -3.46 0.00	31.68 -2.87 0.00	26.95 -2.54 0.00	24.11 -1.95 0.00	21.61 -1.58 0.00	20.08 -1.06 0.00
TEMPLE___115KV_TB 2 55572	21.55 -0.42 0.00	19.78 -0.36 0.00	19.68 -0.40 0.00	19.52 -0.42 0.00	19.80 -0.40 0.00	23.38 -0.43 0.00	31.76 -0.68 0.00	34.68 -0.71 0.00	28.85 -0.50 0.00	25.28 -0.46 0.00	23.30 -0.40 0.00	22.84 -0.42 0.00	22.89 -0.44 0.00	24.45 -0.42 0.00	25.06 -0.43 0.00	26.96 -0.52 0.00	31.35 -0.57 0.00	43.33 -0.93 0.00	38.62 -0.75 0.00	33.85 -0.69 0.00	28.86 -0.62 0.00	25.54 -0.52 0.00	22.75 -0.44 0.00	20.82 -0.32 0.00
TIANA____69_KV_BK 1 55817	23.16 1.19 0.00	21.21 1.07 0.00	21.37 1.29 0.00	21.17 1.24 0.00	21.07 0.87 0.00	25.12 1.31 0.00	33.51 1.07 0.01	37.15 1.77 0.00	30.96 1.61 0.00	27.60 1.85 0.00	25.67 1.97 0.00	25.42 2.07 -0.09	25.32 1.98 0.00	28.14 2.14 -1.12	29.31 2.45 -1.37	30.34 2.86 0.00	36.31 3.83 -0.56	54.19 5.00 -4.93	43.74 4.37 0.00	38.17 3.63 0.00	32.69 3.21 0.00	30.32 3.00 -1.26	28.66 2.67 -2.81	23.77 2.16 -0.49
TILDEN___115KV_TB1 80814	21.62 -0.35 0.00	19.84 -0.30 0.00	19.74 -0.34 0.00	19.58 -0.36 0.00	19.86 -0.34 0.00	23.45 -0.36 0.00	31.89 -0.55 0.00	34.82 -0.57 0.00	28.94 -0.41 0.00	25.36 -0.39 0.00	23.37 -0.33 0.00	22.91 -0.35 0.00	22.96 -0.37 0.00	24.50 -0.37 0.00	25.14 -0.36 0.00	27.04 -0.44 0.00	31.47 -0.45 0.00	43.51 -0.75 0.00	38.78 -0.59 0.00	33.99 -0.55 0.00	28.98 -0.50 0.00	25.65 -0.42 0.00	22.82 -0.37 0.00	20.88 -0.25 0.00



TRIGEN___CC 323695	23.09 1.12 0.00	21.07 0.93 0.00	21.07 0.98 0.00	20.89 0.96 0.00	21.03 0.83 0.00	24.98 1.17 0.00	33.54 1.10 0.01	37.08 1.70 0.00	30.96 1.61 0.00	27.68 1.93 0.00	25.63 1.92 0.00	25.46 2.05 -0.16	25.39 2.05 0.00	28.95 2.11 -1.96	30.03 2.14 -2.39	29.85 2.36 0.00	35.65 2.75 -0.98	56.76 3.89 -8.61	42.80 3.43 0.00	37.48 2.94 0.00	32.11 2.62 0.00	30.71 2.45 -2.19	28.20 2.20 -2.81	23.35 1.73 -0.49
TRINITY___115KV___4 BK 55933	22.78 0.81 0.00	20.82 0.68 0.00	20.80 0.72 0.00	20.65 0.72 0.00	20.93 0.73 0.00	24.67 0.86 0.00	33.65 1.20 0.00	36.62 1.24 0.00	30.46 1.12 0.00	26.75 1.00 0.00	24.63 0.92 0.00	24.19 0.93 0.00	24.27 0.93 0.00	25.85 0.97 0.00	26.54 1.05 0.00	28.69 1.21 0.00	33.29 1.37 0.00	46.38 2.12 0.00	41.22 1.85 0.00	36.13 1.59 0.00	30.84 1.36 0.00	27.26 1.20 0.00	24.21 1.02 0.00	21.96 0.82 0.00
UNION___PROCESSING_DRP 323587	20.96 -1.01 0.00	19.25 -0.89 0.00	19.04 -1.04 0.00	18.88 -1.06 0.00	19.19 -1.01 0.00	22.79 -1.02 0.00	30.89 -1.56 0.00	33.76 -1.63 0.00	28.20 -1.14 0.00	24.72 -1.03 0.00	22.97 -0.73 0.00	22.47 -0.79 0.00	22.47 -0.86 0.00	24.10 -0.77 0.00	24.68 -0.82 0.00	26.14 -1.35 0.00	30.49 -1.44 0.00	41.47 -2.79 0.00	37.05 -2.32 0.00	32.57 -1.97 0.00	27.74 -1.74 0.00	24.68 -1.38 0.00	22.07 -1.11 0.00	20.35 -0.78 0.00
UPPER HUDSON___HYD 24058	22.89 0.92 0.00	20.89 0.75 0.00	20.78 0.70 0.00	20.67 0.74 0.00	20.97 0.77 0.00	24.71 0.90 0.00	33.84 1.39 0.00	36.73 1.34 0.00	30.46 1.11 0.00	26.70 0.95 0.00	24.61 0.90 0.00	24.12 0.86 0.00	24.13 0.79 0.00	25.72 0.85 0.00	26.44 0.94 0.00	28.61 1.13 0.00	33.17 1.24 0.00	46.51 2.26 0.00	41.34 1.97 0.00	36.10 1.56 0.00	30.75 1.27 0.00	27.16 1.09 0.00	24.12 0.93 0.00	21.91 0.78 0.00
UPPER RAQUET___HYD 24056	23.11 1.14 0.00	21.31 1.17 0.00	21.29 1.20 0.00	21.13 1.20 0.00	21.41 1.21 0.00	25.41 1.60 0.00	35.30 2.86 0.00	38.46 3.08 0.00	31.32 1.97 0.00	27.16 1.42 0.00	24.75 1.04 0.00	24.17 0.91 0.00	24.06 0.72 0.00	25.72 0.85 0.00	26.26 0.76 0.00	28.50 1.02 0.00	33.39 1.47 0.00	47.09 2.84 0.00	41.85 2.68 0.20	31.31 2.38 5.61	25.07 1.56 5.97	21.07 1.23 6.22	20.69 0.63 3.13	17.64 0.66 4.15
VALLEY44_115KV_TB2 355964	21.16 -0.81 0.00	19.44 -0.70 0.00	19.30 -0.78 0.00	19.08 -0.86 0.00	19.41 -0.79 0.00	22.95 -0.86 0.00	31.44 -1.01 0.00	34.25 -1.13 0.00	28.70 -0.65 0.00	25.16 -0.59 0.00	23.49 -0.21 0.00	22.89 -0.37 0.00	22.96 -0.37 0.00	24.55 -0.32 0.00	24.98 -0.51 0.00	26.44 -1.04 0.00	30.84 -1.09 0.00	41.42 -2.83 0.00	37.44 -1.93 0.00	33.09 -1.45 0.00	28.15 -1.33 0.00	25.10 -0.96 0.00	22.45 -0.74 0.00	20.63 -0.51 0.00
VALLEY___115KV_TB 1-4 80826	22.19 0.22 0.00	20.28 0.14 0.00	20.24 0.16 0.00	20.05 0.12 0.00	20.32 0.12 0.00	23.98 0.17 0.00	32.74 0.29 0.00	35.67 0.28 0.00	29.61 0.26 0.00	26.06 0.31 0.00	24.01 0.31 0.00	23.56 0.30 0.00	23.59 0.26 0.00	25.15 0.27 0.00	25.77 0.28 0.00	27.78 0.30 0.00	32.18 0.26 0.00	44.70 0.44 0.00	39.79 0.39 -0.03	35.68 0.38 -0.75	30.58 0.29 -0.80	27.26 0.36 -0.84	23.89 0.28 -0.42	21.99 0.30 -0.56
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	23.03 1.05 0.00	21.11 0.97 0.00	21.13 1.04 0.00	20.93 1.00 0.00	21.21 1.01 0.00	25.05 1.24 0.00	34.26 1.82 0.00	37.30 1.91 0.00	30.99 1.64 0.00	27.24 1.49 0.00	25.03 1.33 0.00	24.54 1.28 0.00	24.55 1.21 0.00	26.19 1.32 0.00	26.87 1.38 0.00	29.16 1.68 0.00	33.90 1.98 0.00	47.14 2.88 0.00	41.93 2.56 0.00	36.79 2.25 0.00	31.25 1.77 0.00	27.63 1.56 0.00	24.42 1.23 0.00	22.21 1.08 0.00
VISCHER___FERRY HYD 24020	22.98 1.01 0.00	21.01 0.87 0.00	20.94 0.86 0.00	20.81 0.88 0.00	21.09 0.89 0.00	24.86 1.05 0.00	33.94 1.49 0.00	36.98 1.59 0.00	30.73 1.38 0.00	26.96 1.21 0.00	24.84 1.14 0.00	24.38 1.12 0.00	24.45 1.12 0.00	26.04 1.17 0.00	26.74 1.25 0.00	28.91 1.43 0.00	33.55 1.63 0.00	46.74 2.48 0.00	41.54 2.16 0.00	36.41 1.86 0.00	31.07 1.59 0.00	27.47 1.41 0.00	24.39 1.20 0.00	22.15 1.01 0.00
V_A_10_SYNC_DSASP 323832	20.41 -1.56 0.00	18.79 -1.35 0.00	18.71 -1.37 0.00	18.40 -1.53 0.00	18.69 -1.52 0.00	22.14 -1.67 0.00	30.11 -2.34 0.00	32.59 -2.80 0.00	27.35 -2.00 0.00	24.08 -1.67 0.00	22.43 -1.28 0.00	21.91 -1.35 0.00	22.01 -1.33 0.00	23.53 -1.34 0.00	24.01 -1.48 0.00	25.37 -2.12 0.00	29.56 -2.36 0.00	39.66 -4.60 0.00	35.67 -3.70 0.00	31.54 -3.01 0.00	26.89 -2.59 0.00	24.00 -2.06 0.00	21.47 -1.72 0.00	19.95 -1.18 0.00
V_CMM_10_SYNC_DSASP 323787	21.93 -0.04 0.00	20.16 0.02 0.00	20.08 0.00 0.00	19.95 0.02 0.00	20.20 0.00 0.00	23.81 0.00 0.00	32.64 0.20 0.00	35.63 0.25 0.00	29.32 -0.03 0.00	25.67 -0.08 0.00	23.59 -0.12 0.00	23.12 -0.14 0.00	23.20 -0.14 0.00	24.75 -0.12 0.00	25.32 -0.18 0.00	27.21 -0.27 0.00	31.60 -0.32 0.00	43.82 -0.44 0.00	38.39 -0.47 0.51	20.17 -0.38 13.99	14.25 -0.35 14.88	10.25 -0.31 15.51	15.09 -0.30 7.79	10.52 -0.28 10.34
V_CMP_10_SYNC_DSASP 323788	22.32 0.35 0.00	20.54 0.40 0.00	20.40 0.32 0.00	20.31 0.38 0.00	20.57 0.36 0.00	24.33 0.52 0.00	33.75 1.30 0.00	36.91 1.52 0.00	30.05 0.70 0.00	26.21 0.46 0.00	23.99 0.29 0.00	23.49 0.23 0.00	23.52 0.19 0.00	25.15 0.27 0.00	25.49 0.00 0.00	27.23 -0.25 0.00	31.54 -0.38 0.00	42.84 -1.42 0.00	37.49 -1.42 0.47	20.69 -1.04 12.82	14.84 -1.00 13.64	10.89 -0.96 14.21	15.30 -0.74 7.14	10.90 -0.76 9.48
V_D_10_SYNC_DSASP 323841	22.04 0.07 0.00	20.28 0.14 0.00	20.18 0.10 0.00	20.05 0.12 0.00	20.30 0.10 0.00	23.93 0.12 0.00	32.87 0.42 0.00	35.88 0.50 0.00	29.47 0.12 0.00	25.80 0.05 0.00	23.71 0.00 0.00	23.24 -0.02 0.00	23.31 -0.02 0.00	24.88 0.00 0.00	25.44 -0.05 0.00	27.35 -0.14 0.00	31.76 -0.16 0.00	44.08 -0.18 0.00	38.63 -0.23 0.51	20.35 -0.21 13.99	14.40 -0.20 14.88	10.38 -0.18 15.51	15.21 -0.19 7.79	10.62 -0.17 10.34
V_E_10_SYNC_DSASP 323830	23.44 1.47 0.00	21.53 1.39 0.00	21.51 1.43 0.00	21.23 1.29 0.00	21.51 1.31 0.00	25.60 1.79 0.00	35.20 2.76 0.00	38.22 2.83 0.00	31.55 2.20 0.00	27.60 1.85 0.00	25.18 1.47 0.00	24.65 1.40 0.00	24.55 1.21 0.00	26.29 1.42 0.00	27.02 1.53 0.00	29.49 2.01 0.00	34.51 2.58 0.00	48.11 3.85 0.00	42.76 3.39 0.00	37.38 2.83 0.00	31.49 2.01 0.00	27.76 1.69 0.00	24.30 1.11 0.00	22.25 1.12 0.00
V_F_30_NSYNC___DSASP 323816	23.07 1.10 0.00	21.07 0.93 0.00	20.99 0.90 0.00	20.87 0.94 0.00	21.15 0.95 0.00	24.91 1.10 0.00	34.07 1.62 0.00	37.01 1.63 0.00	30.73 1.38 0.00	26.96 1.21 0.00	24.82 1.11 0.00	24.35 1.09 0.00	24.41 1.07 0.00	26.02 1.14 0.00	26.74 1.25 0.00	28.91 1.43 0.00	33.55 1.63 0.00	46.87 2.61 0.00	41.65 2.28 0.00	36.44 1.90 0.00	31.10 1.62 0.00	27.47 1.41 0.00	24.37 1.18 0.00	22.15 1.01 0.00



V_F_30_SYNC_DSASP 323786	22.85 0.88 0.00	20.87 0.73 0.00	20.82 0.74 0.00	20.69 0.76 0.00	20.97 0.77 0.00	24.69 0.88 0.00	33.71 1.27 0.00	36.69 1.31 0.00	30.52 1.17 0.00	26.78 1.03 0.00	24.65 0.95 0.00	24.21 0.95 0.00	24.31 0.98 0.00	25.89 1.02 0.00	26.59 1.10 0.00	28.75 1.26 0.00	33.36 1.44 0.00	46.47 2.21 0.00	41.30 1.93 0.00	36.20 1.66 0.00	30.90 1.42 0.00	27.31 1.25 0.00	24.23 1.04 0.00	21.98 0.85 0.00
V_XM_10_SYNC_DSASP 323789	22.32 0.35 0.00	20.54 0.40 0.00	20.40 0.32 0.00	20.31 0.38 0.00	20.57 0.36 0.00	24.33 0.52 0.00	33.75 1.30 0.00	36.91 1.52 0.00	30.05 0.70 0.00	26.21 0.46 0.00	23.99 0.29 0.00	23.49 0.23 0.00	23.52 0.19 0.00	25.15 0.27 0.00	25.49 0.00 0.00	27.23 -0.25 0.00	31.54 -0.38 0.00	42.84 -1.42 0.00	37.49 -1.42 0.47	20.69 -1.04 12.82	14.84 -1.00 13.64	10.89 -0.96 14.21	15.30 -0.74 7.14	10.90 -0.76 9.48
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	23.14 1.16 0.00	21.11 0.97 0.00	21.07 0.98 0.00	20.91 0.98 0.00	21.19 0.99 0.00	25.00 1.19 0.00	34.10 1.65 0.00	37.19 1.80 0.00	30.99 1.64 0.00	27.27 1.52 0.00	25.11 1.40 0.00	24.68 1.42 0.00	24.85 1.52 0.00	26.37 1.49 0.00	27.02 1.53 0.00	29.27 1.79 0.00	34.00 2.07 0.00	47.36 3.10 0.00	42.09 2.72 0.00	36.93 2.38 0.00	31.60 2.12 0.00	27.91 1.85 0.00	24.83 1.65 0.00	22.34 1.20 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	23.38 1.41 0.00	21.31 1.17 0.00	21.23 1.14 0.00	21.09 1.16 0.00	21.35 1.15 0.00	25.24 1.43 0.00	34.46 2.01 0.00	37.65 2.26 0.00	31.43 2.08 0.00	27.71 1.96 0.00	25.51 1.80 0.00	25.17 1.91 0.00	25.32 1.98 0.00	26.84 1.97 0.00	27.48 1.99 0.00	29.82 2.34 0.00	34.54 2.62 0.00	48.11 3.85 0.00	42.68 3.31 0.00	37.41 2.87 0.00	32.05 2.56 0.00	28.28 2.22 0.00	25.18 1.99 0.00	22.63 1.50 0.00
W50THST__13_KV_LOAD 356117	23.40 1.43 0.00	21.33 1.19 0.00	21.25 1.16 0.00	21.09 1.16 0.00	21.37 1.17 0.00	25.26 1.45 0.00	34.46 2.01 0.00	37.65 2.26 0.00	31.46 2.11 0.00	27.73 1.98 0.00	25.53 1.83 0.00	25.19 1.93 0.00	25.34 2.01 0.00	26.86 1.99 0.00	27.48 1.99 0.00	29.82 2.34 0.00	34.57 2.65 0.00	48.15 3.89 0.00	42.72 3.35 0.00	37.44 2.90 0.00	32.08 2.59 0.00	28.30 2.24 0.00	25.20 2.02 0.00	22.65 1.52 0.00
WADING RIVER_IC_1 23522	22.96 0.99 0.00	20.99 0.85 0.00	21.10 1.02 0.00	20.73 0.80 0.00	20.91 0.71 0.00	24.88 1.07 0.00	33.15 0.71 0.01	36.84 1.45 0.00	30.70 1.35 0.00	27.19 1.44 0.00	25.39 1.68 0.00	25.14 1.79 -0.09	25.02 1.68 0.00	27.84 1.84 -1.12	29.06 2.19 -1.37	30.48 3.00 0.00	36.12 3.64 -0.56	53.83 4.65 -4.93	43.43 4.06 0.00	37.93 3.39 0.00	32.49 3.01 0.00	30.21 2.89 -1.26	28.64 2.64 -2.81	23.82 2.20 -0.49
WADING RIVER_IC_2 23547	22.96 0.99 0.00	20.99 0.85 0.00	21.10 1.02 0.00	20.73 0.80 0.00	20.91 0.71 0.00	24.88 1.07 0.00	33.15 0.71 0.01	36.84 1.45 0.00	30.70 1.35 0.00	27.19 1.44 0.00	25.39 1.68 0.00	25.14 1.79 -0.09	25.02 1.68 0.00	27.84 1.84 -1.12	29.06 2.19 -1.37	30.48 3.00 0.00	36.12 3.64 -0.56	53.83 4.65 -4.93	43.43 4.06 0.00	37.93 3.39 0.00	32.49 3.01 0.00	30.21 2.89 -1.26	28.64 2.64 -2.81	23.82 2.20 -0.49
WADING RIVER_IC_3 23601	22.96 0.99 0.00	20.99 0.85 0.00	21.10 1.02 0.00	20.73 0.80 0.00	20.91 0.71 0.00	24.88 1.07 0.00	33.15 0.71 0.01	36.84 1.45 0.00	30.70 1.35 0.00	27.19 1.44 0.00	25.39 1.68 0.00	25.14 1.79 -0.09	25.02 1.68 0.00	27.84 1.84 -1.12	29.06 2.19 -1.37	30.48 3.00 0.00	36.12 3.64 -0.56	53.83 4.65 -4.93	43.43 4.06 0.00	37.93 3.39 0.00	32.49 3.01 0.00	30.21 2.89 -1.26	28.64 2.64 -2.81	23.82 2.20 -0.49
WALDENNY_12_KV_BK2 80841	20.74 -1.23 0.00	19.05 -1.09 0.00	18.90 -1.18 0.00	18.66 -1.28 0.00	18.99 -1.21 0.00	22.45 -1.36 0.00	30.56 -1.88 0.00	33.26 -2.12 0.00	27.94 -1.41 0.00	24.56 -1.18 0.00	23.02 -0.69 0.00	22.42 -0.84 0.00	22.47 -0.86 0.00	24.15 -0.72 0.00	24.58 -0.92 0.00	25.89 -1.59 0.00	30.13 -1.79 0.00	40.18 -4.07 0.01	36.22 -3.15 0.00	31.99 -2.56 0.00	27.21 -2.27 0.00	24.34 -1.72 0.00	21.82 -1.37 0.00	20.22 -0.91 0.00
WALDEN__HYDRO 24148	23.03 1.05 0.00	21.01 0.87 0.00	20.98 0.90 0.00	20.83 0.90 0.00	21.11 0.91 0.00	24.91 1.10 0.00	33.94 1.49 0.00	37.01 1.63 0.00	30.82 1.47 0.00	27.06 1.31 0.00	24.92 1.21 0.00	24.45 1.19 0.00	24.62 1.28 0.00	26.12 1.24 0.00	26.82 1.33 0.00	29.02 1.54 0.00	33.74 1.82 0.00	47.05 2.79 0.00	41.81 2.44 0.00	36.68 2.14 0.00	31.37 1.89 0.00	27.70 1.64 0.00	24.65 1.46 0.00	22.19 1.06 0.00
WARRENSBURG____ 23737	22.89 0.92 0.00	20.89 0.75 0.00	20.78 0.70 0.00	20.67 0.74 0.00	20.97 0.77 0.00	24.71 0.90 0.00	33.84 1.39 0.00	36.73 1.34 0.00	30.46 1.11 0.00	26.70 0.95 0.00	24.61 0.90 0.00	24.12 0.86 0.00	24.13 0.79 0.00	25.72 0.85 0.00	26.44 0.94 0.00	28.61 1.13 0.00	33.17 1.24 0.00	46.51 2.26 0.00	41.34 1.97 0.00	36.10 1.56 0.00	30.75 1.27 0.00	27.16 1.09 0.00	24.12 0.93 0.00	21.91 0.78 0.00
WATERSIDE____6 8 9 23538	23.29 1.32 0.00	21.21 1.07 0.00	21.13 1.04 0.00	20.99 1.06 0.00	21.23 1.03 0.00	25.07 1.26 0.00	34.13 1.69 0.00	37.26 1.88 0.00	31.20 1.85 0.00	27.52 1.78 0.00	25.32 1.61 0.00	25.00 1.74 0.00	25.15 1.82 0.00	26.64 1.77 0.00	27.30 1.81 0.00	29.65 2.17 0.00	34.25 2.33 0.00	47.67 3.41 0.00	42.28 2.91 0.00	37.10 2.56 0.00	31.93 2.45 0.00	28.12 2.06 0.00	25.11 1.92 0.00	22.55 1.42 0.00
WATKINRD_115KV_LN8_ILLION 55919	22.19 0.22 0.00	20.32 0.18 0.00	20.26 0.18 0.00	20.11 0.18 0.00	20.38 0.18 0.00	24.02 0.21 0.00	32.77 0.32 0.00	35.70 0.32 0.00	29.64 0.29 0.00	26.03 0.28 0.00	23.97 0.26 0.00	23.54 0.28 0.00	23.59 0.26 0.00	25.15 0.27 0.00	25.77 0.28 0.00	27.81 0.33 0.00	32.27 0.35 0.00	44.79 0.53 0.00	39.87 0.47 -0.03	35.75 0.45 -0.75	30.64 0.35 -0.80	27.24 0.34 -0.84	23.89 0.28 -0.42	21.96 0.27 -0.56
WATSON____69_KV_BK 1 55734	23.31 1.34 0.00	21.31 1.17 0.00	21.37 1.29 0.00	21.17 1.24 0.00	21.21 1.01 0.00	25.29 1.48 0.00	33.70 1.27 0.01	37.37 1.98 0.00	31.14 1.79 0.00	27.96 2.21 0.00	25.94 2.23 0.00	25.75 2.40 -0.09	25.67 2.33 0.00	28.52 2.49 -1.16	29.51 2.60 -1.41	30.31 2.83 0.00	36.04 3.54 -0.58	54.17 4.82 -5.08	43.66 4.29 0.00	38.20 3.66 0.00	32.69 3.21 0.00	30.38 3.02 -1.30	28.73 2.74 -2.81	23.82 2.20 -0.49
WDELAWARE__HYD 323627	23.09 1.12 0.00	21.07 0.93 0.00	21.03 0.94 0.00	20.91 0.98 0.00	21.19 0.99 0.00	25.05 1.24 0.00	34.13 1.69 0.00	37.15 1.77 0.00	30.93 1.58 0.00	27.09 1.34 0.00	24.94 1.23 0.00	24.40 1.14 0.00	24.57 1.24 0.00	26.09 1.22 0.00	26.82 1.32 0.00	29.05 1.57 0.00	33.80 1.88 0.00	47.22 2.97 0.00	41.97 2.60 0.00	36.82 2.28 0.00	31.46 1.98 0.00	27.76 1.69 0.00	24.69 1.51 0.00	22.32 1.18 0.00



WEST BABYLON___IC 23714	23.31 1.34 0.00	21.29 1.15 0.00	21.35 1.27 0.00	21.13 1.20 0.00	21.19 0.99 0.00	25.26 1.45 0.00	33.74 1.30 0.01	37.37 1.98 0.00	31.14 1.79 0.00	27.96 2.21 0.00	25.94 2.23 0.00	25.73 2.37 -0.10	25.67 2.33 0.00	28.57 2.46 -1.24	29.55 2.55 -1.51	30.26 2.78 0.00	35.89 3.35 -0.62	54.24 4.56 -5.42	43.43 4.06 0.00	38.03 3.49 0.00	32.61 3.13 0.00	30.39 2.95 -1.38	28.64 2.64 -2.81	23.75 2.13 -0.49
WEST CANADA___HYD 24049	22.08 0.11 0.00	20.22 0.08 0.00	20.18 0.10 0.00	20.03 0.10 0.00	20.30 0.10 0.00	23.93 0.12 0.00	32.58 0.13 0.00	35.53 0.14 0.00	29.50 0.15 0.00	25.88 0.13 0.00	23.83 0.12 0.00	23.38 0.12 0.00	23.45 0.12 0.00	25.00 0.13 0.00	25.62 0.13 0.00	27.65 0.17 0.00	32.11 0.19 0.00	44.57 0.31 0.00	39.68 0.28 -0.03	35.54 0.24 -0.75	30.46 0.18 -0.80	27.06 0.16 -0.84	23.75 0.14 -0.42	21.82 0.13 -0.56
WESTERN_NY_WIND 24143	20.83 -1.14 0.00	19.15 -0.99 0.00	18.90 -1.18 0.00	18.74 -1.20 0.00	19.05 -1.15 0.00	22.69 -1.12 0.00	30.79 -1.65 0.00	33.65 -1.73 0.00	28.23 -1.12 0.00	24.69 -1.06 0.00	23.07 -0.64 0.00	22.49 -0.77 0.00	22.49 -0.84 0.00	24.18 -0.70 0.00	24.70 -0.79 0.00	25.94 -1.54 0.00	30.29 -1.63 0.00	40.76 -3.50 0.00	36.58 -2.80 0.00	32.23 -2.31 0.00	27.42 -2.06 0.00	24.47 -1.59 0.00	21.93 -1.25 0.00	20.33 -0.80 0.00
WESTOVER___LESR 323668	21.84 -0.13 0.00	20.04 -0.10 0.00	19.96 -0.12 0.00	19.77 -0.16 0.00	20.06 -0.14 0.00	23.69 -0.12 0.00	32.32 -0.13 0.00	35.28 -0.11 0.00	29.35 0.00 0.00	25.75 0.00 0.00	23.75 0.05 0.00	23.28 0.02 0.00	23.33 0.00 0.00	24.90 0.02 0.00	25.49 0.00 0.00	27.37 -0.11 0.00	31.89 -0.03 0.00	43.86 -0.40 0.00	39.21 -0.16 0.00	34.44 -0.10 0.00	29.36 -0.12 0.00	26.01 -0.05 0.00	23.14 -0.05 0.00	21.11 -0.02 0.00
WETHRSFD_WT_PWR 323626	20.63 -1.34 0.00	18.95 -1.19 0.00	18.86 -1.23 0.00	18.54 -1.40 0.00	18.83 -1.37 0.00	22.29 -1.52 0.00	30.43 -2.01 0.00	33.01 -2.37 0.00	27.68 -1.67 0.00	24.33 -1.42 0.00	22.71 -0.99 0.00	22.17 -1.09 0.00	22.28 -1.05 0.00	23.83 -1.04 0.00	24.30 -1.20 0.00	25.67 -1.81 0.00	29.91 -2.01 0.00	40.09 -4.16 0.00	36.06 -3.31 0.00	31.81 -2.73 0.00	27.09 -2.39 0.00	24.16 -1.90 0.00	21.59 -1.60 0.00	19.99 -1.14 0.00
WHAVSTOR_138KV_BK127 55557	23.07 1.10 0.00	21.05 0.91 0.00	21.00 0.92 0.00	20.85 0.92 0.00	21.11 0.91 0.00	24.93 1.12 0.00	33.97 1.52 0.00	37.05 1.66 0.00	30.90 1.56 0.00	27.19 1.44 0.00	25.03 1.33 0.00	24.63 1.37 0.00	24.78 1.45 0.00	26.29 1.42 0.00	26.95 1.45 0.00	29.19 1.70 0.00	33.90 1.98 0.00	47.18 2.92 0.00	41.93 2.56 0.00	36.79 2.25 0.00	31.52 2.03 0.00	27.84 1.77 0.00	24.76 1.58 0.00	22.27 1.14 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	23.07 1.10 0.00	21.05 0.91 0.00	21.00 0.92 0.00	20.85 0.92 0.00	21.11 0.91 0.00	24.93 1.12 0.00	33.97 1.52 0.00	37.05 1.66 0.00	30.90 1.56 0.00	27.19 1.44 0.00	25.03 1.33 0.00	24.63 1.37 0.00	24.78 1.45 0.00	26.29 1.42 0.00	26.95 1.45 0.00	29.19 1.70 0.00	33.90 1.98 0.00	47.18 2.92 0.00	41.93 2.56 0.00	36.79 2.25 0.00	31.52 2.03 0.00	27.84 1.77 0.00	24.76 1.58 0.00	22.27 1.14 0.00
WHITEHAL_115KV_TB1 80871	23.29 1.32 0.00	21.23 1.09 0.00	21.11 1.02 0.00	21.01 1.08 0.00	21.31 1.11 0.00	25.14 1.33 0.00	34.52 2.08 0.00	37.37 1.98 0.00	30.99 1.64 0.00	27.14 1.39 0.00	24.99 1.28 0.00	24.47 1.21 0.00	24.48 1.14 0.00	26.12 1.24 0.00	26.90 1.40 0.00	29.10 1.62 0.00	33.74 1.82 0.00	47.49 3.23 0.00	42.21 2.83 0.00	36.82 2.28 0.00	31.34 1.86 0.00	27.65 1.59 0.00	24.49 1.30 0.00	22.70 1.56 0.00
WHITEPLN_13_KV_LOAD 356215	23.29 1.32 0.00	21.23 1.09 0.00	21.19 1.10 0.00	21.03 1.10 0.00	21.29 1.09 0.00	25.17 1.36 0.00	34.33 1.88 0.00	37.47 2.09 0.00	31.29 1.94 0.00	27.50 1.75 0.00	25.32 1.61 0.00	24.91 1.65 0.00	25.11 1.77 0.00	26.64 1.77 0.00	27.30 1.81 0.00	29.57 2.09 0.00	34.35 2.43 0.00	47.89 3.63 0.00	42.48 3.11 0.00	37.24 2.69 0.00	31.84 2.36 0.00	28.15 2.09 0.00	25.02 1.83 0.00	22.51 1.37 0.00
WM_FLOYD_69_KV_BK2 356380	23.07 1.10 0.00	21.11 0.97 0.00	21.25 1.16 0.00	21.05 1.12 0.00	21.01 0.81 0.00	25.00 1.19 0.00	33.35 0.91 0.01	36.98 1.59 0.00	30.82 1.47 0.00	27.55 1.80 0.00	25.58 1.87 0.00	25.35 2.00 -0.09	25.25 1.91 0.00	28.06 2.06 -1.13	29.16 2.29 -1.37	30.12 2.64 0.00	36.00 3.51 -0.56	53.80 4.60 -4.94	43.43 4.06 0.00	37.93 3.39 0.00	32.52 3.04 0.00	30.19 2.87 -1.26	28.62 2.62 -2.81	23.71 2.09 -0.49
WOODARD___115KV_TB2 355635	21.53 -0.44 0.00	19.76 -0.38 0.00	19.66 -0.42 0.00	19.50 -0.44 0.00	19.78 -0.42 0.00	23.36 -0.45 0.00	31.73 -0.71 0.00	34.64 -0.74 0.00	28.79 -0.56 0.00	25.23 -0.51 0.00	23.26 -0.45 0.00	22.79 -0.47 0.00	22.84 -0.49 0.00	24.38 -0.50 0.00	25.01 -0.48 0.00	26.91 -0.58 0.00	31.28 -0.64 0.00	43.29 -0.97 0.00	38.54 -0.83 0.00	33.82 -0.73 0.00	28.83 -0.65 0.00	25.49 -0.57 0.00	22.70 -0.49 0.00	20.79 -0.34 0.00
YORK___WARBASSE 23770	23.38 1.41 0.00	21.25 1.11 0.00	21.15 1.06 0.00	21.01 1.08 0.00	21.25 1.05 0.00	25.10 1.29 0.00	34.10 1.65 0.00	37.22 1.84 0.00	31.23 1.88 0.00	27.52 1.78 0.00	25.29 1.59 0.00	25.00 1.74 0.00	25.18 1.84 0.00	26.67 1.79 0.00	27.33 1.84 0.00	29.71 2.23 0.00	34.28 2.36 0.00	47.76 3.50 0.00	42.32 2.95 0.00	37.17 2.63 0.00	32.02 2.54 0.00	28.20 2.14 0.00	25.18 1.99 0.00	22.59 1.46 0.00