

# Day Ahead Market Generator LBMP

		--- LBMP \$								--- Marginal Cost of Losses								--- Marginal Cost of Congestion										
Generator Data		02/24/2024																										
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	24.63	23.39	22.50	22.46	22.75	23.34	24.93	25.73	25.97	25.47	26.86	25.89	25.03	24.88	25.11	25.13	27.76	35.28	39.56	38.73	37.19	33.12	30.72	28.13			
		1.52	1.18	1.11	1.11	1.10	1.07	1.46	1.86	1.95	1.97	2.22	2.07	1.85	1.78	1.92	2.03	2.38	3.06	3.23	3.23	2.82	2.67	2.69	2.37			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	0.00	-0.02	0.00	0.00	0.00	-3.05	-2.03	0.00	0.00			
74TH STREET_GT_1 24260	EST	24.63	23.39	22.50	22.46	22.77	23.34	24.93	25.73	25.94	25.45	26.84	25.86	25.01	24.86	25.12	25.10	27.73	35.28	39.56	38.73	37.18	33.09	30.74	28.13			
		1.52	1.18	1.11	1.11	1.13	1.07	1.46	1.86	1.92	1.95	2.19	2.05	1.83	1.76	1.92	2.01	2.36	3.06	3.23	3.23	2.82	2.64	2.72	2.37			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	0.00	-0.02	0.00	0.00	0.00	-3.05	-2.03	0.00	0.00			
74TH STREET_GT_2 24261	EST	24.63	23.39	22.50	22.46	22.77	23.34	24.93	25.73	25.94	25.45	26.84	25.86	25.01	24.86	25.12	25.10	27.73	35.28	39.56	38.73	37.18	33.09	30.74	28.13			
		1.52	1.18	1.11	1.11	1.13	1.07	1.46	1.86	1.92	1.95	2.19	2.05	1.83	1.76	1.92	2.01	2.36	3.06	3.23	3.23	2.82	2.64	2.72	2.37			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	0.00	-0.02	0.00	0.00	0.00	-3.05	-2.03	0.00	0.00			
ADK HUDSON___FALLS 24011	EST	24.40	23.30	22.41	22.37	22.67	23.37	24.86	25.44	25.58	24.88	26.15	25.17	24.31	24.14	24.34	24.43	27.16	34.86	39.38	38.59	37.82	33.30	30.30	27.77			
		1.29	1.09	1.03	1.02	1.02	1.09	1.39	1.58	1.56	1.39	1.50	1.36	1.14	1.04	1.16	1.34	1.80	2.64	3.05	3.09	2.63	2.30	2.27	2.01			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.88	-2.58	0.00	0.00			
ADK RESOURCE___RCVRY 23798	EST	24.49	23.36	22.50	22.44	22.75	23.46	24.96	25.54	25.70	24.98	26.24	25.27	24.38	24.19	24.38	24.50	27.29	35.02	39.63	38.80	38.01	33.50	30.52	27.90			
		1.39	1.15	1.11	1.09	1.10	1.18	1.48	1.67	1.68	1.48	1.60	1.45	1.20	1.09	1.20	1.41	1.93	2.80	3.31	3.30	2.82	2.50	2.49	2.14			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.88	-2.59	0.00	0.00			
ADK S GLENS___FALLS 24028	EST	24.40	23.30	22.41	22.37	22.67	23.37	24.86	25.44	25.58	24.88	26.15	25.17	24.31	24.14	24.34	24.43	27.16	34.86	39.38	38.59	37.82	33.30	30.30	27.77			
		1.29	1.09	1.03	1.02	1.02	1.09	1.39	1.58	1.56	1.39	1.50	1.36	1.14	1.04	1.16	1.34	1.80	2.64	3.05	3.09	2.63	2.30	2.27	2.01			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.88	-2.58	0.00	0.00			
ADK_NYS___DAM 23527	EST	24.40	23.30	22.41	22.37	22.67	23.32	24.84	25.42	25.58	24.90	26.22	25.29	24.38	24.24	24.54	24.59	27.16	34.63	39.06	38.20	37.41	33.05	30.13	27.64			
		1.29	1.09	1.03	1.02	1.02	1.05	1.36	1.55	1.56	1.41	1.58	1.48	1.20	1.13	1.37	1.50	1.80	2.42	2.73	2.70	2.35	2.13	2.10	1.88			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.75	-2.50	0.00	0.00			
AIR_PRODUCTS___DRP 24190	EST	23.47	22.41	21.58	21.56	21.80	22.43	23.81	24.37	24.50	23.92	25.24	24.34	23.64	23.52	23.73	23.74	26.12	33.28	37.49	36.64	36.05	31.80	28.92	26.53			
		0.37	0.20	0.19	0.21	0.15	0.16	0.33	0.50	0.48	0.42	0.59	0.52	0.46	0.42	0.56	0.65	0.76	1.06	1.16	1.14	0.97	0.88	0.90	0.77			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.76	-2.51	0.00	0.00			
AKWESSNE_115KV_BK 355683	EST	22.99	22.21	21.41	21.39	21.63	22.28	23.22	23.46	23.61	23.07	24.15	23.39	22.94	22.97	22.92	22.72	24.85	31.31	35.31	34.54	30.53	27.68	27.21	25.01			
		-0.12	0.00	0.02	0.04	-0.02	0.00	-0.26	-0.41	-0.41	-0.42	-0.49	-0.43	-0.23	-0.14	-0.25	-0.37	-0.51	-0.90	-1.02	-0.96	-0.78	-0.74	-0.81	-0.75			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ALBANY_1_SOLAR 323833	EST	23.96	22.90	22.05	21.99	22.28	22.92	24.32	24.82	24.96	24.34	25.60	24.70	23.94	23.80	23.99	24.04	26.55	33.89	38.22	37.38	36.60	32.35	29.54	27.10			
		0.86	0.69	0.66	0.64	0.63	0.65	0.84	0.96	0.94	0.84	0.96	0.88	0.76	0.69	0.81	0.95	1.19	1.67	1.89	1.88	1.60	1.48	1.51	1.34			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.69	-2.46	0.00	0.00			
ALBANY_2_SOLAR 323834	EST	23.96	22.90	22.05	21.99	22.28	22.92	24.30	24.82	24.96	24.32	25.60	24.70	23.94	23.80	23.96	24.04	26.55	33.86	38.18	37.38	36.60	32.35	29.51	27.10			
		0.86	0.69	0.66	0.64	0.63	0.65	0.82	0.96	0.94	0.82	0.96	0.88	0.76	0.69	0.79	0.95	1.19	1.64	1.85	1.88	1.60	1.48	1.48	1.34			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.69	-2.46	0.00	0.00			
ALBANY___1 23571	EST	23.47	22.41	21.58	21.56	21.80	22.43	23.81	24.37	24.50	23.92	25.24	24.34	23.64	23.52	23.73	23.74	26.12	33.28	37.49	36.64	36.05	31.80	28.92	26.53			
		0.37	0.20	0.19	0.21	0.15	0.16	0.33	0.50	0.48	0.42	0.59	0.52	0.46	0.42	0.56	0.65	0.76	1.06	1.16	1.14	0.97	0.88	0.90	0.77			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.76	-2.51	0.00	0.00			



ALBANY___2 23572	23.47 0.37 0.00	22.41 0.20 0.00	21.58 0.19 0.00	21.56 0.21 0.00	21.80 0.15 0.00	22.43 0.16 0.00	23.81 0.33 0.00	24.37 0.50 0.00	24.50 0.48 0.00	23.92 0.42 0.00	25.24 0.59 0.00	24.34 0.52 0.00	23.64 0.46 0.00	23.52 0.42 0.00	23.73 0.56 0.00	23.74 0.65 0.00	26.12 0.76 0.00	33.28 1.06 0.00	37.49 1.16 0.00	36.64 1.14 0.00	36.05 0.97 -3.76	31.80 0.88 -2.51	28.92 0.90 0.00	26.53 0.77 0.00
ALBANY___3 23573	23.47 0.37 0.00	22.41 0.20 0.00	21.58 0.19 0.00	21.56 0.21 0.00	21.80 0.15 0.00	22.43 0.16 0.00	23.81 0.33 0.00	24.37 0.50 0.00	24.50 0.48 0.00	23.92 0.42 0.00	25.24 0.59 0.00	24.34 0.52 0.00	23.64 0.46 0.00	23.52 0.42 0.00	23.73 0.56 0.00	23.74 0.65 0.00	26.12 0.76 0.00	33.28 1.06 0.00	37.49 1.16 0.00	36.64 1.14 0.00	36.05 0.97 -3.76	31.80 0.88 -2.51	28.92 0.90 0.00	26.53 0.77 0.00
ALBANY___4 23574	23.47 0.37 0.00	22.41 0.20 0.00	21.58 0.19 0.00	21.56 0.21 0.00	21.80 0.15 0.00	22.43 0.16 0.00	23.81 0.33 0.00	24.37 0.50 0.00	24.50 0.48 0.00	23.92 0.42 0.00	25.24 0.59 0.00	24.34 0.52 0.00	23.64 0.46 0.00	23.52 0.42 0.00	23.73 0.56 0.00	23.74 0.65 0.00	26.12 0.76 0.00	33.28 1.06 0.00	37.49 1.16 0.00	36.64 1.14 0.00	36.05 0.97 -3.76	31.80 0.88 -2.51	28.92 0.90 0.00	26.53 0.77 0.00
ALBANY___LFGE 323615	23.70 0.60 0.00	22.63 0.42 0.00	21.77 0.39 0.00	21.73 0.38 0.00	22.02 0.37 0.00	22.63 0.36 0.00	24.04 0.56 0.00	24.61 0.74 0.00	24.74 0.72 0.00	24.15 0.66 0.00	25.46 0.81 0.00	24.56 0.74 0.00	23.82 0.65 0.00	23.70 0.60 0.00	23.87 0.69 0.00	23.92 0.83 0.00	26.38 1.02 0.00	33.63 1.42 0.00	37.89 1.56 0.00	37.06 1.56 0.00	36.45 1.35 -3.79	32.17 1.22 -2.53	29.26 1.23 0.00	26.82 1.06 0.00
ALCOA_PA_115KV_PL-6C 55860	23.08 -0.02 0.00	22.28 0.07 0.00	21.49 0.11 0.00	21.48 0.13 0.00	21.71 0.06 0.00	22.34 0.07 0.00	23.29 -0.19 0.00	23.53 -0.33 0.00	23.69 -0.34 0.00	23.14 -0.35 0.00	24.20 -0.44 0.00	23.44 -0.38 0.00	22.99 -0.19 0.00	23.04 -0.07 0.00	22.97 -0.21 0.00	22.77 -0.32 0.00	24.90 -0.46 0.00	31.44 -0.77 0.00	35.49 -0.84 0.00	34.69 -0.82 0.00	30.66 -0.66 0.00	27.76 -0.65 0.00	27.32 -0.70 0.00	25.12 -0.64 0.00
ALCOA_RYNLDS___DRP 24188	23.08 -0.02 0.00	22.28 0.07 0.00	21.49 0.11 0.00	21.48 0.13 0.00	21.71 0.06 0.00	22.34 0.07 0.00	23.29 -0.19 0.00	23.53 -0.33 0.00	23.69 -0.34 0.00	23.14 -0.35 0.00	24.20 -0.44 0.00	23.44 -0.38 0.00	22.99 -0.19 0.00	23.04 -0.07 0.00	22.97 -0.21 0.00	22.77 -0.32 0.00	24.90 -0.46 0.00	31.44 -0.77 0.00	35.49 -0.84 0.00	34.69 -0.82 0.00	30.66 -0.66 0.00	27.76 -0.65 0.00	27.32 -0.70 0.00	25.12 -0.64 0.00
ALCOA___DSASP 323711	23.08 -0.02 0.00	22.28 0.07 0.00	21.49 0.11 0.00	21.48 0.13 0.00	21.71 0.07 0.00	22.34 0.07 0.00	23.29 -0.19 0.00	23.53 -0.33 0.00	23.69 -0.34 0.00	23.14 -0.35 0.00	24.20 -0.44 0.00	23.43 -0.38 0.00	22.99 -0.19 0.00	23.04 -0.07 0.00	22.99 -0.19 0.00	22.77 -0.32 0.00	24.90 -0.46 0.00	31.44 -0.77 0.00	35.49 -0.83 0.00	34.69 -0.82 0.00	30.65 -0.66 0.00	27.76 -0.65 0.00	27.33 -0.70 0.00	25.12 -0.64 0.00
ALLEGHENY___COGEN 23514	23.70 0.60 0.00	22.74 0.53 0.00	21.92 0.53 0.00	21.86 0.51 0.00	22.30 0.65 0.00	22.97 0.69 0.00	24.61 1.13 0.00	24.85 0.98 0.00	24.98 0.96 0.00	24.36 0.87 0.00	25.51 0.86 0.00	24.60 0.78 0.00	23.52 0.35 0.00	23.34 0.23 0.00	23.36 0.18 0.00	23.49 0.39 0.00	25.99 0.63 0.00	33.92 1.71 0.00	38.51 2.18 0.00	37.60 2.09 0.00	33.50 1.56 -0.63	30.25 1.42 -0.42	29.43 1.40 0.00	27.25 1.49 0.00
ALTAMONT_115KV_TB 2 55880	23.75 0.65 0.00	22.70 0.49 0.00	21.86 0.47 0.00	21.82 0.47 0.00	22.10 0.45 0.00	22.74 0.47 0.00	24.14 0.66 0.00	24.66 0.79 0.00	24.82 0.79 0.00	24.25 0.75 0.00	25.51 0.86 0.00	24.60 0.79 0.00	23.85 0.67 0.00	23.73 0.62 0.00	23.92 0.74 0.00	23.93 0.83 0.00	26.37 1.01 0.00	33.60 1.39 0.00	37.85 1.53 0.00	37.03 1.53 0.00	36.39 1.32 -3.76	32.12 1.19 -2.51	29.23 1.21 0.00	26.84 1.08 0.00
ALTONA_WT_PWR 323606	23.38 0.28 0.00	22.59 0.38 0.00	21.86 0.47 0.00	21.86 0.51 0.00	21.82 0.17 0.00	22.56 0.29 0.00	23.57 0.09 0.00	23.82 -0.05 0.00	23.95 -0.07 0.00	23.40 -0.09 0.00	24.50 -0.15 0.00	23.60 -0.21 0.00	23.08 -0.09 0.00	23.08 -0.02 0.00	22.97 -0.21 0.00	22.72 -0.37 0.00	24.90 -0.46 0.00	31.57 -0.64 0.00	35.68 -0.65 0.00	34.93 -0.57 0.00	30.94 -0.37 0.00	28.11 -0.31 0.00	27.66 -0.37 0.00	25.42 -0.34 0.00
AMERICAN_REF_FUEL 24010	21.00 -2.10 0.00	20.26 -1.95 0.00	19.48 -1.90 0.00	19.38 -1.96 0.00	19.81 -1.84 0.00	20.47 -1.80 0.00	21.79 -1.69 0.00	21.58 -2.29 0.00	21.76 -2.26 0.00	21.45 -2.04 0.00	22.47 -2.17 0.00	21.86 -1.95 0.00	20.93 -2.25 0.00	20.77 -2.33 0.00	20.65 -2.53 0.00	20.65 -2.45 0.00	22.54 -2.82 0.00	29.32 -2.90 0.00	33.06 -3.27 0.00	32.20 -3.30 0.00	28.64 -3.16 -0.49	25.96 -2.78 -0.32	25.64 -2.38 0.00	24.03 -1.73 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	21.93 -1.18 0.00	21.12 -1.09 0.00	20.34 -1.05 0.00	20.24 -1.11 0.00	20.70 -0.95 0.00	21.34 -0.93 0.00	22.80 -0.68 0.00	22.68 -1.19 0.00	22.89 -1.13 0.00	22.65 -0.84 0.00	23.83 -0.81 0.00	23.17 -0.64 0.00	22.20 -0.97 0.00	22.04 -1.06 0.00	21.88 -1.30 0.00	21.92 -1.18 0.00	23.97 -1.39 0.00	31.35 -0.87 0.00	35.42 -0.91 0.00	34.44 -1.06 0.00	30.10 -1.75 -0.54	27.56 -1.22 -0.36	27.24 -0.78 0.00	25.48 -0.28 0.00
ARTHUR KILL_GT_1 23520	24.68 1.57 -0.01	23.48 1.27 -0.01	22.57 1.18 -0.01	22.53 1.17 -0.01	22.82 1.17 -0.01	23.30 1.03 0.00	24.77 1.29 0.00	25.49 1.62 0.00	25.70 1.68 0.00	25.25 1.76 0.00	52.87 1.97 -26.26	56.11 1.81 -30.49	73.45 1.62 -48.65	60.45 1.55 -35.79	24.93 1.74 -0.01	24.91 1.82 0.00	27.56 2.18 -0.02	44.32 2.80 -9.31	39.34 3.01 0.00	38.48 2.98 0.00	49.64 2.60 -15.73	33.85 2.44 -2.98	30.46 2.38 -0.06	43.08 2.14 -15.18
ARTHUR_KILL_2 23512	24.61 1.50 -0.01	23.42 1.20 -0.01	22.51 1.11 -0.01	22.47 1.11 -0.01	22.76 1.10 -0.01	23.23 0.96 0.00	24.70 1.22 0.00	25.42 1.55 0.00	25.63 1.61 0.00	25.18 1.69 0.00	52.80 1.90 -26.26	56.07 1.76 -30.49	73.38 1.55 -48.65	60.38 1.48 -35.79	24.86 1.67 -0.01	24.84 1.75 0.00	27.48 2.10 -0.02	44.23 2.71 -9.31	39.20 2.87 0.00	38.34 2.84 0.00	49.55 2.51 -15.73	33.76 2.36 -2.98	30.38 2.30 -0.06	43.00 2.06 -15.18
ARTHUR_KILL_3 23513	24.42 1.32 0.00	23.19 0.98 0.00	22.33 0.94 0.00	22.29 0.94 0.00	22.58 0.93 0.00	23.17 0.89 0.00	24.72 1.24 0.00	25.51 1.65 0.00	25.76 1.73 0.00	25.28 1.78 0.00	52.91 2.00 -26.27	56.17 1.86 -30.49	73.48 1.65 -48.66	60.48 1.57 -35.80	24.93 1.74 -0.02	24.95 1.85 0.00	27.53 2.15 -0.02	44.08 2.77 -9.09	39.24 2.91 0.00	38.38 2.87 0.00	49.29 2.54 -15.44	33.80 2.41 -2.97	30.51 2.44 -0.05	42.75 2.16 -14.83



ARTHUR_KILL_COGEN 323718	24.68 1.57 -0.01	23.48 1.27 -0.01	22.57 1.18 -0.01	22.53 1.17 -0.01	22.82 1.17 -0.01	23.30 1.03 0.00	24.77 1.29 0.00	25.49 1.62 0.00	25.70 1.68 0.00	25.25 1.76 0.00	52.87 1.97 -26.26	56.11 1.81 -30.49	73.45 1.62 -48.65	60.45 1.55 -35.79	24.93 1.74 -0.01	24.91 1.82 0.00	27.56 2.18 -0.02	44.32 2.80 -9.31	39.34 3.01 0.00	38.48 2.98 0.00	49.64 2.60 -15.73	33.85 2.44 -2.98	30.46 2.38 -0.06	43.08 2.14 -15.18
ASHOKAN____ 23654	24.28 1.18 0.00	23.10 0.89 0.00	22.24 0.86 0.00	22.20 0.85 0.00	22.41 0.76 0.00	22.97 0.69 0.00	24.46 0.99 0.00	24.97 1.10 0.00	25.01 0.99 0.00	24.34 0.84 0.00	25.46 0.81 0.00	24.43 0.62 0.00	23.66 0.49 0.00	23.50 0.39 0.00	23.73 0.56 0.00	23.92 0.83 0.00	26.63 1.27 0.00	34.25 2.03 0.00	38.76 2.43 0.00	37.88 2.38 0.00	36.02 1.31 -3.39	32.44 1.76 -2.26	29.87 1.85 0.00	27.41 1.65 0.00
ASTORIA_EAST_ENERGY_CC1 323581	24.52 1.41 -0.01	23.33 1.11 -0.01	22.48 1.09 -0.01	22.47 1.11 -0.01	22.74 1.08 -0.01	23.20 0.94 0.01	24.71 1.24 0.01	25.46 1.60 0.01	25.72 1.71 0.01	25.27 1.78 0.01	26.63 2.00 0.01	25.64 1.83 0.01	24.81 1.65 0.01	24.67 1.57 0.01	24.97 1.78 -0.01	24.96 1.87 0.01	27.57 2.21 -0.01	34.99 2.77 -0.01	39.26 2.94 0.01	38.41 2.91 0.01	36.89 2.54 -3.05	32.85 2.39 -2.04	30.30 2.27 -0.01	27.85 2.09 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	24.52 1.41 -0.01	23.33 1.11 -0.01	22.48 1.09 -0.01	22.47 1.11 -0.01	22.74 1.08 -0.01	23.20 0.94 0.01	24.71 1.24 0.01	25.46 1.60 0.01	25.72 1.71 0.01	25.27 1.78 0.01	26.63 2.00 0.01	25.64 1.83 0.01	24.81 1.65 0.01	24.67 1.57 0.01	24.97 1.78 -0.01	24.96 1.87 0.01	27.57 2.21 -0.01	34.99 2.77 -0.01	39.26 2.94 0.01	38.41 2.91 0.01	36.89 2.54 -3.05	32.85 2.39 -2.04	30.30 2.27 -0.01	27.85 2.09 -0.01
ASTORIA_GT2_1 24094	24.54 1.43 0.00	23.32 1.11 0.00	22.48 1.09 0.00	22.46 1.11 0.00	22.75 1.10 0.00	23.23 0.96 0.00	24.72 1.24 0.00	25.52 1.65 0.00	25.75 1.73 0.00	25.28 1.79 0.00	26.63 2.00 0.01	25.67 1.86 0.01	24.81 1.65 0.01	24.69 1.59 0.01	25.00 1.81 -0.02	24.99 1.89 0.00	27.61 2.23 -0.02	35.03 2.80 -0.01	39.31 2.98 0.00	38.45 2.95 0.00	36.93 2.57 -3.05	32.90 2.44 -2.04	30.61 2.58 -0.01	27.88 2.11 -0.01
ASTORIA_GT2_2 24095	24.54 1.43 0.00	23.32 1.11 0.00	22.48 1.09 0.00	22.46 1.11 0.00	22.75 1.10 0.00	23.23 0.96 0.00	24.72 1.24 0.00	25.52 1.65 0.00	25.75 1.73 0.00	25.28 1.79 0.00	26.63 2.00 0.01	25.67 1.86 0.01	24.81 1.65 0.01	24.69 1.59 0.01	25.00 1.81 -0.02	24.99 1.89 0.00	27.61 2.23 -0.02	35.03 2.80 -0.01	39.31 2.98 0.00	38.45 2.95 0.00	36.93 2.57 -3.05	32.90 2.44 -2.04	30.61 2.58 -0.01	27.88 2.11 -0.01
ASTORIA_GT2_3 24096	24.54 1.43 0.00	23.32 1.11 0.00	22.48 1.09 0.00	22.46 1.11 0.00	22.75 1.10 0.00	23.23 0.96 0.00	24.72 1.24 0.00	25.52 1.65 0.00	25.75 1.73 0.00	25.28 1.79 0.00	26.63 2.00 0.01	25.67 1.86 0.01	24.81 1.65 0.01	24.69 1.59 0.01	25.00 1.81 -0.02	24.99 1.89 0.00	27.61 2.23 -0.02	35.03 2.80 -0.01	39.31 2.98 0.00	38.45 2.95 0.00	36.93 2.57 -3.05	32.90 2.44 -2.04	30.61 2.58 -0.01	27.88 2.11 -0.01
ASTORIA_GT2_4 24097	24.54 1.43 0.00	23.32 1.11 0.00	22.48 1.09 0.00	22.46 1.11 0.00	22.75 1.10 0.00	23.23 0.96 0.00	24.72 1.24 0.00	25.52 1.65 0.00	25.75 1.73 0.00	25.28 1.79 0.00	26.63 2.00 0.01	25.67 1.86 0.01	24.81 1.65 0.01	24.69 1.59 0.01	25.00 1.81 -0.02	24.99 1.89 0.00	27.61 2.23 -0.02	35.03 2.80 -0.01	39.31 2.98 0.00	38.45 2.95 0.00	36.93 2.57 -3.05	32.90 2.44 -2.04	30.61 2.58 -0.01	27.88 2.11 -0.01
ASTORIA_GT3_1 24098	24.54 1.43 0.00	23.32 1.11 0.00	22.48 1.09 0.00	22.46 1.11 0.00	22.75 1.10 0.00	23.23 0.96 0.00	24.72 1.24 0.00	25.52 1.65 0.00	25.75 1.73 0.00	25.28 1.79 0.00	26.63 2.00 0.01	25.67 1.86 0.01	24.81 1.65 0.01	24.69 1.59 0.01	25.00 1.81 -0.02	24.99 1.89 0.00	27.61 2.23 -0.02	35.03 2.80 -0.01	39.31 2.98 0.00	38.45 2.95 0.00	36.93 2.57 -3.05	32.90 2.44 -2.04	30.61 2.58 -0.01	27.88 2.11 -0.01
ASTORIA_GT3_2 24099	24.54 1.43 0.00	23.32 1.11 0.00	22.48 1.09 0.00	22.46 1.11 0.00	22.75 1.10 0.00	23.23 0.96 0.00	24.72 1.24 0.00	25.52 1.65 0.00	25.75 1.73 0.00	25.28 1.79 0.00	26.63 2.00 0.01	25.67 1.86 0.01	24.81 1.65 0.01	24.69 1.59 0.01	25.00 1.81 -0.02	24.99 1.89 0.00	27.61 2.23 -0.02	35.03 2.80 -0.01	39.31 2.98 0.00	38.45 2.95 0.00	36.93 2.57 -3.05	32.90 2.44 -2.04	30.61 2.58 -0.01	27.88 2.11 -0.01
ASTORIA_GT3_3 24100	24.54 1.43 0.00	23.32 1.11 0.00	22.48 1.09 0.00	22.46 1.11 0.00	22.75 1.10 0.00	23.23 0.96 0.00	24.72 1.24 0.00	25.52 1.65 0.00	25.75 1.73 0.00	25.28 1.79 0.00	26.63 2.00 0.01	25.67 1.86 0.01	24.81 1.65 0.01	24.69 1.59 0.01	25.00 1.81 -0.02	24.99 1.89 0.00	27.61 2.23 -0.02	35.03 2.80 -0.01	39.31 2.98 0.00	38.45 2.95 0.00	36.93 2.57 -3.05	32.90 2.44 -2.04	30.61 2.58 -0.01	27.88 2.11 -0.01
ASTORIA_GT3_4 24101	24.54 1.43 0.00	23.32 1.11 0.00	22.48 1.09 0.00	22.46 1.11 0.00	22.75 1.10 0.00	23.23 0.96 0.00	24.72 1.24 0.00	25.52 1.65 0.00	25.75 1.73 0.00	25.28 1.79 0.00	26.63 2.00 0.01	25.67 1.86 0.01	24.81 1.65 0.01	24.69 1.59 0.01	25.00 1.81 -0.02	24.99 1.89 0.00	27.61 2.23 -0.02	35.03 2.80 -0.01	39.31 2.98 0.00	38.45 2.95 0.00	36.93 2.57 -3.05	32.90 2.44 -2.04	30.61 2.58 -0.01	27.88 2.11 -0.01
ASTORIA_GT4_1 24102	24.54 1.43 0.00	23.32 1.11 0.00	22.48 1.09 0.00	22.46 1.11 0.00	22.75 1.10 0.00	23.23 0.96 0.00	24.72 1.24 0.00	25.52 1.65 0.00	25.75 1.73 0.00	25.28 1.79 0.00	26.63 2.00 0.01	25.67 1.86 0.01	24.81 1.65 0.01	24.69 1.59 0.01	25.00 1.81 -0.02	24.99 1.89 0.00	27.61 2.23 -0.02	35.03 2.80 -0.01	39.31 2.98 0.00	38.45 2.95 0.00	36.93 2.57 -3.05	32.90 2.44 -2.04	30.61 2.58 -0.01	27.88 2.11 -0.01
ASTORIA_GT4_2 24103	24.54 1.43 0.00	23.32 1.11 0.00	22.48 1.09 0.00	22.46 1.11 0.00	22.75 1.10 0.00	23.23 0.96 0.00	24.72 1.24 0.00	25.52 1.65 0.00	25.75 1.73 0.00	25.28 1.79 0.00	26.63 2.00 0.01	25.67 1.86 0.01	24.81 1.65 0.01	24.69 1.59 0.01	25.00 1.81 -0.02	24.99 1.89 0.00	27.61 2.23 -0.02	35.03 2.80 -0.01	39.31 2.98 0.00	38.45 2.95 0.00	36.93 2.57 -3.05	32.90 2.44 -2.04	30.61 2.58 -0.01	27.88 2.11 -0.01
ASTORIA_GT4_3 24104	24.54 1.43 0.00	23.32 1.11 0.00	22.48 1.09 0.00	22.46 1.11 0.00	22.75 1.10 0.00	23.23 0.96 0.00	24.72 1.24 0.00	25.52 1.65 0.00	25.75 1.73 0.00	25.28 1.79 0.00	26.63 2.00 0.01	25.67 1.86 0.01	24.81 1.65 0.01	24.69 1.59 0.01	25.00 1.81 -0.02	24.99 1.89 0.00	27.61 2.23 -0.02	35.03 2.80 -0.01	39.31 2.98 0.00	38.45 2.95 0.00	36.93 2.57 -3.05	32.90 2.44 -2.04	30.61 2.58 -0.01	27.88 2.11 -0.01



ASTORIA_GT4_4 24105	24.54 1.43 0.00	23.32 1.11 0.00	22.48 1.09 0.00	22.46 1.11 0.00	22.75 1.10 0.00	23.23 0.96 0.00	24.72 1.24 0.00	25.52 1.65 0.00	25.75 1.73 0.00	25.28 1.79 0.00	26.63 2.00 0.01	25.67 1.86 0.01	24.81 1.65 0.01	24.69 1.59 0.01	25.00 1.81 -0.02	24.99 1.89 0.00	27.61 2.23 -0.02	35.03 2.80 -0.01	39.31 2.98 0.00	38.45 2.95 0.00	36.93 2.57 -3.05	32.90 2.44 -2.04	30.61 2.58 -0.01	27.88 2.11 -0.01
ASTORIA_GT_1 23523	24.57 1.46 -0.01	23.37 1.15 -0.01	22.53 1.13 -0.01	22.51 1.15 -0.01	22.78 1.13 -0.01	23.25 0.98 0.01	24.76 1.29 0.01	25.53 1.67 0.01	25.77 1.75 0.01	25.32 1.83 0.01	26.68 2.04 0.01	25.71 1.91 0.01	24.86 1.69 0.01	24.74 1.64 0.01	25.01 1.83 -0.01	25.03 1.94 0.01	27.65 2.28 -0.01	35.09 2.87 -0.01	39.37 3.05 0.01	38.51 3.02 0.01	36.99 2.63 -3.05	32.93 2.47 -2.04	30.39 2.35 -0.01	27.93 2.16 -0.01
ASTORIA_GT_10 24110	24.65 1.55 0.00	23.41 1.20 0.00	22.54 1.15 0.00	22.50 1.15 0.00	22.80 1.15 0.00	23.32 1.05 0.00	24.82 1.34 0.00	25.59 1.72 0.00	25.82 1.80 0.00	25.35 1.86 0.00	30.55 2.07 -3.84	30.20 1.93 -4.46	32.00 1.72 -7.11	30.00 1.66 -5.23	25.05 1.85 -0.02	25.03 1.94 0.00	27.63 2.26 -0.02	36.44 2.90 -1.33	39.42 3.09 0.00	38.56 3.05 0.00	38.84 2.66 -4.86	33.12 2.53 -2.17	30.67 2.63 -0.01	30.17 2.24 -2.17
ASTORIA_GT_11 24225	24.65 1.55 0.00	23.41 1.20 0.00	22.54 1.15 0.00	22.50 1.15 0.00	22.80 1.15 0.00	23.32 1.05 0.00	24.82 1.34 0.00	25.59 1.72 0.00	25.82 1.80 0.00	25.35 1.86 0.00	30.55 2.07 -3.84	30.20 1.93 -4.46	32.00 1.72 -7.11	30.00 1.66 -5.23	25.05 1.85 -0.02	25.03 1.94 0.00	27.63 2.26 -0.02	36.44 2.90 -1.33	39.42 3.09 0.00	38.56 3.05 0.00	38.84 2.66 -4.86	33.12 2.53 -2.17	30.67 2.63 -0.01	30.17 2.24 -2.17
ASTORIA_GT_12 24226	24.65 1.55 0.00	23.41 1.20 0.00	22.54 1.15 0.00	22.50 1.15 0.00	22.80 1.15 0.00	23.32 1.05 0.00	24.82 1.34 0.00	25.59 1.72 0.00	25.82 1.80 0.00	25.35 1.86 0.00	30.55 2.07 -3.84	30.20 1.93 -4.46	32.00 1.72 -7.11	30.00 1.66 -5.23	25.05 1.85 -0.02	25.03 1.94 0.00	27.63 2.26 -0.02	36.44 2.90 -1.33	39.42 3.09 0.00	38.56 3.05 0.00	38.84 2.66 -4.86	33.12 2.53 -2.17	30.67 2.63 -0.01	30.17 2.24 -2.17
ASTORIA_GT_13 24227	24.65 1.55 0.00	23.41 1.20 0.00	22.54 1.15 0.00	22.50 1.15 0.00	22.80 1.15 0.00	23.32 1.05 0.00	24.82 1.34 0.00	25.59 1.72 0.00	25.82 1.80 0.00	25.35 1.86 0.00	30.55 2.07 -3.84	30.20 1.93 -4.46	32.00 1.72 -7.11	30.00 1.66 -5.23	25.05 1.85 -0.02	25.03 1.94 0.00	27.63 2.26 -0.02	36.44 2.90 -1.33	39.42 3.09 0.00	38.56 3.05 0.00	38.84 2.66 -4.86	33.12 2.53 -2.17	30.67 2.63 -0.01	30.17 2.24 -2.17
ASTORIA_GT_5 24106	24.56 1.46 0.00	23.37 1.15 0.00	22.52 1.13 0.00	22.48 1.13 0.00	22.77 1.13 0.00	23.26 0.98 0.00	24.77 1.29 0.00	25.56 1.69 0.00	25.78 1.75 0.00	25.33 1.83 0.00	26.68 2.05 0.01	25.71 1.91 0.01	24.86 1.69 0.01	24.74 1.64 0.01	25.05 1.85 -0.02	25.01 1.92 0.00	27.63 2.26 -0.02	35.09 2.87 -0.01	39.38 3.05 0.00	38.52 3.02 0.00	36.99 2.63 -3.05	32.96 2.50 -2.04	30.67 2.63 -0.01	27.93 2.16 -0.01
ASTORIA_GT_7 24107	24.56 1.46 0.00	23.37 1.15 0.00	22.52 1.13 0.00	22.48 1.13 0.00	22.77 1.13 0.00	23.26 0.98 0.00	24.77 1.29 0.00	25.56 1.69 0.00	25.78 1.75 0.00	25.33 1.83 0.00	26.68 2.05 0.01	25.71 1.91 0.01	24.86 1.69 0.01	24.74 1.64 0.01	25.05 1.85 -0.02	25.01 1.92 0.00	27.63 2.26 -0.02	35.09 2.87 -0.01	39.38 3.05 0.00	38.52 3.02 0.00	36.99 2.63 -3.05	32.96 2.50 -2.04	30.67 2.63 -0.01	27.93 2.16 -0.01
ASTORIA_GT_8 24108	24.56 1.46 0.00	23.37 1.15 0.00	22.52 1.13 0.00	22.48 1.13 0.00	22.77 1.13 0.00	23.26 0.98 0.00	24.77 1.29 0.00	25.56 1.69 0.00	25.78 1.75 0.00	25.33 1.83 0.00	26.68 2.05 0.01	25.71 1.91 0.01	24.86 1.69 0.01	24.74 1.64 0.01	25.05 1.85 -0.02	25.01 1.92 0.00	27.63 2.26 -0.02	35.09 2.87 -0.01	39.38 3.05 0.00	38.52 3.02 0.00	36.99 2.63 -3.05	32.96 2.50 -2.04	30.67 2.63 -0.01	27.93 2.16 -0.01
ASTORIA___2 24149	24.55 1.43 -0.01	23.33 1.11 -0.01	22.48 1.09 -0.01	22.47 1.11 -0.01	22.76 1.10 -0.01	23.22 0.96 0.01	24.71 1.24 0.01	25.48 1.62 0.01	25.75 1.73 0.01	25.27 1.78 0.01	26.63 2.00 0.01	25.67 1.86 0.01	24.81 1.65 0.01	24.69 1.59 0.01	24.99 1.81 -0.01	24.98 1.89 0.01	27.60 2.23 -0.01	35.02 2.80 -0.01	39.30 2.98 0.01	38.44 2.95 0.01	36.93 2.57 -3.05	32.87 2.41 -2.04	30.33 2.30 -0.01	27.88 2.11 -0.01
ASTORIA___3 23516	24.66 1.55 -0.01	23.42 1.20 -0.01	22.55 1.15 -0.01	22.51 1.15 -0.01	22.80 1.15 -0.01	23.32 1.05 0.00	24.82 1.34 0.00	25.56 1.69 0.00	25.83 1.80 0.00	25.35 1.86 0.00	30.55 2.07 -3.84	30.20 1.93 -4.46	32.00 1.72 -7.11	30.00 1.66 -5.23	25.05 1.85 -0.02	25.03 1.94 0.00	27.66 2.28 -0.02	36.44 2.90 -1.33	39.42 3.09 0.00	38.56 3.05 0.00	38.84 2.66 -4.86	33.09 2.50 -2.17	30.50 2.47 -0.01	30.17 2.24 -2.17
ASTORIA___4 23517	24.65 1.55 0.00	23.41 1.20 0.00	22.54 1.15 0.00	22.50 1.15 0.00	22.80 1.15 0.00	23.32 1.05 0.00	24.82 1.34 0.00	25.59 1.72 0.00	25.82 1.80 0.00	25.35 1.86 0.00	30.55 2.07 -3.84	30.20 1.93 -4.46	32.00 1.72 -7.11	30.00 1.66 -5.23	25.05 1.85 -0.02	25.03 1.94 0.00	27.63 2.26 -0.02	36.44 2.90 -1.33	39.42 3.09 0.00	38.56 3.05 0.00	38.84 2.66 -4.86	33.12 2.53 -2.17	30.67 2.63 -0.01	30.17 2.24 -2.17
ASTORIA___5 23518	24.66 1.55 -0.01	23.42 1.20 -0.01	22.55 1.15 -0.01	22.51 1.15 -0.01	22.80 1.15 -0.01	23.32 1.05 0.00	24.82 1.34 0.00	25.56 1.69 0.00	25.83 1.80 0.00	25.35 1.86 0.00	30.55 2.07 -3.84	30.20 1.93 -4.46	32.00 1.72 -7.11	30.00 1.66 -5.23	25.05 1.85 -0.02	25.03 1.94 0.00	27.66 2.28 -0.02	36.44 2.90 -1.33	39.42 3.09 0.00	38.56 3.05 0.00	38.84 2.66 -4.86	33.09 2.50 -2.17	30.50 2.47 -0.01	30.17 2.24 -2.17
AST_ENERGY_2_CC3 323677	24.44 1.34 0.00	23.21 1.00 0.00	22.35 0.96 0.00	22.31 0.96 0.00	22.60 0.95 0.00	23.17 0.89 0.00	24.72 1.24 0.00	25.51 1.65 0.00	25.73 1.71 0.00	25.26 1.76 0.00	26.64 2.00 0.00	25.68 1.86 0.00	24.82 1.65 0.00	24.68 1.57 0.00	24.93 1.74 -0.02	24.94 1.85 0.00	27.53 2.15 -0.02	34.99 2.77 0.00	39.24 2.91 0.00	38.41 2.91 0.00	36.90 2.54 -3.05	32.87 2.41 -2.03	30.44 2.41 0.00	27.90 2.14 0.00
AST_ENERGY_2_CC4 323678	24.44 1.34 0.00	23.21 1.00 0.00	22.35 0.96 0.00	22.31 0.96 0.00	22.60 0.95 0.00	23.17 0.89 0.00	24.72 1.24 0.00	25.51 1.65 0.00	25.73 1.71 0.00	25.26 1.76 0.00	26.64 2.00 0.00	25.68 1.86 0.00	24.82 1.65 0.00	24.68 1.57 0.00	24.93 1.74 -0.02	24.94 1.85 0.00	27.53 2.15 -0.02	34.99 2.77 0.00	39.24 2.91 0.00	38.41 2.91 0.00	36.90 2.54 -3.05	32.87 2.41 -2.03	30.44 2.41 0.00	27.90 2.14 0.00



ATHENS_STG_1 23668	23.94 0.83 0.00	22.88 0.67 0.00	22.01 0.62 0.00	21.97 0.62 0.00	22.28 0.63 0.00	22.88 0.60 0.00	24.32 0.84 0.00	24.92 1.05 0.00	25.08 1.06 0.00	24.53 1.03 0.00	25.80 1.16 0.00	24.89 1.07 0.00	24.10 0.93 0.00	23.96 0.86 0.00	24.15 0.97 0.00	24.18 1.09 0.00	26.65 1.29 0.00	33.95 1.74 0.00	38.25 1.92 0.00	37.38 1.88 0.00	36.36 1.66 -3.38	32.20 1.53 -2.25	29.57 1.54 0.00	27.12 1.36 0.00
ATHENS_STG_2 23670	23.94 0.83 0.00	22.88 0.67 0.00	22.01 0.62 0.00	21.97 0.62 0.00	22.28 0.63 0.00	22.88 0.60 0.00	24.32 0.84 0.00	24.92 1.05 0.00	25.08 1.06 0.00	24.53 1.03 0.00	25.80 1.16 0.00	24.89 1.07 0.00	24.10 0.93 0.00	23.96 0.86 0.00	24.15 0.97 0.00	24.18 1.09 0.00	26.65 1.29 0.00	33.95 1.74 0.00	38.25 1.92 0.00	37.38 1.88 0.00	36.36 1.66 -3.38	32.20 1.53 -2.25	29.57 1.54 0.00	27.12 1.36 0.00
ATHENS_STG_3 23677	23.94 0.83 0.00	22.88 0.67 0.00	22.01 0.62 0.00	21.97 0.62 0.00	22.28 0.63 0.00	22.88 0.60 0.00	24.32 0.84 0.00	24.92 1.05 0.00	25.08 1.06 0.00	24.53 1.03 0.00	25.80 1.16 0.00	24.89 1.07 0.00	24.10 0.93 0.00	23.96 0.86 0.00	24.15 0.97 0.00	24.18 1.09 0.00	26.65 1.29 0.00	33.95 1.74 0.00	38.25 1.92 0.00	37.38 1.88 0.00	36.36 1.66 -3.38	32.20 1.53 -2.25	29.57 1.54 0.00	27.12 1.36 0.00
AUBURN___LFGE 323710	22.94 -0.16 0.00	22.03 -0.18 0.00	21.22 -0.17 0.00	21.16 -0.19 0.00	21.54 -0.11 0.00	22.19 -0.09 0.00	23.53 0.05 0.00	23.92 0.05 0.00	24.10 0.07 0.00	23.59 0.09 0.00	24.74 0.10 0.00	23.89 0.07 0.00	23.08 -0.09 0.00	22.90 -0.21 0.00	22.94 -0.23 0.00	22.96 -0.14 0.00	25.28 -0.08 0.00	32.47 0.26 0.00	36.69 0.36 0.00	35.82 0.32 0.00	31.95 0.19 -0.45	28.89 0.17 -0.30	28.19 0.17 0.00	25.97 0.21 0.00
BABYLON_RES_REC 323704	27.65 1.92 -2.63	23.93 1.62 -0.10	22.91 1.52 0.00	22.84 1.49 0.00	23.16 1.51 0.00	23.77 1.49 0.00	25.85 1.93 -0.45	29.87 2.27 -3.73	31.48 2.31 -5.15	30.37 2.30 -4.57	27.37 2.51 -0.21	26.32 2.29 -0.22	25.96 2.11 -0.67	25.45 2.03 -0.31	28.01 2.20 -2.63	31.65 2.33 -6.23	32.92 2.69 -4.87	38.84 3.58 -3.05	44.46 3.89 -4.24	40.18 3.84 -0.84	37.72 3.35 -3.05	34.03 3.07 -2.54	32.94 3.08 -1.83	32.36 2.76 -3.84
BABYLON__69_KV_BK2 356345	27.91 2.17 -2.63	24.18 1.87 -0.10	23.12 1.73 0.00	23.08 1.73 0.00	23.40 1.75 0.00	23.99 1.72 0.00	26.11 2.18 -0.45	30.12 2.53 -3.72	31.75 2.57 -5.15	30.62 2.56 -4.57	27.63 2.78 -0.20	26.56 2.55 -0.20	26.19 2.36 -0.65	25.67 2.29 -0.28	28.26 2.46 -2.62	31.91 2.59 -6.23	33.22 2.99 -4.87	39.26 3.99 -3.05	44.93 4.36 -4.24	40.64 4.30 -0.84	38.09 3.73 -3.05	34.34 3.38 -2.54	33.27 3.42 -1.83	32.67 3.07 -3.84
BALL_HILL_WT_PWR 323825	21.83 -1.27 0.00	21.05 -1.16 0.00	20.25 -1.13 0.00	20.15 -1.20 0.00	20.61 -1.04 0.00	21.27 -1.00 0.00	22.70 -0.77 0.00	22.56 -1.31 0.00	22.75 -1.27 0.00	22.44 -1.06 0.00	23.56 -1.08 0.00	22.89 -0.93 0.00	21.90 -1.27 0.00	21.74 -1.36 0.00	21.58 -1.60 0.00	21.59 -1.50 0.00	23.61 -1.75 0.00	30.77 -1.45 0.00	34.73 -1.60 0.00	33.80 -1.70 0.00	29.58 -2.25 -0.52	27.11 -1.65 -0.35	26.82 -1.20 0.00	25.14 -0.62 0.00
BARON_WINDS___WT_PWR 323822	23.31 0.21 0.00	22.39 0.18 0.00	21.58 0.19 0.00	21.52 0.17 0.00	21.97 0.33 0.00	22.63 0.36 0.00	24.13 0.66 0.00	24.42 0.55 0.00	24.55 0.53 0.00	24.08 0.59 0.00	25.23 0.59 0.00	24.39 0.57 0.00	23.48 0.30 0.00	23.27 0.16 0.00	23.27 0.09 0.00	23.33 0.23 0.00	25.69 0.33 0.00	33.21 1.00 0.00	37.56 1.24 0.00	36.64 1.14 0.00	32.60 0.47 -0.82	29.73 0.77 -0.54	28.95 0.92 0.00	26.82 1.06 0.00
BARRETT_IC_1 23704	27.48 1.73 -2.64	23.76 1.44 -0.11	22.74 1.35 -0.01	22.70 1.35 -0.01	23.00 1.34 -0.01	23.62 1.34 -0.01	25.67 1.74 -0.45	30.33 1.96 -4.50	31.33 2.07 -5.24	30.33 2.02 -4.81	28.15 2.22 -1.29	28.15 2.05 -2.28	28.15 1.85 -3.12	28.15 1.78 -3.27	28.15 1.92 -3.05	31.45 2.12 -6.24	32.70 2.46 -4.88	38.46 3.19 -3.06	44.03 3.45 -4.25	39.79 3.44 -0.85	37.37 3.01 -3.05	33.78 2.81 -2.55	32.66 2.80 -1.84	32.11 2.50 -3.85
BARRETT_IC_10 23701	27.48 1.73 -2.64	23.76 1.44 -0.11	22.74 1.35 -0.01	22.70 1.35 -0.01	23.00 1.34 -0.01	23.62 1.34 -0.01	25.67 1.74 -0.45	30.33 1.96 -4.50	31.33 2.07 -5.24	30.33 2.02 -4.81	28.15 2.22 -1.29	28.15 2.05 -2.28	28.15 1.85 -3.12	28.15 1.78 -3.27	28.15 1.92 -3.05	31.45 2.12 -6.24	32.70 2.46 -4.88	38.46 3.19 -3.06	44.03 3.45 -4.25	39.79 3.44 -0.85	37.37 3.01 -3.05	33.78 2.81 -2.55	32.66 2.80 -1.84	32.11 2.50 -3.85
BARRETT_IC_11 23702	27.48 1.73 -2.64	23.76 1.44 -0.11	22.74 1.35 -0.01	22.70 1.35 -0.01	23.00 1.34 -0.01	23.62 1.34 -0.01	25.67 1.74 -0.45	30.33 1.96 -4.50	31.33 2.07 -5.24	30.33 2.02 -4.81	28.15 2.22 -1.29	28.15 2.05 -2.28	28.15 1.85 -3.12	28.15 1.78 -3.27	28.15 1.92 -3.05	31.45 2.12 -6.24	32.70 2.46 -4.88	38.46 3.19 -3.06	44.03 3.45 -4.25	39.79 3.44 -0.85	37.37 3.01 -3.05	33.78 2.81 -2.55	32.66 2.80 -1.84	32.11 2.50 -3.85
BARRETT_IC_12 23703	27.48 1.73 -2.64	23.76 1.44 -0.11	22.74 1.35 -0.01	22.70 1.35 -0.01	23.00 1.34 -0.01	23.62 1.34 -0.01	25.67 1.74 -0.45	30.33 1.96 -4.50	31.33 2.07 -5.24	30.33 2.02 -4.81	28.15 2.22 -1.29	28.15 2.05 -2.28	28.15 1.85 -3.12	28.15 1.78 -3.27	28.15 1.92 -3.05	31.45 2.12 -6.24	32.70 2.46 -4.88	38.46 3.19 -3.06	44.03 3.45 -4.25	39.79 3.44 -0.85	37.37 3.01 -3.05	33.78 2.81 -2.55	32.66 2.80 -1.84	32.11 2.50 -3.85
BARRETT_IC_2 23705	27.48 1.73 -2.64	23.76 1.44 -0.11	22.74 1.35 -0.01	22.70 1.35 -0.01	23.00 1.34 -0.01	23.62 1.34 -0.01	25.67 1.74 -0.45	30.33 1.96 -4.50	31.33 2.07 -5.24	30.33 2.02 -4.81	28.15 2.22 -1.29	28.15 2.05 -2.28	28.15 1.85 -3.12	28.15 1.78 -3.27	28.15 1.92 -3.05	31.45 2.12 -6.24	32.70 2.46 -4.88	38.46 3.19 -3.06	44.03 3.45 -4.25	39.79 3.44 -0.85	37.37 3.01 -3.05	33.78 2.81 -2.55	32.66 2.80 -1.84	32.11 2.50 -3.85
BARRETT_IC_3 23706	27.48 1.73 -2.64	23.76 1.44 -0.11	22.74 1.35 -0.01	22.70 1.35 -0.01	23.00 1.34 -0.01	23.62 1.34 -0.01	25.67 1.74 -0.45	30.33 1.96 -4.50	31.33 2.07 -5.24	30.33 2.02 -4.81	28.15 2.22 -1.29	28.15 2.05 -2.28	28.15 1.85 -3.12	28.15 1.78 -3.27	28.15 1.92 -3.05	31.45 2.12 -6.24	32.70 2.46 -4.88	38.46 3.19 -3.06	44.03 3.45 -4.25	39.79 3.44 -0.85	37.37 3.01 -3.05	33.78 2.81 -2.55	32.66 2.80 -1.84	32.11 2.50 -3.85
BARRETT_IC_4 23707	27.48 1.73 -2.64	23.76 1.44 -0.11	22.74 1.35 -0.01	22.70 1.35 -0.01	23.00 1.34 -0.01	23.62 1.34 -0.01	25.67 1.74 -0.45	30.33 1.96 -4.50	31.33 2.07 -5.24	30.33 2.02 -4.81	28.15 2.22 -1.29	28.15 2.05 -2.28	28.15 1.85 -3.12	28.15 1.78 -3.27	28.15 1.92 -3.05	31.45 2.12 -6.24	32.70 2.46 -4.88	38.46 3.19 -3.06	44.03 3.45 -4.25	39.79 3.44 -0.85	37.37 3.01 -3.05	33.78 2.81 -2.55	32.66 2.80 -1.84	32.11 2.50 -3.85



BARRETT_IC_5 23708	27.48 1.73 -2.64	23.76 1.44 -0.11	22.74 1.35 -0.01	22.70 1.35 -0.01	23.00 1.34 -0.01	23.62 1.34 -0.01	25.67 1.74 -0.45	30.33 1.96 -4.50	31.33 2.07 -5.24	30.33 2.02 -4.81	28.15 2.22 -1.29	28.15 2.05 -2.28	28.15 1.85 -3.12	28.15 1.78 -3.27	28.15 1.92 -3.05	31.45 2.12 -6.24	32.70 2.46 -4.88	38.46 3.19 -3.06	44.03 3.45 -4.25	39.79 3.44 -0.85	37.37 3.01 -3.05	33.78 2.81 -2.55	32.66 2.80 -1.84	32.11 2.50 -3.85
BARRETT_IC_6 23709	27.48 1.73 -2.64	23.76 1.44 -0.11	22.74 1.35 -0.01	22.70 1.35 -0.01	23.00 1.34 -0.01	23.62 1.34 -0.01	25.67 1.74 -0.45	30.33 1.96 -4.50	31.33 2.07 -5.24	30.33 2.02 -4.81	28.15 2.22 -1.29	28.15 2.05 -2.28	28.15 1.85 -3.12	28.15 1.78 -3.27	28.15 1.92 -3.05	31.45 2.12 -6.24	32.70 2.46 -4.88	38.46 3.19 -3.06	44.03 3.45 -4.25	39.79 3.44 -0.85	37.37 3.01 -3.05	33.78 2.81 -2.55	32.66 2.80 -1.84	32.11 2.50 -3.85
BARRETT_IC_7 23710	27.47 1.73 -2.63	23.76 1.44 -0.10	22.73 1.35 0.00	22.69 1.34 0.00	22.99 1.34 0.00	23.61 1.34 0.00	25.66 1.74 -0.45	30.33 1.96 -4.50	31.33 2.07 -5.24	30.33 2.02 -4.81	28.15 2.22 -1.29	28.15 2.05 -2.28	28.15 1.85 -3.12	28.15 1.78 -3.27	28.15 1.92 -3.05	31.45 2.12 -6.23	32.69 2.46 -4.87	38.48 3.22 -3.05	44.02 3.45 -4.24	39.79 3.44 -0.84	37.37 3.01 -3.05	33.74 2.78 -2.54	32.68 2.83 -1.83	32.10 2.50 -3.84
BARRETT_IC_8 23711	27.48 1.73 -2.64	23.76 1.44 -0.11	22.74 1.35 -0.01	22.70 1.35 -0.01	23.00 1.34 -0.01	23.62 1.34 -0.01	25.67 1.74 -0.45	30.33 1.96 -4.50	31.33 2.07 -5.24	30.33 2.02 -4.81	28.15 2.22 -1.29	28.15 2.05 -2.28	28.15 1.85 -3.12	28.15 1.78 -3.27	28.15 1.92 -3.05	31.45 2.12 -6.24	32.70 2.46 -4.88	38.46 3.19 -3.06	44.03 3.45 -4.25	39.79 3.44 -0.85	37.37 3.01 -3.05	33.78 2.81 -2.55	32.66 2.80 -1.84	32.11 2.50 -3.85
BARRETT_IC_9 23700	27.48 1.73 -2.64	23.76 1.44 -0.11	22.74 1.35 -0.01	22.70 1.35 -0.01	23.00 1.34 -0.01	23.62 1.34 -0.01	25.67 1.74 -0.45	30.33 1.96 -4.50	31.33 2.07 -5.24	30.33 2.02 -4.81	28.15 2.22 -1.29	28.15 2.05 -2.28	28.15 1.85 -3.12	28.15 1.78 -3.27	28.15 1.92 -3.05	31.45 2.12 -6.24	32.70 2.46 -4.88	38.46 3.19 -3.06	44.03 3.45 -4.25	39.79 3.44 -0.85	37.37 3.01 -3.05	33.78 2.81 -2.55	32.66 2.80 -1.84	32.11 2.50 -3.85
BARRETT___1 23545	27.48 1.73 -2.64	23.76 1.44 -0.11	22.74 1.35 -0.01	22.70 1.35 -0.01	23.00 1.34 -0.01	23.62 1.34 -0.01	25.67 1.74 -0.45	30.33 1.96 -4.50	31.33 2.07 -5.24	30.33 2.02 -4.81	28.15 2.22 -1.29	28.15 2.05 -2.28	28.15 1.85 -3.12	28.15 1.78 -3.27	28.15 1.92 -3.05	31.45 2.12 -6.24	32.70 2.46 -4.88	38.46 3.19 -3.06	44.03 3.45 -4.25	39.79 3.44 -0.85	37.37 3.01 -3.05	33.78 2.81 -2.55	32.66 2.80 -1.84	32.11 2.50 -3.85
BARRETT___2 23546	27.48 1.73 -2.64	23.76 1.44 -0.11	22.74 1.35 -0.01	22.70 1.35 -0.01	23.00 1.34 -0.01	23.62 1.34 -0.01	25.67 1.74 -0.45	30.33 1.96 -4.50	31.33 2.07 -5.24	30.33 2.02 -4.81	28.15 2.22 -1.29	28.15 2.05 -2.28	28.15 1.85 -3.12	28.15 1.78 -3.27	28.15 1.92 -3.05	31.45 2.12 -6.24	32.70 2.46 -4.88	38.46 3.19 -3.06	44.03 3.45 -4.25	39.79 3.44 -0.85	37.37 3.01 -3.05	33.78 2.81 -2.55	32.66 2.80 -1.84	32.11 2.50 -3.85
BATAVIA__115KV_TB1 55881	21.97 -1.13 0.00	21.17 -1.04 0.00	20.38 -1.01 0.00	20.26 -1.09 0.00	20.70 -0.95 0.00	21.36 -0.91 0.00	22.77 -0.70 0.00	22.68 -1.19 0.00	22.89 -1.13 0.00	22.56 -0.94 0.00	23.66 -0.99 0.00	22.94 -0.88 0.00	21.97 -1.21 0.00	21.79 -1.32 0.00	21.69 -1.48 0.00	21.69 -1.41 0.00	23.76 -1.60 0.00	30.96 -1.26 0.00	35.02 -1.31 0.00	34.15 -1.35 0.00	30.37 -1.41 -0.46	27.42 -1.31 -0.31	26.93 -1.09 0.00	25.17 -0.59 0.00
BAYONEEC___CTG1 323682	24.49 1.39 0.00	23.25 1.04 0.00	22.37 0.98 0.00	22.35 1.00 0.00	22.64 1.00 0.00	23.21 0.94 0.00	24.79 1.31 0.00	25.56 1.69 0.00	25.80 1.78 0.00	25.33 1.83 0.00	26.69 2.04 0.00	25.72 1.91 0.00	24.87 1.69 0.00	24.72 1.62 0.00	24.98 1.78 -0.02	24.99 1.89 0.00	27.58 2.21 -0.02	35.05 2.84 0.00	39.31 2.98 0.00	38.48 2.98 0.00	36.96 2.60 -3.05	32.92 2.47 -2.03	30.52 2.49 0.00	27.95 2.19 0.00
BAYONEEC___CTG10 323750	24.49 1.39 0.00	23.25 1.04 0.00	22.37 0.98 0.00	22.35 1.00 0.00	22.64 1.00 0.00	23.21 0.94 0.00	24.79 1.31 0.00	25.56 1.69 0.00	25.80 1.78 0.00	25.33 1.83 0.00	26.69 2.04 0.00	25.72 1.91 0.00	24.87 1.69 0.00	24.72 1.62 0.00	24.98 1.78 -0.02	24.99 1.89 0.00	27.58 2.21 -0.02	35.05 2.84 0.00	39.31 2.98 0.00	38.48 2.98 0.00	36.96 2.60 -3.05	32.92 2.47 -2.03	30.52 2.49 0.00	27.95 2.19 0.00
BAYONEEC___CTG2 323683	24.49 1.39 0.00	23.25 1.04 0.00	22.37 0.98 0.00	22.35 1.00 0.00	22.64 1.00 0.00	23.21 0.94 0.00	24.79 1.31 0.00	25.56 1.69 0.00	25.80 1.78 0.00	25.33 1.83 0.00	26.69 2.04 0.00	25.72 1.91 0.00	24.87 1.69 0.00	24.72 1.62 0.00	24.98 1.78 -0.02	24.99 1.89 0.00	27.58 2.21 -0.02	35.05 2.84 0.00	39.31 2.98 0.00	38.48 2.98 0.00	36.96 2.60 -3.05	32.92 2.47 -2.03	30.52 2.49 0.00	27.95 2.19 0.00
BAYONEEC___CTG3 323684	24.49 1.39 0.00	23.25 1.04 0.00	22.37 0.98 0.00	22.35 1.00 0.00	22.64 1.00 0.00	23.21 0.94 0.00	24.79 1.31 0.00	25.56 1.69 0.00	25.80 1.78 0.00	25.33 1.83 0.00	26.69 2.04 0.00	25.72 1.91 0.00	24.87 1.69 0.00	24.72 1.62 0.00	24.98 1.78 -0.02	24.99 1.89 0.00	27.58 2.21 -0.02	35.05 2.84 0.00	39.31 2.98 0.00	38.48 2.98 0.00	36.96 2.60 -3.05	32.92 2.47 -2.03	30.52 2.49 0.00	27.95 2.19 0.00
BAYONEEC___CTG4 323685	24.49 1.39 0.00	23.25 1.04 0.00	22.37 0.98 0.00	22.35 1.00 0.00	22.64 1.00 0.00	23.21 0.94 0.00	24.79 1.31 0.00	25.56 1.69 0.00	25.80 1.78 0.00	25.33 1.83 0.00	26.69 2.04 0.00	25.72 1.91 0.00	24.87 1.69 0.00	24.72 1.62 0.00	24.98 1.78 -0.02	24.99 1.89 0.00	27.58 2.21 -0.02	35.05 2.84 0.00	39.31 2.98 0.00	38.48 2.98 0.00	36.96 2.60 -3.05	32.92 2.47 -2.03	30.52 2.49 0.00	27.95 2.19 0.00
BAYONEEC___CTG5 323686	24.49 1.39 0.00	23.25 1.04 0.00	22.37 0.98 0.00	22.35 1.00 0.00	22.64 1.00 0.00	23.21 0.94 0.00	24.79 1.31 0.00	25.56 1.69 0.00	25.80 1.78 0.00	25.33 1.83 0.00	26.69 2.04 0.00	25.72 1.91 0.00	24.87 1.69 0.00	24.72 1.62 0.00	24.98 1.78 -0.02	24.99 1.89 0.00	27.58 2.21 -0.02	35.05 2.84 0.00	39.31 2.98 0.00	38.48 2.98 0.00	36.96 2.60 -3.05	32.92 2.47 -2.03	30.52 2.49 0.00	27.95 2.19 0.00
BAYONEEC___CTG6 323687	24.49 1.39 0.00	23.25 1.04 0.00	22.37 0.98 0.00	22.35 1.00 0.00	22.64 1.00 0.00	23.21 0.94 0.00	24.79 1.31 0.00	25.56 1.69 0.00	25.80 1.78 0.00	25.33 1.83 0.00	26.69 2.04 0.00	25.72 1.91 0.00	24.87 1.69 0.00	24.72 1.62 0.00	24.98 1.78 -0.02	24.99 1.89 0.00	27.58 2.21 -0.02	35.05 2.84 0.00	39.31 2.98 0.00	38.48 2.98 0.00	36.96 2.60 -3.05	32.92 2.47 -2.03	30.52 2.49 0.00	27.95 2.19 0.00



BAYONEEC___CTG7 323688	24.49 1.39 0.00	23.25 1.04 0.00	22.37 0.98 0.00	22.35 1.00 0.00	22.64 1.00 0.00	23.21 0.94 0.00	24.79 1.31 0.00	25.56 1.69 0.00	25.80 1.78 0.00	25.33 1.83 0.00	26.69 2.04 0.00	25.72 1.91 0.00	24.87 1.69 0.00	24.72 1.62 0.00	24.98 1.78 -0.02	24.99 1.89 0.00	27.58 2.21 -0.02	35.05 2.84 0.00	39.31 2.98 0.00	38.48 2.98 0.00	36.96 2.60 -3.05	32.92 2.47 -2.03	30.52 2.49 0.00	27.95 2.19 0.00
BAYONEEC___CTG8 323689	24.49 1.39 0.00	23.25 1.04 0.00	22.37 0.98 0.00	22.35 1.00 0.00	22.64 1.00 0.00	23.21 0.94 0.00	24.79 1.31 0.00	25.56 1.69 0.00	25.80 1.78 0.00	25.33 1.83 0.00	26.69 2.04 0.00	25.72 1.91 0.00	24.87 1.69 0.00	24.72 1.62 0.00	24.98 1.78 -0.02	24.99 1.89 0.00	27.58 2.21 -0.02	35.05 2.84 0.00	39.31 2.98 0.00	38.48 2.98 0.00	36.96 2.60 -3.05	32.92 2.47 -2.03	30.52 2.49 0.00	27.95 2.19 0.00
BAYONEEC___CTG9 323749	24.49 1.39 0.00	23.25 1.04 0.00	22.37 0.98 0.00	22.35 1.00 0.00	22.64 1.00 0.00	23.21 0.94 0.00	24.79 1.31 0.00	25.56 1.69 0.00	25.80 1.78 0.00	25.33 1.83 0.00	26.69 2.04 0.00	25.72 1.91 0.00	24.87 1.69 0.00	24.72 1.62 0.00	24.98 1.78 -0.02	24.99 1.89 0.00	27.58 2.21 -0.02	35.05 2.84 0.00	39.31 2.98 0.00	38.48 2.98 0.00	36.96 2.60 -3.05	32.92 2.47 -2.03	30.52 2.49 0.00	27.95 2.19 0.00
BEACON___LESR 323632	23.89 0.79 0.00	22.79 0.58 0.00	21.94 0.56 0.00	21.88 0.53 0.00	22.17 0.52 0.00	22.83 0.56 0.00	24.25 0.77 0.00	24.82 0.96 0.00	24.98 0.96 0.00	24.36 0.87 0.00	25.68 1.03 0.00	24.74 0.93 0.00	24.01 0.83 0.00	23.84 0.74 0.00	24.03 0.86 0.00	24.11 1.02 0.00	26.60 1.24 0.00	33.99 1.77 0.00	38.33 2.00 0.00	37.49 1.99 0.00	36.76 1.69 -3.76	32.45 1.53 -2.50	29.57 1.54 0.00	27.10 1.34 0.00
BEAVER RIVER___HYD 24048	22.85 -0.25 0.00	21.97 -0.24 0.00	21.19 -0.19 0.00	21.20 -0.15 0.00	21.56 -0.09 0.00	22.34 0.07 0.00	23.62 0.14 0.00	24.04 0.17 0.00	24.14 0.12 0.00	23.59 0.09 0.00	24.72 0.07 0.00	23.79 -0.02 0.00	23.11 -0.07 0.00	23.01 -0.09 0.00	23.04 -0.14 0.00	23.00 -0.09 0.00	25.44 0.08 0.00	32.67 0.45 0.00	36.95 0.62 0.00	35.96 0.46 0.00	31.89 0.44 -0.14	28.76 0.26 -0.09	28.17 0.14 0.00	25.89 0.13 0.00
BEEBEE_GT_13 23619	22.09 -1.02 0.00	21.26 -0.96 0.00	20.47 -0.92 0.00	20.37 -0.98 0.00	20.78 -0.87 0.00	21.41 -0.87 0.00	22.80 -0.68 0.00	22.89 -0.98 0.00	23.09 -0.94 0.00	22.67 -0.82 0.00	23.81 -0.84 0.00	23.05 -0.76 0.00	22.18 -1.00 0.00	22.02 -1.09 0.00	21.97 -1.21 0.00	21.96 -1.13 0.00	24.09 -1.27 0.00	31.15 -1.06 0.00	35.20 -1.13 0.00	34.37 -1.14 0.00	30.79 -0.94 -0.42	27.82 -0.88 -0.28	27.07 -0.95 0.00	25.14 -0.62 0.00
BENSHRST_27_KV_BENSHRST_1 355998	24.84 1.73 0.00	23.61 1.40 0.00	22.71 1.33 0.00	22.65 1.30 0.00	22.97 1.32 0.00	23.48 1.20 0.00	25.00 1.53 0.00	25.75 1.89 0.00	25.99 1.97 0.00	25.54 2.04 0.00	53.79 2.27 -26.88	57.14 2.12 -31.21	74.88 1.90 -49.80	61.59 1.85 -36.64	25.21 2.02 -0.02	25.22 2.12 0.00	27.84 2.46 -0.02	44.71 3.19 -9.31	39.74 3.41 0.00	38.88 3.37 0.00	49.98 2.94 -15.73	34.19 2.78 -2.98	31.00 2.91 -0.06	43.41 2.47 -15.18
BETHLEHEM___GRP 23843	23.47 0.37 0.00	22.41 0.20 0.00	21.58 0.19 0.00	21.56 0.21 0.00	21.80 0.15 0.00	22.43 0.16 0.00	23.81 0.33 0.00	24.37 0.50 0.00	24.50 0.48 0.00	23.92 0.42 0.00	25.24 0.59 0.00	24.34 0.52 0.00	23.64 0.46 0.00	23.52 0.42 0.00	23.73 0.56 0.00	23.74 0.65 0.00	26.12 0.76 0.00	33.28 1.06 0.00	37.49 1.16 0.00	36.64 1.14 0.00	36.05 0.97 -3.76	31.80 0.88 -2.51	28.92 0.90 0.00	26.53 0.77 0.00
BETHLEHEM___GS1 323560	23.47 0.37 0.00	22.41 0.20 0.00	21.58 0.19 0.00	21.52 0.17 0.00	21.80 0.15 0.00	22.43 0.16 0.00	23.81 0.33 0.00	24.37 0.50 0.00	24.50 0.48 0.00	23.92 0.42 0.00	25.23 0.59 0.00	24.34 0.52 0.00	23.64 0.46 0.00	23.52 0.42 0.00	23.69 0.51 0.00	23.74 0.65 0.00	26.12 0.76 0.00	33.28 1.06 0.00	37.49 1.16 0.00	36.64 1.14 0.00	36.05 0.97 -3.76	31.83 0.91 -2.51	28.95 0.92 0.00	26.53 0.77 0.00
BETHLEHEM___GS2 323561	23.47 0.37 0.00	22.41 0.20 0.00	21.58 0.19 0.00	21.52 0.17 0.00	21.80 0.15 0.00	22.43 0.16 0.00	23.81 0.33 0.00	24.37 0.50 0.00	24.50 0.48 0.00	23.92 0.42 0.00	25.23 0.59 0.00	24.34 0.52 0.00	23.64 0.46 0.00	23.52 0.42 0.00	23.69 0.51 0.00	23.74 0.65 0.00	26.12 0.76 0.00	33.28 1.06 0.00	37.49 1.16 0.00	36.64 1.14 0.00	36.05 0.97 -3.76	31.83 0.91 -2.51	28.95 0.92 0.00	26.53 0.77 0.00
BETHLEHEM___GS3 323562	23.47 0.37 0.00	22.41 0.20 0.00	21.58 0.19 0.00	21.52 0.17 0.00	21.80 0.15 0.00	22.43 0.16 0.00	23.81 0.33 0.00	24.37 0.50 0.00	24.50 0.48 0.00	23.92 0.42 0.00	25.23 0.59 0.00	24.34 0.52 0.00	23.64 0.46 0.00	23.52 0.42 0.00	23.69 0.51 0.00	23.74 0.65 0.00	26.12 0.76 0.00	33.28 1.06 0.00	37.49 1.16 0.00	36.64 1.14 0.00	36.05 0.97 -3.76	31.83 0.91 -2.51	28.95 0.92 0.00	26.53 0.77 0.00
BETHLEHEM___STEEL 23779	21.72 -1.39 0.00	20.94 -1.27 0.00	20.15 -1.24 0.00	20.05 -1.30 0.00	20.52 -1.13 0.00	21.18 -1.09 0.00	22.54 -0.94 0.00	22.36 -1.50 0.00	22.58 -1.44 0.00	22.27 -1.22 0.00	23.39 -1.26 0.00	22.72 -1.10 0.00	21.74 -1.44 0.00	21.56 -1.55 0.00	21.41 -1.76 0.00	21.41 -1.69 0.00	23.41 -1.95 0.00	30.48 -1.74 0.00	34.40 -1.93 0.00	33.51 -1.99 0.00	29.35 -2.47 -0.51	26.57 -2.19 -0.34	26.60 -1.43 0.00	24.96 -0.80 0.00
BETHLHEM_115KV_TB1 79974	23.54 0.44 0.00	22.48 0.27 0.00	21.64 0.26 0.00	21.60 0.26 0.00	21.86 0.22 0.00	22.48 0.20 0.00	23.88 0.40 0.00	24.42 0.55 0.00	24.58 0.55 0.00	23.99 0.49 0.00	25.28 0.64 0.00	24.39 0.57 0.00	23.69 0.51 0.00	23.57 0.46 0.00	23.76 0.58 0.00	23.79 0.69 0.00	26.17 0.81 0.00	33.34 1.13 0.00	37.56 1.24 0.00	36.74 1.24 0.00	36.14 1.06 -3.76	31.89 0.97 -2.50	28.98 0.95 0.00	26.61 0.85 0.00
BETHPAGE_CC_5 323564	27.63 1.89 -2.63	23.89 1.58 -0.10	22.86 1.47 0.00	22.82 1.47 0.00	23.12 1.47 0.00	23.72 1.45 0.00	25.78 1.85 -0.45	29.80 2.17 -3.75	31.42 2.23 -5.16	30.31 2.23 -4.58	27.33 2.44 -0.25	26.34 2.24 -0.29	26.00 2.06 -0.76	25.48 1.96 -0.41	27.95 2.13 -2.64	31.59 2.26 -6.23	32.82 2.59 -4.87	38.68 3.41 -3.05	44.28 3.71 -4.24	40.00 3.66 -0.84	37.56 3.20 -3.05	33.91 2.96 -2.54	32.85 3.00 -1.83	32.28 2.68 -3.84
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	21.81 -1.29 0.00	21.03 -1.18 0.00	20.23 -1.15 0.00	20.11 -1.24 0.00	20.61 -1.04 0.00	21.27 -1.00 0.00	22.63 -0.85 0.00	22.46 -1.41 0.00	22.68 -1.35 0.00	22.39 -1.10 0.00	23.49 -1.16 0.00	22.82 -1.00 0.00	21.83 -1.34 0.00	21.65 -1.46 0.00	21.51 -1.67 0.00	21.50 -1.59 0.00	23.51 -1.85 0.00	30.60 -1.61 0.00	34.59 -1.74 0.00	33.66 -1.85 0.00	29.36 -2.47 -0.52	26.57 -2.19 -0.34	26.74 -1.29 0.00	25.06 -0.70 0.00



BINGHAMTON___COGEN 23790	23.22 0.12 0.00	22.28 0.07 0.00	21.45 0.06 0.00	21.39 0.04 0.00	21.78 0.13 0.00	22.43 0.16 0.00	23.81 0.33 0.00	24.18 0.31 0.00	24.34 0.31 0.00	23.85 0.35 0.00	25.01 0.37 0.00	24.15 0.33 0.00	23.32 0.14 0.00	23.17 0.07 0.00	23.22 0.05 0.00	23.21 0.12 0.00	25.56 0.20 0.00	32.83 0.61 0.00	37.06 0.73 0.00	36.14 0.64 0.00	32.67 0.31 -1.05	29.43 0.31 -0.70	28.56 0.53 0.00	26.35 0.59 0.00
BIXINCNT_115KV_LOAD 355685	22.07 -1.04 0.00	21.30 -0.91 0.00	20.49 -0.90 0.00	20.30 -1.05 0.00	20.85 -0.80 0.00	21.52 -0.76 0.00	22.89 -0.59 0.00	22.72 -1.15 0.00	22.94 -1.08 0.00	22.65 -0.85 0.00	23.78 -0.86 0.00	23.03 -0.79 0.00	21.99 -1.18 0.00	21.79 -1.32 0.00	21.55 -1.62 0.00	21.57 -1.52 0.00	23.61 -1.75 0.00	30.93 -1.29 0.00	35.17 -1.16 0.00	34.26 -1.24 0.00	29.55 -2.32 -0.55	26.80 -1.99 -0.37	27.21 -0.81 0.00	25.55 -0.21 0.00
BLACK RIVER___HYD 24047	22.94 -0.16 0.00	22.06 -0.15 0.00	21.28 -0.11 0.00	21.26 -0.09 0.00	21.69 0.04 0.00	22.43 0.16 0.00	23.76 0.28 0.00	24.20 0.33 0.00	24.31 0.29 0.00	23.73 0.23 0.00	24.89 0.25 0.00	23.96 0.14 0.00	23.20 0.02 0.00	23.08 -0.02 0.00	23.11 -0.07 0.00	23.12 0.02 0.00	25.61 0.25 0.00	33.09 0.87 0.00	37.42 1.09 0.00	36.39 0.89 0.00	32.29 0.78 -0.19	29.06 0.51 -0.13	28.39 0.36 0.00	26.12 0.36 0.00
BLACKRVR_115KV_TB2 79977	22.94 -0.16 0.00	22.06 -0.16 0.00	21.28 -0.11 0.00	21.26 -0.09 0.00	21.69 0.04 0.00	22.43 0.16 0.00	23.76 0.28 0.00	24.20 0.33 0.00	24.31 0.29 0.00	23.73 0.23 0.00	24.89 0.25 0.00	23.96 0.14 0.00	23.20 0.02 0.00	23.08 -0.02 0.00	23.11 -0.07 0.00	23.12 0.02 0.00	25.61 0.25 0.00	33.08 0.87 0.00	37.42 1.09 0.00	36.39 0.89 0.00	32.29 0.78 -0.19	29.06 0.51 -0.13	28.39 0.36 0.00	26.12 0.36 0.00
BLISS_WT_PWR 323608	22.04 -1.06 0.00	21.28 -0.93 0.00	20.47 -0.92 0.00	20.28 -1.07 0.00	20.83 -0.82 0.00	21.47 -0.80 0.00	22.87 -0.61 0.00	22.70 -1.17 0.00	22.89 -1.13 0.00	22.60 -0.89 0.00	23.73 -0.91 0.00	22.98 -0.83 0.00	21.95 -1.23 0.00	21.72 -1.39 0.00	21.46 -1.71 0.00	21.50 -1.59 0.00	23.56 -1.80 0.00	30.89 -1.32 0.00	35.17 -1.16 0.00	34.26 -1.24 0.00	29.55 -2.32 -0.55	27.48 -1.31 -0.37	27.24 -0.78 0.00	25.55 -0.21 0.00
BLUESTONE___WT_PWR 323821	24.77 1.66 0.00	23.74 1.53 0.00	22.84 1.46 0.00	22.80 1.45 0.00	23.27 1.62 0.00	23.92 1.65 0.00	25.47 1.99 0.00	25.97 2.10 0.00	26.11 2.09 0.00	25.49 2.00 0.00	26.74 2.09 0.00	25.72 1.91 0.00	24.73 1.55 0.00	24.51 1.41 0.00	24.54 1.37 0.00	24.64 1.55 0.00	27.34 1.98 0.00	35.50 3.29 0.00	40.22 3.89 0.00	39.16 3.66 0.00	35.53 3.10 -1.12	32.00 2.84 -0.75	30.77 2.75 0.00	28.39 2.63 0.00
BLUE_CIRC_CHEM_DRP 24182	23.80 0.69 0.00	22.77 0.56 0.00	21.90 0.51 0.00	21.88 0.53 0.00	22.15 0.50 0.00	22.79 0.51 0.00	24.16 0.68 0.00	24.68 0.81 0.00	24.82 0.79 0.00	24.22 0.73 0.00	25.48 0.84 0.00	24.60 0.79 0.00	23.85 0.67 0.00	23.73 0.62 0.00	23.92 0.74 0.00	23.93 0.83 0.00	26.37 1.01 0.00	33.63 1.42 0.00	37.93 1.60 0.00	37.10 1.60 0.00	36.39 1.38 -3.70	32.10 1.22 -2.46	29.29 1.26 0.00	26.89 1.13 0.00
BOC_GAS_DRP 24189	23.66 0.55 0.00	22.63 0.42 0.00	21.77 0.38 0.00	21.75 0.41 0.00	22.04 0.39 0.00	22.65 0.38 0.00	24.04 0.56 0.00	24.56 0.69 0.00	24.72 0.70 0.00	24.15 0.66 0.00	25.43 0.79 0.00	24.53 0.71 0.00	23.80 0.63 0.00	23.66 0.55 0.00	23.85 0.67 0.00	23.86 0.76 0.00	26.27 0.91 0.00	33.47 1.26 0.00	37.71 1.38 0.00	36.89 1.38 0.00	36.25 1.19 -3.75	31.99 1.08 -2.50	29.12 1.09 0.00	26.74 0.98 0.00
BOONVILLE_115KV_TB1 79983	23.50 0.39 0.00	22.57 0.36 0.00	21.75 0.36 0.00	21.73 0.38 0.00	22.12 0.48 0.00	22.85 0.58 0.00	24.18 0.70 0.00	24.63 0.76 0.00	24.79 0.77 0.00	24.20 0.70 0.00	25.38 0.74 0.00	24.46 0.64 0.00	23.71 0.53 0.00	23.59 0.49 0.00	23.66 0.49 0.00	23.65 0.55 0.00	26.10 0.74 0.00	33.50 1.29 0.00	37.85 1.53 0.00	36.89 1.38 0.00	32.62 1.19 -0.11	29.52 1.02 -0.08	28.95 0.92 0.00	26.64 0.88 0.00
BORALEX_4TH_BRANCH 23824	24.40 1.29 0.00	23.30 1.09 0.00	22.41 1.03 0.00	22.37 1.02 0.00	22.67 1.02 0.00	23.32 1.05 0.00	24.84 1.36 0.00	25.42 1.55 0.00	25.58 1.56 0.00	24.90 1.41 0.00	26.22 1.58 0.00	25.29 1.48 0.00	24.38 1.21 0.00	24.24 1.13 0.00	24.54 1.37 0.00	24.60 1.50 0.00	27.16 1.80 0.00	34.63 2.42 0.00	39.05 2.72 0.00	38.20 2.70 0.00	37.41 2.35 -3.75	33.02 2.10 -2.50	30.10 2.07 0.00	27.64 1.88 0.00
BOWLINE___1 23526	24.26 1.15 0.00	23.10 0.89 0.00	22.22 0.83 0.00	22.20 0.85 0.00	22.49 0.84 0.00	23.10 0.82 0.00	24.63 1.15 0.00	25.35 1.48 0.00	25.54 1.51 0.00	25.02 1.53 0.00	26.34 1.70 0.00	25.36 1.55 0.00	24.52 1.34 0.00	24.40 1.29 0.00	24.59 1.41 0.00	24.62 1.52 0.00	27.16 1.80 0.00	34.60 2.38 0.00	38.91 2.58 0.00	38.06 2.56 0.00	36.53 2.26 -2.96	32.49 2.10 -1.97	30.13 2.10 0.00	27.62 1.86 0.00
BOWLINE___2 23595	24.26 1.15 0.00	23.10 0.89 0.00	22.22 0.83 0.00	22.20 0.85 0.00	22.49 0.84 0.00	23.10 0.82 0.00	24.63 1.15 0.00	25.35 1.48 0.00	25.54 1.51 0.00	25.02 1.53 0.00	26.34 1.70 0.00	25.36 1.55 0.00	24.52 1.34 0.00	24.40 1.29 0.00	24.59 1.41 0.00	24.62 1.52 0.00	27.16 1.80 0.00	34.60 2.38 0.00	38.91 2.58 0.00	38.06 2.56 0.00	36.53 2.26 -2.96	32.49 2.10 -1.97	30.13 2.10 0.00	27.62 1.86 0.00
BRADY___115KV_TB2 356060	23.20 0.09 0.00	22.41 0.20 0.00	21.62 0.24 0.00	21.60 0.26 0.00	21.84 0.19 0.00	22.48 0.20 0.00	23.43 -0.05 0.00	23.68 -0.19 0.00	23.81 -0.22 0.00	23.24 -0.26 0.00	24.30 -0.35 0.00	23.51 -0.31 0.00	23.06 -0.12 0.00	23.08 -0.02 0.00	23.04 -0.14 0.00	22.84 -0.25 0.00	25.03 -0.33 0.00	31.67 -0.55 0.00	35.78 -0.54 0.00	34.93 -0.57 0.00	30.87 -0.44 0.00	27.96 -0.45 0.00	27.49 -0.53 0.00	25.27 -0.49 0.00
BRANSCOMB___SOLAR 323811	24.26 1.15 0.00	23.17 0.95 0.00	22.31 0.92 0.00	22.24 0.90 0.00	22.56 0.91 0.00	23.21 0.94 0.00	24.70 1.22 0.00	25.23 1.36 0.00	25.34 1.32 0.00	24.65 1.15 0.00	25.92 1.28 0.00	24.98 1.17 0.00	24.15 0.97 0.00	24.01 0.90 0.00	24.19 1.02 0.00	24.27 1.18 0.00	26.93 1.57 0.00	34.50 2.29 0.00	38.95 2.62 0.00	38.13 2.63 0.00	37.43 2.26 -3.86	33.01 2.02 -2.57	30.04 2.02 0.00	27.54 1.78 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	27.79 2.06 -2.63	24.07 1.75 -0.10	23.03 1.65 0.00	22.99 1.64 0.00	23.32 1.67 0.00	23.90 1.63 0.00	26.04 2.11 -0.45	30.00 2.43 -3.70	31.62 2.45 -5.15	30.52 2.47 -4.56	27.49 2.69 -0.16	26.39 2.45 -0.12	26.01 2.27 -0.56	25.48 2.19 -0.18	28.15 2.36 -2.61	31.79 2.47 -6.23	33.07 2.84 -4.87	39.00 3.74 -3.05	44.64 4.07 -4.24	40.35 4.01 -0.84	37.87 3.51 -3.05	34.14 3.18 -2.54	33.10 3.25 -1.83	32.51 2.91 -3.84



BRISTLHL_115KV_TB1 79998	22.39 -0.72 0.00	21.52 -0.69 0.00	20.72 -0.66 0.00	20.67 -0.68 0.00	21.00 -0.65 0.00	21.63 -0.65 0.00	22.89 -0.59 0.00	23.27 -0.60 0.00	23.45 -0.58 0.00	22.95 -0.54 0.00	24.08 -0.57 0.00	23.25 -0.57 0.00	22.50 -0.67 0.00	22.37 -0.74 0.00	22.43 -0.74 0.00	22.42 -0.67 0.00	24.68 -0.68 0.00	31.57 -0.64 0.00	35.64 -0.69 0.00	34.79 -0.71 0.00	30.96 -0.66 -0.30	28.02 -0.60 -0.20	27.41 -0.62 0.00	25.24 -0.52 0.00
BROOKHAVEN___DRP 24191	27.72 1.99 -2.63	24.04 1.73 -0.10	23.01 1.63 0.00	22.97 1.62 0.00	23.29 1.65 0.00	23.86 1.58 0.00	25.97 2.04 -0.45	29.88 2.32 -3.69	31.48 2.31 -5.15	30.43 2.37 -4.56	27.41 2.61 -0.15	26.28 2.36 -0.10	25.94 2.22 -0.54	25.38 2.13 -0.15	28.05 2.27 -2.60	31.68 2.36 -6.23	32.94 2.71 -4.87	38.74 3.48 -3.05	44.38 3.81 -4.24	40.07 3.73 -0.84	37.65 3.29 -3.05	33.91 2.96 -2.54	32.85 3.00 -1.83	32.28 2.68 -3.84
BROOKLYN_NAVY_YARD 23515	24.49 1.39 0.00	23.25 1.04 0.00	22.37 0.98 0.00	22.33 0.98 0.00	22.62 0.98 0.00	23.21 0.94 0.00	24.79 1.31 0.00	25.56 1.69 0.00	25.80 1.78 0.00	25.33 1.83 0.00	26.71 2.07 0.00	25.72 1.91 0.00	24.89 1.72 0.00	24.75 1.64 0.00	24.98 1.78 -0.02	24.99 1.89 0.00	27.61 2.23 -0.02	35.08 2.87 0.00	39.38 3.05 0.00	38.56 3.05 0.00	37.03 2.66 -3.05	32.98 2.53 -2.03	30.55 2.52 0.00	28.00 2.24 0.00
BROOKLYN___ARMY_DRP 323595	24.75 1.64 0.00	23.52 1.31 0.00	22.63 1.24 0.00	22.59 1.24 0.00	22.88 1.23 0.00	23.41 1.14 0.00	24.91 1.43 0.00	25.68 1.81 0.00	25.90 1.87 0.00	25.45 1.95 0.00	53.69 2.17 -26.88	57.05 2.02 -31.21	74.78 1.81 -49.80	61.50 1.76 -36.64	25.12 1.92 -0.02	25.10 2.01 0.00	27.73 2.36 -0.02	44.55 3.03 -9.31	39.56 3.23 0.00	38.70 3.20 0.00	49.83 2.79 -15.73	34.04 2.64 -2.98	30.86 2.77 -0.06	43.28 2.34 -15.18
BROOKVLE_69_KV_TB1 55790	27.63 1.89 -2.63	23.91 1.60 -0.10	22.86 1.48 0.00	22.82 1.47 0.00	23.14 1.49 0.00	23.75 1.47 0.00	25.83 1.90 -0.45	29.95 2.27 -3.82	31.52 2.33 -5.17	30.43 2.33 -4.61	27.55 2.54 -0.36	26.66 2.33 -0.51	26.33 2.13 -1.02	25.86 2.03 -0.73	28.09 2.22 -2.69	31.65 2.33 -6.23	32.94 2.71 -4.87	38.71 3.45 -3.05	44.35 3.78 -4.24	40.07 3.73 -0.84	37.62 3.26 -3.05	34.05 3.10 -2.54	32.99 3.14 -1.83	32.41 2.81 -3.84
BROOME_2_LFGE 323671	23.22 0.12 0.00	22.28 0.07 0.00	21.45 0.06 0.00	21.39 0.04 0.00	21.78 0.13 0.00	22.43 0.16 0.00	23.81 0.33 0.00	24.18 0.31 0.00	24.33 0.31 0.00	23.85 0.35 0.00	25.01 0.37 0.00	24.15 0.33 0.00	23.32 0.14 0.00	23.17 0.07 0.00	23.22 0.05 0.00	23.23 0.14 0.00	25.56 0.20 0.00	32.83 0.61 0.00	37.06 0.73 0.00	36.14 0.64 0.00	32.67 0.31 -1.05	29.54 0.43 -0.70	28.53 0.50 0.00	26.35 0.59 0.00
BROOME___LFGE 323600	23.22 0.12 0.00	22.28 0.07 0.00	21.45 0.06 0.00	21.39 0.04 0.00	21.78 0.13 0.00	22.43 0.16 0.00	23.81 0.33 0.00	24.18 0.31 0.00	24.33 0.31 0.00	23.85 0.35 0.00	25.01 0.37 0.00	24.15 0.33 0.00	23.32 0.14 0.00	23.17 0.07 0.00	23.22 0.05 0.00	23.23 0.14 0.00	25.56 0.20 0.00	32.83 0.61 0.00	37.06 0.73 0.00	36.14 0.64 0.00	32.67 0.31 -1.05	29.54 0.43 -0.70	28.53 0.50 0.00	26.35 0.59 0.00
BROWNFLS_115KV_TB_3_5 80003	22.76 -0.35 0.00	21.92 -0.29 0.00	21.15 -0.24 0.00	21.16 -0.19 0.00	21.43 -0.22 0.00	22.12 -0.16 0.00	23.24 -0.23 0.00	23.58 -0.29 0.00	23.71 -0.31 0.00	23.14 -0.35 0.00	24.25 -0.39 0.00	23.39 -0.43 0.00	22.81 -0.37 0.00	22.76 -0.35 0.00	22.76 -0.42 0.00	22.66 -0.44 0.00	24.95 -0.41 0.00	31.86 -0.35 0.00	36.00 -0.33 0.00	35.11 -0.39 0.00	31.10 -0.31 -0.10	28.08 -0.40 -0.06	27.55 -0.48 0.00	25.37 -0.39 0.00
BROWNSV1_27_KV_LOAD 356125	24.72 1.62 0.00	23.48 1.27 0.00	22.58 1.20 0.00	22.54 1.20 0.00	22.84 1.19 0.00	23.43 1.16 0.00	25.03 1.55 0.00	25.83 1.96 0.00	26.04 2.02 0.00	25.56 2.07 0.00	26.96 2.32 0.00	25.96 2.14 0.00	25.12 1.95 0.00	24.98 1.87 0.00	25.23 2.04 -0.02	25.22 2.12 0.00	27.86 2.49 -0.02	35.44 3.22 0.00	39.78 3.45 0.00	38.91 3.41 0.00	37.37 3.01 -3.05	33.26 2.81 -2.03	30.88 2.86 0.00	28.26 2.50 0.00
BURROWS___LYONSDAL 23803	23.36 0.25 0.00	22.43 0.22 0.00	21.62 0.24 0.00	21.60 0.26 0.00	21.99 0.35 0.00	22.77 0.49 0.00	24.09 0.61 0.00	24.54 0.67 0.00	24.70 0.67 0.00	24.11 0.61 0.00	25.26 0.62 0.00	24.34 0.52 0.00	23.59 0.42 0.00	23.47 0.37 0.00	23.55 0.37 0.00	23.53 0.44 0.00	25.99 0.63 0.00	33.37 1.16 0.00	37.71 1.38 0.00	36.74 1.24 0.00	32.50 1.06 -0.12	29.38 0.88 -0.08	28.84 0.81 0.00	26.51 0.75 0.00
CAITHNESS_CC_1 323624	27.68 1.94 -2.63	23.98 1.67 -0.10	22.97 1.58 0.00	22.93 1.58 0.00	23.25 1.60 0.00	23.81 1.54 0.00	25.90 1.97 -0.45	29.80 2.24 -3.69	31.43 2.26 -5.15	30.38 2.33 -4.56	27.36 2.56 -0.15	26.23 2.31 -0.10	25.89 2.18 -0.54	25.33 2.08 -0.15	28.00 2.23 -2.60	31.65 2.33 -6.23	32.89 2.66 -4.87	38.68 3.41 -3.05	44.31 3.74 -4.24	40.03 3.69 -0.84	37.59 3.23 -3.05	33.91 2.96 -2.54	32.79 2.94 -1.83	32.23 2.63 -3.84
CALPINE BETH_PAGE_GT4 24209	27.63 1.89 -2.63	23.89 1.58 -0.10	22.86 1.48 0.00	22.82 1.47 0.00	23.12 1.47 0.00	23.75 1.47 0.00	25.73 1.81 -0.45	29.80 2.15 -3.78	31.37 2.19 -5.16	30.27 2.19 -4.59	27.33 2.39 -0.29	26.38 2.19 -0.37	26.05 2.02 -0.86	25.55 1.92 -0.53	27.92 2.09 -2.66	31.54 2.22 -6.23	32.71 2.49 -4.87	38.55 3.29 -3.05	44.13 3.56 -4.24	39.86 3.51 -0.84	37.43 3.07 -3.05	33.77 2.81 -2.54	32.82 2.97 -1.83	32.23 2.63 -3.84
CALPINE_BETH_PAGE_GT_4 323586	27.63 1.89 -2.63	23.89 1.58 -0.10	22.86 1.47 0.00	22.82 1.47 0.00	23.12 1.47 0.00	23.75 1.47 0.00	25.73 1.81 -0.45	29.77 2.12 -3.78	31.37 2.19 -5.16	30.27 2.19 -4.59	27.33 2.39 -0.29	26.38 2.19 -0.37	26.05 2.02 -0.86	25.55 1.92 -0.53	27.92 2.09 -2.66	31.54 2.22 -6.23	32.72 2.49 -4.87	38.55 3.29 -3.05	44.13 3.56 -4.24	39.86 3.52 -0.84	37.44 3.07 -3.05	33.80 2.84 -2.54	32.80 2.94 -1.83	32.23 2.63 -3.85
CALPINE_BP_GT1 23823	27.63 1.89 -2.63	23.89 1.58 -0.10	22.86 1.47 0.00	22.82 1.47 0.00	23.12 1.47 0.00	23.75 1.47 0.00	25.73 1.81 -0.45	29.77 2.12 -3.78	31.37 2.19 -5.16	30.27 2.19 -4.59	27.33 2.39 -0.29	26.38 2.19 -0.37	26.05 2.02 -0.86	25.55 1.92 -0.53	27.92 2.09 -2.66	31.54 2.22 -6.23	32.72 2.49 -4.87	38.55 3.29 -3.05	44.13 3.56 -4.24	39.86 3.52 -0.84	37.44 3.07 -3.05	33.80 2.84 -2.54	32.80 2.94 -1.83	32.23 2.63 -3.85
CALSPAN___DRP 24200	21.72 -1.39 0.00	20.94 -1.27 0.00	20.15 -1.24 0.00	20.05 -1.30 0.00	20.52 -1.13 0.00	21.18 -1.09 0.00	22.54 -0.94 0.00	22.36 -1.50 0.00	22.58 -1.44 0.00	22.27 -1.22 0.00	23.39 -1.26 0.00	22.72 -1.10 0.00	21.74 -1.44 0.00	21.56 -1.55 0.00	21.41 -1.76 0.00	21.41 -1.69 0.00	23.41 -1.95 0.00	30.48 -1.74 0.00	34.40 -1.93 0.00	33.51 -1.99 0.00	29.35 -2.47 -0.51	26.57 -2.19 -0.34	26.60 -1.43 0.00	24.96 -0.80 0.00



CALVERTON___SOLAR 323806	27.79 2.06 -2.63	24.11 1.80 -0.10	23.08 1.69 0.00	23.03 1.69 0.00	23.36 1.71 0.00	23.92 1.65 0.00	26.04 2.11 -0.45	29.92 2.36 -3.69	31.53 2.36 -5.15	30.50 2.44 -4.56	27.48 2.69 -0.15	26.35 2.43 -0.10	26.01 2.29 -0.54	25.45 2.20 -0.15	28.10 2.32 -2.60	31.75 2.42 -6.23	33.02 2.79 -4.87	38.84 3.58 -3.05	44.49 3.92 -4.24	40.18 3.84 -0.84	37.75 3.38 -3.05	34.03 3.07 -2.54	32.88 3.03 -1.83	32.33 2.73 -3.84
CANDIGU_WT_PWR 323617	23.31 0.21 0.00	22.39 0.18 0.00	21.58 0.19 0.00	21.52 0.17 0.00	21.97 0.33 0.00	22.63 0.36 0.00	24.13 0.66 0.00	24.42 0.55 0.00	24.55 0.53 0.00	24.08 0.59 0.00	25.23 0.59 0.00	24.39 0.57 0.00	23.48 0.30 0.00	23.27 0.16 0.00	23.27 0.09 0.00	23.33 0.23 0.00	25.69 0.33 0.00	33.21 1.00 0.00	37.56 1.24 0.00	36.64 1.14 0.00	32.60 0.47 -0.82	29.73 0.77 -0.54	28.95 0.92 0.00	26.82 1.06 0.00
CARR STREET_E_SYR 24060	22.57 -0.53 0.00	21.70 -0.51 0.00	20.87 -0.51 0.00	20.84 -0.51 0.00	21.17 -0.48 0.00	21.81 -0.47 0.00	23.10 -0.38 0.00	23.49 -0.38 0.00	23.64 -0.39 0.00	23.14 -0.35 0.00	24.27 -0.37 0.00	23.46 -0.36 0.00	22.69 -0.49 0.00	22.55 -0.55 0.00	22.62 -0.56 0.00	22.61 -0.49 0.00	24.80 -0.56 0.00	31.64 -0.58 0.00	35.71 -0.62 0.00	34.86 -0.64 0.00	31.06 -0.60 -0.34	28.08 -0.57 -0.23	27.61 -0.42 0.00	25.48 -0.28 0.00
CARTHAGE___PAPER 23857	22.85 -0.25 0.00	21.97 -0.24 0.00	21.19 -0.19 0.00	21.20 -0.15 0.00	21.58 -0.06 0.00	22.36 0.09 0.00	23.64 0.17 0.00	24.06 0.19 0.00	24.17 0.15 0.00	23.61 0.12 0.00	24.74 0.10 0.00	23.82 0.00 0.00	23.11 -0.07 0.00	23.01 -0.09 0.00	23.04 -0.14 0.00	23.03 -0.07 0.00	25.49 0.13 0.00	32.80 0.58 0.00	37.09 0.76 0.00	36.07 0.57 0.00	31.98 0.50 -0.17	28.84 0.31 -0.11	28.17 0.14 0.00	25.92 0.16 0.00
CASSADAGA_WT_PWR 323784	22.04 -1.06 0.00	21.23 -0.98 0.00	20.42 -0.96 0.00	20.37 -0.98 0.00	20.80 -0.84 0.00	21.45 -0.82 0.00	22.91 -0.56 0.00	22.84 -1.03 0.00	23.04 -0.99 0.00	22.81 -0.68 0.00	24.03 -0.62 0.00	23.36 -0.45 0.00	22.39 -0.79 0.00	22.23 -0.88 0.00	22.06 -1.11 0.00	22.10 -0.99 0.00	24.19 -1.17 0.00	31.70 -0.52 0.00	35.86 -0.47 0.00	34.86 -0.64 0.00	30.32 -1.53 -0.54	27.87 -0.91 -0.36	27.58 -0.45 0.00	25.79 0.03 0.00
CE_DUNWOOD___DRP 24194	24.40 1.29 0.00	23.23 1.02 0.00	22.35 0.96 0.00	22.31 0.96 0.00	22.60 0.95 0.00	23.21 0.94 0.00	24.77 1.29 0.00	25.52 1.65 0.00	25.70 1.68 0.00	25.19 1.69 0.00	26.52 1.87 0.00	25.56 1.74 0.00	24.71 1.53 0.00	24.56 1.46 0.00	24.80 1.62 0.00	24.80 1.71 0.00	27.36 2.00 0.00	34.86 2.64 0.00	39.20 2.87 0.00	38.34 2.84 0.00	36.86 2.51 -3.04	32.75 2.30 -2.03	30.38 2.35 0.00	27.82 2.06 0.00
CE_MILLWOOD___DRP 24193	24.35 1.25 0.00	23.19 0.98 0.00	22.31 0.92 0.00	22.27 0.92 0.00	22.56 0.91 0.00	23.17 0.89 0.00	24.72 1.24 0.00	25.47 1.60 0.00	25.63 1.61 0.00	25.14 1.64 0.00	26.47 1.82 0.00	25.48 1.67 0.00	24.64 1.46 0.00	24.51 1.41 0.00	24.73 1.55 0.00	24.73 1.64 0.00	27.31 1.95 0.00	34.79 2.58 0.00	39.13 2.80 0.00	38.27 2.77 0.00	36.78 2.44 -3.02	32.67 2.24 -2.01	30.32 2.30 0.00	27.74 1.98 0.00
CE_NYC2_DRP 24202	24.65 1.55 0.00	23.43 1.22 0.00	22.54 1.15 0.00	22.50 1.15 0.00	22.80 1.15 0.00	23.32 1.05 0.00	24.84 1.36 0.00	25.61 1.74 0.00	25.82 1.80 0.00	25.37 1.88 0.00	30.58 2.09 -3.84	30.22 1.95 -4.46	32.02 1.74 -7.11	30.00 1.66 -5.23	25.07 1.88 -0.02	25.06 1.96 0.00	27.66 2.28 -0.02	36.47 2.93 -1.33	39.42 3.09 0.00	38.59 3.09 0.00	38.87 2.69 -4.86	33.14 2.56 -2.17	30.70 2.66 -0.01	30.19 2.27 -2.17
CE_NYC_DRP 24195	24.51 1.41 0.00	23.28 1.07 0.00	22.39 1.01 0.00	22.35 1.00 0.00	22.64 1.00 0.00	23.23 0.96 0.00	24.79 1.31 0.00	25.59 1.72 0.00	25.80 1.78 0.00	25.33 1.83 0.00	26.71 2.07 0.00	25.72 1.91 0.00	24.89 1.72 0.00	24.75 1.64 0.00	25.00 1.81 -0.02	24.99 1.89 0.00	27.58 2.21 -0.02	35.08 2.87 0.00	39.34 3.02 0.00	38.52 3.02 0.00	37.00 2.63 -3.05	32.95 2.50 -2.03	30.58 2.55 0.00	27.98 2.22 0.00
CHAFFEE___LFGE 323603	21.79 -1.32 0.00	21.01 -1.20 0.00	20.21 -1.18 0.00	20.11 -1.24 0.00	20.57 -1.08 0.00	21.25 -1.02 0.00	22.63 -0.84 0.00	22.46 -1.41 0.00	22.65 -1.37 0.00	22.37 -1.13 0.00	23.46 -1.18 0.00	22.79 -1.02 0.00	21.81 -1.37 0.00	21.63 -1.48 0.00	21.49 -1.69 0.00	21.48 -1.62 0.00	23.48 -1.88 0.00	30.61 -1.61 0.00	34.55 -1.78 0.00	33.62 -1.88 0.00	29.37 -2.47 -0.53	26.95 -1.82 -0.35	26.71 -1.32 0.00	25.04 -0.72 0.00
CHATEAUG_35_KV_LOAD 355732	23.31 0.21 0.00	22.52 0.31 0.00	21.77 0.38 0.00	21.78 0.43 0.00	21.82 0.17 0.00	22.54 0.27 0.00	23.55 0.07 0.00	23.80 -0.07 0.00	23.93 -0.10 0.00	23.35 -0.14 0.00	24.45 -0.20 0.00	23.58 -0.24 0.00	23.08 -0.09 0.00	23.10 0.00 0.00	22.97 -0.21 0.00	22.75 -0.35 0.00	24.90 -0.46 0.00	31.57 -0.64 0.00	35.68 -0.65 0.00	34.90 -0.60 0.00	30.91 -0.41 0.00	28.08 -0.34 0.00	27.60 -0.42 0.00	25.37 -0.39 0.00
CHATEAUG_WT_PWR 323614	23.27 0.16 0.00	22.46 0.24 0.00	21.71 0.32 0.00	21.71 0.36 0.00	21.74 0.09 0.00	22.45 0.18 0.00	23.48 0.00 0.00	23.70 -0.17 0.00	23.86 -0.17 0.00	23.31 -0.19 0.00	24.40 -0.25 0.00	23.51 -0.31 0.00	23.02 -0.16 0.00	23.01 -0.09 0.00	22.87 -0.30 0.00	22.63 -0.46 0.00	24.80 -0.56 0.00	31.41 -0.80 0.00	35.49 -0.83 0.00	34.76 -0.75 0.00	30.78 -0.53 0.00	27.96 -0.46 0.00	27.52 -0.50 0.00	25.32 -0.44 0.00
CHAT_HIGH_FALL_HYD 323578	23.31 0.21 0.00	22.52 0.31 0.00	21.77 0.38 0.00	21.78 0.43 0.00	21.82 0.17 0.00	22.54 0.27 0.00	23.55 0.07 0.00	23.80 -0.07 0.00	23.93 -0.10 0.00	23.35 -0.14 0.00	24.45 -0.20 0.00	23.58 -0.24 0.00	23.08 -0.09 0.00	23.10 0.00 0.00	22.97 -0.21 0.00	22.75 -0.35 0.00	24.90 -0.46 0.00	31.57 -0.64 0.00	35.68 -0.65 0.00	34.90 -0.60 0.00	30.91 -0.41 0.00	28.08 -0.34 0.00	27.60 -0.42 0.00	25.37 -0.39 0.00
CHAUTAUQUA___LFGE 323629	22.00 -1.11 0.00	21.21 -1.00 0.00	20.40 -0.98 0.00	20.32 -1.02 0.00	20.78 -0.87 0.00	21.45 -0.82 0.00	22.89 -0.59 0.00	22.75 -1.12 0.00	22.94 -1.08 0.00	22.67 -0.82 0.00	23.83 -0.81 0.00	23.15 -0.67 0.00	22.18 -1.00 0.00	22.00 -1.11 0.00	21.83 -1.34 0.00	21.85 -1.25 0.00	23.89 -1.47 0.00	31.22 -1.00 0.00	35.24 -1.09 0.00	34.30 -1.21 0.00	29.96 -1.88 -0.53	27.46 -1.31 -0.35	27.19 -0.84 0.00	25.45 -0.31 0.00
CHERRYST_13_KV_LD 356241	24.56 1.46 0.00	23.32 1.11 0.00	22.43 1.05 0.00	22.39 1.05 0.00	22.69 1.04 0.00	23.28 1.00 0.00	24.86 1.39 0.00	25.66 1.79 0.00	25.87 1.85 0.00	25.40 1.90 0.00	26.76 2.12 0.00	25.79 1.98 0.00	24.96 1.78 0.00	24.81 1.71 0.00	25.07 1.88 -0.02	25.06 1.96 0.00	27.66 2.28 -0.02	35.18 2.96 0.00	39.45 3.12 0.00	38.63 3.12 0.00	37.09 2.72 -3.05	33.04 2.59 -2.03	30.66 2.63 0.00	28.05 2.29 0.00



CHESTROR_138KV_BK263 355645	24.12 1.02 0.00	23.01 0.80 0.00	22.14 0.75 0.00	22.10 0.75 0.00	22.38 0.74 0.00	22.99 0.71 0.00	24.51 1.03 0.00	25.18 1.31 0.00	25.32 1.30 0.00	24.81 1.32 0.00	26.10 1.45 0.00	25.13 1.31 0.00	24.31 1.14 0.00	24.17 1.06 0.00	24.38 1.21 0.00	24.41 1.32 0.00	26.91 1.55 0.00	34.34 2.13 0.00	38.62 2.29 0.00	37.77 2.27 0.00	36.16 2.00 -2.85	32.13 1.82 -1.90	29.90 1.88 0.00	27.41 1.65 0.00
CH_MIDHUDSON___DRP 24192	24.63 1.52 0.00	23.45 1.24 0.00	22.56 1.18 0.00	22.52 1.17 0.00	22.77 1.13 0.00	23.39 1.11 0.00	24.96 1.48 0.00	25.63 1.77 0.00	25.80 1.78 0.00	25.21 1.72 0.00	26.49 1.85 0.00	25.48 1.67 0.00	24.64 1.46 0.00	24.47 1.36 0.00	24.71 1.53 0.00	24.78 1.69 0.00	27.44 2.08 0.00	35.08 2.87 0.00	39.53 3.20 0.00	38.66 3.16 0.00	37.18 2.79 -3.08	32.91 2.44 -2.05	30.55 2.52 0.00	27.98 2.22 0.00
CH_MISC_IPPS 23765	24.58 1.48 0.00	23.41 1.20 0.00	22.52 1.13 0.00	22.50 1.15 0.00	22.75 1.10 0.00	23.34 1.07 0.00	24.93 1.46 0.00	25.61 1.74 0.00	25.75 1.73 0.00	25.21 1.71 0.00	26.47 1.82 0.00	25.46 1.64 0.00	24.61 1.44 0.00	24.47 1.36 0.00	24.68 1.51 0.00	24.76 1.66 0.00	27.39 2.03 0.00	35.02 2.80 0.00	39.45 3.12 0.00	38.59 3.09 0.00	37.06 2.69 -3.05	32.89 2.44 -2.03	30.46 2.44 0.00	27.92 2.16 0.00
CH_RES_BVR_FALLS 23983	22.80 -0.30 0.00	22.01 -0.20 0.00	21.21 -0.17 0.00	21.20 -0.15 0.00	21.47 -0.17 0.00	22.12 -0.15 0.00	23.20 -0.28 0.00	23.51 -0.36 0.00	23.69 -0.34 0.00	23.19 -0.31 0.00	24.30 -0.35 0.00	23.53 -0.28 0.00	22.99 -0.19 0.00	22.97 -0.14 0.00	22.99 -0.19 0.00	22.84 -0.25 0.00	25.03 -0.33 0.00	31.64 -0.58 0.00	35.71 -0.62 0.00	34.90 -0.60 0.00	30.81 -0.50 0.00	27.96 -0.46 0.00	27.52 -0.50 0.00	25.30 -0.46 0.00
CH_RES_NIAGARA 23895	20.89 -2.22 0.00	20.15 -2.06 0.00	19.40 -1.99 0.00	19.28 -2.07 0.00	19.70 -1.95 0.00	20.36 -1.92 0.00	21.67 -1.81 0.00	21.43 -2.43 0.00	21.62 -2.40 0.00	21.31 -2.18 0.00	22.33 -2.32 0.00	21.74 -2.07 0.00	20.81 -2.36 0.00	20.66 -2.45 0.00	20.53 -2.64 0.00	20.51 -2.59 0.00	22.42 -2.94 0.00	29.12 -3.09 0.00	32.84 -3.49 0.00	31.99 -3.52 0.00	28.51 -3.29 -0.48	25.78 -2.96 -0.32	25.48 -2.55 0.00	23.88 -1.88 0.00
CH_RES_SYRACUSE 23985	22.76 -0.35 0.00	21.85 -0.36 0.00	21.04 -0.34 0.00	20.99 -0.36 0.00	21.35 -0.30 0.00	21.99 -0.29 0.00	23.27 -0.21 0.00	23.68 -0.19 0.00	23.83 -0.19 0.00	23.33 -0.16 0.00	24.47 -0.17 0.00	23.63 -0.19 0.00	22.87 -0.30 0.00	22.71 -0.39 0.00	22.78 -0.39 0.00	22.77 -0.32 0.00	25.06 -0.30 0.00	32.05 -0.16 0.00	36.22 -0.11 0.00	35.33 -0.18 0.00	31.50 -0.19 -0.37	28.50 -0.17 -0.25	27.89 -0.14 0.00	25.68 -0.08 0.00
CLINTON_WT_PWR 323605	23.27 0.16 0.00	22.46 0.24 0.00	21.71 0.32 0.00	21.71 0.36 0.00	21.74 0.09 0.00	22.45 0.18 0.00	23.48 0.00 0.00	23.70 -0.17 0.00	23.86 -0.17 0.00	23.31 -0.19 0.00	24.40 -0.25 0.00	23.51 -0.31 0.00	23.02 -0.16 0.00	23.01 -0.09 0.00	22.87 -0.30 0.00	22.63 -0.46 0.00	24.80 -0.56 0.00	31.41 -0.80 0.00	35.49 -0.83 0.00	34.76 -0.75 0.00	30.78 -0.53 0.00	27.96 -0.46 0.00	27.52 -0.50 0.00	25.32 -0.44 0.00
CLINTON___LFGE 323618	23.66 0.55 0.00	22.81 0.60 0.00	22.07 0.68 0.00	22.07 0.73 0.00	22.04 0.39 0.00	22.79 0.51 0.00	23.83 0.35 0.00	24.06 0.19 0.00	24.21 0.19 0.00	23.66 0.17 0.00	24.77 0.12 0.00	23.86 0.05 0.00	23.34 0.16 0.00	23.34 0.23 0.00	23.20 0.02 0.00	22.98 -0.11 0.00	25.18 -0.18 0.00	32.02 -0.19 0.00	36.18 -0.14 0.00	35.40 -0.11 0.00	31.31 0.00 0.00	28.42 0.00 0.00	27.94 -0.08 0.00	25.68 -0.08 0.00
COBBLENY_34_KV_TB1 80064	21.79 -1.32 0.00	21.01 -1.20 0.00	20.21 -1.18 0.00	20.09 -1.26 0.00	20.57 -1.08 0.00	21.25 -1.02 0.00	22.61 -0.87 0.00	22.44 -1.43 0.00	22.65 -1.37 0.00	22.37 -1.13 0.00	23.46 -1.18 0.00	22.79 -1.02 0.00	21.81 -1.37 0.00	21.63 -1.48 0.00	21.48 -1.69 0.00	21.48 -1.62 0.00	23.48 -1.88 0.00	30.60 -1.61 0.00	34.55 -1.78 0.00	33.62 -1.88 0.00	29.37 -2.47 -0.53	26.58 -2.19 -0.35	26.68 -1.35 0.00	25.04 -0.72 0.00
COFFEEN___115KV_TB3 355620	23.10 0.00 0.00	22.21 0.00 0.00	21.43 0.04 0.00	21.41 0.06 0.00	21.86 0.22 0.00	22.61 0.33 0.00	23.95 0.47 0.00	24.37 0.50 0.00	24.48 0.46 0.00	23.89 0.40 0.00	25.04 0.39 0.00	24.10 0.29 0.00	23.34 0.16 0.00	23.22 0.12 0.00	23.22 0.05 0.00	23.26 0.16 0.00	25.79 0.43 0.00	33.41 1.19 0.00	37.82 1.49 0.00	36.74 1.24 0.00	32.61 1.10 -0.20	29.34 0.80 -0.13	28.64 0.62 0.00	26.33 0.57 0.00
COLDSPRG_115KV_BK1 355956	22.46 -0.65 0.00	21.63 -0.58 0.00	20.81 -0.58 0.00	20.73 -0.62 0.00	21.24 -0.41 0.00	21.92 -0.36 0.00	23.38 -0.09 0.00	23.32 -0.55 0.00	23.52 -0.50 0.00	23.26 -0.23 0.00	24.47 -0.17 0.00	23.75 -0.07 0.00	22.71 -0.46 0.00	22.53 -0.58 0.00	22.37 -0.81 0.00	22.38 -0.72 0.00	24.47 -0.89 0.00	32.02 -0.19 0.00	36.18 -0.15 0.00	35.18 -0.32 0.00	30.28 -1.60 -0.56	27.40 -1.39 -0.38	27.86 -0.17 0.00	26.12 0.36 0.00
COLONIE_LFGE___ 323577	24.05 0.95 0.00	22.99 0.78 0.00	22.11 0.73 0.00	22.07 0.73 0.00	22.36 0.71 0.00	23.01 0.73 0.00	24.46 0.99 0.00	25.01 1.15 0.00	25.15 1.13 0.00	24.53 1.03 0.00	25.83 1.18 0.00	24.91 1.10 0.00	24.08 0.90 0.00	23.96 0.86 0.00	24.17 1.00 0.00	24.23 1.13 0.00	26.75 1.39 0.00	34.12 1.90 0.00	38.47 2.14 0.00	37.67 2.17 0.00	36.97 1.85 -3.81	32.63 1.68 -2.54	29.71 1.68 0.00	27.25 1.49 0.00
COOPERNY_115KV_TB1 80082	23.89 0.79 0.00	22.83 0.62 0.00	21.96 0.58 0.00	21.92 0.58 0.00	22.23 0.58 0.00	22.85 0.58 0.00	24.30 0.82 0.00	24.92 1.05 0.00	25.06 1.03 0.00	24.55 1.06 0.00	25.80 1.16 0.00	24.86 1.05 0.00	24.08 0.90 0.00	23.94 0.83 0.00	24.10 0.93 0.00	24.11 1.02 0.00	26.58 1.22 0.00	33.89 1.68 0.00	38.15 1.82 0.00	37.31 1.81 0.00	35.20 1.57 -2.32	31.41 1.45 -1.55	29.51 1.49 0.00	27.07 1.31 0.00
COPENHAGEN_WT_PWR 323753	22.90 -0.21 0.00	22.01 -0.20 0.00	21.21 -0.17 0.00	21.22 -0.13 0.00	21.63 -0.02 0.00	22.36 0.09 0.00	23.69 0.21 0.00	24.11 0.24 0.00	24.21 0.19 0.00	23.66 0.17 0.00	24.79 0.15 0.00	23.89 0.07 0.00	23.13 -0.05 0.00	23.01 -0.09 0.00	23.04 -0.14 0.00	23.05 -0.05 0.00	25.51 0.15 0.00	32.92 0.71 0.00	37.24 0.91 0.00	36.21 0.71 0.00	32.17 0.66 -0.20	28.95 0.40 -0.14	28.31 0.28 0.00	26.02 0.26 0.00
CORNELL_____ 23752	23.54 0.44 0.00	22.59 0.38 0.00	21.75 0.36 0.00	21.69 0.34 0.00	22.10 0.45 0.00	22.77 0.49 0.00	24.16 0.68 0.00	24.58 0.72 0.00	24.72 0.70 0.00	24.18 0.68 0.00	25.33 0.69 0.00	24.44 0.62 0.00	23.59 0.42 0.00	23.41 0.30 0.00	23.48 0.30 0.00	23.51 0.42 0.00	25.97 0.61 0.00	33.41 1.19 0.00	37.78 1.45 0.00	36.82 1.31 0.00	33.06 1.00 -0.75	29.83 0.91 -0.50	28.98 0.95 0.00	26.71 0.95 0.00



CORONA V_69_KV_TB1 355595	27.56 1.83 -2.63	23.84 1.53 -0.10	22.80 1.41 0.00	22.76 1.41 0.00	23.08 1.43 0.00	23.68 1.40 0.00	25.76 1.83 -0.45	30.22 2.15 -4.21	31.47 2.23 -5.21	30.43 2.21 -4.72	27.95 2.42 -0.89	27.58 2.24 -1.53	27.41 2.02 -2.22	27.23 1.94 -2.18	28.18 2.11 -2.90	31.58 2.26 -6.23	32.87 2.64 -4.87	38.74 3.48 -3.05	44.38 3.81 -4.24	40.11 3.76 -0.84	37.65 3.29 -3.05	33.97 3.01 -2.54	32.91 3.05 -1.83	32.31 2.70 -3.84
CORTLAND_115KV_TB3 80093	23.31 0.21 0.00	22.37 0.16 0.00	21.54 0.15 0.00	21.48 0.13 0.00	21.86 0.22 0.00	22.52 0.25 0.00	23.88 0.40 0.00	24.30 0.43 0.00	24.46 0.43 0.00	23.92 0.42 0.00	25.06 0.42 0.00	24.20 0.38 0.00	23.38 0.21 0.00	23.22 0.12 0.00	23.32 0.14 0.00	23.33 0.23 0.00	25.69 0.33 0.00	32.99 0.77 0.00	37.24 0.91 0.00	36.32 0.82 0.00	32.52 0.59 -0.61	29.36 0.54 -0.41	28.64 0.62 0.00	26.40 0.64 0.00
COXSACKIE__GT 23611	24.65 1.55 0.00	23.45 1.24 0.00	22.58 1.20 0.00	22.54 1.19 0.00	22.75 1.10 0.00	23.39 1.11 0.00	24.91 1.43 0.00	25.40 1.53 0.00	25.46 1.44 0.00	24.72 1.22 0.00	25.88 1.23 0.00	24.84 1.02 0.00	24.08 0.90 0.00	23.89 0.79 0.00	24.13 0.95 0.00	24.36 1.27 0.00	27.13 1.77 0.00	34.92 2.71 0.00	39.53 3.20 0.00	38.63 3.12 0.00	37.41 2.54 -3.56	33.06 2.27 -2.37	30.35 2.32 0.00	27.79 2.03 0.00
CPV_VALLEY__CC1 323721	23.96 0.86 0.00	22.86 0.64 0.00	21.98 0.60 0.00	21.95 0.60 0.00	22.25 0.61 0.00	22.85 0.58 0.00	24.32 0.84 0.00	24.99 1.12 0.00	25.15 1.13 0.00	24.65 1.15 0.00	25.90 1.26 0.00	24.98 1.17 0.00	24.15 0.97 0.00	24.03 0.93 0.00	24.22 1.04 0.00	24.23 1.13 0.00	26.70 1.34 0.00	34.05 1.84 0.00	38.29 1.96 0.00	37.45 1.95 0.00	35.70 1.72 -2.66	31.78 1.59 -1.77	29.62 1.60 0.00	27.18 1.42 0.00
CPV_VALLEY__CC2 323722	23.96 0.86 0.00	22.86 0.64 0.00	21.98 0.60 0.00	21.95 0.60 0.00	22.25 0.61 0.00	22.85 0.58 0.00	24.32 0.84 0.00	24.99 1.12 0.00	25.15 1.13 0.00	24.65 1.15 0.00	25.90 1.26 0.00	24.98 1.17 0.00	24.15 0.97 0.00	24.03 0.93 0.00	24.22 1.04 0.00	24.23 1.13 0.00	26.70 1.34 0.00	34.05 1.84 0.00	38.29 1.96 0.00	37.45 1.95 0.00	35.70 1.72 -2.66	31.78 1.59 -1.77	29.62 1.60 0.00	27.18 1.42 0.00
CRESCENT__HYD 24018	24.05 0.95 0.00	22.99 0.78 0.00	22.11 0.73 0.00	22.07 0.73 0.00	22.36 0.71 0.00	23.01 0.73 0.00	24.46 0.99 0.00	25.01 1.15 0.00	25.15 1.13 0.00	24.53 1.03 0.00	25.83 1.18 0.00	24.91 1.10 0.00	24.08 0.90 0.00	23.96 0.86 0.00	24.17 1.00 0.00	24.23 1.13 0.00	26.75 1.39 0.00	34.12 1.90 0.00	38.47 2.14 0.00	37.67 2.17 0.00	36.97 1.85 -3.81	32.63 1.68 -2.54	29.71 1.68 0.00	27.25 1.49 0.00
CRICKET__VALLEY_CC1 323756	24.24 1.13 0.00	23.12 0.91 0.00	22.22 0.83 0.00	22.20 0.85 0.00	22.49 0.84 0.00	23.10 0.82 0.00	24.61 1.13 0.00	25.28 1.41 0.00	25.44 1.42 0.00	24.86 1.36 0.00	26.17 1.53 0.00	25.25 1.43 0.00	24.38 1.20 0.00	24.24 1.13 0.00	24.50 1.32 0.00	24.55 1.46 0.00	27.06 1.70 0.00	34.44 2.22 0.00	38.76 2.43 0.00	37.92 2.42 0.00	36.69 2.13 -3.25	32.57 1.99 -2.16	30.02 1.99 0.00	27.51 1.75 0.00
CRICKET__VALLEY_CC2 323757	24.24 1.13 0.00	23.12 0.91 0.00	22.22 0.83 0.00	22.20 0.85 0.00	22.49 0.84 0.00	23.10 0.82 0.00	24.61 1.13 0.00	25.28 1.41 0.00	25.44 1.42 0.00	24.86 1.36 0.00	26.17 1.53 0.00	25.25 1.43 0.00	24.38 1.20 0.00	24.24 1.13 0.00	24.50 1.32 0.00	24.55 1.46 0.00	27.06 1.70 0.00	34.44 2.22 0.00	38.76 2.43 0.00	37.92 2.42 0.00	36.69 2.13 -3.25	32.57 1.99 -2.16	30.02 1.99 0.00	27.51 1.75 0.00
CRICKET__VALLEY_CC3 323758	24.24 1.13 0.00	23.12 0.91 0.00	22.22 0.83 0.00	22.20 0.85 0.00	22.49 0.84 0.00	23.10 0.82 0.00	24.61 1.13 0.00	25.28 1.41 0.00	25.44 1.42 0.00	24.86 1.36 0.00	26.17 1.53 0.00	25.25 1.43 0.00	24.38 1.20 0.00	24.24 1.13 0.00	24.50 1.32 0.00	24.55 1.46 0.00	27.06 1.70 0.00	34.44 2.22 0.00	38.76 2.43 0.00	37.92 2.42 0.00	36.69 2.13 -3.25	32.57 1.99 -2.16	30.02 1.99 0.00	27.51 1.75 0.00
CRUCIBLE_METL_DRP 24180	22.76 -0.35 0.00	21.86 -0.36 0.00	21.04 -0.34 0.00	20.99 -0.36 0.00	21.35 -0.30 0.00	21.99 -0.29 0.00	23.27 -0.21 0.00	23.65 -0.21 0.00	23.83 -0.19 0.00	23.33 -0.16 0.00	24.47 -0.17 0.00	23.63 -0.19 0.00	22.87 -0.30 0.00	22.71 -0.39 0.00	22.78 -0.39 0.00	22.77 -0.32 0.00	25.06 -0.30 0.00	32.05 -0.16 0.00	36.22 -0.11 0.00	35.32 -0.18 0.00	31.50 -0.19 -0.37	28.49 -0.17 -0.25	27.89 -0.14 0.00	25.68 -0.08 0.00
DAHOWA__HYDRO 323763	24.31 1.20 0.00	23.21 1.00 0.00	22.35 0.96 0.00	22.29 0.94 0.00	22.60 0.95 0.00	23.28 1.00 0.00	24.75 1.27 0.00	25.30 1.43 0.00	25.42 1.39 0.00	24.72 1.22 0.00	26.00 1.35 0.00	25.05 1.24 0.00	24.22 1.04 0.00	24.03 0.93 0.00	24.22 1.04 0.00	24.32 1.22 0.00	27.01 1.65 0.00	34.60 2.38 0.00	39.09 2.76 0.00	38.27 2.77 0.00	37.56 2.38 -3.87	33.12 2.13 -2.58	30.15 2.13 0.00	27.62 1.86 0.00
DANC__LFGE 323619	22.69 -0.42 0.00	21.81 -0.40 0.00	21.02 -0.36 0.00	21.01 -0.34 0.00	21.39 -0.26 0.00	22.07 -0.20 0.00	23.38 -0.09 0.00	23.77 -0.10 0.00	23.90 -0.12 0.00	23.40 -0.09 0.00	24.52 -0.12 0.00	23.63 -0.19 0.00	22.90 -0.28 0.00	22.76 -0.35 0.00	22.80 -0.37 0.00	22.79 -0.30 0.00	25.18 -0.18 0.00	32.41 0.19 0.00	36.62 0.29 0.00	35.64 0.14 0.00	31.71 0.16 -0.24	28.61 0.03 -0.16	27.97 -0.06 0.00	25.73 -0.03 0.00
DANSKAMMER__1 23586	24.58 1.48 0.00	23.41 1.20 0.00	22.52 1.13 0.00	22.50 1.15 0.00	22.75 1.10 0.00	23.34 1.07 0.00	24.93 1.46 0.00	25.61 1.74 0.00	25.75 1.73 0.00	25.21 1.71 0.00	26.47 1.82 0.00	25.46 1.64 0.00	24.61 1.44 0.00	24.47 1.36 0.00	24.68 1.51 0.00	24.76 1.66 0.00	27.39 2.03 0.00	35.02 2.80 0.00	39.45 3.12 0.00	38.59 3.09 0.00	37.06 2.69 -3.05	32.89 2.44 -2.03	30.46 2.44 0.00	27.92 2.16 0.00
DANSKAMMER__2 23589	24.58 1.48 0.00	23.41 1.20 0.00	22.52 1.13 0.00	22.50 1.15 0.00	22.75 1.10 0.00	23.34 1.07 0.00	24.93 1.46 0.00	25.61 1.74 0.00	25.75 1.73 0.00	25.21 1.71 0.00	26.47 1.82 0.00	25.46 1.64 0.00	24.61 1.44 0.00	24.47 1.36 0.00	24.68 1.51 0.00	24.76 1.66 0.00	27.39 2.03 0.00	35.02 2.80 0.00	39.45 3.12 0.00	38.59 3.09 0.00	37.06 2.69 -3.05	32.89 2.44 -2.03	30.46 2.44 0.00	27.92 2.16 0.00
DANSKAMMER__3 23590	24.58 1.48 0.00	23.41 1.20 0.00	22.52 1.13 0.00	22.50 1.15 0.00	22.75 1.10 0.00	23.34 1.07 0.00	24.93 1.46 0.00	25.61 1.74 0.00	25.75 1.73 0.00	25.21 1.71 0.00	26.47 1.82 0.00	25.46 1.64 0.00	24.61 1.44 0.00	24.47 1.36 0.00	24.68 1.51 0.00	24.76 1.66 0.00	27.39 2.03 0.00	35.02 2.80 0.00	39.45 3.12 0.00	38.59 3.09 0.00	37.06 2.69 -3.05	32.89 2.44 -2.03	30.46 2.44 0.00	27.92 2.16 0.00



DANSKAMMER___4 23591	24.58 1.48 0.00	23.41 1.20 0.00	22.52 1.13 0.00	22.50 1.15 0.00	22.75 1.10 0.00	23.34 1.07 0.00	24.93 1.46 0.00	25.61 1.74 0.00	25.75 1.73 0.00	25.21 1.71 0.00	26.47 1.82 0.00	25.46 1.64 0.00	24.61 1.44 0.00	24.47 1.36 0.00	24.68 1.51 0.00	24.76 1.66 0.00	27.39 2.03 0.00	35.02 2.80 0.00	39.45 3.12 0.00	38.59 3.09 0.00	37.06 2.69 -3.05	32.89 2.44 -2.03	30.46 2.44 0.00	27.92 2.16 0.00
DANSKAMMER___DIESEL 23592	24.58 1.48 0.00	23.41 1.20 0.00	22.52 1.13 0.00	22.48 1.13 0.00	22.75 1.10 0.00	23.34 1.07 0.00	24.93 1.46 0.00	25.61 1.74 0.00	25.75 1.73 0.00	25.19 1.69 0.00	26.47 1.82 0.00	25.46 1.64 0.00	24.61 1.44 0.00	24.47 1.36 0.00	24.68 1.51 0.00	24.76 1.66 0.00	27.39 2.03 0.00	35.02 2.80 0.00	39.45 3.12 0.00	38.59 3.09 0.00	37.06 2.69 -3.05	32.86 2.42 -2.03	30.49 2.47 0.00	27.92 2.16 0.00
DARBY___SOLAR 323810	24.26 1.15 0.00	23.19 0.98 0.00	22.31 0.92 0.00	22.27 0.92 0.00	22.56 0.91 0.00	23.23 0.96 0.00	24.70 1.22 0.00	25.25 1.38 0.00	25.39 1.37 0.00	24.72 1.22 0.00	25.97 1.33 0.00	25.03 1.21 0.00	24.19 1.02 0.00	24.05 0.95 0.00	24.24 1.07 0.00	24.32 1.22 0.00	26.96 1.60 0.00	34.50 2.29 0.00	38.98 2.65 0.00	38.17 2.66 0.00	37.46 2.28 -3.86	33.03 2.05 -2.57	30.07 2.04 0.00	27.54 1.78 0.00
DASHVILLE___HYD 23610	24.28 1.18 0.00	23.12 0.91 0.00	22.24 0.86 0.00	22.20 0.85 0.00	22.49 0.84 0.00	23.05 0.78 0.00	24.61 1.13 0.00	25.25 1.38 0.00	25.39 1.37 0.00	24.86 1.36 0.00	26.12 1.48 0.00	25.13 1.31 0.00	24.29 1.11 0.00	24.14 1.04 0.00	24.38 1.21 0.00	24.43 1.34 0.00	27.01 1.65 0.00	34.50 2.29 0.00	38.84 2.51 0.00	37.99 2.49 0.00	36.37 1.91 -3.15	32.22 1.71 -2.10	30.10 2.07 0.00	27.56 1.80 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	28.16 2.43 -2.63	24.44 2.13 -0.10	23.42 2.03 0.00	23.38 2.03 0.00	23.71 2.06 0.00	24.28 2.00 0.00	26.41 2.49 -0.45	30.35 2.79 -3.69	31.98 2.81 -5.15	30.90 2.84 -4.56	27.88 3.08 -0.15	26.71 2.79 -0.10	26.36 2.64 -0.54	25.80 2.54 -0.15	28.47 2.69 -2.60	32.12 2.79 -6.23	33.45 3.22 -4.87	39.48 4.22 -3.05	45.25 4.69 -4.24	40.92 4.58 -0.84	38.34 3.98 -3.05	34.51 3.55 -2.54	33.41 3.56 -1.83	32.80 3.19 -3.84
DELAWARE___LFGE 323621	23.96 0.85 0.00	22.94 0.73 0.00	22.07 0.68 0.00	22.03 0.68 0.00	22.38 0.74 0.00	23.01 0.74 0.00	24.46 0.99 0.00	24.99 1.12 0.00	25.15 1.13 0.00	24.60 1.10 0.00	25.83 1.18 0.00	24.91 1.10 0.00	24.06 0.88 0.00	23.91 0.81 0.00	24.03 0.86 0.00	24.04 0.95 0.00	26.55 1.19 0.00	34.02 1.80 0.00	38.40 2.07 0.00	37.49 1.99 0.00	34.34 1.66 -1.36	30.83 1.51 -0.91	29.57 1.54 0.00	27.18 1.42 0.00
DERFIELD_115KV_TB7 355931	23.27 0.16 0.00	22.34 0.13 0.00	21.49 0.11 0.00	21.46 0.11 0.00	21.78 0.13 0.00	22.41 0.13 0.00	23.69 0.21 0.00	24.11 0.24 0.00	24.26 0.24 0.00	23.73 0.23 0.00	24.91 0.27 0.00	24.05 0.24 0.00	23.38 0.21 0.00	23.29 0.18 0.00	23.38 0.21 0.00	23.35 0.25 0.00	25.66 0.30 0.00	32.70 0.48 0.00	36.84 0.51 0.00	36.00 0.50 0.00	31.75 0.44 0.00	28.82 0.40 0.00	28.42 0.39 0.00	26.15 0.39 0.00
DOGLEVILLE___HYD 23807	23.75 0.65 0.00	22.79 0.58 0.00	21.94 0.56 0.00	21.90 0.55 0.00	22.23 0.58 0.00	22.88 0.60 0.00	24.18 0.70 0.00	24.58 0.72 0.00	24.77 0.75 0.00	24.22 0.73 0.00	25.41 0.76 0.00	24.60 0.78 0.00	23.85 0.67 0.00	23.73 0.62 0.00	23.80 0.63 0.00	23.79 0.69 0.00	26.12 0.76 0.00	33.31 1.10 0.00	37.56 1.24 0.00	36.74 1.24 0.00	32.44 1.13 0.00	29.61 1.19 0.00	29.23 1.20 0.00	26.95 1.19 0.00
DUNKIRK___115KV_TB_200 55889	21.97 -1.13 0.00	21.19 -1.02 0.00	20.38 -1.01 0.00	20.28 -1.07 0.00	20.76 -0.89 0.00	21.43 -0.85 0.00	22.84 -0.63 0.00	22.72 -1.15 0.00	22.94 -1.08 0.00	22.65 -0.85 0.00	23.81 -0.84 0.00	23.13 -0.69 0.00	22.13 -1.04 0.00	21.95 -1.16 0.00	21.81 -1.37 0.00	21.80 -1.29 0.00	23.84 -1.52 0.00	31.12 -1.10 0.00	35.17 -1.16 0.00	34.19 -1.31 0.00	29.90 -1.94 -0.53	27.09 -1.68 -0.35	27.10 -0.92 0.00	25.40 -0.36 0.00
DUNKIRK___1 23563	21.97 -1.13 0.00	21.19 -1.02 0.00	20.38 -1.01 0.00	20.28 -1.07 0.00	20.76 -0.89 0.00	21.43 -0.85 0.00	22.84 -0.63 0.00	22.72 -1.15 0.00	22.94 -1.08 0.00	22.65 -0.85 0.00	23.81 -0.84 0.00	23.13 -0.69 0.00	22.13 -1.04 0.00	21.95 -1.16 0.00	21.81 -1.37 0.00	21.80 -1.29 0.00	23.84 -1.52 0.00	31.12 -1.10 0.00	35.17 -1.16 0.00	34.19 -1.31 0.00	29.90 -1.94 -0.53	27.09 -1.68 -0.35	27.10 -0.92 0.00	25.40 -0.36 0.00
DUNKIRK___2 23564	21.97 -1.13 0.00	21.19 -1.02 0.00	20.38 -1.01 0.00	20.28 -1.07 0.00	20.76 -0.89 0.00	21.43 -0.85 0.00	22.84 -0.63 0.00	22.72 -1.15 0.00	22.94 -1.08 0.00	22.65 -0.85 0.00	23.81 -0.84 0.00	23.13 -0.69 0.00	22.13 -1.04 0.00	21.95 -1.16 0.00	21.81 -1.37 0.00	21.80 -1.29 0.00	23.84 -1.52 0.00	31.12 -1.10 0.00	35.17 -1.16 0.00	34.19 -1.31 0.00	29.90 -1.94 -0.53	27.09 -1.68 -0.35	27.10 -0.92 0.00	25.40 -0.36 0.00
DUNKIRK___3 23565	21.90 -1.20 0.00	21.10 -1.11 0.00	20.32 -1.07 0.00	20.20 -1.15 0.00	20.70 -0.95 0.00	21.34 -0.94 0.00	22.75 -0.73 0.00	22.60 -1.27 0.00	22.82 -1.20 0.00	22.53 -0.96 0.00	23.66 -0.99 0.00	22.98 -0.83 0.00	21.99 -1.18 0.00	21.83 -1.27 0.00	21.69 -1.48 0.00	21.69 -1.41 0.00	23.69 -1.67 0.00	30.89 -1.32 0.00	34.88 -1.45 0.00	33.94 -1.56 0.00	29.68 -2.16 -0.52	26.89 -1.88 -0.35	26.93 -1.09 0.00	25.24 -0.52 0.00
DUNKIRK___4 23566	21.90 -1.20 0.00	21.10 -1.11 0.00	20.32 -1.07 0.00	20.20 -1.15 0.00	20.70 -0.95 0.00	21.34 -0.94 0.00	22.75 -0.73 0.00	22.60 -1.27 0.00	22.82 -1.20 0.00	22.53 -0.96 0.00	23.66 -0.99 0.00	22.98 -0.83 0.00	21.99 -1.18 0.00	21.83 -1.27 0.00	21.69 -1.48 0.00	21.69 -1.41 0.00	23.69 -1.67 0.00	30.89 -1.32 0.00	34.88 -1.45 0.00	33.94 -1.56 0.00	29.68 -2.16 -0.52	26.89 -1.88 -0.35	26.93 -1.09 0.00	25.24 -0.52 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	24.44 1.34 0.00	23.28 1.07 0.00	22.37 0.98 0.00	22.35 1.00 0.00	22.64 1.00 0.00	23.23 0.96 0.00	24.79 1.31 0.00	25.56 1.69 0.00	25.75 1.73 0.00	25.23 1.74 0.00	26.57 1.92 0.00	25.60 1.79 0.00	24.75 1.58 0.00	24.63 1.52 0.00	24.84 1.67 0.00	24.87 1.78 0.00	27.44 2.08 0.00	34.95 2.74 0.00	39.27 2.94 0.00	38.45 2.95 0.00	36.93 2.57 -3.05	32.81 2.36 -2.03	30.44 2.41 0.00	27.87 2.11 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	24.33 1.22 0.00	23.17 0.96 0.00	22.28 0.90 0.00	22.27 0.92 0.00	22.54 0.89 0.00	23.14 0.87 0.00	24.68 1.20 0.00	25.37 1.50 0.00	25.51 1.49 0.00	24.98 1.48 0.00	26.25 1.60 0.00	25.27 1.45 0.00	24.43 1.25 0.00	24.31 1.20 0.00	24.52 1.34 0.00	24.55 1.45 0.00	27.13 1.78 0.00	34.63 2.42 0.00	38.98 2.65 0.00	38.13 2.63 0.00	36.57 2.29 -2.97	32.47 2.07 -1.98	30.16 2.13 0.00	27.64 1.88 0.00



E179THST_138_KV_TB4_REV_LBMP_J 345001	24.54 1.43 0.00	23.34 1.13 0.00	22.48 1.09 0.00	22.44 1.09 0.00	22.73 1.08 0.00	23.21 0.94 0.00	24.72 1.24 0.00	25.49 1.62 0.00	25.70 1.68 0.00	25.26 1.76 0.00	26.61 1.97 0.01	25.62 1.81 0.01	24.79 1.62 0.01	24.64 1.55 0.01	24.95 1.76 -0.02	24.94 1.85 0.00	27.53 2.16 -0.02	34.99 2.77 -0.01	39.27 2.94 0.00	38.41 2.91 0.00	36.89 2.54 -3.05	32.87 2.42 -2.04	30.58 2.55 -0.01	27.88 2.11 -0.01
E179THST_13_KV_LOAD 356214	24.65 1.55 0.00	23.41 1.20 0.00	22.54 1.15 0.00	22.50 1.15 0.00	22.80 1.15 0.00	23.30 1.02 0.00	24.82 1.34 0.00	25.59 1.72 0.00	25.80 1.78 0.00	25.35 1.86 0.00	26.71 2.07 0.01	25.74 1.93 0.01	24.88 1.72 0.01	24.76 1.66 0.01	25.07 1.88 -0.02	25.06 1.96 0.00	27.66 2.28 -0.02	35.15 2.93 -0.01	39.45 3.12 0.00	38.59 3.09 0.00	37.05 2.69 -3.05	33.02 2.56 -2.04	30.72 2.69 -0.01	28.01 2.24 -0.01
EAST HAMPTON___GT 23717	28.35 2.61 -2.63	24.64 2.33 -0.10	23.61 2.22 0.00	23.57 2.22 0.00	23.90 2.25 0.00	24.48 2.21 0.00	26.65 2.72 -0.45	30.59 3.03 -3.69	32.20 3.03 -5.15	31.13 3.08 -4.56	28.10 3.30 -0.15	26.92 3.00 -0.10	26.57 2.85 -0.54	26.00 2.75 -0.15	28.65 2.87 -2.60	32.35 3.02 -6.23	33.73 3.50 -4.87	39.90 4.64 -3.05	45.73 5.16 -4.24	41.42 5.08 -0.84	38.75 4.38 -3.05	34.90 3.95 -2.54	33.72 3.87 -1.83	33.11 3.50 -3.84
EAST RIVER___6 23660	24.47 1.36 0.00	23.23 1.02 0.00	22.35 0.96 0.00	22.31 0.96 0.00	22.60 0.95 0.00	23.19 0.91 0.00	24.77 1.29 0.00	25.56 1.69 0.00	25.80 1.78 0.00	25.33 1.83 0.00	26.69 2.04 0.00	25.72 1.91 0.00	24.89 1.72 0.00	24.75 1.64 0.00	24.98 1.78 -0.02	24.99 1.89 0.00	27.61 2.23 -0.02	35.08 2.87 0.00	39.34 3.01 0.00	38.52 3.02 0.00	37.00 2.63 -3.05	32.95 2.50 -2.03	30.52 2.49 0.00	27.98 2.22 0.00
EAST RIVER___7 23524	24.47 1.36 0.00	23.23 1.02 0.00	22.35 0.96 0.00	22.31 0.96 0.00	22.60 0.95 0.00	23.19 0.91 0.00	24.77 1.29 0.00	25.56 1.69 0.00	25.80 1.78 0.00	25.33 1.83 0.00	26.69 2.04 0.00	25.72 1.91 0.00	24.89 1.72 0.00	24.75 1.64 0.00	24.98 1.78 -0.02	24.99 1.89 0.00	27.61 2.23 -0.02	35.08 2.87 0.00	39.34 3.01 0.00	38.52 3.02 0.00	37.00 2.63 -3.05	32.95 2.50 -2.03	30.52 2.49 0.00	27.98 2.22 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	24.40 1.29 0.00	23.23 1.02 0.00	22.35 0.96 0.00	22.31 0.96 0.00	22.60 0.95 0.00	23.21 0.94 0.00	24.77 1.29 0.00	25.52 1.65 0.00	25.70 1.68 0.00	25.19 1.69 0.00	26.52 1.87 0.00	25.56 1.74 0.00	24.71 1.53 0.00	24.56 1.46 0.00	24.80 1.62 0.00	24.80 1.71 0.00	27.36 2.00 0.00	34.86 2.64 0.00	39.20 2.87 0.00	38.34 2.84 0.00	36.86 2.51 -3.04	32.75 2.30 -2.03	30.38 2.35 0.00	27.82 2.06 0.00
EAST_HAMPTON___DIESEL 23722	28.35 2.61 -2.63	24.64 2.33 -0.10	23.61 2.22 0.00	23.57 2.22 0.00	23.90 2.25 0.00	24.48 2.21 0.00	26.65 2.72 -0.45	30.59 3.03 -3.69	32.20 3.03 -5.15	31.13 3.08 -4.56	28.10 3.30 -0.15	26.92 3.00 -0.10	26.57 2.85 -0.54	25.98 2.73 -0.15	28.65 2.87 -2.60	32.32 3.00 -6.23	33.73 3.50 -4.87	39.90 4.64 -3.05	45.73 5.16 -4.24	41.42 5.08 -0.84	38.75 4.38 -3.05	34.90 3.95 -2.54	33.72 3.87 -1.83	33.11 3.50 -3.84
EAST_PULASKI___ESR 323781	22.55 -0.55 0.00	21.66 -0.56 0.00	20.87 -0.51 0.00	20.81 -0.53 0.00	21.19 -0.45 0.00	21.85 -0.42 0.00	23.13 -0.35 0.00	23.51 -0.36 0.00	23.66 -0.36 0.00	23.17 -0.33 0.00	24.30 -0.35 0.00	23.44 -0.38 0.00	22.69 -0.49 0.00	22.55 -0.55 0.00	22.62 -0.56 0.00	22.61 -0.48 0.00	24.90 -0.46 0.00	31.92 -0.29 0.00	36.07 -0.25 0.00	35.18 -0.32 0.00	31.31 -0.28 -0.28	28.29 -0.31 -0.18	27.69 -0.34 0.00	25.48 -0.28 0.00
EAST_RIVER___1 323558	24.51 1.41 0.00	23.28 1.07 0.00	22.39 1.01 0.00	22.35 1.00 0.00	22.64 1.00 0.00	23.23 0.96 0.00	24.79 1.31 0.00	25.59 1.72 0.00	25.80 1.78 0.00	25.33 1.83 0.00	26.71 2.07 0.00	25.72 1.91 0.00	24.89 1.72 0.00	24.75 1.64 0.00	24.98 1.78 -0.02	24.99 1.89 0.00	27.61 2.23 -0.02	35.08 2.87 0.00	39.34 3.01 0.00	38.52 3.02 0.00	37.00 2.63 -3.05	32.95 2.50 -2.03	30.52 2.49 0.00	27.98 2.22 0.00
EAST_RIVER___2 323559	24.47 1.36 0.00	23.23 1.02 0.00	22.35 0.96 0.00	22.31 0.96 0.00	22.60 0.95 0.00	23.19 0.91 0.00	24.77 1.29 0.00	25.56 1.69 0.00	25.80 1.78 0.00	25.33 1.83 0.00	26.69 2.04 0.00	25.72 1.91 0.00	24.89 1.72 0.00	24.75 1.64 0.00	24.98 1.78 -0.02	24.99 1.89 0.00	27.61 2.23 -0.02	35.08 2.87 0.00	39.34 3.01 0.00	38.52 3.02 0.00	37.00 2.63 -3.05	32.95 2.50 -2.03	30.52 2.49 0.00	27.98 2.22 0.00
EAST___DELAWARE_HYD 23607	24.24 1.13 0.00	23.08 0.87 0.00	22.20 0.81 0.00	22.18 0.83 0.00	22.45 0.80 0.00	23.03 0.76 0.00	24.58 1.10 0.00	25.23 1.36 0.00	25.34 1.32 0.00	24.81 1.31 0.00	26.00 1.35 0.00	25.01 1.19 0.00	24.15 0.97 0.00	24.01 0.90 0.00	24.22 1.04 0.00	24.29 1.20 0.00	26.93 1.57 0.00	34.50 2.29 0.00	38.87 2.54 0.00	38.02 2.52 0.00	36.30 2.22 -2.76	32.21 1.96 -1.84	29.99 1.96 0.00	27.49 1.73 0.00
EIGHT_POINT___WT_PWR 323820	23.73 0.62 0.00	22.77 0.56 0.00	21.96 0.58 0.00	21.93 0.58 0.00	22.38 0.74 0.00	23.08 0.80 0.00	24.61 1.13 0.00	24.94 1.08 0.00	25.08 1.06 0.00	24.58 1.08 0.00	25.75 1.11 0.00	24.86 1.05 0.00	23.94 0.76 0.00	23.68 0.58 0.00	23.71 0.53 0.00	23.76 0.67 0.00	26.25 0.89 0.00	34.02 1.80 0.00	38.55 2.22 0.00	37.60 2.09 0.00	33.35 1.31 -0.73	30.43 1.53 -0.48	29.65 1.62 0.00	27.43 1.67 0.00
ELBRIDGE_115KV_TB2 80188	22.64 -0.46 0.00	21.74 -0.47 0.00	20.94 -0.45 0.00	20.90 -0.45 0.00	21.24 -0.41 0.00	21.87 -0.40 0.00	23.17 -0.31 0.00	23.56 -0.31 0.00	23.71 -0.31 0.00	23.21 -0.28 0.00	24.35 -0.30 0.00	23.51 -0.31 0.00	22.76 -0.42 0.00	22.60 -0.51 0.00	22.67 -0.51 0.00	22.66 -0.44 0.00	24.93 -0.43 0.00	31.92 -0.29 0.00	36.04 -0.29 0.00	35.18 -0.32 0.00	31.36 -0.34 -0.39	28.36 -0.31 -0.26	27.74 -0.28 0.00	25.55 -0.21 0.00
ELEC_TRO_TEK 24086	27.45 1.71 -2.63	23.71 1.40 -0.10	22.69 1.30 0.00	22.65 1.30 0.00	22.97 1.32 0.00	23.57 1.29 0.00	25.61 1.69 -0.45	29.83 2.05 -3.91	31.29 2.09 -5.18	30.22 2.09 -4.64	27.46 2.32 -0.50	26.70 2.12 -0.76	26.42 1.92 -1.32	26.05 1.85 -1.09	27.93 2.02 -2.74	31.45 2.12 -6.23	32.69 2.46 -4.87	38.52 3.25 -3.05	44.09 3.52 -4.24	39.82 3.48 -0.84	37.40 3.04 -3.05	33.77 2.81 -2.54	32.71 2.86 -1.83	32.13 2.52 -3.84
ELLENBURG_WT_PWR 323604	23.27 0.16 0.00	22.46 0.24 0.00	21.71 0.32 0.00	21.71 0.36 0.00	21.74 0.09 0.00	22.45 0.18 0.00	23.48 0.00 0.00	23.70 -0.17 0.00	23.86 -0.17 0.00	23.31 -0.19 0.00	24.40 -0.25 0.00	23.51 -0.31 0.00	23.02 -0.16 0.00	23.01 -0.09 0.00	22.87 -0.30 0.00	22.63 -0.46 0.00	24.80 -0.56 0.00	31.41 -0.80 0.00	35.49 -0.83 0.00	34.76 -0.75 0.00	30.78 -0.53 0.00	27.96 -0.46 0.00	27.52 -0.50 0.00	25.32 -0.44 0.00



ELM_ST_23_KV_LD_REV_LBMP_A 345012	21.58 -1.52 0.00	20.81 -1.40 0.00	20.02 -1.37 0.00	19.92 -1.43 0.00	20.37 -1.28 0.00	21.03 -1.25 0.00	22.40 -1.08 0.00	22.22 -1.65 0.00	22.44 -1.59 0.00	22.11 -1.39 0.00	23.21 -1.43 0.00	22.55 -1.26 0.00	21.58 -1.60 0.00	21.42 -1.69 0.00	21.28 -1.90 0.00	21.27 -1.82 0.00	23.25 -2.10 0.00	30.25 -1.97 0.00	34.15 -2.18 0.00	33.27 -2.24 0.00	29.28 -2.54 -0.50	26.53 -2.22 -0.33	26.43 -1.60 0.00	24.76 -1.00 0.00
EMPIRE_CC_1 323656	23.82 0.72 0.00	22.77 0.56 0.00	21.90 0.51 0.00	21.86 0.51 0.00	22.15 0.50 0.00	22.76 0.49 0.00	24.18 0.70 0.00	24.70 0.83 0.00	24.84 0.82 0.00	24.27 0.77 0.00	25.70 1.06 0.00	24.79 0.98 0.00	23.99 0.81 0.00	23.84 0.74 0.00	24.08 0.90 0.00	24.11 1.02 0.00	26.58 1.22 0.00	33.89 1.67 0.00	38.14 1.82 0.00	37.35 1.84 0.00	36.51 1.56 -3.63	32.31 1.48 -2.42	29.48 1.46 0.00	27.05 1.29 0.00
EMPIRE_CC_2 323658	23.82 0.72 0.00	22.77 0.56 0.00	21.90 0.51 0.00	21.86 0.51 0.00	22.15 0.50 0.00	22.76 0.49 0.00	24.18 0.70 0.00	24.70 0.83 0.00	24.84 0.82 0.00	24.27 0.77 0.00	25.70 1.06 0.00	24.79 0.98 0.00	23.99 0.81 0.00	23.84 0.74 0.00	24.08 0.90 0.00	24.11 1.02 0.00	26.58 1.22 0.00	33.89 1.67 0.00	38.14 1.82 0.00	37.35 1.84 0.00	36.51 1.56 -3.63	32.31 1.48 -2.42	29.48 1.46 0.00	27.05 1.29 0.00
ENORWICH_115KV_TB1 80156	25.14 2.03 0.00	24.10 1.89 0.00	23.20 1.82 0.00	23.12 1.77 0.00	23.66 2.01 0.00	24.35 2.07 0.00	25.92 2.44 0.00	26.42 2.55 0.00	26.52 2.50 0.00	25.87 2.37 0.00	27.08 2.44 0.00	26.01 2.19 0.00	24.96 1.78 0.00	24.68 1.57 0.00	24.71 1.53 0.00	24.85 1.76 0.00	27.69 2.33 0.00	36.18 3.96 0.00	41.09 4.76 0.00	40.01 4.51 0.00	36.17 3.85 -1.00	32.50 3.41 -0.67	31.36 3.33 0.00	28.95 3.19 0.00
ERIE_ST__34_KV_TB1-2 80199	21.97 -1.13 0.00	21.17 -1.04 0.00	20.36 -1.03 0.00	20.26 -1.09 0.00	20.76 -0.89 0.00	21.43 -0.85 0.00	22.82 -0.66 0.00	22.68 -1.19 0.00	22.89 -1.13 0.00	22.58 -0.92 0.00	23.71 -0.94 0.00	23.01 -0.81 0.00	22.02 -1.16 0.00	21.83 -1.27 0.00	21.69 -1.48 0.00	21.69 -1.41 0.00	23.71 -1.65 0.00	30.89 -1.32 0.00	34.88 -1.45 0.00	33.94 -1.56 0.00	29.17 -2.66 -0.52	26.43 -2.33 -0.35	26.93 -1.09 0.00	25.27 -0.49 0.00
ERIE_WT_PWR 323693	21.74 -1.36 0.00	20.97 -1.24 0.00	20.17 -1.22 0.00	20.07 -1.28 0.00	20.52 -1.13 0.00	21.21 -1.07 0.00	22.59 -0.89 0.00	22.41 -1.46 0.00	22.61 -1.42 0.00	22.30 -1.20 0.00	23.39 -1.26 0.00	22.72 -1.10 0.00	21.74 -1.44 0.00	21.58 -1.53 0.00	21.44 -1.74 0.00	21.43 -1.66 0.00	23.41 -1.95 0.00	30.51 -1.71 0.00	34.44 -1.89 0.00	33.51 -1.99 0.00	29.38 -2.44 -0.51	26.88 -1.88 -0.34	26.65 -1.37 0.00	24.96 -0.80 0.00
ESPRGFLD_115KV_TB1 80157	24.17 1.06 0.00	23.17 0.96 0.00	22.28 0.90 0.00	22.25 0.90 0.00	22.62 0.97 0.00	23.30 1.02 0.00	24.79 1.31 0.00	25.32 1.46 0.00	25.49 1.47 0.00	24.81 1.32 0.00	26.00 1.36 0.00	25.03 1.21 0.00	24.13 0.95 0.00	23.96 0.85 0.00	24.06 0.88 0.00	24.13 1.04 0.00	26.81 1.45 0.00	34.53 2.32 0.00	39.09 2.76 0.00	38.13 2.63 0.00	33.57 2.19 -0.06	30.45 1.99 -0.04	29.99 1.96 0.00	27.56 1.80 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	23.50 0.39 0.00	22.54 0.33 0.00	21.71 0.32 0.00	21.65 0.30 0.00	22.06 0.41 0.00	22.72 0.45 0.00	24.11 0.63 0.00	24.54 0.67 0.00	24.67 0.65 0.00	24.13 0.63 0.00	25.28 0.64 0.00	24.39 0.57 0.00	23.55 0.37 0.00	23.36 0.25 0.00	23.43 0.25 0.00	23.46 0.37 0.00	25.92 0.56 0.00	33.31 1.10 0.00	37.67 1.34 0.00	36.74 1.24 0.00	33.00 0.94 -0.75	29.77 0.85 -0.50	28.92 0.90 0.00	26.66 0.90 0.00
ETNA____115KV_TB2 80207	23.50 0.39 0.00	22.54 0.33 0.00	21.71 0.32 0.00	21.65 0.30 0.00	22.06 0.41 0.00	22.72 0.45 0.00	24.11 0.63 0.00	24.54 0.67 0.00	24.67 0.65 0.00	24.13 0.63 0.00	25.28 0.64 0.00	24.39 0.57 0.00	23.55 0.37 0.00	23.36 0.25 0.00	23.43 0.25 0.00	23.46 0.37 0.00	25.92 0.56 0.00	33.31 1.10 0.00	37.67 1.34 0.00	36.74 1.24 0.00	33.00 0.94 -0.75	29.77 0.85 -0.50	28.92 0.90 0.00	26.66 0.90 0.00
EUCLID__115KV_TB2 356179	22.43 -0.67 0.00	21.57 -0.64 0.00	20.77 -0.62 0.00	20.71 -0.64 0.00	21.04 -0.61 0.00	21.67 -0.60 0.00	22.94 -0.54 0.00	23.32 -0.55 0.00	23.47 -0.55 0.00	23.00 -0.49 0.00	24.10 -0.54 0.00	23.29 -0.52 0.00	22.55 -0.63 0.00	22.41 -0.69 0.00	22.48 -0.70 0.00	22.47 -0.62 0.00	24.68 -0.68 0.00	31.57 -0.64 0.00	35.64 -0.69 0.00	34.79 -0.71 0.00	30.98 -0.66 -0.32	28.04 -0.60 -0.21	27.46 -0.56 0.00	25.32 -0.44 0.00
E_CANADA_CAP_HY 24051	24.21 1.11 0.00	23.19 0.98 0.00	22.31 0.92 0.00	22.27 0.92 0.00	22.60 0.95 0.00	23.30 1.03 0.00	24.79 1.31 0.00	25.37 1.50 0.00	25.51 1.49 0.00	24.67 1.17 0.00	25.85 1.21 0.00	24.86 1.05 0.00	23.99 0.81 0.00	23.82 0.72 0.00	23.96 0.79 0.00	24.11 1.02 0.00	26.86 1.50 0.00	34.60 2.38 0.00	39.13 2.80 0.00	38.27 2.77 0.00	38.10 2.32 -4.47	33.61 2.22 -2.98	30.18 2.16 0.00	27.67 1.91 0.00
E_CANADA_MHWK_HY 24050	23.75 0.65 0.00	22.79 0.58 0.00	21.94 0.56 0.00	21.90 0.55 0.00	22.23 0.58 0.00	22.88 0.60 0.00	24.18 0.70 0.00	24.58 0.72 0.00	24.77 0.75 0.00	24.22 0.73 0.00	25.41 0.76 0.00	24.60 0.78 0.00	23.85 0.67 0.00	23.73 0.62 0.00	23.80 0.63 0.00	23.79 0.69 0.00	26.12 0.76 0.00	33.31 1.10 0.00	37.56 1.24 0.00	36.74 1.24 0.00	32.44 1.13 0.00	29.61 1.19 0.00	29.23 1.20 0.00	26.95 1.19 0.00
E_FISHKILL__LBMP 23776	24.24 1.13 0.00	23.12 0.91 0.00	22.24 0.86 0.00	22.20 0.85 0.00	22.49 0.84 0.00	23.10 0.82 0.00	24.63 1.15 0.00	25.30 1.43 0.00	25.49 1.47 0.00	24.95 1.46 0.00	26.27 1.63 0.00	25.32 1.50 0.00	24.47 1.30 0.00	24.33 1.22 0.00	24.57 1.39 0.00	24.57 1.48 0.00	27.11 1.75 0.00	34.53 2.32 0.00	38.84 2.51 0.00	38.02 2.52 0.00	36.65 2.19 -3.15	32.53 2.02 -2.10	30.10 2.07 0.00	27.56 1.80 0.00
FALCON__SEABRD_CC1 323796	23.59 0.49 0.00	22.77 0.56 0.00	22.03 0.64 0.00	22.03 0.68 0.00	21.91 0.26 0.00	22.65 0.38 0.00	23.69 0.21 0.00	23.92 0.05 0.00	24.07 0.05 0.00	23.50 0.00 0.00	24.59 -0.05 0.00	23.70 -0.12 0.00	23.20 0.02 0.00	23.20 0.09 0.00	23.06 -0.12 0.00	22.82 -0.28 0.00	25.00 -0.36 0.00	31.73 -0.48 0.00	35.86 -0.47 0.00	35.11 -0.39 0.00	31.10 -0.22 0.00	28.22 -0.20 0.00	27.77 -0.25 0.00	25.53 -0.23 0.00
FALCON__SEABRD_CC2 323797	23.59 0.49 0.00	22.77 0.56 0.00	22.03 0.64 0.00	22.03 0.68 0.00	21.91 0.26 0.00	22.65 0.38 0.00	23.69 0.21 0.00	23.92 0.05 0.00	24.07 0.05 0.00	23.50 0.00 0.00	24.59 -0.05 0.00	23.70 -0.12 0.00	23.20 0.02 0.00	23.20 0.09 0.00	23.06 -0.12 0.00	22.82 -0.28 0.00	25.00 -0.36 0.00	31.73 -0.48 0.00	35.86 -0.47 0.00	35.11 -0.39 0.00	31.10 -0.22 0.00	28.22 -0.20 0.00	27.77 -0.25 0.00	25.53 -0.23 0.00



FAR ROCKAWAY___4 23548	27.75 2.01 -2.63	24.00 1.69 -0.10	22.97 1.58 0.00	22.93 1.58 0.00	23.23 1.58 0.00	23.86 1.58 0.00	25.92 2.00 -0.45	30.44 2.34 -4.23	31.64 2.40 -5.21	30.62 2.40 -4.73	28.18 2.61 -0.93	27.82 2.41 -1.59	27.68 2.20 -2.30	27.49 2.10 -2.28	28.36 2.27 -2.91	31.75 2.42 -6.23	33.07 2.84 -4.87	39.06 3.80 -3.05	44.71 4.14 -4.24	40.46 4.12 -0.84	37.93 3.57 -3.05	34.22 3.27 -2.54	33.13 3.28 -1.83	32.54 2.94 -3.84
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	24.54 1.43 0.00	23.32 1.11 0.00	22.43 1.05 0.00	22.39 1.05 0.00	22.69 1.04 0.00	23.28 1.00 0.00	24.84 1.36 0.00	25.63 1.77 0.00	25.85 1.83 0.00	25.37 1.88 0.00	26.74 2.09 0.00	25.77 1.95 0.00	24.91 1.74 0.00	24.79 1.69 0.00	25.02 1.83 -0.02	25.03 1.94 0.00	27.63 2.26 -0.02	35.15 2.93 0.00	39.42 3.09 0.00	38.59 3.09 0.00	37.06 2.69 -3.05	33.01 2.56 -2.03	30.63 2.61 0.00	28.03 2.27 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	24.54 1.43 0.00	23.30 1.09 0.00	22.43 1.05 0.00	22.39 1.05 0.00	22.69 1.04 0.00	23.26 0.98 0.00	24.84 1.36 0.00	25.63 1.77 0.00	25.85 1.83 0.00	25.37 1.88 0.00	26.74 2.09 0.00	25.77 1.95 0.00	24.91 1.74 0.00	24.77 1.66 0.00	25.02 1.83 -0.02	25.03 1.94 0.00	27.63 2.26 -0.02	35.15 2.93 0.00	39.42 3.09 0.00	38.59 3.09 0.00	37.06 2.69 -3.05	33.01 2.56 -2.03	30.63 2.61 0.00	28.03 2.27 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	24.51 1.41 0.00	23.28 1.07 0.00	22.41 1.03 0.00	22.37 1.02 0.00	22.67 1.02 0.00	23.26 0.98 0.00	24.82 1.34 0.00	25.61 1.74 0.00	25.82 1.80 0.00	25.35 1.86 0.00	26.71 2.07 0.00	25.75 1.93 0.00	24.89 1.72 0.00	24.75 1.64 0.00	25.00 1.81 -0.02	24.99 1.89 0.00	27.61 2.23 -0.02	35.08 2.87 0.00	39.38 3.05 0.00	38.52 3.02 0.00	37.00 2.63 -3.05	32.95 2.50 -2.03	30.60 2.58 0.00	28.00 2.24 0.00
FARRAGUT___LBMP 323566	24.49 1.39 0.00	23.28 1.07 0.00	22.39 1.01 0.00	22.35 1.00 0.00	22.64 1.00 0.00	23.23 0.96 0.00	24.79 1.31 0.00	25.59 1.72 0.00	25.80 1.78 0.00	25.33 1.83 0.00	26.69 2.05 0.00	25.72 1.91 0.00	24.87 1.69 0.00	24.75 1.64 0.00	24.98 1.78 -0.02	24.99 1.89 0.00	27.58 2.21 -0.02	35.08 2.87 0.00	39.34 3.02 0.00	38.48 2.98 0.00	37.00 2.63 -3.05	32.92 2.47 -2.03	30.58 2.55 0.00	27.98 2.22 0.00
FENNER___WINDPWR 24204	23.52 0.42 0.00	22.59 0.38 0.00	21.75 0.36 0.00	21.71 0.36 0.00	22.08 0.43 0.00	22.76 0.49 0.00	24.11 0.63 0.00	24.56 0.69 0.00	24.72 0.70 0.00	24.13 0.63 0.00	25.31 0.67 0.00	24.41 0.60 0.00	23.62 0.44 0.00	23.47 0.37 0.00	23.57 0.39 0.00	23.56 0.46 0.00	25.97 0.61 0.00	33.28 1.06 0.00	37.60 1.27 0.00	36.67 1.17 0.00	32.70 0.97 -0.41	29.57 0.88 -0.27	28.87 0.84 0.00	26.58 0.82 0.00
FIBERTEK___ENERGY 23856	22.76 -0.35 0.00	21.86 -0.36 0.00	21.04 -0.34 0.00	20.99 -0.36 0.00	21.35 -0.30 0.00	21.99 -0.29 0.00	23.27 -0.21 0.00	23.65 -0.21 0.00	23.83 -0.19 0.00	23.33 -0.16 0.00	24.47 -0.17 0.00	23.63 -0.19 0.00	22.87 -0.30 0.00	22.71 -0.39 0.00	22.78 -0.39 0.00	22.77 -0.32 0.00	25.06 -0.30 0.00	32.05 -0.16 0.00	36.22 -0.11 0.00	35.32 -0.18 0.00	31.50 -0.19 -0.37	28.49 -0.17 -0.25	27.89 -0.14 0.00	25.68 -0.08 0.00
FITZPATRICK___ 23598	22.14 -0.97 0.00	21.30 -0.91 0.00	20.51 -0.88 0.00	20.45 -0.90 0.00	20.78 -0.87 0.00	21.38 -0.89 0.00	22.61 -0.87 0.00	22.99 -0.88 0.00	23.13 -0.89 0.00	22.65 -0.84 0.00	23.73 -0.91 0.00	22.94 -0.88 0.00	22.25 -0.93 0.00	22.14 -0.97 0.00	22.20 -0.97 0.00	22.17 -0.92 0.00	24.34 -1.02 0.00	31.12 -1.10 0.00	35.09 -1.24 0.00	34.30 -1.21 0.00	30.45 -1.10 -0.24	27.55 -1.02 -0.16	27.04 -0.98 0.00	24.91 -0.85 0.00
FLOWRFLD_69_KV_BK1 356044	27.79 2.06 -2.63	24.07 1.75 -0.10	23.03 1.65 0.00	22.99 1.64 0.00	23.32 1.67 0.00	23.90 1.63 0.00	26.01 2.09 -0.45	30.00 2.43 -3.69	31.62 2.45 -5.15	30.54 2.49 -4.56	27.49 2.69 -0.16	26.38 2.45 -0.11	26.02 2.29 -0.55	25.46 2.19 -0.16	28.14 2.36 -2.60	31.82 2.49 -6.23	33.12 2.89 -4.87	39.10 3.83 -3.05	44.75 4.18 -4.24	40.46 4.12 -0.84	37.93 3.57 -3.05	34.20 3.24 -2.54	33.10 3.25 -1.83	32.51 2.91 -3.84
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	24.63 1.52 0.00	23.45 1.24 0.00	22.56 1.18 0.00	22.52 1.17 0.00	22.77 1.13 0.00	23.39 1.11 0.00	24.96 1.48 0.00	25.63 1.77 0.00	25.80 1.78 0.00	25.23 1.74 0.00	26.52 1.87 0.00	25.51 1.69 0.00	24.64 1.46 0.00	24.49 1.39 0.00	24.73 1.55 0.00	24.78 1.69 0.00	27.44 2.08 0.00	35.08 2.87 0.00	39.53 3.20 0.00	38.66 3.16 0.00	37.13 2.76 -3.06	32.90 2.44 -2.04	30.55 2.52 0.00	27.98 2.22 0.00
FORT ORANGE___ 23900	23.75 0.65 0.00	22.68 0.47 0.00	21.81 0.43 0.00	21.78 0.43 0.00	22.06 0.41 0.00	22.68 0.40 0.00	24.09 0.61 0.00	24.63 0.76 0.00	24.77 0.75 0.00	24.18 0.68 0.00	25.46 0.81 0.00	24.53 0.71 0.00	23.80 0.63 0.00	23.68 0.58 0.00	23.85 0.67 0.00	23.92 0.83 0.00	26.40 1.04 0.00	33.67 1.45 0.00	37.97 1.64 0.00	37.14 1.63 0.00	36.43 1.38 -3.74	32.16 1.25 -2.49	29.29 1.26 0.00	26.87 1.11 0.00
FORT_DRUM_COGEN 23780	22.94 -0.16 0.00	22.06 -0.16 0.00	21.28 -0.11 0.00	21.26 -0.09 0.00	21.69 0.04 0.00	22.43 0.16 0.00	23.76 0.28 0.00	24.18 0.31 0.00	24.29 0.26 0.00	23.73 0.23 0.00	24.87 0.22 0.00	23.94 0.12 0.00	23.20 0.02 0.00	23.08 -0.02 0.00	23.11 -0.07 0.00	23.12 0.02 0.00	25.59 0.23 0.00	33.05 0.84 0.00	37.38 1.05 0.00	36.35 0.85 0.00	32.25 0.75 -0.19	29.05 0.51 -0.13	28.36 0.34 0.00	26.09 0.33 0.00
FOX_HILLS___ESR 323835	24.70 1.59 0.00	23.50 1.29 0.00	22.58 1.20 0.00	22.54 1.20 0.00	22.84 1.19 0.00	23.34 1.07 0.00	24.84 1.36 0.00	25.56 1.69 0.00	25.78 1.75 0.00	25.33 1.83 0.00	53.67 2.05 -26.99	57.05 1.91 -31.33	74.86 1.69 -49.99	61.53 1.64 -36.78	25.00 1.81 -0.02	24.99 1.89 0.00	27.61 2.23 -0.02	44.39 2.87 -9.31	39.42 3.09 0.00	38.56 3.05 0.00	49.70 2.66 -15.73	33.93 2.53 -2.98	30.74 2.66 -0.06	43.15 2.22 -15.18
FPL_FAR_ROCK_GT1 24212	27.75 2.01 -2.64	24.00 1.69 -0.11	22.97 1.58 -0.01	22.93 1.58 -0.01	23.23 1.58 -0.01	23.86 1.58 -0.01	25.92 1.99 -0.45	30.42 2.31 -4.23	31.64 2.40 -5.21	30.63 2.40 -4.73	28.18 2.61 -0.93	27.82 2.40 -1.59	27.68 2.20 -2.30	27.49 2.10 -2.28	28.36 2.27 -2.91	31.75 2.42 -6.23	33.07 2.84 -4.87	39.04 3.77 -3.05	44.71 4.14 -4.24	40.46 4.12 -0.85	37.93 3.57 -3.05	34.26 3.29 -2.54	33.11 3.25 -1.83	32.55 2.94 -3.85
FPL_FAR_ROCK_GT2 23815	27.75 2.01 -2.64	24.00 1.69 -0.11	22.97 1.58 -0.01	22.93 1.58 -0.01	23.23 1.58 -0.01	23.86 1.58 -0.01	25.92 1.99 -0.45	30.42 2.31 -4.23	31.64 2.40 -5.21	30.63 2.40 -4.73	28.18 2.61 -0.93	27.82 2.40 -1.59	27.68 2.20 -2.30	27.49 2.10 -2.28	28.36 2.27 -2.91	31.75 2.42 -6.23	33.07 2.84 -4.87	39.04 3.77 -3.05	44.71 4.14 -4.24	40.46 4.12 -0.85	37.93 3.57 -3.05	34.26 3.29 -2.54	33.11 3.25 -1.83	32.55 2.94 -3.85



FRANKLIN_FALL_HYD 24054	23.43 0.32 0.00	22.61 0.40 0.00	21.86 0.47 0.00	21.86 0.51 0.00	21.93 0.28 0.00	22.65 0.38 0.00	23.69 0.21 0.00	23.94 0.07 0.00	24.10 0.07 0.00	23.52 0.02 0.00	24.62 -0.02 0.00	23.75 -0.07 0.00	23.25 0.07 0.00	23.27 0.16 0.00	23.13 -0.05 0.00	22.93 -0.16 0.00	25.13 -0.23 0.00	31.92 -0.29 0.00	36.07 -0.25 0.00	35.25 -0.25 0.00	31.19 -0.13 0.00	28.28 -0.14 0.00	27.77 -0.25 0.00	25.53 -0.23 0.00
FREEPORT_EQUS_GT1 23764	27.61 1.87 -2.63	23.89 1.58 -0.10	22.84 1.46 0.00	22.80 1.45 0.00	23.12 1.47 0.00	23.72 1.45 0.00	25.78 1.85 -0.45	29.92 2.17 -3.88	31.43 2.23 -5.17	30.35 2.23 -4.62	27.52 2.44 -0.44	26.73 2.26 -0.65	26.42 2.06 -1.18	25.99 1.96 -0.93	28.02 2.13 -2.72	31.61 2.29 -6.23	32.87 2.64 -4.87	38.74 3.48 -3.05	44.38 3.81 -4.24	40.11 3.76 -0.84	37.62 3.26 -3.05	33.97 3.01 -2.54	32.88 3.03 -1.83	32.31 2.70 -3.85
FREEPORT___CT2 23818	27.61 1.87 -2.63	23.89 1.58 -0.10	22.84 1.46 0.00	22.80 1.45 0.00	23.12 1.47 0.00	23.72 1.45 0.00	25.78 1.85 -0.45	29.92 2.17 -3.88	31.43 2.23 -5.17	30.35 2.23 -4.62	27.52 2.44 -0.44	26.73 2.26 -0.65	26.42 2.06 -1.18	25.99 1.96 -0.93	28.02 2.13 -2.72	31.61 2.29 -6.23	32.87 2.64 -4.87	38.74 3.48 -3.05	44.38 3.81 -4.24	40.11 3.76 -0.84	37.62 3.26 -3.05	33.97 3.01 -2.54	32.88 3.03 -1.83	32.31 2.70 -3.85
FRESHKLS_33_KV_LOAD 356253	24.68 1.57 0.00	23.48 1.27 0.00	22.56 1.18 0.00	22.52 1.17 0.00	22.82 1.17 0.00	23.30 1.02 0.00	24.79 1.31 0.00	25.49 1.62 0.00	25.70 1.68 0.00	25.26 1.76 0.00	52.87 1.97 -26.26	56.11 1.81 -30.49	73.45 1.62 -48.65	60.45 1.55 -35.79	24.93 1.74 -0.02	24.92 1.82 0.00	27.53 2.16 -0.02	44.32 2.80 -9.31	39.34 3.02 0.00	38.48 2.98 0.00	49.64 2.60 -15.73	33.85 2.44 -2.98	30.74 2.66 -0.06	43.08 2.14 -15.18
FULTON COGEN____ 23766	22.39 -0.72 0.00	21.52 -0.69 0.00	20.72 -0.66 0.00	20.67 -0.68 0.00	21.00 -0.65 0.00	21.63 -0.65 0.00	22.89 -0.59 0.00	23.27 -0.60 0.00	23.45 -0.58 0.00	22.95 -0.54 0.00	24.08 -0.57 0.00	23.25 -0.57 0.00	22.50 -0.67 0.00	22.37 -0.74 0.00	22.43 -0.74 0.00	22.42 -0.67 0.00	24.68 -0.68 0.00	31.57 -0.64 0.00	35.64 -0.69 0.00	34.79 -0.71 0.00	30.96 -0.66 -0.30	28.02 -0.60 -0.20	27.41 -0.62 0.00	25.24 -0.52 0.00
FULTON___LFGE 323630	25.39 2.29 0.00	24.28 2.07 0.00	23.35 1.97 0.00	23.29 1.94 0.00	23.62 1.97 0.00	24.39 2.12 0.00	26.01 2.54 0.00	26.61 2.74 0.00	26.74 2.71 0.00	25.80 2.30 0.00	27.01 2.37 0.00	25.89 2.07 0.00	24.94 1.76 0.00	24.77 1.66 0.00	24.96 1.78 0.00	25.24 2.15 0.00	28.38 3.02 0.00	36.63 4.41 0.00	41.56 5.23 0.00	40.76 5.25 0.00	40.03 4.44 -4.27	35.27 4.01 -2.84	32.00 3.98 0.00	29.26 3.50 0.00
G.F.CEMENT___DRP 24184	24.40 1.29 0.00	23.30 1.09 0.00	22.41 1.03 0.00	22.37 1.02 0.00	22.67 1.02 0.00	23.37 1.09 0.00	24.86 1.39 0.00	25.44 1.58 0.00	25.58 1.56 0.00	24.88 1.39 0.00	26.15 1.50 0.00	25.17 1.36 0.00	24.31 1.14 0.00	24.14 1.04 0.00	24.34 1.16 0.00	24.43 1.34 0.00	27.16 1.80 0.00	34.86 2.64 0.00	39.38 3.05 0.00	38.59 3.09 0.00	37.82 2.63 -3.88	33.30 2.30 -2.58	30.30 2.27 0.00	27.77 2.01 0.00
GARDENVILLE___LBMP 24039	21.67 -1.43 0.00	20.90 -1.31 0.00	20.10 -1.28 0.00	19.98 -1.37 0.00	20.46 -1.19 0.00	21.12 -1.16 0.00	22.47 -1.01 0.00	22.32 -1.55 0.00	22.53 -1.49 0.00	22.23 -1.27 0.00	23.31 -1.33 0.00	22.65 -1.17 0.00	21.69 -1.48 0.00	21.51 -1.59 0.00	21.37 -1.81 0.00	21.36 -1.73 0.00	23.36 -2.00 0.00	30.41 -1.80 0.00	34.33 -2.00 0.00	33.41 -2.09 0.00	29.31 -2.51 -0.51	26.57 -2.19 -0.34	26.54 -1.49 0.00	24.88 -0.88 0.00
GARDNVLA_35_KV_LD 355827	21.76 -1.34 0.00	20.99 -1.22 0.00	20.19 -1.20 0.00	20.07 -1.28 0.00	20.54 -1.10 0.00	21.21 -1.07 0.00	22.56 -0.92 0.00	22.39 -1.48 0.00	22.61 -1.42 0.00	22.30 -1.20 0.00	23.41 -1.23 0.00	22.74 -1.07 0.00	21.76 -1.41 0.00	21.58 -1.52 0.00	21.44 -1.74 0.00	21.43 -1.66 0.00	23.43 -1.93 0.00	30.51 -1.71 0.00	34.48 -1.85 0.00	33.55 -1.95 0.00	29.38 -2.44 -0.51	26.63 -2.13 -0.34	26.65 -1.37 0.00	24.99 -0.77 0.00
GELCKHM___115KV_LOAD 80723	22.55 -0.55 0.00	21.68 -0.53 0.00	20.87 -0.51 0.00	20.81 -0.53 0.00	21.15 -0.50 0.00	21.79 -0.49 0.00	23.06 -0.42 0.00	23.44 -0.43 0.00	23.59 -0.43 0.00	23.12 -0.38 0.00	24.25 -0.39 0.00	23.41 -0.40 0.00	22.67 -0.51 0.00	22.53 -0.58 0.00	22.60 -0.58 0.00	22.56 -0.53 0.00	24.83 -0.53 0.00	31.76 -0.45 0.00	35.86 -0.47 0.00	35.01 -0.50 0.00	31.15 -0.50 -0.34	28.19 -0.45 -0.23	27.60 -0.42 0.00	25.45 -0.31 0.00
GENERAL___MILLS 23808	21.72 -1.39 0.00	20.94 -1.27 0.00	20.15 -1.24 0.00	20.05 -1.30 0.00	20.52 -1.13 0.00	21.18 -1.09 0.00	22.54 -0.94 0.00	22.36 -1.50 0.00	22.58 -1.44 0.00	22.27 -1.22 0.00	23.39 -1.26 0.00	22.72 -1.10 0.00	21.74 -1.44 0.00	21.56 -1.55 0.00	21.41 -1.76 0.00	21.41 -1.69 0.00	23.41 -1.95 0.00	30.48 -1.74 0.00	34.40 -1.93 0.00	33.51 -1.99 0.00	29.35 -2.47 -0.51	26.57 -2.19 -0.34	26.60 -1.43 0.00	24.96 -0.80 0.00
GE_PLASTICS___DRP 24183	23.68 0.58 0.00	22.63 0.42 0.00	21.79 0.41 0.00	21.75 0.41 0.00	22.02 0.37 0.00	22.65 0.38 0.00	24.04 0.56 0.00	24.58 0.72 0.00	24.72 0.70 0.00	24.15 0.66 0.00	25.43 0.79 0.00	24.53 0.71 0.00	23.78 0.60 0.00	23.66 0.55 0.00	23.87 0.70 0.00	23.88 0.79 0.00	26.30 0.94 0.00	33.50 1.29 0.00	37.78 1.45 0.00	36.92 1.42 0.00	36.28 1.22 -3.74	32.02 1.11 -2.49	29.15 1.12 0.00	26.76 1.00 0.00
GILBOA___1 23756	23.78 0.67 0.00	22.72 0.51 0.00	21.88 0.49 0.00	21.84 0.49 0.00	22.15 0.50 0.00	22.76 0.49 0.00	24.18 0.70 0.00	24.73 0.86 0.00	24.89 0.86 0.00	24.34 0.84 0.00	25.58 0.94 0.00	24.67 0.86 0.00	23.90 0.72 0.00	23.78 0.67 0.00	23.94 0.76 0.00	23.95 0.85 0.00	26.38 1.02 0.00	33.63 1.42 0.00	37.89 1.56 0.00	37.06 1.56 0.00	35.64 1.35 -2.98	31.65 1.25 -1.98	29.29 1.26 0.00	26.89 1.13 0.00
GILBOA___2 23757	23.78 0.67 0.00	22.72 0.51 0.00	21.88 0.49 0.00	21.84 0.49 0.00	22.15 0.50 0.00	22.76 0.49 0.00	24.18 0.70 0.00	24.73 0.86 0.00	24.89 0.86 0.00	24.34 0.84 0.00	25.58 0.94 0.00	24.67 0.86 0.00	23.90 0.72 0.00	23.78 0.67 0.00	23.94 0.76 0.00	23.95 0.85 0.00	26.38 1.02 0.00	33.63 1.42 0.00	37.89 1.56 0.00	37.06 1.56 0.00	35.64 1.35 -2.98	31.65 1.25 -1.98	29.29 1.26 0.00	26.89 1.13 0.00
GILBOA___3 23758	23.78 0.67 0.00	22.72 0.51 0.00	21.88 0.49 0.00	21.84 0.49 0.00	22.15 0.50 0.00	22.76 0.49 0.00	24.18 0.70 0.00	24.73 0.86 0.00	24.89 0.86 0.00	24.34 0.84 0.00	25.58 0.94 0.00	24.67 0.86 0.00	23.90 0.72 0.00	23.78 0.67 0.00	23.94 0.76 0.00	23.95 0.85 0.00	26.38 1.02 0.00	33.63 1.42 0.00	37.89 1.56 0.00	37.06 1.56 0.00	35.64 1.35 -2.98	31.65 1.25 -1.98	29.29 1.26 0.00	26.89 1.13 0.00



GILBOA___4 23759	23.78 0.67 0.00	22.72 0.51 0.00	21.88 0.49 0.00	21.84 0.49 0.00	22.15 0.50 0.00	22.76 0.49 0.00	24.18 0.70 0.00	24.73 0.86 0.00	24.89 0.86 0.00	24.34 0.84 0.00	25.58 0.94 0.00	24.67 0.86 0.00	23.90 0.72 0.00	23.78 0.67 0.00	23.94 0.76 0.00	23.95 0.85 0.00	26.38 1.02 0.00	33.63 1.42 0.00	37.89 1.56 0.00	37.06 1.56 0.00	35.64 1.35 -2.98	31.65 1.25 -1.98	29.29 1.26 0.00	26.89 1.13 0.00
GILBOA____ 23599	23.77 0.67 0.00	22.72 0.51 0.00	21.88 0.49 0.00	21.84 0.49 0.00	22.15 0.50 0.00	22.77 0.49 0.00	24.18 0.70 0.00	24.73 0.86 0.00	24.89 0.86 0.00	24.34 0.85 0.00	25.58 0.94 0.00	24.67 0.86 0.00	23.89 0.72 0.00	23.77 0.67 0.00	23.94 0.76 0.00	23.95 0.85 0.00	26.37 1.01 0.00	33.63 1.42 0.00	37.89 1.56 0.00	37.06 1.56 0.00	35.64 1.35 -2.98	31.62 1.22 -1.98	29.29 1.26 0.00	26.89 1.13 0.00
GINNA____ 23603	21.19 -1.92 0.00	20.37 -1.84 0.00	19.61 -1.77 0.00	19.53 -1.81 0.00	19.90 -1.75 0.00	20.49 -1.78 0.00	21.81 -1.67 0.00	21.98 -1.89 0.00	22.15 -1.87 0.00	21.73 -1.76 0.00	22.85 -1.80 0.00	22.10 -1.72 0.00	21.30 -1.88 0.00	21.12 -1.99 0.00	21.11 -2.06 0.00	21.11 -1.99 0.00	23.18 -2.18 0.00	29.90 -2.32 0.00	33.82 -2.51 0.00	33.02 -2.49 0.00	29.59 -2.13 -0.41	26.59 -2.10 -0.27	25.98 -2.04 0.00	24.03 -1.73 0.00
GLEN PARK____ 23778	23.04 -0.07 0.00	22.14 -0.07 0.00	21.37 -0.02 0.00	21.35 0.00 0.00	21.80 0.15 0.00	22.54 0.27 0.00	23.88 0.40 0.00	24.30 0.43 0.00	24.41 0.38 0.00	23.82 0.33 0.00	24.96 0.32 0.00	24.03 0.21 0.00	23.27 0.09 0.00	23.15 0.05 0.00	23.18 0.00 0.00	23.19 0.09 0.00	25.71 0.35 0.00	33.28 1.06 0.00	37.67 1.34 0.00	36.60 1.10 0.00	32.48 0.97 -0.20	29.23 0.68 -0.13	28.53 0.50 0.00	26.25 0.49 0.00
GLENDALE_27_KV_LOAD 356172	24.75 1.64 0.00	23.50 1.29 0.00	22.61 1.22 0.00	22.57 1.22 0.00	22.86 1.21 0.00	23.41 1.14 0.00	24.93 1.46 0.00	25.71 1.84 0.00	25.94 1.92 0.00	25.49 2.00 0.00	30.70 2.19 -3.86	30.35 2.05 -4.48	32.16 1.83 -7.15	30.14 1.78 -5.26	25.16 1.97 -0.02	25.15 2.06 0.00	27.79 2.41 -0.02	36.64 3.09 -1.34	39.63 3.31 0.00	38.77 3.27 0.00	39.04 2.85 -4.87	33.29 2.70 -2.17	30.84 2.80 -0.01	30.31 2.37 -2.18
GLENWOOD_IC_1_G5 23712	27.56 1.83 -2.63	23.82 1.51 -0.10	22.80 1.41 0.00	22.76 1.41 0.00	23.08 1.43 0.00	23.68 1.40 0.00	25.73 1.81 -0.45	29.87 2.20 -3.81	31.45 2.26 -5.17	30.35 2.26 -4.60	27.46 2.46 -0.35	26.57 2.26 -0.49	26.24 2.06 -1.00	25.79 1.99 -0.70	28.01 2.16 -2.68	31.58 2.26 -6.23	32.87 2.64 -4.87	38.48 3.22 -3.05	44.09 3.52 -4.24	39.82 3.48 -0.84	37.37 3.01 -3.05	33.97 3.01 -2.54	32.91 3.05 -1.83	32.31 2.70 -3.84
GLENWOOD_IC_2_G1 23688	27.45 1.71 -2.63	23.74 1.42 -0.10	22.71 1.33 0.00	22.67 1.32 0.00	22.97 1.32 0.00	23.59 1.31 0.00	25.64 1.71 -0.45	29.57 2.08 -3.63	31.29 2.11 -5.15	30.19 2.14 -4.56	27.14 2.34 -0.15	26.07 2.14 -0.11	25.69 1.97 -0.54	25.13 1.87 -0.15	27.82 2.04 -2.60	31.47 2.15 -6.23	32.74 2.51 -4.87	38.48 3.22 -3.05	44.09 3.52 -4.24	39.82 3.48 -0.84	37.40 3.04 -3.05	33.83 2.87 -2.54	32.71 2.86 -1.83	32.16 2.55 -3.84
GLENWOOD_IC_3_G1 23689	27.45 1.71 -2.63	23.74 1.42 -0.10	22.71 1.33 0.00	22.67 1.32 0.00	22.97 1.32 0.00	23.59 1.31 0.00	25.64 1.71 -0.45	29.57 2.08 -3.63	31.29 2.11 -5.15	30.19 2.14 -4.56	27.14 2.34 -0.15	26.07 2.14 -0.11	25.69 1.97 -0.54	25.13 1.87 -0.15	27.82 2.04 -2.60	31.47 2.15 -6.23	32.74 2.51 -4.87	38.48 3.22 -3.05	44.09 3.52 -4.24	39.82 3.48 -0.84	37.40 3.04 -3.05	33.83 2.87 -2.54	32.71 2.86 -1.83	32.16 2.55 -3.84
GLENWOOD___4 23550	27.56 1.83 -2.63	23.82 1.51 -0.10	22.80 1.41 0.00	22.76 1.41 0.00	23.08 1.43 0.00	23.68 1.40 0.00	25.73 1.81 -0.45	29.87 2.20 -3.81	31.45 2.26 -5.17	30.35 2.26 -4.60	27.46 2.46 -0.35	26.57 2.26 -0.49	26.24 2.06 -1.00	25.79 1.99 -0.70	28.01 2.16 -2.68	31.58 2.26 -6.23	32.87 2.64 -4.87	38.58 3.32 -3.05	44.16 3.60 -4.24	39.89 3.55 -0.84	37.46 3.10 -3.05	33.97 3.01 -2.54	32.91 3.05 -1.83	32.31 2.70 -3.84
GLENWOOD___5 23614	27.56 1.83 -2.63	23.82 1.51 -0.10	22.80 1.41 0.00	22.76 1.41 0.00	23.08 1.43 0.00	23.68 1.40 0.00	25.73 1.81 -0.45	29.87 2.20 -3.81	31.45 2.26 -5.17	30.35 2.26 -4.60	27.46 2.46 -0.35	26.57 2.26 -0.49	26.24 2.06 -1.00	25.79 1.99 -0.70	28.01 2.16 -2.68	31.58 2.26 -6.23	32.87 2.64 -4.87	38.58 3.32 -3.05	44.16 3.60 -4.24	39.89 3.55 -0.84	37.46 3.10 -3.05	33.97 3.01 -2.54	32.91 3.05 -1.83	32.31 2.70 -3.84
GLOBAL GREEN_PORT_GT1 23814	28.35 2.61 -2.63	24.64 2.33 -0.10	23.61 2.22 0.00	23.57 2.22 0.00	23.90 2.25 0.00	24.48 2.21 0.00	26.65 2.72 -0.45	30.59 3.03 -3.69	32.20 3.03 -5.15	31.13 3.08 -4.56	28.10 3.30 -0.15	26.92 3.00 -0.10	26.57 2.85 -0.54	26.00 2.75 -0.15	28.65 2.87 -2.60	32.35 3.02 -6.23	33.73 3.50 -4.87	39.90 4.64 -3.05	45.73 5.16 -4.24	41.42 5.08 -0.84	38.75 4.38 -3.05	34.90 3.95 -2.54	33.69 3.84 -1.83	33.11 3.50 -3.84
GLOBE___DSASP 323697	20.84 -2.26 0.00	20.10 -2.11 0.00	19.33 -2.05 0.00	19.21 -2.13 0.00	19.66 -1.99 0.00	20.29 -1.98 0.00	21.58 -1.90 0.00	21.36 -2.51 0.00	21.57 -2.45 0.00	21.26 -2.23 0.00	22.28 -2.37 0.00	21.67 -2.14 0.00	20.77 -2.41 0.00	20.59 -2.52 0.00	20.49 -2.69 0.00	20.46 -2.63 0.00	22.34 -3.02 0.00	29.03 -3.19 0.00	32.73 -3.60 0.00	31.88 -3.62 0.00	28.44 -3.35 -0.48	25.78 -2.96 -0.32	25.39 -2.63 0.00	23.80 -1.96 0.00
GOETHSLN___LBMP 323567	24.42 1.32 0.00	23.19 0.98 0.00	22.31 0.92 0.00	22.27 0.92 0.00	22.56 0.91 0.00	23.14 0.87 0.00	24.72 1.24 0.00	25.52 1.65 0.00	25.73 1.71 0.00	25.28 1.79 0.00	26.64 2.00 0.00	25.65 1.83 0.00	24.82 1.65 0.00	24.68 1.57 0.00	24.93 1.74 -0.02	24.92 1.82 0.00	27.51 2.13 -0.02	34.99 2.77 0.00	39.20 2.87 0.00	38.38 2.88 0.00	36.87 2.51 -3.05	32.84 2.39 -2.03	30.46 2.44 0.00	27.90 2.14 0.00
GOLAH___69_KV_TB 1_2 80279	21.97 -1.13 0.00	21.14 -1.07 0.00	20.40 -0.98 0.00	20.28 -1.07 0.00	20.70 -0.95 0.00	21.38 -0.89 0.00	22.75 -0.73 0.00	22.79 -1.07 0.00	23.01 -1.01 0.00	22.63 -0.87 0.00	23.76 -0.89 0.00	23.03 -0.79 0.00	22.11 -1.07 0.00	21.93 -1.18 0.00	21.86 -1.32 0.00	21.85 -1.25 0.00	23.94 -1.42 0.00	31.02 -1.19 0.00	35.09 -1.24 0.00	34.19 -1.31 0.00	30.55 -1.19 -0.42	27.62 -1.08 -0.28	26.90 -1.12 0.00	25.06 -0.70 0.00
GOODYEAR_LAKE_HYD 323669	24.12 1.02 0.00	23.12 0.91 0.00	22.24 0.86 0.00	22.20 0.85 0.00	22.58 0.93 0.00	23.23 0.96 0.00	24.70 1.22 0.00	25.25 1.38 0.00	25.39 1.37 0.00	24.81 1.32 0.00	26.05 1.40 0.00	25.10 1.29 0.00	24.22 1.04 0.00	24.05 0.95 0.00	24.17 1.00 0.00	24.20 1.11 0.00	26.75 1.39 0.00	34.41 2.19 0.00	38.87 2.54 0.00	37.92 2.41 0.00	34.34 2.04 -0.99	30.90 1.82 -0.66	29.85 1.82 0.00	27.46 1.70 0.00



GOUDEY___1 345031	23.24 0.14 0.00	22.30 0.09 0.00	21.47 0.09 0.00	21.41 0.06 0.00	21.80 0.15 0.00	22.45 0.18 0.00	23.83 0.35 0.00	24.20 0.33 0.00	24.36 0.34 0.00	23.85 0.35 0.00	25.01 0.37 0.00	24.17 0.36 0.00	23.34 0.16 0.00	23.17 0.07 0.00	23.22 0.05 0.00	23.23 0.14 0.00	25.56 0.20 0.00	32.83 0.61 0.00	37.06 0.73 0.00	36.14 0.64 0.00	32.64 0.28 -1.04	29.42 0.31 -0.69	28.56 0.53 0.00	26.38 0.62 0.00
GOUDEY___7 23579	23.27 0.16 0.00	22.32 0.11 0.00	21.49 0.11 0.00	21.43 0.09 0.00	21.82 0.17 0.00	22.48 0.20 0.00	23.85 0.38 0.00	24.23 0.36 0.00	24.38 0.36 0.00	23.87 0.38 0.00	25.04 0.39 0.00	24.20 0.38 0.00	23.36 0.19 0.00	23.20 0.09 0.00	23.25 0.07 0.00	23.26 0.16 0.00	25.59 0.23 0.00	32.86 0.64 0.00	37.09 0.76 0.00	36.18 0.67 0.00	32.67 0.31 -1.04	29.45 0.34 -0.69	28.59 0.56 0.00	26.40 0.64 0.00
GOUDEY___8 23580	23.24 0.14 0.00	22.30 0.09 0.00	21.47 0.09 0.00	21.41 0.06 0.00	21.80 0.15 0.00	22.45 0.18 0.00	23.83 0.35 0.00	24.20 0.33 0.00	24.36 0.34 0.00	23.85 0.35 0.00	25.01 0.37 0.00	24.17 0.36 0.00	23.34 0.16 0.00	23.17 0.07 0.00	23.22 0.05 0.00	23.23 0.14 0.00	25.56 0.20 0.00	32.83 0.61 0.00	37.06 0.73 0.00	36.14 0.64 0.00	32.64 0.28 -1.04	29.42 0.31 -0.69	28.56 0.53 0.00	26.38 0.62 0.00
GOWANUS_GT1_1 24077	24.75 1.64 0.00	23.52 1.31 0.00	22.63 1.24 0.00	22.59 1.24 0.00	22.88 1.23 0.00	23.41 1.14 0.00	24.91 1.43 0.00	25.68 1.81 0.00	25.90 1.87 0.00	25.45 1.95 0.00	53.69 2.17 -26.88	57.05 2.02 -31.21	74.78 1.81 -49.80	61.50 1.76 -36.64	25.12 1.92 -0.02	25.10 2.01 0.00	27.73 2.36 -0.02	44.55 3.03 -9.31	39.56 3.23 0.00	38.70 3.20 0.00	49.83 2.79 -15.73	34.04 2.64 -2.98	30.86 2.77 -0.06	43.28 2.34 -15.18
GOWANUS_GT1_2 24078	24.75 1.64 0.00	23.52 1.31 0.00	22.63 1.24 0.00	22.59 1.24 0.00	22.88 1.23 0.00	23.41 1.14 0.00	24.91 1.43 0.00	25.68 1.81 0.00	25.90 1.87 0.00	25.45 1.95 0.00	53.69 2.17 -26.88	57.05 2.02 -31.21	74.78 1.81 -49.80	61.50 1.76 -36.64	25.12 1.92 -0.02	25.10 2.01 0.00	27.73 2.36 -0.02	44.55 3.03 -9.31	39.56 3.23 0.00	38.70 3.20 0.00	49.83 2.79 -15.73	34.04 2.64 -2.98	30.86 2.77 -0.06	43.28 2.34 -15.18
GOWANUS_GT1_3 24079	24.75 1.64 0.00	23.52 1.31 0.00	22.63 1.24 0.00	22.59 1.24 0.00	22.88 1.23 0.00	23.41 1.14 0.00	24.91 1.43 0.00	25.68 1.81 0.00	25.90 1.87 0.00	25.45 1.95 0.00	53.69 2.17 -26.88	57.05 2.02 -31.21	74.78 1.81 -49.80	61.50 1.76 -36.64	25.12 1.92 -0.02	25.10 2.01 0.00	27.73 2.36 -0.02	44.55 3.03 -9.31	39.56 3.23 0.00	38.70 3.20 0.00	49.83 2.79 -15.73	34.04 2.64 -2.98	30.86 2.77 -0.06	43.28 2.34 -15.18
GOWANUS_GT1_4 24080	24.75 1.64 0.00	23.52 1.31 0.00	22.63 1.24 0.00	22.59 1.24 0.00	22.88 1.23 0.00	23.41 1.14 0.00	24.91 1.43 0.00	25.68 1.81 0.00	25.90 1.87 0.00	25.45 1.95 0.00	53.69 2.17 -26.88	57.05 2.02 -31.21	74.78 1.81 -49.80	61.50 1.76 -36.64	25.12 1.92 -0.02	25.10 2.01 0.00	27.73 2.36 -0.02	44.55 3.03 -9.31	39.56 3.23 0.00	38.70 3.20 0.00	49.83 2.79 -15.73	34.04 2.64 -2.98	30.86 2.77 -0.06	43.28 2.34 -15.18
GOWANUS_GT1_5 24084	24.75 1.64 0.00	23.52 1.31 0.00	22.63 1.24 0.00	22.59 1.24 0.00	22.88 1.23 0.00	23.41 1.14 0.00	24.91 1.43 0.00	25.68 1.81 0.00	25.90 1.87 0.00	25.45 1.95 0.00	53.69 2.17 -26.88	57.05 2.02 -31.21	74.78 1.81 -49.80	61.50 1.76 -36.64	25.12 1.92 -0.02	25.10 2.01 0.00	27.73 2.36 -0.02	44.55 3.03 -9.31	39.56 3.23 0.00	38.70 3.20 0.00	49.83 2.79 -15.73	34.04 2.64 -2.98	30.86 2.77 -0.06	43.28 2.34 -15.18
GOWANUS_GT1_6 24111	24.75 1.64 0.00	23.52 1.31 0.00	22.63 1.24 0.00	22.59 1.24 0.00	22.88 1.23 0.00	23.41 1.14 0.00	24.91 1.43 0.00	25.68 1.81 0.00	25.90 1.87 0.00	25.45 1.95 0.00	53.69 2.17 -26.88	57.05 2.02 -31.21	74.78 1.81 -49.80	61.50 1.76 -36.64	25.12 1.92 -0.02	25.10 2.01 0.00	27.73 2.36 -0.02	44.55 3.03 -9.31	39.56 3.23 0.00	38.70 3.20 0.00	49.83 2.79 -15.73	34.04 2.64 -2.98	30.86 2.77 -0.06	43.28 2.34 -15.18
GOWANUS_GT1_7 24112	24.75 1.64 0.00	23.52 1.31 0.00	22.63 1.24 0.00	22.59 1.24 0.00	22.88 1.23 0.00	23.41 1.14 0.00	24.91 1.43 0.00	25.68 1.81 0.00	25.90 1.87 0.00	25.45 1.95 0.00	53.69 2.17 -26.88	57.05 2.02 -31.21	74.78 1.81 -49.80	61.50 1.76 -36.64	25.12 1.92 -0.02	25.10 2.01 0.00	27.73 2.36 -0.02	44.55 3.03 -9.31	39.56 3.23 0.00	38.70 3.20 0.00	49.83 2.79 -15.73	34.04 2.64 -2.98	30.86 2.77 -0.06	43.28 2.34 -15.18
GOWANUS_GT1_8 24113	24.75 1.64 0.00	23.52 1.31 0.00	22.63 1.24 0.00	22.59 1.24 0.00	22.88 1.23 0.00	23.41 1.14 0.00	24.91 1.43 0.00	25.68 1.81 0.00	25.90 1.87 0.00	25.45 1.95 0.00	53.69 2.17 -26.88	57.05 2.02 -31.21	74.78 1.81 -49.80	61.50 1.76 -36.64	25.12 1.92 -0.02	25.10 2.01 0.00	27.73 2.36 -0.02	44.55 3.03 -9.31	39.56 3.23 0.00	38.70 3.20 0.00	49.83 2.79 -15.73	34.04 2.64 -2.98	30.86 2.77 -0.06	43.28 2.34 -15.18
GOWANUS_GT2_1 24114	24.75 1.64 -0.01	23.53 1.31 -0.01	22.63 1.24 -0.01	22.59 1.24 -0.01	22.89 1.23 -0.01	23.41 1.14 0.00	24.91 1.43 0.00	25.66 1.79 0.00	25.90 1.88 0.00	25.44 1.95 0.00	53.69 2.17 -26.88	57.05 2.02 -31.21	74.78 1.81 -49.80	61.50 1.76 -36.64	25.11 1.92 -0.02	25.10 2.01 0.00	27.73 2.36 -0.02	44.55 3.03 -9.31	39.56 3.23 0.00	38.70 3.20 0.00	49.83 2.79 -15.73	34.04 2.64 -2.98	30.66 2.58 -0.06	43.28 2.34 -15.18
GOWANUS_GT2_2 24115	24.75 1.64 -0.01	23.53 1.31 -0.01	22.63 1.24 -0.01	22.59 1.24 -0.01	22.89 1.23 -0.01	23.41 1.14 0.00	24.91 1.43 0.00	25.66 1.79 0.00	25.90 1.88 0.00	25.44 1.95 0.00	53.69 2.17 -26.88	57.05 2.02 -31.21	74.78 1.81 -49.80	61.50 1.76 -36.64	25.11 1.92 -0.02	25.10 2.01 0.00	27.73 2.36 -0.02	44.55 3.03 -9.31	39.56 3.23 0.00	38.70 3.20 0.00	49.83 2.79 -15.73	34.04 2.64 -2.98	30.66 2.58 -0.06	43.28 2.34 -15.18
GOWANUS_GT2_3 24116	24.75 1.64 -0.01	23.53 1.31 -0.01	22.63 1.24 -0.01	22.59 1.24 -0.01	22.89 1.23 -0.01	23.41 1.14 0.00	24.91 1.43 0.00	25.66 1.79 0.00	25.90 1.88 0.00	25.44 1.95 0.00	53.69 2.17 -26.88	57.05 2.02 -31.21	74.78 1.81 -49.80	61.50 1.76 -36.64	25.11 1.92 -0.02	25.10 2.01 0.00	27.73 2.36 -0.02	44.55 3.03 -9.31	39.56 3.23 0.00	38.70 3.20 0.00	49.83 2.79 -15.73	34.04 2.64 -2.98	30.66 2.58 -0.06	43.28 2.34 -15.18
GOWANUS_GT2_4 24117	24.75 1.64 -0.01	23.53 1.31 -0.01	22.63 1.24 -0.01	22.59 1.24 -0.01	22.89 1.23 -0.01	23.41 1.14 0.00	24.91 1.43 0.00	25.66 1.79 0.00	25.90 1.88 0.00	25.44 1.95 0.00	53.69 2.17 -26.88	57.05 2.02 -31.21	74.78 1.81 -49.80	61.50 1.76 -36.64	25.11 1.92 -0.02	25.10 2.01 0.00	27.73 2.36 -0.02	44.55 3.03 -9.31	39.56 3.23 0.00	38.70 3.20 0.00	49.83 2.79 -15.73	34.04 2.64 -2.98	30.66 2.58 -0.06	43.28 2.34 -15.18



GOWANUS_GT2_5 24118	24.75 1.64 -0.01	23.53 1.31 -0.01	22.63 1.24 -0.01	22.59 1.24 -0.01	22.89 1.23 -0.01	23.41 1.14 0.00	24.91 1.43 0.00	25.66 1.79 0.00	25.90 1.88 0.00	25.44 1.95 0.00	53.69 2.17 -26.88	57.05 2.02 -31.21	74.78 1.81 -49.80	61.50 1.76 -36.64	25.11 1.92 -0.02	25.10 2.01 0.00	27.73 2.36 -0.02	44.55 3.03 -9.31	39.56 3.23 0.00	38.70 3.20 0.00	49.83 2.79 -15.73	34.04 2.64 -2.98	30.66 2.58 -0.06	43.28 2.34 -15.18
GOWANUS_GT2_6 24119	24.75 1.64 -0.01	23.53 1.31 -0.01	22.63 1.24 -0.01	22.59 1.24 -0.01	22.89 1.23 -0.01	23.41 1.14 0.00	24.91 1.43 0.00	25.66 1.79 0.00	25.90 1.88 0.00	25.44 1.95 0.00	53.69 2.17 -26.88	57.05 2.02 -31.21	74.78 1.81 -49.80	61.50 1.76 -36.64	25.11 1.92 -0.02	25.10 2.01 0.00	27.73 2.36 -0.02	44.55 3.03 -9.31	39.56 3.23 0.00	38.70 3.20 0.00	49.83 2.79 -15.73	34.04 2.64 -2.98	30.66 2.58 -0.06	43.28 2.34 -15.18
GOWANUS_GT2_7 24120	24.75 1.64 -0.01	23.53 1.31 -0.01	22.63 1.24 -0.01	22.59 1.24 -0.01	22.89 1.23 -0.01	23.41 1.14 0.00	24.91 1.43 0.00	25.66 1.79 0.00	25.90 1.88 0.00	25.44 1.95 0.00	53.69 2.17 -26.88	57.05 2.02 -31.21	74.78 1.81 -49.80	61.50 1.76 -36.64	25.11 1.92 -0.02	25.10 2.01 0.00	27.73 2.36 -0.02	44.55 3.03 -9.31	39.56 3.23 0.00	38.70 3.20 0.00	49.83 2.79 -15.73	34.04 2.64 -2.98	30.66 2.58 -0.06	43.28 2.34 -15.18
GOWANUS_GT2_8 24121	24.75 1.64 -0.01	23.53 1.31 -0.01	22.63 1.24 -0.01	22.59 1.24 -0.01	22.89 1.23 -0.01	23.41 1.14 0.00	24.91 1.43 0.00	25.66 1.79 0.00	25.90 1.88 0.00	25.44 1.95 0.00	53.69 2.17 -26.88	57.05 2.02 -31.21	74.78 1.81 -49.80	61.50 1.76 -36.64	25.11 1.92 -0.02	25.10 2.01 0.00	27.73 2.36 -0.02	44.55 3.03 -9.31	39.56 3.23 0.00	38.70 3.20 0.00	49.83 2.79 -15.73	34.04 2.64 -2.98	30.66 2.58 -0.06	43.28 2.34 -15.18
GOWANUS_GT3_1 24122	24.75 1.64 -0.01	23.53 1.31 -0.01	22.63 1.24 -0.01	22.59 1.24 -0.01	22.89 1.23 -0.01	23.41 1.14 0.00	24.91 1.43 0.00	25.66 1.79 0.00	25.90 1.88 0.00	25.44 1.95 0.00	53.69 2.17 -26.88	57.05 2.02 -31.21	74.78 1.81 -49.80	61.50 1.76 -36.64	25.11 1.92 -0.02	25.10 2.01 0.00	27.73 2.36 -0.02	44.55 3.03 -9.31	39.56 3.23 0.00	38.70 3.20 0.00	49.83 2.79 -15.73	34.04 2.64 -2.98	30.66 2.58 -0.06	43.28 2.34 -15.18
GOWANUS_GT3_2 24123	24.75 1.64 -0.01	23.53 1.31 -0.01	22.63 1.24 -0.01	22.59 1.24 -0.01	22.89 1.23 -0.01	23.41 1.14 0.00	24.91 1.43 0.00	25.66 1.79 0.00	25.90 1.88 0.00	25.44 1.95 0.00	53.69 2.17 -26.88	57.05 2.02 -31.21	74.78 1.81 -49.80	61.50 1.76 -36.64	25.11 1.92 -0.02	25.10 2.01 0.00	27.73 2.36 -0.02	44.55 3.03 -9.31	39.56 3.23 0.00	38.70 3.20 0.00	49.83 2.79 -15.73	34.04 2.64 -2.98	30.66 2.58 -0.06	43.28 2.34 -15.18
GOWANUS_GT3_3 24124	24.75 1.64 -0.01	23.53 1.31 -0.01	22.63 1.24 -0.01	22.59 1.24 -0.01	22.89 1.23 -0.01	23.41 1.14 0.00	24.91 1.43 0.00	25.66 1.79 0.00	25.90 1.88 0.00	25.44 1.95 0.00	53.69 2.17 -26.88	57.05 2.02 -31.21	74.78 1.81 -49.80	61.50 1.76 -36.64	25.11 1.92 -0.02	25.10 2.01 0.00	27.73 2.36 -0.02	44.55 3.03 -9.31	39.56 3.23 0.00	38.70 3.20 0.00	49.83 2.79 -15.73	34.04 2.64 -2.98	30.66 2.58 -0.06	43.28 2.34 -15.18
GOWANUS_GT3_4 24125	24.75 1.64 -0.01	23.53 1.31 -0.01	22.63 1.24 -0.01	22.59 1.24 -0.01	22.89 1.23 -0.01	23.41 1.14 0.00	24.91 1.43 0.00	25.66 1.79 0.00	25.90 1.88 0.00	25.44 1.95 0.00	53.69 2.17 -26.88	57.05 2.02 -31.21	74.78 1.81 -49.80	61.50 1.76 -36.64	25.11 1.92 -0.02	25.10 2.01 0.00	27.73 2.36 -0.02	44.55 3.03 -9.31	39.56 3.23 0.00	38.70 3.20 0.00	49.83 2.79 -15.73	34.04 2.64 -2.98	30.66 2.58 -0.06	43.28 2.34 -15.18
GOWANUS_GT3_5 24126	24.75 1.64 -0.01	23.53 1.31 -0.01	22.63 1.24 -0.01	22.59 1.24 -0.01	22.89 1.23 -0.01	23.41 1.14 0.00	24.91 1.43 0.00	25.66 1.79 0.00	25.90 1.88 0.00	25.44 1.95 0.00	53.69 2.17 -26.88	57.05 2.02 -31.21	74.78 1.81 -49.80	61.50 1.76 -36.64	25.11 1.92 -0.02	25.10 2.01 0.00	27.73 2.36 -0.02	44.55 3.03 -9.31	39.56 3.23 0.00	38.70 3.20 0.00	49.83 2.79 -15.73	34.04 2.64 -2.98	30.66 2.58 -0.06	43.28 2.34 -15.18
GOWANUS_GT3_6 24127	24.75 1.64 -0.01	23.53 1.31 -0.01	22.63 1.24 -0.01	22.59 1.24 -0.01	22.89 1.23 -0.01	23.41 1.14 0.00	24.91 1.43 0.00	25.66 1.79 0.00	25.90 1.88 0.00	25.44 1.95 0.00	53.69 2.17 -26.88	57.05 2.02 -31.21	74.78 1.81 -49.80	61.50 1.76 -36.64	25.11 1.92 -0.02	25.10 2.01 0.00	27.73 2.36 -0.02	44.55 3.03 -9.31	39.56 3.23 0.00	38.70 3.20 0.00	49.83 2.79 -15.73	34.04 2.64 -2.98	30.66 2.58 -0.06	43.28 2.34 -15.18
GOWANUS_GT3_7 24128	24.75 1.64 -0.01	23.53 1.31 -0.01	22.63 1.24 -0.01	22.59 1.24 -0.01	22.89 1.23 -0.01	23.41 1.14 0.00	24.91 1.43 0.00	25.66 1.79 0.00	25.90 1.88 0.00	25.44 1.95 0.00	53.69 2.17 -26.88	57.05 2.02 -31.21	74.78 1.81 -49.80	61.50 1.76 -36.64	25.11 1.92 -0.02	25.10 2.01 0.00	27.73 2.36 -0.02	44.55 3.03 -9.31	39.56 3.23 0.00	38.70 3.20 0.00	49.83 2.79 -15.73	34.04 2.64 -2.98	30.66 2.58 -0.06	43.28 2.34 -15.18
GOWANUS_GT3_8 24129	24.75 1.64 -0.01	23.53 1.31 -0.01	22.63 1.24 -0.01	22.59 1.24 -0.01	22.89 1.23 -0.01	23.41 1.14 0.00	24.91 1.43 0.00	25.66 1.79 0.00	25.90 1.88 0.00	25.44 1.95 0.00	53.69 2.17 -26.88	57.05 2.02 -31.21	74.78 1.81 -49.80	61.50 1.76 -36.64	25.11 1.92 -0.02	25.10 2.01 0.00	27.73 2.36 -0.02	44.55 3.03 -9.31	39.56 3.23 0.00	38.70 3.20 0.00	49.83 2.79 -15.73	34.04 2.64 -2.98	30.66 2.58 -0.06	43.28 2.34 -15.18
GOWANUS_GT4_1 24130	24.75 1.64 0.00	23.52 1.31 0.00	22.63 1.24 0.00	22.59 1.24 0.00	22.88 1.23 0.00	23.41 1.14 0.00	24.91 1.43 0.00	25.68 1.81 0.00	25.90 1.87 0.00	25.45 1.95 0.00	53.69 2.17 -26.88	57.05 2.02 -31.21	74.78 1.81 -49.80	61.50 1.76 -36.64	25.12 1.92 -0.02	25.10 2.01 0.00	27.73 2.36 -0.02	44.55 3.03 -9.31	39.56 3.23 0.00	38.70 3.20 0.00	49.83 2.79 -15.73	34.04 2.64 -2.98	30.86 2.77 -0.06	43.28 2.34 -15.18
GOWANUS_GT4_2 24131	24.75 1.64 0.00	23.52 1.31 0.00	22.63 1.24 0.00	22.59 1.24 0.00	22.88 1.23 0.00	23.41 1.14 0.00	24.91 1.43 0.00	25.68 1.81 0.00	25.90 1.87 0.00	25.45 1.95 0.00	53.69 2.17 -26.88	57.05 2.02 -31.21	74.78 1.81 -49.80	61.50 1.76 -36.64	25.12 1.92 -0.02	25.10 2.01 0.00	27.73 2.36 -0.02	44.55 3.03 -9.31	39.56 3.23 0.00	38.70 3.20 0.00	49.83 2.79 -15.73	34.04 2.64 -2.98	30.86 2.77 -0.06	43.28 2.34 -15.18
GOWANUS_GT4_3 24132	24.75 1.64 0.00	23.52 1.31 0.00	22.63 1.24 0.00	22.59 1.24 0.00	22.88 1.23 0.00	23.41 1.14 0.00	24.91 1.43 0.00	25.68 1.81 0.00	25.90 1.87 0.00	25.45 1.95 0.00	53.69 2.17 -26.88	57.05 2.02 -31.21	74.78 1.81 -49.80	61.50 1.76 -36.64	25.12 1.92 -0.02	25.10 2.01 0.00	27.73 2.36 -0.02	44.55 3.03 -9.31	39.56 3.23 0.00	38.70 3.20 0.00	49.83 2.79 -15.73	34.04 2.64 -2.98	30.86 2.77 -0.06	43.28 2.34 -15.18



GOWANUS_GT4_4 24133	24.75 1.64 0.00	23.52 1.31 0.00	22.63 1.24 0.00	22.59 1.24 0.00	22.88 1.23 0.00	23.41 1.14 0.00	24.91 1.43 0.00	25.68 1.81 0.00	25.90 1.87 0.00	25.45 1.95 0.00	53.69 2.17 -26.88	57.05 2.02 -31.21	74.78 1.81 -49.80	61.50 1.76 -36.64	25.12 1.92 -0.02	25.10 2.01 0.00	27.73 2.36 -0.02	44.55 3.03 -9.31	39.56 3.23 0.00	38.70 3.20 0.00	49.83 2.79 -15.73	34.04 2.64 -2.98	30.86 2.77 -0.06	43.28 2.34 -15.18
GOWANUS_GT4_5 24134	24.75 1.64 0.00	23.52 1.31 0.00	22.63 1.24 0.00	22.59 1.24 0.00	22.88 1.23 0.00	23.41 1.14 0.00	24.91 1.43 0.00	25.68 1.81 0.00	25.90 1.87 0.00	25.45 1.95 0.00	53.69 2.17 -26.88	57.05 2.02 -31.21	74.78 1.81 -49.80	61.50 1.76 -36.64	25.12 1.92 -0.02	25.10 2.01 0.00	27.73 2.36 -0.02	44.55 3.03 -9.31	39.56 3.23 0.00	38.70 3.20 0.00	49.83 2.79 -15.73	34.04 2.64 -2.98	30.86 2.77 -0.06	43.28 2.34 -15.18
GOWANUS_GT4_6 24135	24.75 1.64 0.00	23.52 1.31 0.00	22.63 1.24 0.00	22.59 1.24 0.00	22.88 1.23 0.00	23.41 1.14 0.00	24.91 1.43 0.00	25.68 1.81 0.00	25.90 1.87 0.00	25.45 1.95 0.00	53.69 2.17 -26.88	57.05 2.02 -31.21	74.78 1.81 -49.80	61.50 1.76 -36.64	25.12 1.92 -0.02	25.10 2.01 0.00	27.73 2.36 -0.02	44.55 3.03 -9.31	39.56 3.23 0.00	38.70 3.20 0.00	49.83 2.79 -15.73	34.04 2.64 -2.98	30.86 2.77 -0.06	43.28 2.34 -15.18
GOWANUS_GT4_7 24136	24.75 1.64 0.00	23.52 1.31 0.00	22.63 1.24 0.00	22.59 1.24 0.00	22.88 1.23 0.00	23.41 1.14 0.00	24.91 1.43 0.00	25.68 1.81 0.00	25.90 1.87 0.00	25.45 1.95 0.00	53.69 2.17 -26.88	57.05 2.02 -31.21	74.78 1.81 -49.80	61.50 1.76 -36.64	25.12 1.92 -0.02	25.10 2.01 0.00	27.73 2.36 -0.02	44.55 3.03 -9.31	39.56 3.23 0.00	38.70 3.20 0.00	49.83 2.79 -15.73	34.04 2.64 -2.98	30.86 2.77 -0.06	43.28 2.34 -15.18
GOWANUS_GT4_8 24137	24.75 1.64 0.00	23.52 1.31 0.00	22.63 1.24 0.00	22.59 1.24 0.00	22.88 1.23 0.00	23.41 1.14 0.00	24.91 1.43 0.00	25.68 1.81 0.00	25.90 1.87 0.00	25.45 1.95 0.00	53.69 2.17 -26.88	57.05 2.02 -31.21	74.78 1.81 -49.80	61.50 1.76 -36.64	25.12 1.92 -0.02	25.10 2.01 0.00	27.73 2.36 -0.02	44.55 3.03 -9.31	39.56 3.23 0.00	38.70 3.20 0.00	49.83 2.79 -15.73	34.04 2.64 -2.98	30.86 2.77 -0.06	43.28 2.34 -15.18
GREENBSH_115KV_TB3 55895	23.61 0.51 0.00	22.54 0.33 0.00	21.69 0.30 0.00	21.67 0.32 0.00	21.93 0.28 0.00	22.54 0.27 0.00	23.95 0.47 0.00	24.49 0.62 0.00	24.65 0.62 0.00	24.06 0.56 0.00	25.36 0.71 0.00	24.46 0.64 0.00	23.73 0.56 0.00	23.61 0.51 0.00	23.83 0.65 0.00	23.86 0.76 0.00	26.25 0.89 0.00	33.47 1.26 0.00	37.71 1.38 0.00	36.89 1.38 0.00	36.23 1.16 -3.76	31.97 1.05 -2.50	29.09 1.06 0.00	26.69 0.93 0.00
GREENDGE_115KV_TB5 80291	23.31 0.21 0.00	22.39 0.18 0.00	21.56 0.17 0.00	21.50 0.15 0.00	21.93 0.28 0.00	22.59 0.31 0.00	24.07 0.59 0.00	24.37 0.50 0.00	24.53 0.50 0.00	24.01 0.52 0.00	25.16 0.52 0.00	24.29 0.48 0.00	23.41 0.23 0.00	23.20 0.09 0.00	23.22 0.05 0.00	23.26 0.16 0.00	25.64 0.28 0.00	32.92 0.71 0.00	37.27 0.94 0.00	36.35 0.85 0.00	32.47 0.47 -0.68	29.50 0.63 -0.46	28.78 0.76 0.00	26.61 0.85 0.00
GREENIDGE___3 23582	23.31 0.21 0.00	22.39 0.18 0.00	21.56 0.17 0.00	21.50 0.15 0.00	21.93 0.28 0.00	22.59 0.31 0.00	24.07 0.59 0.00	24.37 0.50 0.00	24.53 0.50 0.00	24.01 0.52 0.00	25.16 0.52 0.00	24.29 0.48 0.00	23.41 0.23 0.00	23.20 0.09 0.00	23.22 0.05 0.00	23.26 0.16 0.00	25.64 0.28 0.00	32.92 0.71 0.00	37.27 0.94 0.00	36.35 0.85 0.00	32.47 0.47 -0.68	29.50 0.63 -0.46	28.78 0.76 0.00	26.61 0.85 0.00
GREENIDGE___4 23583	23.31 0.21 0.00	22.39 0.18 0.00	21.56 0.17 0.00	21.50 0.15 0.00	21.93 0.28 0.00	22.59 0.31 0.00	24.07 0.59 0.00	24.37 0.50 0.00	24.53 0.51 0.00	24.01 0.52 0.00	25.16 0.52 0.00	24.29 0.48 0.00	23.41 0.23 0.00	23.20 0.09 0.00	23.22 0.05 0.00	23.26 0.16 0.00	25.64 0.28 0.00	32.92 0.71 0.00	37.27 0.94 0.00	36.35 0.85 0.00	32.47 0.47 -0.68	29.58 0.71 -0.46	28.78 0.76 0.00	26.61 0.85 0.00
GREENLWN_69_KV_BK 3 55738	27.54 1.80 -2.63	23.82 1.51 -0.10	22.80 1.41 0.00	22.76 1.41 0.00	23.06 1.41 0.00	23.68 1.40 0.00	25.73 1.81 -0.45	29.74 2.17 -3.70	31.38 2.21 -5.15	30.29 2.23 -4.56	27.25 2.44 -0.16	26.18 2.24 -0.12	25.80 2.06 -0.56	25.25 1.96 -0.18	27.92 2.13 -2.61	31.56 2.24 -6.23	32.84 2.61 -4.87	38.71 3.45 -3.05	44.35 3.78 -4.24	40.07 3.73 -0.84	37.59 3.23 -3.05	33.91 2.96 -2.54	32.85 3.00 -1.83	32.26 2.65 -3.84
GREENWD_138_KV_38B11_REV_LBMP_J 345004	24.75 1.64 0.00	23.52 1.31 0.00	22.63 1.24 0.00	22.59 1.24 0.00	22.88 1.23 0.00	23.41 1.14 0.00	24.91 1.43 0.00	25.68 1.81 0.00	25.90 1.87 0.00	25.45 1.95 0.00	53.69 2.17 -26.88	57.05 2.02 -31.21	74.78 1.81 -49.80	61.50 1.76 -36.64	25.12 1.92 -0.02	25.10 2.01 0.00	27.73 2.36 -0.02	44.55 3.03 -9.31	39.56 3.23 0.00	38.70 3.20 0.00	49.83 2.79 -15.73	34.04 2.64 -2.98	30.86 2.77 -0.06	43.28 2.34 -15.18
GRISSOM___SOLAR 323813	25.39 2.29 0.00	24.28 2.07 0.00	23.35 1.97 0.00	23.29 1.94 0.00	23.62 1.97 0.00	24.39 2.12 0.00	26.01 2.54 0.00	26.61 2.74 0.00	26.74 2.71 0.00	25.80 2.30 0.00	27.01 2.37 0.00	25.89 2.07 0.00	24.94 1.76 0.00	24.77 1.66 0.00	24.96 1.78 0.00	25.24 2.15 0.00	28.38 3.02 0.00	36.63 4.41 0.00	41.56 5.23 0.00	40.76 5.25 0.00	40.03 4.44 -4.27	35.27 4.01 -2.84	32.00 3.98 0.00	29.26 3.50 0.00
GROVEVILLE___HYD 323602	24.63 1.52 0.00	23.45 1.24 0.00	22.56 1.18 0.00	22.52 1.17 0.00	22.77 1.13 0.00	23.39 1.11 0.00	24.96 1.48 0.00	25.63 1.77 0.00	25.80 1.78 0.00	25.23 1.74 0.00	26.52 1.87 0.00	25.51 1.69 0.00	24.64 1.46 0.00	24.49 1.39 0.00	24.73 1.55 0.00	24.78 1.69 0.00	27.44 2.08 0.00	35.08 2.87 0.00	39.53 3.20 0.00	38.66 3.16 0.00	37.13 2.76 -3.06	32.90 2.44 -2.04	30.55 2.52 0.00	27.98 2.22 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	22.76 -0.35 0.00	21.86 -0.36 0.00	21.04 -0.34 0.00	20.99 -0.36 0.00	21.35 -0.30 0.00	21.99 -0.29 0.00	23.27 -0.21 0.00	23.65 -0.21 0.00	23.83 -0.19 0.00	23.33 -0.16 0.00	24.47 -0.17 0.00	23.63 -0.19 0.00	22.87 -0.30 0.00	22.71 -0.39 0.00	22.78 -0.39 0.00	22.77 -0.32 0.00	25.06 -0.30 0.00	32.05 -0.16 0.00	36.22 -0.11 0.00	35.32 -0.18 0.00	31.50 -0.19 -0.37	28.49 -0.17 -0.25	27.89 -0.14 0.00	25.68 -0.08 0.00
HAMLTNNY_34_KV_TB 80303	22.78 -0.32 0.00	21.88 -0.33 0.00	21.07 -0.32 0.00	21.01 -0.34 0.00	21.37 -0.28 0.00	22.01 -0.27 0.00	23.31 -0.16 0.00	23.70 -0.17 0.00	23.85 -0.17 0.00	23.35 -0.14 0.00	24.50 -0.15 0.00	23.67 -0.14 0.00	22.90 -0.28 0.00	22.74 -0.37 0.00	22.78 -0.39 0.00	22.79 -0.30 0.00	25.08 -0.28 0.00	32.15 -0.06 0.00	36.29 -0.04 0.00	35.43 -0.07 0.00	31.58 -0.13 -0.39	28.56 -0.11 -0.26	27.91 -0.11 0.00	25.73 -0.03 0.00



HAMPSHIRE___PAPER_HYD 323593	22.76 -0.35 0.00	21.92 -0.29 0.00	21.15 -0.23 0.00	21.16 -0.19 0.00	21.43 -0.22 0.00	22.12 -0.15 0.00	23.24 -0.23 0.00	23.58 -0.29 0.00	23.71 -0.31 0.00	23.14 -0.35 0.00	24.25 -0.40 0.00	23.39 -0.43 0.00	22.80 -0.37 0.00	22.76 -0.35 0.00	22.76 -0.42 0.00	22.65 -0.44 0.00	24.95 -0.41 0.00	31.86 -0.35 0.00	36.00 -0.33 0.00	35.11 -0.39 0.00	31.10 -0.31 -0.10	28.08 -0.40 -0.06	27.55 -0.48 0.00	25.37 -0.39 0.00
HARDSCRABBLE_WT_PWR 323673	23.54 0.44 0.00	22.61 0.40 0.00	21.75 0.36 0.00	21.71 0.36 0.00	22.04 0.39 0.00	22.68 0.40 0.00	23.97 0.49 0.00	24.39 0.52 0.00	24.58 0.55 0.00	24.06 0.56 0.00	25.26 0.62 0.00	24.41 0.60 0.00	23.66 0.49 0.00	23.54 0.44 0.00	23.62 0.44 0.00	23.58 0.49 0.00	25.92 0.56 0.00	33.05 0.84 0.00	37.27 0.94 0.00	36.46 0.96 0.00	32.22 0.91 0.00	29.38 0.97 0.00	29.03 1.01 0.00	26.76 1.00 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	24.31 1.20 0.00	23.17 0.96 0.00	22.28 0.90 0.00	22.25 0.90 0.00	22.54 0.89 0.00	23.14 0.87 0.00	24.68 1.20 0.00	25.37 1.50 0.00	25.54 1.51 0.00	25.00 1.50 0.00	26.29 1.65 0.00	25.32 1.50 0.00	24.47 1.30 0.00	24.35 1.25 0.00	24.57 1.39 0.00	24.60 1.50 0.00	27.13 1.78 0.00	34.66 2.45 0.00	38.98 2.65 0.00	38.13 2.63 0.00	36.51 2.32 -2.88	32.44 2.10 -1.92	30.18 2.16 0.00	27.64 1.88 0.00
HARSNRAD_115KV_TB1 81005	21.30 -1.80 0.00	20.54 -1.67 0.00	19.78 -1.60 0.00	19.66 -1.69 0.00	20.11 -1.54 0.00	20.76 -1.51 0.00	22.09 -1.39 0.00	21.89 -1.98 0.00	22.10 -1.92 0.00	21.78 -1.72 0.00	22.84 -1.80 0.00	22.22 -1.60 0.00	21.25 -1.92 0.00	21.09 -2.01 0.00	20.97 -2.20 0.00	20.95 -2.15 0.00	22.90 -2.46 0.00	29.80 -2.42 0.00	33.64 -2.69 0.00	32.77 -2.73 0.00	29.06 -2.72 -0.48	26.32 -2.42 -0.32	26.01 -2.02 0.00	24.42 -1.34 0.00
HARZA MOOSE___RIVER 24016	23.36 0.25 0.00	22.43 0.22 0.00	21.62 0.24 0.00	21.60 0.26 0.00	21.99 0.35 0.00	22.77 0.49 0.00	24.09 0.61 0.00	24.54 0.67 0.00	24.70 0.67 0.00	24.11 0.61 0.00	25.26 0.62 0.00	24.34 0.52 0.00	23.59 0.42 0.00	23.47 0.37 0.00	23.55 0.37 0.00	23.53 0.44 0.00	25.99 0.63 0.00	33.37 1.16 0.00	37.71 1.38 0.00	36.74 1.24 0.00	32.50 1.06 -0.12	29.38 0.88 -0.08	28.84 0.81 0.00	26.51 0.75 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	22.57 -0.53 0.00	21.68 -0.53 0.00	20.87 -0.51 0.00	20.81 -0.53 0.00	21.17 -0.48 0.00	21.81 -0.47 0.00	23.08 -0.40 0.00	23.46 -0.41 0.00	23.64 -0.38 0.00	23.14 -0.35 0.00	24.27 -0.37 0.00	23.44 -0.38 0.00	22.69 -0.49 0.00	22.55 -0.55 0.00	22.60 -0.58 0.00	22.59 -0.51 0.00	24.83 -0.53 0.00	31.73 -0.48 0.00	35.86 -0.47 0.00	34.97 -0.53 0.00	31.15 -0.50 -0.34	28.19 -0.45 -0.23	27.63 -0.39 0.00	25.48 -0.28 0.00
HELLGATE_13_KV_LD 55870	24.65 1.55 0.00	23.41 1.20 0.00	22.54 1.15 0.00	22.50 1.15 0.00	22.80 1.15 0.00	23.32 1.05 0.00	24.82 1.34 0.00	25.59 1.72 0.00	25.82 1.80 0.00	25.35 1.86 0.00	30.55 2.07 -3.84	30.20 1.93 -4.46	32.00 1.72 -7.11	30.00 1.66 -5.23	25.05 1.85 -0.02	25.03 1.94 0.00	27.63 2.26 -0.02	36.44 2.90 -1.33	39.42 3.09 0.00	38.56 3.05 0.00	38.84 2.66 -4.86	33.12 2.53 -2.17	30.67 2.63 -0.01	30.17 2.24 -2.17
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	24.65 1.55 0.00	23.41 1.20 0.00	22.54 1.15 0.00	22.50 1.15 0.00	22.80 1.15 0.00	23.32 1.05 0.00	24.82 1.34 0.00	25.59 1.72 0.00	25.82 1.80 0.00	25.35 1.86 0.00	30.55 2.07 -3.84	30.20 1.93 -4.46	32.00 1.72 -7.11	30.00 1.66 -5.23	25.05 1.85 -0.02	25.03 1.94 0.00	27.63 2.26 -0.02	36.44 2.90 -1.33	39.42 3.09 0.00	38.56 3.05 0.00	38.84 2.66 -4.86	33.12 2.53 -2.17	30.67 2.63 -0.01	30.17 2.24 -2.17
HEMPSTEAD____ 23647	27.49 1.76 -2.63	23.78 1.47 -0.10	22.76 1.37 0.00	22.72 1.37 0.00	23.01 1.36 0.00	23.61 1.34 0.00	25.66 1.74 -0.45	29.78 2.08 -3.83	31.33 2.14 -5.17	30.26 2.16 -4.61	27.39 2.37 -0.38	26.52 2.17 -0.53	26.19 1.97 -1.05	25.76 1.89 -0.76	27.93 2.06 -2.69	31.49 2.17 -6.23	32.74 2.51 -4.87	38.52 3.25 -3.05	44.13 3.56 -4.24	39.86 3.52 -0.84	37.44 3.07 -3.05	33.86 2.90 -2.54	32.74 2.89 -1.83	32.21 2.60 -3.85
HEWLETT__69_KV_BK3 55828	27.63 1.89 -2.63	23.91 1.60 -0.10	22.86 1.48 0.00	22.82 1.47 0.00	23.14 1.49 0.00	23.75 1.47 0.00	25.83 1.90 -0.45	30.32 2.22 -4.23	31.52 2.28 -5.21	30.51 2.28 -4.73	28.06 2.49 -0.93	27.70 2.29 -1.59	27.57 2.09 -2.30	27.39 2.01 -2.28	28.26 2.18 -2.91	31.63 2.31 -6.23	32.92 2.69 -4.87	38.84 3.58 -3.05	44.49 3.92 -4.24	40.21 3.87 -0.84	37.75 3.38 -3.05	34.05 3.10 -2.54	32.99 3.14 -1.83	32.39 2.78 -3.84
HICKLING___1 23621	23.43 0.32 0.00	22.48 0.27 0.00	21.66 0.28 0.00	21.58 0.23 0.00	22.06 0.41 0.00	22.72 0.45 0.00	24.18 0.70 0.00	24.47 0.60 0.00	24.62 0.60 0.00	24.13 0.63 0.00	25.31 0.67 0.00	24.44 0.62 0.00	23.52 0.35 0.00	23.34 0.23 0.00	23.34 0.16 0.00	23.35 0.25 0.00	25.71 0.36 0.00	33.18 0.97 0.00	37.53 1.20 0.00	36.57 1.07 0.00	32.61 0.44 -0.86	29.47 0.48 -0.57	28.89 0.87 0.00	26.79 1.03 0.00
HICKLING___2 23622	23.43 0.32 0.00	22.48 0.27 0.00	21.66 0.28 0.00	21.58 0.23 0.00	22.06 0.41 0.00	22.72 0.45 0.00	24.18 0.70 0.00	24.47 0.60 0.00	24.62 0.60 0.00	24.13 0.63 0.00	25.31 0.67 0.00	24.44 0.62 0.00	23.52 0.35 0.00	23.34 0.23 0.00	23.34 0.16 0.00	23.35 0.25 0.00	25.71 0.36 0.00	33.18 0.97 0.00	37.53 1.20 0.00	36.57 1.07 0.00	32.61 0.44 -0.86	29.47 0.48 -0.57	28.89 0.87 0.00	26.79 1.03 0.00
HIGH FALLS___HY 23754	24.56 1.46 0.00	23.39 1.18 0.00	22.50 1.11 0.00	22.46 1.11 0.00	22.75 1.10 0.00	23.34 1.07 0.00	24.93 1.46 0.00	25.61 1.74 0.00	25.75 1.73 0.00	25.19 1.69 0.00	26.42 1.77 0.00	25.44 1.62 0.00	24.54 1.37 0.00	24.40 1.29 0.00	24.61 1.44 0.00	24.69 1.59 0.00	27.34 1.98 0.00	35.02 2.80 0.00	39.45 3.12 0.00	38.56 3.05 0.00	37.04 2.69 -3.04	32.83 2.39 -2.02	30.49 2.47 0.00	27.92 2.16 0.00
HILLBURN___GT 23639	24.28 1.18 0.00	23.14 0.93 0.00	22.26 0.88 0.00	22.22 0.88 0.00	22.54 0.89 0.00	23.12 0.85 0.00	24.68 1.20 0.00	25.40 1.53 0.00	25.58 1.56 0.00	25.07 1.57 0.00	26.37 1.72 0.00	25.41 1.60 0.00	24.57 1.39 0.00	24.42 1.32 0.00	24.64 1.46 0.00	24.67 1.57 0.00	27.21 1.85 0.00	34.66 2.45 0.00	38.98 2.65 0.00	38.13 2.63 0.00	36.54 2.32 -2.91	32.52 2.16 -1.94	30.18 2.16 0.00	27.67 1.91 0.00
HILLSIDE_115KV_TB1 80332	23.06 -0.05 0.00	22.14 -0.07 0.00	21.32 -0.06 0.00	21.26 -0.09 0.00	21.69 0.04 0.00	22.34 0.07 0.00	23.78 0.31 0.00	24.04 0.17 0.00	24.19 0.17 0.00	23.73 0.23 0.00	24.89 0.25 0.00	24.05 0.24 0.00	23.15 -0.02 0.00	22.99 -0.12 0.00	22.99 -0.19 0.00	23.00 -0.09 0.00	25.28 -0.08 0.00	32.60 0.39 0.00	36.80 0.47 0.00	35.89 0.39 0.00	32.04 -0.16 -0.88	28.95 -0.06 -0.59	28.39 0.36 0.00	26.33 0.57 0.00



HISHELDN_WT_PWR 323625	21.51 -1.59 0.00	20.74 -1.47 0.00	19.95 -1.43 0.00	19.88 -1.47 0.00	20.31 -1.34 0.00	20.96 -1.31 0.00	22.35 -1.13 0.00	22.17 -1.69 0.00	22.37 -1.66 0.00	22.06 -1.43 0.00	23.14 -1.50 0.00	22.48 -1.33 0.00	21.53 -1.64 0.00	21.35 -1.76 0.00	21.21 -1.97 0.00	21.20 -1.89 0.00	23.18 -2.18 0.00	30.19 -2.03 0.00	34.11 -2.22 0.00	33.20 -2.31 0.00	29.24 -2.57 -0.50	26.68 -2.07 -0.33	26.40 -1.63 0.00	24.73 -1.03 0.00
HOLTSVILLE_IC_1 23690	27.70 1.96 -2.63	24.00 1.69 -0.10	22.97 1.58 0.00	22.93 1.58 0.00	23.25 1.60 0.00	23.83 1.56 0.00	25.92 1.99 -0.45	29.85 2.29 -3.69	31.46 2.28 -5.15	30.40 2.35 -4.56	27.36 2.56 -0.15	26.25 2.34 -0.10	25.89 2.18 -0.54	25.35 2.10 -0.15	28.03 2.25 -2.60	31.65 2.33 -6.23	32.92 2.69 -4.87	38.74 3.48 -3.05	44.35 3.78 -4.24	40.10 3.76 -0.84	37.65 3.29 -3.05	33.97 3.01 -2.54	32.85 3.00 -1.83	32.31 2.70 -3.84
HOLTSVILLE_IC_10 23699	27.79 2.06 -2.63	24.09 1.78 -0.10	23.06 1.67 0.00	23.02 1.67 0.00	23.34 1.69 0.00	23.92 1.65 0.00	26.04 2.11 -0.45	29.97 2.41 -3.69	31.58 2.40 -5.15	30.52 2.47 -4.56	27.49 2.69 -0.16	26.36 2.43 -0.11	26.02 2.29 -0.55	25.46 2.20 -0.16	28.12 2.34 -2.60	31.79 2.47 -6.23	33.07 2.84 -4.87	38.97 3.70 -3.05	44.64 4.07 -4.24	40.35 4.01 -0.84	37.87 3.51 -3.05	34.14 3.18 -2.54	33.02 3.17 -1.83	32.44 2.83 -3.84
HOLTSVILLE_IC_2 23691	27.70 1.96 -2.63	24.00 1.69 -0.10	22.97 1.58 0.00	22.93 1.58 0.00	23.25 1.60 0.00	23.83 1.56 0.00	25.92 1.99 -0.45	29.85 2.29 -3.69	31.46 2.28 -5.15	30.40 2.35 -4.56	27.36 2.56 -0.15	26.25 2.34 -0.10	25.89 2.18 -0.54	25.35 2.10 -0.15	28.03 2.25 -2.60	31.65 2.33 -6.23	32.92 2.69 -4.87	38.74 3.48 -3.05	44.35 3.78 -4.24	40.10 3.76 -0.84	37.65 3.29 -3.05	33.97 3.01 -2.54	32.85 3.00 -1.83	32.31 2.70 -3.84
HOLTSVILLE_IC_3 23692	27.70 1.96 -2.63	24.00 1.69 -0.10	22.97 1.58 0.00	22.93 1.58 0.00	23.25 1.60 0.00	23.83 1.56 0.00	25.92 1.99 -0.45	29.85 2.29 -3.69	31.46 2.28 -5.15	30.40 2.35 -4.56	27.36 2.56 -0.15	26.25 2.34 -0.10	25.89 2.18 -0.54	25.35 2.10 -0.15	28.03 2.25 -2.60	31.65 2.33 -6.23	32.92 2.69 -4.87	38.74 3.48 -3.05	44.35 3.78 -4.24	40.10 3.76 -0.84	37.65 3.29 -3.05	33.97 3.01 -2.54	32.85 3.00 -1.83	32.31 2.70 -3.84
HOLTSVILLE_IC_4 23693	27.70 1.96 -2.63	24.00 1.69 -0.10	22.97 1.58 0.00	22.93 1.58 0.00	23.25 1.60 0.00	23.83 1.56 0.00	25.92 1.99 -0.45	29.85 2.29 -3.69	31.46 2.28 -5.15	30.40 2.35 -4.56	27.36 2.56 -0.15	26.25 2.34 -0.10	25.89 2.18 -0.54	25.35 2.10 -0.15	28.03 2.25 -2.60	31.65 2.33 -6.23	32.92 2.69 -4.87	38.74 3.48 -3.05	44.35 3.78 -4.24	40.10 3.76 -0.84	37.65 3.29 -3.05	33.97 3.01 -2.54	32.85 3.00 -1.83	32.31 2.70 -3.84
HOLTSVILLE_IC_5 23694	27.70 1.96 -2.63	24.00 1.69 -0.10	22.97 1.58 0.00	22.93 1.58 0.00	23.25 1.60 0.00	23.83 1.56 0.00	25.92 1.99 -0.45	29.85 2.29 -3.69	31.46 2.28 -5.15	30.40 2.35 -4.56	27.36 2.56 -0.15	26.25 2.34 -0.10	25.89 2.18 -0.54	25.35 2.10 -0.15	28.03 2.25 -2.60	31.65 2.33 -6.23	32.92 2.69 -4.87	38.74 3.48 -3.05	44.35 3.78 -4.24	40.10 3.76 -0.84	37.65 3.29 -3.05	33.97 3.01 -2.54	32.85 3.00 -1.83	32.31 2.70 -3.84
HOLTSVILLE_IC_6 23695	27.79 2.06 -2.63	24.09 1.78 -0.10	23.06 1.67 0.00	23.02 1.67 0.00	23.34 1.69 0.00	23.92 1.65 0.00	26.04 2.11 -0.45	29.97 2.41 -3.69	31.58 2.40 -5.15	30.52 2.47 -4.56	27.49 2.69 -0.16	26.36 2.43 -0.11	26.02 2.29 -0.55	25.46 2.20 -0.16	28.12 2.34 -2.60	31.79 2.47 -6.23	33.07 2.84 -4.87	38.97 3.70 -3.05	44.64 4.07 -4.24	40.35 4.01 -0.84	37.87 3.51 -3.05	34.14 3.18 -2.54	33.02 3.17 -1.83	32.44 2.83 -3.84
HOLTSVILLE_IC_7 23696	27.79 2.06 -2.63	24.09 1.78 -0.10	23.06 1.67 0.00	23.02 1.67 0.00	23.34 1.69 0.00	23.92 1.65 0.00	26.04 2.11 -0.45	29.97 2.41 -3.69	31.58 2.40 -5.15	30.52 2.47 -4.56	27.49 2.69 -0.16	26.36 2.43 -0.11	26.02 2.29 -0.55	25.46 2.20 -0.16	28.12 2.34 -2.60	31.79 2.47 -6.23	33.07 2.84 -4.87	38.97 3.70 -3.05	44.64 4.07 -4.24	40.35 4.01 -0.84	37.87 3.51 -3.05	34.14 3.18 -2.54	33.02 3.17 -1.83	32.44 2.83 -3.84
HOLTSVILLE_IC_8 23697	27.79 2.06 -2.63	24.09 1.78 -0.10	23.06 1.67 0.00	23.02 1.67 0.00	23.34 1.69 0.00	23.92 1.65 0.00	26.04 2.11 -0.45	29.97 2.41 -3.69	31.58 2.40 -5.15	30.52 2.47 -4.56	27.49 2.69 -0.16	26.36 2.43 -0.11	26.02 2.29 -0.55	25.46 2.20 -0.16	28.12 2.34 -2.60	31.79 2.47 -6.23	33.07 2.84 -4.87	38.97 3.70 -3.05	44.64 4.07 -4.24	40.35 4.01 -0.84	37.87 3.51 -3.05	34.14 3.18 -2.54	33.02 3.17 -1.83	32.44 2.83 -3.84
HOLTSVILLE_IC_9 23698	27.79 2.06 -2.63	24.09 1.78 -0.10	23.06 1.67 0.00	23.02 1.67 0.00	23.34 1.69 0.00	23.92 1.65 0.00	26.04 2.11 -0.45	29.97 2.41 -3.69	31.58 2.40 -5.15	30.52 2.47 -4.56	27.49 2.69 -0.16	26.36 2.43 -0.11	26.02 2.29 -0.55	25.46 2.20 -0.16	28.12 2.34 -2.60	31.79 2.47 -6.23	33.07 2.84 -4.87	38.97 3.70 -3.05	44.64 4.07 -4.24	40.35 4.01 -0.84	37.87 3.51 -3.05	34.14 3.18 -2.54	33.02 3.17 -1.83	32.44 2.83 -3.84
HOMER_HL_115KV_TB2 355744	22.25 -0.85 0.00	21.43 -0.78 0.00	20.64 -0.75 0.00	20.54 -0.81 0.00	21.09 -0.56 0.00	21.74 -0.53 0.00	23.20 -0.28 0.00	23.13 -0.74 0.00	23.30 -0.72 0.00	23.00 -0.49 0.00	24.13 -0.52 0.00	23.39 -0.43 0.00	22.39 -0.79 0.00	22.20 -0.90 0.00	22.04 -1.14 0.00	22.03 -1.06 0.00	24.07 -1.29 0.00	31.35 -0.87 0.00	35.38 -0.94 0.00	34.44 -1.07 0.00	29.20 -2.69 -0.58	26.50 -2.30 -0.39	27.35 -0.67 0.00	25.68 -0.08 0.00
HOWARD_WT_PWR 323690	23.68 0.58 0.00	22.74 0.53 0.00	21.92 0.53 0.00	21.90 0.55 0.00	22.36 0.71 0.00	23.05 0.78 0.00	24.61 1.13 0.00	24.92 1.05 0.00	25.06 1.03 0.00	24.55 1.06 0.00	25.73 1.08 0.00	24.84 1.02 0.00	23.90 0.72 0.00	23.66 0.55 0.00	23.66 0.49 0.00	23.72 0.62 0.00	26.20 0.84 0.00	33.99 1.77 0.00	38.51 2.18 0.00	37.56 2.06 0.00	33.30 1.25 -0.73	30.41 1.51 -0.49	29.62 1.60 0.00	27.43 1.67 0.00
HQ_GEN_CEDARS 23644	23.04 -0.07 0.00	22.26 0.04 0.00	21.45 0.06 0.00	21.43 0.09 0.00	21.67 0.02 0.00	22.30 0.02 0.00	23.24 -0.23 0.00	23.49 -0.38 0.00	23.61 -0.41 0.00	23.07 -0.42 0.00	24.15 -0.49 0.00	23.36 -0.45 0.00	22.94 -0.23 0.00	22.97 -0.14 0.00	22.92 -0.25 0.00	22.70 -0.39 0.00	24.85 -0.51 0.00	31.35 -0.87 0.00	35.38 -0.94 0.00	34.58 -0.92 0.00	30.56 -0.75 0.00	27.71 -0.71 0.00	27.24 -0.78 0.00	25.06 -0.70 0.00
HQ_GEN_CEDARS_PROXY 323590	23.04 -0.07 0.00	22.26 0.04 0.00	21.45 0.06 0.00	21.43 0.09 0.00	21.67 0.02 0.00	22.30 0.02 0.00	23.24 -0.23 0.00	23.49 -0.38 0.00	23.61 -0.41 0.00	23.07 -0.42 0.00	24.15 -0.49 0.00	23.36 -0.45 0.00	22.94 -0.23 0.00	22.97 -0.14 0.00	22.92 -0.25 0.00	22.92 -0.39 -0.22	24.92 -0.51 -0.07	31.06 -0.87 0.29	35.38 -0.94 0.00	34.58 -0.92 0.00	30.56 -0.75 0.00	27.71 -0.71 0.00	27.24 -0.78 0.00	25.07 -0.69 0.00



HQ_GEN_IMPORT 323601	22.99 -0.11 0.00	22.21 0.00 0.00	21.41 0.02 0.00	21.37 0.02 0.00	21.65 0.00 0.00	22.55 0.00 -0.28	22.99 -0.21 0.28	23.53 -0.33 0.00	23.69 -0.34 0.00	23.14 -0.35 0.00	24.22 -0.42 0.00	23.46 -0.36 0.00	22.99 -0.19 0.00	22.99 -0.11 0.00	22.99 -0.19 0.00	22.99 -0.32 -0.22	25.00 -0.43 -0.07	31.12 -0.80 0.29	35.42 -0.91 0.00	34.65 -0.85 0.00	30.59 -0.72 0.00	27.76 -0.65 0.00	27.33 -0.70 0.00	25.12 -0.64 0.00
HQ_GEN_WHEEL 23651	22.99 -0.11 0.00	22.21 0.00 0.00	21.41 0.02 0.00	21.37 0.02 0.00	21.65 0.00 0.00	22.55 0.00 -0.28	22.99 -0.21 0.28	23.53 -0.33 0.00	23.69 -0.34 0.00	23.14 -0.35 0.00	24.22 -0.42 0.00	23.46 -0.36 0.00	22.99 -0.19 0.00	22.99 -0.11 0.00	22.99 -0.19 0.00	22.99 -0.32 -0.22	25.00 -0.43 -0.07	31.12 -0.80 0.29	35.42 -0.91 0.00	34.65 -0.85 0.00	30.59 -0.72 0.00	27.76 -0.65 0.00	27.33 -0.70 0.00	25.12 -0.64 0.00
HUDSON AVE_GT_3 23810	24.54 1.43 0.00	23.30 1.09 0.00	22.41 1.03 0.00	22.37 1.02 0.00	22.67 1.02 0.00	23.26 0.98 0.00	24.84 1.36 0.00	25.63 1.77 0.00	25.82 1.80 0.00	25.35 1.86 0.00	26.74 2.09 0.00	25.77 1.95 0.00	24.91 1.74 0.00	24.77 1.66 0.00	25.02 1.83 -0.02	25.01 1.92 0.00	27.63 2.26 -0.02	35.11 2.90 0.00	39.42 3.09 0.00	38.56 3.05 0.00	37.06 2.69 -3.05	32.98 2.53 -2.03	30.63 2.61 0.00	28.03 2.27 0.00
HUDSON AVE_GT_4 23540	24.54 1.43 0.00	23.30 1.09 0.00	22.41 1.03 0.00	22.37 1.02 0.00	22.67 1.02 0.00	23.26 0.98 0.00	24.84 1.36 0.00	25.63 1.77 0.00	25.82 1.80 0.00	25.35 1.86 0.00	26.74 2.09 0.00	25.77 1.95 0.00	24.91 1.74 0.00	24.77 1.66 0.00	25.02 1.83 -0.02	25.01 1.92 0.00	27.63 2.26 -0.02	35.11 2.90 0.00	39.42 3.09 0.00	38.56 3.05 0.00	37.06 2.69 -3.05	32.98 2.53 -2.03	30.63 2.61 0.00	28.03 2.27 0.00
HUDSON AVE_GT_5 23657	24.54 1.43 0.00	23.30 1.09 0.00	22.41 1.03 0.00	22.37 1.02 0.00	22.67 1.02 0.00	23.26 0.98 0.00	24.84 1.36 0.00	25.63 1.77 0.00	25.82 1.80 0.00	25.35 1.86 0.00	26.74 2.09 0.00	25.77 1.95 0.00	24.91 1.74 0.00	24.77 1.66 0.00	25.02 1.83 -0.02	25.01 1.92 0.00	27.63 2.26 -0.02	35.11 2.90 0.00	39.42 3.09 0.00	38.56 3.05 0.00	37.06 2.69 -3.05	32.98 2.53 -2.03	30.63 2.61 0.00	28.03 2.27 0.00
HUDSON_AVE_10 24168	24.49 1.39 0.00	23.25 1.04 0.00	22.37 0.98 0.00	22.33 0.98 0.00	22.62 0.97 0.00	23.21 0.94 0.00	24.79 1.31 0.00	25.59 1.72 0.00	25.80 1.78 0.00	25.33 1.83 0.00	26.71 2.07 0.00	25.72 1.91 0.00	24.89 1.72 0.00	24.75 1.64 0.00	25.00 1.81 -0.02	24.99 1.89 0.00	27.61 2.23 -0.02	35.11 2.90 0.00	39.38 3.05 0.00	38.56 3.05 0.00	37.03 2.66 -3.05	32.95 2.50 -2.03	30.60 2.58 0.00	28.00 2.24 0.00
HUDSON___115KV_TB 4 355613	24.10 0.99 0.00	22.99 0.78 0.00	22.14 0.75 0.00	22.12 0.77 0.00	22.36 0.71 0.00	22.99 0.71 0.00	24.44 0.96 0.00	24.97 1.10 0.00	25.08 1.06 0.00	24.41 0.92 0.00	25.65 1.01 0.00	24.70 0.88 0.00	23.96 0.79 0.00	23.80 0.69 0.00	24.01 0.83 0.00	24.11 1.02 0.00	26.68 1.32 0.00	34.15 1.93 0.00	38.58 2.25 0.00	37.74 2.24 0.00	36.79 1.82 -3.66	32.42 1.56 -2.44	29.71 1.68 0.00	27.25 1.49 0.00
HUNTER MOUNT___DRP 323613	24.19 1.09 0.00	23.08 0.87 0.00	22.22 0.83 0.00	22.18 0.83 0.00	22.43 0.78 0.00	23.05 0.78 0.00	24.49 1.01 0.00	24.99 1.12 0.00	25.08 1.06 0.00	24.36 0.87 0.00	25.58 0.94 0.00	24.63 0.81 0.00	23.87 0.70 0.00	23.71 0.60 0.00	23.94 0.76 0.00	24.06 0.97 0.00	26.70 1.34 0.00	34.24 2.03 0.00	38.69 2.36 0.00	37.85 2.34 0.00	36.72 1.85 -3.56	32.32 1.53 -2.37	29.76 1.74 0.00	27.31 1.55 0.00
HUNTINGTON_RES_REC 323705	27.65 1.92 -2.63	23.93 1.62 -0.10	22.88 1.50 0.00	22.84 1.49 0.00	23.16 1.51 0.00	23.77 1.49 0.00	25.85 1.93 -0.45	29.83 2.27 -3.69	31.48 2.31 -5.15	30.38 2.33 -4.56	27.34 2.54 -0.16	26.24 2.31 -0.11	25.88 2.16 -0.55	25.32 2.06 -0.16	28.01 2.23 -2.60	31.68 2.36 -6.23	32.97 2.74 -4.87	38.87 3.61 -3.05	44.53 3.96 -4.24	40.25 3.91 -0.84	37.75 3.38 -3.05	34.05 3.10 -2.54	32.94 3.08 -1.83	32.36 2.76 -3.84
HUNTLEY___63 23557	21.42 -1.69 0.00	20.66 -1.55 0.00	19.87 -1.52 0.00	19.77 -1.58 0.00	20.22 -1.43 0.00	20.87 -1.40 0.00	22.21 -1.27 0.00	22.01 -1.86 0.00	22.22 -1.80 0.00	21.92 -1.57 0.00	22.99 -1.65 0.00	22.36 -1.45 0.00	21.39 -1.78 0.00	21.23 -1.87 0.00	21.09 -2.09 0.00	21.09 -2.01 0.00	23.03 -2.33 0.00	29.99 -2.22 0.00	33.86 -2.47 0.00	32.98 -2.52 0.00	29.17 -2.63 -0.49	26.44 -2.30 -0.33	26.18 -1.85 0.00	24.55 -1.21 0.00
HUNTLEY___64 23558	21.42 -1.69 0.00	20.66 -1.55 0.00	19.87 -1.52 0.00	19.77 -1.58 0.00	20.22 -1.43 0.00	20.87 -1.40 0.00	22.21 -1.27 0.00	22.01 -1.86 0.00	22.22 -1.80 0.00	21.92 -1.57 0.00	22.99 -1.65 0.00	22.36 -1.45 0.00	21.39 -1.78 0.00	21.23 -1.87 0.00	21.09 -2.09 0.00	21.09 -2.01 0.00	23.03 -2.33 0.00	29.99 -2.22 0.00	33.86 -2.47 0.00	32.98 -2.52 0.00	29.17 -2.63 -0.49	26.44 -2.30 -0.33	26.18 -1.85 0.00	24.55 -1.21 0.00
HUNTLEY___65 23559	21.42 -1.69 0.00	20.66 -1.55 0.00	19.87 -1.52 0.00	19.77 -1.58 0.00	20.22 -1.43 0.00	20.87 -1.40 0.00	22.21 -1.27 0.00	22.01 -1.86 0.00	22.22 -1.80 0.00	21.92 -1.57 0.00	22.99 -1.65 0.00	22.36 -1.45 0.00	21.39 -1.78 0.00	21.23 -1.87 0.00	21.09 -2.09 0.00	21.09 -2.01 0.00	23.03 -2.33 0.00	29.99 -2.22 0.00	33.86 -2.47 0.00	32.98 -2.52 0.00	29.17 -2.63 -0.49	26.44 -2.30 -0.33	26.18 -1.85 0.00	24.55 -1.21 0.00
HUNTLEY___66 23560	21.42 -1.69 0.00	20.66 -1.55 0.00	19.87 -1.52 0.00	19.77 -1.58 0.00	20.22 -1.43 0.00	20.87 -1.40 0.00	22.21 -1.27 0.00	22.01 -1.86 0.00	22.22 -1.80 0.00	21.92 -1.57 0.00	22.99 -1.65 0.00	22.36 -1.45 0.00	21.39 -1.78 0.00	21.23 -1.87 0.00	21.09 -2.09 0.00	21.09 -2.01 0.00	23.03 -2.33 0.00	29.99 -2.22 0.00	33.86 -2.47 0.00	32.98 -2.52 0.00	29.17 -2.63 -0.49	26.44 -2.30 -0.33	26.18 -1.85 0.00	24.55 -1.21 0.00
HUNTLEY___67 23561	21.44 -1.66 0.00	20.68 -1.53 0.00	19.89 -1.50 0.00	19.77 -1.58 0.00	20.24 -1.41 0.00	20.89 -1.38 0.00	22.23 -1.24 0.00	22.03 -1.84 0.00	22.27 -1.75 0.00	21.94 -1.55 0.00	23.02 -1.63 0.00	22.36 -1.45 0.00	21.41 -1.76 0.00	21.26 -1.85 0.00	21.14 -2.04 0.00	21.11 -1.99 0.00	23.08 -2.28 0.00	29.99 -2.22 0.00	33.86 -2.47 0.00	32.98 -2.52 0.00	29.15 -2.66 -0.49	26.42 -2.33 -0.33	26.20 -1.82 0.00	24.58 -1.18 0.00
HUNTLEY___68 23562	21.44 -1.66 0.00	20.68 -1.53 0.00	19.89 -1.50 0.00	19.77 -1.58 0.00	20.24 -1.41 0.00	20.89 -1.38 0.00	22.23 -1.24 0.00	22.03 -1.84 0.00	22.27 -1.75 0.00	21.94 -1.55 0.00	23.02 -1.63 0.00	22.36 -1.45 0.00	21.41 -1.76 0.00	21.26 -1.85 0.00	21.14 -2.04 0.00	21.11 -1.99 0.00	23.08 -2.28 0.00	29.99 -2.22 0.00	33.86 -2.47 0.00	32.98 -2.52 0.00	29.15 -2.66 -0.49	26.42 -2.33 -0.33	26.20 -1.82 0.00	24.58 -1.18 0.00



HYLAND___LFGE 323620	23.80 0.69 0.00	22.83 0.62 0.00	22.01 0.62 0.00	21.95 0.60 0.00	22.38 0.74 0.00	23.05 0.78 0.00	24.72 1.24 0.00	24.97 1.10 0.00	25.08 1.06 0.00	24.44 0.94 0.00	25.58 0.94 0.00	24.65 0.83 0.00	23.55 0.37 0.00	23.36 0.25 0.00	23.41 0.23 0.00	23.56 0.46 0.00	26.10 0.74 0.00	34.12 1.90 0.00	38.73 2.40 0.00	37.81 2.31 0.00	33.69 1.75 -0.63	30.42 1.59 -0.42	29.59 1.57 0.00	27.38 1.62 0.00
INDECK___CORINTH 23802	24.26 1.15 0.00	23.17 0.95 0.00	22.28 0.90 0.00	22.24 0.90 0.00	22.54 0.89 0.00	23.23 0.96 0.00	24.72 1.24 0.00	25.28 1.41 0.00	25.44 1.42 0.00	24.74 1.24 0.00	26.00 1.35 0.00	25.05 1.24 0.00	24.19 1.02 0.00	24.01 0.90 0.00	24.19 1.02 0.00	24.29 1.20 0.00	27.03 1.67 0.00	34.63 2.42 0.00	39.16 2.84 0.00	38.34 2.84 0.00	37.64 2.44 -3.89	33.16 2.16 -2.59	30.15 2.13 0.00	27.62 1.86 0.00
INDECK___ILION 23567	23.54 0.44 0.00	22.59 0.38 0.00	21.73 0.34 0.00	21.69 0.34 0.00	22.02 0.37 0.00	22.65 0.38 0.00	23.95 0.47 0.00	24.37 0.50 0.00	24.55 0.53 0.00	24.01 0.52 0.00	25.21 0.57 0.00	24.36 0.55 0.00	23.64 0.46 0.00	23.52 0.42 0.00	23.62 0.44 0.00	23.58 0.48 0.00	25.94 0.58 0.00	33.05 0.84 0.00	37.27 0.94 0.00	36.46 0.96 0.00	32.16 0.85 0.00	29.24 0.82 0.00	28.87 0.84 0.00	26.53 0.77 0.00
INDECK___OLEAN 23982	22.25 -0.85 0.00	21.43 -0.78 0.00	20.64 -0.75 0.00	20.58 -0.77 0.00	21.09 -0.56 0.00	21.74 -0.53 0.00	23.20 -0.28 0.00	23.13 -0.74 0.00	23.30 -0.72 0.00	22.98 -0.52 0.00	24.13 -0.52 0.00	23.39 -0.43 0.00	22.39 -0.79 0.00	22.20 -0.90 0.00	22.04 -1.14 0.00	22.03 -1.06 0.00	24.07 -1.29 0.00	31.35 -0.87 0.00	35.38 -0.94 0.00	34.44 -1.06 0.00	29.20 -2.69 -0.58	27.47 -1.34 -0.39	27.35 -0.67 0.00	25.68 -0.08 0.00
INDECK___OSWEGO 23783	22.30 -0.81 0.00	21.43 -0.78 0.00	20.64 -0.75 0.00	20.60 -0.75 0.00	20.93 -0.71 0.00	21.56 -0.71 0.00	22.80 -0.68 0.00	23.20 -0.67 0.00	23.35 -0.67 0.00	22.86 -0.63 0.00	23.98 -0.66 0.00	23.15 -0.67 0.00	22.43 -0.74 0.00	22.30 -0.81 0.00	22.36 -0.81 0.00	22.35 -0.74 0.00	24.57 -0.79 0.00	31.44 -0.77 0.00	35.49 -0.83 0.00	34.65 -0.85 0.00	30.82 -0.78 -0.29	27.87 -0.74 -0.20	27.33 -0.70 0.00	25.14 -0.62 0.00
INDECK___YERKES 23781	21.44 -1.66 0.00	20.68 -1.53 0.00	19.89 -1.50 0.00	19.79 -1.56 0.00	20.24 -1.41 0.00	20.89 -1.38 0.00	22.26 -1.22 0.00	22.05 -1.82 0.00	22.25 -1.78 0.00	21.94 -1.55 0.00	23.02 -1.63 0.00	22.39 -1.43 0.00	21.41 -1.76 0.00	21.23 -1.87 0.00	21.09 -2.09 0.00	21.11 -1.99 0.00	23.05 -2.31 0.00	30.02 -2.19 0.00	33.90 -2.43 0.00	32.98 -2.52 0.00	29.20 -2.60 -0.49	26.53 -2.22 -0.33	26.23 -1.79 0.00	24.58 -1.18 0.00
INDIAN POINT_GT_1 24139	24.33 1.22 0.00	23.17 0.96 0.00	22.28 0.90 0.00	22.25 0.90 0.00	22.54 0.89 0.00	23.14 0.87 0.00	24.68 1.20 0.00	25.44 1.58 0.00	25.61 1.59 0.00	25.09 1.60 0.00	26.42 1.77 0.00	25.46 1.64 0.00	24.61 1.44 0.00	24.47 1.36 0.00	24.68 1.51 0.00	24.71 1.62 0.00	27.26 1.90 0.00	34.76 2.54 0.00	39.05 2.72 0.00	38.20 2.70 0.00	36.70 2.38 -3.01	32.61 2.19 -2.01	30.27 2.24 0.00	27.72 1.96 0.00
INDIAN POINT_GT_2 23659	24.33 1.22 0.00	23.17 0.96 0.00	22.28 0.90 0.00	22.25 0.90 0.00	22.54 0.89 0.00	23.14 0.87 0.00	24.68 1.20 0.00	25.44 1.58 0.00	25.61 1.59 0.00	25.09 1.60 0.00	26.42 1.77 0.00	25.46 1.64 0.00	24.61 1.44 0.00	24.47 1.36 0.00	24.68 1.51 0.00	24.71 1.62 0.00	27.26 1.90 0.00	34.76 2.54 0.00	39.05 2.72 0.00	38.20 2.70 0.00	36.70 2.38 -3.01	32.61 2.19 -2.01	30.27 2.24 0.00	27.72 1.96 0.00
INDIAN POINT_GT_3 24019	24.33 1.22 0.00	23.17 0.96 0.00	22.28 0.90 0.00	22.25 0.90 0.00	22.54 0.89 0.00	23.14 0.87 0.00	24.68 1.20 0.00	25.44 1.58 0.00	25.61 1.59 0.00	25.09 1.60 0.00	26.42 1.77 0.00	25.46 1.64 0.00	24.61 1.44 0.00	24.47 1.36 0.00	24.68 1.51 0.00	24.71 1.62 0.00	27.26 1.90 0.00	34.76 2.54 0.00	39.05 2.72 0.00	38.20 2.70 0.00	36.70 2.38 -3.01	32.61 2.19 -2.01	30.27 2.24 0.00	27.72 1.96 0.00
INDIAN POINT___2 23530	24.28 1.18 0.00	23.14 0.93 0.00	22.26 0.88 0.00	22.22 0.88 0.00	22.52 0.87 0.00	23.12 0.85 0.00	24.65 1.17 0.00	25.40 1.53 0.00	25.58 1.56 0.00	25.07 1.57 0.00	26.39 1.75 0.00	25.41 1.60 0.00	24.59 1.41 0.00	24.44 1.34 0.00	24.66 1.48 0.00	24.69 1.59 0.00	27.21 1.85 0.00	34.66 2.45 0.00	38.98 2.65 0.00	38.13 2.63 0.00	36.61 2.32 -2.98	32.56 2.16 -1.99	30.18 2.16 0.00	27.67 1.91 0.00
INDIAN POINT___3 23531	24.31 1.20 0.00	23.14 0.93 0.00	22.26 0.88 0.00	22.25 0.90 0.00	22.54 0.89 0.00	23.14 0.87 0.00	24.68 1.20 0.00	25.42 1.55 0.00	25.58 1.56 0.00	25.09 1.60 0.00	26.39 1.75 0.00	25.44 1.62 0.00	24.59 1.41 0.00	24.44 1.34 0.00	24.68 1.51 0.00	24.69 1.59 0.00	27.24 1.88 0.00	34.70 2.48 0.00	39.02 2.69 0.00	38.17 2.66 0.00	36.68 2.35 -3.02	32.59 2.16 -2.01	30.24 2.21 0.00	27.69 1.93 0.00
INGHAM_C_115KV_TB7 356103	23.75 0.65 0.00	22.79 0.58 0.00	21.94 0.56 0.00	21.90 0.56 0.00	22.23 0.58 0.00	22.88 0.60 0.00	24.18 0.70 0.00	24.58 0.72 0.00	24.77 0.74 0.00	24.22 0.73 0.00	25.41 0.76 0.00	24.60 0.79 0.00	23.85 0.67 0.00	23.73 0.62 0.00	23.80 0.63 0.00	23.79 0.69 0.00	26.12 0.76 0.00	33.31 1.10 0.00	37.56 1.24 0.00	36.74 1.24 0.00	32.44 1.13 0.00	29.58 1.17 0.00	29.23 1.21 0.00	26.94 1.18 0.00
IP CORINTH___1 23988	24.26 1.16 0.00	23.17 0.96 0.00	22.28 0.90 0.00	22.25 0.90 0.00	22.54 0.89 0.00	23.23 0.96 0.00	24.72 1.24 0.00	25.28 1.41 0.00	25.44 1.42 0.00	24.74 1.25 0.00	26.00 1.36 0.00	25.06 1.24 0.00	24.20 1.02 0.00	24.01 0.90 0.00	24.20 1.02 0.00	24.30 1.20 0.00	27.03 1.67 0.00	34.66 2.45 0.00	39.16 2.83 0.00	38.34 2.84 0.00	37.64 2.44 -3.89	33.14 2.13 -2.59	30.13 2.10 0.00	27.61 1.85 0.00
IP___TICONDEROGA 23804	25.05 1.94 0.00	23.88 1.67 0.00	22.95 1.56 0.00	22.91 1.56 0.00	23.21 1.56 0.00	23.95 1.67 0.00	25.52 2.04 0.00	26.14 2.27 0.00	26.31 2.28 0.00	25.52 2.02 0.00	26.79 2.14 0.00	25.75 1.93 0.00	24.82 1.65 0.00	24.58 1.48 0.00	24.78 1.60 0.00	24.94 1.85 0.00	27.92 2.56 0.00	35.98 3.77 0.00	40.76 4.43 0.00	39.98 4.47 0.00	39.01 3.82 -3.88	34.33 3.32 -2.59	31.30 3.28 0.00	28.65 2.89 0.00
ISLIP_RES_REC 323679	27.89 2.15 -2.63	24.18 1.87 -0.10	23.14 1.75 0.00	23.10 1.75 0.00	23.42 1.78 0.00	24.01 1.74 0.00	26.13 2.21 -0.45	30.07 2.51 -3.70	31.70 2.52 -5.15	30.62 2.56 -4.56	27.59 2.78 -0.16	26.46 2.52 -0.12	26.12 2.39 -0.56	25.56 2.29 -0.17	28.22 2.43 -2.61	31.88 2.56 -6.23	33.19 2.97 -4.87	39.16 3.90 -3.05	44.85 4.28 -4.24	40.53 4.19 -0.84	38.03 3.66 -3.05	34.28 3.32 -2.54	33.13 3.28 -1.83	32.57 2.96 -3.84



JAMAICA__27_KV_LOAD 355505	24.68 1.57 0.00	23.39 1.18 0.00	22.50 1.11 0.00	22.44 1.09 0.00	22.75 1.10 0.00	23.34 1.07 0.00	24.96 1.48 0.00	25.78 1.91 0.00	26.02 1.99 0.00	25.54 2.04 0.00	26.91 2.27 0.00	25.94 2.12 0.00	25.08 1.90 0.00	24.93 1.83 0.00	25.19 1.99 -0.02	25.20 2.10 0.00	27.84 2.46 -0.02	35.47 3.25 0.00	39.82 3.49 0.00	38.95 3.44 0.00	37.37 3.01 -3.05	33.26 2.81 -2.03	30.91 2.89 0.00	28.26 2.50 0.00
JANIS__SOLAR 323808	24.33 1.22 0.00	23.32 1.11 0.00	22.46 1.07 0.00	22.39 1.05 0.00	22.86 1.21 0.00	23.54 1.27 0.00	25.03 1.55 0.00	25.47 1.60 0.00	25.56 1.54 0.00	24.90 1.41 0.00	26.05 1.40 0.00	25.05 1.24 0.00	24.10 0.93 0.00	23.87 0.76 0.00	23.94 0.76 0.00	24.06 0.97 0.00	26.73 1.37 0.00	34.73 2.51 0.00	39.38 3.05 0.00	38.38 2.87 0.00	34.55 2.35 -0.89	31.20 2.19 -0.59	30.13 2.10 0.00	27.79 2.03 0.00
JARVIS____ 23743	23.27 0.16 0.00	22.34 0.13 0.00	21.49 0.11 0.00	21.46 0.11 0.00	21.78 0.13 0.00	22.41 0.13 0.00	23.69 0.21 0.00	24.11 0.24 0.00	24.26 0.24 0.00	23.73 0.23 0.00	24.92 0.27 0.00	24.05 0.24 0.00	23.38 0.21 0.00	23.29 0.18 0.00	23.38 0.21 0.00	23.35 0.25 0.00	25.67 0.31 0.00	32.67 0.45 0.00	36.84 0.51 0.00	36.00 0.50 0.00	31.75 0.44 0.00	28.82 0.40 0.00	28.42 0.39 0.00	26.15 0.39 0.00
JENNISON____1 23625	24.61 1.50 0.00	23.59 1.38 0.00	22.69 1.30 0.00	22.65 1.30 0.00	23.12 1.47 0.00	23.77 1.49 0.00	25.29 1.81 0.00	25.78 1.91 0.00	25.92 1.90 0.00	25.33 1.83 0.00	26.54 1.90 0.00	25.56 1.74 0.00	24.57 1.39 0.00	24.35 1.25 0.00	24.40 1.23 0.00	24.48 1.39 0.00	27.16 1.80 0.00	35.24 3.03 0.00	39.89 3.56 0.00	38.88 3.37 0.00	35.25 2.82 -1.12	31.66 2.50 -0.75	30.55 2.52 0.00	28.18 2.42 0.00
JENNISON____2 23626	24.61 1.50 0.00	23.59 1.38 0.00	22.69 1.30 0.00	22.65 1.30 0.00	23.12 1.47 0.00	23.77 1.49 0.00	25.29 1.81 0.00	25.78 1.91 0.00	25.92 1.90 0.00	25.33 1.83 0.00	26.54 1.90 0.00	25.56 1.74 0.00	24.57 1.39 0.00	24.35 1.25 0.00	24.40 1.23 0.00	24.48 1.39 0.00	27.16 1.80 0.00	35.24 3.03 0.00	39.89 3.56 0.00	38.88 3.37 0.00	35.25 2.82 -1.12	31.66 2.50 -0.75	30.55 2.52 0.00	28.18 2.42 0.00
JERICOHO_RISE_WT_PWR 323719	23.22 0.12 0.00	22.43 0.22 0.00	21.69 0.30 0.00	21.69 0.34 0.00	21.74 0.09 0.00	22.45 0.18 0.00	23.45 -0.02 0.00	23.68 -0.19 0.00	23.83 -0.19 0.00	23.28 -0.21 0.00	24.35 -0.29 0.00	23.48 -0.33 0.00	23.02 -0.16 0.00	23.01 -0.09 0.00	22.90 -0.28 0.00	22.63 -0.46 0.00	24.80 -0.56 0.00	31.38 -0.84 0.00	35.46 -0.87 0.00	34.69 -0.82 0.00	30.72 -0.60 0.00	27.91 -0.51 0.00	27.46 -0.56 0.00	25.25 -0.51 0.00
KATONAH__115KV_46KV_TB4 355592	24.49 1.39 0.00	23.34 1.13 0.00	22.43 1.05 0.00	22.42 1.07 0.00	22.67 1.02 0.00	23.26 0.98 0.00	24.84 1.36 0.00	25.61 1.74 0.00	25.80 1.78 0.00	25.26 1.76 0.00	26.64 2.00 0.00	25.63 1.81 0.00	24.75 1.58 0.00	24.58 1.48 0.00	24.82 1.65 0.00	24.85 1.76 0.00	27.46 2.10 0.00	35.02 2.80 0.00	39.42 3.09 0.00	38.56 3.05 0.00	37.14 2.72 -3.10	32.96 2.47 -2.07	30.52 2.49 0.00	27.92 2.16 0.00
KCE_NY_1 323755	24.31 1.20 0.00	23.23 1.02 0.00	22.35 0.96 0.00	22.31 0.96 0.00	22.60 0.95 0.00	23.28 1.00 0.00	24.75 1.27 0.00	25.28 1.41 0.00	25.42 1.39 0.00	24.76 1.27 0.00	26.02 1.38 0.00	25.10 1.29 0.00	24.27 1.09 0.00	24.10 0.99 0.00	24.29 1.11 0.00	24.36 1.27 0.00	27.01 1.65 0.00	34.57 2.35 0.00	39.02 2.69 0.00	38.20 2.70 0.00	37.51 2.32 -3.88	33.07 2.07 -2.58	30.10 2.07 0.00	27.59 1.83 0.00
KCE_NY_6_ESR 323823	21.74 -1.36 0.00	20.97 -1.24 0.00	20.17 -1.22 0.00	20.07 -1.28 0.00	20.52 -1.13 0.00	21.21 -1.07 0.00	22.59 -0.89 0.00	22.41 -1.46 0.00	22.61 -1.42 0.00	22.30 -1.20 0.00	23.39 -1.26 0.00	22.72 -1.10 0.00	21.74 -1.44 0.00	21.58 -1.53 0.00	21.44 -1.74 0.00	21.43 -1.66 0.00	23.41 -1.95 0.00	30.51 -1.71 0.00	34.44 -1.89 0.00	33.51 -1.99 0.00	29.38 -2.44 -0.51	26.88 -1.88 -0.34	26.65 -1.37 0.00	24.96 -0.80 0.00
KEDC PORT_JEFF_GT2 24210	27.79 2.06 -2.63	24.07 1.75 -0.10	23.03 1.65 0.00	22.99 1.64 0.00	23.32 1.67 0.00	23.90 1.63 0.00	26.01 2.09 -0.45	29.95 2.39 -3.69	31.58 2.40 -5.15	30.52 2.47 -4.56	27.49 2.69 -0.16	26.36 2.43 -0.11	25.99 2.27 -0.55	25.46 2.20 -0.15	28.12 2.34 -2.60	31.77 2.45 -6.23	33.07 2.84 -4.87	38.97 3.70 -3.05	44.64 4.07 -4.24	40.35 4.01 -0.84	37.84 3.48 -3.05	34.14 3.18 -2.54	33.02 3.17 -1.83	32.44 2.83 -3.84
KEDC PORT_JEFF_GT3 24211	27.79 2.06 -2.63	24.07 1.75 -0.10	23.03 1.65 0.00	22.99 1.64 0.00	23.32 1.67 0.00	23.90 1.63 0.00	26.01 2.09 -0.45	29.95 2.39 -3.69	31.58 2.40 -5.15	30.52 2.47 -4.56	27.49 2.69 -0.16	26.36 2.43 -0.11	25.99 2.27 -0.55	25.46 2.20 -0.15	28.12 2.34 -2.60	31.77 2.45 -6.23	33.07 2.84 -4.87	38.97 3.70 -3.05	44.64 4.07 -4.24	40.35 4.01 -0.84	37.84 3.48 -3.05	34.14 3.18 -2.54	33.02 3.17 -1.83	32.44 2.83 -3.84
KEDC_GLWD_GT4 24219	27.56 1.82 -2.63	23.82 1.51 -0.10	22.80 1.41 0.00	22.76 1.41 0.00	23.08 1.43 0.00	23.68 1.40 0.00	25.73 1.81 -0.45	29.85 2.17 -3.81	31.45 2.26 -5.17	30.35 2.26 -4.60	27.46 2.46 -0.35	26.57 2.26 -0.49	26.24 2.06 -1.00	25.79 1.99 -0.70	27.99 2.13 -2.68	31.59 2.26 -6.23	32.87 2.64 -4.87	38.49 3.22 -3.05	44.09 3.52 -4.24	39.82 3.48 -0.84	37.37 3.01 -3.05	34.00 3.04 -2.54	32.88 3.03 -1.83	32.31 2.70 -3.85
KEDC_GLWD_GT5 24220	27.56 1.82 -2.63	23.82 1.51 -0.10	22.80 1.41 0.00	22.76 1.41 0.00	23.08 1.43 0.00	23.68 1.40 0.00	25.73 1.81 -0.45	29.85 2.17 -3.81	31.45 2.26 -5.17	30.35 2.26 -4.60	27.46 2.46 -0.35	26.57 2.26 -0.49	26.24 2.06 -1.00	25.79 1.99 -0.70	27.99 2.13 -2.68	31.59 2.26 -6.23	32.87 2.64 -4.87	38.49 3.22 -3.05	44.09 3.52 -4.24	39.82 3.48 -0.84	37.37 3.01 -3.05	34.00 3.04 -2.54	32.88 3.03 -1.83	32.31 2.70 -3.85
KENSICO____ 23655	24.40 1.29 0.00	23.23 1.02 0.00	22.35 0.96 0.00	22.31 0.96 0.00	22.60 0.95 0.00	23.21 0.94 0.00	24.77 1.29 0.00	25.52 1.65 0.00	25.70 1.68 0.00	25.19 1.69 0.00	26.52 1.87 0.00	25.56 1.74 0.00	24.71 1.53 0.00	24.56 1.46 0.00	24.80 1.62 0.00	24.80 1.71 0.00	27.36 2.00 0.00	34.86 2.64 0.00	39.20 2.87 0.00	38.34 2.84 0.00	36.86 2.51 -3.04	32.75 2.30 -2.03	30.38 2.35 0.00	27.82 2.06 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	24.56 1.46 0.00	23.37 1.15 0.00	22.48 1.09 0.00	22.46 1.11 0.00	22.73 1.08 0.00	23.32 1.05 0.00	24.91 1.43 0.00	25.59 1.72 0.00	25.70 1.68 0.00	25.14 1.64 0.00	26.37 1.73 0.00	25.36 1.55 0.00	24.50 1.32 0.00	24.35 1.25 0.00	24.57 1.39 0.00	24.64 1.55 0.00	27.31 1.95 0.00	34.99 2.77 0.00	39.42 3.09 0.00	38.56 3.05 0.00	36.86 2.66 -2.88	32.69 2.36 -1.92	30.46 2.44 0.00	27.90 2.14 0.00



KIAC_JFK_GT1 23816	24.58 1.48 0.00	23.32 1.11 0.00	22.43 1.05 0.00	22.39 1.05 0.00	22.69 1.04 0.00	23.28 1.00 0.00	24.89 1.41 0.00	25.71 1.84 0.00	25.92 1.90 0.00	25.47 1.97 0.00	26.84 2.19 0.00	25.86 2.05 0.00	25.01 1.83 0.00	24.86 1.76 0.00	25.12 1.92 -0.02	25.13 2.03 0.00	27.76 2.38 -0.02	35.34 3.12 0.00	39.67 3.34 0.00	38.80 3.30 0.00	37.28 2.91 -3.05	33.15 2.70 -2.03	30.80 2.77 0.00	28.16 2.40 0.00
KIAC_JFK_GT2 23817	24.58 1.48 0.00	23.32 1.11 0.00	22.43 1.05 0.00	22.39 1.05 0.00	22.69 1.04 0.00	23.28 1.00 0.00	24.89 1.41 0.00	25.71 1.84 0.00	25.92 1.90 0.00	25.47 1.97 0.00	26.84 2.19 0.00	25.86 2.05 0.00	25.01 1.83 0.00	24.86 1.76 0.00	25.12 1.92 -0.02	25.13 2.03 0.00	27.76 2.38 -0.02	35.34 3.12 0.00	39.67 3.34 0.00	38.80 3.30 0.00	37.28 2.91 -3.05	33.15 2.70 -2.03	30.80 2.77 0.00	28.16 2.40 0.00
KIAC_JFK____ 323774	24.58 1.48 0.00	23.32 1.11 0.00	22.43 1.05 0.00	22.39 1.05 0.00	22.69 1.04 0.00	23.28 1.00 0.00	24.89 1.41 0.00	25.68 1.81 0.00	25.92 1.90 0.00	25.47 1.97 0.00	26.84 2.19 0.00	25.87 2.05 0.00	25.01 1.83 0.00	24.86 1.76 0.00	25.09 1.90 -0.02	25.13 2.03 0.00	27.76 2.38 -0.02	35.34 3.12 0.00	39.67 3.34 0.00	38.80 3.30 0.00	37.28 2.91 -3.05	33.18 2.73 -2.03	30.77 2.75 0.00	28.16 2.40 0.00
KINTIGH____ 23543	21.44 -1.66 0.00	20.68 -1.53 0.00	19.91 -1.48 0.00	19.79 -1.56 0.00	20.22 -1.43 0.00	20.85 -1.43 0.00	22.19 -1.29 0.00	22.10 -1.77 0.00	22.32 -1.71 0.00	21.97 -1.53 0.00	23.02 -1.63 0.00	22.36 -1.45 0.00	21.46 -1.72 0.00	21.28 -1.83 0.00	21.21 -1.97 0.00	21.20 -1.89 0.00	23.18 -2.18 0.00	30.02 -2.19 0.00	33.89 -2.43 0.00	33.05 -2.45 0.00	29.66 -2.10 -0.45	26.87 -1.85 -0.30	26.20 -1.82 0.00	24.47 -1.29 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	23.66 0.55 0.00	22.81 0.60 0.00	22.07 0.68 0.00	22.07 0.73 0.00	22.04 0.39 0.00	22.79 0.51 0.00	23.83 0.35 0.00	24.06 0.19 0.00	24.22 0.19 0.00	23.66 0.16 0.00	24.77 0.12 0.00	23.86 0.05 0.00	23.34 0.16 0.00	23.34 0.23 0.00	23.18 0.00 0.00	22.98 -0.12 0.00	25.18 -0.18 0.00	32.02 -0.19 0.00	36.18 -0.15 0.00	35.40 -0.11 0.00	31.31 0.00 0.00	28.42 0.00 0.00	27.94 -0.08 0.00	25.68 -0.08 0.00
LACHUTE____HYDRO 323717	25.05 1.94 0.00	23.88 1.67 0.00	22.95 1.56 0.00	22.91 1.56 0.00	23.21 1.56 0.00	23.95 1.67 0.00	25.52 2.04 0.00	26.14 2.27 0.00	26.31 2.28 0.00	25.52 2.02 0.00	26.79 2.14 0.00	25.75 1.93 0.00	24.82 1.65 0.00	24.58 1.48 0.00	24.77 1.60 0.00	24.94 1.85 0.00	27.95 2.59 0.00	35.98 3.77 0.00	40.76 4.43 0.00	39.98 4.47 0.00	39.01 3.82 -3.88	34.35 3.35 -2.59	31.36 3.33 0.00	28.64 2.88 0.00
LAWRNCV_115KV_TB1 80681	22.80 -0.30 0.00	22.03 -0.18 0.00	21.26 -0.13 0.00	21.24 -0.11 0.00	21.43 -0.22 0.00	22.01 -0.27 0.00	22.96 -0.52 0.00	23.20 -0.67 0.00	23.35 -0.67 0.00	22.79 -0.70 0.00	23.86 -0.79 0.00	23.08 -0.74 0.00	22.62 -0.56 0.00	22.67 -0.44 0.00	22.60 -0.58 0.00	22.40 -0.69 0.00	24.55 -0.81 0.00	31.02 -1.19 0.00	35.02 -1.31 0.00	34.22 -1.28 0.00	30.25 -1.06 0.00	27.39 -1.02 0.00	26.99 -1.04 0.00	24.83 -0.93 0.00
LEDERLE____ 23769	24.35 1.25 0.00	23.19 0.98 0.00	22.31 0.92 0.00	22.29 0.94 0.00	22.58 0.93 0.00	23.19 0.91 0.00	24.75 1.27 0.00	25.47 1.60 0.00	25.63 1.61 0.00	25.14 1.64 0.00	26.44 1.80 0.00	25.46 1.64 0.00	24.61 1.44 0.00	24.49 1.39 0.00	24.71 1.53 0.00	24.71 1.62 0.00	27.26 1.90 0.00	34.79 2.58 0.00	39.09 2.76 0.00	38.24 2.73 0.00	36.67 2.41 -2.94	32.59 2.22 -1.96	30.30 2.27 0.00	27.74 1.98 0.00
LIGHTHSE_115KV_TB6 355974	22.57 -0.53 0.00	21.70 -0.51 0.00	20.89 -0.49 0.00	20.86 -0.49 0.00	21.24 -0.41 0.00	21.90 -0.38 0.00	23.17 -0.31 0.00	23.56 -0.31 0.00	23.69 -0.34 0.00	23.21 -0.28 0.00	24.35 -0.30 0.00	23.48 -0.33 0.00	22.74 -0.44 0.00	22.60 -0.51 0.00	22.64 -0.53 0.00	22.66 -0.44 0.00	24.95 -0.41 0.00	32.02 -0.19 0.00	36.18 -0.15 0.00	35.25 -0.25 0.00	31.39 -0.19 -0.27	28.37 -0.23 -0.18	27.74 -0.28 0.00	25.55 -0.21 0.00
LINDEN COGEN____ 23786	24.42 1.32 0.00	23.17 0.95 0.00	22.31 0.92 0.00	22.27 0.92 0.00	22.56 0.91 0.00	23.14 0.87 0.00	24.72 1.24 0.00	25.49 1.62 0.00	25.73 1.71 0.00	25.26 1.76 0.00	26.62 1.97 0.00	25.65 1.83 0.00	24.80 1.62 0.00	24.68 1.57 0.00	24.91 1.72 -0.02	24.92 1.82 0.00	27.51 2.13 -0.02	34.95 2.74 0.00	39.20 2.87 0.00	38.34 2.84 0.00	36.87 2.51 -3.05	32.84 2.39 -2.03	30.44 2.41 0.00	27.90 2.14 0.00
LINDHRST_69_KV_BK1 356055	27.77 2.03 -2.63	24.04 1.73 -0.10	23.01 1.63 0.00	22.95 1.60 0.00	23.27 1.62 0.00	23.88 1.60 0.00	25.97 2.04 -0.45	30.00 2.39 -3.74	31.61 2.43 -5.16	30.51 2.44 -4.58	27.54 2.66 -0.23	26.50 2.43 -0.25	26.14 2.25 -0.72	25.61 2.15 -0.36	28.15 2.34 -2.63	31.77 2.45 -6.23	33.07 2.84 -4.87	39.03 3.77 -3.05	44.71 4.14 -4.24	40.42 4.08 -0.84	37.90 3.54 -3.05	34.17 3.21 -2.54	33.13 3.28 -1.83	32.51 2.91 -3.84
LIPA_MISC_IPP 23656	27.72 1.99 -2.63	24.04 1.73 -0.10	23.01 1.63 0.00	22.97 1.62 0.00	23.29 1.65 0.00	23.86 1.58 0.00	25.97 2.04 -0.45	29.88 2.32 -3.69	31.48 2.31 -5.15	30.43 2.37 -4.56	27.41 2.61 -0.15	26.28 2.36 -0.10	25.94 2.22 -0.54	25.38 2.13 -0.15	28.05 2.27 -2.60	31.68 2.36 -6.23	32.94 2.71 -4.87	38.74 3.48 -3.05	44.38 3.81 -4.24	40.07 3.73 -0.84	37.65 3.29 -3.05	33.91 2.96 -2.54	32.85 3.00 -1.83	32.28 2.68 -3.84
LISF__SOLAR 323691	27.77 2.03 -2.63	24.07 1.75 -0.10	23.06 1.67 0.00	23.01 1.67 0.00	23.34 1.69 0.00	23.90 1.63 0.00	25.99 2.07 -0.45	29.90 2.34 -3.69	31.50 2.33 -5.15	30.47 2.42 -4.56	27.44 2.64 -0.15	26.30 2.38 -0.11	25.97 2.25 -0.54	25.43 2.17 -0.15	28.07 2.29 -2.60	31.72 2.40 -6.23	32.99 2.76 -4.87	38.81 3.54 -3.05	44.46 3.89 -4.24	40.18 3.84 -0.84	37.72 3.35 -3.05	34.00 3.04 -2.54	32.88 3.03 -1.83	32.31 2.70 -3.84
LITTLE FALLS____HYD 24013	23.75 0.65 0.00	22.79 0.58 0.00	21.94 0.56 0.00	21.90 0.56 0.00	22.23 0.58 0.00	22.88 0.60 0.00	24.18 0.70 0.00	24.58 0.72 0.00	24.77 0.74 0.00	24.22 0.73 0.00	25.41 0.76 0.00	24.60 0.79 0.00	23.85 0.67 0.00	23.73 0.62 0.00	23.80 0.63 0.00	23.79 0.69 0.00	26.12 0.76 0.00	33.31 1.10 0.00	37.56 1.24 0.00	36.74 1.24 0.00	32.44 1.13 0.00	29.58 1.17 0.00	29.23 1.21 0.00	26.94 1.18 0.00
LITTLRIV_115KV_TB1 356100	23.08 -0.02 0.00	22.30 0.09 0.00	21.52 0.13 0.00	21.50 0.15 0.00	21.69 0.04 0.00	22.30 0.02 0.00	23.24 -0.23 0.00	23.51 -0.36 0.00	23.64 -0.38 0.00	23.07 -0.42 0.00	24.13 -0.52 0.00	23.32 -0.50 0.00	22.87 -0.30 0.00	22.90 -0.21 0.00	22.83 -0.35 0.00	22.63 -0.46 0.00	24.83 -0.53 0.00	31.47 -0.74 0.00	35.57 -0.76 0.00	34.72 -0.78 0.00	30.69 -0.63 0.00	27.76 -0.65 0.00	27.30 -0.73 0.00	25.14 -0.62 0.00



LI_NEWBRDGE___DRP 323616	27.35 1.62 -2.63	23.64 1.33 -0.10	22.63 1.24 0.00	22.59 1.24 0.00	22.90 1.26 0.00	23.50 1.23 0.00	25.54 1.62 -0.45	29.52 1.98 -3.67	31.19 2.02 -5.15	30.09 2.04 -4.55	27.00 2.24 -0.11	25.89 2.05 -0.03	25.50 1.88 -0.45	24.92 1.78 -0.04	27.71 1.95 -2.59	31.35 2.03 -6.23	32.59 2.36 -4.87	38.39 3.12 -3.05	43.95 3.38 -4.24	39.68 3.34 -0.84	37.28 2.91 -3.05	33.66 2.70 -2.54	32.60 2.75 -1.83	32.03 2.42 -3.84
LOCKPORT_115KV_TB60_63_64 80432	21.30 -1.80 0.00	20.54 -1.67 0.00	19.78 -1.60 0.00	19.64 -1.71 0.00	20.11 -1.54 0.00	20.76 -1.51 0.00	22.09 -1.39 0.00	21.89 -1.98 0.00	22.10 -1.92 0.00	21.80 -1.69 0.00	22.84 -1.80 0.00	22.22 -1.60 0.00	21.25 -1.92 0.00	21.09 -2.01 0.00	20.97 -2.20 0.00	20.95 -2.15 0.00	22.90 -2.46 0.00	29.83 -2.38 0.00	33.68 -2.65 0.00	32.77 -2.73 0.00	29.09 -2.69 -0.47	26.35 -2.39 -0.32	26.04 -1.99 0.00	24.39 -1.37 0.00
LOCKPORT___CC1 323769	21.30 -1.80 0.00	20.54 -1.67 0.00	19.78 -1.60 0.00	19.68 -1.67 0.00	20.11 -1.54 0.00	20.76 -1.52 0.00	22.14 -1.34 0.00	21.91 -1.96 0.00	22.10 -1.92 0.00	21.78 -1.71 0.00	22.85 -1.80 0.00	22.22 -1.60 0.00	21.25 -1.92 0.00	21.09 -2.01 0.00	20.95 -2.23 0.00	20.95 -2.15 0.00	22.90 -2.46 0.00	29.83 -2.38 0.00	33.64 -2.69 0.00	32.77 -2.73 0.00	29.06 -2.72 -0.48	26.35 -2.39 -0.32	26.04 -1.99 0.00	24.42 -1.34 0.00
LOCKPORT___CC2 323770	21.30 -1.80 0.00	20.54 -1.67 0.00	19.78 -1.60 0.00	19.68 -1.67 0.00	20.11 -1.54 0.00	20.76 -1.52 0.00	22.14 -1.34 0.00	21.91 -1.96 0.00	22.10 -1.92 0.00	21.78 -1.71 0.00	22.85 -1.80 0.00	22.22 -1.60 0.00	21.25 -1.92 0.00	21.09 -2.01 0.00	20.95 -2.23 0.00	20.95 -2.15 0.00	22.90 -2.46 0.00	29.83 -2.38 0.00	33.64 -2.69 0.00	32.77 -2.73 0.00	29.06 -2.72 -0.48	26.35 -2.39 -0.32	26.04 -1.99 0.00	24.42 -1.34 0.00
LOCKPORT___CC3 323771	21.30 -1.80 0.00	20.54 -1.67 0.00	19.78 -1.60 0.00	19.68 -1.67 0.00	20.11 -1.54 0.00	20.76 -1.52 0.00	22.14 -1.34 0.00	21.91 -1.96 0.00	22.10 -1.92 0.00	21.78 -1.71 0.00	22.85 -1.80 0.00	22.22 -1.60 0.00	21.25 -1.92 0.00	21.09 -2.01 0.00	20.95 -2.23 0.00	20.95 -2.15 0.00	22.90 -2.46 0.00	29.83 -2.38 0.00	33.64 -2.69 0.00	32.77 -2.73 0.00	29.06 -2.72 -0.48	26.35 -2.39 -0.32	26.04 -1.99 0.00	24.42 -1.34 0.00
LONG_LAKE_PHOENIX 24014	22.39 -0.72 0.00	21.52 -0.69 0.00	20.72 -0.66 0.00	20.67 -0.68 0.00	21.00 -0.65 0.00	21.63 -0.65 0.00	22.89 -0.59 0.00	23.27 -0.60 0.00	23.45 -0.58 0.00	22.95 -0.54 0.00	24.08 -0.57 0.00	23.25 -0.57 0.00	22.50 -0.67 0.00	22.37 -0.74 0.00	22.43 -0.74 0.00	22.42 -0.67 0.00	24.68 -0.68 0.00	31.57 -0.64 0.00	35.64 -0.69 0.00	34.79 -0.71 0.00	30.96 -0.66 -0.30	28.02 -0.60 -0.20	27.41 -0.62 0.00	25.24 -0.52 0.00
LOVETT___3 23632	24.26 1.16 0.00	23.12 0.91 0.00	22.22 0.83 0.00	22.20 0.85 0.00	22.49 0.84 0.00	23.10 0.82 0.00	24.65 1.17 0.00	25.37 1.50 0.00	25.56 1.54 0.00	25.05 1.55 0.00	26.37 1.73 0.00	25.39 1.57 0.00	24.54 1.37 0.00	24.42 1.32 0.00	24.64 1.46 0.00	24.64 1.55 0.00	27.19 1.83 0.00	34.63 2.42 0.00	38.94 2.62 0.00	38.09 2.59 0.00	36.52 2.25 -2.95	32.49 2.10 -1.97	30.18 2.16 0.00	27.64 1.88 0.00
LOVETT___4 23642	24.26 1.16 0.00	23.12 0.91 0.00	22.22 0.83 0.00	22.20 0.85 0.00	22.49 0.84 0.00	23.10 0.82 0.00	24.65 1.17 0.00	25.37 1.50 0.00	25.56 1.54 0.00	25.05 1.55 0.00	26.37 1.73 0.00	25.39 1.57 0.00	24.54 1.37 0.00	24.42 1.32 0.00	24.64 1.46 0.00	24.64 1.55 0.00	27.19 1.83 0.00	34.63 2.42 0.00	38.94 2.62 0.00	38.09 2.59 0.00	36.52 2.25 -2.95	32.49 2.10 -1.97	30.18 2.16 0.00	27.64 1.88 0.00
LOVETT___5 23593	24.26 1.16 0.00	23.12 0.91 0.00	22.22 0.83 0.00	22.20 0.85 0.00	22.49 0.84 0.00	23.10 0.82 0.00	24.65 1.17 0.00	25.37 1.50 0.00	25.56 1.54 0.00	25.05 1.55 0.00	26.37 1.73 0.00	25.39 1.57 0.00	24.54 1.37 0.00	24.42 1.32 0.00	24.64 1.46 0.00	24.64 1.55 0.00	27.19 1.83 0.00	34.63 2.42 0.00	38.94 2.62 0.00	38.09 2.59 0.00	36.52 2.25 -2.95	32.49 2.10 -1.97	30.18 2.16 0.00	27.64 1.88 0.00
LOWER RAQUET___HYD 24057	22.73 -0.37 0.00	21.97 -0.24 0.00	21.19 -0.19 0.00	21.20 -0.15 0.00	21.37 -0.28 0.00	21.92 -0.36 0.00	22.87 -0.61 0.00	23.13 -0.74 0.00	23.28 -0.74 0.00	22.70 -0.80 0.00	23.76 -0.89 0.00	22.98 -0.83 0.00	22.53 -0.65 0.00	22.57 -0.53 0.00	22.50 -0.67 0.00	22.29 -0.81 0.00	24.45 -0.91 0.00	30.93 -1.29 0.00	34.95 -1.38 0.00	34.12 -1.39 0.00	30.21 -1.16 -0.05	27.31 -1.14 -0.03	26.90 -1.12 0.00	24.78 -0.98 0.00
LOWER___HUDSON 24059	24.05 0.95 0.00	22.99 0.78 0.00	22.11 0.73 0.00	22.07 0.73 0.00	22.36 0.71 0.00	23.01 0.73 0.00	24.46 0.99 0.00	25.01 1.15 0.00	25.15 1.13 0.00	24.53 1.03 0.00	25.83 1.18 0.00	24.91 1.10 0.00	24.08 0.90 0.00	23.96 0.86 0.00	24.17 1.00 0.00	24.23 1.13 0.00	26.75 1.39 0.00	34.12 1.90 0.00	38.47 2.14 0.00	37.67 2.17 0.00	36.97 1.85 -3.81	32.63 1.68 -2.54	29.71 1.68 0.00	27.25 1.49 0.00
LOWVILLE_115KV_TB2 356335	23.08 -0.02 0.00	22.17 -0.04 0.00	21.39 0.00 0.00	21.39 0.04 0.00	21.78 0.13 0.00	22.63 0.36 0.00	23.92 0.45 0.00	24.37 0.50 0.00	24.50 0.48 0.00	23.92 0.42 0.00	25.06 0.42 0.00	24.15 0.33 0.00	23.41 0.23 0.00	23.29 0.18 0.00	23.34 0.16 0.00	23.33 0.23 0.00	25.79 0.43 0.00	33.15 0.93 0.00	37.49 1.16 0.00	36.50 0.99 0.00	32.32 0.88 -0.13	29.18 0.68 -0.09	28.59 0.56 0.00	26.30 0.54 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	24.28 1.18 0.00	23.21 1.00 0.00	22.33 0.94 0.00	22.29 0.94 0.00	22.58 0.93 0.00	23.26 0.98 0.00	24.72 1.24 0.00	25.25 1.38 0.00	25.42 1.39 0.00	24.74 1.25 0.00	26.02 1.38 0.00	25.08 1.26 0.00	24.24 1.07 0.00	24.10 0.99 0.00	24.29 1.11 0.00	24.34 1.25 0.00	26.98 1.62 0.00	34.53 2.32 0.00	38.98 2.65 0.00	38.17 2.66 0.00	37.47 2.29 -3.88	33.02 2.02 -2.58	30.04 2.02 0.00	27.56 1.80 0.00
LUTHERNY_35_KV_BK2 355980	24.31 1.20 0.00	23.23 1.02 0.00	22.35 0.96 0.00	22.31 0.96 0.00	22.60 0.95 0.00	23.28 1.00 0.00	24.75 1.27 0.00	25.28 1.41 0.00	25.42 1.39 0.00	24.76 1.27 0.00	26.02 1.38 0.00	25.10 1.29 0.00	24.27 1.09 0.00	24.10 0.99 0.00	24.31 1.14 0.00	24.36 1.27 0.00	27.01 1.65 0.00	34.57 2.35 0.00	39.02 2.69 0.00	38.20 2.70 0.00	37.51 2.32 -3.88	33.04 2.05 -2.58	30.07 2.05 0.00	27.59 1.83 0.00
LWR___OSWEGATCHIE_HYD 23850	22.76 -0.35 0.00	21.92 -0.29 0.00	21.15 -0.24 0.00	21.16 -0.19 0.00	21.43 -0.22 0.00	22.12 -0.16 0.00	23.24 -0.23 0.00	23.58 -0.29 0.00	23.71 -0.31 0.00	23.14 -0.35 0.00	24.25 -0.39 0.00	23.39 -0.43 0.00	22.81 -0.37 0.00	22.76 -0.35 0.00	22.76 -0.42 0.00	22.66 -0.44 0.00	24.95 -0.41 0.00	31.86 -0.35 0.00	36.00 -0.33 0.00	35.11 -0.39 0.00	31.10 -0.31 -0.10	28.08 -0.40 -0.06	27.55 -0.48 0.00	25.37 -0.39 0.00



LYONS_FALL_HYD 23570	23.36 0.25 0.00	22.43 0.22 0.00	21.62 0.24 0.00	21.61 0.26 0.00	21.99 0.35 0.00	22.76 0.49 0.00	24.09 0.61 0.00	24.54 0.67 0.00	24.69 0.67 0.00	24.10 0.61 0.00	25.26 0.62 0.00	24.34 0.52 0.00	23.59 0.42 0.00	23.47 0.37 0.00	23.55 0.37 0.00	23.53 0.44 0.00	25.99 0.63 0.00	33.37 1.16 0.00	37.71 1.38 0.00	36.74 1.24 0.00	32.50 1.07 -0.12	29.41 0.91 -0.08	28.84 0.81 0.00	26.51 0.75 0.00
MADISON___COUNTY_LFGE 323628	23.71 0.60 0.00	22.77 0.56 0.00	21.92 0.53 0.00	21.88 0.53 0.00	22.28 0.63 0.00	22.97 0.69 0.00	24.32 0.85 0.00	24.80 0.93 0.00	24.96 0.94 0.00	24.34 0.85 0.00	25.53 0.89 0.00	24.60 0.79 0.00	23.83 0.65 0.00	23.68 0.58 0.00	23.78 0.60 0.00	23.76 0.67 0.00	26.22 0.86 0.00	33.63 1.42 0.00	37.96 1.63 0.00	37.03 1.53 0.00	32.84 1.32 -0.21	29.69 1.14 -0.14	29.12 1.09 0.00	26.82 1.06 0.00
MALONE___115KV_TB1 356076	23.43 0.32 0.00	22.61 0.40 0.00	21.86 0.47 0.00	21.86 0.51 0.00	21.93 0.28 0.00	22.65 0.38 0.00	23.69 0.21 0.00	23.94 0.07 0.00	24.10 0.07 0.00	23.52 0.02 0.00	24.62 -0.02 0.00	23.75 -0.07 0.00	23.25 0.07 0.00	23.27 0.16 0.00	23.13 -0.05 0.00	22.93 -0.16 0.00	25.13 -0.23 0.00	31.92 -0.29 0.00	36.07 -0.25 0.00	35.25 -0.25 0.00	31.19 -0.13 0.00	28.28 -0.14 0.00	27.77 -0.25 0.00	25.53 -0.23 0.00
MAPLEWOD_115KV_TB3 80458	23.89 0.79 0.00	22.81 0.60 0.00	21.94 0.56 0.00	21.92 0.58 0.00	22.19 0.54 0.00	22.83 0.56 0.00	24.25 0.77 0.00	24.80 0.93 0.00	24.96 0.94 0.00	24.34 0.85 0.00	25.65 1.01 0.00	24.75 0.93 0.00	23.99 0.81 0.00	23.84 0.74 0.00	24.06 0.88 0.00	24.09 0.99 0.00	26.58 1.22 0.00	33.92 1.71 0.00	38.22 1.89 0.00	37.38 1.88 0.00	36.73 1.63 -3.79	32.39 1.45 -2.52	29.48 1.46 0.00	27.05 1.29 0.00
MAPLE_RIDGE_WT_1 323574	22.78 -0.32 0.00	21.97 -0.24 0.00	21.17 -0.21 0.00	21.16 -0.19 0.00	21.45 -0.20 0.00	22.10 -0.18 0.00	23.22 -0.26 0.00	23.58 -0.29 0.00	23.76 -0.26 0.00	23.26 -0.23 0.00	24.40 -0.25 0.00	23.60 -0.21 0.00	23.04 -0.14 0.00	23.01 -0.09 0.00	23.04 -0.14 0.00	22.91 -0.19 0.00	25.13 -0.23 0.00	31.83 -0.39 0.00	35.89 -0.43 0.00	35.08 -0.42 0.00	30.97 -0.34 0.00	28.11 -0.31 0.00	27.69 -0.34 0.00	25.45 -0.31 0.00
MAPLE_RIDGE_WT_2 323611	22.78 -0.32 0.00	21.97 -0.24 0.00	21.17 -0.21 0.00	21.16 -0.19 0.00	21.45 -0.20 0.00	22.10 -0.18 0.00	23.22 -0.26 0.00	23.58 -0.29 0.00	23.76 -0.26 0.00	23.26 -0.23 0.00	24.40 -0.25 0.00	23.60 -0.21 0.00	23.04 -0.14 0.00	23.01 -0.09 0.00	23.04 -0.14 0.00	22.91 -0.19 0.00	25.13 -0.23 0.00	31.83 -0.39 0.00	35.89 -0.43 0.00	35.08 -0.42 0.00	30.97 -0.34 0.00	28.11 -0.31 0.00	27.69 -0.34 0.00	25.45 -0.31 0.00
MARBLE_RIVER_WT_PWR 323696	23.24 0.14 0.00	22.46 0.24 0.00	21.71 0.32 0.00	21.71 0.36 0.00	21.74 0.09 0.00	22.48 0.20 0.00	23.48 0.00 0.00	23.73 -0.14 0.00	23.86 -0.17 0.00	23.31 -0.19 0.00	24.40 -0.25 0.00	23.51 -0.31 0.00	23.02 -0.16 0.00	23.01 -0.09 0.00	22.87 -0.30 0.00	22.63 -0.46 0.00	24.80 -0.56 0.00	31.41 -0.80 0.00	35.49 -0.83 0.00	34.76 -0.75 0.00	30.78 -0.53 0.00	27.96 -0.46 0.00	27.52 -0.50 0.00	25.32 -0.44 0.00
MARSHVLE_115KV_TB1 80742	24.28 1.18 0.00	23.25 1.04 0.00	22.37 0.98 0.00	22.33 0.98 0.00	22.67 1.02 0.00	23.37 1.09 0.00	24.89 1.41 0.00	25.44 1.58 0.00	25.58 1.56 0.00	24.76 1.27 0.00	25.95 1.31 0.00	24.94 1.12 0.00	24.06 0.88 0.00	23.89 0.79 0.00	24.06 0.88 0.00	24.18 1.09 0.00	26.98 1.62 0.00	34.73 2.51 0.00	39.31 2.98 0.00	38.45 2.95 0.00	38.22 2.47 -4.44	33.65 2.27 -2.96	30.27 2.24 0.00	27.77 2.01 0.00
MARSH_HILL_WT_PWR 323713	23.73 0.62 0.00	22.77 0.56 0.00	21.96 0.58 0.00	21.93 0.58 0.00	22.38 0.74 0.00	23.08 0.80 0.00	24.61 1.13 0.00	24.94 1.08 0.00	25.08 1.06 0.00	24.58 1.08 0.00	25.75 1.11 0.00	24.86 1.05 0.00	23.94 0.76 0.00	23.68 0.58 0.00	23.71 0.53 0.00	23.76 0.67 0.00	26.25 0.89 0.00	34.02 1.80 0.00	38.55 2.22 0.00	37.60 2.09 0.00	33.35 1.31 -0.73	30.43 1.53 -0.48	29.65 1.62 0.00	27.43 1.67 0.00
MCINTYRE_115KV_TB2 80467	23.27 0.16 0.00	22.50 0.29 0.00	21.71 0.32 0.00	21.71 0.36 0.00	21.93 0.28 0.00	22.56 0.29 0.00	23.50 0.02 0.00	23.75 -0.12 0.00	23.88 -0.14 0.00	23.28 -0.21 0.00	24.35 -0.30 0.00	23.53 -0.29 0.00	23.08 -0.09 0.00	23.13 0.02 0.00	23.06 -0.12 0.00	22.86 -0.23 0.00	25.11 -0.25 0.00	31.80 -0.42 0.00	35.93 -0.40 0.00	35.08 -0.43 0.00	31.00 -0.31 0.00	28.05 -0.37 0.00	27.55 -0.48 0.00	25.35 -0.41 0.00
MECO___69_KV_BK1 80468	25.39 2.29 0.00	24.28 2.07 0.00	23.35 1.97 0.00	23.29 1.94 0.00	23.62 1.97 0.00	24.39 2.12 0.00	26.01 2.54 0.00	26.61 2.74 0.00	26.74 2.71 0.00	25.80 2.30 0.00	27.01 2.37 0.00	25.89 2.07 0.00	24.94 1.76 0.00	24.77 1.66 0.00	24.98 1.81 0.00	25.24 2.15 0.00	28.35 2.99 0.00	36.63 4.41 0.00	41.56 5.23 0.00	40.76 5.25 0.00	40.03 4.45 -4.27	35.21 3.95 -2.84	31.95 3.92 0.00	29.26 3.50 0.00
MENANDS___115KV_TB5 355628	23.77 0.67 0.00	22.70 0.49 0.00	21.84 0.45 0.00	21.82 0.47 0.00	22.08 0.43 0.00	22.70 0.42 0.00	24.14 0.66 0.00	24.68 0.81 0.00	24.82 0.79 0.00	24.22 0.73 0.00	25.56 0.91 0.00	24.65 0.83 0.00	23.89 0.72 0.00	23.75 0.65 0.00	23.99 0.81 0.00	24.02 0.92 0.00	26.45 1.09 0.00	33.73 1.51 0.00	38.00 1.67 0.00	37.17 1.67 0.00	36.54 1.44 -3.78	32.24 1.31 -2.52	29.34 1.32 0.00	26.92 1.16 0.00
MG INDUSTRY___DRP 24185	23.80 0.69 0.00	22.77 0.56 0.00	21.90 0.51 0.00	21.88 0.53 0.00	22.15 0.50 0.00	22.79 0.51 0.00	24.16 0.68 0.00	24.68 0.81 0.00	24.82 0.79 0.00	24.22 0.73 0.00	25.48 0.84 0.00	24.60 0.79 0.00	23.85 0.67 0.00	23.73 0.62 0.00	23.92 0.74 0.00	23.93 0.83 0.00	26.37 1.01 0.00	33.63 1.42 0.00	37.93 1.60 0.00	37.10 1.60 0.00	36.39 1.38 -3.70	32.10 1.22 -2.46	29.29 1.26 0.00	26.89 1.13 0.00
MID___OSWEGATCHIE_HYD 23849	22.76 -0.35 0.00	21.92 -0.29 0.00	21.15 -0.24 0.00	21.16 -0.19 0.00	21.43 -0.22 0.00	22.12 -0.16 0.00	23.24 -0.23 0.00	23.58 -0.29 0.00	23.71 -0.31 0.00	23.14 -0.35 0.00	24.25 -0.39 0.00	23.39 -0.43 0.00	22.81 -0.37 0.00	22.76 -0.35 0.00	22.76 -0.42 0.00	22.66 -0.44 0.00	24.95 -0.41 0.00	31.86 -0.35 0.00	36.00 -0.33 0.00	35.11 -0.39 0.00	31.10 -0.31 -0.10	28.08 -0.40 -0.06	27.55 -0.48 0.00	25.37 -0.39 0.00
MID___RAQUETTE_HYD 23851	22.74 -0.37 0.00	21.97 -0.24 0.00	21.19 -0.19 0.00	21.20 -0.15 0.00	21.37 -0.28 0.00	21.92 -0.36 0.00	22.87 -0.61 0.00	23.13 -0.74 0.00	23.28 -0.74 0.00	22.70 -0.80 0.00	23.76 -0.89 0.00	22.98 -0.83 0.00	22.53 -0.65 0.00	22.55 -0.55 0.00	22.50 -0.67 0.00	22.29 -0.81 0.00	24.45 -0.91 0.00	30.93 -1.29 0.00	34.95 -1.38 0.00	34.12 -1.38 0.00	30.21 -1.16 -0.05	27.31 -1.14 -0.03	26.90 -1.12 0.00	24.78 -0.98 0.00



MILLIKEN___1 23584	23.47 0.37 0.00	22.52 0.31 0.00	21.69 0.30 0.00	21.63 0.28 0.00	22.02 0.37 0.00	22.68 0.40 0.00	24.07 0.59 0.00	24.49 0.62 0.00	24.65 0.62 0.00	24.11 0.61 0.00	25.24 0.59 0.00	24.34 0.52 0.00	23.52 0.35 0.00	23.34 0.23 0.00	23.41 0.23 0.00	23.44 0.35 0.00	25.87 0.51 0.00	33.28 1.06 0.00	37.60 1.27 0.00	36.67 1.17 0.00	32.90 0.91 -0.68	29.69 0.82 -0.45	28.87 0.84 0.00	26.61 0.85 0.00
MILLIKEN___2 23585	23.47 0.37 0.00	22.52 0.31 0.00	21.69 0.30 0.00	21.63 0.28 0.00	22.02 0.37 0.00	22.68 0.40 0.00	24.07 0.59 0.00	24.49 0.62 0.00	24.65 0.62 0.00	24.11 0.61 0.00	25.24 0.59 0.00	24.34 0.52 0.00	23.52 0.35 0.00	23.34 0.23 0.00	23.41 0.23 0.00	23.44 0.35 0.00	25.87 0.51 0.00	33.28 1.06 0.00	37.60 1.27 0.00	36.67 1.17 0.00	32.90 0.91 -0.68	29.69 0.82 -0.45	28.87 0.84 0.00	26.61 0.85 0.00
MILLIKEN___DIESEL 23629	23.47 0.37 0.00	22.52 0.31 0.00	21.69 0.30 0.00	21.63 0.28 0.00	22.02 0.37 0.00	22.68 0.40 0.00	24.07 0.59 0.00	24.49 0.62 0.00	24.65 0.62 0.00	24.11 0.61 0.00	25.24 0.59 0.00	24.34 0.52 0.00	23.52 0.35 0.00	23.34 0.23 0.00	23.41 0.23 0.00	23.44 0.35 0.00	25.87 0.51 0.00	33.28 1.06 0.00	37.60 1.27 0.00	36.67 1.17 0.00	32.90 0.91 -0.68	29.69 0.82 -0.45	28.87 0.84 0.00	26.61 0.85 0.00
MILLSEAT___LFGE 323607	21.74 -1.36 0.00	20.95 -1.27 0.00	20.17 -1.22 0.00	20.07 -1.28 0.00	20.50 -1.15 0.00	21.14 -1.14 0.00	22.59 -0.89 0.00	22.44 -1.43 0.00	22.63 -1.39 0.00	22.30 -1.20 0.00	23.39 -1.26 0.00	22.70 -1.12 0.00	21.74 -1.44 0.00	21.56 -1.55 0.00	21.44 -1.74 0.00	21.43 -1.66 0.00	23.48 -1.88 0.00	30.61 -1.61 0.00	34.59 -1.74 0.00	33.69 -1.81 0.00	29.93 -1.85 -0.47	27.05 -1.68 -0.31	26.65 -1.37 0.00	24.91 -0.85 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	24.35 1.25 0.00	23.19 0.98 0.00	22.31 0.92 0.00	22.27 0.92 0.00	22.56 0.91 0.00	23.17 0.89 0.00	24.72 1.24 0.00	25.47 1.60 0.00	25.63 1.61 0.00	25.14 1.64 0.00	26.47 1.82 0.00	25.48 1.67 0.00	24.64 1.46 0.00	24.51 1.41 0.00	24.73 1.55 0.00	24.73 1.64 0.00	27.31 1.95 0.00	34.79 2.58 0.00	39.13 2.80 0.00	38.27 2.77 0.00	36.78 2.44 -3.02	32.67 2.24 -2.01	30.32 2.30 0.00	27.74 1.98 0.00
MILLWOOD_13_KV_LOAD 356217	24.40 1.29 0.00	23.23 1.02 0.00	22.35 0.96 0.00	22.31 0.96 0.00	22.60 0.95 0.00	23.19 0.91 0.00	24.75 1.27 0.00	25.52 1.65 0.00	25.70 1.68 0.00	25.19 1.69 0.00	26.54 1.90 0.00	25.56 1.74 0.00	24.68 1.51 0.00	24.54 1.43 0.00	24.78 1.60 0.00	24.78 1.69 0.00	27.36 2.00 0.00	34.89 2.67 0.00	39.24 2.91 0.00	38.38 2.88 0.00	36.87 2.54 -3.02	32.76 2.33 -2.01	30.38 2.35 0.00	27.82 2.06 0.00
MODEL_CITY_ENERGY 24167	21.07 -2.03 0.00	20.32 -1.89 0.00	19.57 -1.82 0.00	19.47 -1.88 0.00	19.90 -1.75 0.00	20.54 -1.74 0.00	21.88 -1.60 0.00	21.65 -2.22 0.00	21.86 -2.16 0.00	21.55 -1.95 0.00	22.57 -2.07 0.00	21.96 -1.86 0.00	21.02 -2.15 0.00	20.84 -2.26 0.00	20.72 -2.46 0.00	20.72 -2.38 0.00	22.65 -2.71 0.00	29.48 -2.74 0.00	33.24 -3.09 0.00	32.38 -3.12 0.00	28.76 -3.04 -0.48	26.07 -2.67 -0.32	25.73 -2.30 0.00	24.11 -1.65 0.00
MODERN_LFGE___ 323580	21.07 -2.03 0.00	20.32 -1.89 0.00	19.57 -1.82 0.00	19.47 -1.88 0.00	19.90 -1.75 0.00	20.54 -1.74 0.00	21.88 -1.60 0.00	21.65 -2.22 0.00	21.86 -2.16 0.00	21.55 -1.95 0.00	22.57 -2.07 0.00	21.96 -1.86 0.00	21.02 -2.15 0.00	20.84 -2.26 0.00	20.72 -2.46 0.00	20.72 -2.38 0.00	22.65 -2.71 0.00	29.48 -2.74 0.00	33.24 -3.09 0.00	32.38 -3.12 0.00	28.76 -3.04 -0.48	26.07 -2.67 -0.32	25.73 -2.30 0.00	24.11 -1.65 0.00
MOHAWK_PAPER___DRP 24187	23.89 0.79 0.00	22.81 0.60 0.00	21.94 0.56 0.00	21.92 0.58 0.00	22.19 0.54 0.00	22.83 0.56 0.00	24.25 0.77 0.00	24.80 0.93 0.00	24.96 0.94 0.00	24.34 0.85 0.00	25.65 1.01 0.00	24.75 0.93 0.00	23.99 0.81 0.00	23.84 0.74 0.00	24.06 0.88 0.00	24.09 0.99 0.00	26.58 1.22 0.00	33.92 1.71 0.00	38.22 1.89 0.00	37.38 1.88 0.00	36.73 1.63 -3.79	32.39 1.45 -2.52	29.48 1.46 0.00	27.05 1.29 0.00
MOHICAN___35_KV_115KV_LD 80490	24.40 1.29 0.00	23.30 1.09 0.00	22.41 1.03 0.00	22.37 1.02 0.00	22.67 1.02 0.00	23.37 1.09 0.00	24.86 1.39 0.00	25.44 1.58 0.00	25.58 1.56 0.00	24.88 1.39 0.00	26.15 1.50 0.00	25.17 1.36 0.00	24.31 1.14 0.00	24.14 1.04 0.00	24.34 1.16 0.00	24.43 1.34 0.00	27.16 1.80 0.00	34.86 2.64 0.00	39.38 3.05 0.00	38.59 3.09 0.00	37.82 2.63 -3.88	33.30 2.30 -2.58	30.30 2.27 0.00	27.77 2.01 0.00
MONGAUP___HYD 23641	24.17 1.06 0.00	23.01 0.80 0.00	22.16 0.77 0.00	22.12 0.77 0.00	22.38 0.74 0.00	22.99 0.71 0.00	24.51 1.03 0.00	25.11 1.24 0.00	25.25 1.22 0.00	24.67 1.17 0.00	25.88 1.23 0.00	24.91 1.10 0.00	24.08 0.90 0.00	23.94 0.83 0.00	24.15 0.97 0.00	24.23 1.13 0.00	26.60 1.24 0.00	34.31 2.09 0.00	38.36 2.03 0.00	37.52 2.02 0.00	35.90 1.78 -2.80	32.13 1.85 -1.87	29.93 1.91 0.00	27.20 1.44 0.00
MONTAUK___DIESEL 23721	28.35 2.61 -2.63	24.64 2.33 -0.10	23.61 2.22 0.00	23.57 2.22 0.00	23.90 2.25 0.00	24.50 2.23 0.00	26.65 2.72 -0.45	30.62 3.06 -3.69	32.22 3.05 -5.15	31.13 3.08 -4.56	28.10 3.30 -0.15	26.92 3.00 -0.10	26.57 2.85 -0.54	26.00 2.75 -0.15	28.68 2.90 -2.60	32.32 3.00 -6.23	33.73 3.50 -4.87	39.90 4.64 -3.05	45.76 5.20 -4.24	41.42 5.08 -0.84	38.75 4.38 -3.05	34.85 3.89 -2.54	33.75 3.90 -1.83	33.11 3.50 -3.84
MOONROAD_115KV_HARTFLD_TB1-2 355988	22.04 -1.06 0.00	21.23 -0.98 0.00	20.42 -0.96 0.00	20.32 -1.02 0.00	20.80 -0.84 0.00	21.45 -0.82 0.00	22.89 -0.59 0.00	22.82 -1.05 0.00	23.04 -0.98 0.00	22.81 -0.68 0.00	24.03 -0.62 0.00	23.36 -0.45 0.00	22.39 -0.79 0.00	22.23 -0.88 0.00	22.06 -1.11 0.00	22.10 -0.99 0.00	24.19 -1.17 0.00	31.70 -0.52 0.00	35.86 -0.47 0.00	34.86 -0.64 0.00	30.32 -1.53 -0.54	27.41 -1.36 -0.36	27.58 -0.45 0.00	25.79 0.03 0.00
MORTIMER_115KV_TB3 55949	22.07 -1.04 0.00	21.23 -0.98 0.00	20.45 -0.94 0.00	20.37 -0.98 0.00	20.76 -0.89 0.00	21.41 -0.87 0.00	22.77 -0.70 0.00	22.87 -1.00 0.00	23.06 -0.96 0.00	22.65 -0.85 0.00	23.78 -0.86 0.00	23.03 -0.79 0.00	22.16 -1.02 0.00	22.00 -1.11 0.00	21.95 -1.23 0.00	21.94 -1.15 0.00	24.07 -1.29 0.00	31.12 -1.10 0.00	35.17 -1.16 0.00	34.33 -1.17 0.00	30.73 -1.00 -0.42	27.79 -0.91 -0.28	27.04 -0.98 0.00	25.12 -0.64 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	24.51 1.41 0.00	23.30 1.09 0.00	22.41 1.03 0.00	22.37 1.02 0.00	22.67 1.02 0.00	23.26 0.98 0.00	24.82 1.34 0.00	25.61 1.74 0.00	25.80 1.78 0.00	25.33 1.83 0.00	26.69 2.05 0.00	25.72 1.91 0.00	24.87 1.69 0.00	24.72 1.62 0.00	24.98 1.78 -0.02	24.96 1.87 0.00	27.58 2.21 -0.02	35.08 2.87 0.00	39.38 3.05 0.00	38.52 3.02 0.00	37.00 2.63 -3.05	32.92 2.47 -2.03	30.58 2.55 0.00	27.98 2.22 0.00



MUNSVILLE_WIND_PWR 323609	25.30 2.20 0.00	24.23 2.02 0.00	23.33 1.95 0.00	23.27 1.92 0.00	23.81 2.16 0.00	24.48 2.21 0.00	26.08 2.61 0.00	26.61 2.74 0.00	26.69 2.67 0.00	26.03 2.54 0.00	27.25 2.61 0.00	26.18 2.36 0.00	25.10 1.92 0.00	24.81 1.71 0.00	24.82 1.65 0.00	24.99 1.89 0.00	27.85 2.49 0.00	36.43 4.22 0.00	41.45 5.12 0.00	40.33 4.83 0.00	36.48 4.17 -1.00	32.84 3.75 -0.67	31.61 3.59 0.00	29.21 3.45 0.00
N SALMON___HYD 24042	23.43 0.32 0.00	22.61 0.40 0.00	21.86 0.47 0.00	21.86 0.51 0.00	21.93 0.28 0.00	22.65 0.38 0.00	23.69 0.21 0.00	23.94 0.07 0.00	24.10 0.07 0.00	23.52 0.02 0.00	24.62 -0.02 0.00	23.75 -0.07 0.00	23.25 0.07 0.00	23.27 0.16 0.00	23.15 -0.02 0.00	22.93 -0.16 0.00	25.13 -0.23 0.00	31.92 -0.29 0.00	36.08 -0.25 0.00	35.26 -0.25 0.00	31.19 -0.12 0.00	28.28 -0.14 0.00	27.77 -0.25 0.00	25.53 -0.23 0.00
N.AKRON___115KV_KNAPP 355671	21.74 -1.36 0.00	20.94 -1.27 0.00	20.17 -1.22 0.00	20.05 -1.30 0.00	20.48 -1.17 0.00	21.14 -1.14 0.00	22.54 -0.94 0.00	22.41 -1.46 0.00	22.63 -1.39 0.00	22.27 -1.22 0.00	23.39 -1.26 0.00	22.70 -1.12 0.00	21.72 -1.46 0.00	21.53 -1.57 0.00	21.44 -1.74 0.00	21.43 -1.66 0.00	23.46 -1.90 0.00	30.57 -1.64 0.00	34.55 -1.78 0.00	33.66 -1.85 0.00	29.90 -1.88 -0.47	27.02 -1.71 -0.31	26.62 -1.40 0.00	24.91 -0.85 0.00
N.BELMOR_69_KV_BK1 55787	27.58 1.85 -2.63	23.84 1.53 -0.10	22.82 1.43 0.00	22.78 1.43 0.00	23.08 1.43 0.00	23.70 1.43 0.00	25.76 1.83 -0.45	29.90 2.17 -3.85	31.40 2.21 -5.17	30.32 2.21 -4.61	27.46 2.42 -0.40	26.61 2.21 -0.58	26.32 2.04 -1.10	25.87 1.94 -0.83	28.01 2.13 -2.70	31.56 2.24 -6.23	32.82 2.59 -4.87	38.71 3.45 -3.05	44.31 3.74 -4.24	40.03 3.69 -0.84	37.59 3.23 -3.05	33.91 2.96 -2.54	32.88 3.03 -1.83	32.28 2.68 -3.84
N.E_GEN_SANDY PD 24062	24.19 1.09 0.00	23.10 0.89 0.00	22.22 0.83 0.00	22.18 0.83 0.00	22.47 0.82 0.00	23.10 0.82 0.00	26.00 1.10 -1.42	26.90 1.31 -1.72	25.34 1.32 0.00	24.74 1.24 0.00	26.07 1.43 0.00	25.13 1.31 0.00	24.29 1.11 0.00	24.15 1.04 0.00	24.40 1.23 0.00	24.68 1.36 -0.22	27.03 1.60 -0.07	34.05 2.13 0.29	38.66 2.33 0.00	37.85 2.34 0.00	36.81 2.03 -3.46	32.60 1.88 -2.31	29.90 1.88 0.00	27.43 1.67 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	24.31 1.20 0.00	23.14 0.93 0.00	22.26 0.88 0.00	22.22 0.88 0.00	22.54 0.89 0.00	23.12 0.85 0.00	24.68 1.20 0.00	25.40 1.53 0.00	25.58 1.56 0.00	25.07 1.57 0.00	26.37 1.73 0.00	25.41 1.60 0.00	24.57 1.39 0.00	24.42 1.32 0.00	24.64 1.46 0.00	24.66 1.57 0.00	27.21 1.85 0.00	34.70 2.48 0.00	38.98 2.65 0.00	38.13 2.63 0.00	36.58 2.32 -2.95	32.51 2.13 -1.96	30.21 2.19 0.00	27.67 1.91 0.00
N.QUEENS_27_KV_LOAD 356247	24.56 1.46 0.00	23.37 1.15 0.00	22.52 1.13 0.00	22.48 1.13 0.00	22.77 1.13 0.00	23.26 0.98 0.00	24.77 1.29 0.00	25.56 1.69 0.00	25.78 1.75 0.00	25.33 1.83 0.00	26.68 2.05 0.01	25.71 1.91 0.01	24.86 1.69 0.01	24.74 1.64 0.01	25.05 1.85 -0.02	25.01 1.92 0.00	27.63 2.26 -0.02	35.09 2.87 -0.01	39.38 3.05 0.00	38.52 3.02 0.00	36.99 2.63 -3.05	32.96 2.50 -2.04	30.67 2.63 -0.01	27.93 2.16 -0.01
N.TROY___115KV_TB1 355778	24.05 0.95 0.00	22.99 0.78 0.00	22.11 0.73 0.00	22.07 0.73 0.00	22.36 0.71 0.00	23.01 0.74 0.00	24.46 0.99 0.00	25.01 1.15 0.00	25.15 1.13 0.00	24.53 1.03 0.00	25.83 1.18 0.00	24.91 1.10 0.00	24.08 0.90 0.00	23.96 0.85 0.00	24.17 1.00 0.00	24.23 1.13 0.00	26.75 1.39 0.00	34.12 1.90 0.00	38.47 2.14 0.00	37.67 2.17 0.00	36.97 1.85 -3.81	32.63 1.68 -2.54	29.68 1.65 0.00	27.25 1.49 0.00
NARROWS_GT1_1 24228	24.75 1.64 -0.01	23.53 1.31 -0.01	22.63 1.24 -0.01	22.59 1.24 -0.01	22.89 1.23 -0.01	23.41 1.14 0.00	24.91 1.43 0.00	25.66 1.79 0.00	25.90 1.88 0.00	25.44 1.95 0.00	53.69 2.17 -26.88	57.05 2.02 -31.21	74.78 1.81 -49.80	61.50 1.76 -36.64	25.11 1.92 -0.02	25.10 2.01 0.00	27.73 2.36 -0.02	44.55 3.03 -9.31	39.56 3.23 0.00	38.70 3.20 0.00	49.83 2.79 -15.73	34.04 2.64 -2.98	30.66 2.58 -0.06	43.28 2.34 -15.18
NARROWS_GT1_2 24229	24.75 1.64 -0.01	23.53 1.31 -0.01	22.63 1.24 -0.01	22.59 1.24 -0.01	22.89 1.23 -0.01	23.41 1.14 0.00	24.91 1.43 0.00	25.66 1.79 0.00	25.90 1.88 0.00	25.44 1.95 0.00	53.69 2.17 -26.88	57.05 2.02 -31.21	74.78 1.81 -49.80	61.50 1.76 -36.64	25.11 1.92 -0.02	25.10 2.01 0.00	27.73 2.36 -0.02	44.55 3.03 -9.31	39.56 3.23 0.00	38.70 3.20 0.00	49.83 2.79 -15.73	34.04 2.64 -2.98	30.66 2.58 -0.06	43.28 2.34 -15.18
NARROWS_GT1_3 24230	24.75 1.64 -0.01	23.53 1.31 -0.01	22.63 1.24 -0.01	22.59 1.24 -0.01	22.89 1.23 -0.01	23.41 1.14 0.00	24.91 1.43 0.00	25.66 1.79 0.00	25.90 1.88 0.00	25.44 1.95 0.00	53.69 2.17 -26.88	57.05 2.02 -31.21	74.78 1.81 -49.80	61.50 1.76 -36.64	25.11 1.92 -0.02	25.10 2.01 0.00	27.73 2.36 -0.02	44.55 3.03 -9.31	39.56 3.23 0.00	38.70 3.20 0.00	49.83 2.79 -15.73	34.04 2.64 -2.98	30.66 2.58 -0.06	43.28 2.34 -15.18
NARROWS_GT1_4 24231	24.75 1.64 -0.01	23.53 1.31 -0.01	22.63 1.24 -0.01	22.59 1.24 -0.01	22.89 1.23 -0.01	23.41 1.14 0.00	24.91 1.43 0.00	25.66 1.79 0.00	25.90 1.88 0.00	25.44 1.95 0.00	53.69 2.17 -26.88	57.05 2.02 -31.21	74.78 1.81 -49.80	61.50 1.76 -36.64	25.11 1.92 -0.02	25.10 2.01 0.00	27.73 2.36 -0.02	44.55 3.03 -9.31	39.56 3.23 0.00	38.70 3.20 0.00	49.83 2.79 -15.73	34.04 2.64 -2.98	30.66 2.58 -0.06	43.28 2.34 -15.18
NARROWS_GT1_5 24232	24.75 1.64 -0.01	23.53 1.31 -0.01	22.63 1.24 -0.01	22.59 1.24 -0.01	22.89 1.23 -0.01	23.41 1.14 0.00	24.91 1.43 0.00	25.66 1.79 0.00	25.90 1.88 0.00	25.44 1.95 0.00	53.69 2.17 -26.88	57.05 2.02 -31.21	74.78 1.81 -49.80	61.50 1.76 -36.64	25.11 1.92 -0.02	25.10 2.01 0.00	27.73 2.36 -0.02	44.55 3.03 -9.31	39.56 3.23 0.00	38.70 3.20 0.00	49.83 2.79 -15.73	34.04 2.64 -2.98	30.66 2.58 -0.06	43.28 2.34 -15.18
NARROWS_GT1_6 24233	24.75 1.64 -0.01	23.53 1.31 -0.01	22.63 1.24 -0.01	22.59 1.24 -0.01	22.89 1.23 -0.01	23.41 1.14 0.00	24.91 1.43 0.00	25.66 1.79 0.00	25.90 1.88 0.00	25.44 1.95 0.00	53.69 2.17 -26.88	57.05 2.02 -31.21	74.78 1.81 -49.80	61.50 1.76 -36.64	25.11 1.92 -0.02	25.10 2.01 0.00	27.73 2.36 -0.02	44.55 3.03 -9.31	39.56 3.23 0.00	38.70 3.20 0.00	49.83 2.79 -15.73	34.04 2.64 -2.98	30.66 2.58 -0.06	43.28 2.34 -15.18
NARROWS_GT1_7 24234	24.75 1.64 -0.01	23.53 1.31 -0.01	22.63 1.24 -0.01	22.59 1.24 -0.01	22.89 1.23 -0.01	23.41 1.14 0.00	24.91 1.43 0.00	25.66 1.79 0.00	25.90 1.88 0.00	25.44 1.95 0.00	53.69 2.17 -26.88	57.05 2.02 -31.21	74.78 1.81 -49.80	61.50 1.76 -36.64	25.11 1.92 -0.02	25.10 2.01 0.00	27.73 2.36 -0.02	44.55 3.03 -9.31	39.56 3.23 0.00	38.70 3.20 0.00	49.83 2.79 -15.73	34.04 2.64 -2.98	30.66 2.58 -0.06	43.28 2.34 -15.18



NARROWS_GT1_8 24235	24.75 1.64 -0.01	23.53 1.31 -0.01	22.63 1.24 -0.01	22.59 1.24 -0.01	22.89 1.23 -0.01	23.41 1.14 0.00	24.91 1.43 0.00	25.66 1.79 0.00	25.90 1.88 0.00	25.44 1.95 0.00	53.69 2.17 -26.88	57.05 2.02 -31.21	74.78 1.81 -49.80	61.50 1.76 -36.64	25.11 1.92 -0.02	25.10 2.01 0.00	27.73 2.36 -0.02	44.55 3.03 -9.31	39.56 3.23 0.00	38.70 3.20 0.00	49.83 2.79 -15.73	34.04 2.64 -2.98	30.66 2.58 -0.06	43.28 2.34 -15.18
NARROWS_GT2_1 24236	24.75 1.64 -0.01	23.53 1.31 -0.01	22.63 1.24 -0.01	22.59 1.24 -0.01	22.89 1.23 -0.01	23.41 1.14 0.00	24.91 1.43 0.00	25.66 1.79 0.00	25.90 1.88 0.00	25.44 1.95 0.00	53.69 2.17 -26.88	57.05 2.02 -31.21	74.78 1.81 -49.80	61.50 1.76 -36.64	25.11 1.92 -0.02	25.10 2.01 0.00	27.73 2.36 -0.02	44.55 3.03 -9.31	39.56 3.23 0.00	38.70 3.20 0.00	49.83 2.79 -15.73	34.04 2.64 -2.98	30.66 2.58 -0.06	43.28 2.34 -15.18
NARROWS_GT2_2 24237	24.75 1.64 -0.01	23.53 1.31 -0.01	22.63 1.24 -0.01	22.59 1.24 -0.01	22.89 1.23 -0.01	23.41 1.14 0.00	24.91 1.43 0.00	25.66 1.79 0.00	25.90 1.88 0.00	25.44 1.95 0.00	53.69 2.17 -26.88	57.05 2.02 -31.21	74.78 1.81 -49.80	61.50 1.76 -36.64	25.11 1.92 -0.02	25.10 2.01 0.00	27.73 2.36 -0.02	44.55 3.03 -9.31	39.56 3.23 0.00	38.70 3.20 0.00	49.83 2.79 -15.73	34.04 2.64 -2.98	30.66 2.58 -0.06	43.28 2.34 -15.18
NARROWS_GT2_3 24238	24.75 1.64 -0.01	23.53 1.31 -0.01	22.63 1.24 -0.01	22.59 1.24 -0.01	22.89 1.23 -0.01	23.41 1.14 0.00	24.91 1.43 0.00	25.66 1.79 0.00	25.90 1.88 0.00	25.44 1.95 0.00	53.69 2.17 -26.88	57.05 2.02 -31.21	74.78 1.81 -49.80	61.50 1.76 -36.64	25.11 1.92 -0.02	25.10 2.01 0.00	27.73 2.36 -0.02	44.55 3.03 -9.31	39.56 3.23 0.00	38.70 3.20 0.00	49.83 2.79 -15.73	34.04 2.64 -2.98	30.66 2.58 -0.06	43.28 2.34 -15.18
NARROWS_GT2_4 24239	24.75 1.64 -0.01	23.53 1.31 -0.01	22.63 1.24 -0.01	22.59 1.24 -0.01	22.89 1.23 -0.01	23.41 1.14 0.00	24.91 1.43 0.00	25.66 1.79 0.00	25.90 1.88 0.00	25.44 1.95 0.00	53.69 2.17 -26.88	57.05 2.02 -31.21	74.78 1.81 -49.80	61.50 1.76 -36.64	25.11 1.92 -0.02	25.10 2.01 0.00	27.73 2.36 -0.02	44.55 3.03 -9.31	39.56 3.23 0.00	38.70 3.20 0.00	49.83 2.79 -15.73	34.04 2.64 -2.98	30.66 2.58 -0.06	43.28 2.34 -15.18
NARROWS_GT2_5 24240	24.75 1.64 -0.01	23.53 1.31 -0.01	22.63 1.24 -0.01	22.59 1.24 -0.01	22.89 1.23 -0.01	23.41 1.14 0.00	24.91 1.43 0.00	25.66 1.79 0.00	25.90 1.88 0.00	25.44 1.95 0.00	53.69 2.17 -26.88	57.05 2.02 -31.21	74.78 1.81 -49.80	61.50 1.76 -36.64	25.11 1.92 -0.02	25.10 2.01 0.00	27.73 2.36 -0.02	44.55 3.03 -9.31	39.56 3.23 0.00	38.70 3.20 0.00	49.83 2.79 -15.73	34.04 2.64 -2.98	30.66 2.58 -0.06	43.28 2.34 -15.18
NARROWS_GT2_6 24241	24.75 1.64 -0.01	23.53 1.31 -0.01	22.63 1.24 -0.01	22.59 1.24 -0.01	22.89 1.23 -0.01	23.41 1.14 0.00	24.91 1.43 0.00	25.66 1.79 0.00	25.90 1.88 0.00	25.44 1.95 0.00	53.69 2.17 -26.88	57.05 2.02 -31.21	74.78 1.81 -49.80	61.50 1.76 -36.64	25.11 1.92 -0.02	25.10 2.01 0.00	27.73 2.36 -0.02	44.55 3.03 -9.31	39.56 3.23 0.00	38.70 3.20 0.00	49.83 2.79 -15.73	34.04 2.64 -2.98	30.66 2.58 -0.06	43.28 2.34 -15.18
NARROWS_GT2_7 24242	24.75 1.64 -0.01	23.53 1.31 -0.01	22.63 1.24 -0.01	22.59 1.24 -0.01	22.89 1.23 -0.01	23.41 1.14 0.00	24.91 1.43 0.00	25.66 1.79 0.00	25.90 1.88 0.00	25.44 1.95 0.00	53.69 2.17 -26.88	57.05 2.02 -31.21	74.78 1.81 -49.80	61.50 1.76 -36.64	25.11 1.92 -0.02	25.10 2.01 0.00	27.73 2.36 -0.02	44.55 3.03 -9.31	39.56 3.23 0.00	38.70 3.20 0.00	49.83 2.79 -15.73	34.04 2.64 -2.98	30.66 2.58 -0.06	43.28 2.34 -15.18
NARROWS_GT2_8 24243	24.75 1.64 -0.01	23.53 1.31 -0.01	22.63 1.24 -0.01	22.59 1.24 -0.01	22.89 1.23 -0.01	23.41 1.14 0.00	24.91 1.43 0.00	25.66 1.79 0.00	25.90 1.88 0.00	25.44 1.95 0.00	53.69 2.17 -26.88	57.05 2.02 -31.21	74.78 1.81 -49.80	61.50 1.76 -36.64	25.11 1.92 -0.02	25.10 2.01 0.00	27.73 2.36 -0.02	44.55 3.03 -9.31	39.56 3.23 0.00	38.70 3.20 0.00	49.83 2.79 -15.73	34.04 2.64 -2.98	30.66 2.58 -0.06	43.28 2.34 -15.18
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	24.19 1.09 0.00	23.08 0.87 0.00	22.22 0.83 0.00	22.18 0.83 0.00	22.43 0.78 0.00	23.05 0.78 0.00	24.49 1.01 0.00	24.99 1.12 0.00	25.08 1.06 0.00	24.36 0.87 0.00	25.58 0.94 0.00	24.63 0.81 0.00	23.87 0.70 0.00	23.71 0.60 0.00	23.94 0.76 0.00	24.06 0.97 0.00	26.70 1.34 0.00	34.24 2.03 0.00	38.69 2.36 0.00	37.85 2.34 0.00	36.72 1.85 -3.56	32.32 1.53 -2.37	29.76 1.74 0.00	27.31 1.55 0.00
NCHELSEA_115KV_TR2 355582	24.61 1.50 0.00	23.43 1.22 0.00	22.54 1.15 0.00	22.50 1.15 0.00	22.75 1.10 0.00	23.37 1.09 0.00	24.93 1.46 0.00	25.61 1.74 0.00	25.78 1.75 0.00	25.21 1.72 0.00	26.49 1.85 0.00	25.48 1.67 0.00	24.61 1.44 0.00	24.47 1.36 0.00	24.71 1.53 0.00	24.76 1.66 0.00	27.41 2.05 0.00	35.05 2.83 0.00	39.49 3.16 0.00	38.63 3.12 0.00	37.09 2.72 -3.05	32.87 2.42 -2.03	30.52 2.49 0.00	27.95 2.19 0.00
NEG CAPITAL___MECHNVIL 23645	24.28 1.18 0.00	23.21 1.00 0.00	22.33 0.94 0.00	22.29 0.94 0.00	22.58 0.93 0.00	23.25 0.98 0.00	24.72 1.24 0.00	25.28 1.41 0.00	25.42 1.39 0.00	24.76 1.27 0.00	26.05 1.40 0.00	25.10 1.29 0.00	24.27 1.09 0.00	24.10 0.99 0.00	24.29 1.11 0.00	24.39 1.29 0.00	27.01 1.65 0.00	34.57 2.35 0.00	39.02 2.69 0.00	38.20 2.70 0.00	37.49 2.32 -3.86	33.06 2.07 -2.57	30.10 2.07 0.00	27.59 1.83 0.00
NEG CENTRAL_HIGH_ACRES 23767	21.83 -1.27 0.00	20.99 -1.22 0.00	20.23 -1.16 0.00	20.15 -1.20 0.00	20.52 -1.13 0.00	21.14 -1.14 0.00	22.49 -0.99 0.00	22.68 -1.19 0.00	22.85 -1.18 0.00	22.41 -1.08 0.00	23.54 -1.11 0.00	22.77 -1.05 0.00	21.95 -1.23 0.00	21.76 -1.34 0.00	21.76 -1.41 0.00	21.75 -1.34 0.00	23.89 -1.47 0.00	30.83 -1.38 0.00	34.84 -1.49 0.00	34.01 -1.49 0.00	30.44 -1.29 -0.41	27.39 -1.31 -0.28	26.79 -1.23 0.00	24.78 -0.98 0.00
NEG CENTRAL___DRP 24199	22.99 -0.12 0.00	22.06 -0.16 0.00	21.26 -0.13 0.00	21.18 -0.17 0.00	21.58 -0.06 0.00	22.23 -0.04 0.00	23.64 0.16 0.00	23.96 0.10 0.00	24.14 0.12 0.00	23.64 0.14 0.00	24.77 0.12 0.00	23.91 0.10 0.00	23.08 -0.09 0.00	22.90 -0.21 0.00	22.94 -0.23 0.00	22.96 -0.14 0.00	25.28 -0.08 0.00	32.50 0.29 0.00	36.76 0.44 0.00	35.86 0.36 0.00	31.93 0.16 -0.46	28.92 0.20 -0.31	28.28 0.25 0.00	26.09 0.33 0.00
NEG CENTRAL___INDECK 23768	23.52 0.42 0.00	22.56 0.35 0.00	21.75 0.36 0.00	21.69 0.34 0.00	22.12 0.48 0.00	22.79 0.51 0.00	24.39 0.91 0.00	24.63 0.76 0.00	24.77 0.75 0.00	24.20 0.70 0.00	25.36 0.72 0.00	24.48 0.67 0.00	23.48 0.30 0.00	23.27 0.16 0.00	23.27 0.09 0.00	23.35 0.25 0.00	25.79 0.43 0.00	33.57 1.35 0.00	38.07 1.74 0.00	37.17 1.67 0.00	33.13 1.19 -0.63	29.94 1.11 -0.42	29.15 1.12 0.00	27.00 1.24 0.00



NEG CENTRAL___SENECA 23627	23.17 0.07 0.00	22.23 0.02 0.00	21.43 0.04 0.00	21.35 0.00 0.00	21.78 0.13 0.00	22.43 0.16 0.00	23.90 0.42 0.00	24.20 0.33 0.00	24.36 0.34 0.00	23.85 0.35 0.00	24.99 0.35 0.00	24.13 0.31 0.00	23.27 0.09 0.00	23.06 -0.05 0.00	23.08 -0.09 0.00	23.12 0.02 0.00	25.49 0.13 0.00	32.79 0.58 0.00	37.13 0.80 0.00	36.21 0.71 0.00	32.20 0.38 -0.51	29.21 0.45 -0.34	28.56 0.53 0.00	26.40 0.64 0.00
NEG CENTRAL___STATE_STREET 24147	22.94 -0.16 0.00	22.03 -0.18 0.00	21.22 -0.17 0.00	21.16 -0.19 0.00	21.54 -0.11 0.00	22.19 -0.09 0.00	23.53 0.05 0.00	23.92 0.05 0.00	24.10 0.07 0.00	23.59 0.09 0.00	24.74 0.10 0.00	23.89 0.07 0.00	23.08 -0.09 0.00	22.90 -0.21 0.00	22.94 -0.23 0.00	22.96 -0.14 0.00	25.28 -0.08 0.00	32.47 0.26 0.00	36.69 0.36 0.00	35.82 0.32 0.00	31.95 0.19 -0.45	28.89 0.17 -0.30	28.19 0.17 0.00	25.97 0.21 0.00
NEG MILLWOOD___DRP 24198	24.65 1.55 0.00	23.50 1.29 0.00	22.58 1.20 0.00	22.57 1.22 0.00	22.77 1.13 0.00	23.39 1.11 0.00	24.98 1.50 0.00	25.75 1.89 0.00	25.90 1.87 0.00	25.35 1.86 0.00	26.71 2.07 0.00	25.67 1.86 0.00	24.78 1.60 0.00	24.63 1.52 0.00	24.84 1.67 0.00	24.92 1.82 0.00	27.57 2.21 0.00	35.24 3.03 0.00	39.67 3.34 0.00	38.80 3.30 0.00	37.38 2.97 -3.09	33.09 2.61 -2.06	30.69 2.66 0.00	28.08 2.32 0.00
NEG NORTH_FLCN_SEA 23793	23.59 0.49 0.00	22.77 0.56 0.00	22.03 0.64 0.00	22.03 0.68 0.00	21.91 0.26 0.00	22.65 0.38 0.00	23.69 0.21 0.00	23.92 0.05 0.00	24.07 0.05 0.00	23.50 0.00 0.00	24.59 -0.05 0.00	23.70 -0.12 0.00	23.20 0.02 0.00	23.20 0.09 0.00	23.04 -0.14 0.00	22.82 -0.28 0.00	25.00 -0.36 0.00	31.73 -0.48 0.00	35.86 -0.47 0.00	35.11 -0.39 0.00	31.09 -0.22 0.00	28.22 -0.20 0.00	27.77 -0.25 0.00	25.53 -0.23 0.00
NEG NORTH_KES_CHATEGAY 23792	23.31 0.21 0.00	22.52 0.31 0.00	21.77 0.38 0.00	21.78 0.43 0.00	21.82 0.17 0.00	22.54 0.27 0.00	23.55 0.07 0.00	23.80 -0.07 0.00	23.93 -0.10 0.00	23.35 -0.14 0.00	24.45 -0.20 0.00	23.58 -0.24 0.00	23.08 -0.09 0.00	23.10 0.00 0.00	22.97 -0.21 0.00	22.75 -0.35 0.00	24.90 -0.46 0.00	31.57 -0.64 0.00	35.68 -0.65 0.00	34.90 -0.60 0.00	30.91 -0.41 0.00	28.08 -0.34 0.00	27.60 -0.42 0.00	25.37 -0.39 0.00
NEG NORTH___ALICE_FALLS 23915	23.66 0.55 0.00	22.81 0.60 0.00	22.07 0.68 0.00	22.07 0.73 0.00	22.04 0.39 0.00	22.79 0.51 0.00	23.83 0.35 0.00	24.06 0.19 0.00	24.22 0.19 0.00	23.66 0.16 0.00	24.77 0.12 0.00	23.86 0.05 0.00	23.34 0.16 0.00	23.34 0.23 0.00	23.18 0.00 0.00	22.98 -0.12 0.00	25.18 -0.18 0.00	32.02 -0.19 0.00	36.18 -0.15 0.00	35.40 -0.11 0.00	31.31 0.00 0.00	28.42 0.00 0.00	27.94 -0.08 0.00	25.68 -0.08 0.00
NEG NORTH___LWR_SARANAC 23913	23.66 0.55 0.00	22.81 0.60 0.00	22.07 0.68 0.00	22.07 0.73 0.00	22.04 0.39 0.00	22.79 0.51 0.00	23.83 0.35 0.00	24.06 0.19 0.00	24.22 0.19 0.00	23.66 0.16 0.00	24.77 0.12 0.00	23.86 0.05 0.00	23.34 0.16 0.00	23.34 0.23 0.00	23.18 0.00 0.00	22.98 -0.12 0.00	25.18 -0.18 0.00	32.02 -0.19 0.00	36.18 -0.15 0.00	35.40 -0.11 0.00	31.31 0.00 0.00	28.42 0.00 0.00	27.94 -0.08 0.00	25.68 -0.08 0.00
NEG NORTH___PLATTSBURG 23628	23.66 0.55 0.00	22.81 0.60 0.00	22.07 0.68 0.00	22.07 0.73 0.00	22.04 0.39 0.00	22.79 0.51 0.00	23.83 0.35 0.00	24.06 0.19 0.00	24.21 0.19 0.00	23.66 0.17 0.00	24.77 0.12 0.00	23.86 0.05 0.00	23.34 0.16 0.00	23.34 0.23 0.00	23.20 0.02 0.00	22.98 -0.11 0.00	25.18 -0.18 0.00	32.02 -0.19 0.00	36.18 -0.14 0.00	35.40 -0.11 0.00	31.31 0.00 0.00	28.42 0.00 0.00	27.94 -0.08 0.00	25.68 -0.08 0.00
NEG WEST_LEA_LOCKPORT 23791	21.30 -1.80 0.00	20.54 -1.67 0.00	19.78 -1.60 0.00	19.66 -1.69 0.00	20.11 -1.54 0.00	20.76 -1.51 0.00	22.09 -1.39 0.00	21.89 -1.98 0.00	22.10 -1.92 0.00	21.78 -1.72 0.00	22.84 -1.80 0.00	22.22 -1.60 0.00	21.25 -1.92 0.00	21.09 -2.01 0.00	20.97 -2.20 0.00	20.95 -2.15 0.00	22.90 -2.46 0.00	29.80 -2.42 0.00	33.64 -2.69 0.00	32.77 -2.73 0.00	29.06 -2.72 -0.48	26.32 -2.42 -0.32	26.01 -2.02 0.00	24.42 -1.34 0.00
NEG WEST___LANCASTR 23811	22.07 -1.04 0.00	21.26 -0.96 0.00	20.45 -0.94 0.00	20.35 -1.00 0.00	20.85 -0.80 0.00	21.52 -0.76 0.00	22.94 -0.54 0.00	22.79 -1.07 0.00	23.01 -1.01 0.00	22.70 -0.80 0.00	23.81 -0.84 0.00	23.10 -0.71 0.00	22.11 -1.07 0.00	21.93 -1.18 0.00	21.79 -1.39 0.00	21.78 -1.32 0.00	23.81 -1.55 0.00	30.99 -1.22 0.00	34.98 -1.34 0.00	34.05 -1.46 0.00	28.75 -3.10 -0.54	26.05 -2.73 -0.36	27.04 -0.98 0.00	25.37 -0.39 0.00
NEG_PENN_ALLEGHNY 23528	23.27 0.16 0.00	22.30 0.09 0.00	21.47 0.09 0.00	21.43 0.09 0.00	21.82 0.17 0.00	22.45 0.18 0.00	23.85 0.37 0.00	24.23 0.36 0.00	24.38 0.36 0.00	23.89 0.40 0.00	25.06 0.42 0.00	24.20 0.38 0.00	23.36 0.18 0.00	23.20 0.09 0.00	23.25 0.07 0.00	23.26 0.16 0.00	25.59 0.23 0.00	32.89 0.68 0.00	37.13 0.80 0.00	36.21 0.71 0.00	32.70 0.35 -1.05	29.60 0.48 -0.70	28.59 0.56 0.00	26.40 0.64 0.00
NEG___GEN_MONROE 24207	21.97 -1.13 0.00	21.14 -1.07 0.00	20.40 -0.98 0.00	20.28 -1.07 0.00	20.70 -0.95 0.00	21.38 -0.89 0.00	22.75 -0.73 0.00	22.79 -1.07 0.00	23.01 -1.01 0.00	22.63 -0.87 0.00	23.76 -0.89 0.00	23.03 -0.79 0.00	22.11 -1.07 0.00	21.93 -1.18 0.00	21.86 -1.32 0.00	21.85 -1.25 0.00	23.94 -1.42 0.00	31.02 -1.19 0.00	35.09 -1.24 0.00	34.19 -1.31 0.00	30.55 -1.19 -0.42	27.62 -1.08 -0.28	26.90 -1.12 0.00	25.06 -0.70 0.00
NEPA___ENERGY 23901	22.00 -1.11 0.00	21.21 -1.00 0.00	20.40 -0.98 0.00	20.30 -1.05 0.00	20.80 -0.84 0.00	21.45 -0.82 0.00	22.89 -0.59 0.00	22.77 -1.10 0.00	22.99 -1.03 0.00	22.67 -0.82 0.00	23.81 -0.84 0.00	23.10 -0.71 0.00	22.11 -1.07 0.00	21.95 -1.16 0.00	21.81 -1.37 0.00	21.78 -1.32 0.00	23.81 -1.55 0.00	30.99 -1.22 0.00	34.95 -1.38 0.00	34.01 -1.49 0.00	29.73 -2.13 -0.54	26.93 -1.85 -0.36	27.02 -1.01 0.00	25.35 -0.41 0.00
NEVERSINK___HYD 23608	24.35 1.25 0.00	23.19 0.98 0.00	22.31 0.92 0.00	22.29 0.94 0.00	22.56 0.91 0.00	23.14 0.87 0.00	24.70 1.22 0.00	25.35 1.48 0.00	25.49 1.47 0.00	24.93 1.43 0.00	26.12 1.48 0.00	25.13 1.31 0.00	24.27 1.09 0.00	24.12 1.02 0.00	24.33 1.16 0.00	24.41 1.32 0.00	27.06 1.70 0.00	34.66 2.45 0.00	39.06 2.73 0.00	38.20 2.70 0.00	36.44 2.38 -2.74	32.35 2.10 -1.83	30.13 2.10 0.00	27.64 1.88 0.00
NEWKRMKL_115KV_TB1 55635	23.64 0.53 0.00	22.57 0.36 0.00	21.71 0.32 0.00	21.69 0.34 0.00	21.95 0.30 0.00	22.56 0.29 0.00	23.97 0.49 0.00	24.54 0.67 0.00	24.67 0.65 0.00	24.08 0.59 0.00	25.38 0.74 0.00	24.48 0.67 0.00	23.78 0.60 0.00	23.64 0.53 0.00	23.85 0.67 0.00	23.88 0.79 0.00	26.30 0.94 0.00	33.54 1.32 0.00	37.78 1.45 0.00	36.96 1.46 0.00	36.32 1.22 -3.78	32.05 1.11 -2.52	29.15 1.12 0.00	26.74 0.98 0.00



NEWTON___FALLS_HYD 23847	22.76 -0.35 0.00	21.92 -0.29 0.00	21.15 -0.24 0.00	21.16 -0.19 0.00	21.43 -0.22 0.00	22.12 -0.16 0.00	23.24 -0.23 0.00	23.58 -0.29 0.00	23.71 -0.31 0.00	23.14 -0.35 0.00	24.25 -0.39 0.00	23.39 -0.43 0.00	22.81 -0.37 0.00	22.76 -0.35 0.00	22.76 -0.42 0.00	22.66 -0.44 0.00	24.95 -0.41 0.00	31.86 -0.35 0.00	36.00 -0.33 0.00	35.11 -0.39 0.00	31.10 -0.31 -0.10	28.08 -0.40 -0.06	27.55 -0.48 0.00	25.37 -0.39 0.00
NGRID_A1_DSASP 323792	20.89 -2.22 0.00	20.15 -2.06 0.00	19.40 -1.99 0.00	19.28 -2.07 0.00	19.70 -1.95 0.00	20.36 -1.92 0.00	21.67 -1.81 0.00	21.43 -2.43 0.00	21.62 -2.40 0.00	21.31 -2.18 0.00	22.33 -2.32 0.00	21.74 -2.07 0.00	20.81 -2.36 0.00	20.66 -2.45 0.00	20.53 -2.64 0.00	20.51 -2.59 0.00	22.42 -2.94 0.00	29.12 -3.09 0.00	32.84 -3.49 0.00	31.99 -3.52 0.00	28.51 -3.29 -0.48	25.78 -2.96 -0.32	25.48 -2.55 0.00	23.88 -1.88 0.00
NGRID_A2_DSASP 323793	20.89 -2.22 0.00	20.15 -2.06 0.00	19.40 -1.99 0.00	19.28 -2.07 0.00	19.70 -1.95 0.00	20.36 -1.92 0.00	21.67 -1.81 0.00	21.43 -2.43 0.00	21.62 -2.40 0.00	21.31 -2.18 0.00	22.33 -2.32 0.00	21.74 -2.07 0.00	20.81 -2.36 0.00	20.66 -2.45 0.00	20.53 -2.64 0.00	20.51 -2.59 0.00	22.42 -2.94 0.00	29.12 -3.09 0.00	32.84 -3.49 0.00	31.99 -3.52 0.00	28.51 -3.29 -0.48	25.78 -2.96 -0.32	25.48 -2.55 0.00	23.88 -1.88 0.00
NGRID_A4_DSASP 323807	20.89 -2.22 0.00	20.15 -2.06 0.00	19.40 -1.99 0.00	19.28 -2.07 0.00	19.70 -1.95 0.00	20.36 -1.92 0.00	21.67 -1.81 0.00	21.43 -2.43 0.00	21.62 -2.40 0.00	21.31 -2.18 0.00	22.33 -2.32 0.00	21.74 -2.07 0.00	20.81 -2.36 0.00	20.66 -2.45 0.00	20.53 -2.64 0.00	20.51 -2.59 0.00	22.42 -2.94 0.00	29.12 -3.09 0.00	32.84 -3.49 0.00	31.99 -3.52 0.00	28.51 -3.29 -0.48	25.78 -2.96 -0.32	25.48 -2.55 0.00	23.88 -1.88 0.00
NIAGARA_115E_LBMP 323715	20.96 -2.15 0.00	20.21 -2.00 0.00	19.44 -1.95 0.00	19.34 -2.01 0.00	19.76 -1.88 0.00	20.40 -1.87 0.00	21.74 -1.74 0.00	21.51 -2.36 0.00	21.72 -2.31 0.00	21.38 -2.11 0.00	22.43 -2.22 0.00	21.82 -2.00 0.00	20.88 -2.29 0.00	20.70 -2.40 0.00	20.60 -2.57 0.00	20.58 -2.52 0.00	22.49 -2.87 0.00	29.25 -2.96 0.00	32.99 -3.34 0.00	32.13 -3.37 0.00	28.57 -3.22 -0.48	25.87 -2.87 -0.32	25.56 -2.47 0.00	23.96 -1.80 0.00
NIAGARA_115W_LBMP 323714	20.84 -2.26 0.00	20.10 -2.11 0.00	19.33 -2.05 0.00	19.23 -2.11 0.00	19.66 -1.99 0.00	20.29 -1.98 0.00	21.62 -1.86 0.00	21.39 -2.48 0.00	21.57 -2.45 0.00	21.26 -2.23 0.00	22.28 -2.37 0.00	21.67 -2.14 0.00	20.77 -2.41 0.00	20.59 -2.52 0.00	20.49 -2.69 0.00	20.46 -2.63 0.00	22.34 -3.02 0.00	29.06 -3.16 0.00	32.73 -3.60 0.00	31.88 -3.62 0.00	28.45 -3.35 -0.48	25.73 -3.01 -0.32	25.39 -2.64 0.00	23.80 -1.96 0.00
NIAGARA_230_LBMP 323716	21.21 -1.89 0.00	20.46 -1.76 0.00	19.67 -1.71 0.00	19.58 -1.77 0.00	20.00 -1.65 0.00	20.65 -1.63 0.00	22.00 -1.48 0.00	21.77 -2.10 0.00	21.98 -2.04 0.00	21.64 -1.86 0.00	22.67 -1.97 0.00	22.05 -1.76 0.00	21.14 -2.04 0.00	20.96 -2.15 0.00	20.86 -2.32 0.00	20.85 -2.24 0.00	22.77 -2.59 0.00	29.57 -2.64 0.00	33.35 -2.98 0.00	32.48 -3.02 0.00	28.91 -2.88 -0.48	26.18 -2.56 -0.32	25.87 -2.16 0.00	24.22 -1.54 0.00
NIAGARA___115KV_198_GIBSON 55903	20.84 -2.26 0.00	20.10 -2.11 0.00	19.33 -2.05 0.00	19.21 -2.13 0.00	19.66 -1.99 0.00	20.29 -1.98 0.00	21.58 -1.90 0.00	21.36 -2.51 0.00	21.57 -2.45 0.00	21.26 -2.23 0.00	22.28 -2.37 0.00	21.67 -2.14 0.00	20.77 -2.41 0.00	20.59 -2.52 0.00	20.49 -2.69 0.00	20.46 -2.63 0.00	22.34 -3.02 0.00	29.03 -3.19 0.00	32.73 -3.60 0.00	31.88 -3.62 0.00	28.44 -3.35 -0.48	25.78 -2.96 -0.32	25.39 -2.63 0.00	23.80 -1.96 0.00
NIAGARA____ 23760	21.21 -1.89 0.00	20.46 -1.76 0.00	19.67 -1.71 0.00	19.58 -1.77 0.00	20.00 -1.65 0.00	20.65 -1.63 0.00	22.00 -1.48 0.00	21.77 -2.10 0.00	21.98 -2.04 0.00	21.64 -1.86 0.00	22.67 -1.97 0.00	22.05 -1.76 0.00	21.14 -2.04 0.00	20.96 -2.15 0.00	20.86 -2.32 0.00	20.85 -2.24 0.00	22.77 -2.59 0.00	29.57 -2.64 0.00	33.35 -2.98 0.00	32.48 -3.02 0.00	28.91 -2.88 -0.48	26.18 -2.56 -0.32	25.87 -2.16 0.00	24.22 -1.54 0.00
NINE_MILE_1 23575	22.14 -0.97 0.00	21.30 -0.91 0.00	20.51 -0.88 0.00	20.45 -0.90 0.00	20.78 -0.87 0.00	21.38 -0.89 0.00	22.61 -0.87 0.00	22.99 -0.88 0.00	23.13 -0.89 0.00	22.65 -0.84 0.00	23.73 -0.91 0.00	22.94 -0.88 0.00	22.25 -0.93 0.00	22.14 -0.97 0.00	22.18 -1.00 0.00	22.15 -0.95 0.00	24.34 -1.02 0.00	31.09 -1.13 0.00	35.09 -1.24 0.00	34.26 -1.24 0.00	30.46 -1.10 -0.25	27.56 -1.02 -0.16	27.04 -0.98 0.00	24.91 -0.85 0.00
NINE_MILE_2 23744	22.14 -0.97 0.00	21.30 -0.91 0.00	20.51 -0.88 0.00	20.45 -0.90 0.00	20.78 -0.87 0.00	21.38 -0.89 0.00	22.61 -0.87 0.00	22.99 -0.88 0.00	23.13 -0.89 0.00	22.65 -0.84 0.00	23.73 -0.91 0.00	22.94 -0.88 0.00	22.25 -0.93 0.00	22.14 -0.97 0.00	22.18 -1.00 0.00	22.17 -0.92 0.00	24.34 -1.02 0.00	31.12 -1.10 0.00	35.09 -1.24 0.00	34.26 -1.24 0.00	30.46 -1.10 -0.25	27.56 -1.02 -0.16	27.04 -0.98 0.00	24.91 -0.85 0.00
NM_CAPITAL___DRP 24208	23.71 0.60 0.00	22.65 0.44 0.00	21.79 0.41 0.00	21.78 0.43 0.00	22.04 0.39 0.00	22.65 0.38 0.00	24.07 0.59 0.00	24.61 0.74 0.00	24.77 0.74 0.00	24.18 0.68 0.00	25.48 0.84 0.00	24.58 0.76 0.00	23.85 0.67 0.00	23.71 0.60 0.00	23.94 0.76 0.00	23.95 0.85 0.00	26.40 1.04 0.00	33.63 1.42 0.00	37.89 1.56 0.00	37.06 1.56 0.00	36.43 1.35 -3.77	32.15 1.22 -2.51	29.26 1.23 0.00	26.84 1.08 0.00
NM_CENTRAL___DRP 24181	22.60 -0.51 0.00	21.70 -0.51 0.00	20.89 -0.49 0.00	20.84 -0.51 0.00	21.19 -0.45 0.00	21.83 -0.45 0.00	23.10 -0.38 0.00	23.49 -0.38 0.00	23.66 -0.36 0.00	23.17 -0.33 0.00	24.30 -0.35 0.00	23.46 -0.36 0.00	22.71 -0.46 0.00	22.57 -0.53 0.00	22.62 -0.56 0.00	22.61 -0.48 0.00	24.85 -0.51 0.00	31.76 -0.45 0.00	35.89 -0.44 0.00	35.01 -0.50 0.00	31.17 -0.47 -0.33	28.21 -0.43 -0.22	27.66 -0.36 0.00	25.50 -0.26 0.00
NM_FRONTIER___DRP 24179	20.84 -2.26 0.00	20.10 -2.11 0.00	19.33 -2.05 0.00	19.21 -2.13 0.00	19.66 -1.99 0.00	20.29 -1.98 0.00	21.58 -1.90 0.00	21.36 -2.51 0.00	21.57 -2.45 0.00	21.26 -2.23 0.00	22.28 -2.37 0.00	21.67 -2.14 0.00	20.77 -2.41 0.00	20.59 -2.52 0.00	20.49 -2.69 0.00	20.46 -2.63 0.00	22.34 -3.02 0.00	29.03 -3.19 0.00	32.73 -3.60 0.00	31.88 -3.62 0.00	28.44 -3.35 -0.48	25.78 -2.96 -0.32	25.39 -2.63 0.00	23.80 -1.96 0.00
NM_ST_REGIS___HYD 24053	22.92 -0.18 0.00	22.12 -0.09 0.00	21.37 -0.02 0.00	21.35 0.00 0.00	21.50 -0.15 0.00	22.10 -0.18 0.00	23.08 -0.40 0.00	23.32 -0.55 0.00	23.45 -0.58 0.00	22.88 -0.61 0.00	23.95 -0.69 0.00	23.15 -0.67 0.00	22.69 -0.49 0.00	22.71 -0.39 0.00	22.64 -0.53 0.00	22.42 -0.67 0.00	24.57 -0.79 0.00	31.12 -1.10 0.00	35.17 -1.16 0.00	34.33 -1.17 0.00	30.37 -0.94 0.00	27.48 -0.94 0.00	27.07 -0.95 0.00	24.91 -0.85 0.00



NORTHPORT___1 23551	27.56 1.82 -2.63	23.84 1.53 -0.10	22.82 1.43 0.00	22.78 1.43 0.00	23.08 1.43 0.00	23.68 1.40 0.00	25.78 1.85 -0.45	29.70 2.15 -3.69	31.36 2.19 -5.15	30.24 2.19 -4.56	27.21 2.42 -0.15	26.10 2.19 -0.09	25.74 2.04 -0.52	25.17 1.94 -0.13	27.89 2.11 -2.60	31.54 2.22 -6.23	32.74 2.51 -4.87	38.48 3.22 -3.05	44.02 3.45 -4.24	39.79 3.44 -0.84	37.40 3.04 -3.05	33.77 2.81 -2.54	32.74 2.89 -1.83	32.18 2.58 -3.84
NORTHPORT___2 23552	27.56 1.82 -2.63	23.84 1.53 -0.10	22.82 1.43 0.00	22.78 1.43 0.00	23.08 1.43 0.00	23.68 1.40 0.00	25.78 1.85 -0.45	29.70 2.15 -3.69	31.36 2.19 -5.15	30.24 2.19 -4.56	27.21 2.42 -0.15	26.10 2.19 -0.09	25.74 2.04 -0.52	25.17 1.94 -0.13	27.89 2.11 -2.60	31.54 2.22 -6.23	32.74 2.51 -4.87	38.48 3.22 -3.05	44.02 3.45 -4.24	39.79 3.44 -0.84	37.40 3.04 -3.05	33.77 2.81 -2.54	32.74 2.89 -1.83	32.18 2.58 -3.84
NORTHPORT___3 23553	27.54 1.80 -2.63	23.82 1.51 -0.10	22.78 1.39 0.00	22.74 1.39 0.00	23.06 1.41 0.00	23.66 1.38 0.00	25.73 1.81 -0.45	29.70 2.15 -3.69	31.36 2.19 -5.15	30.26 2.21 -4.56	27.21 2.42 -0.14	26.12 2.22 -0.09	25.74 2.04 -0.52	25.17 1.94 -0.12	27.88 2.11 -2.60	31.54 2.22 -6.23	32.82 2.59 -4.87	38.64 3.38 -3.05	44.28 3.71 -4.24	40.00 3.66 -0.84	37.56 3.20 -3.05	33.91 2.96 -2.54	32.79 2.94 -1.83	32.23 2.63 -3.84
NORTHPORT___4 23650	27.54 1.80 -2.63	23.82 1.51 -0.10	22.78 1.39 0.00	22.74 1.39 0.00	23.06 1.41 0.00	23.66 1.38 0.00	25.73 1.81 -0.45	29.70 2.15 -3.69	31.36 2.19 -5.15	30.26 2.21 -4.56	27.21 2.42 -0.14	26.12 2.22 -0.09	25.74 2.04 -0.52	25.17 1.94 -0.12	27.88 2.11 -2.60	31.54 2.22 -6.23	32.82 2.59 -4.87	38.64 3.38 -3.05	44.28 3.71 -4.24	40.00 3.66 -0.84	37.56 3.20 -3.05	33.91 2.96 -2.54	32.79 2.94 -1.83	32.23 2.63 -3.84
NORTHPORT___IC 23718	27.56 1.83 -2.63	23.84 1.53 -0.10	22.82 1.43 0.00	22.78 1.43 0.00	23.08 1.43 0.00	23.68 1.40 0.00	25.80 1.88 -0.45	29.73 2.17 -3.69	31.36 2.19 -5.15	30.24 2.19 -4.56	27.20 2.42 -0.15	26.10 2.19 -0.09	25.74 2.04 -0.52	25.17 1.94 -0.13	27.91 2.13 -2.60	31.54 2.22 -6.23	32.74 2.51 -4.87	38.52 3.25 -3.05	44.02 3.45 -4.24	39.79 3.44 -0.84	37.40 3.04 -3.05	33.74 2.78 -2.54	32.77 2.91 -1.83	32.18 2.58 -3.84
NORTH___COUNTRY_ESR 323785	23.22 0.12 0.00	22.43 0.22 0.00	21.69 0.30 0.00	21.69 0.34 0.00	21.74 0.09 0.00	22.45 0.18 0.00	23.45 -0.02 0.00	23.68 -0.19 0.00	23.83 -0.19 0.00	23.28 -0.21 0.00	24.35 -0.29 0.00	23.48 -0.33 0.00	23.02 -0.16 0.00	23.01 -0.09 0.00	22.90 -0.28 0.00	22.63 -0.46 0.00	24.80 -0.56 0.00	31.38 -0.84 0.00	35.46 -0.87 0.00	34.69 -0.82 0.00	30.72 -0.60 0.00	27.91 -0.51 0.00	27.46 -0.56 0.00	25.25 -0.51 0.00
NPX_GEN_1385_PROXY 323591	27.52 1.78 -2.63	23.80 1.49 -0.10	22.78 1.39 0.00	22.74 1.39 0.00	23.04 1.39 0.00	23.68 1.40 0.00	25.97 2.04 -0.45	29.66 2.10 -3.69	31.31 2.14 -5.15	30.00 1.95 -4.56	27.01 2.22 -0.15	25.88 1.98 -0.09	25.53 1.83 -0.52	24.99 1.76 -0.13	27.77 1.99 -2.60	31.64 2.10 -6.45	32.71 2.41 -4.94	38.32 3.35 -2.76	43.98 3.41 -4.24	40.00 3.66 -0.84	37.59 3.23 -3.05	33.94 2.98 -2.54	32.91 3.06 -1.83	32.18 2.58 -3.84
NPX_GEN_CSC 323557	27.77 2.03 -2.63	24.09 1.78 -0.10	23.08 1.69 0.00	23.03 1.69 0.00	23.34 1.69 0.00	23.90 1.63 0.00	25.99 2.07 -0.45	29.88 2.31 -3.69	31.46 2.28 -5.15	30.45 2.40 -4.56	27.46 2.66 -0.15	26.30 2.38 -0.10	25.99 2.27 -0.54	25.45 2.20 -0.15	28.07 2.29 -2.60	31.92 2.38 -6.45	33.02 2.71 -4.94	38.39 3.41 -2.76	44.31 3.74 -4.24	40.03 3.69 -0.84	37.59 3.23 -3.05	33.88 2.93 -2.54	32.77 2.91 -1.83	32.21 2.60 -3.84
NSINS_S_GLNS_FALLS 23858	24.38 1.27 0.00	23.28 1.07 0.00	22.39 1.01 0.00	22.35 1.00 0.00	22.64 1.00 0.00	23.34 1.07 0.00	24.84 1.36 0.00	25.42 1.55 0.00	25.56 1.54 0.00	24.86 1.36 0.00	26.12 1.48 0.00	25.15 1.33 0.00	24.31 1.14 0.00	24.12 1.02 0.00	24.31 1.14 0.00	24.41 1.32 0.00	27.16 1.80 0.00	34.82 2.61 0.00	39.34 3.02 0.00	38.56 3.05 0.00	37.79 2.60 -3.88	33.30 2.30 -2.59	30.30 2.27 0.00	27.74 1.98 0.00
NUCOR_STEEL___DRP 24197	22.94 -0.16 0.00	22.03 -0.18 0.00	21.22 -0.17 0.00	21.16 -0.19 0.00	21.52 -0.13 0.00	22.16 -0.11 0.00	23.50 0.02 0.00	23.89 0.02 0.00	24.05 0.02 0.00	23.54 0.05 0.00	24.69 0.05 0.00	23.84 0.02 0.00	23.04 -0.14 0.00	22.87 -0.23 0.00	22.92 -0.25 0.00	22.93 -0.16 0.00	25.26 -0.10 0.00	32.41 0.19 0.00	36.62 0.29 0.00	35.72 0.21 0.00	31.87 0.13 -0.43	28.82 0.11 -0.29	28.17 0.14 0.00	25.94 0.18 0.00
NUMBER_THREE_WT_PWR 323818	23.01 -0.09 0.00	22.12 -0.09 0.00	21.34 -0.04 0.00	21.35 0.00 0.00	21.74 0.09 0.00	22.59 0.31 0.00	23.88 0.40 0.00	24.32 0.45 0.00	24.46 0.43 0.00	23.87 0.37 0.00	25.01 0.37 0.00	24.10 0.29 0.00	23.36 0.18 0.00	23.27 0.16 0.00	23.29 0.12 0.00	23.28 0.18 0.00	25.74 0.38 0.00	33.09 0.87 0.00	37.42 1.09 0.00	36.42 0.92 0.00	32.25 0.81 -0.13	29.13 0.62 -0.09	28.53 0.50 0.00	26.25 0.49 0.00
NYISO_LBMP_REFERENCE 24008	23.10 0.00 0.00	22.21 0.00 0.00	21.39 0.00 0.00	21.35 0.00 0.00	21.65 0.00 0.00	22.28 0.00 0.00	23.48 0.00 0.00	23.87 0.00 0.00	24.02 0.00 0.00	23.50 0.00 0.00	24.64 0.00 0.00	23.82 0.00 0.00	23.18 0.00 0.00	23.10 0.00 0.00	23.18 0.00 0.00	23.09 0.00 0.00	25.36 0.00 0.00	32.21 0.00 0.00	36.33 0.00 0.00	35.50 0.00 0.00	31.31 0.00 0.00	28.42 0.00 0.00	28.03 0.00 0.00	25.76 0.00 0.00
NYPA_BRENTWD___GT 24164	27.79 2.06 -2.63	24.07 1.75 -0.10	23.03 1.65 0.00	22.99 1.64 0.00	23.32 1.67 0.00	23.90 1.63 0.00	26.01 2.09 -0.45	29.98 2.41 -3.70	31.63 2.45 -5.15	30.52 2.47 -4.56	27.49 2.69 -0.16	26.39 2.45 -0.12	26.01 2.27 -0.56	25.48 2.20 -0.18	28.15 2.37 -2.61	31.79 2.47 -6.23	33.07 2.84 -4.87	39.00 3.74 -3.05	44.64 4.07 -4.24	40.35 4.01 -0.84	37.87 3.51 -3.05	34.17 3.21 -2.54	33.07 3.22 -1.83	32.51 2.91 -3.84
NYPA_GOWANUS___GT5 24156	24.75 1.64 -0.01	23.53 1.31 -0.01	22.63 1.24 -0.01	22.59 1.24 -0.01	22.89 1.23 -0.01	23.41 1.14 0.00	24.91 1.43 0.00	25.66 1.79 0.00	25.90 1.88 0.00	25.44 1.95 0.00	53.69 2.17 -26.88	57.05 2.02 -31.21	74.78 1.81 -49.80	61.50 1.76 -36.64	25.09 1.90 -0.02	25.10 2.01 0.00	27.73 2.36 -0.02	44.55 3.03 -9.31	39.56 3.23 0.00	38.70 3.20 0.00	49.83 2.79 -15.73	34.04 2.64 -2.98	30.66 2.58 -0.06	43.28 2.34 -15.18
NYPA_GOWANUS___GT6 24157	24.75 1.64 -0.01	23.53 1.31 -0.01	22.63 1.24 -0.01	22.59 1.24 -0.01	22.89 1.23 -0.01	23.41 1.14 0.00	24.91 1.43 0.00	25.66 1.79 0.00	25.90 1.88 0.00	25.44 1.95 0.00	53.69 2.17 -26.88	57.05 2.02 -31.21	74.78 1.81 -49.80	61.50 1.76 -36.64	25.09 1.90 -0.02	25.10 2.01 0.00	27.73 2.36 -0.02	44.55 3.03 -9.31	39.56 3.23 0.00	38.70 3.20 0.00	49.83 2.79 -15.73	34.04 2.64 -2.98	30.66 2.58 -0.06	43.28 2.34 -15.18



NYPA_HARLEM__RVR__GT1 24160	24.55 1.43 -0.01	23.35 1.13 -0.01	22.48 1.09 -0.01	22.47 1.11 -0.01	22.74 1.08 -0.01	23.22 0.96 0.01	24.71 1.24 0.01	25.48 1.62 0.01	25.72 1.71 0.01	25.27 1.78 0.01	26.63 2.00 0.01	25.64 1.83 0.01	24.81 1.65 0.01	24.69 1.59 0.01	24.97 1.78 -0.01	24.96 1.87 0.01	27.57 2.21 -0.01	35.02 2.80 -0.01	39.26 2.94 0.01	38.44 2.95 0.01	36.93 2.57 -3.05	32.87 2.41 -2.04	30.33 2.30 -0.01	27.88 2.11 -0.01
NYPA_HARLEM__RVR__GT2 24161	24.55 1.43 -0.01	23.35 1.13 -0.01	22.48 1.09 -0.01	22.47 1.11 -0.01	22.74 1.08 -0.01	23.22 0.96 0.01	24.71 1.24 0.01	25.48 1.62 0.01	25.72 1.71 0.01	25.27 1.78 0.01	26.63 2.00 0.01	25.64 1.83 0.01	24.81 1.65 0.01	24.69 1.59 0.01	24.97 1.78 -0.01	24.96 1.87 0.01	27.57 2.21 -0.01	35.02 2.80 -0.01	39.26 2.94 0.01	38.44 2.95 0.01	36.93 2.57 -3.05	32.87 2.41 -2.04	30.33 2.30 -0.01	27.88 2.11 -0.01
NYPA_KENT____GT 24152	24.73 1.62 -0.01	23.51 1.29 -0.01	22.61 1.22 -0.01	22.57 1.22 -0.01	22.87 1.21 -0.01	23.39 1.11 0.00	24.89 1.41 0.00	25.63 1.77 0.00	25.87 1.85 0.00	25.42 1.93 0.00	44.07 2.14 -17.29	45.89 2.00 -20.07	56.98 1.78 -32.02	48.40 1.73 -23.56	25.09 1.90 -0.02	25.10 2.01 0.00	27.71 2.33 -0.02	41.19 3.00 -5.98	39.49 3.16 0.00	38.66 3.16 0.00	45.27 2.76 -11.20	33.65 2.59 -2.64	30.61 2.55 -0.04	37.84 2.32 -9.76
NYPA_POUCH1____GT 24155	24.71 1.59 -0.01	23.51 1.29 -0.01	22.59 1.20 -0.01	22.55 1.19 -0.01	22.85 1.19 -0.01	23.34 1.07 0.00	24.84 1.36 0.00	25.56 1.69 0.00	25.78 1.75 0.00	25.33 1.83 0.00	53.86 2.04 -27.17	57.26 1.91 -31.54	75.22 1.72 -50.33	61.78 1.64 -37.03	25.00 1.81 -0.01	25.01 1.92 0.00	27.63 2.26 -0.02	44.39 2.87 -9.31	39.38 3.05 0.00	38.56 3.05 0.00	49.70 2.66 -15.73	33.90 2.50 -2.98	30.55 2.47 -0.06	43.15 2.22 -15.18
NYPA_VERNON____GT2 24162	24.68 1.57 -0.01	23.46 1.24 -0.01	22.57 1.18 -0.01	22.53 1.17 -0.01	22.82 1.17 -0.01	23.34 1.07 0.00	24.86 1.38 0.00	25.61 1.74 0.00	25.85 1.82 0.00	25.40 1.90 0.00	34.45 2.12 -7.69	34.72 1.98 -8.93	39.18 1.76 -14.25	35.27 1.69 -10.48	25.07 1.88 -0.02	25.08 1.99 0.00	27.68 2.31 -0.02	37.84 2.96 -2.66	39.49 3.16 0.00	38.63 3.12 0.00	40.71 2.72 -6.68	33.28 2.56 -2.31	30.56 2.52 -0.02	32.39 2.29 -4.34
NYPA_VERNON____GT3 24163	24.68 1.57 -0.01	23.46 1.24 -0.01	22.57 1.18 -0.01	22.53 1.17 -0.01	22.82 1.17 -0.01	23.34 1.07 0.00	24.86 1.38 0.00	25.61 1.74 0.00	25.85 1.82 0.00	25.40 1.90 0.00	34.45 2.12 -7.69	34.72 1.98 -8.93	39.18 1.76 -14.25	35.27 1.69 -10.48	25.07 1.88 -0.02	25.08 1.99 0.00	27.68 2.31 -0.02	37.84 2.96 -2.66	39.49 3.16 0.00	38.63 3.12 0.00	40.71 2.72 -6.68	33.28 2.56 -2.31	30.56 2.52 -0.02	32.39 2.29 -4.34
NYPA__ASTORIA_CC1 323568	24.66 1.55 -0.01	23.42 1.20 -0.01	22.55 1.15 -0.01	22.51 1.15 -0.01	22.80 1.15 -0.01	23.32 1.05 0.00	24.82 1.34 0.00	25.56 1.69 0.00	25.83 1.80 0.00	25.35 1.86 0.00	30.55 2.07 -3.84	30.20 1.93 -4.46	32.00 1.72 -7.11	30.00 1.66 -5.23	25.05 1.85 -0.02	25.03 1.94 0.00	27.66 2.28 -0.02	36.44 2.90 -1.33	39.42 3.09 0.00	38.56 3.05 0.00	38.84 2.66 -4.86	33.09 2.50 -2.17	30.50 2.47 -0.01	30.17 2.24 -2.17
NYPA__ASTORIA_CC2 323569	24.66 1.55 -0.01	23.42 1.20 -0.01	22.55 1.15 -0.01	22.51 1.15 -0.01	22.80 1.15 -0.01	23.32 1.05 0.00	24.82 1.34 0.00	25.56 1.69 0.00	25.83 1.80 0.00	25.35 1.86 0.00	30.55 2.07 -3.84	30.20 1.93 -4.46	32.00 1.72 -7.11	30.00 1.66 -5.23	25.05 1.85 -0.02	25.03 1.94 0.00	27.66 2.28 -0.02	36.44 2.90 -1.33	39.42 3.09 0.00	38.56 3.05 0.00	38.84 2.66 -4.86	33.09 2.50 -2.17	30.50 2.47 -0.01	30.17 2.24 -2.17
NYPA__HOLTSVILL 23794	27.70 1.96 -2.63	24.00 1.69 -0.10	22.97 1.58 0.00	22.93 1.58 0.00	23.25 1.60 0.00	23.83 1.56 0.00	25.92 1.99 -0.45	29.85 2.29 -3.69	31.46 2.28 -5.15	30.40 2.35 -4.56	27.36 2.56 -0.15	26.25 2.34 -0.10	25.89 2.18 -0.54	25.35 2.10 -0.15	28.03 2.25 -2.60	31.65 2.33 -6.23	32.92 2.69 -4.87	38.74 3.48 -3.05	44.35 3.78 -4.24	40.10 3.76 -0.84	37.65 3.29 -3.05	33.97 3.01 -2.54	32.85 3.00 -1.83	32.31 2.70 -3.84
NYPA__HELLGATE_GT1 24158	24.55 1.43 -0.01	23.35 1.13 -0.01	22.48 1.09 -0.01	22.47 1.11 -0.01	22.74 1.08 -0.01	23.22 0.96 0.01	24.71 1.24 0.01	25.48 1.62 0.01	25.72 1.71 0.01	25.27 1.78 0.01	26.63 2.00 0.01	25.64 1.83 0.01	24.81 1.65 0.01	24.69 1.59 0.01	24.97 1.78 -0.01	24.96 1.87 0.01	27.57 2.21 -0.01	35.02 2.80 -0.01	39.26 2.94 0.01	38.44 2.95 0.01	36.93 2.57 -3.05	32.87 2.41 -2.04	30.33 2.30 -0.01	27.88 2.11 -0.01
NYPA__HELLGATE_GT2 24159	24.55 1.43 -0.01	23.35 1.13 -0.01	22.48 1.09 -0.01	22.47 1.11 -0.01	22.74 1.08 -0.01	23.22 0.96 0.01	24.71 1.24 0.01	25.48 1.62 0.01	25.72 1.71 0.01	25.27 1.78 0.01	26.63 2.00 0.01	25.64 1.83 0.01	24.81 1.65 0.01	24.69 1.59 0.01	24.97 1.78 -0.01	24.96 1.87 0.01	27.57 2.21 -0.01	35.02 2.80 -0.01	39.26 2.94 0.01	38.44 2.95 0.01	36.93 2.57 -3.05	32.87 2.41 -2.04	30.33 2.30 -0.01	27.88 2.11 -0.01
NYS_BARGE__HYD 23848	21.30 -1.80 0.00	20.54 -1.67 0.00	19.78 -1.60 0.00	19.66 -1.69 0.00	20.11 -1.54 0.00	20.76 -1.52 0.00	22.14 -1.34 0.00	21.91 -1.96 0.00	22.10 -1.92 0.00	21.78 -1.71 0.00	22.85 -1.80 0.00	22.22 -1.60 0.00	21.25 -1.92 0.00	21.09 -2.01 0.00	20.95 -2.23 0.00	20.95 -2.15 0.00	22.90 -2.46 0.00	29.83 -2.38 0.00	33.68 -2.65 0.00	32.77 -2.73 0.00	29.09 -2.69 -0.47	26.37 -2.36 -0.32	26.04 -1.99 0.00	24.39 -1.37 0.00
OAK_ORCHARD__HYD 24046	22.07 -1.04 0.00	21.23 -0.98 0.00	20.47 -0.92 0.00	20.37 -0.98 0.00	20.76 -0.89 0.00	21.41 -0.87 0.00	22.80 -0.68 0.00	22.89 -0.98 0.00	23.06 -0.96 0.00	22.65 -0.84 0.00	23.78 -0.86 0.00	23.03 -0.79 0.00	22.16 -1.02 0.00	22.00 -1.11 0.00	21.95 -1.23 0.00	21.94 -1.15 0.00	24.07 -1.29 0.00	31.12 -1.10 0.00	35.17 -1.16 0.00	34.33 -1.17 0.00	30.73 -1.00 -0.42	27.62 -1.08 -0.28	27.07 -0.95 0.00	25.12 -0.64 0.00
OAKDALE__35_KV_LOAD 356122	23.20 0.09 0.00	22.26 0.04 0.00	21.43 0.04 0.00	21.37 0.02 0.00	21.76 0.11 0.00	22.39 0.11 0.00	23.78 0.31 0.00	24.16 0.29 0.00	24.31 0.29 0.00	23.80 0.31 0.00	24.99 0.35 0.00	24.13 0.31 0.00	23.29 0.12 0.00	23.15 0.05 0.00	23.20 0.02 0.00	23.19 0.09 0.00	25.54 0.18 0.00	32.76 0.55 0.00	36.98 0.65 0.00	36.07 0.57 0.00	32.60 0.25 -1.04	29.39 0.28 -0.69	28.50 0.48 0.00	26.33 0.57 0.00
OCC_CHEM__DRP 24175	20.89 -2.22 0.00	20.15 -2.07 0.00	19.40 -1.99 0.00	19.26 -2.09 0.00	19.70 -1.95 0.00	20.36 -1.92 0.00	21.62 -1.85 0.00	21.41 -2.46 0.00	21.62 -2.40 0.00	21.31 -2.19 0.00	22.33 -2.32 0.00	21.74 -2.07 0.00	20.81 -2.36 0.00	20.66 -2.45 0.00	20.53 -2.64 0.00	20.51 -2.59 0.00	22.42 -2.94 0.00	29.12 -3.09 0.00	32.84 -3.49 0.00	31.95 -3.55 0.00	28.51 -3.29 -0.48	25.84 -2.90 -0.32	25.45 -2.58 0.00	23.88 -1.88 0.00



OH_GEN_PROXY 24063	21.23 -1.87 0.00	20.48 -1.73 0.00	19.72 -1.67 0.00	19.62 -1.73 0.00	20.05 -1.60 0.00	20.69 -1.58 0.00	22.05 -1.43 0.00	21.86 -2.00 0.00	22.05 -1.97 0.00	21.73 -1.76 0.00	22.77 -1.87 0.00	22.15 -1.67 0.00	21.21 -1.97 0.00	21.05 -2.06 0.00	20.93 -2.25 0.00	21.14 -2.17 -0.22	22.92 -2.51 -0.07	29.38 -2.55 0.29	33.46 -2.87 0.00	32.59 -2.91 0.00	29.01 -2.79 -0.48	26.27 -2.47 -0.32	25.95 -2.07 0.00	24.27 -1.49 0.00
OLIN_CORP_DRP 24177	21.00 -2.10 0.00	20.26 -1.95 0.00	19.48 -1.90 0.00	19.36 -1.99 0.00	19.81 -1.84 0.00	20.45 -1.83 0.00	21.76 -1.71 0.00	21.55 -2.32 0.00	21.76 -2.26 0.00	21.45 -2.04 0.00	22.48 -2.17 0.00	21.86 -1.95 0.00	20.93 -2.25 0.00	20.77 -2.33 0.00	20.65 -2.53 0.00	20.62 -2.47 0.00	22.54 -2.81 0.00	29.32 -2.90 0.00	33.06 -3.27 0.00	32.20 -3.30 0.00	28.64 -3.16 -0.49	25.96 -2.78 -0.32	25.62 -2.41 0.00	24.03 -1.73 0.00
OLIN_CORP_DSASP 323712	20.89 -2.22 0.00	20.15 -2.06 0.00	19.40 -1.99 0.00	19.28 -2.07 0.00	19.70 -1.95 0.00	20.36 -1.92 0.00	21.67 -1.81 0.00	21.43 -2.43 0.00	21.62 -2.40 0.00	21.31 -2.18 0.00	22.33 -2.32 0.00	21.74 -2.07 0.00	20.81 -2.36 0.00	20.66 -2.45 0.00	20.53 -2.64 0.00	20.51 -2.59 0.00	22.42 -2.94 0.00	29.12 -3.09 0.00	32.84 -3.49 0.00	31.99 -3.52 0.00	28.51 -3.29 -0.48	25.78 -2.96 -0.32	25.48 -2.55 0.00	23.88 -1.88 0.00
ONEIDA_HERK_LFGE 323681	23.50 0.39 0.00	22.59 0.38 0.00	21.75 0.36 0.00	21.73 0.38 0.00	22.10 0.46 0.00	22.85 0.58 0.00	24.18 0.70 0.00	24.63 0.76 0.00	24.79 0.77 0.00	24.20 0.70 0.00	25.38 0.74 0.00	24.46 0.64 0.00	23.71 0.53 0.00	23.59 0.49 0.00	23.66 0.49 0.00	23.65 0.55 0.00	26.10 0.74 0.00	33.47 1.26 0.00	37.82 1.49 0.00	36.85 1.35 0.00	32.61 1.19 -0.11	29.51 1.02 -0.07	28.95 0.92 0.00	26.64 0.88 0.00
ONEIDA___115KV_TB4 55905	23.71 0.60 0.00	22.77 0.56 0.00	21.92 0.53 0.00	21.88 0.53 0.00	22.28 0.63 0.00	22.97 0.69 0.00	24.32 0.85 0.00	24.80 0.93 0.00	24.96 0.94 0.00	24.34 0.85 0.00	25.53 0.89 0.00	24.60 0.79 0.00	23.83 0.65 0.00	23.68 0.58 0.00	23.78 0.60 0.00	23.76 0.67 0.00	26.22 0.86 0.00	33.63 1.42 0.00	37.96 1.63 0.00	37.03 1.53 0.00	32.84 1.32 -0.21	29.69 1.14 -0.14	29.12 1.09 0.00	26.82 1.06 0.00
ONONDAGA_REF_OCCRA 23987	22.76 -0.35 0.00	21.88 -0.33 0.00	21.07 -0.32 0.00	21.01 -0.34 0.00	21.35 -0.30 0.00	21.99 -0.29 0.00	23.29 -0.19 0.00	23.70 -0.17 0.00	23.85 -0.17 0.00	23.35 -0.14 0.00	24.50 -0.15 0.00	23.65 -0.17 0.00	22.90 -0.28 0.00	22.74 -0.37 0.00	22.81 -0.37 0.00	22.79 -0.30 0.00	25.08 -0.28 0.00	32.09 -0.13 0.00	36.22 -0.11 0.00	35.36 -0.14 0.00	31.52 -0.19 -0.40	28.51 -0.17 -0.26	27.91 -0.11 0.00	25.71 -0.05 0.00
ONONDAGA___COGEN 23986	22.76 -0.35 0.00	21.86 -0.36 0.00	21.04 -0.34 0.00	20.99 -0.36 0.00	21.35 -0.30 0.00	21.99 -0.29 0.00	23.27 -0.21 0.00	23.65 -0.21 0.00	23.83 -0.19 0.00	23.33 -0.16 0.00	24.47 -0.17 0.00	23.63 -0.19 0.00	22.87 -0.30 0.00	22.71 -0.39 0.00	22.78 -0.39 0.00	22.77 -0.32 0.00	25.06 -0.30 0.00	32.05 -0.16 0.00	36.22 -0.11 0.00	35.32 -0.18 0.00	31.50 -0.19 -0.37	28.49 -0.17 -0.25	27.89 -0.14 0.00	25.68 -0.08 0.00
ONTARIO___LFGE 23819	23.17 0.07 0.00	22.23 0.02 0.00	21.43 0.04 0.00	21.37 0.02 0.00	21.78 0.13 0.00	22.43 0.16 0.00	23.90 0.42 0.00	24.20 0.33 0.00	24.36 0.34 0.00	23.85 0.35 0.00	24.99 0.34 0.00	24.13 0.31 0.00	23.27 0.09 0.00	23.06 -0.05 0.00	23.08 -0.09 0.00	23.12 0.02 0.00	25.49 0.13 0.00	32.80 0.58 0.00	37.13 0.80 0.00	36.21 0.71 0.00	32.20 0.38 -0.51	29.27 0.51 -0.34	28.56 0.53 0.00	26.40 0.64 0.00
ORANGEVILLE_WT_PWR 323706	21.49 -1.62 0.00	20.72 -1.49 0.00	19.93 -1.46 0.00	19.85 -1.49 0.00	20.31 -1.34 0.00	20.94 -1.34 0.00	22.35 -1.13 0.00	22.15 -1.72 0.00	22.37 -1.66 0.00	22.04 -1.46 0.00	23.12 -1.53 0.00	22.46 -1.36 0.00	21.51 -1.67 0.00	21.33 -1.78 0.00	21.18 -1.99 0.00	21.18 -1.92 0.00	23.13 -2.23 0.00	30.15 -2.06 0.00	34.08 -2.25 0.00	33.20 -2.31 0.00	29.21 -2.60 -0.50	26.68 -2.07 -0.33	26.40 -1.63 0.00	24.73 -1.03 0.00
ORANGEVILLE___ESR 323794	21.49 -1.62 0.00	20.72 -1.49 0.00	19.93 -1.46 0.00	19.85 -1.49 0.00	20.31 -1.34 0.00	20.94 -1.34 0.00	22.35 -1.13 0.00	22.15 -1.72 0.00	22.37 -1.66 0.00	22.04 -1.46 0.00	23.12 -1.53 0.00	22.46 -1.36 0.00	21.51 -1.67 0.00	21.33 -1.78 0.00	21.18 -1.99 0.00	21.18 -1.92 0.00	23.13 -2.23 0.00	30.15 -2.06 0.00	34.08 -2.25 0.00	33.20 -2.31 0.00	29.21 -2.60 -0.50	26.68 -2.07 -0.33	26.40 -1.63 0.00	24.73 -1.03 0.00
OSWEGATCHIE___HYD 24044	22.76 -0.35 0.00	21.92 -0.29 0.00	21.15 -0.23 0.00	21.16 -0.19 0.00	21.43 -0.22 0.00	22.12 -0.15 0.00	23.24 -0.23 0.00	23.58 -0.29 0.00	23.71 -0.31 0.00	23.14 -0.35 0.00	24.25 -0.40 0.00	23.39 -0.43 0.00	22.80 -0.37 0.00	22.76 -0.35 0.00	22.76 -0.42 0.00	22.65 -0.44 0.00	24.95 -0.41 0.00	31.86 -0.35 0.00	36.00 -0.33 0.00	35.11 -0.39 0.00	31.10 -0.31 -0.10	28.08 -0.40 -0.06	27.55 -0.48 0.00	25.37 -0.39 0.00
OSWEGO___5 23606	22.34 -0.76 0.00	21.48 -0.73 0.00	20.68 -0.71 0.00	20.62 -0.73 0.00	20.95 -0.69 0.00	21.56 -0.71 0.00	22.82 -0.66 0.00	23.18 -0.69 0.00	23.33 -0.70 0.00	22.84 -0.66 0.00	23.95 -0.69 0.00	23.15 -0.67 0.00	22.43 -0.74 0.00	22.32 -0.79 0.00	22.36 -0.81 0.00	22.35 -0.74 0.00	24.55 -0.81 0.00	31.38 -0.84 0.00	35.42 -0.91 0.00	34.58 -0.92 0.00	30.74 -0.84 -0.28	27.84 -0.77 -0.18	27.30 -0.73 0.00	25.14 -0.62 0.00
OSWEGO___6 23613	22.34 -0.76 0.00	21.48 -0.73 0.00	20.68 -0.71 0.00	20.62 -0.73 0.00	20.95 -0.69 0.00	21.56 -0.71 0.00	22.82 -0.66 0.00	23.18 -0.69 0.00	23.33 -0.70 0.00	22.84 -0.66 0.00	23.95 -0.69 0.00	23.15 -0.67 0.00	22.43 -0.74 0.00	22.32 -0.79 0.00	22.36 -0.81 0.00	22.35 -0.74 0.00	24.55 -0.81 0.00	31.38 -0.84 0.00	35.42 -0.91 0.00	34.58 -0.92 0.00	30.74 -0.84 -0.28	27.84 -0.77 -0.18	27.30 -0.73 0.00	25.14 -0.62 0.00
OUTOKUMPU-AB___DRP 24206	21.42 -1.69 0.00	20.66 -1.55 0.00	19.87 -1.52 0.00	19.77 -1.58 0.00	20.22 -1.43 0.00	20.87 -1.40 0.00	22.21 -1.27 0.00	22.01 -1.86 0.00	22.22 -1.80 0.00	21.92 -1.57 0.00	22.99 -1.65 0.00	22.36 -1.45 0.00	21.39 -1.78 0.00	21.23 -1.87 0.00	21.09 -2.09 0.00	21.09 -2.01 0.00	23.03 -2.33 0.00	29.99 -2.22 0.00	33.86 -2.47 0.00	32.98 -2.52 0.00	29.17 -2.63 -0.49	26.44 -2.30 -0.33	26.18 -1.85 0.00	24.55 -1.21 0.00
OXBOW___BTM 323836	21.16 -1.94 0.00	20.41 -1.80 0.00	19.66 -1.73 0.00	19.53 -1.81 0.00	19.96 -1.69 0.00	20.63 -1.65 0.00	21.98 -1.50 0.00	21.74 -2.12 0.00	21.96 -2.07 0.00	21.64 -1.86 0.00	22.70 -1.95 0.00	22.08 -1.74 0.00	21.11 -2.06 0.00	20.96 -2.15 0.00	20.81 -2.36 0.00	20.81 -2.29 0.00	22.75 -2.61 0.00	29.61 -2.61 0.00	33.39 -2.94 0.00	32.52 -2.98 0.00	28.89 -2.91 -0.49	26.18 -2.56 -0.32	25.87 -2.16 0.00	24.24 -1.52 0.00



OXBOW____ 24026	21.16 -1.94 0.00	20.41 -1.80 0.00	19.63 -1.75 0.00	19.51 -1.84 0.00	19.96 -1.69 0.00	20.63 -1.65 0.00	21.93 -1.55 0.00	21.72 -2.15 0.00	21.96 -2.07 0.00	21.64 -1.86 0.00	22.70 -1.95 0.00	22.08 -1.74 0.00	21.11 -2.06 0.00	20.96 -2.15 0.00	20.84 -2.34 0.00	20.81 -2.29 0.00	22.75 -2.61 0.00	29.57 -2.64 0.00	33.39 -2.94 0.00	32.52 -2.98 0.00	28.89 -2.91 -0.49	26.15 -2.59 -0.32	25.84 -2.19 0.00	24.24 -1.52 0.00
OXY_CHEM_DSASP 323612	20.89 -2.22 0.00	20.15 -2.07 0.00	19.40 -1.99 0.00	19.26 -2.09 0.00	19.70 -1.95 0.00	20.36 -1.92 0.00	21.62 -1.85 0.00	21.41 -2.46 0.00	21.62 -2.40 0.00	21.31 -2.19 0.00	22.33 -2.32 0.00	21.74 -2.07 0.00	20.81 -2.36 0.00	20.66 -2.45 0.00	20.53 -2.64 0.00	20.51 -2.59 0.00	22.42 -2.94 0.00	29.12 -3.09 0.00	32.84 -3.49 0.00	31.95 -3.55 0.00	28.51 -3.29 -0.48	25.84 -2.90 -0.32	25.45 -2.58 0.00	23.88 -1.88 0.00
OZONE_PARK_ESR 323760	24.72 1.62 0.00	23.48 1.27 0.00	22.58 1.20 0.00	22.54 1.20 0.00	22.84 1.19 0.00	23.43 1.16 0.00	25.03 1.55 0.00	25.83 1.96 0.00	26.04 2.02 0.00	25.56 2.07 0.00	26.96 2.32 0.00	25.96 2.14 0.00	25.10 1.92 0.00	24.98 1.87 0.00	25.23 2.04 -0.02	25.22 2.12 0.00	27.86 2.49 -0.02	35.44 3.22 0.00	39.78 3.45 0.00	38.95 3.44 0.00	37.37 3.01 -3.05	33.26 2.81 -2.03	30.91 2.89 0.00	28.26 2.50 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	20.89 -2.22 0.00	20.15 -2.07 0.00	19.40 -1.99 0.00	19.26 -2.09 0.00	19.70 -1.95 0.00	20.36 -1.92 0.00	21.62 -1.85 0.00	21.41 -2.46 0.00	21.62 -2.40 0.00	21.31 -2.19 0.00	22.33 -2.32 0.00	21.74 -2.07 0.00	20.81 -2.36 0.00	20.66 -2.45 0.00	20.53 -2.64 0.00	20.51 -2.59 0.00	22.42 -2.94 0.00	29.12 -3.09 0.00	32.84 -3.49 0.00	31.95 -3.55 0.00	28.51 -3.29 -0.48	25.84 -2.90 -0.32	25.45 -2.58 0.00	23.88 -1.88 0.00
PACKARD__115KV_DUPONT_184 80571	20.89 -2.22 0.00	20.15 -2.07 0.00	19.40 -1.99 0.00	19.26 -2.09 0.00	19.70 -1.95 0.00	20.36 -1.92 0.00	21.62 -1.85 0.00	21.41 -2.46 0.00	21.62 -2.40 0.00	21.31 -2.19 0.00	22.33 -2.32 0.00	21.74 -2.07 0.00	20.81 -2.36 0.00	20.66 -2.45 0.00	20.53 -2.64 0.00	20.51 -2.59 0.00	22.42 -2.94 0.00	29.12 -3.09 0.00	32.84 -3.49 0.00	31.95 -3.55 0.00	28.51 -3.29 -0.48	25.84 -2.90 -0.32	25.45 -2.58 0.00	23.88 -1.88 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	24.54 1.43 0.00	23.32 1.11 0.00	22.46 1.07 0.00	22.44 1.09 0.00	22.71 1.06 0.00	23.21 0.94 0.00	24.70 1.22 0.00	25.47 1.60 0.00	25.70 1.68 0.00	25.23 1.74 0.00	26.58 1.95 0.01	25.62 1.81 0.01	24.77 1.60 0.01	24.64 1.55 0.01	24.93 1.74 -0.02	24.94 1.85 0.00	27.53 2.16 -0.02	34.96 2.74 -0.01	39.24 2.91 0.00	38.38 2.88 0.00	36.89 2.54 -3.05	32.87 2.42 -2.04	30.58 2.55 -0.01	27.88 2.11 -0.01
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	24.77 1.66 0.00	23.54 1.33 0.00	22.67 1.28 0.00	22.63 1.28 0.00	22.93 1.28 0.00	23.41 1.14 0.00	24.93 1.46 0.00	25.71 1.84 0.00	25.92 1.90 0.00	25.45 1.95 0.00	26.83 2.19 0.01	25.86 2.05 0.01	25.02 1.85 0.01	24.90 1.80 0.01	25.19 1.99 -0.02	25.17 2.08 0.00	27.81 2.43 -0.02	35.35 3.12 -0.01	39.67 3.34 0.00	38.80 3.30 0.00	37.24 2.88 -3.05	33.19 2.73 -2.04	30.92 2.89 -0.01	28.22 2.45 -0.01
PATROON__115KV_TB1 80586	23.71 0.60 0.00	22.63 0.42 0.00	21.77 0.38 0.00	21.75 0.41 0.00	22.02 0.37 0.00	22.63 0.36 0.00	24.04 0.56 0.00	24.58 0.72 0.00	24.74 0.72 0.00	24.15 0.66 0.00	25.46 0.81 0.00	24.56 0.74 0.00	23.83 0.65 0.00	23.71 0.60 0.00	23.92 0.74 0.00	23.93 0.83 0.00	26.37 1.01 0.00	33.63 1.42 0.00	37.89 1.56 0.00	37.06 1.56 0.00	36.45 1.35 -3.79	32.14 1.19 -2.53	29.23 1.21 0.00	26.82 1.06 0.00
PATTRSNVILLE__SOLAR 323815	23.98 0.88 0.00	22.97 0.76 0.00	22.09 0.70 0.00	22.05 0.70 0.00	22.36 0.71 0.00	23.01 0.73 0.00	24.44 0.96 0.00	24.97 1.10 0.00	25.13 1.11 0.00	24.48 0.99 0.00	25.70 1.06 0.00	24.79 0.98 0.00	23.99 0.81 0.00	23.84 0.74 0.00	24.01 0.83 0.00	24.06 0.97 0.00	26.63 1.27 0.00	34.02 1.80 0.00	38.40 2.07 0.00	37.56 2.06 0.00	37.08 1.78 -3.99	32.69 1.62 -2.65	29.62 1.60 0.00	27.18 1.42 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	21.95 -1.16 0.00	21.17 -1.04 0.00	20.36 -1.03 0.00	20.26 -1.09 0.00	20.76 -0.89 0.00	21.43 -0.85 0.00	22.82 -0.66 0.00	22.68 -1.19 0.00	22.87 -1.15 0.00	22.58 -0.92 0.00	23.68 -0.96 0.00	23.01 -0.81 0.00	22.02 -1.16 0.00	21.83 -1.27 0.00	21.69 -1.48 0.00	21.66 -1.43 0.00	23.69 -1.67 0.00	30.86 -1.35 0.00	34.84 -1.49 0.00	33.90 -1.60 0.00	29.02 -2.82 -0.52	26.29 -2.47 -0.35	26.93 -1.09 0.00	25.24 -0.52 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	24.65 1.55 0.00	23.50 1.29 0.00	22.58 1.20 0.00	22.57 1.22 0.00	22.77 1.13 0.00	23.39 1.11 0.00	24.98 1.50 0.00	25.75 1.89 0.00	25.90 1.87 0.00	25.35 1.86 0.00	26.71 2.07 0.00	25.67 1.86 0.00	24.78 1.60 0.00	24.63 1.52 0.00	24.84 1.67 0.00	24.92 1.82 0.00	27.57 2.21 0.00	35.24 3.03 0.00	39.67 3.34 0.00	38.80 3.30 0.00	37.38 2.97 -3.09	33.09 2.61 -2.06	30.69 2.66 0.00	28.08 2.32 0.00
PEEKSKILL____ 23653	24.33 1.22 0.00	23.17 0.95 0.00	22.28 0.90 0.00	22.24 0.90 0.00	22.54 0.89 0.00	23.14 0.87 0.00	24.68 1.20 0.00	25.42 1.55 0.00	25.61 1.59 0.00	25.09 1.60 0.00	26.42 1.78 0.00	25.46 1.64 0.00	24.61 1.44 0.00	24.47 1.36 0.00	24.68 1.51 0.00	24.71 1.62 0.00	27.26 1.90 0.00	34.73 2.51 0.00	39.06 2.73 0.00	38.20 2.70 0.00	36.70 2.38 -3.01	32.64 2.22 -2.01	30.24 2.21 0.00	27.72 1.96 0.00
PGE MADISON__WINDPWR 24146	25.30 2.20 0.00	24.23 2.02 0.00	23.33 1.95 0.00	23.27 1.92 0.00	23.81 2.16 0.00	24.48 2.21 0.00	26.08 2.61 0.00	26.61 2.74 0.00	26.69 2.67 0.00	26.03 2.54 0.00	27.25 2.61 0.00	26.18 2.36 0.00	25.10 1.92 0.00	24.81 1.71 0.00	24.82 1.65 0.00	24.99 1.89 0.00	27.85 2.49 0.00	36.43 4.22 0.00	41.45 5.12 0.00	40.33 4.83 0.00	36.48 4.17 -1.00	32.84 3.75 -0.67	31.61 3.59 0.00	29.21 3.45 0.00
PIERCEFIELD__HYD 23852	22.74 -0.37 0.00	21.97 -0.24 0.00	21.19 -0.19 0.00	21.20 -0.15 0.00	21.37 -0.28 0.00	21.92 -0.36 0.00	22.87 -0.61 0.00	23.13 -0.74 0.00	23.28 -0.74 0.00	22.70 -0.80 0.00	23.76 -0.89 0.00	22.98 -0.83 0.00	22.53 -0.65 0.00	22.55 -0.55 0.00	22.50 -0.67 0.00	22.29 -0.81 0.00	24.45 -0.91 0.00	30.93 -1.29 0.00	34.95 -1.38 0.00	34.12 -1.38 0.00	30.21 -1.16 -0.05	27.31 -1.14 -0.03	26.90 -1.12 0.00	24.78 -0.98 0.00
PINELAWN_CC_1 323563	27.65 1.92 -2.63	23.93 1.62 -0.10	22.91 1.52 0.00	22.84 1.49 0.00	23.16 1.51 0.00	23.77 1.49 0.00	25.85 1.93 -0.45	29.87 2.27 -3.73	31.48 2.31 -5.15	30.37 2.30 -4.57	27.37 2.51 -0.21	26.32 2.29 -0.22	25.96 2.11 -0.67	25.45 2.03 -0.31	28.01 2.20 -2.63	31.65 2.33 -6.23	32.92 2.69 -4.87	38.84 3.58 -3.05	44.46 3.89 -4.24	40.18 3.84 -0.84	37.72 3.35 -3.05	34.03 3.07 -2.54	32.94 3.08 -1.83	32.36 2.76 -3.84



PJM_GEN_HTP_PROXY 323702	24.49 1.39 0.00	23.25 1.04 0.00	22.39 1.01 0.00	22.35 1.00 0.00	22.64 1.00 0.00	23.23 0.96 0.00	24.79 1.31 0.00	25.56 1.69 0.00	25.80 1.78 0.00	25.30 1.81 0.00	26.69 2.04 0.00	25.70 1.88 0.00	24.87 1.69 0.00	24.72 1.62 0.00	24.95 1.76 -0.02	25.18 1.87 -0.22	27.65 2.21 -0.09	34.76 2.84 0.29	39.31 2.98 0.00	38.48 2.98 0.00	36.96 2.60 -3.05	32.92 2.47 -2.03	30.49 2.47 0.00	27.95 2.19 0.00
PJM_GEN_KEystone 24065	23.08 -0.02 0.00	22.10 -0.11 0.00	21.26 -0.13 0.00	21.20 -0.15 0.00	21.58 -0.06 0.00	22.21 -0.07 0.00	23.67 0.19 0.00	24.06 0.19 0.00	24.24 0.22 0.00	23.80 0.30 0.00	25.01 0.37 0.00	24.17 0.36 0.00	23.27 0.09 0.00	23.13 0.02 0.00	23.18 0.00 0.00	23.41 0.09 -0.22	25.56 0.13 -0.07	32.41 0.48 0.29	36.80 0.47 0.00	35.93 0.43 0.00	33.25 0.06 -1.87	29.95 0.28 -1.25	28.50 0.48 0.00	26.38 0.62 0.00
PJM_GEN_NEPTUNE_PROXY 323594	27.35 1.62 -2.63	23.64 1.33 -0.10	22.63 1.24 0.00	22.59 1.24 0.00	22.88 1.23 0.00	23.48 1.20 0.00	25.52 1.60 -0.45	29.44 1.96 -3.62	31.16 1.99 -5.15	30.06 2.02 -4.55	26.98 2.22 -0.11	25.87 2.02 -0.03	25.48 1.85 -0.45	24.90 1.76 -0.04	27.69 1.92 -2.59	31.57 2.03 -6.45	32.66 2.36 -4.94	38.06 3.09 -2.76	43.91 3.34 -4.24	39.64 3.30 -0.84	37.24 2.88 -3.05	33.66 2.70 -2.54	32.54 2.69 -1.83	32.00 2.40 -3.84
PJM_GEN_VFT_PROXY 323633	24.42 1.32 0.00	23.17 0.95 0.00	22.31 0.92 0.00	22.27 0.92 0.00	22.56 0.91 0.00	23.14 0.87 0.00	24.72 1.24 0.00	25.49 1.62 0.00	25.73 1.71 0.00	25.26 1.76 0.00	26.62 1.97 0.00	25.65 1.83 0.00	24.80 1.62 0.00	24.68 1.57 0.00	24.91 1.72 -0.02	25.14 1.82 -0.22	27.58 2.13 -0.09	34.66 2.74 0.29	39.20 2.87 0.00	38.34 2.84 0.00	36.87 2.51 -3.05	32.84 2.39 -2.03	30.44 2.41 0.00	27.90 2.14 0.00
PLATSBURG_115KV_PMLD1 355749	23.57 0.46 0.00	22.74 0.53 0.00	22.01 0.62 0.00	22.01 0.66 0.00	21.95 0.30 0.00	22.68 0.40 0.00	23.71 0.23 0.00	23.94 0.07 0.00	24.10 0.07 0.00	23.52 0.02 0.00	24.62 -0.02 0.00	23.72 -0.10 0.00	23.22 0.05 0.00	23.22 0.12 0.00	23.06 -0.12 0.00	22.84 -0.25 0.00	25.03 -0.33 0.00	31.76 -0.45 0.00	35.89 -0.44 0.00	35.15 -0.36 0.00	31.13 -0.19 0.00	28.25 -0.17 0.00	27.80 -0.22 0.00	25.55 -0.21 0.00
PLEASANTVLY___LBMP 24000	24.24 1.13 0.00	23.10 0.89 0.00	22.22 0.83 0.00	22.18 0.83 0.00	22.47 0.82 0.00	23.08 0.80 0.00	24.61 1.13 0.00	25.28 1.41 0.00	25.46 1.44 0.00	24.90 1.41 0.00	26.22 1.58 0.00	25.27 1.45 0.00	24.43 1.25 0.00	24.31 1.20 0.00	24.54 1.37 0.00	24.55 1.45 0.00	27.08 1.72 0.00	34.50 2.29 0.00	38.80 2.47 0.00	37.95 2.45 0.00	36.70 2.16 -3.22	32.55 1.99 -2.15	30.04 2.02 0.00	27.54 1.78 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	24.40 1.29 0.00	23.23 1.02 0.00	22.35 0.96 0.00	22.31 0.96 0.00	22.60 0.95 0.00	23.21 0.94 0.00	24.77 1.29 0.00	25.52 1.65 0.00	25.68 1.66 0.00	25.19 1.69 0.00	26.49 1.85 0.00	25.53 1.71 0.00	24.68 1.51 0.00	24.56 1.46 0.00	24.78 1.60 0.00	24.80 1.71 0.00	27.36 2.00 0.00	34.86 2.64 0.00	39.20 2.87 0.00	38.38 2.88 0.00	36.90 2.51 -3.09	32.77 2.30 -2.06	30.38 2.35 0.00	27.82 2.06 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	24.40 1.29 0.00	23.23 1.02 0.00	22.35 0.96 0.00	22.31 0.96 0.00	22.60 0.95 0.00	23.21 0.94 0.00	24.77 1.29 0.00	25.52 1.65 0.00	25.68 1.66 0.00	25.19 1.69 0.00	26.49 1.85 0.00	25.53 1.71 0.00	24.68 1.51 0.00	24.56 1.46 0.00	24.78 1.60 0.00	24.80 1.71 0.00	27.36 2.00 0.00	34.86 2.64 0.00	39.20 2.87 0.00	38.38 2.88 0.00	36.90 2.51 -3.09	32.77 2.30 -2.06	30.38 2.35 0.00	27.82 2.06 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	24.68 1.57 0.00	23.48 1.27 0.00	22.58 1.20 0.00	22.57 1.22 0.00	22.82 1.17 0.00	23.41 1.14 0.00	25.00 1.53 0.00	25.68 1.81 0.00	25.82 1.80 0.00	25.23 1.74 0.00	26.49 1.85 0.00	25.48 1.67 0.00	24.64 1.46 0.00	24.49 1.39 0.00	24.73 1.55 0.00	24.80 1.71 0.00	27.46 2.10 0.00	35.15 2.93 0.00	39.60 3.27 0.00	38.73 3.23 0.00	37.27 2.85 -3.10	32.99 2.50 -2.07	30.58 2.55 0.00	28.00 2.24 0.00
POLETTI____ 23519	24.44 1.34 0.00	23.21 1.00 0.00	22.35 0.96 0.00	22.31 0.96 0.00	22.60 0.95 0.00	23.17 0.89 0.00	24.75 1.27 0.00	25.54 1.67 0.00	25.73 1.71 0.00	25.26 1.76 0.00	26.64 2.00 0.00	25.67 1.86 0.00	24.82 1.65 0.00	24.68 1.57 0.00	24.93 1.74 -0.02	24.94 1.85 0.00	27.53 2.16 -0.02	34.99 2.77 0.00	39.24 2.91 0.00	38.41 2.91 0.00	36.90 2.54 -3.05	32.87 2.42 -2.03	30.49 2.47 0.00	27.90 2.14 0.00
POMONA___ESR 323819	24.31 1.20 0.00	23.14 0.93 0.00	22.26 0.88 0.00	22.22 0.88 0.00	22.54 0.89 0.00	23.12 0.85 0.00	24.68 1.20 0.00	25.40 1.53 0.00	25.58 1.56 0.00	25.07 1.57 0.00	26.37 1.72 0.00	25.41 1.60 0.00	24.57 1.39 0.00	24.42 1.32 0.00	24.64 1.46 0.00	24.67 1.57 0.00	27.21 1.85 0.00	34.66 2.45 0.00	38.98 2.65 0.00	38.13 2.63 0.00	36.58 2.32 -2.95	32.54 2.16 -1.96	30.18 2.16 0.00	27.67 1.91 0.00
PORT_JEFF_3 23555	27.77 2.03 -2.63	24.07 1.75 -0.10	23.03 1.65 0.00	22.99 1.64 0.00	23.32 1.67 0.00	23.90 1.63 0.00	25.99 2.07 -0.45	29.95 2.39 -3.69	31.55 2.38 -5.15	30.50 2.44 -4.56	27.46 2.66 -0.15	26.35 2.43 -0.10	25.99 2.27 -0.54	25.43 2.17 -0.15	28.10 2.32 -2.60	31.77 2.45 -6.23	33.04 2.81 -4.87	38.93 3.67 -3.05	44.56 4.00 -4.24	40.28 3.94 -0.84	37.81 3.44 -3.05	34.11 3.15 -2.54	32.99 3.14 -1.83	32.41 2.81 -3.84
PORT_JEFF_4 23616	27.77 2.03 -2.63	24.07 1.75 -0.10	23.03 1.65 0.00	22.99 1.64 0.00	23.32 1.67 0.00	23.90 1.63 0.00	25.99 2.07 -0.45	29.95 2.39 -3.69	31.55 2.38 -5.15	30.50 2.44 -4.56	27.46 2.66 -0.15	26.35 2.43 -0.10	25.99 2.27 -0.54	25.43 2.17 -0.15	28.10 2.32 -2.60	31.77 2.45 -6.23	33.04 2.81 -4.87	38.93 3.67 -3.05	44.56 4.00 -4.24	40.28 3.94 -0.84	37.81 3.44 -3.05	34.11 3.15 -2.54	32.99 3.14 -1.83	32.41 2.81 -3.84
PORT_JEFF_IC 23713	27.79 2.06 -2.63	24.07 1.75 -0.10	23.03 1.65 0.00	22.99 1.64 0.00	23.32 1.67 0.00	23.90 1.63 0.00	26.01 2.09 -0.45	29.97 2.41 -3.69	31.60 2.43 -5.15	30.52 2.47 -4.56	27.49 2.69 -0.16	26.35 2.43 -0.11	25.99 2.27 -0.55	25.45 2.19 -0.15	28.12 2.34 -2.60	31.77 2.45 -6.23	33.07 2.84 -4.87	38.97 3.70 -3.05	44.64 4.07 -4.24	40.35 4.01 -0.84	37.84 3.48 -3.05	34.11 3.15 -2.54	33.05 3.19 -1.83	32.44 2.83 -3.84
PPL PILGRIM_ST_GT1 24216	27.79 2.06 -2.63	24.07 1.75 -0.10	23.03 1.65 0.00	22.99 1.64 0.00	23.32 1.67 0.00	23.90 1.63 0.00	26.01 2.09 -0.45	29.98 2.41 -3.70	31.63 2.45 -5.15	30.52 2.47 -4.56	27.49 2.69 -0.16	26.39 2.45 -0.12	26.01 2.27 -0.56	25.48 2.20 -0.18	28.15 2.37 -2.61	31.79 2.47 -6.23	33.07 2.84 -4.87	39.00 3.74 -3.05	44.64 4.07 -4.24	40.35 4.01 -0.84	37.87 3.51 -3.05	34.17 3.21 -2.54	33.07 3.22 -1.83	32.51 2.91 -3.84



PPL PILGRIM_ST_GT2 24217	27.79 2.06 -2.63	24.07 1.75 -0.10	23.03 1.65 0.00	22.99 1.64 0.00	23.32 1.67 0.00	23.90 1.63 0.00	26.01 2.09 -0.45	29.98 2.41 -3.70	31.63 2.45 -5.15	30.52 2.47 -4.56	27.49 2.69 -0.16	26.39 2.45 -0.12	26.01 2.27 -0.56	25.48 2.20 -0.18	28.15 2.37 -2.61	31.79 2.47 -6.23	33.07 2.84 -4.87	39.00 3.74 -3.05	44.64 4.07 -4.24	40.35 4.01 -0.84	37.87 3.51 -3.05	34.17 3.21 -2.54	33.07 3.22 -1.83	32.51 2.91 -3.84
PPL_SHRM_GT3 24213	27.79 2.06 -2.63	24.11 1.80 -0.10	23.12 1.73 0.00	23.08 1.73 0.00	23.38 1.73 0.00	23.95 1.67 0.00	26.04 2.11 -0.45	29.90 2.34 -3.69	31.48 2.31 -5.15	30.50 2.44 -4.56	27.49 2.69 -0.15	26.35 2.43 -0.11	26.01 2.29 -0.54	25.47 2.22 -0.15	28.10 2.32 -2.60	31.72 2.40 -6.23	32.97 2.74 -4.87	38.71 3.45 -3.05	44.35 3.78 -4.24	40.07 3.73 -0.84	37.62 3.26 -3.05	33.91 2.96 -2.54	32.77 2.91 -1.83	32.23 2.63 -3.84
PPL_SHRM_GT4 24214	27.79 2.06 -2.63	24.11 1.80 -0.10	23.12 1.73 0.00	23.08 1.73 0.00	23.38 1.73 0.00	23.95 1.67 0.00	26.04 2.11 -0.45	29.90 2.34 -3.69	31.48 2.31 -5.15	30.50 2.44 -4.56	27.49 2.69 -0.15	26.35 2.43 -0.11	26.01 2.29 -0.54	25.47 2.22 -0.15	28.10 2.32 -2.60	31.72 2.40 -6.23	32.97 2.74 -4.87	38.71 3.45 -3.05	44.35 3.78 -4.24	40.07 3.73 -0.84	37.62 3.26 -3.05	33.91 2.96 -2.54	32.77 2.91 -1.83	32.23 2.63 -3.84
PROJECT___ORANGE 1 24174	22.60 -0.51 0.00	21.72 -0.49 0.00	20.92 -0.47 0.00	20.86 -0.49 0.00	21.22 -0.43 0.00	21.83 -0.45 0.00	23.13 -0.35 0.00	23.51 -0.36 0.00	23.66 -0.36 0.00	23.19 -0.31 0.00	24.32 -0.32 0.00	23.48 -0.33 0.00	22.74 -0.44 0.00	22.57 -0.53 0.00	22.64 -0.53 0.00	22.63 -0.46 0.00	24.88 -0.48 0.00	31.80 -0.42 0.00	35.89 -0.44 0.00	35.04 -0.46 0.00	31.18 -0.47 -0.33	28.21 -0.43 -0.22	27.66 -0.36 0.00	25.53 -0.23 0.00
PROJECT___ORANGE 2 24166	22.60 -0.51 0.00	21.72 -0.49 0.00	20.92 -0.47 0.00	20.86 -0.49 0.00	21.22 -0.43 0.00	21.83 -0.45 0.00	23.13 -0.35 0.00	23.51 -0.36 0.00	23.66 -0.36 0.00	23.19 -0.31 0.00	24.32 -0.32 0.00	23.48 -0.33 0.00	22.74 -0.44 0.00	22.57 -0.53 0.00	22.64 -0.53 0.00	22.63 -0.46 0.00	24.88 -0.48 0.00	31.80 -0.42 0.00	35.89 -0.44 0.00	35.04 -0.46 0.00	31.18 -0.47 -0.33	28.21 -0.43 -0.22	27.66 -0.36 0.00	25.53 -0.23 0.00
PUCKETT___SOLAR 323809	23.80 0.69 0.00	22.81 0.60 0.00	21.96 0.58 0.00	21.90 0.55 0.00	22.34 0.69 0.00	22.99 0.71 0.00	24.44 0.96 0.00	24.85 0.98 0.00	24.94 0.91 0.00	24.36 0.87 0.00	25.51 0.86 0.00	24.58 0.76 0.00	23.69 0.51 0.00	23.50 0.39 0.00	23.55 0.37 0.00	23.63 0.53 0.00	26.15 0.79 0.00	33.79 1.58 0.00	38.18 1.85 0.00	37.24 1.74 0.00	33.67 1.28 -1.07	30.41 1.28 -0.71	29.34 1.32 0.00	27.07 1.31 0.00
PYRITES___HYD 24023	23.22 0.12 0.00	22.43 0.22 0.00	21.64 0.26 0.00	21.63 0.28 0.00	21.84 0.19 0.00	22.43 0.16 0.00	23.38 -0.09 0.00	23.65 -0.21 0.00	23.78 -0.24 0.00	23.19 -0.31 0.00	24.25 -0.39 0.00	23.46 -0.36 0.00	22.99 -0.19 0.00	23.04 -0.07 0.00	22.94 -0.23 0.00	22.77 -0.32 0.00	24.98 -0.38 0.00	31.67 -0.55 0.00	35.78 -0.54 0.00	34.93 -0.57 0.00	30.91 -0.41 0.00	27.93 -0.48 0.00	27.46 -0.56 0.00	25.27 -0.49 0.00
QUAKERRD_115KV_BK1 80622	21.70 -1.41 0.00	20.88 -1.33 0.00	20.10 -1.28 0.00	20.02 -1.32 0.00	20.39 -1.26 0.00	21.01 -1.27 0.00	22.33 -1.15 0.00	22.51 -1.36 0.00	22.68 -1.35 0.00	22.27 -1.22 0.00	23.36 -1.28 0.00	22.63 -1.19 0.00	21.79 -1.39 0.00	21.63 -1.48 0.00	21.62 -1.55 0.00	21.62 -1.48 0.00	23.71 -1.65 0.00	30.57 -1.64 0.00	34.55 -1.78 0.00	33.73 -1.78 0.00	30.22 -1.50 -0.41	27.33 -1.36 -0.27	26.57 -1.46 0.00	24.63 -1.13 0.00
QUENSBRY_115KV_TB8 356137	24.38 1.27 0.00	23.28 1.07 0.00	22.39 1.01 0.00	22.35 1.00 0.00	22.67 1.02 0.00	23.34 1.07 0.00	24.86 1.39 0.00	25.42 1.55 0.00	25.58 1.56 0.00	24.88 1.39 0.00	26.15 1.50 0.00	25.17 1.36 0.00	24.31 1.14 0.00	24.12 1.02 0.00	24.31 1.14 0.00	24.41 1.32 0.00	27.19 1.83 0.00	34.86 2.64 0.00	39.42 3.09 0.00	38.63 3.12 0.00	37.86 2.66 -3.88	33.33 2.33 -2.59	30.32 2.30 0.00	27.77 2.01 0.00
RAMAPO___LBMP 323565	24.21 1.11 0.00	23.08 0.87 0.00	22.20 0.81 0.00	22.16 0.81 0.00	22.47 0.82 0.00	23.05 0.78 0.00	24.61 1.13 0.00	25.32 1.46 0.00	25.49 1.47 0.00	25.00 1.50 0.00	26.29 1.65 0.00	25.34 1.52 0.00	24.50 1.32 0.00	24.35 1.25 0.00	24.57 1.39 0.00	24.57 1.48 0.00	27.11 1.75 0.00	34.53 2.32 0.00	38.84 2.51 0.00	37.99 2.49 0.00	36.44 2.19 -2.94	32.39 2.02 -1.96	30.10 2.07 0.00	27.56 1.80 0.00
RANKINE____ 23646	21.72 -1.39 0.00	20.94 -1.27 0.00	20.15 -1.24 0.00	20.05 -1.30 0.00	20.52 -1.13 0.00	21.18 -1.09 0.00	22.54 -0.94 0.00	22.36 -1.50 0.00	22.58 -1.44 0.00	22.27 -1.22 0.00	23.39 -1.26 0.00	22.72 -1.10 0.00	21.74 -1.44 0.00	21.56 -1.55 0.00	21.41 -1.76 0.00	21.41 -1.69 0.00	23.41 -1.95 0.00	30.48 -1.74 0.00	34.40 -1.93 0.00	33.51 -1.99 0.00	29.35 -2.47 -0.51	26.57 -2.19 -0.34	26.60 -1.43 0.00	24.96 -0.80 0.00
RAVENSWOOD_GT2_1 24244	24.51 1.41 0.00	23.30 1.09 0.00	22.41 1.03 0.00	22.37 1.02 0.00	22.67 1.02 0.00	23.26 0.98 0.00	24.82 1.34 0.00	25.59 1.72 0.00	25.80 1.78 0.00	25.33 1.83 0.00	26.69 2.05 0.00	25.72 1.91 0.00	24.87 1.69 0.00	24.72 1.62 0.00	24.98 1.78 -0.02	24.99 1.89 0.00	27.58 2.21 -0.02	35.08 2.87 0.00	39.34 3.02 0.00	38.52 3.02 0.00	37.00 2.63 -3.05	32.95 2.50 -2.03	30.58 2.55 0.00	27.98 2.22 0.00
RAVENSWOOD_GT2_2 24245	24.51 1.41 0.00	23.30 1.09 0.00	22.41 1.03 0.00	22.37 1.02 0.00	22.67 1.02 0.00	23.26 0.98 0.00	24.82 1.34 0.00	25.59 1.72 0.00	25.80 1.78 0.00	25.33 1.83 0.00	26.69 2.05 0.00	25.72 1.91 0.00	24.87 1.69 0.00	24.72 1.62 0.00	24.98 1.78 -0.02	24.99 1.89 0.00	27.58 2.21 -0.02	35.08 2.87 0.00	39.34 3.02 0.00	38.52 3.02 0.00	37.00 2.63 -3.05	32.95 2.50 -2.03	30.58 2.55 0.00	27.98 2.22 0.00
RAVENSWOOD_GT2_3 24246	24.51 1.41 0.00	23.30 1.09 0.00	22.41 1.03 0.00	22.37 1.02 0.00	22.67 1.02 0.00	23.26 0.98 0.00	24.82 1.34 0.00	25.61 1.74 0.00	25.82 1.80 0.00	25.33 1.83 0.00	26.69 2.05 0.00	25.72 1.91 0.00	24.89 1.72 0.00	24.75 1.64 0.00	25.00 1.81 -0.02	24.99 1.89 0.00	27.58 2.21 -0.02	35.08 2.87 0.00	39.38 3.05 0.00	38.52 3.02 0.00	37.00 2.63 -3.05	32.95 2.50 -2.03	30.58 2.55 0.00	27.98 2.22 0.00
RAVENSWOOD_GT2_4 24247	24.51 1.41 0.00	23.30 1.09 0.00	22.41 1.03 0.00	22.37 1.02 0.00	22.67 1.02 0.00	23.26 0.98 0.00	24.82 1.34 0.00	25.61 1.74 0.00	25.82 1.80 0.00	25.33 1.83 0.00	26.69 2.05 0.00	25.72 1.91 0.00	24.89 1.72 0.00	24.75 1.64 0.00	25.00 1.81 -0.02	24.99 1.89 0.00	27.58 2.21 -0.02	35.08 2.87 0.00	39.38 3.05 0.00	38.52 3.02 0.00	37.00 2.63 -3.05	32.95 2.50 -2.03	30.58 2.55 0.00	27.98 2.22 0.00



RAVENSWOOD_GT3_1 24248	24.51 1.41 0.00	23.30 1.09 0.00	22.41 1.03 0.00	22.37 1.02 0.00	22.67 1.02 0.00	23.26 0.98 0.00	24.82 1.34 0.00	25.61 1.74 0.00	25.80 1.78 0.00	25.33 1.83 0.00	26.69 2.05 0.00	25.72 1.91 0.00	24.87 1.69 0.00	24.75 1.64 0.00	24.98 1.78 -0.02	24.99 1.89 0.00	27.58 2.21 -0.02	35.08 2.87 0.00	39.34 3.02 0.00	38.52 3.02 0.00	37.00 2.63 -3.05	32.95 2.50 -2.03	30.58 2.55 0.00	27.98 2.22 0.00
RAVENSWOOD_GT3_2 24249	24.51 1.41 0.00	23.30 1.09 0.00	22.41 1.03 0.00	22.37 1.02 0.00	22.67 1.02 0.00	23.26 0.98 0.00	24.82 1.34 0.00	25.61 1.74 0.00	25.80 1.78 0.00	25.33 1.83 0.00	26.69 2.05 0.00	25.72 1.91 0.00	24.87 1.69 0.00	24.75 1.64 0.00	24.98 1.78 -0.02	24.99 1.89 0.00	27.58 2.21 -0.02	35.08 2.87 0.00	39.34 3.02 0.00	38.52 3.02 0.00	37.00 2.63 -3.05	32.95 2.50 -2.03	30.58 2.55 0.00	27.98 2.22 0.00
RAVENSWOOD_GT3_3 24250	24.54 1.43 0.00	23.32 1.11 0.00	22.43 1.05 0.00	22.39 1.05 0.00	22.69 1.04 0.00	23.28 1.00 0.00	24.84 1.36 0.00	25.63 1.77 0.00	25.82 1.80 0.00	25.35 1.86 0.00	26.74 2.09 0.00	25.75 1.93 0.00	24.91 1.74 0.00	24.77 1.66 0.00	25.02 1.83 -0.02	25.01 1.92 0.00	27.61 2.23 -0.02	35.11 2.90 0.00	39.42 3.09 0.00	38.56 3.05 0.00	37.06 2.69 -3.05	32.98 2.53 -2.03	30.63 2.61 0.00	28.00 2.24 0.00
RAVENSWOOD_GT3_4 24251	24.54 1.43 0.00	23.32 1.11 0.00	22.43 1.05 0.00	22.39 1.05 0.00	22.69 1.04 0.00	23.28 1.00 0.00	24.84 1.36 0.00	25.63 1.77 0.00	25.82 1.80 0.00	25.35 1.86 0.00	26.74 2.09 0.00	25.75 1.93 0.00	24.91 1.74 0.00	24.77 1.66 0.00	25.02 1.83 -0.02	25.01 1.92 0.00	27.61 2.23 -0.02	35.11 2.90 0.00	39.42 3.09 0.00	38.56 3.05 0.00	37.06 2.69 -3.05	32.98 2.53 -2.03	30.63 2.61 0.00	28.00 2.24 0.00
RAVENSWOOD_GT_1 23729	24.68 1.57 0.00	23.45 1.24 0.00	22.56 1.18 0.00	22.52 1.17 0.00	22.82 1.17 0.00	23.34 1.07 0.00	24.86 1.39 0.00	25.63 1.77 0.00	25.85 1.83 0.00	25.40 1.90 0.00	34.45 2.12 -7.69	34.72 1.98 -8.93	39.18 1.76 -14.25	35.27 1.69 -10.48	25.09 1.90 -0.02	25.08 1.99 0.00	27.68 2.31 -0.02	37.84 2.96 -2.66	39.49 3.16 0.00	38.63 3.12 0.00	40.72 2.72 -6.68	33.31 2.59 -2.31	30.73 2.69 -0.02	32.39 2.29 -4.34
RAVENSWOOD_GT_10 24258	24.51 1.41 0.00	23.30 1.09 0.00	22.41 1.03 0.00	22.37 1.02 0.00	22.67 1.02 0.00	23.26 0.98 0.00	24.82 1.34 0.00	25.61 1.74 0.00	25.80 1.78 0.00	25.33 1.83 0.00	26.69 2.05 0.00	25.72 1.91 0.00	24.87 1.69 0.00	24.75 1.64 0.00	25.00 1.81 -0.02	24.99 1.89 0.00	27.58 2.21 -0.02	35.08 2.87 0.00	39.34 3.02 0.00	38.52 3.02 0.00	37.00 2.63 -3.05	32.95 2.50 -2.03	30.58 2.55 0.00	27.98 2.22 0.00
RAVENSWOOD_GT_11 24259	24.51 1.41 0.00	23.30 1.09 0.00	22.41 1.03 0.00	22.37 1.02 0.00	22.67 1.02 0.00	23.26 0.98 0.00	24.82 1.34 0.00	25.61 1.74 0.00	25.80 1.78 0.00	25.33 1.83 0.00	26.69 2.05 0.00	25.72 1.91 0.00	24.87 1.69 0.00	24.75 1.64 0.00	25.00 1.81 -0.02	24.99 1.89 0.00	27.58 2.21 -0.02	35.08 2.87 0.00	39.34 3.02 0.00	38.52 3.02 0.00	37.00 2.63 -3.05	32.95 2.50 -2.03	30.58 2.55 0.00	27.98 2.22 0.00
RAVENSWOOD_GT_4 24252	24.51 1.41 0.00	23.28 1.07 0.00	22.39 1.01 0.00	22.35 1.00 0.00	22.67 1.02 0.00	23.23 0.96 0.00	24.82 1.34 0.00	25.61 1.74 0.00	25.80 1.78 0.00	25.33 1.83 0.00	26.69 2.05 0.00	25.72 1.91 0.00	24.87 1.69 0.00	24.72 1.62 0.00	24.98 1.78 -0.02	24.99 1.89 0.00	27.58 2.21 -0.02	35.08 2.87 0.00	39.34 3.02 0.00	38.52 3.02 0.00	37.00 2.63 -3.05	32.92 2.47 -2.03	30.58 2.55 0.00	27.98 2.22 0.00
RAVENSWOOD_GT_5 24254	24.51 1.41 0.00	23.28 1.07 0.00	22.39 1.01 0.00	22.35 1.00 0.00	22.67 1.02 0.00	23.23 0.96 0.00	24.82 1.34 0.00	25.61 1.74 0.00	25.80 1.78 0.00	25.33 1.83 0.00	26.69 2.05 0.00	25.72 1.91 0.00	24.87 1.69 0.00	24.72 1.62 0.00	24.98 1.78 -0.02	24.99 1.89 0.00	27.58 2.21 -0.02	35.08 2.87 0.00	39.34 3.02 0.00	38.52 3.02 0.00	37.00 2.63 -3.05	32.92 2.47 -2.03	30.58 2.55 0.00	27.98 2.22 0.00
RAVENSWOOD_GT_6 24253	24.51 1.41 0.00	23.28 1.07 0.00	22.39 1.01 0.00	22.35 1.00 0.00	22.67 1.02 0.00	23.23 0.96 0.00	24.82 1.34 0.00	25.61 1.74 0.00	25.80 1.78 0.00	25.33 1.83 0.00	26.69 2.05 0.00	25.72 1.91 0.00	24.87 1.69 0.00	24.72 1.62 0.00	24.98 1.78 -0.02	24.99 1.89 0.00	27.58 2.21 -0.02	35.08 2.87 0.00	39.34 3.02 0.00	38.52 3.02 0.00	37.00 2.63 -3.05	32.92 2.47 -2.03	30.58 2.55 0.00	27.98 2.22 0.00
RAVENSWOOD_GT_7 24255	24.51 1.41 0.00	23.28 1.07 0.00	22.39 1.01 0.00	22.35 1.00 0.00	22.67 1.02 0.00	23.23 0.96 0.00	24.82 1.34 0.00	25.61 1.74 0.00	25.80 1.78 0.00	25.33 1.83 0.00	26.69 2.05 0.00	25.72 1.91 0.00	24.87 1.69 0.00	24.72 1.62 0.00	24.98 1.78 -0.02	24.99 1.89 0.00	27.58 2.21 -0.02	35.08 2.87 0.00	39.34 3.02 0.00	38.52 3.02 0.00	37.00 2.63 -3.05	32.92 2.47 -2.03	30.58 2.55 0.00	27.98 2.22 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	24.51 1.41 0.00	23.30 1.09 0.00	22.41 1.03 0.00	22.37 1.02 0.00	22.67 1.02 0.00	23.26 0.98 0.00	24.82 1.34 0.00	25.61 1.74 0.00	25.80 1.78 0.00	25.33 1.83 0.00	26.69 2.05 0.00	25.72 1.91 0.00	24.87 1.69 0.00	24.75 1.64 0.00	25.00 1.81 -0.02	24.99 1.89 0.00	27.58 2.21 -0.02	35.08 2.87 0.00	39.34 3.02 0.00	38.52 3.02 0.00	37.00 2.63 -3.05	32.95 2.50 -2.03	30.58 2.55 0.00	27.98 2.22 0.00
RAVENSWOOD_GT_9 24257	24.51 1.41 0.00	23.30 1.09 0.00	22.41 1.03 0.00	22.37 1.02 0.00	22.67 1.02 0.00	23.26 0.98 0.00	24.82 1.34 0.00	25.61 1.74 0.00	25.80 1.78 0.00	25.33 1.83 0.00	26.69 2.05 0.00	25.72 1.91 0.00	24.87 1.69 0.00	24.75 1.64 0.00	25.00 1.81 -0.02	24.99 1.89 0.00	27.58 2.21 -0.02	35.08 2.87 0.00	39.34 3.02 0.00	38.52 3.02 0.00	37.00 2.63 -3.05	32.95 2.50 -2.03	30.58 2.55 0.00	27.98 2.22 0.00
RAVENSWOOD___1 23533	24.66 1.55 -0.01	23.44 1.22 -0.01	22.55 1.15 -0.01	22.51 1.15 -0.01	22.80 1.15 -0.01	23.32 1.05 0.00	24.84 1.36 0.00	25.59 1.72 0.00	25.85 1.82 0.00	25.38 1.88 0.00	30.61 2.09 -3.87	30.27 1.95 -4.50	32.09 1.74 -7.17	30.07 1.69 -5.28	25.05 1.85 -0.02	25.06 1.96 0.00	27.66 2.28 -0.02	36.49 2.93 -1.34	39.45 3.12 0.00	38.59 3.09 0.00	38.89 2.69 -4.88	33.15 2.56 -2.17	30.53 2.49 -0.01	30.21 2.27 -2.19
RAVENSWOOD___2 23534	24.64 1.52 -0.01	23.42 1.20 -0.01	22.53 1.13 -0.01	22.49 1.13 -0.01	22.78 1.13 -0.01	23.32 1.05 0.00	24.84 1.36 0.00	25.59 1.72 0.00	25.83 1.80 0.00	25.38 1.88 0.00	30.48 2.07 -3.77	30.12 1.93 -4.37	31.90 1.74 -6.98	29.91 1.66 -5.14	25.05 1.85 -0.02	25.06 1.96 0.00	27.66 2.28 -0.02	36.45 2.93 -1.30	39.42 3.09 0.00	38.56 3.05 0.00	38.84 2.69 -4.83	33.11 2.53 -2.17	30.53 2.49 -0.01	30.13 2.24 -2.13



RAVENSWOOD___3 23535	24.51 1.41 0.00	23.30 1.09 0.00	22.41 1.03 0.00	22.37 1.02 0.00	22.67 1.02 0.00	23.25 0.98 0.00	24.82 1.34 0.00	25.59 1.72 0.00	25.80 1.78 0.00	25.33 1.83 0.00	26.69 2.04 0.00	25.72 1.91 0.00	24.87 1.69 0.00	24.72 1.62 0.00	24.98 1.78 -0.02	24.99 1.89 0.00	27.58 2.21 -0.02	35.08 2.87 0.00	39.34 3.01 0.00	38.52 3.02 0.00	37.00 2.63 -3.05	32.95 2.50 -2.03	30.52 2.49 0.00	27.98 2.22 0.00
RAVENSWOOD___4 23820	24.64 1.52 -0.01	23.40 1.18 -0.01	22.53 1.13 -0.01	22.49 1.13 -0.01	22.78 1.13 -0.01	23.30 1.03 0.00	24.82 1.34 0.00	25.59 1.72 0.00	25.83 1.80 0.00	25.35 1.86 0.00	26.71 2.07 0.00	25.75 1.93 0.00	24.89 1.72 0.00	24.77 1.66 0.00	25.02 1.83 -0.02	25.03 1.94 0.00	27.63 2.26 -0.02	35.12 2.90 0.00	39.42 3.09 0.00	38.56 3.05 0.00	37.03 2.66 -3.05	32.98 2.53 -2.03	30.52 2.49 0.00	28.00 2.24 0.00
RCPL_TRUST___DRP 24196	24.51 1.41 0.00	23.30 1.09 0.00	22.41 1.03 0.00	22.37 1.02 0.00	22.67 1.02 0.00	23.26 0.98 0.00	24.82 1.34 0.00	25.61 1.74 0.00	25.82 1.80 0.00	25.35 1.86 0.00	26.71 2.07 0.00	25.75 1.93 0.00	24.89 1.72 0.00	24.77 1.66 0.00	25.00 1.81 -0.02	25.01 1.92 0.00	27.61 2.23 -0.02	35.11 2.90 0.00	39.38 3.05 0.00	38.52 3.02 0.00	37.00 2.63 -3.05	32.95 2.50 -2.03	30.60 2.58 0.00	28.00 2.24 0.00
RED___ROCHESTER 323720	22.20 -0.90 0.00	21.34 -0.87 0.00	20.55 -0.83 0.00	20.47 -0.88 0.00	20.87 -0.78 0.00	21.50 -0.78 0.00	22.91 -0.56 0.00	23.01 -0.86 0.00	23.21 -0.82 0.00	22.79 -0.70 0.00	23.93 -0.72 0.00	23.17 -0.64 0.00	22.30 -0.88 0.00	22.11 -0.99 0.00	22.09 -1.09 0.00	22.08 -1.02 0.00	24.22 -1.14 0.00	31.35 -0.87 0.00	35.42 -0.91 0.00	34.58 -0.92 0.00	30.95 -0.78 -0.42	27.82 -0.88 -0.28	27.24 -0.78 0.00	25.27 -0.49 0.00
REGAN___SOLAR 323812	25.39 2.29 0.00	24.28 2.07 0.00	23.35 1.97 0.00	23.29 1.94 0.00	23.62 1.97 0.00	24.39 2.12 0.00	26.01 2.54 0.00	26.61 2.74 0.00	26.74 2.71 0.00	25.80 2.30 0.00	27.01 2.37 0.00	25.89 2.07 0.00	24.94 1.76 0.00	24.77 1.66 0.00	24.96 1.78 0.00	25.24 2.15 0.00	28.38 3.02 0.00	36.63 4.41 0.00	41.56 5.23 0.00	40.76 5.25 0.00	40.03 4.44 -4.27	35.27 4.01 -2.84	32.00 3.98 0.00	29.26 3.50 0.00
RENSSELAER___COGEN 23796	23.61 0.51 0.00	22.54 0.33 0.00	21.69 0.30 0.00	21.65 0.30 0.00	21.93 0.28 0.00	22.54 0.27 0.00	23.95 0.47 0.00	24.51 0.64 0.00	24.65 0.62 0.00	24.06 0.56 0.00	25.36 0.72 0.00	24.46 0.64 0.00	23.73 0.56 0.00	23.61 0.51 0.00	23.80 0.63 0.00	23.86 0.76 0.00	26.25 0.89 0.00	33.47 1.26 0.00	37.71 1.38 0.00	36.89 1.38 0.00	36.23 1.16 -3.76	32.00 1.08 -2.50	29.12 1.09 0.00	26.69 0.93 0.00
REPUBLIC_115KV_BARTNBRK 55605	25.16 2.06 0.00	23.97 1.75 0.00	23.03 1.65 0.00	22.99 1.64 0.00	23.29 1.65 0.00	24.06 1.78 0.00	25.66 2.18 0.00	26.28 2.41 0.00	26.45 2.43 0.00	25.66 2.16 0.00	26.91 2.27 0.00	25.86 2.05 0.00	24.94 1.76 0.00	24.68 1.57 0.00	24.89 1.72 0.00	25.06 1.96 0.00	28.07 2.71 0.00	36.18 3.96 0.00	41.02 4.69 0.00	40.22 4.72 0.00	39.20 4.01 -3.88	34.50 3.50 -2.59	31.47 3.45 0.00	28.80 3.04 0.00
REVERE_CPPR_DRP 24186	23.89 0.79 0.00	22.94 0.73 0.00	22.09 0.71 0.00	22.05 0.70 0.00	22.47 0.82 0.00	23.19 0.91 0.00	24.56 1.08 0.00	25.01 1.15 0.00	25.18 1.15 0.00	24.58 1.08 0.00	25.75 1.11 0.00	24.82 1.00 0.00	24.01 0.83 0.00	23.87 0.76 0.00	23.96 0.79 0.00	23.95 0.85 0.00	26.45 1.09 0.00	34.02 1.80 0.00	38.44 2.11 0.00	37.46 1.95 0.00	33.18 1.69 -0.18	30.01 1.48 -0.12	29.43 1.40 0.00	27.07 1.31 0.00
REYNOLDS_115KV_TB3 80639	23.80 0.69 0.00	22.74 0.53 0.00	21.88 0.49 0.00	21.84 0.49 0.00	22.12 0.48 0.00	22.74 0.47 0.00	24.16 0.68 0.00	24.70 0.84 0.00	24.86 0.84 0.00	24.27 0.78 0.00	25.60 0.96 0.00	24.70 0.88 0.00	23.92 0.74 0.00	23.80 0.69 0.00	24.01 0.83 0.00	24.04 0.95 0.00	26.50 1.14 0.00	33.76 1.55 0.00	38.04 1.71 0.00	37.21 1.70 0.00	36.55 1.47 -3.76	32.26 1.34 -2.51	29.37 1.35 0.00	26.94 1.18 0.00
RIVERBAY____ 323610	24.77 1.66 0.00	23.54 1.33 0.00	22.67 1.28 0.00	22.63 1.28 0.00	22.93 1.28 0.00	23.41 1.14 0.00	24.93 1.46 0.00	25.71 1.84 0.00	25.92 1.90 0.00	25.45 1.95 0.00	26.83 2.19 0.01	25.86 2.05 0.01	25.02 1.85 0.01	24.90 1.80 0.01	25.19 1.99 -0.02	25.17 2.08 0.00	27.81 2.43 -0.02	35.35 3.12 -0.01	39.67 3.34 0.00	38.80 3.30 0.00	37.24 2.88 -3.05	33.19 2.73 -2.04	30.92 2.89 -0.01	28.22 2.45 -0.01
RIVERSDE_115KV_TB3 55908	23.71 0.60 0.00	22.65 0.44 0.00	21.79 0.41 0.00	21.78 0.43 0.00	22.04 0.39 0.00	22.65 0.38 0.00	24.07 0.59 0.00	24.61 0.74 0.00	24.77 0.74 0.00	24.18 0.68 0.00	25.48 0.84 0.00	24.58 0.76 0.00	23.85 0.67 0.00	23.71 0.60 0.00	23.94 0.76 0.00	23.95 0.85 0.00	26.40 1.04 0.00	33.63 1.42 0.00	37.89 1.56 0.00	37.06 1.56 0.00	36.43 1.35 -3.77	32.15 1.22 -2.51	29.26 1.23 0.00	26.84 1.08 0.00
ROARING___BROOK_WT_PWR 323790	22.78 -0.32 0.00	21.97 -0.24 0.00	21.17 -0.21 0.00	21.16 -0.19 0.00	21.45 -0.20 0.00	22.10 -0.18 0.00	23.22 -0.26 0.00	23.58 -0.29 0.00	23.76 -0.26 0.00	23.26 -0.23 0.00	24.40 -0.25 0.00	23.60 -0.21 0.00	23.04 -0.14 0.00	23.01 -0.09 0.00	23.04 -0.14 0.00	22.91 -0.19 0.00	25.13 -0.23 0.00	31.83 -0.39 0.00	35.89 -0.43 0.00	35.08 -0.42 0.00	30.97 -0.34 0.00	28.11 -0.31 0.00	27.69 -0.34 0.00	25.45 -0.31 0.00
ROCHESRG_115KV_T4 355643	21.97 -1.13 0.00	21.14 -1.07 0.00	20.36 -1.03 0.00	20.28 -1.07 0.00	20.67 -0.97 0.00	21.30 -0.98 0.00	22.66 -0.82 0.00	22.75 -1.12 0.00	22.94 -1.08 0.00	22.53 -0.96 0.00	23.66 -0.99 0.00	22.91 -0.91 0.00	22.04 -1.14 0.00	21.88 -1.22 0.00	21.86 -1.32 0.00	21.82 -1.27 0.00	23.94 -1.42 0.00	30.93 -1.29 0.00	34.95 -1.38 0.00	34.12 -1.38 0.00	30.57 -1.16 -0.42	27.64 -1.05 -0.28	26.90 -1.12 0.00	24.99 -0.77 0.00
ROCHESTER_9_IC 23652	22.09 -1.02 0.00	21.26 -0.96 0.00	20.47 -0.92 0.00	20.37 -0.98 0.00	20.78 -0.87 0.00	21.41 -0.87 0.00	22.80 -0.68 0.00	22.89 -0.98 0.00	23.09 -0.94 0.00	22.67 -0.82 0.00	23.81 -0.84 0.00	23.05 -0.76 0.00	22.18 -1.00 0.00	22.02 -1.09 0.00	21.97 -1.21 0.00	21.96 -1.13 0.00	24.09 -1.27 0.00	31.15 -1.06 0.00	35.20 -1.13 0.00	34.37 -1.14 0.00	30.79 -0.94 -0.42	27.82 -0.88 -0.28	27.07 -0.95 0.00	25.14 -0.62 0.00
ROCKVIEW_13_KV_LD 356306	24.49 1.39 0.00	23.32 1.11 0.00	22.41 1.03 0.00	22.37 1.02 0.00	22.67 1.02 0.00	23.28 1.00 0.00	24.86 1.39 0.00	25.63 1.77 0.00	25.82 1.80 0.00	25.33 1.83 0.00	26.66 2.02 0.00	25.67 1.86 0.00	24.84 1.67 0.00	24.70 1.59 0.00	24.91 1.74 0.00	24.94 1.85 0.00	27.54 2.18 0.00	35.08 2.87 0.00	39.42 3.09 0.00	38.59 3.09 0.00	37.06 2.69 -3.05	32.92 2.47 -2.03	30.55 2.52 0.00	27.98 2.22 0.00



ROME____115KV_TB2 80656	23.89 0.79 0.00	22.94 0.73 0.00	22.09 0.71 0.00	22.05 0.70 0.00	22.47 0.82 0.00	23.19 0.91 0.00	24.56 1.08 0.00	25.01 1.15 0.00	25.18 1.15 0.00	24.58 1.08 0.00	25.75 1.11 0.00	24.82 1.00 0.00	24.01 0.83 0.00	23.87 0.76 0.00	23.96 0.79 0.00	23.95 0.85 0.00	26.45 1.09 0.00	34.02 1.80 0.00	38.44 2.11 0.00	37.46 1.95 0.00	33.18 1.69 -0.18	30.01 1.48 -0.12	29.43 1.40 0.00	27.07 1.31 0.00
ROSETON____1 23587	24.19 1.09 0.00	23.08 0.87 0.00	22.20 0.81 0.00	22.16 0.81 0.00	22.45 0.80 0.00	23.05 0.78 0.00	24.56 1.08 0.00	25.25 1.38 0.00	25.42 1.39 0.00	24.88 1.39 0.00	26.20 1.55 0.00	25.25 1.43 0.00	24.40 1.23 0.00	24.28 1.18 0.00	24.50 1.32 0.00	24.53 1.43 0.00	27.03 1.67 0.00	34.44 2.22 0.00	38.76 2.43 0.00	37.92 2.42 0.00	36.49 2.10 -3.08	32.43 1.96 -2.05	29.99 1.96 0.00	27.51 1.75 0.00
ROSETON____2 23588	24.19 1.09 0.00	23.08 0.87 0.00	22.20 0.81 0.00	22.16 0.81 0.00	22.45 0.80 0.00	23.05 0.78 0.00	24.56 1.08 0.00	25.25 1.38 0.00	25.42 1.39 0.00	24.88 1.39 0.00	26.20 1.55 0.00	25.25 1.43 0.00	24.40 1.23 0.00	24.28 1.18 0.00	24.50 1.32 0.00	24.53 1.43 0.00	27.03 1.67 0.00	34.44 2.22 0.00	38.76 2.43 0.00	37.92 2.42 0.00	36.49 2.10 -3.08	32.43 1.96 -2.05	29.99 1.96 0.00	27.51 1.75 0.00
ROTTRDAM_115KV_TB3 80664	23.87 0.76 0.00	22.85 0.64 0.00	21.99 0.60 0.00	21.95 0.60 0.00	22.25 0.61 0.00	22.88 0.60 0.00	24.28 0.80 0.00	24.80 0.93 0.00	24.96 0.94 0.00	24.36 0.87 0.00	25.60 0.96 0.00	24.70 0.88 0.00	23.92 0.74 0.00	23.80 0.69 0.00	23.96 0.79 0.00	23.99 0.90 0.00	26.48 1.12 0.00	33.79 1.58 0.00	38.11 1.78 0.00	37.28 1.78 0.00	36.77 1.53 -3.92	32.39 1.36 -2.61	29.40 1.37 0.00	27.00 1.24 0.00
RUSSELL____1 23602	22.20 -0.90 0.00	21.34 -0.87 0.00	20.55 -0.83 0.00	20.45 -0.90 0.00	20.87 -0.78 0.00	21.50 -0.78 0.00	22.89 -0.59 0.00	22.99 -0.88 0.00	23.21 -0.82 0.00	22.79 -0.70 0.00	23.93 -0.71 0.00	23.17 -0.64 0.00	22.30 -0.88 0.00	22.11 -0.99 0.00	22.09 -1.09 0.00	22.08 -1.02 0.00	24.22 -1.14 0.00	31.35 -0.87 0.00	35.42 -0.91 0.00	34.58 -0.92 0.00	30.95 -0.78 -0.42	27.96 -0.74 -0.28	27.21 -0.81 0.00	25.27 -0.49 0.00
RUSSELL____2 23532	22.20 -0.90 0.00	21.34 -0.87 0.00	20.55 -0.83 0.00	20.45 -0.90 0.00	20.87 -0.78 0.00	21.50 -0.78 0.00	22.89 -0.59 0.00	22.99 -0.88 0.00	23.21 -0.82 0.00	22.79 -0.70 0.00	23.93 -0.71 0.00	23.17 -0.64 0.00	22.30 -0.88 0.00	22.11 -0.99 0.00	22.09 -1.09 0.00	22.08 -1.02 0.00	24.22 -1.14 0.00	31.35 -0.87 0.00	35.42 -0.91 0.00	34.58 -0.92 0.00	30.95 -0.78 -0.42	27.96 -0.74 -0.28	27.21 -0.81 0.00	25.27 -0.49 0.00
RUSSELL____3 23549	22.20 -0.90 0.00	21.34 -0.87 0.00	20.55 -0.83 0.00	20.45 -0.90 0.00	20.87 -0.78 0.00	21.50 -0.78 0.00	22.89 -0.59 0.00	22.99 -0.88 0.00	23.21 -0.82 0.00	22.79 -0.70 0.00	23.93 -0.71 0.00	23.17 -0.64 0.00	22.30 -0.88 0.00	22.11 -0.99 0.00	22.09 -1.09 0.00	22.08 -1.02 0.00	24.22 -1.14 0.00	31.35 -0.87 0.00	35.42 -0.91 0.00	34.58 -0.92 0.00	30.95 -0.78 -0.42	27.96 -0.74 -0.28	27.21 -0.81 0.00	25.27 -0.49 0.00
RUSSELL____4 23556	22.20 -0.90 0.00	21.34 -0.87 0.00	20.55 -0.83 0.00	20.45 -0.90 0.00	20.87 -0.78 0.00	21.50 -0.78 0.00	22.89 -0.59 0.00	22.99 -0.88 0.00	23.21 -0.82 0.00	22.79 -0.70 0.00	23.93 -0.71 0.00	23.17 -0.64 0.00	22.30 -0.88 0.00	22.11 -0.99 0.00	22.09 -1.09 0.00	22.08 -1.02 0.00	24.22 -1.14 0.00	31.35 -0.87 0.00	35.42 -0.91 0.00	34.58 -0.92 0.00	30.95 -0.78 -0.42	27.96 -0.74 -0.28	27.21 -0.81 0.00	25.27 -0.49 0.00
RUSSELL____STATION 23914	22.20 -0.90 0.00	21.34 -0.87 0.00	20.55 -0.83 0.00	20.45 -0.90 0.00	20.87 -0.78 0.00	21.50 -0.78 0.00	22.89 -0.59 0.00	22.99 -0.88 0.00	23.21 -0.82 0.00	22.79 -0.70 0.00	23.93 -0.71 0.00	23.17 -0.64 0.00	22.30 -0.88 0.00	22.11 -0.99 0.00	22.09 -1.09 0.00	22.08 -1.02 0.00	24.22 -1.14 0.00	31.35 -0.87 0.00	35.42 -0.91 0.00	34.58 -0.92 0.00	30.95 -0.78 -0.42	27.96 -0.74 -0.28	27.21 -0.81 0.00	25.27 -0.49 0.00
S SALMON____HYD 24043	22.57 -0.53 0.00	21.70 -0.51 0.00	20.90 -0.49 0.00	20.86 -0.49 0.00	21.24 -0.41 0.00	21.90 -0.38 0.00	23.17 -0.31 0.00	23.56 -0.31 0.00	23.69 -0.34 0.00	23.21 -0.28 0.00	24.35 -0.29 0.00	23.48 -0.33 0.00	22.74 -0.44 0.00	22.60 -0.51 0.00	22.64 -0.53 0.00	22.65 -0.44 0.00	24.95 -0.41 0.00	32.02 -0.19 0.00	36.18 -0.14 0.00	35.26 -0.25 0.00	31.40 -0.19 -0.27	28.34 -0.26 -0.18	27.74 -0.28 0.00	25.55 -0.21 0.00
S.PERRY__115KV_TB1 80734	23.52 0.42 0.00	22.57 0.36 0.00	21.75 0.36 0.00	21.67 0.32 0.00	22.12 0.48 0.00	22.79 0.51 0.00	24.37 0.89 0.00	24.61 0.74 0.00	24.77 0.74 0.00	24.20 0.70 0.00	25.36 0.71 0.00	24.48 0.67 0.00	23.48 0.30 0.00	23.27 0.16 0.00	23.27 0.09 0.00	23.35 0.25 0.00	25.79 0.43 0.00	33.57 1.35 0.00	38.07 1.74 0.00	37.17 1.67 0.00	33.13 1.19 -0.63	29.89 1.05 -0.42	29.15 1.12 0.00	27.00 1.24 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	21.49 -1.62 0.00	20.72 -1.49 0.00	19.93 -1.45 0.00	19.81 -1.54 0.00	20.28 -1.36 0.00	20.94 -1.34 0.00	22.28 -1.20 0.00	22.10 -1.77 0.00	22.32 -1.71 0.00	21.99 -1.50 0.00	23.07 -1.58 0.00	22.44 -1.38 0.00	21.48 -1.69 0.00	21.30 -1.80 0.00	21.18 -1.99 0.00	21.15 -1.94 0.00	23.13 -2.23 0.00	30.09 -2.13 0.00	33.97 -2.36 0.00	33.05 -2.45 0.00	29.24 -2.57 -0.49	26.47 -2.27 -0.33	26.26 -1.77 0.00	24.63 -1.13 0.00
SAWYER____23_KV_LOAD 55526	21.49 -1.62 0.00	20.72 -1.49 0.00	19.93 -1.45 0.00	19.81 -1.54 0.00	20.28 -1.36 0.00	20.94 -1.34 0.00	22.28 -1.20 0.00	22.10 -1.77 0.00	22.32 -1.71 0.00	21.99 -1.50 0.00	23.07 -1.58 0.00	22.44 -1.38 0.00	21.48 -1.69 0.00	21.30 -1.80 0.00	21.18 -1.99 0.00	21.15 -1.94 0.00	23.13 -2.23 0.00	30.09 -2.13 0.00	33.97 -2.36 0.00	33.05 -2.45 0.00	29.24 -2.57 -0.49	26.47 -2.27 -0.33	26.26 -1.77 0.00	24.63 -1.13 0.00
SELKIRK____I 23801	23.80 0.69 0.00	22.77 0.56 0.00	21.90 0.51 0.00	21.86 0.51 0.00	22.15 0.50 0.00	22.79 0.51 0.00	24.16 0.68 0.00	24.68 0.81 0.00	24.81 0.79 0.00	24.22 0.73 0.00	25.48 0.84 0.00	24.60 0.78 0.00	23.85 0.67 0.00	23.73 0.62 0.00	23.90 0.72 0.00	23.92 0.83 0.00	26.38 1.02 0.00	33.63 1.42 0.00	37.93 1.60 0.00	37.10 1.60 0.00	36.39 1.38 -3.70	32.13 1.25 -2.46	29.32 1.29 0.00	26.89 1.13 0.00
SELKIRK____II 23799	23.68 0.58 0.00	22.63 0.42 0.00	21.79 0.41 0.00	21.73 0.38 0.00	22.02 0.37 0.00	22.65 0.38 0.00	24.04 0.56 0.00	24.58 0.72 0.00	24.72 0.70 0.00	24.15 0.66 0.00	25.43 0.79 0.00	24.53 0.71 0.00	23.78 0.60 0.00	23.66 0.55 0.00	23.85 0.67 0.00	23.88 0.79 0.00	26.30 0.94 0.00	33.50 1.29 0.00	37.78 1.45 0.00	36.92 1.42 0.00	36.28 1.22 -3.74	32.05 1.14 -2.49	29.17 1.15 0.00	26.76 1.00 0.00



SENECA OSWGO___HYD 24041	22.39 -0.72 0.00	21.52 -0.69 0.00	20.72 -0.66 0.00	20.66 -0.68 0.00	21.00 -0.65 0.00	21.63 -0.65 0.00	22.89 -0.59 0.00	23.27 -0.60 0.00	23.45 -0.58 0.00	22.96 -0.54 0.00	24.08 -0.57 0.00	23.24 -0.57 0.00	22.50 -0.67 0.00	22.36 -0.74 0.00	22.43 -0.74 0.00	22.42 -0.67 0.00	24.68 -0.68 0.00	31.57 -0.64 0.00	35.64 -0.69 0.00	34.79 -0.71 0.00	30.96 -0.66 -0.30	27.99 -0.63 -0.20	27.44 -0.59 0.00	25.25 -0.51 0.00
SENECA___115KV_TB3 355854	21.76 -1.34 0.00	20.99 -1.22 0.00	20.19 -1.20 0.00	20.07 -1.28 0.00	20.54 -1.10 0.00	21.21 -1.07 0.00	22.59 -0.89 0.00	22.39 -1.48 0.00	22.63 -1.39 0.00	22.32 -1.17 0.00	23.41 -1.23 0.00	22.74 -1.07 0.00	21.76 -1.41 0.00	21.60 -1.50 0.00	21.46 -1.72 0.00	21.43 -1.66 0.00	23.43 -1.93 0.00	30.54 -1.68 0.00	34.48 -1.85 0.00	33.55 -1.95 0.00	29.38 -2.44 -0.51	26.63 -2.13 -0.34	26.65 -1.37 0.00	24.99 -0.77 0.00
SENECA___ENERGY 23797	22.76 -0.35 0.00	21.85 -0.36 0.00	21.04 -0.34 0.00	20.99 -0.36 0.00	21.37 -0.28 0.00	22.03 -0.24 0.00	23.41 -0.07 0.00	23.75 -0.12 0.00	23.90 -0.12 0.00	23.40 -0.09 0.00	24.55 -0.10 0.00	23.70 -0.12 0.00	22.87 -0.30 0.00	22.69 -0.42 0.00	22.71 -0.46 0.00	22.75 -0.35 0.00	25.06 -0.30 0.00	32.18 -0.03 0.00	36.40 0.07 0.00	35.50 0.00 0.00	31.61 -0.16 -0.46	28.64 -0.08 -0.30	27.97 -0.06 0.00	25.81 0.05 0.00
SHOEMAKER___GT 23640	24.08 0.97 0.00	22.94 0.73 0.00	22.09 0.70 0.00	22.05 0.70 0.00	22.34 0.69 0.00	22.94 0.67 0.00	24.44 0.96 0.00	25.06 1.19 0.00	25.22 1.20 0.00	24.69 1.20 0.00	25.95 1.31 0.00	25.01 1.19 0.00	24.19 1.02 0.00	24.05 0.95 0.00	24.24 1.07 0.00	24.27 1.18 0.00	26.78 1.42 0.00	34.18 1.97 0.00	38.47 2.14 0.00	37.63 2.13 0.00	35.96 1.85 -2.80	31.99 1.70 -1.87	29.76 1.74 0.00	27.28 1.52 0.00
SHOEMAKR_138KV_BK 111 55601	24.05 0.95 0.00	22.94 0.73 0.00	22.07 0.68 0.00	22.05 0.70 0.00	22.34 0.69 0.00	22.94 0.67 0.00	24.44 0.96 0.00	25.09 1.22 0.00	25.22 1.20 0.00	24.69 1.20 0.00	25.97 1.33 0.00	25.03 1.21 0.00	24.20 1.02 0.00	24.08 0.97 0.00	24.27 1.09 0.00	24.30 1.20 0.00	26.78 1.42 0.00	34.18 1.97 0.00	38.47 2.14 0.00	37.63 2.13 0.00	35.94 1.85 -2.78	31.95 1.68 -1.85	29.76 1.74 0.00	27.28 1.52 0.00
SHOREHAM_IC_1 23715	27.79 2.06 -2.63	24.11 1.80 -0.10	23.12 1.73 0.00	23.08 1.73 0.00	23.38 1.73 0.00	23.95 1.67 0.00	26.04 2.11 -0.45	29.90 2.34 -3.69	31.48 2.31 -5.15	30.50 2.44 -4.56	27.49 2.69 -0.15	26.35 2.43 -0.11	26.01 2.29 -0.54	25.47 2.22 -0.15	28.10 2.32 -2.60	31.72 2.40 -6.23	32.97 2.74 -4.87	38.71 3.45 -3.05	44.35 3.78 -4.24	40.07 3.73 -0.84	37.62 3.26 -3.05	33.91 2.96 -2.54	32.77 2.91 -1.83	32.23 2.63 -3.84
SHOREHAM_IC_2 23716	27.79 2.06 -2.63	24.11 1.80 -0.10	23.12 1.73 0.00	23.08 1.73 0.00	23.38 1.73 0.00	23.95 1.67 0.00	26.04 2.11 -0.45	29.90 2.34 -3.69	31.48 2.31 -5.15	30.50 2.44 -4.56	27.49 2.69 -0.15	26.35 2.43 -0.11	26.01 2.29 -0.54	25.47 2.22 -0.15	28.10 2.32 -2.60	31.72 2.40 -6.23	32.97 2.74 -4.87	38.71 3.45 -3.05	44.35 3.78 -4.24	40.07 3.73 -0.84	37.62 3.26 -3.05	33.91 2.96 -2.54	32.77 2.91 -1.83	32.23 2.63 -3.84
SISSONVILLE___ 23735	22.74 -0.37 0.00	21.97 -0.24 0.00	21.19 -0.19 0.00	21.20 -0.15 0.00	21.37 -0.28 0.00	21.92 -0.36 0.00	22.87 -0.61 0.00	23.13 -0.74 0.00	23.28 -0.74 0.00	22.70 -0.80 0.00	23.76 -0.89 0.00	22.98 -0.83 0.00	22.53 -0.65 0.00	22.55 -0.55 0.00	22.50 -0.67 0.00	22.29 -0.81 0.00	24.45 -0.91 0.00	30.93 -1.29 0.00	34.95 -1.38 0.00	34.12 -1.38 0.00	30.21 -1.16 -0.05	27.31 -1.14 -0.03	26.90 -1.12 0.00	24.78 -0.98 0.00
SITHE_IND_GS1 24169	22.11 -0.99 0.00	21.28 -0.93 0.00	20.49 -0.90 0.00	20.43 -0.92 0.00	20.76 -0.89 0.00	21.36 -0.91 0.00	22.59 -0.89 0.00	22.96 -0.91 0.00	23.11 -0.91 0.00	22.63 -0.87 0.00	23.71 -0.94 0.00	22.91 -0.91 0.00	22.22 -0.95 0.00	22.11 -0.99 0.00	22.16 -1.02 0.00	22.13 -0.97 0.00	24.32 -1.04 0.00	31.09 -1.13 0.00	35.06 -1.27 0.00	34.23 -1.28 0.00	30.44 -1.13 -0.25	27.53 -1.05 -0.17	27.02 -1.01 0.00	24.88 -0.88 0.00
SITHE_IND_GS2 24170	22.11 -0.99 0.00	21.28 -0.93 0.00	20.49 -0.90 0.00	20.43 -0.92 0.00	20.76 -0.89 0.00	21.36 -0.91 0.00	22.59 -0.89 0.00	22.96 -0.91 0.00	23.11 -0.91 0.00	22.63 -0.87 0.00	23.71 -0.94 0.00	22.91 -0.91 0.00	22.22 -0.95 0.00	22.11 -0.99 0.00	22.16 -1.02 0.00	22.13 -0.97 0.00	24.32 -1.04 0.00	31.09 -1.13 0.00	35.06 -1.27 0.00	34.23 -1.28 0.00	30.44 -1.13 -0.25	27.53 -1.05 -0.17	27.02 -1.01 0.00	24.88 -0.88 0.00
SITHE_IND_GS3 24171	22.11 -0.99 0.00	21.28 -0.93 0.00	20.49 -0.90 0.00	20.43 -0.92 0.00	20.76 -0.89 0.00	21.36 -0.91 0.00	22.59 -0.89 0.00	22.96 -0.91 0.00	23.11 -0.91 0.00	22.63 -0.87 0.00	23.71 -0.94 0.00	22.91 -0.91 0.00	22.22 -0.95 0.00	22.11 -0.99 0.00	22.16 -1.02 0.00	22.13 -0.97 0.00	24.32 -1.04 0.00	31.09 -1.13 0.00	35.06 -1.27 0.00	34.23 -1.28 0.00	30.44 -1.13 -0.25	27.53 -1.05 -0.17	27.02 -1.01 0.00	24.88 -0.88 0.00
SITHE_IND_GS4 24172	22.11 -0.99 0.00	21.28 -0.93 0.00	20.49 -0.90 0.00	20.43 -0.92 0.00	20.76 -0.89 0.00	21.36 -0.91 0.00	22.59 -0.89 0.00	22.96 -0.91 0.00	23.11 -0.91 0.00	22.63 -0.87 0.00	23.71 -0.94 0.00	22.91 -0.91 0.00	22.22 -0.95 0.00	22.11 -0.99 0.00	22.16 -1.02 0.00	22.13 -0.97 0.00	24.32 -1.04 0.00	31.09 -1.13 0.00	35.06 -1.27 0.00	34.23 -1.28 0.00	30.44 -1.13 -0.25	27.53 -1.05 -0.17	27.02 -1.01 0.00	24.88 -0.88 0.00
SITHE___BATAVIA 24024	22.02 -1.09 0.00	21.19 -1.02 0.00	20.40 -0.98 0.00	20.30 -1.05 0.00	20.74 -0.91 0.00	21.38 -0.89 0.00	22.85 -0.63 0.00	22.75 -1.12 0.00	22.94 -1.08 0.00	22.58 -0.92 0.00	23.71 -0.94 0.00	22.98 -0.83 0.00	22.02 -1.16 0.00	21.83 -1.27 0.00	21.72 -1.46 0.00	21.73 -1.36 0.00	23.81 -1.55 0.00	31.06 -1.16 0.00	35.09 -1.24 0.00	34.23 -1.28 0.00	30.43 -1.35 -0.46	27.44 -1.28 -0.31	26.99 -1.04 0.00	25.22 -0.54 0.00
SITHE___INDEPEND 23800	22.11 -0.99 0.00	21.28 -0.93 0.00	20.49 -0.90 0.00	20.43 -0.92 0.00	20.76 -0.89 0.00	21.36 -0.91 0.00	22.59 -0.89 0.00	22.96 -0.91 0.00	23.11 -0.91 0.00	22.63 -0.87 0.00	23.71 -0.94 0.00	22.91 -0.91 0.00	22.23 -0.95 0.00	22.11 -0.99 0.00	22.18 -1.00 0.00	22.12 -0.97 0.00	24.32 -1.04 0.00	31.06 -1.16 0.00	35.06 -1.27 0.00	34.22 -1.28 0.00	30.43 -1.13 -0.25	27.56 -1.02 -0.17	27.02 -1.01 0.00	24.88 -0.88 0.00
SITHE___MASSENA 23902	23.06 -0.05 0.00	22.28 0.07 0.00	21.49 0.11 0.00	21.48 0.13 0.00	21.71 0.07 0.00	22.34 0.07 0.00	23.29 -0.19 0.00	23.53 -0.33 0.00	23.69 -0.34 0.00	23.12 -0.38 0.00	24.20 -0.44 0.00	23.43 -0.38 0.00	22.99 -0.19 0.00	23.01 -0.09 0.00	22.99 -0.19 0.00	22.75 -0.35 0.00	24.90 -0.46 0.00	31.41 -0.80 0.00	35.46 -0.87 0.00	34.65 -0.85 0.00	30.62 -0.69 0.00	27.76 -0.65 0.00	27.30 -0.73 0.00	25.09 -0.67 0.00



SITHE___OGDNSBRG 24021	23.24 0.14 0.00	22.48 0.27 0.00	21.69 0.30 0.00	21.67 0.32 0.00	21.91 0.26 0.00	22.52 0.25 0.00	23.48 0.00 0.00	23.73 -0.14 0.00	23.85 -0.17 0.00	23.26 -0.23 0.00	24.32 -0.32 0.00	23.53 -0.29 0.00	23.08 -0.09 0.00	23.13 0.02 0.00	23.04 -0.14 0.00	22.86 -0.23 0.00	25.08 -0.28 0.00	31.76 -0.45 0.00	35.89 -0.44 0.00	35.04 -0.46 0.00	30.97 -0.34 0.00	28.02 -0.40 0.00	27.52 -0.50 0.00	25.32 -0.44 0.00
SITHE___STERLING 23777	23.70 0.60 0.00	22.77 0.56 0.00	21.92 0.53 0.00	21.88 0.53 0.00	22.28 0.63 0.00	22.97 0.69 0.00	24.35 0.87 0.00	24.80 0.93 0.00	24.96 0.94 0.00	24.34 0.84 0.00	25.53 0.89 0.00	24.60 0.78 0.00	23.82 0.65 0.00	23.68 0.58 0.00	23.78 0.60 0.00	23.76 0.67 0.00	26.22 0.86 0.00	33.63 1.42 0.00	37.97 1.64 0.00	37.03 1.53 0.00	32.84 1.31 -0.21	29.72 1.17 -0.14	29.12 1.09 0.00	26.82 1.06 0.00
SLEIGHT__34_KV_TB1 80719	22.27 -0.83 0.00	21.41 -0.80 0.00	20.62 -0.77 0.00	20.54 -0.81 0.00	20.93 -0.71 0.00	21.58 -0.69 0.00	22.94 -0.54 0.00	23.18 -0.69 0.00	23.37 -0.65 0.00	22.91 -0.59 0.00	24.05 -0.59 0.00	23.27 -0.55 0.00	22.43 -0.74 0.00	22.25 -0.85 0.00	22.25 -0.93 0.00	22.24 -0.85 0.00	24.45 -0.91 0.00	31.51 -0.71 0.00	35.64 -0.69 0.00	34.76 -0.75 0.00	31.10 -0.63 -0.42	28.10 -0.60 -0.28	27.35 -0.67 0.00	25.30 -0.46 0.00
SOUTH CAIRO___GT 23612	24.47 1.36 0.00	23.30 1.09 0.00	22.43 1.05 0.00	22.39 1.05 0.00	22.62 0.98 0.00	23.25 0.98 0.00	24.75 1.27 0.00	25.23 1.36 0.00	25.32 1.30 0.00	24.58 1.08 0.00	25.75 1.11 0.00	24.77 0.95 0.00	23.99 0.81 0.00	23.82 0.72 0.00	24.06 0.88 0.00	24.25 1.15 0.00	26.96 1.60 0.00	34.63 2.42 0.00	39.20 2.87 0.00	38.34 2.84 0.00	37.13 2.26 -3.56	32.84 2.05 -2.37	30.13 2.10 0.00	27.62 1.86 0.00
SOUTH HAMPTN___IC 23720	28.02 2.29 -2.63	24.33 2.02 -0.10	23.31 1.93 0.00	23.27 1.92 0.00	23.60 1.95 0.00	24.17 1.89 0.00	26.29 2.37 -0.45	30.19 2.63 -3.69	31.79 2.62 -5.15	30.75 2.70 -4.56	27.75 2.96 -0.15	26.59 2.67 -0.10	26.24 2.53 -0.54	25.70 2.45 -0.15	28.35 2.57 -2.60	31.98 2.65 -6.23	33.30 3.07 -4.87	39.22 3.96 -3.05	44.96 4.39 -4.24	40.64 4.29 -0.84	38.12 3.76 -3.05	34.36 3.41 -2.54	33.21 3.36 -1.83	32.64 3.04 -3.84
SOUTHDOW_115KV_TB1 355954	22.41 -0.69 0.00	21.61 -0.60 0.00	20.79 -0.60 0.00	20.69 -0.66 0.00	21.19 -0.45 0.00	21.87 -0.40 0.00	23.34 -0.14 0.00	23.25 -0.62 0.00	23.47 -0.55 0.00	23.21 -0.28 0.00	24.45 -0.20 0.00	23.75 -0.07 0.00	22.71 -0.46 0.00	22.55 -0.55 0.00	22.37 -0.81 0.00	22.38 -0.72 0.00	24.50 -0.86 0.00	32.05 -0.16 0.00	36.26 -0.07 0.00	35.25 -0.25 0.00	30.49 -1.38 -0.56	27.59 -1.19 -0.37	27.89 -0.14 0.00	26.12 0.36 0.00
SOUTHOLD_69_KV_BK 2 55809	28.35 2.61 -2.63	24.64 2.33 -0.10	23.61 2.22 0.00	23.57 2.22 0.00	23.90 2.25 0.00	24.48 2.21 0.00	26.65 2.72 -0.45	30.62 3.06 -3.69	32.22 3.05 -5.15	31.13 3.08 -4.56	28.10 3.30 -0.15	26.92 3.00 -0.10	26.57 2.85 -0.54	26.00 2.75 -0.15	28.68 2.90 -2.60	32.32 3.00 -6.23	33.73 3.50 -4.87	39.90 4.64 -3.05	45.73 5.16 -4.24	41.42 5.08 -0.84	38.75 4.38 -3.05	34.85 3.89 -2.54	33.72 3.87 -1.83	33.11 3.50 -3.84
SOUTHOLD___IC 23719	28.35 2.61 -2.63	24.64 2.33 -0.10	23.61 2.22 0.00	23.57 2.22 0.00	23.90 2.25 0.00	24.48 2.21 0.00	26.65 2.72 -0.45	30.59 3.03 -3.69	32.20 3.03 -5.15	31.13 3.08 -4.56	28.10 3.30 -0.15	26.92 3.00 -0.10	26.57 2.85 -0.54	26.00 2.75 -0.15	28.65 2.87 -2.60	32.35 3.02 -6.23	33.73 3.50 -4.87	39.90 4.64 -3.05	45.73 5.16 -4.24	41.42 5.08 -0.84	38.75 4.38 -3.05	34.90 3.95 -2.54	33.69 3.84 -1.83	33.11 3.50 -3.84
SOUTH_FORK_WT_PWR 323839	28.35 2.61 -2.63	24.64 2.33 -0.10	23.61 2.22 0.00	23.57 2.22 0.00	23.90 2.25 0.00	24.48 2.21 0.00	26.65 2.72 -0.45	30.59 3.03 -3.69	32.20 3.03 -5.15	31.13 3.08 -4.56	28.10 3.30 -0.15	26.92 3.00 -0.10	26.57 2.85 -0.54	25.98 2.73 -0.15	28.65 2.87 -2.60	32.32 3.00 -6.23	33.73 3.50 -4.87	39.90 4.64 -3.05	45.73 5.16 -4.24	41.42 5.08 -0.84	38.75 4.38 -3.05	34.90 3.95 -2.54	33.72 3.87 -1.83	33.11 3.50 -3.84
SPIERFLS_115KV_TB 1 80737	24.26 1.16 0.00	23.17 0.96 0.00	22.28 0.90 0.00	22.25 0.90 0.00	22.54 0.89 0.00	23.23 0.96 0.00	24.72 1.24 0.00	25.28 1.41 0.00	25.44 1.42 0.00	24.74 1.25 0.00	26.00 1.36 0.00	25.06 1.24 0.00	24.20 1.02 0.00	24.01 0.90 0.00	24.20 1.02 0.00	24.30 1.20 0.00	27.03 1.67 0.00	34.66 2.45 0.00	39.16 2.83 0.00	38.34 2.84 0.00	37.64 2.44 -3.89	33.14 2.13 -2.59	30.13 2.10 0.00	27.61 1.85 0.00
ST LAWRENCE____ 23600	22.87 -0.23 0.00	22.10 -0.11 0.00	21.30 -0.09 0.00	21.28 -0.06 0.00	21.52 -0.13 0.00	22.16 -0.11 0.00	23.10 -0.38 0.00	23.34 -0.53 0.00	23.49 -0.53 0.00	22.96 -0.54 0.00	24.03 -0.62 0.00	23.24 -0.57 0.00	22.83 -0.35 0.00	22.85 -0.25 0.00	22.83 -0.35 0.00	22.59 -0.51 0.00	24.70 -0.66 0.00	31.12 -1.10 0.00	35.09 -1.24 0.00	34.33 -1.17 0.00	30.34 -0.97 0.00	27.51 -0.91 0.00	27.07 -0.95 0.00	24.86 -0.90 0.00
STATE_CA_115KV_115_LB 55624	23.71 0.60 0.00	22.63 0.42 0.00	21.77 0.38 0.00	21.75 0.41 0.00	22.02 0.37 0.00	22.63 0.36 0.00	24.04 0.56 0.00	24.61 0.74 0.00	24.74 0.72 0.00	24.15 0.66 0.00	25.46 0.81 0.00	24.56 0.74 0.00	23.83 0.65 0.00	23.71 0.60 0.00	23.92 0.74 0.00	23.93 0.83 0.00	26.37 1.01 0.00	33.63 1.42 0.00	37.89 1.56 0.00	37.06 1.56 0.00	36.46 1.35 -3.80	32.14 1.19 -2.53	29.23 1.21 0.00	26.82 1.06 0.00
STATE_ST_34_KV_LOAD 55959	22.94 -0.16 0.00	22.03 -0.18 0.00	21.22 -0.17 0.00	21.16 -0.19 0.00	21.54 -0.11 0.00	22.19 -0.09 0.00	23.53 0.05 0.00	23.92 0.05 0.00	24.10 0.07 0.00	23.59 0.09 0.00	24.74 0.10 0.00	23.89 0.07 0.00	23.08 -0.09 0.00	22.90 -0.21 0.00	22.94 -0.23 0.00	22.96 -0.14 0.00	25.28 -0.08 0.00	32.47 0.26 0.00	36.69 0.36 0.00	35.82 0.32 0.00	31.95 0.19 -0.45	28.89 0.17 -0.30	28.19 0.17 0.00	25.97 0.21 0.00
STATION 5_MISC_HYD 23604	22.09 -1.02 0.00	21.26 -0.95 0.00	20.47 -0.92 0.00	20.39 -0.96 0.00	20.78 -0.87 0.00	21.41 -0.87 0.00	22.82 -0.66 0.00	22.89 -0.98 0.00	23.09 -0.94 0.00	22.67 -0.82 0.00	23.81 -0.84 0.00	23.05 -0.76 0.00	22.18 -1.00 0.00	22.02 -1.09 0.00	21.97 -1.21 0.00	21.96 -1.13 0.00	24.09 -1.27 0.00	31.15 -1.06 0.00	35.20 -1.13 0.00	34.36 -1.14 0.00	30.79 -0.94 -0.42	27.68 -1.02 -0.28	27.10 -0.92 0.00	25.14 -0.62 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	22.62 -0.49 0.00	21.72 -0.49 0.00	20.94 -0.45 0.00	20.86 -0.49 0.00	21.24 -0.41 0.00	21.90 -0.38 0.00	23.29 -0.19 0.00	23.53 -0.33 0.00	23.71 -0.31 0.00	23.26 -0.23 0.00	24.40 -0.25 0.00	23.60 -0.21 0.00	22.74 -0.44 0.00	22.55 -0.55 0.00	22.55 -0.63 0.00	22.54 -0.55 0.00	24.78 -0.58 0.00	31.99 -0.23 0.00	36.18 -0.15 0.00	35.32 -0.18 0.00	31.52 -0.22 -0.43	28.50 -0.20 -0.28	27.77 -0.25 0.00	25.71 -0.05 0.00



STA_56_34_KV_BUS2_REV_LBMP_B 345033	22.02 -1.09 0.00	21.19 -1.02 0.00	20.40 -0.98 0.00	20.30 -1.05 0.00	20.70 -0.95 0.00	21.34 -0.94 0.00	22.70 -0.77 0.00	22.84 -1.03 0.00	23.04 -0.98 0.00	22.60 -0.89 0.00	23.73 -0.91 0.00	22.98 -0.83 0.00	22.13 -1.04 0.00	21.95 -1.16 0.00	21.95 -1.23 0.00	21.92 -1.18 0.00	24.04 -1.32 0.00	31.09 -1.13 0.00	35.13 -1.20 0.00	34.30 -1.21 0.00	30.70 -1.03 -0.42	27.76 -0.94 -0.28	26.99 -1.04 0.00	25.04 -0.72 0.00
STA_56____34_KV_BUS2 355983	22.02 -1.09 0.00	21.19 -1.02 0.00	20.40 -0.98 0.00	20.30 -1.05 0.00	20.70 -0.95 0.00	21.34 -0.94 0.00	22.70 -0.77 0.00	22.84 -1.03 0.00	23.04 -0.98 0.00	22.60 -0.89 0.00	23.73 -0.91 0.00	22.98 -0.83 0.00	22.13 -1.04 0.00	21.95 -1.16 0.00	21.95 -1.23 0.00	21.92 -1.18 0.00	24.04 -1.32 0.00	31.09 -1.13 0.00	35.13 -1.20 0.00	34.30 -1.21 0.00	30.70 -1.03 -0.42	27.76 -0.94 -0.28	26.99 -1.04 0.00	25.04 -0.72 0.00
STA_67____115KV_BK2 355882	22.07 -1.04 0.00	21.21 -1.00 0.00	20.45 -0.94 0.00	20.35 -1.00 0.00	20.74 -0.91 0.00	21.38 -0.89 0.00	22.75 -0.73 0.00	22.84 -1.03 0.00	23.04 -0.98 0.00	22.63 -0.87 0.00	23.73 -0.91 0.00	23.01 -0.81 0.00	22.13 -1.04 0.00	21.97 -1.13 0.00	21.92 -1.25 0.00	21.92 -1.18 0.00	24.04 -1.32 0.00	31.09 -1.13 0.00	35.13 -1.20 0.00	34.26 -1.24 0.00	30.70 -1.03 -0.42	27.76 -0.94 -0.28	27.02 -1.01 0.00	25.09 -0.67 0.00
STA_7____115KV_9TRANS 80674	22.20 -0.90 0.00	21.34 -0.87 0.00	20.55 -0.83 0.00	20.45 -0.90 0.00	20.87 -0.78 0.00	21.50 -0.78 0.00	22.89 -0.59 0.00	22.99 -0.88 0.00	23.21 -0.82 0.00	22.79 -0.70 0.00	23.93 -0.71 0.00	23.17 -0.64 0.00	22.30 -0.88 0.00	22.11 -0.99 0.00	22.09 -1.09 0.00	22.08 -1.02 0.00	24.22 -1.14 0.00	31.35 -0.87 0.00	35.42 -0.91 0.00	34.58 -0.92 0.00	30.95 -0.78 -0.42	27.96 -0.74 -0.28	27.21 -0.81 0.00	25.27 -0.49 0.00
STA_82____115KV_TB1 80780	22.07 -1.04 0.00	21.23 -0.98 0.00	20.45 -0.94 0.00	20.35 -1.00 0.00	20.74 -0.91 0.00	21.38 -0.89 0.00	22.75 -0.73 0.00	22.84 -1.03 0.00	23.06 -0.96 0.00	22.65 -0.85 0.00	23.76 -0.89 0.00	23.03 -0.79 0.00	22.13 -1.04 0.00	21.97 -1.13 0.00	21.95 -1.23 0.00	21.92 -1.18 0.00	24.07 -1.29 0.00	31.09 -1.13 0.00	35.13 -1.20 0.00	34.30 -1.21 0.00	30.73 -1.00 -0.42	27.76 -0.94 -0.28	27.04 -0.98 0.00	25.09 -0.67 0.00
STEEL____WIND 323596	21.74 -1.36 0.00	20.97 -1.24 0.00	20.17 -1.22 0.00	20.07 -1.28 0.00	20.52 -1.13 0.00	21.21 -1.07 0.00	22.59 -0.89 0.00	22.41 -1.46 0.00	22.61 -1.42 0.00	22.30 -1.20 0.00	23.39 -1.26 0.00	22.72 -1.10 0.00	21.74 -1.44 0.00	21.58 -1.53 0.00	21.44 -1.74 0.00	21.43 -1.66 0.00	23.41 -1.95 0.00	30.51 -1.71 0.00	34.44 -1.89 0.00	33.51 -1.99 0.00	29.38 -2.44 -0.51	26.88 -1.88 -0.34	26.65 -1.37 0.00	24.96 -0.80 0.00
STEPHTWN_115KV_BK_2 55603	23.89 0.79 0.00	22.79 0.58 0.00	21.94 0.56 0.00	21.90 0.56 0.00	22.17 0.52 0.00	22.83 0.56 0.00	24.25 0.77 0.00	24.82 0.95 0.00	24.98 0.96 0.00	24.36 0.87 0.00	25.68 1.04 0.00	24.75 0.93 0.00	24.01 0.83 0.00	23.84 0.74 0.00	24.06 0.88 0.00	24.11 1.02 0.00	26.60 1.24 0.00	33.99 1.77 0.00	38.33 2.00 0.00	37.49 1.99 0.00	36.76 1.69 -3.76	32.43 1.51 -2.50	29.54 1.51 0.00	27.10 1.34 0.00
STEUBEN_REC_LFGE 323667	23.68 0.58 0.00	22.74 0.53 0.00	21.92 0.53 0.00	21.86 0.51 0.00	22.36 0.71 0.00	23.05 0.78 0.00	24.61 1.13 0.00	24.87 1.00 0.00	25.03 1.01 0.00	24.53 1.03 0.00	25.73 1.08 0.00	24.84 1.02 0.00	23.87 0.70 0.00	23.64 0.53 0.00	23.62 0.44 0.00	23.67 0.58 0.00	26.12 0.76 0.00	33.92 1.71 0.00	38.44 2.11 0.00	37.49 1.99 0.00	33.20 1.13 -0.76	30.06 1.14 -0.50	29.57 1.54 0.00	27.41 1.65 0.00
STILLWATER____SOLAR 323814	24.26 1.15 0.00	23.19 0.98 0.00	22.31 0.92 0.00	22.27 0.92 0.00	22.56 0.91 0.00	23.23 0.96 0.00	24.70 1.22 0.00	25.25 1.38 0.00	25.39 1.37 0.00	24.72 1.22 0.00	26.00 1.35 0.00	25.05 1.24 0.00	24.22 1.04 0.00	24.08 0.97 0.00	24.27 1.09 0.00	24.32 1.22 0.00	26.96 1.60 0.00	34.50 2.29 0.00	38.95 2.62 0.00	38.13 2.63 0.00	37.44 2.26 -3.87	33.01 2.02 -2.58	30.04 2.02 0.00	27.54 1.78 0.00
STONY____BROOK 24151	27.77 2.03 -2.63	24.07 1.75 -0.10	23.03 1.65 0.00	22.99 1.64 0.00	23.29 1.64 0.00	23.90 1.63 0.00	25.99 2.07 -0.45	29.97 2.41 -3.69	31.60 2.43 -5.15	30.52 2.47 -4.56	27.49 2.69 -0.16	26.38 2.45 -0.11	26.02 2.29 -0.55	25.46 2.37 -0.16	28.15 2.37 -2.60	31.79 2.47 -6.23	33.09 2.86 -4.87	39.03 3.77 -3.05	44.71 4.14 -4.24	40.39 4.05 -0.84	37.90 3.54 -3.05	34.17 3.21 -2.54	33.05 3.19 -1.83	32.49 2.88 -3.84
STURGEON_POOL_HYD 23609	24.38 1.27 0.00	23.21 1.00 0.00	22.33 0.94 0.00	22.29 0.94 0.00	22.56 0.91 0.00	23.14 0.87 0.00	24.70 1.22 0.00	25.40 1.53 0.00	25.54 1.51 0.00	25.00 1.50 0.00	26.27 1.63 0.00	25.29 1.48 0.00	24.43 1.25 0.00	24.31 1.20 0.00	24.52 1.34 0.00	24.57 1.48 0.00	27.16 1.80 0.00	34.66 2.45 0.00	39.02 2.69 0.00	38.17 2.66 0.00	36.67 2.22 -3.14	32.50 1.99 -2.09	30.21 2.19 0.00	27.69 1.93 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	24.17 1.06 0.00	23.03 0.82 0.00	22.16 0.77 0.00	22.12 0.77 0.00	22.43 0.78 0.00	23.03 0.76 0.00	24.53 1.06 0.00	25.23 1.36 0.00	25.39 1.37 0.00	24.86 1.36 0.00	26.15 1.50 0.00	25.20 1.38 0.00	24.36 1.18 0.00	24.24 1.13 0.00	24.43 1.25 0.00	24.46 1.36 0.00	26.98 1.62 0.00	34.41 2.19 0.00	38.73 2.40 0.00	37.85 2.34 0.00	36.24 2.07 -2.86	32.23 1.90 -1.91	29.96 1.93 0.00	27.46 1.70 0.00
SWANROAD_115KV_TB1 355699	20.98 -2.13 0.00	20.26 -1.95 0.00	19.48 -1.90 0.00	19.36 -1.99 0.00	19.81 -1.84 0.00	20.45 -1.83 0.00	21.74 -1.74 0.00	21.53 -2.34 0.00	21.74 -2.28 0.00	21.43 -2.07 0.00	22.48 -2.17 0.00	21.86 -1.95 0.00	20.93 -2.25 0.00	20.75 -2.36 0.00	20.63 -2.55 0.00	20.62 -2.47 0.00	22.52 -2.84 0.00	29.32 -2.90 0.00	33.06 -3.27 0.00	32.20 -3.30 0.00	28.63 -3.16 -0.48	25.93 -2.81 -0.32	25.59 -2.44 0.00	24.01 -1.75 0.00
SYNERGY____BIOGAS 323694	22.02 -1.09 0.00	21.19 -1.02 0.00	20.40 -0.98 0.00	20.30 -1.05 0.00	20.74 -0.91 0.00	21.38 -0.89 0.00	22.85 -0.63 0.00	22.75 -1.12 0.00	22.94 -1.08 0.00	22.58 -0.92 0.00	23.71 -0.94 0.00	22.98 -0.83 0.00	22.02 -1.16 0.00	21.83 -1.27 0.00	21.72 -1.46 0.00	21.73 -1.36 0.00	23.81 -1.55 0.00	31.06 -1.16 0.00	35.09 -1.24 0.00	34.23 -1.28 0.00	30.43 -1.35 -0.46	27.44 -1.28 -0.31	26.99 -1.04 0.00	25.22 -0.54 0.00
SYRACUSE____ENERGY_ST1 323597	22.76 -0.35 0.00	21.86 -0.36 0.00	21.04 -0.34 0.00	20.99 -0.36 0.00	21.35 -0.30 0.00	21.99 -0.29 0.00	23.27 -0.21 0.00	23.65 -0.21 0.00	23.83 -0.19 0.00	23.33 -0.16 0.00	24.47 -0.17 0.00	23.63 -0.19 0.00	22.87 -0.30 0.00	22.71 -0.39 0.00	22.78 -0.39 0.00	22.77 -0.32 0.00	25.06 -0.30 0.00	32.05 -0.16 0.00	36.22 -0.11 0.00	35.32 -0.18 0.00	31.50 -0.19 -0.37	28.49 -0.17 -0.25	27.89 -0.14 0.00	25.68 -0.08 0.00



SYRACUSE___ENERGY_ST2 323598	22.76 -0.35 0.00	21.86 -0.36 0.00	21.04 -0.34 0.00	20.99 -0.36 0.00	21.35 -0.30 0.00	21.99 -0.29 0.00	23.27 -0.21 0.00	23.65 -0.21 0.00	23.83 -0.19 0.00	23.33 -0.16 0.00	24.47 -0.17 0.00	23.63 -0.19 0.00	22.87 -0.30 0.00	22.71 -0.39 0.00	22.78 -0.39 0.00	22.77 -0.32 0.00	25.06 -0.30 0.00	32.05 -0.16 0.00	36.22 -0.11 0.00	35.32 -0.18 0.00	31.50 -0.19 -0.37	28.49 -0.17 -0.25	27.89 -0.14 0.00	25.68 -0.08 0.00
SYRACUSE___POWER 24017	22.74 -0.37 0.00	21.83 -0.38 0.00	21.02 -0.36 0.00	20.96 -0.38 0.00	21.32 -0.32 0.00	21.96 -0.31 0.00	23.27 -0.21 0.00	23.65 -0.21 0.00	23.83 -0.19 0.00	23.33 -0.16 0.00	24.47 -0.17 0.00	23.63 -0.19 0.00	22.85 -0.32 0.00	22.71 -0.39 0.00	22.78 -0.39 0.00	22.77 -0.32 0.00	25.03 -0.33 0.00	32.02 -0.19 0.00	36.18 -0.15 0.00	35.29 -0.21 0.00	31.45 -0.25 -0.39	28.45 -0.23 -0.26	27.86 -0.17 0.00	25.68 -0.08 0.00
TALLMAN__138KV_BK151 55660	24.26 1.16 0.00	23.12 0.91 0.00	22.24 0.86 0.00	22.20 0.85 0.00	22.51 0.87 0.00	23.10 0.82 0.00	24.65 1.17 0.00	25.40 1.53 0.00	25.56 1.54 0.00	25.05 1.55 0.00	26.37 1.73 0.00	25.39 1.57 0.00	24.54 1.37 0.00	24.42 1.32 0.00	24.64 1.46 0.00	24.64 1.55 0.00	27.19 1.83 0.00	34.63 2.42 0.00	38.94 2.62 0.00	38.09 2.59 0.00	36.53 2.29 -2.93	32.47 2.10 -1.95	30.18 2.16 0.00	27.64 1.88 0.00
TEALLAVE_115KV_TB7 355573	22.60 -0.51 0.00	21.70 -0.51 0.00	20.89 -0.49 0.00	20.84 -0.51 0.00	21.19 -0.45 0.00	21.83 -0.45 0.00	23.10 -0.38 0.00	23.49 -0.38 0.00	23.66 -0.36 0.00	23.17 -0.33 0.00	24.30 -0.35 0.00	23.46 -0.36 0.00	22.71 -0.46 0.00	22.57 -0.53 0.00	22.62 -0.56 0.00	22.61 -0.48 0.00	24.85 -0.51 0.00	31.76 -0.45 0.00	35.89 -0.44 0.00	35.01 -0.50 0.00	31.17 -0.47 -0.33	28.21 -0.43 -0.22	27.66 -0.36 0.00	25.50 -0.26 0.00
TELGRAPH_34_KV_EAST 80808	21.60 -1.50 0.00	20.83 -1.38 0.00	20.06 -1.33 0.00	19.94 -1.41 0.00	20.37 -1.28 0.00	21.03 -1.25 0.00	22.42 -1.06 0.00	22.27 -1.60 0.00	22.49 -1.54 0.00	22.13 -1.36 0.00	23.24 -1.40 0.00	22.55 -1.26 0.00	21.60 -1.58 0.00	21.42 -1.69 0.00	21.30 -1.88 0.00	21.29 -1.80 0.00	23.31 -2.05 0.00	30.35 -1.87 0.00	34.26 -2.07 0.00	33.41 -2.09 0.00	29.68 -2.10 -0.47	26.82 -1.90 -0.31	26.43 -1.60 0.00	24.76 -1.00 0.00
TEMPLE___115KV_TB 2 55572	22.60 -0.51 0.00	21.72 -0.49 0.00	20.92 -0.47 0.00	20.86 -0.49 0.00	21.22 -0.43 0.00	21.83 -0.45 0.00	23.13 -0.35 0.00	23.51 -0.36 0.00	23.66 -0.36 0.00	23.19 -0.31 0.00	24.32 -0.32 0.00	23.48 -0.33 0.00	22.74 -0.44 0.00	22.57 0.00 0.00	22.64 -0.53 0.00	22.63 -0.46 0.00	24.88 0.00 0.00	31.80 -0.42 0.00	35.89 -0.44 0.00	35.04 -0.46 0.00	31.18 -0.47 -0.33	28.21 -0.43 -0.22	27.66 -0.36 0.00	25.53 -0.23 0.00
TIANA____69_KV_BK 1 55817	27.95 2.22 -2.63	24.27 1.95 -0.10	23.25 1.86 0.00	23.21 1.86 0.00	23.53 1.88 0.00	24.10 1.83 0.00	26.22 2.30 -0.45	30.14 2.58 -3.69	31.74 2.57 -5.15	30.68 2.63 -4.56	27.68 2.88 -0.15	26.52 2.60 -0.10	26.17 2.46 -0.54	25.63 2.38 -0.15	28.28 2.50 -2.60	31.91 2.59 -6.23	33.22 2.99 -4.87	39.13 3.87 -3.05	44.82 4.25 -4.24	40.53 4.19 -0.84	38.00 3.63 -3.05	34.22 3.27 -2.54	33.13 3.28 -1.83	32.54 2.94 -3.84
TILDEN___115KV_TB1 80814	22.74 -0.37 0.00	21.83 -0.38 0.00	21.02 -0.36 0.00	20.96 -0.38 0.00	21.32 -0.32 0.00	21.96 -0.31 0.00	23.27 -0.21 0.00	23.65 -0.21 0.00	23.83 -0.19 0.00	23.33 -0.16 0.00	24.47 -0.17 0.00	23.63 -0.19 0.00	22.85 -0.32 0.00	22.71 -0.39 0.00	22.78 -0.39 0.00	22.77 -0.32 0.00	25.03 -0.33 0.00	32.02 -0.19 0.00	36.18 -0.15 0.00	35.29 -0.21 0.00	31.45 -0.25 -0.39	28.45 -0.23 -0.26	27.86 -0.17 0.00	25.68 -0.08 0.00
TRIGEN___CC 323695	27.45 1.71 -2.63	23.71 1.40 -0.10	22.69 1.30 0.00	22.65 1.30 0.00	22.97 1.32 0.00	23.57 1.29 0.00	25.61 1.69 -0.45	29.83 2.05 -3.91	31.29 2.09 -5.18	30.22 2.09 -4.64	27.46 2.32 -0.50	26.70 2.12 -0.76	26.42 1.92 -1.32	26.05 1.85 -1.09	27.93 2.02 -2.74	31.45 2.12 -6.23	32.69 2.46 -4.87	38.52 3.25 -3.05	44.09 3.52 -4.24	39.82 3.48 -0.84	37.40 3.04 -3.05	33.77 2.81 -2.54	32.71 2.86 -1.83	32.13 2.52 -3.84
TRINITY__115KV__ 4 BK 55933	23.64 0.53 0.00	22.57 0.36 0.00	21.73 0.34 0.00	21.69 0.34 0.00	21.95 0.30 0.00	22.59 0.31 0.00	23.99 0.52 0.00	24.54 0.67 0.00	24.70 0.67 0.00	24.08 0.59 0.00	25.41 0.76 0.00	24.51 0.69 0.00	23.78 0.60 0.00	23.64 0.53 0.00	23.87 0.70 0.00	23.88 0.79 0.00	26.30 0.94 0.00	33.54 1.32 0.00	37.78 1.45 0.00	36.92 1.42 0.00	36.30 1.22 -3.77	32.03 1.11 -2.51	29.15 1.12 0.00	26.74 0.98 0.00
UNION___PROCESSING_DRP 323587	22.07 -1.04 0.00	21.23 -0.98 0.00	20.45 -0.94 0.00	20.37 -0.98 0.00	20.76 -0.89 0.00	21.41 -0.87 0.00	22.77 -0.70 0.00	22.87 -1.00 0.00	23.06 -0.96 0.00	22.65 -0.85 0.00	23.78 -0.86 0.00	23.03 -0.79 0.00	22.16 -1.02 0.00	22.00 -1.11 0.00	21.95 -1.23 0.00	21.94 -1.15 0.00	24.07 -1.29 0.00	31.12 -1.10 0.00	35.17 -1.16 0.00	34.33 -1.17 0.00	30.73 -1.00 -0.42	27.79 -0.91 -0.28	27.04 -0.98 0.00	25.12 -0.64 0.00
UPPER HUDSON___HYD 24058	24.26 1.15 0.00	23.17 0.95 0.00	22.28 0.90 0.00	22.24 0.90 0.00	22.54 0.89 0.00	23.23 0.96 0.00	24.72 1.24 0.00	25.28 1.41 0.00	25.44 1.42 0.00	24.74 1.24 0.00	26.00 1.35 0.00	25.05 1.24 0.00	24.19 1.02 0.00	24.01 0.90 0.00	24.19 1.02 0.00	24.29 1.20 0.00	27.03 1.67 0.00	34.63 2.42 0.00	39.16 2.84 0.00	38.34 2.84 0.00	37.64 2.44 -3.89	33.16 2.16 -2.59	30.15 2.13 0.00	27.62 1.86 0.00
UPPER RAQUET___HYD 24056	22.73 -0.37 0.00	21.97 -0.24 0.00	21.19 -0.19 0.00	21.20 -0.15 0.00	21.37 -0.28 0.00	21.92 -0.36 0.00	22.87 -0.61 0.00	23.13 -0.74 0.00	23.28 -0.74 0.00	22.70 -0.80 0.00	23.76 -0.89 0.00	22.98 -0.83 0.00	22.53 -0.65 0.00	22.57 -0.53 0.00	22.50 -0.67 0.00	22.29 -0.81 0.00	24.45 -0.91 0.00	30.93 -1.29 0.00	34.95 -1.38 0.00	34.12 -1.39 0.00	30.21 -1.16 -0.05	27.31 -1.14 -0.03	26.90 -1.12 0.00	24.78 -0.98 0.00
VALLEY44_115KV_TB2 355964	22.18 -0.92 0.00	21.39 -0.82 0.00	20.57 -0.81 0.00	20.47 -0.88 0.00	21.00 -0.65 0.00	21.67 -0.60 0.00	23.10 -0.38 0.00	23.01 -0.86 0.00	23.21 -0.82 0.00	22.88 -0.61 0.00	24.03 -0.62 0.00	23.29 -0.52 0.00	22.27 -0.90 0.00	22.11 -0.99 0.00	21.95 -1.23 0.00	21.94 -1.15 0.00	23.97 -1.39 0.00	31.22 -1.00 0.00	35.20 -1.13 0.00	34.26 -1.24 0.00	29.13 -2.76 -0.57	26.44 -2.36 -0.38	27.24 -0.78 0.00	25.58 -0.18 0.00
VALLEY___115KV_TB 1-4 80826	23.54 0.44 0.00	22.59 0.38 0.00	21.73 0.34 0.00	21.69 0.34 0.00	22.02 0.37 0.00	22.65 0.38 0.00	23.95 0.47 0.00	24.37 0.50 0.00	24.58 0.55 0.00	24.04 0.54 0.00	25.24 0.59 0.00	24.39 0.57 0.00	23.66 0.49 0.00	23.52 0.42 0.00	23.62 0.44 0.00	23.58 0.48 0.00	25.92 0.56 0.00	33.05 0.84 0.00	37.27 0.94 0.00	36.46 0.96 0.00	32.19 0.88 0.00	29.33 0.91 0.00	28.98 0.95 0.00	26.69 0.93 0.00



VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	24.68 1.57 0.00	23.63 1.42 0.00	22.73 1.35 0.00	22.69 1.34 0.00	23.12 1.47 0.00	23.75 1.47 0.00	25.24 1.76 0.00	25.83 1.96 0.00	25.97 1.95 0.00	25.40 1.90 0.00	26.69 2.05 0.00	25.70 1.88 0.00	24.78 1.60 0.00	24.61 1.50 0.00	24.71 1.53 0.00	24.73 1.64 0.00	27.34 1.98 0.00	35.24 3.03 0.00	39.85 3.52 0.00	38.84 3.34 0.00	35.56 2.88 -1.36	31.94 2.61 -0.91	30.60 2.58 0.00	28.18 2.42 0.00
VISCHER___FERRY HYD 24020	24.05 0.95 0.00	22.99 0.78 0.00	22.11 0.73 0.00	22.07 0.73 0.00	22.36 0.71 0.00	23.01 0.73 0.00	24.46 0.99 0.00	25.01 1.15 0.00	25.15 1.13 0.00	24.53 1.03 0.00	25.83 1.18 0.00	24.91 1.10 0.00	24.08 0.90 0.00	23.96 0.86 0.00	24.17 1.00 0.00	24.23 1.13 0.00	26.75 1.39 0.00	34.12 1.90 0.00	38.47 2.14 0.00	37.67 2.17 0.00	36.97 1.85 -3.81	32.63 1.68 -2.54	29.71 1.68 0.00	27.25 1.49 0.00
V_A_10_SYNC_DSASP 323832	21.44 -1.66 0.00	20.68 -1.53 0.00	19.91 -1.48 0.00	19.81 -1.54 0.00	20.22 -1.43 0.00	20.85 -1.43 0.00	22.21 -1.27 0.00	22.13 -1.74 0.00	22.32 -1.71 0.00	21.97 -1.53 0.00	23.02 -1.63 0.00	22.36 -1.45 0.00	21.46 -1.71 0.00	21.28 -1.83 0.00	21.21 -1.97 0.00	21.20 -1.89 0.00	23.18 -2.18 0.00	30.06 -2.16 0.00	33.90 -2.43 0.00	33.05 -2.45 0.00	29.66 -2.10 -0.45	26.67 -2.05 -0.30	26.23 -1.79 0.00	24.47 -1.29 0.00
V_CMM_10_SYNC_DSASP 323787	22.97 -0.14 0.00	22.19 -0.02 0.00	21.39 0.00 0.00	21.37 0.02 0.00	21.61 -0.04 0.00	22.25 -0.02 0.00	23.20 -0.28 0.00	23.44 -0.43 0.00	23.59 -0.43 0.00	23.05 -0.45 0.00	24.13 -0.52 0.00	23.36 -0.45 0.00	22.92 -0.25 0.00	22.94 -0.16 0.00	22.92 -0.25 0.00	22.68 -0.42 0.00	24.80 -0.56 0.00	31.28 -0.94 0.00	35.27 -1.05 0.00	34.47 -1.03 0.00	30.50 -0.81 0.00	27.65 -0.77 0.00	27.19 -0.84 0.00	24.99 -0.77 0.00
V_CMP_10_SYNC_DSASP 323788	23.57 0.46 0.00	22.74 0.53 0.00	22.01 0.62 0.00	22.01 0.66 0.00	21.95 0.30 0.00	22.68 0.40 0.00	23.71 0.23 0.00	23.94 0.07 0.00	24.10 0.07 0.00	23.52 0.02 0.00	24.62 -0.02 0.00	23.72 -0.09 0.00	23.22 0.05 0.00	23.22 0.12 0.00	23.08 -0.09 0.00	22.84 -0.25 0.00	25.03 -0.33 0.00	31.76 -0.45 0.00	35.89 -0.43 0.00	35.15 -0.35 0.00	31.13 -0.19 0.00	28.25 -0.17 0.00	27.80 -0.23 0.00	25.55 -0.21 0.00
V_D_10_SYNC_DSASP 323841	23.08 -0.02 0.00	22.28 0.07 0.00	21.49 0.11 0.00	21.48 0.13 0.00	21.71 0.07 0.00	22.34 0.07 0.00	23.29 -0.19 0.00	23.53 -0.33 0.00	23.69 -0.34 0.00	23.14 -0.35 0.00	24.20 -0.44 0.00	23.43 -0.38 0.00	22.99 -0.19 0.00	23.04 -0.07 0.00	22.99 -0.19 0.00	22.77 -0.32 0.00	24.90 -0.46 0.00	31.44 -0.77 0.00	35.49 -0.83 0.00	34.69 -0.82 0.00	30.65 -0.66 0.00	27.76 -0.65 0.00	27.33 -0.70 0.00	25.12 -0.64 0.00
V_E_10_SYNC_DSASP 323830	25.30 2.20 0.00	24.23 2.02 0.00	23.33 1.95 0.00	23.27 1.92 0.00	23.81 2.16 0.00	24.48 2.21 0.00	26.08 2.61 0.00	26.61 2.74 0.00	26.69 2.67 0.00	26.03 2.54 0.00	27.25 2.61 0.00	26.18 2.36 0.00	25.10 1.92 0.00	24.81 1.71 0.00	24.82 1.65 0.00	24.99 1.89 0.00	27.85 2.49 0.00	36.43 4.22 0.00	41.45 5.12 0.00	40.33 4.83 0.00	36.48 4.17 -1.00	32.84 3.75 -0.67	31.61 3.59 0.00	29.21 3.45 0.00
V_F_30_NSYNC___DSASP 323816	24.28 1.18 0.00	23.21 1.00 0.00	22.33 0.94 0.00	22.29 0.94 0.00	22.58 0.93 0.00	23.25 0.98 0.00	24.72 1.24 0.00	25.28 1.41 0.00	25.42 1.39 0.00	24.74 1.24 0.00	26.02 1.38 0.00	25.08 1.26 0.00	24.24 1.07 0.00	24.10 0.99 0.00	24.29 1.11 0.00	24.36 1.27 0.00	26.98 1.62 0.00	34.54 2.32 0.00	38.98 2.65 0.00	38.17 2.66 0.00	37.47 2.28 -3.88	33.05 2.05 -2.58	30.07 2.04 0.00	27.56 1.80 0.00
V_F_30_SYNC_DSASP 323786	23.71 0.60 0.00	22.63 0.42 0.00	21.77 0.38 0.00	21.75 0.41 0.00	22.02 0.37 0.00	22.63 0.36 0.00	24.04 0.56 0.00	24.58 0.72 0.00	24.74 0.72 0.00	24.15 0.66 0.00	25.46 0.81 0.00	24.56 0.74 0.00	23.83 0.65 0.00	23.71 0.60 0.00	23.92 0.74 0.00	23.93 0.83 0.00	26.37 1.01 0.00	33.63 1.42 0.00	37.89 1.56 0.00	37.06 1.56 0.00	36.45 1.35 -3.79	32.14 1.19 -2.53	29.23 1.21 0.00	26.82 1.06 0.00
V_XM_10_SYNC_DSASP 323789	23.57 0.46 0.00	22.74 0.53 0.00	22.01 0.62 0.00	22.01 0.66 0.00	21.95 0.30 0.00	22.68 0.40 0.00	23.71 0.23 0.00	23.94 0.07 0.00	24.10 0.07 0.00	23.52 0.02 0.00	24.62 -0.02 0.00	23.72 -0.09 0.00	23.22 0.05 0.00	23.22 0.12 0.00	23.08 -0.09 0.00	22.84 -0.25 0.00	25.03 -0.33 0.00	31.76 -0.45 0.00	35.89 -0.43 0.00	35.15 -0.35 0.00	31.13 -0.19 0.00	28.25 -0.17 0.00	27.80 -0.23 0.00	25.55 -0.21 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	24.35 1.25 0.00	23.19 0.98 0.00	22.31 0.92 0.00	22.27 0.92 0.00	22.56 0.91 0.00	23.17 0.89 0.00	24.72 1.24 0.00	25.44 1.58 0.00	25.63 1.61 0.00	25.12 1.62 0.00	26.42 1.77 0.00	25.46 1.64 0.00	24.61 1.44 0.00	24.47 1.36 0.00	24.68 1.51 0.00	24.69 1.59 0.00	27.24 1.88 0.00	34.76 2.54 0.00	39.05 2.72 0.00	38.24 2.73 0.00	36.64 2.38 -2.95	32.57 2.19 -1.96	30.27 2.24 0.00	27.72 1.96 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	24.51 1.41 0.00	23.28 1.07 0.00	22.41 1.03 0.00	22.37 1.02 0.00	22.67 1.02 0.00	23.26 0.98 0.00	24.82 1.34 0.00	25.61 1.74 0.00	25.82 1.80 0.00	25.35 1.86 0.00	26.71 2.07 0.00	25.75 1.93 0.00	24.89 1.72 0.00	24.75 1.64 0.00	25.00 1.81 -0.02	24.99 1.89 0.00	27.61 2.23 -0.02	35.08 2.87 0.00	39.34 3.02 0.00	38.52 3.02 0.00	37.00 2.63 -3.05	32.95 2.50 -2.03	30.58 2.55 0.00	27.98 2.22 0.00
W50THST__13_KV_LOAD 356117	24.61 1.50 0.00	23.37 1.15 0.00	22.50 1.11 0.00	22.46 1.11 0.00	22.75 1.10 0.00	23.34 1.07 0.00	24.93 1.46 0.00	25.73 1.86 0.00	25.94 1.92 0.00	25.45 1.95 0.00	26.84 2.19 0.00	25.86 2.05 0.00	25.01 1.83 0.00	24.86 1.76 0.00	25.12 1.92 -0.02	25.10 2.01 0.00	27.73 2.36 -0.02	35.24 3.03 0.00	39.53 3.20 0.00	38.70 3.20 0.00	37.15 2.79 -3.05	33.09 2.64 -2.03	30.72 2.69 0.00	28.10 2.34 0.00
WADING RIVER_IC_1 23522	27.77 2.03 -2.63	24.09 1.78 -0.10	23.08 1.69 0.00	23.03 1.69 0.00	23.36 1.71 0.00	23.90 1.63 0.00	25.99 2.07 -0.45	29.88 2.31 -3.69	31.46 2.28 -5.15	30.45 2.40 -4.56	27.46 2.66 -0.15	26.30 2.38 -0.10	25.99 2.27 -0.54	25.45 2.20 -0.15	28.07 2.29 -2.60	31.70 2.38 -6.23	32.94 2.71 -4.87	38.68 3.41 -3.05	44.31 3.74 -4.24	40.03 3.69 -0.84	37.59 3.23 -3.05	33.88 2.93 -2.54	32.77 2.91 -1.83	32.21 2.60 -3.84
WADING RIVER_IC_2 23547	27.77 2.03 -2.63	24.09 1.78 -0.10	23.08 1.69 0.00	23.03 1.69 0.00	23.36 1.71 0.00	23.90 1.63 0.00	25.99 2.07 -0.45	29.88 2.31 -3.69	31.46 2.28 -5.15	30.45 2.40 -4.56	27.46 2.66 -0.15	26.30 2.38 -0.10	25.99 2.27 -0.54	25.45 2.20 -0.15	28.07 2.29 -2.60	31.70 2.38 -6.23	32.94 2.71 -4.87	38.68 3.41 -3.05	44.31 3.74 -4.24	40.03 3.69 -0.84	37.59 3.23 -3.05	33.88 2.93 -2.54	32.77 2.91 -1.83	32.21 2.60 -3.84



WADING RIVER_IC_3 23601	27.77 2.03 -2.63	24.09 1.78 -0.10	23.08 1.69 0.00	23.03 1.69 0.00	23.36 1.71 0.00	23.90 1.63 0.00	25.99 2.07 -0.45	29.88 2.31 -3.69	31.46 2.28 -5.15	30.45 2.40 -4.56	27.46 2.66 -0.15	26.30 2.38 -0.10	25.99 2.27 -0.54	25.45 2.20 -0.15	28.07 2.29 -2.60	31.70 2.38 -6.23	32.94 2.71 -4.87	38.68 3.41 -3.05	44.31 3.74 -4.24	40.03 3.69 -0.84	37.59 3.23 -3.05	33.88 2.93 -2.54	32.77 2.91 -1.83	32.21 2.60 -3.84
WALDENNY_I2_KV_BK2 80841	21.70 -1.41 0.00	20.92 -1.29 0.00	20.12 -1.26 0.00	20.02 -1.32 0.00	20.50 -1.15 0.00	21.16 -1.11 0.00	22.52 -0.96 0.00	22.34 -1.53 0.00	22.56 -1.47 0.00	22.25 -1.25 0.00	23.36 -1.28 0.00	22.70 -1.12 0.00	21.72 -1.46 0.00	21.53 -1.57 0.00	21.39 -1.78 0.00	21.39 -1.71 0.00	23.38 -1.98 0.00	30.44 -1.77 0.00	34.40 -1.93 0.00	33.48 -2.02 0.00	29.38 -2.44 -0.51	26.60 -2.16 -0.34	26.57 -1.46 0.00	24.91 -0.85 0.00
WALDEN___HYDRO 24148	24.38 1.27 0.00	23.21 1.00 0.00	22.33 0.94 0.00	22.29 0.94 0.00	22.58 0.93 0.00	23.19 0.91 0.00	24.72 1.24 0.00	25.40 1.53 0.00	25.54 1.51 0.00	25.00 1.50 0.00	26.27 1.63 0.00	25.29 1.48 0.00	24.45 1.27 0.00	24.31 1.20 0.00	24.52 1.34 0.00	24.57 1.48 0.00	27.19 1.83 0.00	34.73 2.51 0.00	39.13 2.80 0.00	38.24 2.73 0.00	36.69 2.41 -2.97	32.55 2.16 -1.98	30.24 2.21 0.00	27.69 1.93 0.00
WARRENSBURG____ 23737	24.26 1.15 0.00	23.17 0.95 0.00	22.28 0.90 0.00	22.24 0.90 0.00	22.54 0.89 0.00	23.23 0.96 0.00	24.72 1.24 0.00	25.28 1.41 0.00	25.44 1.42 0.00	24.74 1.24 0.00	26.00 1.35 0.00	25.05 1.24 0.00	24.19 1.02 0.00	24.01 0.90 0.00	24.19 1.02 0.00	24.29 1.20 0.00	27.03 1.67 0.00	34.63 2.42 0.00	39.16 2.84 0.00	38.34 2.84 0.00	37.64 2.44 -3.89	33.16 2.16 -2.59	30.15 2.13 0.00	27.62 1.86 0.00
WATERSIDE___6 8 9 23538	24.63 1.52 0.00	23.39 1.18 0.00	22.52 1.13 0.00	22.48 1.13 0.00	22.77 1.13 0.00	23.30 1.02 0.00	24.84 1.36 0.00	25.59 1.72 0.00	25.82 1.80 0.00	25.35 1.86 0.00	26.71 2.07 0.00	25.75 1.93 0.00	24.89 1.72 0.00	24.77 1.66 0.00	25.05 1.85 -0.02	25.03 1.94 0.00	27.63 2.26 -0.02	35.11 2.90 0.00	39.42 3.09 0.00	38.56 3.05 0.00	37.03 2.66 -3.05	32.98 2.53 -2.03	30.66 2.63 0.00	28.00 2.24 0.00
WATKINRD_115KV_LN8_IL 55919	23.54 0.44 0.00	22.59 0.38 0.00	21.73 0.34 0.00	21.69 0.34 0.00	22.02 0.37 0.00	22.65 0.38 0.00	23.95 0.47 0.00	24.37 0.50 0.00	24.55 0.53 0.00	24.01 0.52 0.00	25.21 0.57 0.00	24.36 0.55 0.00	23.64 0.46 0.00	23.52 0.42 0.00	23.62 0.44 0.00	23.58 0.48 0.00	25.94 0.58 0.00	33.05 0.84 0.00	37.27 0.94 0.00	36.46 0.96 0.00	32.16 0.85 0.00	29.24 0.82 0.00	28.87 0.84 0.00	26.53 0.77 0.00
WATSON___69_KV_BK 1 55734	27.95 2.22 -2.63	24.22 1.91 -0.10	23.18 1.80 0.00	23.12 1.77 0.00	23.45 1.80 0.00	24.06 1.78 0.00	26.18 2.25 -0.45	30.15 2.58 -3.70	31.79 2.62 -5.15	30.69 2.63 -4.56	27.65 2.83 -0.17	26.55 2.60 -0.14	26.20 2.43 -0.59	25.64 2.33 -0.20	28.29 2.50 -2.61	31.95 2.63 -6.23	33.27 3.04 -4.87	39.29 4.03 -3.05	45.00 4.43 -4.24	40.71 4.37 -0.84	38.15 3.79 -3.05	34.37 3.41 -2.54	33.30 3.45 -1.83	32.70 3.09 -3.84
WDELAWARE___HYD 323627	24.26 1.15 0.00	23.10 0.89 0.00	22.22 0.83 0.00	22.20 0.85 0.00	22.47 0.82 0.00	23.05 0.78 0.00	24.61 1.13 0.00	25.25 1.38 0.00	25.37 1.34 0.00	24.83 1.34 0.00	26.02 1.38 0.00	25.03 1.21 0.00	24.17 1.00 0.00	24.03 0.93 0.00	24.24 1.07 0.00	24.32 1.22 0.00	26.96 1.60 0.00	34.50 2.29 0.00	38.91 2.58 0.00	38.06 2.56 0.00	36.29 2.22 -2.76	32.24 1.99 -1.84	30.02 1.99 0.00	27.51 1.75 0.00
WEST BABYLON___IC 23714	27.86 2.13 -2.63	24.13 1.82 -0.10	23.08 1.69 0.00	23.03 1.69 0.00	23.36 1.71 0.00	23.97 1.69 0.00	26.06 2.14 -0.45	30.08 2.48 -3.73	31.70 2.52 -5.16	30.58 2.51 -4.57	27.60 2.74 -0.22	26.54 2.50 -0.22	26.20 2.34 -0.68	25.67 2.24 -0.32	28.21 2.41 -2.63	31.86 2.54 -6.23	33.17 2.94 -4.87	39.19 3.93 -3.05	44.86 4.29 -4.24	40.57 4.22 -0.84	38.03 3.66 -3.05	34.28 3.32 -2.54	33.22 3.36 -1.83	32.62 3.01 -3.84
WEST CANADA___HYD 24049	23.27 0.16 0.00	22.34 0.13 0.00	21.49 0.11 0.00	21.46 0.11 0.00	21.78 0.13 0.00	22.41 0.13 0.00	23.69 0.21 0.00	24.11 0.24 0.00	24.26 0.24 0.00	23.73 0.23 0.00	24.92 0.27 0.00	24.05 0.24 0.00	23.38 0.21 0.00	23.29 0.18 0.00	23.38 0.21 0.00	23.35 0.25 0.00	25.67 0.31 0.00	32.67 0.45 0.00	36.84 0.51 0.00	36.00 0.50 0.00	31.75 0.44 0.00	28.82 0.40 0.00	28.42 0.39 0.00	26.15 0.39 0.00
WESTERN_NY_WIND 24143	21.97 -1.13 0.00	21.17 -1.04 0.00	20.38 -1.01 0.00	20.26 -1.09 0.00	20.70 -0.95 0.00	21.36 -0.91 0.00	22.77 -0.70 0.00	22.68 -1.19 0.00	22.89 -1.13 0.00	22.56 -0.94 0.00	23.66 -0.99 0.00	22.94 -0.88 0.00	21.97 -1.21 0.00	21.79 -1.32 0.00	21.69 -1.48 0.00	21.69 -1.41 0.00	23.76 -1.60 0.00	30.96 -1.26 0.00	35.02 -1.31 0.00	34.15 -1.35 0.00	30.37 -1.41 -0.46	27.42 -1.31 -0.31	26.93 -1.09 0.00	25.17 -0.59 0.00
WESTOVER___LESR 323668	23.27 0.16 0.00	22.32 0.11 0.00	21.49 0.11 0.00	21.43 0.09 0.00	21.82 0.17 0.00	22.48 0.20 0.00	23.85 0.38 0.00	24.23 0.36 0.00	24.38 0.36 0.00	23.87 0.38 0.00	25.04 0.39 0.00	24.20 0.38 0.00	23.36 0.19 0.00	23.20 0.09 0.00	23.25 0.07 0.00	23.26 0.16 0.00	25.59 0.23 0.00	32.86 0.64 0.00	37.09 0.76 0.00	36.18 0.67 0.00	32.67 0.31 -1.04	29.45 0.34 -0.69	28.59 0.56 0.00	26.40 0.64 0.00
WETHRSFD_WT_PWR 323626	21.46 -1.64 0.00	20.72 -1.49 0.00	19.93 -1.46 0.00	19.85 -1.49 0.00	20.31 -1.34 0.00	20.94 -1.34 0.00	22.33 -1.15 0.00	22.15 -1.72 0.00	22.34 -1.68 0.00	22.04 -1.46 0.00	23.12 -1.53 0.00	22.46 -1.36 0.00	21.49 -1.69 0.00	21.33 -1.78 0.00	21.18 -1.99 0.00	21.18 -1.92 0.00	23.13 -2.23 0.00	30.15 -2.06 0.00	34.08 -2.25 0.00	33.20 -2.31 0.00	29.21 -2.60 -0.50	26.68 -2.07 -0.33	26.40 -1.63 0.00	24.73 -1.03 0.00
WHAVSTOR_138KV_BK127 55557	24.26 1.16 0.00	23.12 0.91 0.00	22.22 0.83 0.00	22.20 0.85 0.00	22.49 0.84 0.00	23.10 0.82 0.00	24.65 1.17 0.00	25.37 1.50 0.00	25.56 1.54 0.00	25.05 1.55 0.00	26.37 1.73 0.00	25.39 1.57 0.00	24.54 1.37 0.00	24.42 1.32 0.00	24.64 1.46 0.00	24.64 1.55 0.00	27.19 1.83 0.00	34.63 2.42 0.00	38.94 2.62 0.00	38.09 2.59 0.00	36.52 2.25 -2.95	32.49 2.10 -1.97	30.18 2.16 0.00	27.64 1.88 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	24.26 1.16 0.00	23.12 0.91 0.00	22.22 0.83 0.00	22.20 0.85 0.00	22.49 0.84 0.00	23.10 0.82 0.00	24.65 1.17 0.00	25.37 1.50 0.00	25.56 1.54 0.00	25.05 1.55 0.00	26.37 1.73 0.00	25.39 1.57 0.00	24.54 1.37 0.00	24.42 1.32 0.00	24.64 1.46 0.00	24.64 1.55 0.00	27.19 1.83 0.00	34.63 2.42 0.00	38.94 2.62 0.00	38.09 2.59 0.00	36.52 2.25 -2.95	32.49 2.10 -1.97	30.18 2.16 0.00	27.64 1.88 0.00



WHITEHAL_115KV_TB1 80871	24.65 1.55 0.00	23.52 1.31 0.00	22.63 1.24 0.00	22.59 1.24 0.00	22.88 1.23 0.00	23.59 1.31 0.00	25.15 1.67 0.00	25.73 1.86 0.00	25.87 1.85 0.00	25.14 1.64 0.00	26.39 1.75 0.00	25.41 1.60 0.00	24.52 1.34 0.00	24.31 1.20 0.00	24.50 1.32 0.00	24.64 1.55 0.00	27.49 2.13 0.00	35.34 3.12 0.00	39.96 3.63 0.00	39.16 3.66 0.00	38.33 3.13 -3.88	33.73 2.73 -2.59	30.72 2.69 0.00	28.13 2.37 0.00
WHITEPLN_13_KV_LOAD 356215	24.58 1.48 0.00	23.39 1.18 0.00	22.50 1.11 0.00	22.46 1.11 0.00	22.75 1.10 0.00	23.37 1.09 0.00	24.93 1.46 0.00	25.75 1.89 0.00	25.97 1.95 0.00	25.47 1.97 0.00	26.81 2.17 0.00	25.82 2.00 0.00	24.98 1.81 0.00	24.84 1.73 0.00	25.05 1.88 0.00	25.08 1.99 0.00	27.69 2.33 0.00	35.31 3.09 0.00	39.71 3.38 0.00	38.88 3.37 0.00	37.33 2.97 -3.04	33.12 2.67 -2.03	30.74 2.72 0.00	28.16 2.40 0.00
WM_FLOYD_69_KV_BK2 356380	27.82 2.08 -2.63	24.11 1.80 -0.10	23.10 1.71 0.00	23.03 1.69 0.00	23.36 1.71 0.00	23.95 1.67 0.00	26.04 2.11 -0.45	29.97 2.41 -3.69	31.58 2.40 -5.15	30.52 2.47 -4.56	27.48 2.69 -0.15	26.35 2.43 -0.11	26.01 2.29 -0.54	25.48 2.22 -0.15	28.12 2.34 -2.60	31.77 2.45 -6.23	33.04 2.81 -4.87	38.90 3.64 -3.05	44.56 4.00 -4.24	40.25 3.91 -0.84	37.78 3.41 -3.05	34.05 3.10 -2.54	32.96 3.11 -1.83	32.39 2.78 -3.84
WOODARD__115KV_TB2 355635	22.53 -0.58 0.00	21.66 -0.56 0.00	20.85 -0.53 0.00	20.79 -0.56 0.00	21.15 -0.50 0.00	21.76 -0.51 0.00	23.03 -0.45 0.00	23.44 -0.43 0.00	23.59 -0.43 0.00	23.10 -0.40 0.00	24.22 -0.42 0.00	23.39 -0.43 0.00	22.64 -0.53 0.00	22.50 -0.60 0.00	22.57 -0.60 0.00	22.56 -0.53 0.00	24.80 -0.56 0.00	31.70 -0.52 0.00	35.82 -0.51 0.00	34.93 -0.57 0.00	31.11 -0.53 -0.33	28.16 -0.48 -0.22	27.58 -0.45 0.00	25.43 -0.33 0.00
YORK__WARBASSE 23770	24.75 1.64 0.00	23.52 1.31 0.00	22.63 1.24 0.00	22.59 1.24 0.00	22.88 1.23 0.00	23.41 1.14 0.00	24.91 1.43 0.00	25.68 1.81 0.00	25.90 1.87 0.00	25.45 1.95 0.00	53.69 2.17 -26.88	57.05 2.02 -31.21	74.78 1.81 -49.80	61.50 1.76 -36.64	25.12 1.92 -0.02	25.10 2.01 0.00	27.73 2.36 -0.02	44.55 3.03 -9.31	39.56 3.23 0.00	38.70 3.20 0.00	49.83 2.79 -15.73	34.04 2.64 -2.98	30.86 2.77 -0.06	43.28 2.34 -15.18