

# Day Ahead Market Generator LBMP

		--- LBMP \$								--- Marginal Cost of Losses								--- Marginal Cost of Congestion										
Generator Data		02/26/2024																										
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	26.26	25.48	24.52	25.30	26.95	29.55	38.24	42.60	34.68	30.72	28.29	26.44	26.53	26.20	25.44	26.54	28.63	35.69	40.34	36.60	31.98	26.31	26.03	25.15			
		1.85	1.69	1.56	1.52	1.67	1.86	3.09	3.18	3.06	2.83	2.66	2.37	2.10	1.91	1.86	2.06	2.37	3.27	3.63	3.15	2.64	2.33	2.19	1.71			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	-7.00	-2.51	-1.40	-0.02	-1.54	-3.66	-3.99	-3.31	-3.66	-2.53	-0.02	-0.10	-2.56	-3.15	-0.72	-0.02	0.00			
74TH STREET_GT_1	24260	26.11	25.40	24.45	25.23	26.88	29.44	38.09	42.47	34.54	30.60	28.17	26.37	26.51	26.22	25.41	26.52	28.59	35.60	40.19	36.48	31.91	26.22	25.94	25.09			
		1.71	1.62	1.49	1.45	1.59	1.74	2.95	3.05	2.91	2.70	2.54	2.25	1.99	1.83	1.76	1.96	2.28	3.18	3.48	3.03	2.57	2.23	2.10	1.64			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	-7.00	-2.51	-1.42	-0.02	-1.57	-3.74	-4.09	-3.39	-3.75	-2.58	-0.02	-0.10	-2.56	-3.15	-0.72	-0.02	0.00			
74TH STREET_GT_2	24261	26.11	25.40	24.45	25.23	26.88	29.44	38.09	42.47	34.54	30.60	28.17	26.37	26.51	26.22	25.41	26.52	28.59	35.60	40.19	36.48	31.91	26.22	25.94	25.09			
		1.71	1.62	1.49	1.45	1.59	1.74	2.95	3.05	2.91	2.70	2.54	2.25	1.99	1.83	1.76	1.96	2.28	3.18	3.48	3.03	2.57	2.23	2.10	1.64			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	-7.00	-2.51	-1.42	-0.02	-1.57	-3.74	-4.09	-3.39	-3.75	-2.58	-0.02	-0.10	-2.56	-3.15	-0.72	-0.02	0.00			
ADK HUDSON__FALLS	24011	25.82	25.09	24.17	25.13	26.78	29.38	37.67	43.68	34.23	29.08	27.31	23.87	21.84	21.28	21.18	21.92	25.15	34.67	39.43	36.22	31.95	25.53	25.18	24.50			
		1.42	1.31	1.22	1.36	1.49	1.69	2.53	2.37	1.95	1.67	1.69	1.33	1.06	0.97	0.91	1.10	1.42	2.27	2.71	2.10	1.78	1.40	1.36	1.05			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	-8.89	-3.17	-0.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.11	-3.23	-3.98	-0.87	0.00	0.00			
ADK RESOURCE__RCVRY	23798	25.94	25.17	24.24	25.23	26.88	29.52	37.85	43.87	34.36	29.19	27.41	23.92	21.88	21.32	21.20	21.99	25.20	34.80	39.58	36.36	32.01	25.63	25.25	24.52			
		1.54	1.38	1.28	1.45	1.59	1.83	2.71	2.53	2.07	1.77	1.79	1.38	1.10	1.01	0.93	1.17	1.47	2.40	2.86	2.23	1.83	1.49	1.43	1.08			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	-8.91	-3.18	-0.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.11	-3.24	-3.99	-0.87	0.00	0.00			
ADK S GLENS__FALLS	24028	25.82	25.09	24.17	25.13	26.78	29.38	37.67	43.68	34.23	29.08	27.31	23.87	21.84	21.28	21.18	21.92	25.15	34.67	39.43	36.22	31.95	25.53	25.18	24.50			
		1.42	1.31	1.22	1.36	1.49	1.69	2.53	2.37	1.95	1.67	1.69	1.33	1.06	0.97	0.91	1.10	1.42	2.27	2.71	2.10	1.78	1.40	1.36	1.05			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	-8.89	-3.17	-0.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.11	-3.23	-3.98	-0.87	0.00	0.00			
ADK_NYS__DAM	23527	25.92	25.17	24.29	25.13	26.70	29.30	37.60	43.32	34.36	29.37	27.51	24.23	22.27	21.66	21.58	22.30	25.42	34.80	39.31	36.24	31.93	25.78	25.42	24.83			
		1.51	1.38	1.33	1.35	1.42	1.61	2.46	2.30	2.18	1.99	1.90	1.69	1.50	1.36	1.32	1.48	1.69	2.40	2.60	2.23	1.89	1.68	1.60	1.38			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	-8.59	-3.07	-0.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.10	-3.13	-3.85	-0.84	0.00	0.00			
AIR_PRODUCTS__DRP	24190	25.06	24.43	23.60	24.40	25.92	28.41	36.34	42.21	33.26	28.37	26.59	23.49	21.61	21.06	20.97	21.67	24.66	33.64	38.11	35.14	30.99	24.99	24.66	24.26			
		0.66	0.64	0.64	0.62	0.63	0.72	1.19	1.17	1.08	0.98	0.97	0.95	0.83	0.75	0.71	0.85	0.93	1.23	1.39	1.11	0.94	0.88	0.83	0.82			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	-8.62	-3.08	-0.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.10	-3.14	-3.86	-0.84	0.00	0.00			
AKWESSNE_115KV_BK	355683	24.21	23.62	22.77	23.66	25.13	27.44	34.44	31.48	28.24	25.66	24.85	21.84	20.22	19.88	19.90	20.30	23.19	31.66	35.88	30.24	25.56	22.82	23.58	23.44			
		-0.20	-0.17	-0.18	-0.12	-0.15	-0.25	-0.70	-0.94	-0.87	-0.82	-0.77	-0.70	-0.56	-0.43	-0.36	-0.52	-0.55	-0.75	-0.73	-0.65	-0.63	-0.44	-0.24	0.00			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ALBANY_1_SOLAR	323833	25.48	24.79	23.94	24.78	26.35	28.88	36.90	42.49	33.52	28.59	26.87	23.65	21.73	21.18	21.10	21.80	24.87	34.02	38.58	35.44	31.18	25.21	24.90	24.41			
		1.07	1.00	0.99	1.00	1.06	1.19	1.76	1.62	1.40	1.22	1.25	1.10	0.96	0.87	0.83	0.98	1.14	1.62	1.87	1.48	1.21	1.12	1.07	0.96			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	-8.44	-3.01	-0.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.10	-3.07	-3.78	-0.82	0.00	0.00			
ALBANY_2_SOLAR	323834	25.48	24.79	23.92	24.78	26.35	28.88	36.90	42.49	33.52	28.59	26.87	23.62	21.71	21.18	21.10	21.80	24.87	34.02	38.58	35.41	31.18	25.21	24.90	24.41			
		1.07	1.00	0.96	1.00	1.06	1.19	1.76	1.62	1.40	1.22	1.25	1.08	0.94	0.87	0.83	0.98	1.14	1.62	1.87	1.45	1.21	1.12	1.07	0.96			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	-8.45	-3.01	-0.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.10	-3.07	-3.78	-0.82	0.00	0.00			
ALBANY__1	23571	25.06	24.43	23.60	24.40	25.92	28.41	36.34	42.21	33.26	28.37	26.59	23.49	21.61	21.06	20.97	21.67	24.66	33.64	38.11	35.14	30.99	24.99	24.66	24.26			
		0.66	0.64	0.64	0.62	0.63	0.72	1.19	1.17	1.08	0.98	0.97	0.95	0.83	0.75	0.71	0.85	0.93	1.23	1.39	1.11	0.94	0.88	0.83	0.82			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	-8.62	-3.08	-0.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.10	-3.14	-3.86	-0.84	0.00	0.00			



ALBANY___2 23572	25.06 0.66 0.00	24.43 0.64 0.00	23.60 0.64 0.00	24.40 0.62 0.00	25.92 0.63 0.00	28.41 0.72 0.00	36.34 1.19 0.00	42.21 1.17 -8.62	33.26 1.08 -3.08	28.37 0.98 -0.90	26.59 0.97 0.00	23.49 0.95 0.00	21.61 0.83 0.00	21.06 0.75 0.00	20.97 0.71 0.00	21.67 0.85 0.00	24.66 0.93 0.00	33.64 1.23 0.00	38.11 1.39 -0.10	35.14 1.11 -3.14	30.99 0.94 -3.86	24.99 0.88 -0.84	24.66 0.83 0.00	24.26 0.82 0.00
ALBANY___3 23573	25.06 0.66 0.00	24.43 0.64 0.00	23.60 0.64 0.00	24.40 0.62 0.00	25.92 0.63 0.00	28.41 0.72 0.00	36.34 1.19 0.00	42.21 1.17 -8.62	33.26 1.08 -3.08	28.37 0.98 -0.90	26.59 0.97 0.00	23.49 0.95 0.00	21.61 0.83 0.00	21.06 0.75 0.00	20.97 0.71 0.00	21.67 0.85 0.00	24.66 0.93 0.00	33.64 1.23 0.00	38.11 1.39 -0.10	35.14 1.11 -3.14	30.99 0.94 -3.86	24.99 0.88 -0.84	24.66 0.83 0.00	24.26 0.82 0.00
ALBANY___4 23574	25.06 0.66 0.00	24.43 0.64 0.00	23.60 0.64 0.00	24.40 0.62 0.00	25.92 0.63 0.00	28.41 0.72 0.00	36.34 1.19 0.00	42.21 1.17 -8.62	33.26 1.08 -3.08	28.37 0.98 -0.90	26.59 0.97 0.00	23.49 0.95 0.00	21.61 0.83 0.00	21.06 0.75 0.00	20.97 0.71 0.00	21.67 0.85 0.00	24.66 0.93 0.00	33.64 1.23 0.00	38.11 1.39 -0.10	35.14 1.11 -3.14	30.99 0.94 -3.86	24.99 0.88 -0.84	24.66 0.83 0.00	24.26 0.82 0.00
ALBANY___LFGE 323615	25.28 0.88 0.00	24.60 0.81 0.00	23.76 0.80 0.00	24.59 0.81 0.00	26.12 0.83 0.00	28.64 0.94 0.00	36.65 1.51 0.00	42.54 1.49 -8.63	33.53 1.34 -3.08	28.58 1.19 -0.91	26.84 1.23 0.00	23.67 1.13 0.00	21.75 0.98 0.00	21.20 0.89 0.00	21.11 0.85 0.00	21.82 1.00 0.00	24.85 1.12 0.00	33.93 1.52 0.00	38.44 1.72 -0.10	35.42 1.39 -3.14	31.20 1.15 -3.86	25.18 1.07 -0.84	24.85 1.02 0.00	24.41 0.96 0.00
ALCOA_PA_115KV_PL-6C 55860	24.33 -0.07 0.00	23.74 -0.05 0.00	22.89 -0.07 0.00	23.80 0.02 0.00	25.19 -0.10 0.00	27.55 -0.14 0.00	34.51 -0.63 0.00	31.55 -0.88 0.00	28.30 -0.82 0.00	25.71 -0.77 0.00	24.92 -0.69 0.00	21.91 -0.63 0.00	20.28 -0.50 0.00	19.94 -0.37 0.00	19.96 -0.30 0.00	20.36 -0.46 0.00	23.28 -0.45 0.00	31.76 -0.65 0.00	36.03 -0.59 0.00	30.33 -0.56 0.00	25.64 -0.55 0.00	22.87 -0.40 0.00	23.66 -0.17 0.00	23.61 0.16 0.00
ALCOA_RYNLDS___DRP 24188	24.33 -0.07 0.00	23.74 -0.05 0.00	22.89 -0.07 0.00	23.80 0.02 0.00	25.19 -0.10 0.00	27.55 -0.14 0.00	34.51 -0.63 0.00	31.55 -0.88 0.00	28.30 -0.82 0.00	25.71 -0.77 0.00	24.92 -0.69 0.00	21.91 -0.63 0.00	20.28 -0.50 0.00	19.94 -0.37 0.00	19.96 -0.30 0.00	20.36 -0.46 0.00	23.28 -0.45 0.00	31.76 -0.65 0.00	36.03 -0.59 0.00	30.33 -0.56 0.00	25.64 -0.55 0.00	22.87 -0.40 0.00	23.66 -0.17 0.00	23.61 0.16 0.00
ALCOA___DSASP 323711	24.18 -0.22 0.00	23.74 -0.05 0.00	22.89 -0.07 0.00	23.80 0.02 0.00	25.19 -0.10 0.00	27.56 -0.14 0.00	34.51 -0.63 0.00	31.55 -0.87 0.00	28.30 -0.81 0.00	25.71 -0.77 0.00	24.92 -0.69 0.00	21.91 -0.63 0.00	20.28 -0.50 0.00	19.94 -0.36 0.00	19.96 -0.30 0.00	20.36 -0.46 0.00	23.28 -0.45 0.00	31.76 -0.65 0.00	35.99 -0.62 0.00	30.33 -0.56 0.00	25.75 -0.45 0.00	22.87 -0.40 0.00	23.66 -0.17 0.00	23.61 0.17 0.00
ALLEGHENY___COGEN 23514	24.48 0.07 0.00	23.91 0.12 0.00	23.14 0.18 0.00	24.02 0.24 0.00	25.54 0.25 0.00	28.39 0.69 0.00	36.30 1.16 0.00	35.50 1.62 -1.45	30.80 1.17 -0.52	27.43 0.79 -0.15	26.41 0.79 0.00	23.24 0.70 0.00	21.30 0.52 0.00	20.59 0.28 0.00	20.55 0.28 0.00	21.34 0.52 0.00	24.54 0.81 0.00	33.78 1.36 -0.01	37.99 1.36 -0.02	32.47 1.05 -0.53	27.44 0.60 -0.65	23.78 0.37 -0.14	23.87 0.05 0.00	23.23 -0.21 0.00
ALTAMONT_115KV_TB 2 55880	25.19 0.78 0.00	24.52 0.74 0.00	23.69 0.73 0.00	24.49 0.71 0.00	26.04 0.76 0.00	28.55 0.86 0.00	36.51 1.37 0.00	42.40 1.36 -8.62	33.44 1.25 -3.07	28.53 1.14 -0.90	26.69 1.08 0.00	23.51 0.97 0.00	21.63 0.85 0.00	21.06 0.75 0.00	20.99 0.73 0.00	21.67 0.85 0.00	24.70 0.97 0.00	33.80 1.39 0.00	38.25 1.54 -0.10	35.32 1.30 -3.14	31.15 1.10 -3.86	25.06 0.95 -0.84	24.70 0.88 0.00	24.19 0.75 0.00
ALTONA_WT_PWR 323606	24.01 -0.39 0.00	23.50 -0.28 0.00	22.61 -0.34 0.00	23.59 -0.19 0.00	25.11 -0.18 0.00	27.53 -0.17 0.00	34.58 -0.56 0.00	31.71 -0.71 0.00	28.47 -0.64 0.00	25.90 -0.58 0.00	24.92 -0.69 0.00	21.84 -0.70 0.00	20.17 -0.60 0.00	19.84 -0.47 0.00	19.96 -0.30 0.00	20.53 -0.29 0.00	23.90 0.17 0.00	33.05 0.65 0.00	37.53 0.92 0.00	31.63 0.74 0.00	26.79 0.60 0.00	23.66 0.40 0.00	24.30 0.48 0.00	23.96 0.52 0.00
AMERICAN_REF_FUEL 24010	21.89 -2.51 0.00	21.55 -2.24 0.00	20.84 -2.11 0.00	21.54 -2.24 0.00	22.73 -2.55 0.00	25.09 -2.60 0.00	31.42 -3.73 0.00	30.60 -2.95 -1.13	26.87 -2.65 -0.40	24.24 -2.36 -0.12	23.39 -2.23 0.00	20.90 -1.64 0.00	19.20 -1.58 0.00	18.54 -1.77 0.00	18.36 -1.91 0.00	19.03 -1.79 0.00	21.43 -2.30 0.00	28.89 -3.50 0.01	32.15 -4.47 -0.01	27.78 -3.52 -0.41	23.71 -2.99 -0.50	20.79 -2.58 -0.11	20.99 -2.84 0.00	20.51 -2.93 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	22.36 -2.05 0.00	22.03 -1.76 0.00	21.39 -1.56 0.00	22.21 -1.57 0.00	23.64 -1.64 0.00	26.39 -1.30 0.00	33.56 -1.58 0.00	32.18 -1.49 -1.25	28.25 -1.31 -0.44	25.53 -1.09 -0.13	25.13 -0.49 0.00	22.41 -0.13 0.00	20.61 -0.17 0.00	19.84 -0.47 0.00	19.60 -0.67 0.00	20.34 -0.48 0.00	22.97 -0.76 0.00	30.91 -1.49 0.01	33.99 -2.64 -0.01	28.81 -2.53 -0.45	24.37 -2.38 -0.56	21.25 -2.14 -0.12	21.54 -2.29 0.00	21.03 -2.41 0.00
ARTHUR KILL_GT_1 23520	26.32 1.90 -0.01	25.48 1.69 0.00	24.49 1.54 0.00	25.25 1.47 0.00	26.93 1.64 0.00	29.33 1.63 0.00	38.02 2.88 0.00	42.40 2.98 -7.00	34.45 2.82 -2.51	30.49 2.60 -1.42	28.04 2.41 -0.02	26.23 2.12 -1.57	26.41 1.89 -3.74	26.11 1.72 -4.08	25.33 1.68 -3.38	26.48 1.91 -3.74	28.57 2.26 -2.58	35.53 3.11 -0.02	130.90 3.48 -90.81	36.45 3.00 -2.56	31.83 2.49 -3.15	26.26 2.28 -0.72	26.01 2.17 -0.02	25.11 1.66 0.00
ARTHUR_KILL_2 23512	26.24 1.83 -0.01	25.40 1.62 0.00	24.43 1.47 0.00	25.18 1.40 0.00	26.88 1.59 0.00	29.27 1.58 0.00	37.92 2.78 0.00	42.31 2.88 -7.00	34.36 2.74 -2.51	30.42 2.52 -1.42	27.96 2.33 -0.02	26.16 2.05 -1.57	26.36 1.85 -3.74	26.05 1.67 -4.08	25.27 1.62 -3.38	26.41 1.85 -3.74	28.49 2.18 -2.58	35.43 3.01 -0.02	130.79 3.37 -90.81	36.35 2.90 -2.56	31.72 2.38 -3.15	26.19 2.21 -0.72	25.94 2.10 -0.02	25.04 1.60 0.00
ARTHUR_KILL_3 23513	25.97 1.56 0.00	25.19 1.40 0.00	24.26 1.31 0.00	25.04 1.26 0.00	26.68 1.39 0.00	29.22 1.52 0.00	37.81 2.67 0.00	42.18 2.75 -7.00	34.30 2.68 -2.51	30.38 2.49 -1.41	27.96 2.33 -0.02	26.17 2.07 -1.55	26.31 1.83 -3.70	25.99 1.64 -4.04	25.22 1.60 -3.35	26.32 1.79 -3.70	28.35 2.06 -2.56	35.34 2.92 -0.02	130.64 3.22 -90.80	36.23 2.78 -2.56	31.67 2.33 -3.15	26.05 2.07 -0.72	25.75 1.91 -0.02	24.90 1.45 0.00



ARTHUR_KILL_COGEN 323718	26.32 1.90 -0.01	25.48 1.69 0.00	24.49 1.54 0.00	25.25 1.47 0.00	26.93 1.64 0.00	29.33 1.63 0.00	38.02 2.88 0.00	42.40 2.98 -7.00	34.45 2.82 -2.51	30.49 2.60 -1.42	28.04 2.41 -0.02	26.23 2.12 -1.57	26.41 1.89 -3.74	26.11 1.72 -4.08	25.33 1.68 -3.38	26.48 1.91 -3.74	28.57 2.26 -2.58	35.53 3.11 -0.02	130.90 3.48 -90.81	36.45 3.00 -2.56	31.83 2.49 -3.15	26.26 2.28 -0.72	26.01 2.17 -0.02	25.11 1.66 0.00
ASHOKAN____ 23654	26.04 1.64 0.00	25.31 1.52 0.00	24.47 1.51 0.00	25.32 1.54 0.00	26.98 1.69 0.00	29.60 1.91 0.00	38.06 2.92 0.00	41.67 1.46 -7.78	32.88 0.99 -2.78	27.99 0.69 -0.82	27.18 1.56 0.00	23.76 1.22 0.00	21.71 0.94 0.00	21.14 0.83 0.00	21.10 0.83 0.00	21.86 1.04 0.00	25.18 1.45 0.00	34.77 2.36 0.00	39.60 2.89 -0.09	34.80 1.08 -2.83	30.38 0.71 -3.48	25.44 1.42 -0.76	25.20 1.38 0.00	24.76 1.31 0.00
ASTORIA_EAST_ENERGY_CC1 323581	26.12 1.71 -0.01	25.31 1.52 0.00	24.33 1.38 0.00	25.06 1.28 0.00	26.75 1.47 0.00	29.10 1.41 0.01	37.63 2.50 0.01	42.07 2.66 -6.99	34.33 2.71 -2.51	30.49 2.60 -1.41	28.06 2.43 -0.01	26.29 2.19 -1.56	26.44 1.93 -3.73	26.14 1.77 -4.07	25.34 1.70 -3.38	26.47 1.91 -3.73	28.51 2.21 -2.57	35.33 2.92 -0.01	39.93 3.22 -0.09	36.32 2.87 -2.56	31.69 2.36 -3.14	26.19 2.21 -0.71	25.85 2.02 -0.01	24.97 1.52 0.00
ASTORIA_EAST_ENERGY_CC2 323582	26.12 1.71 -0.01	25.31 1.52 0.00	24.33 1.38 0.00	25.06 1.28 0.00	26.75 1.47 0.00	29.10 1.41 0.01	37.63 2.50 0.01	42.07 2.66 -6.99	34.33 2.71 -2.51	30.49 2.60 -1.41	28.06 2.43 -0.01	26.29 2.19 -1.56	26.44 1.93 -3.73	26.14 1.77 -4.07	25.34 1.70 -3.38	26.47 1.91 -3.73	28.51 2.21 -2.57	35.33 2.92 -0.01	39.93 3.22 -0.09	36.32 2.87 -2.56	31.69 2.36 -3.14	26.19 2.21 -0.71	25.85 2.02 -0.01	24.97 1.52 0.00
ASTORIA_GT2_1 24094	26.06 1.66 0.00	25.31 1.52 0.00	24.33 1.38 0.00	25.09 1.31 0.00	26.75 1.47 0.00	29.11 1.41 0.00	37.67 2.53 0.00	42.11 2.69 -7.00	34.36 2.74 -2.51	30.51 2.62 -1.41	28.09 2.46 -0.02	26.29 2.19 -1.56	26.46 1.95 -3.73	26.14 1.77 -4.07	25.34 1.70 -3.38	26.47 1.92 -3.73	28.54 2.23 -2.57	35.37 2.95 -0.02	39.93 3.22 -0.10	36.32 2.87 -2.56	31.72 2.38 -3.15	26.21 2.23 -0.71	25.89 2.05 -0.02	24.97 1.52 0.00
ASTORIA_GT2_2 24095	26.06 1.66 0.00	25.31 1.52 0.00	24.33 1.38 0.00	25.09 1.31 0.00	26.75 1.47 0.00	29.11 1.41 0.00	37.67 2.53 0.00	42.11 2.69 -7.00	34.36 2.74 -2.51	30.51 2.62 -1.41	28.09 2.46 -0.02	26.29 2.19 -1.56	26.46 1.95 -3.73	26.14 1.77 -4.07	25.34 1.70 -3.38	26.47 1.92 -3.73	28.54 2.23 -2.57	35.37 2.95 -0.02	39.93 3.22 -0.10	36.32 2.87 -2.56	31.72 2.38 -3.15	26.21 2.23 -0.71	25.89 2.05 -0.02	24.97 1.52 0.00
ASTORIA_GT2_3 24096	26.06 1.66 0.00	25.31 1.52 0.00	24.33 1.38 0.00	25.09 1.31 0.00	26.75 1.47 0.00	29.11 1.41 0.00	37.67 2.53 0.00	42.11 2.69 -7.00	34.36 2.74 -2.51	30.51 2.62 -1.41	28.09 2.46 -0.02	26.29 2.19 -1.56	26.46 1.95 -3.73	26.14 1.77 -4.07	25.34 1.70 -3.38	26.47 1.92 -3.73	28.54 2.23 -2.57	35.37 2.95 -0.02	39.93 3.22 -0.10	36.32 2.87 -2.56	31.72 2.38 -3.15	26.21 2.23 -0.71	25.89 2.05 -0.02	24.97 1.52 0.00
ASTORIA_GT2_4 24097	26.06 1.66 0.00	25.31 1.52 0.00	24.33 1.38 0.00	25.09 1.31 0.00	26.75 1.47 0.00	29.11 1.41 0.00	37.67 2.53 0.00	42.11 2.69 -7.00	34.36 2.74 -2.51	30.51 2.62 -1.41	28.09 2.46 -0.02	26.29 2.19 -1.56	26.46 1.95 -3.73	26.14 1.77 -4.07	25.34 1.70 -3.38	26.47 1.92 -3.73	28.54 2.23 -2.57	35.37 2.95 -0.02	39.93 3.22 -0.10	36.32 2.87 -2.56	31.72 2.38 -3.15	26.21 2.23 -0.71	25.89 2.05 -0.02	24.97 1.52 0.00
ASTORIA_GT3_1 24098	26.06 1.66 0.00	25.31 1.52 0.00	24.33 1.38 0.00	25.09 1.31 0.00	26.75 1.47 0.00	29.11 1.41 0.00	37.67 2.53 0.00	42.11 2.69 -7.00	34.36 2.74 -2.51	30.51 2.62 -1.41	28.09 2.46 -0.02	26.29 2.19 -1.56	26.46 1.95 -3.73	26.14 1.77 -4.07	25.34 1.70 -3.38	26.47 1.92 -3.73	28.54 2.23 -2.57	35.37 2.95 -0.02	39.93 3.22 -0.10	36.32 2.87 -2.56	31.72 2.38 -3.15	26.21 2.23 -0.71	25.89 2.05 -0.02	24.97 1.52 0.00
ASTORIA_GT3_2 24099	26.06 1.66 0.00	25.31 1.52 0.00	24.33 1.38 0.00	25.09 1.31 0.00	26.75 1.47 0.00	29.11 1.41 0.00	37.67 2.53 0.00	42.11 2.69 -7.00	34.36 2.74 -2.51	30.51 2.62 -1.41	28.09 2.46 -0.02	26.29 2.19 -1.56	26.46 1.95 -3.73	26.14 1.77 -4.07	25.34 1.70 -3.38	26.47 1.92 -3.73	28.54 2.23 -2.57	35.37 2.95 -0.02	39.93 3.22 -0.10	36.32 2.87 -2.56	31.72 2.38 -3.15	26.21 2.23 -0.71	25.89 2.05 -0.02	24.97 1.52 0.00
ASTORIA_GT3_3 24100	26.06 1.66 0.00	25.31 1.52 0.00	24.33 1.38 0.00	25.09 1.31 0.00	26.75 1.47 0.00	29.11 1.41 0.00	37.67 2.53 0.00	42.11 2.69 -7.00	34.36 2.74 -2.51	30.51 2.62 -1.41	28.09 2.46 -0.02	26.29 2.19 -1.56	26.46 1.95 -3.73	26.14 1.77 -4.07	25.34 1.70 -3.38	26.47 1.92 -3.73	28.54 2.23 -2.57	35.37 2.95 -0.02	39.93 3.22 -0.10	36.32 2.87 -2.56	31.72 2.38 -3.15	26.21 2.23 -0.71	25.89 2.05 -0.02	24.97 1.52 0.00
ASTORIA_GT3_4 24101	26.06 1.66 0.00	25.31 1.52 0.00	24.33 1.38 0.00	25.09 1.31 0.00	26.75 1.47 0.00	29.11 1.41 0.00	37.67 2.53 0.00	42.11 2.69 -7.00	34.36 2.74 -2.51	30.51 2.62 -1.41	28.09 2.46 -0.02	26.29 2.19 -1.56	26.46 1.95 -3.73	26.14 1.77 -4.07	25.34 1.70 -3.38	26.47 1.92 -3.73	28.54 2.23 -2.57	35.37 2.95 -0.02	39.93 3.22 -0.10	36.32 2.87 -2.56	31.72 2.38 -3.15	26.21 2.23 -0.71	25.89 2.05 -0.02	24.97 1.52 0.00
ASTORIA_GT4_1 24102	26.06 1.66 0.00	25.31 1.52 0.00	24.33 1.38 0.00	25.09 1.31 0.00	26.75 1.47 0.00	29.11 1.41 0.00	37.67 2.53 0.00	42.11 2.69 -7.00	34.36 2.74 -2.51	30.51 2.62 -1.41	28.09 2.46 -0.02	26.29 2.19 -1.56	26.46 1.95 -3.73	26.14 1.77 -4.07	25.34 1.70 -3.38	26.47 1.92 -3.73	28.54 2.23 -2.57	35.37 2.95 -0.02	39.93 3.22 -0.10	36.32 2.87 -2.56	31.72 2.38 -3.15	26.21 2.23 -0.71	25.89 2.05 -0.02	24.97 1.52 0.00
ASTORIA_GT4_2 24103	26.06 1.66 0.00	25.31 1.52 0.00	24.33 1.38 0.00	25.09 1.31 0.00	26.75 1.47 0.00	29.11 1.41 0.00	37.67 2.53 0.00	42.11 2.69 -7.00	34.36 2.74 -2.51	30.51 2.62 -1.41	28.09 2.46 -0.02	26.29 2.19 -1.56	26.46 1.95 -3.73	26.14 1.77 -4.07	25.34 1.70 -3.38	26.47 1.92 -3.73	28.54 2.23 -2.57	35.37 2.95 -0.02	39.93 3.22 -0.10	36.32 2.87 -2.56	31.72 2.38 -3.15	26.21 2.23 -0.71	25.89 2.05 -0.02	24.97 1.52 0.00
ASTORIA_GT4_3 24104	26.06 1.66 0.00	25.31 1.52 0.00	24.33 1.38 0.00	25.09 1.31 0.00	26.75 1.47 0.00	29.11 1.41 0.00	37.67 2.53 0.00	42.11 2.69 -7.00	34.36 2.74 -2.51	30.51 2.62 -1.41	28.09 2.46 -0.02	26.29 2.19 -1.56	26.46 1.95 -3.73	26.14 1.77 -4.07	25.34 1.70 -3.38	26.47 1.92 -3.73	28.54 2.23 -2.57	35.37 2.95 -0.02	39.93 3.22 -0.10	36.32 2.87 -2.56	31.72 2.38 -3.15	26.21 2.23 -0.71	25.89 2.05 -0.02	24.97 1.52 0.00



ASTORIA_GT4_4 24105	26.06 1.66 0.00	25.31 1.52 0.00	24.33 1.38 0.00	25.09 1.31 0.00	26.75 1.47 0.00	29.11 1.41 0.00	37.67 2.53 0.00	42.11 2.69 -7.00	34.36 2.74 -2.51	30.51 2.62 -1.41	28.09 2.46 -0.02	26.29 2.19 -1.56	26.46 1.95 -3.73	26.14 1.77 -4.07	25.34 1.70 -3.38	26.47 1.92 -3.73	28.54 2.23 -2.57	35.37 2.95 -0.02	39.93 3.22 -0.10	36.32 2.87 -2.56	31.72 2.38 -3.15	26.21 2.23 -0.71	25.89 2.05 -0.02	24.97 1.52 0.00
ASTORIA_GT_1 23523	26.17 1.76 -0.01	25.36 1.57 0.00	24.38 1.42 0.00	25.11 1.33 0.00	26.80 1.52 0.00	29.15 1.47 0.01	37.74 2.60 0.01	42.17 2.75 -6.99	34.41 2.80 -2.51	30.56 2.67 -1.41	28.13 2.51 -0.01	26.34 2.23 -1.56	26.50 1.99 -3.73	26.18 1.81 -4.07	25.38 1.74 -3.38	26.51 1.96 -3.73	28.58 2.28 -2.57	35.43 3.01 -0.01	40.03 3.33 -0.09	36.38 2.94 -2.56	31.74 2.41 -3.14	26.23 2.26 -0.71	25.90 2.07 -0.01	25.02 1.57 0.00
ASTORIA_GT_10 24110	26.11 1.71 0.00	25.36 1.57 0.00	24.40 1.45 0.00	25.16 1.38 0.00	26.83 1.54 0.00	29.24 1.55 0.00	37.85 2.71 0.00	42.27 2.85 -7.00	34.39 2.77 -2.51	30.49 2.60 -1.42	28.04 2.41 -0.02	26.28 2.16 -1.57	26.43 1.91 -3.74	26.13 1.75 -4.08	25.33 1.68 -3.38	26.46 1.89 -3.74	28.52 2.21 -2.58	35.47 3.05 -0.02	40.04 3.33 -0.10	36.32 2.87 -2.56	31.78 2.44 -3.15	26.19 2.21 -0.72	25.91 2.07 -0.02	25.02 1.57 0.00
ASTORIA_GT_11 24225	26.11 1.71 0.00	25.36 1.57 0.00	24.40 1.45 0.00	25.16 1.38 0.00	26.83 1.54 0.00	29.24 1.55 0.00	37.85 2.71 0.00	42.27 2.85 -7.00	34.39 2.77 -2.51	30.49 2.60 -1.42	28.04 2.41 -0.02	26.28 2.16 -1.57	26.43 1.91 -3.74	26.13 1.75 -4.08	25.33 1.68 -3.38	26.46 1.89 -3.74	28.52 2.21 -2.58	35.47 3.05 -0.02	40.04 3.33 -0.10	36.32 2.87 -2.56	31.78 2.44 -3.15	26.19 2.21 -0.72	25.91 2.07 -0.02	25.02 1.57 0.00
ASTORIA_GT_12 24226	26.11 1.71 0.00	25.36 1.57 0.00	24.40 1.45 0.00	25.16 1.38 0.00	26.83 1.54 0.00	29.24 1.55 0.00	37.85 2.71 0.00	42.27 2.85 -7.00	34.39 2.77 -2.51	30.49 2.60 -1.42	28.04 2.41 -0.02	26.28 2.16 -1.57	26.43 1.91 -3.74	26.13 1.75 -4.08	25.33 1.68 -3.38	26.46 1.89 -3.74	28.52 2.21 -2.58	35.47 3.05 -0.02	40.04 3.33 -0.10	36.32 2.87 -2.56	31.78 2.44 -3.15	26.19 2.21 -0.72	25.91 2.07 -0.02	25.02 1.57 0.00
ASTORIA_GT_13 24227	26.11 1.71 0.00	25.36 1.57 0.00	24.40 1.45 0.00	25.16 1.38 0.00	26.83 1.54 0.00	29.24 1.55 0.00	37.85 2.71 0.00	42.27 2.85 -7.00	34.39 2.77 -2.51	30.49 2.60 -1.42	28.04 2.41 -0.02	26.28 2.16 -1.57	26.43 1.91 -3.74	26.13 1.75 -4.08	25.33 1.68 -3.38	26.46 1.89 -3.74	28.52 2.21 -2.58	35.47 3.05 -0.02	40.04 3.33 -0.10	36.32 2.87 -2.56	31.78 2.44 -3.15	26.19 2.21 -0.72	25.91 2.07 -0.02	25.02 1.57 0.00
ASTORIA_GT_5 24106	26.11 1.71 0.00	25.36 1.57 0.00	24.38 1.42 0.00	25.11 1.33 0.00	26.80 1.52 0.00	29.16 1.47 0.00	37.74 2.60 0.00	42.18 2.76 -7.00	34.42 2.79 -2.51	30.56 2.67 -1.41	28.14 2.51 -0.02	26.33 2.23 -1.56	26.50 1.99 -3.73	26.18 1.81 -4.07	25.38 1.74 -3.38	26.51 1.96 -3.73	28.58 2.28 -2.57	35.43 3.01 -0.02	40.01 3.30 -0.10	36.39 2.93 -2.56	31.78 2.44 -3.15	26.25 2.28 -0.71	25.94 2.10 -0.02	25.02 1.57 0.00
ASTORIA_GT_7 24107	26.11 1.71 0.00	25.36 1.57 0.00	24.38 1.42 0.00	25.11 1.33 0.00	26.80 1.52 0.00	29.16 1.47 0.00	37.74 2.60 0.00	42.18 2.76 -7.00	34.42 2.79 -2.51	30.56 2.67 -1.41	28.14 2.51 -0.02	26.33 2.23 -1.56	26.50 1.99 -3.73	26.18 1.81 -4.07	25.38 1.74 -3.38	26.51 1.96 -3.73	28.58 2.28 -2.57	35.43 3.01 -0.02	40.01 3.30 -0.10	36.39 2.93 -2.56	31.78 2.44 -3.15	26.25 2.28 -0.71	25.94 2.10 -0.02	25.02 1.57 0.00
ASTORIA_GT_8 24108	26.11 1.71 0.00	25.36 1.57 0.00	24.38 1.42 0.00	25.11 1.33 0.00	26.80 1.52 0.00	29.16 1.47 0.00	37.74 2.60 0.00	42.18 2.76 -7.00	34.42 2.79 -2.51	30.56 2.67 -1.41	28.14 2.51 -0.02	26.33 2.23 -1.56	26.50 1.99 -3.73	26.18 1.81 -4.07	25.38 1.74 -3.38	26.51 1.96 -3.73	28.58 2.28 -2.57	35.43 3.01 -0.02	40.01 3.30 -0.10	36.39 2.93 -2.56	31.78 2.44 -3.15	26.25 2.28 -0.71	25.94 2.10 -0.02	25.02 1.57 0.00
ASTORIA___2 24149	26.12 1.71 -0.01	25.31 1.52 0.00	24.33 1.38 0.00	25.08 1.31 0.00	26.75 1.47 0.00	29.10 1.41 0.01	37.67 2.53 0.01	42.10 2.69 -6.99	34.35 2.74 -2.51	30.51 2.62 -1.41	28.08 2.46 -0.01	26.29 2.19 -1.56	26.46 1.95 -3.73	26.14 1.77 -4.07	25.34 1.70 -3.38	26.47 1.91 -3.73	28.54 2.23 -2.57	35.36 2.95 -0.01	39.96 3.26 -0.09	36.32 2.87 -2.56	31.69 2.36 -3.14	26.19 2.21 -0.71	25.88 2.05 -0.01	24.97 1.52 0.00
ASTORIA___3 23516	26.17 1.76 -0.01	25.36 1.57 0.00	24.40 1.45 0.00	25.16 1.38 0.00	26.83 1.54 0.00	29.24 1.55 0.00	37.85 2.71 0.00	42.28 2.85 -7.00	34.39 2.77 -2.51	30.49 2.60 -1.42	28.04 2.41 -0.02	26.28 2.16 -1.57	26.43 1.91 -3.74	26.13 1.75 -4.08	25.33 1.68 -3.38	26.46 1.89 -3.74	28.52 2.21 -2.58	35.47 3.05 -0.02	40.08 3.37 -0.10	36.32 2.87 -2.56	31.75 2.41 -3.15	26.17 2.19 -0.72	25.91 2.07 -0.02	25.02 1.57 0.00
ASTORIA___4 23517	26.11 1.71 0.00	25.36 1.57 0.00	24.40 1.45 0.00	25.16 1.38 0.00	26.83 1.54 0.00	29.24 1.55 0.00	37.85 2.71 0.00	42.27 2.85 -7.00	34.39 2.77 -2.51	30.49 2.60 -1.42	28.04 2.41 -0.02	26.28 2.16 -1.57	26.43 1.91 -3.74	26.13 1.75 -4.08	25.33 1.68 -3.38	26.46 1.89 -3.74	28.52 2.21 -2.58	35.47 3.05 -0.02	40.04 3.33 -0.10	36.32 2.87 -2.56	31.78 2.44 -3.15	26.19 2.21 -0.72	25.91 2.07 -0.02	25.02 1.57 0.00
ASTORIA___5 23518	26.17 1.76 -0.01	25.36 1.57 0.00	24.40 1.45 0.00	25.16 1.38 0.00	26.83 1.54 0.00	29.24 1.55 0.00	37.85 2.71 0.00	42.28 2.85 -7.00	34.39 2.77 -2.51	30.49 2.60 -1.42	28.04 2.41 -0.02	26.28 2.16 -1.57	26.43 1.91 -3.74	26.13 1.75 -4.08	25.33 1.68 -3.38	26.46 1.89 -3.74	28.52 2.21 -2.58	35.47 3.05 -0.02	40.08 3.37 -0.10	36.32 2.87 -2.56	31.75 2.41 -3.15	26.17 2.19 -0.72	25.91 2.07 -0.02	25.02 1.57 0.00
AST_ENERGY_2_CC3 323677	26.04 1.64 0.00	25.26 1.48 0.00	24.31 1.35 0.00	25.08 1.31 0.00	26.73 1.44 0.00	29.27 1.58 0.00	37.85 2.71 0.00	42.21 2.79 -7.00	34.30 2.68 -2.51	30.38 2.49 -1.41	27.96 2.33 -0.02	26.19 2.10 -1.55	26.31 1.83 -3.70	26.01 1.67 -4.04	25.24 1.62 -3.35	26.34 1.81 -3.70	28.38 2.09 -2.56	35.34 2.92 -0.02	39.93 3.22 -0.10	36.23 2.78 -2.56	31.67 2.33 -3.15	26.05 2.07 -0.72	25.79 1.95 -0.02	24.97 1.52 0.00
AST_ENERGY_2_CC4 323678	26.04 1.64 0.00	25.26 1.48 0.00	24.31 1.35 0.00	25.08 1.31 0.00	26.73 1.44 0.00	29.27 1.58 0.00	37.85 2.71 0.00	42.21 2.79 -7.00	34.30 2.68 -2.51	30.38 2.49 -1.41	27.96 2.33 -0.02	26.19 2.10 -1.55	26.31 1.83 -3.70	26.01 1.67 -4.04	25.24 1.62 -3.35	26.34 1.81 -3.70	28.38 2.09 -2.56	35.34 2.92 -0.02	39.93 3.22 -0.10	36.23 2.78 -2.56	31.67 2.33 -3.15	26.05 2.07 -0.72	25.79 1.95 -0.02	24.97 1.52 0.00



ATHENS_STG_1 23668	25.41 1.00 0.00	24.69 0.90 0.00	23.83 0.87 0.00	24.63 0.85 0.00	26.22 0.94 0.00	28.75 1.05 0.00	36.86 1.72 0.00	41.90 1.72 -7.75	33.51 1.63 -2.77	28.78 1.48 -0.81	27.02 1.41 0.00	23.78 1.24 0.00	21.86 1.08 0.00	21.28 0.97 0.00	21.20 0.93 0.00	21.90 1.08 0.00	24.99 1.26 0.00	34.15 1.75 0.00	38.64 1.94 -0.09	35.35 1.64 -2.82	31.05 1.39 -3.47	25.25 1.23 -0.76	24.97 1.14 0.00	24.36 0.91 0.00
ATHENS_STG_2 23670	25.41 1.00 0.00	24.69 0.90 0.00	23.83 0.87 0.00	24.63 0.85 0.00	26.22 0.94 0.00	28.75 1.05 0.00	36.86 1.72 0.00	41.90 1.72 -7.75	33.51 1.63 -2.77	28.78 1.48 -0.81	27.02 1.41 0.00	23.78 1.24 0.00	21.86 1.08 0.00	21.28 0.97 0.00	21.20 0.93 0.00	21.90 1.08 0.00	24.99 1.26 0.00	34.15 1.75 0.00	38.64 1.94 -0.09	35.35 1.64 -2.82	31.05 1.39 -3.47	25.25 1.23 -0.76	24.97 1.14 0.00	24.36 0.91 0.00
ATHENS_STG_3 23677	25.41 1.00 0.00	24.69 0.90 0.00	23.83 0.87 0.00	24.63 0.85 0.00	26.22 0.94 0.00	28.75 1.05 0.00	36.86 1.72 0.00	41.90 1.72 -7.75	33.51 1.63 -2.77	28.78 1.48 -0.81	27.02 1.41 0.00	23.78 1.24 0.00	21.86 1.08 0.00	21.28 0.97 0.00	21.20 0.93 0.00	21.90 1.08 0.00	24.99 1.26 0.00	34.15 1.75 0.00	38.64 1.94 -0.09	35.35 1.64 -2.82	31.05 1.39 -3.47	25.25 1.23 -0.76	24.97 1.14 0.00	24.36 0.91 0.00
AUBURN___LFGE 323710	24.04 -0.37 0.00	23.45 -0.33 0.00	22.63 -0.32 0.00	23.47 -0.31 0.00	24.98 -0.30 0.00	27.53 -0.17 0.00	35.07 -0.07 0.00	33.74 0.29 -1.03	29.74 0.26 -0.37	26.78 0.19 -0.11	25.79 0.18 0.00	22.65 0.11 0.00	20.82 0.04 0.00	20.22 -0.08 0.00	20.14 -0.12 0.00	20.80 -0.02 0.00	23.78 0.05 0.00	32.53 0.10 -0.03	36.71 0.07 -0.03	31.29 0.03 -0.37	26.73 0.08 -0.46	23.23 -0.14 -0.10	23.49 -0.33 0.00	22.98 -0.47 0.00
BABYLON_RES_REC 323704	29.64 2.20 -3.03	27.79 2.05 -1.96	24.88 1.93 0.00	25.68 1.90 0.00	27.72 2.10 -0.33	31.57 2.33 -1.55	40.65 3.62 -1.89	42.99 3.57 -7.00	40.65 3.38 -8.17	34.92 3.07 -5.37	31.27 2.89 -2.76	28.54 2.55 -3.45	27.42 2.27 -4.38	26.95 2.07 -4.57	28.70 2.05 -6.39	32.95 2.27 -9.86	34.98 2.66 -8.59	41.77 3.69 -5.67	49.08 4.10 -8.37	41.96 3.52 -7.55	38.06 2.93 -8.93	36.37 2.58 -10.52	31.92 2.48 -5.62	28.74 2.06 -3.23
BABYLON__69_KV_BK2 356345	29.83 2.39 -3.03	28.05 2.31 -1.96	25.14 2.18 0.00	25.94 2.16 0.00	28.00 2.38 -0.33	31.88 2.63 -1.55	41.07 4.04 -1.89	43.38 3.96 -7.01	41.00 3.73 -8.17	35.22 3.36 -5.37	31.56 3.18 -2.76	28.79 2.80 -3.45	27.62 2.47 -4.37	27.15 2.27 -4.57	28.90 2.25 -6.39	33.18 2.50 -9.86	35.24 2.92 -8.59	42.81 4.05 -6.36	50.04 4.47 -8.97	43.04 3.86 -8.29	39.02 3.25 -9.58	36.61 2.82 -10.53	32.19 2.74 -5.62	29.00 2.32 -3.23
BALL_HILL_WT_PWR 323825	22.65 -1.76 0.00	22.29 -1.50 0.00	21.60 -1.35 0.00	22.30 -1.47 0.00	23.64 -1.64 0.00	26.22 -1.47 0.00	33.10 -2.04 0.00	31.72 -1.91 -1.21	27.77 -1.78 -0.43	25.07 -1.54 -0.13	24.59 -1.03 0.00	21.96 -0.59 0.00	20.17 -0.60 0.00	19.45 -0.85 0.00	19.23 -1.03 0.00	19.97 -0.85 0.00	22.52 -1.21 0.00	30.36 -2.04 0.01	33.55 -3.08 -0.01	28.67 -2.66 -0.44	24.40 -2.33 -0.54	21.41 -1.98 -0.12	21.77 -2.05 0.00	21.31 -2.13 0.00
BARON_WINDS___WT_PWR 323822	24.28 -0.12 0.00	23.76 -0.02 0.00	23.00 0.05 0.00	23.83 0.05 0.00	25.39 0.10 0.00	28.05 0.36 0.00	35.85 0.70 0.00	34.93 0.61 -1.89	30.34 0.55 -0.68	27.13 0.45 -0.20	26.38 0.77 0.00	23.28 0.74 0.00	21.38 0.60 0.00	20.69 0.38 0.00	20.57 0.30 0.00	21.32 0.50 0.00	24.37 0.64 0.00	33.27 0.84 -0.02	37.16 0.51 -0.04	31.76 0.19 -0.69	27.07 0.03 -0.85	23.38 -0.07 -0.18	23.61 -0.21 0.00	23.09 -0.35 0.00
BARRETT_IC_1 23704	29.42 1.98 -3.04	27.61 1.86 -1.97	24.71 1.74 -0.01	25.50 1.71 -0.01	27.50 1.87 -0.34	31.33 2.08 -1.56	40.12 3.09 -1.89	42.50 3.08 -7.00	40.22 2.94 -8.17	34.63 2.78 -5.37	30.99 2.61 -2.76	28.36 2.37 -3.45	27.28 2.12 -4.38	26.82 1.93 -4.58	28.50 1.84 -6.39	32.68 2.00 -9.86	34.60 2.28 -8.59	40.71 3.14 -5.16	47.98 3.44 -7.93	40.88 3.00 -6.99	37.35 2.57 -8.59	36.04 2.26 -10.52	31.61 2.17 -5.62	28.48 1.81 -3.23
BARRETT_IC_10 23701	29.42 1.98 -3.04	27.61 1.86 -1.97	24.71 1.74 -0.01	25.50 1.71 -0.01	27.50 1.87 -0.34	31.33 2.08 -1.56	40.12 3.09 -1.89	42.50 3.08 -7.00	40.22 2.94 -8.17	34.63 2.78 -5.37	30.99 2.61 -2.76	28.36 2.37 -3.45	27.28 2.12 -4.38	26.82 1.93 -4.58	28.50 1.84 -6.39	32.68 2.00 -9.86	34.60 2.28 -8.59	40.71 3.14 -5.16	47.98 3.44 -7.93	40.88 3.00 -6.99	37.35 2.57 -8.59	36.04 2.26 -10.52	31.61 2.17 -5.62	28.48 1.81 -3.23
BARRETT_IC_11 23702	29.42 1.98 -3.04	27.61 1.86 -1.97	24.71 1.74 -0.01	25.50 1.71 -0.01	27.50 1.87 -0.34	31.33 2.08 -1.56	40.12 3.09 -1.89	42.50 3.08 -7.00	40.22 2.94 -8.17	34.63 2.78 -5.37	30.99 2.61 -2.76	28.36 2.37 -3.45	27.28 2.12 -4.38	26.82 1.93 -4.58	28.50 1.84 -6.39	32.68 2.00 -9.86	34.60 2.28 -8.59	40.71 3.14 -5.16	47.98 3.44 -7.93	40.88 3.00 -6.99	37.35 2.57 -8.59	36.04 2.26 -10.52	31.61 2.17 -5.62	28.48 1.81 -3.23
BARRETT_IC_12 23703	29.42 1.98 -3.04	27.61 1.86 -1.97	24.71 1.74 -0.01	25.50 1.71 -0.01	27.50 1.87 -0.34	31.33 2.08 -1.56	40.12 3.09 -1.89	42.50 3.08 -7.00	40.22 2.94 -8.17	34.63 2.78 -5.37	30.99 2.61 -2.76	28.36 2.37 -3.45	27.28 2.12 -4.38	26.82 1.93 -4.58	28.50 1.84 -6.39	32.68 2.00 -9.86	34.60 2.28 -8.59	40.71 3.14 -5.16	47.98 3.44 -7.93	40.88 3.00 -6.99	37.35 2.57 -8.59	36.04 2.26 -10.52	31.61 2.17 -5.62	28.48 1.81 -3.23
BARRETT_IC_2 23705	29.42 1.98 -3.04	27.61 1.86 -1.97	24.71 1.74 -0.01	25.50 1.71 -0.01	27.50 1.87 -0.34	31.33 2.08 -1.56	40.12 3.09 -1.89	42.50 3.08 -7.00	40.22 2.94 -8.17	34.63 2.78 -5.37	30.99 2.61 -2.76	28.36 2.37 -3.45	27.28 2.12 -4.38	26.82 1.93 -4.58	28.50 1.84 -6.39	32.68 2.00 -9.86	34.60 2.28 -8.59	40.71 3.14 -5.16	47.98 3.44 -7.93	40.88 3.00 -6.99	37.35 2.57 -8.59	36.04 2.26 -10.52	31.61 2.17 -5.62	28.48 1.81 -3.23
BARRETT_IC_3 23706	29.42 1.98 -3.04	27.61 1.86 -1.97	24.71 1.74 -0.01	25.50 1.71 -0.01	27.50 1.87 -0.34	31.33 2.08 -1.56	40.12 3.09 -1.89	42.50 3.08 -7.00	40.22 2.94 -8.17	34.63 2.78 -5.37	30.99 2.61 -2.76	28.36 2.37 -3.45	27.28 2.12 -4.38	26.82 1.93 -4.58	28.50 1.84 -6.39	32.68 2.00 -9.86	34.60 2.28 -8.59	40.71 3.14 -5.16	47.98 3.44 -7.93	40.88 3.00 -6.99	37.35 2.57 -8.59	36.04 2.26 -10.52	31.61 2.17 -5.62	28.48 1.81 -3.23
BARRETT_IC_4 23707	29.42 1.98 -3.04	27.61 1.86 -1.97	24.71 1.74 -0.01	25.50 1.71 -0.01	27.50 1.87 -0.34	31.33 2.08 -1.56	40.12 3.09 -1.89	42.50 3.08 -7.00	40.22 2.94 -8.17	34.63 2.78 -5.37	30.99 2.61 -2.76	28.36 2.37 -3.45	27.28 2.12 -4.38	26.82 1.93 -4.58	28.50 1.84 -6.39	32.68 2.00 -9.86	34.60 2.28 -8.59	40.71 3.14 -5.16	47.98 3.44 -7.93	40.88 3.00 -6.99	37.35 2.57 -8.59	36.04 2.26 -10.52	31.61 2.17 -5.62	28.48 1.81 -3.23



BARRETT_IC_5 23708	29.42 1.98 -3.04	27.61 1.86 -1.97	24.71 1.74 -0.01	25.50 1.71 -0.01	27.50 1.87 -0.34	31.33 2.08 -1.56	40.12 3.09 -1.89	42.50 3.08 -7.00	40.22 2.94 -8.17	34.63 2.78 -5.37	30.99 2.61 -2.76	28.36 2.37 -3.45	27.28 2.12 -4.38	26.82 1.93 -4.58	28.50 1.84 -6.39	32.68 2.00 -9.86	34.60 2.28 -8.59	40.71 3.14 -5.16	47.98 3.44 -7.93	40.88 3.00 -6.99	37.35 2.57 -8.59	36.04 2.26 -10.52	31.61 2.17 -5.62	28.48 1.81 -3.23
BARRETT_IC_6 23709	29.42 1.98 -3.04	27.61 1.86 -1.97	24.71 1.74 -0.01	25.50 1.71 -0.01	27.50 1.87 -0.34	31.33 2.08 -1.56	40.12 3.09 -1.89	42.50 3.08 -7.00	40.22 2.94 -8.17	34.63 2.78 -5.37	30.99 2.61 -2.76	28.36 2.37 -3.45	27.28 2.12 -4.38	26.82 1.93 -4.58	28.50 1.84 -6.39	32.68 2.00 -9.86	34.60 2.28 -8.59	40.71 3.14 -5.16	47.98 3.44 -7.93	40.88 3.00 -6.99	37.35 2.57 -8.59	36.04 2.26 -10.52	31.61 2.17 -5.62	28.48 1.81 -3.23
BARRETT_IC_7 23710	29.37 1.93 -3.03	27.60 1.86 -1.96	24.70 1.74 0.00	25.49 1.71 0.00	27.49 1.87 -0.33	31.32 2.08 -1.55	40.12 3.09 -1.89	42.50 3.08 -6.99	40.22 2.94 -8.17	34.63 2.78 -5.37	30.99 2.61 -2.76	28.36 2.37 -3.45	27.27 2.12 -4.37	26.81 1.93 -4.57	28.50 1.84 -6.39	32.68 2.00 -9.86	34.60 2.28 -8.59	40.71 3.14 -5.16	47.94 3.40 -7.93	40.88 3.00 -6.99	37.37 2.59 -8.59	36.04 2.26 -10.52	31.61 2.17 -5.62	28.48 1.81 -3.23
BARRETT_IC_8 23711	29.42 1.98 -3.04	27.61 1.86 -1.97	24.71 1.74 -0.01	25.50 1.71 -0.01	27.50 1.87 -0.34	31.33 2.08 -1.56	40.12 3.09 -1.89	42.50 3.08 -7.00	40.22 2.94 -8.17	34.63 2.78 -5.37	30.99 2.61 -2.76	28.36 2.37 -3.45	27.28 2.12 -4.38	26.82 1.93 -4.58	28.50 1.84 -6.39	32.68 2.00 -9.86	34.60 2.28 -8.59	40.71 3.14 -5.16	47.98 3.44 -7.93	40.88 3.00 -6.99	37.35 2.57 -8.59	36.04 2.26 -10.52	31.61 2.17 -5.62	28.48 1.81 -3.23
BARRETT_IC_9 23700	29.42 1.98 -3.04	27.61 1.86 -1.97	24.71 1.74 -0.01	25.50 1.71 -0.01	27.50 1.87 -0.34	31.33 2.08 -1.56	40.12 3.09 -1.89	42.50 3.08 -7.00	40.22 2.94 -8.17	34.63 2.78 -5.37	30.99 2.61 -2.76	28.36 2.37 -3.45	27.28 2.12 -4.38	26.82 1.93 -4.58	28.50 1.84 -6.39	32.68 2.00 -9.86	34.60 2.28 -8.59	40.71 3.14 -5.16	47.98 3.44 -7.93	40.88 3.00 -6.99	37.35 2.57 -8.59	36.04 2.26 -10.52	31.61 2.17 -5.62	28.48 1.81 -3.23
BARRETT___1 23545	29.42 1.98 -3.04	27.61 1.86 -1.97	24.71 1.74 -0.01	25.50 1.71 -0.01	27.50 1.87 -0.34	31.33 2.08 -1.56	40.12 3.09 -1.89	42.50 3.08 -7.00	40.22 2.94 -8.17	34.63 2.78 -5.37	30.99 2.61 -2.76	28.36 2.37 -3.45	27.28 2.12 -4.38	26.82 1.93 -4.58	28.50 1.84 -6.39	32.68 2.00 -9.86	34.60 2.28 -8.59	40.71 3.14 -5.16	47.98 3.44 -7.93	40.88 3.00 -6.99	37.35 2.57 -8.59	36.04 2.26 -10.52	31.61 2.17 -5.62	28.48 1.81 -3.23
BARRETT___2 23546	29.42 1.98 -3.04	27.61 1.86 -1.97	24.71 1.74 -0.01	25.50 1.71 -0.01	27.50 1.87 -0.34	31.33 2.08 -1.56	40.12 3.09 -1.89	42.50 3.08 -7.00	40.22 2.94 -8.17	34.63 2.78 -5.37	30.99 2.61 -2.76	28.36 2.37 -3.45	27.28 2.12 -4.38	26.82 1.93 -4.58	28.50 1.84 -6.39	32.68 2.00 -9.86	34.60 2.28 -8.59	40.71 3.14 -5.16	47.98 3.44 -7.93	40.88 3.00 -6.99	37.35 2.57 -8.59	36.04 2.26 -10.52	31.61 2.17 -5.62	28.48 1.81 -3.23
BATAVIA__115KV_TB1 55881	22.77 -1.64 0.00	22.34 -1.45 0.00	21.62 -1.33 0.00	22.37 -1.40 0.00	23.67 -1.62 0.00	26.23 -1.47 0.00	33.10 -2.04 0.00	32.22 -1.26 -1.06	28.30 -1.19 -0.38	25.51 -1.09 -0.11	24.54 -1.08 0.00	21.82 -0.72 0.00	20.01 -0.77 0.00	19.35 -0.95 0.00	19.17 -1.09 0.00	19.88 -0.94 0.00	22.52 -1.21 0.00	30.54 -1.85 0.01	34.09 -2.53 0.00	29.39 -1.88 -0.38	25.38 -1.28 -0.47	21.83 -1.54 -0.10	22.01 -1.81 0.00	21.43 -2.02 0.00
BAYONEEC___CTG1 323682	26.04 1.64 0.00	25.26 1.48 0.00	24.33 1.38 0.00	25.11 1.33 0.00	26.75 1.47 0.00	29.30 1.61 0.00	37.89 2.74 0.00	42.28 2.85 -7.00	34.36 2.74 -2.51	30.43 2.54 -1.41	28.01 2.38 -0.02	26.21 2.12 -1.55	26.35 1.87 -3.70	26.03 1.68 -4.04	25.26 1.64 -3.35	26.36 1.83 -3.70	28.42 2.14 -2.56	35.40 2.98 -0.02	40.01 3.30 -0.10	36.29 2.84 -2.56	31.72 2.38 -3.15	26.10 2.12 -0.72	25.81 1.98 -0.02	24.97 1.52 0.00
BAYONEEC___CTG10 323750	26.04 1.64 0.00	25.26 1.48 0.00	24.33 1.38 0.00	25.11 1.33 0.00	26.75 1.47 0.00	29.30 1.61 0.00	37.89 2.74 0.00	42.28 2.85 -7.00	34.36 2.74 -2.51	30.43 2.54 -1.41	28.01 2.38 -0.02	26.21 2.12 -1.55	26.35 1.87 -3.70	26.03 1.68 -4.04	25.26 1.64 -3.35	26.36 1.83 -3.70	28.42 2.14 -2.56	35.40 2.98 -0.02	40.01 3.30 -0.10	36.29 2.84 -2.56	31.72 2.38 -3.15	26.10 2.12 -0.72	25.81 1.98 -0.02	24.97 1.52 0.00
BAYONEEC___CTG2 323683	26.04 1.64 0.00	25.26 1.48 0.00	24.33 1.38 0.00	25.11 1.33 0.00	26.75 1.47 0.00	29.30 1.61 0.00	37.89 2.74 0.00	42.28 2.85 -7.00	34.36 2.74 -2.51	30.43 2.54 -1.41	28.01 2.38 -0.02	26.21 2.12 -1.55	26.35 1.87 -3.70	26.03 1.68 -4.04	25.26 1.64 -3.35	26.36 1.83 -3.70	28.42 2.14 -2.56	35.40 2.98 -0.02	40.01 3.30 -0.10	36.29 2.84 -2.56	31.72 2.38 -3.15	26.10 2.12 -0.72	25.81 1.98 -0.02	24.97 1.52 0.00
BAYONEEC___CTG3 323684	26.04 1.64 0.00	25.26 1.48 0.00	24.33 1.38 0.00	25.11 1.33 0.00	26.75 1.47 0.00	29.30 1.61 0.00	37.89 2.74 0.00	42.28 2.85 -7.00	34.36 2.74 -2.51	30.43 2.54 -1.41	28.01 2.38 -0.02	26.21 2.12 -1.55	26.35 1.87 -3.70	26.03 1.68 -4.04	25.26 1.64 -3.35	26.36 1.83 -3.70	28.42 2.14 -2.56	35.40 2.98 -0.02	40.01 3.30 -0.10	36.29 2.84 -2.56	31.72 2.38 -3.15	26.10 2.12 -0.72	25.81 1.98 -0.02	24.97 1.52 0.00
BAYONEEC___CTG4 323685	26.04 1.64 0.00	25.26 1.48 0.00	24.33 1.38 0.00	25.11 1.33 0.00	26.75 1.47 0.00	29.30 1.61 0.00	37.89 2.74 0.00	42.28 2.85 -7.00	34.36 2.74 -2.51	30.43 2.54 -1.41	28.01 2.38 -0.02	26.21 2.12 -1.55	26.35 1.87 -3.70	26.03 1.68 -4.04	25.26 1.64 -3.35	26.36 1.83 -3.70	28.42 2.14 -2.56	35.40 2.98 -0.02	40.01 3.30 -0.10	36.29 2.84 -2.56	31.72 2.38 -3.15	26.10 2.12 -0.72	25.81 1.98 -0.02	24.97 1.52 0.00
BAYONEEC___CTG5 323686	26.04 1.64 0.00	25.26 1.48 0.00	24.33 1.38 0.00	25.11 1.33 0.00	26.75 1.47 0.00	29.30 1.61 0.00	37.89 2.74 0.00	42.28 2.85 -7.00	34.36 2.74 -2.51	30.43 2.54 -1.41	28.01 2.38 -0.02	26.21 2.12 -1.55	26.35 1.87 -3.70	26.03 1.68 -4.04	25.26 1.64 -3.35	26.36 1.83 -3.70	28.42 2.14 -2.56	35.40 2.98 -0.02	40.01 3.30 -0.10	36.29 2.84 -2.56	31.72 2.38 -3.15	26.10 2.12 -0.72	25.81 1.98 -0.02	24.97 1.52 0.00
BAYONEEC___CTG6 323687	26.04 1.64 0.00	25.26 1.48 0.00	24.33 1.38 0.00	25.11 1.33 0.00	26.75 1.47 0.00	29.30 1.61 0.00	37.89 2.74 0.00	42.28 2.85 -7.00	34.36 2.74 -2.51	30.43 2.54 -1.41	28.01 2.38 -0.02	26.21 2.12 -1.55	26.35 1.87 -3.70	26.03 1.68 -4.04	25.26 1.64 -3.35	26.36 1.83 -3.70	28.42 2.14 -2.56	35.40 2.98 -0.02	40.01 3.30 -0.10	36.29 2.84 -2.56	31.72 2.38 -3.15	26.10 2.12 -0.72	25.81 1.98 -0.02	24.97 1.52 0.00



BAYONEEC___CTG7 323688	26.04 1.64 0.00	25.26 1.48 0.00	24.33 1.38 0.00	25.11 1.33 0.00	26.75 1.47 0.00	29.30 1.61 0.00	37.89 2.74 0.00	42.28 2.85 -7.00	34.36 2.74 -2.51	30.43 2.54 -1.41	28.01 2.38 -0.02	26.21 2.12 -1.55	26.35 1.87 -3.70	26.03 1.68 -4.04	25.26 1.64 -3.35	26.36 1.83 -3.70	28.42 2.14 -2.56	35.40 2.98 -0.02	40.01 3.30 -0.10	36.29 2.84 -2.56	31.72 2.38 -3.15	26.10 2.12 -0.72	25.81 1.98 -0.02	24.97 1.52 0.00
BAYONEEC___CTG8 323689	26.04 1.64 0.00	25.26 1.48 0.00	24.33 1.38 0.00	25.11 1.33 0.00	26.75 1.47 0.00	29.30 1.61 0.00	37.89 2.74 0.00	42.28 2.85 -7.00	34.36 2.74 -2.51	30.43 2.54 -1.41	28.01 2.38 -0.02	26.21 2.12 -1.55	26.35 1.87 -3.70	26.03 1.68 -4.04	25.26 1.64 -3.35	26.36 1.83 -3.70	28.42 2.14 -2.56	35.40 2.98 -0.02	40.01 3.30 -0.10	36.29 2.84 -2.56	31.72 2.38 -3.15	26.10 2.12 -0.72	25.81 1.98 -0.02	24.97 1.52 0.00
BAYONEEC___CTG9 323749	26.04 1.64 0.00	25.26 1.48 0.00	24.33 1.38 0.00	25.11 1.33 0.00	26.75 1.47 0.00	29.30 1.61 0.00	37.89 2.74 0.00	42.28 2.85 -7.00	34.36 2.74 -2.51	30.43 2.54 -1.41	28.01 2.38 -0.02	26.21 2.12 -1.55	26.35 1.87 -3.70	26.03 1.68 -4.04	25.26 1.64 -3.35	26.36 1.83 -3.70	28.42 2.14 -2.56	35.40 2.98 -0.02	40.01 3.30 -0.10	36.29 2.84 -2.56	31.72 2.38 -3.15	26.10 2.12 -0.72	25.81 1.98 -0.02	24.97 1.52 0.00
BEACON___LESR 323632	25.50 1.10 0.00	24.79 1.00 0.00	23.94 0.99 0.00	24.78 1.00 0.00	26.35 1.06 0.00	28.91 1.22 0.00	37.00 1.86 0.00	42.80 1.78 -8.59	33.75 1.57 -3.07	28.76 1.38 -0.90	27.02 1.41 0.00	23.80 1.26 0.00	21.86 1.08 0.00	21.30 0.99 0.00	21.22 0.95 0.00	21.94 1.12 0.00	25.01 1.28 0.00	34.19 1.78 0.00	38.76 2.05 -0.10	35.68 1.67 -3.13	31.40 1.36 -3.85	25.36 1.26 -0.84	25.01 1.19 0.00	24.55 1.10 0.00
BEAVER RIVER___HYD 24048	23.70 -0.71 0.00	23.17 -0.62 0.00	22.43 -0.53 0.00	23.35 -0.43 0.00	25.06 -0.23 0.00	27.61 -0.08 0.00	35.07 -0.07 0.00	32.68 -0.03 -0.29	29.16 -0.06 -0.10	26.33 -0.18 -0.03	25.46 -0.15 0.00	22.25 -0.29 0.00	20.42 -0.35 0.00	19.96 -0.35 0.00	19.94 -0.33 0.00	20.53 -0.29 0.00	23.61 -0.12 0.00	32.50 0.10 0.00	36.91 0.29 0.00	31.06 0.06 -0.11	26.01 -0.31 -0.13	22.80 -0.49 -0.03	23.30 -0.52 0.00	22.95 -0.49 0.00
BEEBEE_GT_13 23619	22.97 -1.44 0.00	22.48 -1.31 0.00	21.74 -1.22 0.00	22.52 -1.26 0.00	23.84 -1.44 0.00	26.34 -1.36 0.00	33.35 -1.79 0.00	32.51 -0.88 -0.96	28.64 -0.82 -0.34	25.84 -0.74 -0.10	24.69 -0.92 0.00	21.86 -0.68 0.00	20.07 -0.71 0.00	19.47 -0.83 0.00	19.35 -0.91 0.00	20.01 -0.81 0.00	22.69 -1.04 0.00	30.90 -1.49 0.02	34.78 -1.83 0.00	29.94 -1.30 -0.35	25.73 -0.89 -0.43	22.29 -1.07 -0.09	22.35 -1.48 0.00	21.78 -1.66 0.00
BENSHRST_27_KV_BENSHRST_1 355998	26.33 1.93 0.00	25.57 1.78 0.00	24.59 1.63 0.00	25.37 1.59 0.00	27.06 1.77 0.00	29.49 1.80 0.00	38.24 3.09 0.00	42.63 3.21 -7.00	34.71 3.09 -2.51	30.73 2.83 -1.42	28.30 2.66 -0.02	26.48 2.37 -1.57	26.63 2.12 -3.74	26.31 1.93 -4.08	25.53 1.88 -3.38	26.66 2.10 -3.74	28.76 2.44 -2.58	35.82 3.40 -0.02	131.20 3.77 -90.81	36.69 3.24 -2.56	32.06 2.72 -3.15	26.42 2.44 -0.72	26.15 2.31 -0.02	25.23 1.78 0.00
BETHLEHEM___GRP 23843	25.06 0.66 0.00	24.43 0.64 0.00	23.60 0.64 0.00	24.40 0.62 0.00	25.92 0.63 0.00	28.41 0.72 0.00	36.34 1.19 0.00	42.21 1.17 -8.62	33.26 1.08 -3.08	28.37 0.98 -0.90	26.59 0.97 0.00	23.49 0.95 0.00	21.61 0.83 0.00	21.06 0.75 0.00	20.97 0.71 0.00	21.67 0.85 0.00	24.66 0.93 0.00	33.64 1.23 0.00	38.11 1.39 -0.10	35.14 1.11 -3.14	30.99 0.94 -3.86	24.99 0.88 -0.84	24.66 0.83 0.00	24.26 0.82 0.00
BETHLEHEM___GS1 323560	25.09 0.68 0.00	24.43 0.64 0.00	23.60 0.64 0.00	24.39 0.62 0.00	25.92 0.63 0.00	28.41 0.72 0.00	36.34 1.20 0.00	42.19 1.17 -8.60	33.26 1.08 -3.07	28.37 0.98 -0.90	26.59 0.97 0.00	23.49 0.95 0.00	21.61 0.83 0.00	21.06 0.75 0.00	20.97 0.71 0.00	21.68 0.85 0.00	24.66 0.92 0.00	33.64 1.23 0.00	38.11 1.39 -0.10	35.13 1.11 -3.13	30.96 0.92 -3.85	25.01 0.91 -0.84	24.66 0.83 0.00	24.26 0.82 0.00
BETHLEHEM___GS2 323561	25.09 0.68 0.00	24.43 0.64 0.00	23.60 0.64 0.00	24.39 0.62 0.00	25.92 0.63 0.00	28.41 0.72 0.00	36.34 1.20 0.00	42.19 1.17 -8.60	33.26 1.08 -3.07	28.37 0.98 -0.90	26.59 0.97 0.00	23.49 0.95 0.00	21.61 0.83 0.00	21.06 0.75 0.00	20.97 0.71 0.00	21.68 0.85 0.00	24.66 0.92 0.00	33.64 1.23 0.00	38.11 1.39 -0.10	35.13 1.11 -3.13	30.96 0.92 -3.85	25.01 0.91 -0.84	24.66 0.83 0.00	24.26 0.82 0.00
BETHLEHEM___GS3 323562	25.09 0.68 0.00	24.43 0.64 0.00	23.60 0.64 0.00	24.39 0.62 0.00	25.92 0.63 0.00	28.41 0.72 0.00	36.34 1.20 0.00	42.19 1.17 -8.60	33.26 1.08 -3.07	28.37 0.98 -0.90	26.59 0.97 0.00	23.49 0.95 0.00	21.61 0.83 0.00	21.06 0.75 0.00	20.97 0.71 0.00	21.68 0.85 0.00	24.66 0.92 0.00	33.64 1.23 0.00	38.11 1.39 -0.10	35.13 1.11 -3.13	30.96 0.92 -3.85	25.01 0.91 -0.84	24.66 0.83 0.00	24.26 0.82 0.00
BETHLEHEM___STEEL 23779	22.57 -1.83 0.00	22.22 -1.57 0.00	21.51 -1.45 0.00	22.23 -1.55 0.00	23.52 -1.77 0.00	26.06 -1.63 0.00	32.75 -2.39 0.00	31.39 -2.20 -1.17	27.52 -2.01 -0.42	24.86 -1.75 -0.12	24.36 -1.26 0.00	21.75 -0.79 0.00	19.99 -0.79 0.00	19.27 -1.04 0.00	19.07 -1.20 0.00	19.78 -1.04 0.00	22.31 -1.42 0.00	30.06 -2.33 0.01	33.07 -3.55 -0.01	28.47 -2.84 -0.43	24.72 -1.99 -0.52	21.19 -2.19 -0.11	21.70 -2.12 0.00	21.22 -2.23 0.00
BETHLHEM_115KV_TB1 79974	25.09 0.68 0.00	24.45 0.67 0.00	23.62 0.67 0.00	24.42 0.64 0.00	25.94 0.66 0.00	28.44 0.75 0.00	36.37 1.23 0.00	42.27 1.23 -8.61	33.29 1.11 -3.07	28.39 1.01 -0.90	26.61 1.00 0.00	23.51 0.97 0.00	21.63 0.85 0.00	21.08 0.77 0.00	20.99 0.73 0.00	21.70 0.87 0.00	24.68 0.95 0.00	33.67 1.26 0.00	38.14 1.43 -0.10	35.17 1.14 -3.14	31.02 0.97 -3.86	24.99 0.88 -0.84	24.68 0.86 0.00	24.29 0.84 0.00
BETHPAGE_CC_5 323564	29.54 2.10 -3.03	27.72 1.97 -1.96	24.79 1.84 0.00	25.58 1.81 0.00	27.62 2.00 -0.34	31.41 2.16 -1.55	40.44 3.41 -1.89	42.79 3.37 -7.00	40.48 3.20 -8.17	34.79 2.94 -5.37	31.15 2.77 -2.76	28.50 2.50 -3.45	27.35 2.20 -4.38	26.91 2.03 -4.57	28.64 1.99 -6.39	32.84 2.17 -9.86	34.83 2.51 -8.59	41.25 3.50 -5.35	48.58 3.88 -8.09	41.42 3.34 -7.19	37.62 2.80 -8.63	36.25 2.46 -10.52	31.83 2.38 -5.62	28.62 1.94 -3.23
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	22.67 -1.73 0.00	22.31 -1.47 0.00	21.60 -1.35 0.00	22.33 -1.45 0.00	23.62 -1.67 0.00	26.20 -1.50 0.00	33.00 -2.14 0.00	31.40 -2.20 -1.18	27.53 -2.01 -0.42	24.83 -1.77 -0.12	24.51 -1.10 0.00	21.89 -0.65 0.00	20.11 -0.66 0.00	19.39 -0.91 0.00	19.19 -1.07 0.00	19.91 -0.92 0.00	22.47 -1.26 0.00	30.26 -2.14 0.01	33.14 -3.48 -0.01	28.48 -2.84 -0.43	24.71 -2.02 -0.53	21.17 -2.21 -0.12	21.82 -2.00 0.00	21.36 -2.09 0.00



BINGHAMTON___COGEN 23790	24.41 0.00 0.00	23.83 0.05 0.00	23.00 0.05 0.00	23.80 0.02 0.00	25.34 0.05 0.00	27.86 0.17 0.00	35.53 0.39 0.00	35.24 0.42 -2.40	30.35 0.38 -0.86	27.05 0.32 -0.25	26.08 0.46 0.00	22.95 0.41 0.00	21.11 0.33 0.00	20.47 0.16 0.00	20.39 0.12 0.00	21.07 0.25 0.00	24.04 0.31 0.00	32.87 0.45 -0.01	36.87 0.22 -0.04	31.92 0.15 -0.87	27.48 0.21 -1.07	23.50 0.00 -0.23	23.80 -0.02 0.00	23.30 -0.14 0.00
BIXINCNT_115KV_LOAD 355685	22.50 -1.90 0.00	22.22 -1.57 0.00	21.56 -1.40 0.00	22.30 -1.47 0.00	23.69 -1.59 0.00	26.45 -1.25 0.00	33.70 -1.44 0.00	31.58 -2.11 -1.26	27.67 -1.89 -0.45	25.05 -1.56 -0.13	25.13 -0.49 0.00	22.45 -0.09 0.00	20.63 -0.15 0.00	19.86 -0.45 0.00	19.62 -0.65 0.00	20.36 -0.46 0.00	23.04 -0.69 0.00	31.00 -1.39 0.01	33.66 -2.97 -0.01	28.63 -2.72 -0.46	24.71 -2.04 -0.57	21.11 -2.28 -0.12	21.92 -1.91 0.00	21.52 -1.92 0.00
BLACK RIVER___HYD 24047	23.80 -0.61 0.00	23.24 -0.55 0.00	22.50 -0.46 0.00	23.35 -0.43 0.00	25.03 -0.25 0.00	27.67 -0.03 0.00	35.18 0.04 0.00	32.98 0.13 -0.43	29.32 0.06 -0.15	26.42 -0.11 -0.04	25.51 -0.10 0.00	22.25 -0.29 0.00	20.40 -0.37 0.00	19.90 -0.41 0.00	19.88 -0.39 0.00	20.53 -0.29 0.00	23.66 -0.07 0.00	32.63 0.23 0.00	37.09 0.47 -0.01	31.20 0.16 -0.16	26.23 -0.16 -0.19	22.96 -0.35 -0.04	23.35 -0.48 0.00	22.91 -0.54 0.00
BLACKRVR_115KV_TB2 79977	23.82 -0.59 0.00	23.24 -0.55 0.00	22.50 -0.46 0.00	23.35 -0.43 0.00	25.03 -0.25 0.00	27.67 -0.03 0.00	35.18 0.04 0.00	32.99 0.13 -0.44	29.33 0.06 -0.16	26.42 -0.11 -0.05	25.51 -0.10 0.00	22.25 -0.29 0.00	20.40 -0.37 0.00	19.90 -0.41 0.00	19.88 -0.39 0.00	20.53 -0.29 0.00	23.66 -0.07 0.00	32.63 0.23 0.00	37.06 0.44 -0.01	31.20 0.15 -0.16	26.26 -0.13 -0.20	22.96 -0.35 -0.04	23.35 -0.48 0.00	22.91 -0.54 0.00
BLISS_WT_PWR 323608	22.33 -2.07 0.00	22.05 -1.74 0.00	21.42 -1.54 0.00	22.16 -1.62 0.00	23.59 -1.69 0.00	26.36 -1.33 0.00	33.67 -1.47 0.00	31.56 -2.14 -1.28	27.64 -1.92 -0.46	25.08 -1.54 -0.13	25.15 -0.46 0.00	22.47 -0.07 0.00	20.67 -0.10 0.00	19.90 -0.41 0.00	19.66 -0.61 0.00	20.40 -0.42 0.00	23.07 -0.66 0.00	31.04 -1.36 0.01	33.95 -2.67 -0.01	28.66 -2.69 -0.46	24.27 -2.49 -0.57	21.39 -2.00 -0.12	21.80 -2.03 0.00	21.43 -2.02 0.00
BLUESTONE___WT_PWR 323821	25.67 1.27 0.00	25.07 1.28 0.00	24.22 1.26 0.00	25.08 1.31 0.00	26.75 1.47 0.00	29.60 1.91 0.00	37.85 2.71 0.00	37.67 2.66 -2.59	32.42 2.39 -0.92	28.77 2.01 -0.27	27.69 2.07 0.00	24.17 1.62 0.00	22.11 1.33 0.00	21.42 1.12 0.00	21.38 1.11 0.00	22.15 1.33 0.00	25.51 1.78 0.00	35.14 2.72 -0.01	39.76 3.11 -0.04	34.18 2.35 -0.94	29.16 1.81 -1.16	24.98 1.47 -0.25	25.11 1.29 0.00	24.52 1.08 0.00
BLUE_CIRC_CHEM_DRP 24182	25.28 0.88 0.00	24.62 0.83 0.00	23.78 0.83 0.00	24.61 0.83 0.00	26.17 0.89 0.00	28.69 1.00 0.00	36.62 1.48 0.00	42.33 1.43 -8.48	33.39 1.25 -3.03	28.51 1.14 -0.89	26.74 1.13 0.00	23.53 0.99 0.00	21.65 0.87 0.00	21.10 0.79 0.00	21.01 0.75 0.00	21.72 0.90 0.00	24.75 1.02 0.00	33.83 1.43 0.00	38.32 1.61 -0.10	35.27 1.30 -3.09	31.11 1.13 -3.80	25.05 0.95 -0.83	24.75 0.93 0.00	24.29 0.84 0.00
BOC_GAS_DRP 24189	25.11 0.71 0.00	24.48 0.69 0.00	23.62 0.67 0.00	24.44 0.67 0.00	25.97 0.68 0.00	28.47 0.78 0.00	36.41 1.27 0.00	42.27 1.26 -8.58	33.34 1.16 -3.06	28.47 1.09 -0.90	26.64 1.02 0.00	23.49 0.95 0.00	21.61 0.83 0.00	21.03 0.73 0.00	20.97 0.71 0.00	21.63 0.81 0.00	24.66 0.93 0.00	33.70 1.30 0.00	38.14 1.43 -0.10	35.22 1.20 -3.12	31.06 1.02 -3.84	25.01 0.91 -0.84	24.66 0.83 0.00	24.17 0.73 0.00
BOONVILLE_115KV_TB1 79983	24.55 0.15 0.00	23.93 0.14 0.00	23.16 0.21 0.00	24.04 0.26 0.00	25.72 0.43 0.00	28.33 0.64 0.00	36.06 0.91 0.00	33.63 0.94 -0.26	30.05 0.84 -0.09	27.20 0.69 -0.03	26.31 0.69 0.00	23.01 0.47 0.00	21.13 0.35 0.00	20.61 0.30 0.00	20.57 0.30 0.00	21.20 0.37 0.00	24.32 0.59 0.00	33.38 0.97 0.00	37.82 1.21 0.00	31.85 0.86 -0.10	26.83 0.52 -0.12	23.59 0.30 -0.03	24.04 0.21 0.00	23.61 0.16 0.00
BORALEX_4TH_BRANCH 23824	25.87 1.46 0.00	25.17 1.38 0.00	24.29 1.33 0.00	25.13 1.36 0.00	26.70 1.42 0.00	29.30 1.61 0.00	37.60 2.46 0.00	43.32 2.30 -8.59	34.36 2.18 -3.07	29.40 2.01 -0.90	27.51 1.90 0.00	24.23 1.69 0.00	22.27 1.50 0.00	21.66 1.36 0.00	21.58 1.32 0.00	22.28 1.46 0.00	25.42 1.68 0.00	34.80 2.40 0.00	39.28 2.56 -0.10	36.24 2.22 -3.13	31.98 1.94 -3.85	25.76 1.65 -0.84	25.42 1.60 0.00	24.83 1.38 0.00
BOWLINE___1 23526	25.80 1.39 0.00	25.05 1.26 0.00	24.15 1.19 0.00	24.92 1.14 0.00	26.55 1.26 0.00	29.08 1.38 0.00	37.50 2.35 0.00	41.65 2.43 -6.79	33.84 2.30 -2.42	29.34 2.14 -0.71	27.59 1.97 0.00	24.30 1.76 0.00	22.31 1.54 0.00	21.66 1.36 0.00	21.58 1.32 0.00	22.32 1.50 0.00	25.49 1.76 0.00	34.87 2.46 0.00	39.44 2.75 -0.08	35.74 2.38 -2.47	31.22 1.99 -3.04	25.70 1.77 -0.66	25.44 1.62 0.00	24.69 1.24 0.00
BOWLINE___2 23595	25.80 1.39 0.00	25.05 1.26 0.00	24.15 1.19 0.00	24.92 1.14 0.00	26.55 1.26 0.00	29.08 1.38 0.00	37.50 2.35 0.00	41.65 2.43 -6.80	33.84 2.30 -2.42	29.34 2.14 -0.71	27.59 1.97 0.00	24.30 1.76 0.00	22.31 1.54 0.00	21.66 1.36 0.00	21.58 1.32 0.00	22.32 1.50 0.00	25.49 1.76 0.00	34.87 2.46 0.00	39.44 2.75 -0.08	35.74 2.38 -2.47	31.22 1.99 -3.04	25.70 1.77 -0.66	25.44 1.62 0.00	24.69 1.24 0.00
BRADY___115KV_TB2 356060	24.38 -0.02 0.00	23.81 0.02 0.00	22.96 0.00 0.00	23.87 0.10 0.00	25.29 0.00 0.00	27.69 0.00 0.00	34.69 -0.46 0.00	31.68 -0.75 0.00	28.44 -0.67 0.00	25.79 -0.69 0.00	25.00 -0.61 0.00	21.96 -0.59 0.00	20.30 -0.48 0.00	19.96 -0.35 0.00	20.00 -0.26 0.00	20.38 -0.44 0.00	23.38 -0.36 0.00	31.95 -0.45 0.00	36.32 -0.29 0.00	30.52 -0.37 0.00	25.75 -0.45 0.00	22.96 -0.30 0.00	23.78 -0.05 0.00	23.73 0.28 0.00
BRANSCOMB___SOLAR 323811	25.70 1.29 0.00	24.98 1.19 0.00	24.08 1.12 0.00	24.99 1.21 0.00	26.60 1.31 0.00	29.16 1.47 0.00	37.36 2.22 0.00	43.35 2.08 -8.85	34.05 1.78 -3.16	28.95 1.54 -0.93	27.13 1.51 0.00	23.78 1.24 0.00	21.79 1.02 0.00	21.24 0.93 0.00	21.15 0.89 0.00	21.88 1.06 0.00	25.04 1.30 0.00	34.45 2.04 0.00	39.06 2.35 -0.11	36.03 1.92 -3.22	31.73 1.57 -3.96	25.45 1.33 -0.86	25.11 1.29 0.00	24.47 1.03 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	29.73 2.29 -3.03	27.98 2.24 -1.96	25.04 2.09 0.00	25.85 2.07 0.00	27.90 2.28 -0.33	31.77 2.52 -1.55	40.93 3.90 -1.89	43.19 3.76 -7.00	40.89 3.61 -8.17	35.11 3.26 -5.37	31.45 3.07 -2.76	28.70 2.70 -3.45	27.54 2.39 -4.37	27.09 2.21 -4.57	28.82 2.17 -6.39	33.11 2.44 -9.86	35.14 2.82 -8.59	42.22 3.82 -5.99	49.43 4.17 -8.65	42.40 3.61 -7.90	38.52 3.04 -9.29	36.47 2.68 -10.53	32.09 2.64 -5.62	28.91 2.23 -3.23



BRISTLHL_115KV_TB1 79998	23.50 -0.90 0.00	22.93 -0.86 0.00	22.13 -0.83 0.00	22.95 -0.83 0.00	24.43 -0.86 0.00	26.81 -0.89 0.00	34.09 -1.05 0.00	32.47 -0.65 -0.70	28.78 -0.58 -0.25	26.00 -0.56 -0.07	25.05 -0.56 0.00	22.05 -0.50 0.00	20.28 -0.50 0.00	19.74 -0.57 0.00	19.68 -0.59 0.00	20.28 -0.54 0.00	23.14 -0.59 0.00	31.59 -0.81 0.00	35.70 -0.92 -0.01	30.37 -0.77 -0.25	25.87 -0.63 -0.31	22.64 -0.70 -0.07	22.97 -0.86 0.00	22.48 -0.96 0.00
BROOKHAVEN___DRP 24191	29.66 2.22 -3.03	27.91 2.16 -1.96	25.00 2.04 0.00	25.80 2.02 0.00	27.85 2.23 -0.33	31.68 2.44 -1.55	40.83 3.80 -1.89	43.21 3.70 -7.09	40.77 3.49 -8.17	34.98 3.12 -5.37	31.35 2.97 -2.76	28.59 2.59 -3.45	27.42 2.26 -4.37	26.97 2.09 -4.57	28.72 2.07 -6.39	33.03 2.35 -9.86	35.07 2.75 -8.59	49.89 3.69 -13.79	56.05 4.03 -15.41	50.72 3.49 -16.34	45.51 2.96 -16.35	36.55 2.65 -10.63	32.02 2.57 -5.62	28.88 2.20 -3.23
BROOKLYN_NAVY_YARD 23515	26.04 1.64 0.00	25.26 1.48 0.00	24.31 1.35 0.00	25.08 1.31 0.00	26.73 1.44 0.00	29.30 1.61 0.00	37.96 2.81 0.00	42.34 2.92 -7.00	34.42 2.80 -2.51	30.46 2.57 -1.41	28.04 2.41 -0.02	26.24 2.14 -1.55	26.37 1.89 -3.70	26.07 1.72 -4.04	25.28 1.66 -3.35	26.40 1.87 -3.70	28.45 2.16 -2.56	35.47 3.05 -0.02	40.08 3.37 -0.10	36.35 2.90 -2.56	31.80 2.46 -3.15	26.12 2.14 -0.72	25.84 2.00 -0.02	24.97 1.52 0.00
BROOKLYN___ARMY_DRP 323595	26.26 1.85 0.00	25.50 1.71 0.00	24.52 1.56 0.00	25.28 1.50 0.00	26.96 1.67 0.00	29.38 1.69 0.00	38.09 2.95 0.00	42.50 3.08 -7.00	34.59 2.97 -2.51	30.63 2.73 -1.42	28.19 2.56 -0.02	26.37 2.25 -1.57	26.55 2.04 -3.74	26.23 1.85 -4.08	25.43 1.78 -3.38	26.56 2.00 -3.74	28.66 2.35 -2.58	35.66 3.24 -0.02	131.01 3.59 -90.81	36.54 3.09 -2.56	31.96 2.62 -3.15	26.33 2.35 -0.72	26.05 2.22 -0.02	25.16 1.71 0.00
BROOKVLE_69_KV_TB1 55790	29.56 2.12 -3.03	27.77 2.02 -1.96	24.86 1.91 0.00	25.66 1.88 0.00	27.67 2.05 -0.33	31.52 2.27 -1.55	40.54 3.51 -1.89	42.79 3.37 -6.99	40.54 3.26 -8.17	34.92 3.07 -5.37	31.27 2.89 -2.76	28.56 2.57 -3.45	27.44 2.29 -4.37	26.97 2.09 -4.57	28.70 2.05 -6.39	32.90 2.23 -9.86	34.91 2.59 -8.59	41.16 3.50 -5.25	48.46 3.84 -8.01	41.32 3.34 -7.09	37.74 2.96 -8.59	36.34 2.56 -10.52	31.85 2.41 -5.62	28.67 1.99 -3.23
BROOME_2_LFGE 323671	24.41 0.00 0.00	23.83 0.05 0.00	23.00 0.05 0.00	23.80 0.02 0.00	25.34 0.05 0.00	27.86 0.17 0.00	35.53 0.39 0.00	35.27 0.42 -2.42	30.35 0.38 -0.86	27.06 0.32 -0.25	26.08 0.46 0.00	22.95 0.41 0.00	21.11 0.33 0.00	20.49 0.18 0.00	20.39 0.12 0.00	21.07 0.25 0.00	24.04 0.31 0.00	32.87 0.45 -0.01	36.94 0.29 -0.04	31.92 0.16 -0.88	27.38 0.11 -1.08	23.57 0.07 -0.24	23.80 -0.02 0.00	23.30 -0.14 0.00
BROOME___LFGE 323600	24.41 0.00 0.00	23.83 0.05 0.00	23.00 0.05 0.00	23.80 0.02 0.00	25.34 0.05 0.00	27.86 0.17 0.00	35.53 0.39 0.00	35.27 0.42 -2.42	30.35 0.38 -0.86	27.06 0.32 -0.25	26.08 0.46 0.00	22.95 0.41 0.00	21.11 0.33 0.00	20.49 0.18 0.00	20.39 0.12 0.00	21.07 0.25 0.00	24.04 0.31 0.00	32.87 0.45 -0.01	36.94 0.29 -0.04	31.92 0.16 -0.88	27.38 0.11 -1.08	23.57 0.07 -0.24	23.80 -0.02 0.00	23.30 -0.14 0.00
BROWNFLS_115KV_TB_3_5 80003	23.72 -0.68 0.00	23.14 -0.64 0.00	22.38 -0.57 0.00	23.30 -0.48 0.00	24.86 -0.43 0.00	27.33 -0.36 0.00	34.44 -0.70 0.00	31.93 -0.71 -0.22	28.52 -0.67 -0.08	25.79 -0.72 -0.02	25.00 -0.61 0.00	21.89 -0.65 0.00	20.17 -0.60 0.00	19.76 -0.55 0.00	19.78 -0.49 0.00	20.26 -0.56 0.00	23.23 -0.50 0.00	31.92 -0.49 0.00	36.25 -0.37 0.00	30.50 -0.46 -0.08	25.63 -0.65 -0.10	22.64 -0.65 -0.02	23.32 -0.50 0.00	23.12 -0.33 0.00
BROWNSV1_27_KV_LOAD 356125	26.21 1.81 0.00	25.50 1.71 0.00	24.54 1.58 0.00	25.32 1.55 0.00	26.98 1.69 0.00	29.55 1.86 0.00	38.27 3.13 0.00	42.63 3.21 -7.00	34.71 3.09 -2.51	30.72 2.83 -1.41	28.29 2.66 -0.02	26.46 2.37 -1.55	26.58 2.10 -3.70	26.27 1.93 -4.04	25.48 1.86 -3.35	26.59 2.06 -3.70	28.68 2.40 -2.56	35.76 3.34 -0.02	40.41 3.70 -0.10	36.66 3.21 -2.56	32.06 2.72 -3.15	26.35 2.37 -0.72	26.08 2.24 -0.02	25.20 1.76 0.00
BURROWS___LYONSDAL 23803	24.36 -0.05 0.00	23.74 -0.05 0.00	22.98 0.02 0.00	23.87 0.10 0.00	25.62 0.33 0.00	28.22 0.53 0.00	35.88 0.74 0.00	33.47 0.78 -0.27	29.91 0.70 -0.10	27.04 0.53 -0.03	26.15 0.54 0.00	22.88 0.34 0.00	21.01 0.23 0.00	20.49 0.18 0.00	20.47 0.20 0.00	21.09 0.27 0.00	24.21 0.47 0.00	33.25 0.84 0.00	37.68 1.06 0.00	31.73 0.74 -0.10	26.65 0.34 -0.12	23.41 0.12 -0.03	23.87 0.05 0.00	23.44 0.00 0.00
CAITHNESS_CC_1 323624	29.66 2.22 -3.03	27.86 2.12 -1.96	24.95 2.00 0.00	25.75 1.97 0.00	27.80 2.17 -0.33	31.63 2.38 -1.55	40.75 3.72 -1.89	43.14 3.63 -7.09	40.71 3.43 -8.17	34.92 3.07 -5.37	31.30 2.92 -2.76	28.54 2.55 -3.45	27.38 2.22 -4.37	26.93 2.05 -4.57	28.70 2.05 -6.39	32.99 2.31 -9.86	35.00 2.68 -8.59	49.83 3.63 -13.80	55.98 3.96 -15.42	50.67 3.43 -16.35	45.44 2.88 -16.36	36.48 2.58 -10.64	31.97 2.52 -5.62	28.83 2.16 -3.23
CALPINE BETH_PAGE_GT4 24209	29.44 2.00 -3.03	27.65 1.90 -1.96	24.75 1.79 0.00	25.54 1.76 0.00	27.54 1.92 -0.33	31.30 2.05 -1.55	40.26 3.23 -1.89	42.66 3.24 -6.99	40.36 3.09 -8.17	34.69 2.83 -5.37	31.04 2.66 -2.76	28.45 2.46 -3.45	27.31 2.16 -4.37	26.85 1.97 -4.57	28.58 1.93 -6.39	32.74 2.06 -9.86	34.72 2.40 -8.59	41.12 3.37 -5.35	48.40 3.70 -8.09	41.29 3.21 -7.19	37.53 2.72 -8.61	36.16 2.37 -10.52	31.76 2.31 -5.62	28.58 1.90 -3.23
CALPINE_BETH_PAGE_GT_4 323586	29.49 2.05 -3.03	27.65 1.90 -1.96	24.75 1.79 0.00	25.54 1.76 0.00	27.54 1.92 -0.34	31.30 2.05 -1.55	40.26 3.23 -1.89	42.66 3.24 -7.00	40.36 3.08 -8.17	34.69 2.83 -5.37	31.04 2.66 -2.76	28.45 2.46 -3.45	27.31 2.16 -4.38	26.85 1.97 -4.58	28.58 1.93 -6.39	32.76 2.08 -9.86	34.72 2.40 -8.59	41.12 3.37 -5.35	48.44 3.74 -8.09	41.29 3.21 -7.19	37.50 2.70 -8.61	36.16 2.37 -10.52	31.76 2.31 -5.62	28.58 1.90 -3.23
CALPINE_BP_GT1 23823	29.49 2.05 -3.03	27.65 1.90 -1.96	24.75 1.79 0.00	25.54 1.76 0.00	27.54 1.92 -0.34	31.30 2.05 -1.55	40.26 3.23 -1.89	42.66 3.24 -7.00	40.36 3.08 -8.17	34.69 2.83 -5.37	31.04 2.66 -2.76	28.45 2.46 -3.45	27.31 2.16 -4.38	26.85 1.97 -4.58	28.58 1.93 -6.39	32.76 2.08 -9.86	34.72 2.40 -8.59	41.12 3.37 -5.35	48.44 3.74 -8.09	41.29 3.21 -7.19	37.50 2.70 -8.61	36.16 2.37 -10.52	31.76 2.31 -5.62	28.58 1.90 -3.23
CALSPAN___DRP 24200	22.57 -1.83 0.00	22.22 -1.57 0.00	21.51 -1.45 0.00	22.23 -1.55 0.00	23.52 -1.77 0.00	26.06 -1.63 0.00	32.75 -2.39 0.00	31.39 -2.20 -1.17	27.52 -2.01 -0.42	24.86 -1.75 -0.12	24.36 -1.26 0.00	21.75 -0.79 0.00	19.99 -0.79 0.00	19.27 -1.04 0.00	19.07 -1.20 0.00	19.78 -1.04 0.00	22.31 -1.42 0.00	30.06 -2.33 0.01	33.07 -3.55 -0.01	28.47 -2.84 -0.43	24.72 -1.99 -0.52	21.19 -2.19 -0.11	21.70 -2.12 0.00	21.22 -2.23 0.00



CALVERTON___SOLAR 323806	29.78 2.34 -3.03	27.98 2.24 -1.96	25.07 2.11 0.00	25.87 2.09 0.00	27.92 2.30 -0.33	31.74 2.49 -1.55	40.93 3.90 -1.89	43.31 3.79 -7.09	40.86 3.58 -8.17	35.03 3.18 -5.37	31.40 3.02 -2.76	28.63 2.64 -3.45	27.46 2.31 -4.37	27.01 2.13 -4.57	28.78 2.13 -6.39	33.07 2.39 -9.86	35.14 2.82 -8.59	50.02 3.82 -13.79	56.23 4.21 -15.41	50.84 3.61 -16.34	45.58 3.04 -16.36	36.64 2.74 -10.63	32.09 2.64 -5.62	28.95 2.27 -3.23
CANDIGU_WT_PWR 323617	24.28 -0.12 0.00	23.76 -0.02 0.00	23.00 0.05 0.00	23.83 0.05 0.00	25.39 0.10 0.00	28.05 0.36 0.00	35.85 0.70 0.00	34.93 0.61 -1.89	30.34 0.55 -0.68	27.13 0.45 -0.20	26.38 0.77 0.00	23.28 0.74 0.00	21.38 0.60 0.00	20.69 0.38 0.00	20.57 0.30 0.00	21.32 0.50 0.00	24.37 0.64 0.00	33.27 0.84 -0.02	37.16 0.51 -0.04	31.76 0.19 -0.69	27.07 0.03 -0.85	23.38 -0.07 -0.18	23.61 -0.21 0.00	23.09 -0.35 0.00
CARR STREET_E_SYR 24060	23.72 -0.68 0.00	23.12 -0.67 0.00	22.34 -0.62 0.00	23.14 -0.64 0.00	24.63 -0.66 0.00	26.97 -0.72 0.00	34.20 -0.95 0.00	32.65 -0.55 -0.78	29.01 -0.38 -0.28	26.27 -0.29 -0.08	25.31 -0.31 0.00	22.27 -0.27 0.00	20.49 -0.29 0.00	19.94 -0.36 0.00	19.86 -0.41 0.00	20.47 -0.35 0.00	23.30 -0.43 0.00	31.66 -0.74 0.00	35.78 -0.84 -0.01	30.46 -0.71 -0.28	25.96 -0.58 -0.35	22.83 -0.51 -0.08	23.16 -0.67 0.00	22.67 -0.77 0.00
CARTHAGE___PAPER 23857	23.70 -0.71 0.00	23.17 -0.62 0.00	22.43 -0.53 0.00	23.32 -0.45 0.00	25.03 -0.25 0.00	27.61 -0.08 0.00	35.07 -0.07 0.00	32.77 -0.03 -0.38	29.19 -0.06 -0.13	26.31 -0.21 -0.04	25.44 -0.18 0.00	22.18 -0.36 0.00	20.36 -0.42 0.00	19.90 -0.41 0.00	19.88 -0.39 0.00	20.49 -0.33 0.00	23.61 -0.12 0.00	32.53 0.13 0.00	36.94 0.33 0.00	31.12 0.09 -0.14	26.10 -0.26 -0.17	22.86 -0.44 -0.04	23.32 -0.50 0.00	22.93 -0.52 0.00
CASSADAGA_WT_PWR 323784	22.50 -1.90 0.00	22.17 -1.62 0.00	21.58 -1.38 0.00	22.42 -1.35 0.00	23.92 -1.37 0.00	26.72 -0.97 0.00	34.05 -1.09 0.00	32.45 -1.23 -1.26	28.48 -1.08 -0.45	25.71 -0.90 -0.13	25.44 -0.18 0.00	22.70 0.16 0.00	20.86 0.08 0.00	20.08 -0.22 0.00	19.82 -0.45 0.00	20.57 -0.25 0.00	23.26 -0.47 0.00	31.30 -1.10 0.01	34.35 -2.27 -0.01	29.03 -2.32 -0.46	24.53 -2.23 -0.56	21.41 -1.98 -0.12	21.73 -2.10 0.00	21.22 -2.23 0.00
CE_DUNWOOD___DRP 24194	25.89 1.49 0.00	25.19 1.40 0.00	24.26 1.31 0.00	25.06 1.28 0.00	26.68 1.39 0.00	29.24 1.55 0.00	37.74 2.60 0.00	42.06 2.66 -6.98	34.13 2.53 -2.49	29.57 2.36 -0.73	27.79 2.18 0.00	24.48 1.94 0.00	22.48 1.70 0.00	21.85 1.54 0.00	21.74 1.48 0.00	22.49 1.67 0.00	25.68 1.95 0.00	35.13 2.72 0.00	39.70 3.00 -0.08	36.05 2.63 -2.54	31.54 2.23 -3.12	25.88 1.93 -0.68	25.63 1.81 0.00	24.85 1.41 0.00
CE_MILLWOOD___DRP 24193	25.84 1.44 0.00	25.14 1.36 0.00	24.24 1.29 0.00	25.01 1.24 0.00	26.65 1.37 0.00	29.19 1.50 0.00	37.67 2.53 0.00	41.94 2.59 -6.92	34.03 2.45 -2.47	29.49 2.28 -0.73	27.74 2.13 0.00	24.41 1.87 0.00	22.42 1.64 0.00	21.77 1.46 0.00	21.68 1.42 0.00	22.42 1.60 0.00	25.61 1.87 0.00	35.06 2.66 0.00	39.59 2.89 -0.08	35.94 2.53 -2.52	31.44 2.15 -3.10	25.83 1.88 -0.68	25.56 1.74 0.00	24.80 1.36 0.00
CE_NYC2_DRP 24202	26.11 1.71 0.00	25.38 1.59 0.00	24.40 1.45 0.00	25.18 1.40 0.00	26.85 1.57 0.00	29.27 1.58 0.00	37.88 2.74 0.00	42.31 2.89 -7.00	34.42 2.79 -2.51	30.49 2.60 -1.42	28.06 2.43 -0.02	26.28 2.16 -1.57	26.45 1.93 -3.74	26.13 1.75 -4.08	25.35 1.70 -3.38	26.46 1.89 -3.74	28.52 2.21 -2.58	35.47 3.05 -0.02	40.08 3.37 -0.10	36.35 2.90 -2.56	31.80 2.46 -3.15	26.19 2.21 -0.72	25.91 2.07 -0.02	25.04 1.59 0.00
CE_NYC_DRP 24195	25.99 1.59 0.00	25.28 1.50 0.00	24.33 1.38 0.00	25.13 1.36 0.00	26.78 1.49 0.00	29.33 1.63 0.00	37.92 2.78 0.00	42.31 2.89 -7.00	34.39 2.77 -2.51	30.46 2.57 -1.41	28.04 2.41 -0.02	26.23 2.14 -1.55	26.36 1.89 -3.69	26.06 1.73 -4.03	25.27 1.66 -3.34	26.37 1.85 -3.70	28.44 2.16 -2.55	35.43 3.01 -0.02	40.01 3.30 -0.10	36.32 2.87 -2.56	31.78 2.44 -3.15	26.10 2.12 -0.72	25.84 2.00 -0.02	24.99 1.55 0.00
CHAFFEE___LFGE 323603	22.67 -1.73 0.00	22.31 -1.47 0.00	21.58 -1.38 0.00	22.30 -1.47 0.00	23.59 -1.69 0.00	26.17 -1.52 0.00	32.96 -2.18 0.00	31.48 -2.17 -1.23	27.57 -1.98 -0.44	24.84 -1.77 -0.13	24.46 -1.15 0.00	21.82 -0.72 0.00	20.07 -0.71 0.00	19.35 -0.95 0.00	19.13 -1.13 0.00	19.86 -0.96 0.00	22.43 -1.31 0.00	30.19 -2.20 0.01	33.33 -3.30 -0.01	28.52 -2.81 -0.45	24.31 -2.44 -0.55	21.36 -2.02 -0.12	21.77 -2.05 0.00	21.31 -2.13 0.00
CHATEAUG_35_KV_LOAD 355732	24.04 -0.37 0.00	23.45 -0.33 0.00	22.59 -0.37 0.00	23.52 -0.26 0.00	25.03 -0.25 0.00	27.44 -0.25 0.00	34.44 -0.70 0.00	31.52 -0.91 0.00	28.30 -0.82 0.00	25.74 -0.74 0.00	24.77 -0.85 0.00	21.73 -0.81 0.00	20.09 -0.69 0.00	19.78 -0.53 0.00	19.90 -0.36 0.00	20.45 -0.37 0.00	23.78 0.05 0.00	32.83 0.42 0.00	37.31 0.70 0.00	31.41 0.53 0.00	26.53 0.34 0.00	23.52 0.26 0.00	24.16 0.33 0.00	23.87 0.42 0.00
CHATEAUG_WT_PWR 323614	23.89 -0.51 0.00	23.38 -0.40 0.00	22.52 -0.44 0.00	23.47 -0.31 0.00	24.98 -0.30 0.00	27.39 -0.30 0.00	34.40 -0.74 0.00	31.55 -0.87 0.00	28.33 -0.78 0.00	25.77 -0.71 0.00	24.79 -0.82 0.00	21.75 -0.79 0.00	20.07 -0.71 0.00	19.76 -0.55 0.00	19.88 -0.39 0.00	20.40 -0.42 0.00	23.75 0.02 0.00	32.82 0.42 0.00	37.23 0.62 0.00	31.38 0.49 0.00	26.61 0.42 0.00	23.50 0.23 0.00	24.13 0.31 0.00	23.84 0.40 0.00
CHAT_HIGH_FALL_HYD 323578	24.04 -0.37 0.00	23.45 -0.33 0.00	22.59 -0.37 0.00	23.52 -0.26 0.00	25.03 -0.25 0.00	27.44 -0.25 0.00	34.44 -0.70 0.00	31.52 -0.91 0.00	28.30 -0.82 0.00	25.74 -0.74 0.00	24.77 -0.85 0.00	21.73 -0.81 0.00	20.09 -0.69 0.00	19.78 -0.53 0.00	19.90 -0.36 0.00	20.45 -0.37 0.00	23.78 0.05 0.00	32.83 0.42 0.00	37.31 0.70 0.00	31.41 0.53 0.00	26.53 0.34 0.00	23.52 0.26 0.00	24.16 0.33 0.00	23.87 0.42 0.00
CHAUTAUQUA___LFGE 323629	22.67 -1.73 0.00	22.31 -1.47 0.00	21.65 -1.31 0.00	22.40 -1.38 0.00	23.79 -1.49 0.00	26.48 -1.22 0.00	33.56 -1.58 0.00	32.12 -1.52 -1.22	28.15 -1.40 -0.44	25.42 -1.19 -0.13	24.98 -0.64 0.00	22.29 -0.25 0.00	20.49 -0.29 0.00	19.74 -0.57 0.00	19.47 -0.79 0.00	20.24 -0.58 0.00	22.85 -0.88 0.00	30.81 -1.59 0.01	33.95 -2.67 -0.01	28.92 -2.41 -0.44	24.57 -2.17 -0.55	21.48 -1.91 -0.12	21.82 -2.00 0.00	21.33 -2.11 0.00
CHERRYST_13_KV_LD 356241	26.06 1.66 0.00	25.33 1.55 0.00	24.40 1.45 0.00	25.18 1.40 0.00	26.83 1.54 0.00	29.38 1.69 0.00	38.02 2.88 0.00	42.40 2.98 -7.00	34.51 2.88 -2.51	30.56 2.67 -1.41	28.14 2.51 -0.02	26.32 2.23 -1.55	26.44 1.97 -3.69	26.12 1.79 -4.03	25.35 1.74 -3.34	26.45 1.94 -3.70	28.51 2.23 -2.55	35.53 3.11 -0.02	40.12 3.40 -0.10	36.42 2.97 -2.56	31.85 2.51 -3.15	26.17 2.19 -0.72	25.91 2.07 -0.02	25.04 1.59 0.00



CHESTROR_138KV_BK263 355645	25.58 1.17 0.00	24.90 1.12 0.00	24.01 1.06 0.00	24.80 1.02 0.00	26.40 1.11 0.00	28.94 1.25 0.00	37.25 2.11 0.00	41.10 2.14 -6.53	33.42 1.98 -2.33	28.99 1.83 -0.69	27.31 1.69 0.00	24.05 1.51 0.00	22.07 1.29 0.00	21.44 1.14 0.00	21.38 1.11 0.00	22.09 1.27 0.00	25.25 1.52 0.00	34.58 2.17 0.00	39.07 2.38 -0.08	35.33 2.07 -2.38	30.87 1.75 -2.92	25.42 1.51 -0.64	25.20 1.38 0.00	24.52 1.08 0.00
CH_MIDHUDSON___DRP 24192	25.82 1.42 0.00	25.12 1.33 0.00	24.24 1.29 0.00	25.04 1.26 0.00	26.65 1.37 0.00	29.22 1.52 0.00	37.60 2.46 0.00	42.08 2.46 -7.19	33.95 2.27 -2.57	29.33 2.09 -0.76	27.59 1.97 0.00	24.25 1.71 0.00	22.25 1.48 0.00	21.62 1.32 0.00	21.56 1.30 0.00	22.28 1.46 0.00	25.46 1.73 0.00	34.90 2.50 0.00	39.44 2.75 -0.09	35.85 2.35 -2.62	31.40 1.99 -3.22	25.69 1.72 -0.70	25.42 1.60 0.00	24.73 1.29 0.00
CH_MISC_IPPS 23765	25.97 1.56 0.00	25.21 1.43 0.00	24.33 1.38 0.00	25.13 1.35 0.00	26.75 1.47 0.00	29.33 1.63 0.00	37.81 2.67 0.00	42.14 2.66 -7.06	34.05 2.41 -2.52	29.42 2.20 -0.74	27.66 2.05 0.00	24.32 1.78 0.00	22.29 1.52 0.00	21.66 1.36 0.00	21.58 1.32 0.00	22.32 1.50 0.00	25.53 1.80 0.00	35.03 2.62 0.00	39.66 2.96 -0.08	35.93 2.47 -2.57	31.42 2.07 -3.16	25.77 1.82 -0.69	25.49 1.67 0.00	24.80 1.36 0.00
CH_RES_BVR_FALLS 23983	23.75 -0.66 0.00	23.19 -0.59 0.00	22.40 -0.55 0.00	23.25 -0.52 0.00	24.75 -0.53 0.00	27.11 -0.58 0.00	34.23 -0.91 0.00	31.48 -0.94 0.00	28.33 -0.78 0.00	25.79 -0.69 0.00	25.00 -0.62 0.00	22.00 -0.54 0.00	20.34 -0.44 0.00	19.96 -0.35 0.00	19.98 -0.28 0.00	20.49 -0.33 0.00	23.40 -0.33 0.00	31.95 -0.45 0.00	36.13 -0.48 0.00	30.46 -0.43 0.00	25.75 -0.45 0.00	22.75 -0.51 0.00	23.30 -0.52 0.00	23.00 -0.45 0.00
CH_RES_NIAGARA 23895	21.70 -2.71 0.00	21.34 -2.45 0.00	20.66 -2.30 0.00	21.33 -2.45 0.00	22.53 -2.76 0.00	24.90 -2.80 0.00	31.17 -3.97 0.00	30.46 -3.08 -1.12	26.74 -2.77 -0.40	24.14 -2.46 -0.12	23.23 -2.38 0.00	20.76 -1.78 0.00	19.07 -1.70 0.00	18.42 -1.89 0.00	18.24 -2.03 0.00	18.91 -1.92 0.00	21.29 -2.44 0.00	28.67 -3.73 0.01	31.97 -4.65 -0.01	27.65 -3.65 -0.41	23.60 -3.09 -0.50	20.70 -2.67 -0.11	20.84 -2.98 0.00	20.37 -3.07 0.00
CH_RES_SYRACUSE 23985	23.89 -0.51 0.00	23.29 -0.50 0.00	22.50 -0.46 0.00	23.30 -0.48 0.00	24.81 -0.48 0.00	27.25 -0.44 0.00	34.65 -0.49 0.00	33.16 -0.13 -0.86	29.30 -0.12 -0.31	26.44 -0.13 -0.09	25.49 -0.13 0.00	22.41 -0.13 0.00	20.61 -0.17 0.00	20.06 -0.24 0.00	19.98 -0.28 0.00	20.59 -0.23 0.00	23.49 -0.24 0.00	32.09 -0.32 -0.01	36.26 -0.37 -0.02	30.86 -0.34 -0.31	26.27 -0.31 -0.39	23.00 -0.35 -0.08	23.30 -0.52 0.00	22.83 -0.61 0.00
CLINTON_WT_PWR 323605	23.89 -0.51 0.00	23.38 -0.40 0.00	22.52 -0.44 0.00	23.47 -0.31 0.00	24.98 -0.30 0.00	27.39 -0.30 0.00	34.40 -0.74 0.00	31.55 -0.87 0.00	28.33 -0.78 0.00	25.77 -0.71 0.00	24.79 -0.82 0.00	21.75 -0.79 0.00	20.07 -0.71 0.00	19.76 -0.55 0.00	19.88 -0.39 0.00	20.40 -0.42 0.00	23.75 0.02 0.00	32.82 0.42 0.00	37.23 0.62 0.00	31.38 0.49 0.00	26.61 0.42 0.00	23.50 0.23 0.00	24.13 0.31 0.00	23.84 0.40 0.00
CLINTON___LFGE 323618	24.21 -0.20 0.00	23.72 -0.07 0.00	22.82 -0.14 0.00	23.80 0.02 0.00	25.34 0.05 0.00	27.86 0.17 0.00	34.97 -0.17 0.00	32.07 -0.36 0.00	28.82 -0.29 0.00	26.19 -0.29 0.00	25.20 -0.41 0.00	22.09 -0.45 0.00	20.38 -0.40 0.00	20.04 -0.26 0.00	20.16 -0.10 0.00	20.72 -0.10 0.00	24.21 0.47 0.00	33.44 1.04 0.00	37.97 1.36 0.00	31.97 1.08 0.00	27.08 0.89 0.00	23.87 0.60 0.00	24.49 0.67 0.00	24.15 0.70 0.00
COBBLENY_34_KV_TB1 80064	22.67 -1.73 0.00	22.31 -1.47 0.00	21.58 -1.38 0.00	22.30 -1.47 0.00	23.59 -1.69 0.00	26.17 -1.52 0.00	32.96 -2.18 0.00	31.47 -2.17 -1.21	27.57 -1.98 -0.43	24.86 -1.75 -0.13	24.46 -1.15 0.00	21.82 -0.72 0.00	20.07 -0.71 0.00	19.35 -0.95 0.00	19.13 -1.13 0.00	19.84 -0.98 0.00	22.43 -1.31 0.00	30.19 -2.20 0.01	33.14 -3.48 -0.01	28.49 -2.84 -0.44	24.74 -1.99 -0.54	21.17 -2.21 -0.12	21.80 -2.02 0.00	21.31 -2.13 0.00
COFFEEN___115KV_TB3 355620	23.94 -0.46 0.00	23.36 -0.43 0.00	22.61 -0.34 0.00	23.49 -0.29 0.00	25.19 -0.10 0.00	27.83 0.14 0.00	35.42 0.28 0.00	33.23 0.36 -0.45	29.51 0.23 -0.16	26.58 0.05 -0.05	25.67 0.05 0.00	22.36 -0.18 0.00	20.49 -0.29 0.00	19.98 -0.32 0.00	19.96 -0.30 0.00	20.63 -0.19 0.00	23.83 0.09 0.00	32.89 0.49 0.00	37.39 0.77 -0.01	31.45 0.40 -0.16	26.45 0.05 -0.20	23.10 -0.21 -0.04	23.47 -0.36 0.00	23.02 -0.42 0.00
COLDSPRG_115KV_BK1 355956	23.28 -1.12 0.00	22.91 -0.88 0.00	22.22 -0.73 0.00	22.99 -0.78 0.00	24.45 -0.83 0.00	27.25 -0.44 0.00	34.79 -0.35 0.00	32.58 -1.13 -1.29	28.47 -1.11 -0.46	25.69 -0.93 -0.14	25.72 0.10 0.00	22.95 0.41 0.00	21.09 0.31 0.00	20.28 -0.02 0.00	20.00 -0.26 0.00	20.78 -0.04 0.00	23.54 -0.19 0.00	31.72 -0.68 0.00	34.35 -2.27 -0.01	29.20 -2.16 -0.47	25.17 -1.60 -0.58	21.46 -1.93 -0.13	22.44 -1.38 0.00	21.97 -1.48 0.00
COLONIE_LFGE___ 323577	25.53 1.12 0.00	24.83 1.05 0.00	23.94 0.99 0.00	24.80 1.02 0.00	26.37 1.09 0.00	28.91 1.22 0.00	37.00 1.86 0.00	42.94 1.78 -8.74	33.86 1.63 -3.12	28.85 1.46 -0.92	27.05 1.43 0.00	23.78 1.24 0.00	21.86 1.08 0.00	21.28 0.97 0.00	21.20 0.93 0.00	21.90 1.08 0.00	24.99 1.26 0.00	34.22 1.81 0.00	38.73 2.01 -0.10	35.76 1.70 -3.18	31.52 1.41 -3.91	25.35 1.23 -0.85	25.01 1.19 0.00	24.45 1.01 0.00
COOPERNY_115KV_TB1 80082	25.26 0.85 0.00	24.62 0.83 0.00	23.74 0.78 0.00	24.54 0.76 0.00	26.10 0.81 0.00	28.61 0.91 0.00	36.72 1.58 0.00	39.41 1.65 -5.33	32.56 1.54 -1.90	28.47 1.43 -0.56	26.92 1.31 0.00	23.71 1.17 0.00	21.77 1.00 0.00	21.18 0.87 0.00	21.09 0.83 0.00	21.80 0.98 0.00	24.89 1.16 0.00	34.06 1.65 0.00	38.47 1.79 -0.06	34.40 1.58 -1.94	29.91 1.34 -2.39	24.95 1.16 -0.52	24.87 1.05 0.00	24.24 0.80 0.00
COPENHAGEN_WT_PWR 323753	23.77 -0.63 0.00	23.19 -0.59 0.00	22.45 -0.51 0.00	23.32 -0.45 0.00	24.98 -0.30 0.00	27.58 -0.11 0.00	35.07 -0.07 0.00	32.91 0.03 -0.45	29.25 -0.03 -0.16	26.37 -0.16 -0.05	25.49 -0.13 0.00	22.23 -0.32 0.00	20.38 -0.40 0.00	19.88 -0.43 0.00	19.86 -0.41 0.00	20.51 -0.31 0.00	23.61 -0.12 0.00	32.53 0.13 0.00	36.95 0.33 -0.01	31.11 0.06 -0.17	26.18 -0.21 -0.20	22.91 -0.40 -0.04	23.30 -0.52 0.00	22.86 -0.59 0.00
CORNELL_____ 23752	24.62 0.22 0.00	24.05 0.26 0.00	23.21 0.25 0.00	24.06 0.29 0.00	25.64 0.35 0.00	28.22 0.53 0.00	36.02 0.88 0.00	35.21 1.07 -1.72	30.66 0.93 -0.61	27.40 0.74 -0.18	26.38 0.77 0.00	23.13 0.59 0.00	21.23 0.46 0.00	20.61 0.30 0.00	20.55 0.28 0.00	21.26 0.44 0.00	24.37 0.64 0.00	33.40 0.97 -0.02	37.67 1.03 -0.03	32.29 0.77 -0.63	27.64 0.68 -0.77	23.81 0.37 -0.17	24.06 0.24 0.00	23.54 0.09 0.00



CORONA V_69_KV_TB1 355595	29.49 2.05 -3.03	27.69 1.95 -1.96	24.79 1.84 0.00	25.58 1.81 0.00	27.59 1.97 -0.33	31.43 2.19 -1.55	40.37 3.34 -1.89	42.76 3.34 -6.99	40.42 3.14 -8.17	34.79 2.94 -5.37	31.15 2.77 -2.76	28.47 2.48 -3.45	27.35 2.20 -4.37	26.89 2.01 -4.57	28.60 1.95 -6.39	32.80 2.12 -9.86	34.76 2.44 -8.59	41.00 3.40 -5.19	48.30 3.73 -7.95	41.16 3.24 -7.02	37.56 2.78 -8.59	36.23 2.44 -10.52	31.76 2.31 -5.62	28.60 1.92 -3.23
CORTLAND_115KV_TB3 80093	24.45 0.05 0.00	23.86 0.07 0.00	23.02 0.07 0.00	23.87 0.10 0.00	25.41 0.13 0.00	27.94 0.25 0.00	35.63 0.49 0.00	34.41 0.58 -1.40	30.14 0.52 -0.50	27.05 0.42 -0.15	26.08 0.46 0.00	22.90 0.36 0.00	21.05 0.27 0.00	20.45 0.14 0.00	20.39 0.12 0.00	21.05 0.23 0.00	24.06 0.33 0.00	32.93 0.52 -0.01	37.11 0.48 -0.02	31.74 0.34 -0.51	27.16 0.34 -0.63	23.52 0.12 -0.14	23.82 0.00 0.00	23.30 -0.14 0.00
COXSACKIE__GT 23611	26.28 1.88 0.00	25.57 1.78 0.00	24.72 1.77 0.00	25.61 1.83 0.00	27.28 2.00 0.00	29.96 2.27 0.00	38.45 3.30 0.00	43.37 2.79 -8.16	34.12 2.10 -2.91	28.95 1.62 -0.86	27.38 1.77 0.00	23.92 1.38 0.00	21.90 1.12 0.00	21.34 1.03 0.00	21.30 1.03 0.00	22.09 1.27 0.00	25.44 1.71 0.00	35.13 2.72 0.00	40.01 3.30 -0.10	36.11 2.25 -2.97	31.55 1.70 -3.65	25.71 1.65 -0.80	25.42 1.60 0.00	25.04 1.60 0.00
CPV_VALLEY__CC1 323721	25.43 1.02 0.00	24.71 0.93 0.00	23.83 0.87 0.00	24.61 0.83 0.00	26.20 0.91 0.00	28.69 1.00 0.00	36.90 1.76 0.00	40.38 1.85 -6.11	33.04 1.75 -2.18	28.74 1.62 -0.64	27.10 1.49 0.00	23.87 1.33 0.00	21.92 1.14 0.00	21.30 0.99 0.00	21.24 0.97 0.00	21.94 1.12 0.00	25.06 1.33 0.00	34.28 1.88 0.00	38.77 2.09 -0.07	34.90 1.79 -2.22	30.42 1.49 -2.74	25.19 1.33 -0.60	25.01 1.19 0.00	24.36 0.91 0.00
CPV_VALLEY__CC2 323722	25.43 1.02 0.00	24.71 0.93 0.00	23.83 0.87 0.00	24.61 0.83 0.00	26.20 0.91 0.00	28.69 1.00 0.00	36.90 1.76 0.00	40.38 1.85 -6.11	33.04 1.75 -2.18	28.74 1.62 -0.64	27.10 1.49 0.00	23.87 1.33 0.00	21.92 1.14 0.00	21.30 0.99 0.00	21.24 0.97 0.00	21.94 1.12 0.00	25.06 1.33 0.00	34.28 1.88 0.00	38.77 2.09 -0.07	34.90 1.79 -2.22	30.42 1.49 -2.74	25.19 1.33 -0.60	25.01 1.19 0.00	24.36 0.91 0.00
CRESCENT__HYD 24018	25.53 1.12 0.00	24.83 1.05 0.00	23.94 0.99 0.00	24.80 1.02 0.00	26.37 1.09 0.00	28.91 1.22 0.00	37.00 1.86 0.00	42.94 1.78 -8.74	33.86 1.63 -3.12	28.85 1.46 -0.92	27.05 1.43 0.00	23.78 1.24 0.00	21.86 1.08 0.00	21.28 0.97 0.00	21.20 0.93 0.00	21.90 1.08 0.00	24.99 1.26 0.00	34.22 1.81 0.00	38.73 2.01 -0.10	35.76 1.70 -3.18	31.52 1.41 -3.91	25.35 1.23 -0.85	25.01 1.19 0.00	24.45 1.01 0.00
CRICKET__VALLEY_CC1 323756	25.77 1.37 0.00	25.02 1.24 0.00	24.15 1.19 0.00	24.94 1.16 0.00	26.53 1.24 0.00	29.08 1.38 0.00	37.39 2.25 0.00	42.10 2.24 -7.44	33.89 2.12 -2.66	29.25 1.99 -0.78	27.48 1.87 0.00	24.21 1.67 0.00	22.23 1.45 0.00	21.62 1.32 0.00	21.54 1.28 0.00	22.26 1.44 0.00	25.39 1.66 0.00	34.71 2.30 0.00	39.22 2.52 -0.09	35.76 2.16 -2.71	31.36 1.83 -3.33	25.64 1.65 -0.73	25.37 1.55 0.00	24.69 1.24 0.00
CRICKET__VALLEY_CC2 323757	25.77 1.37 0.00	25.02 1.24 0.00	24.15 1.19 0.00	24.94 1.16 0.00	26.53 1.24 0.00	29.08 1.38 0.00	37.39 2.25 0.00	42.10 2.24 -7.44	33.89 2.12 -2.66	29.25 1.99 -0.78	27.48 1.87 0.00	24.21 1.67 0.00	22.23 1.45 0.00	21.62 1.32 0.00	21.54 1.28 0.00	22.26 1.44 0.00	25.39 1.66 0.00	34.71 2.30 0.00	39.22 2.52 -0.09	35.76 2.16 -2.71	31.36 1.83 -3.33	25.64 1.65 -0.73	25.37 1.55 0.00	24.69 1.24 0.00
CRICKET__VALLEY_CC3 323758	25.77 1.37 0.00	25.02 1.24 0.00	24.15 1.19 0.00	24.94 1.16 0.00	26.53 1.24 0.00	29.08 1.38 0.00	37.39 2.25 0.00	42.10 2.24 -7.44	33.89 2.12 -2.66	29.25 1.99 -0.78	27.48 1.87 0.00	24.21 1.67 0.00	22.23 1.45 0.00	21.62 1.32 0.00	21.54 1.28 0.00	22.26 1.44 0.00	25.39 1.66 0.00	34.71 2.30 0.00	39.22 2.52 -0.09	35.76 2.16 -2.71	31.36 1.83 -3.33	25.64 1.65 -0.73	25.37 1.55 0.00	24.69 1.24 0.00
CRUCIBLE_METL_DRP 24180	23.89 -0.51 0.00	23.29 -0.50 0.00	22.50 -0.46 0.00	23.30 -0.48 0.00	24.81 -0.48 0.00	27.25 -0.44 0.00	34.65 -0.49 0.00	33.15 -0.13 -0.85	29.30 -0.12 -0.30	26.44 -0.13 -0.09	25.49 -0.13 0.00	22.41 -0.14 0.00	20.61 -0.17 0.00	20.06 -0.24 0.00	19.98 -0.28 0.00	20.59 -0.23 0.00	23.49 -0.24 0.00	32.09 -0.32 -0.01	36.26 -0.37 -0.02	30.86 -0.34 -0.31	26.36 -0.21 -0.38	23.00 -0.35 -0.08	23.30 -0.52 0.00	22.83 -0.61 0.00
DAHOWA__HYDRO 323763	25.77 1.37 0.00	25.02 1.24 0.00	24.13 1.17 0.00	25.04 1.26 0.00	26.65 1.36 0.00	29.24 1.55 0.00	37.46 2.32 0.00	43.47 2.17 -8.87	34.11 1.84 -3.17	29.00 1.59 -0.93	27.18 1.56 0.00	23.80 1.26 0.00	21.82 1.04 0.00	21.26 0.95 0.00	21.15 0.89 0.00	21.90 1.08 0.00	25.08 1.35 0.00	34.54 2.14 0.00	39.17 2.45 -0.11	36.10 1.98 -3.23	31.82 1.65 -3.97	25.50 1.37 -0.87	25.13 1.31 0.00	24.50 1.06 0.00
DANC__LFGE 323619	23.67 -0.73 0.00	23.10 -0.69 0.00	22.31 -0.64 0.00	23.16 -0.62 0.00	24.75 -0.53 0.00	27.28 -0.41 0.00	34.72 -0.42 0.00	32.71 -0.26 -0.55	29.04 -0.26 -0.19	26.25 -0.29 -0.06	25.31 -0.31 0.00	22.16 -0.38 0.00	20.34 -0.44 0.00	19.82 -0.49 0.00	19.78 -0.49 0.00	20.40 -0.42 0.00	23.40 -0.33 0.00	32.14 -0.26 0.00	36.44 -0.18 -0.01	30.81 -0.28 -0.20	26.02 -0.42 -0.24	22.81 -0.51 -0.05	23.16 -0.67 0.00	22.72 -0.73 0.00
DANSKAMMER__1 23586	25.97 1.56 0.00	25.21 1.43 0.00	24.33 1.38 0.00	25.13 1.35 0.00	26.75 1.47 0.00	29.33 1.63 0.00	37.81 2.67 0.00	42.14 2.66 -7.06	34.05 2.41 -2.52	29.42 2.20 -0.74	27.66 2.05 0.00	24.32 1.78 0.00	22.29 1.52 0.00	21.66 1.36 0.00	21.58 1.32 0.00	22.32 1.50 0.00	25.53 1.80 0.00	35.03 2.62 0.00	39.66 2.96 -0.08	35.93 2.47 -2.57	31.42 2.07 -3.16	25.77 1.82 -0.69	25.49 1.67 0.00	24.80 1.36 0.00
DANSKAMMER__2 23589	25.97 1.56 0.00	25.21 1.43 0.00	24.33 1.38 0.00	25.13 1.35 0.00	26.75 1.47 0.00	29.33 1.63 0.00	37.81 2.67 0.00	42.14 2.66 -7.06	34.05 2.41 -2.52	29.42 2.20 -0.74	27.66 2.05 0.00	24.32 1.78 0.00	22.29 1.52 0.00	21.66 1.36 0.00	21.58 1.32 0.00	22.32 1.50 0.00	25.53 1.80 0.00	35.03 2.62 0.00	39.66 2.96 -0.08	35.93 2.47 -2.57	31.42 2.07 -3.16	25.77 1.82 -0.69	25.49 1.67 0.00	24.80 1.36 0.00
DANSKAMMER__3 23590	25.97 1.56 0.00	25.21 1.43 0.00	24.33 1.38 0.00	25.13 1.35 0.00	26.75 1.47 0.00	29.33 1.63 0.00	37.81 2.67 0.00	42.14 2.66 -7.06	34.05 2.41 -2.52	29.42 2.20 -0.74	27.66 2.05 0.00	24.32 1.78 0.00	22.29 1.52 0.00	21.66 1.36 0.00	21.58 1.32 0.00	22.32 1.50 0.00	25.53 1.80 0.00	35.03 2.62 0.00	39.66 2.96 -0.08	35.93 2.47 -2.57	31.42 2.07 -3.16	25.77 1.82 -0.69	25.49 1.67 0.00	24.80 1.36 0.00



DANSKAMMER___4 23591	25.97 1.56 0.00	25.21 1.43 0.00	24.33 1.38 0.00	25.13 1.35 0.00	26.75 1.47 0.00	29.33 1.63 0.00	37.81 2.67 0.00	42.14 2.66 -7.06	34.05 2.41 -2.52	29.42 2.20 -0.74	27.66 2.05 0.00	24.32 1.78 0.00	22.29 1.52 0.00	21.66 1.36 0.00	21.58 1.32 0.00	22.32 1.50 0.00	25.53 1.80 0.00	35.03 2.62 0.00	39.66 2.96 -0.08	35.93 2.47 -2.57	31.42 2.07 -3.16	25.77 1.82 -0.69	25.49 1.67 0.00	24.80 1.36 0.00
DANSKAMMER___DIESEL 23592	25.92 1.51 0.00	25.21 1.43 0.00	24.33 1.38 0.00	25.13 1.36 0.00	26.75 1.47 0.00	29.33 1.63 0.00	37.81 2.67 0.00	42.14 2.66 -7.06	34.05 2.42 -2.52	29.42 2.20 -0.74	27.66 2.05 0.00	24.32 1.78 0.00	22.29 1.52 0.00	21.66 1.36 0.00	21.58 1.32 0.00	22.32 1.50 0.00	25.53 1.80 0.00	35.03 2.62 0.00	39.62 2.93 -0.08	35.93 2.47 -2.57	31.45 2.10 -3.16	25.75 1.79 -0.69	25.49 1.67 0.00	24.80 1.36 0.00
DARBY___SOLAR 323810	25.72 1.32 0.00	24.98 1.19 0.00	24.08 1.12 0.00	24.99 1.21 0.00	26.60 1.31 0.00	29.19 1.49 0.00	37.39 2.25 0.00	43.38 2.11 -8.85	34.08 1.81 -3.16	28.97 1.56 -0.93	27.15 1.54 0.00	23.80 1.26 0.00	21.84 1.06 0.00	21.28 0.97 0.00	21.18 0.91 0.00	21.90 1.08 0.00	25.06 1.33 0.00	34.48 2.08 0.00	39.10 2.38 -0.11	36.03 1.92 -3.22	31.75 1.60 -3.96	25.45 1.33 -0.86	25.11 1.29 0.00	24.47 1.03 0.00
DASHVILLE___HYD 23610	25.75 1.34 0.00	25.05 1.26 0.00	24.15 1.19 0.00	24.94 1.17 0.00	26.58 1.29 0.00	29.11 1.41 0.00	37.50 2.35 0.00	41.63 1.95 -7.26	33.51 1.80 -2.59	28.89 1.64 -0.76	27.43 1.82 0.00	24.12 1.58 0.00	22.11 1.33 0.00	21.48 1.18 0.00	21.40 1.13 0.00	22.13 1.31 0.00	25.32 1.59 0.00	34.74 2.33 0.00	39.19 2.49 -0.09	35.35 1.82 -2.64	30.99 1.55 -3.25	25.30 1.33 -0.71	25.32 1.50 0.00	24.62 1.17 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	30.00 2.56 -3.03	28.27 2.52 -1.96	25.32 2.36 0.00	26.13 2.35 0.00	28.17 2.55 -0.33	32.07 2.82 -1.55	41.32 4.29 -1.89	43.76 4.25 -7.09	41.21 3.93 -8.17	35.32 3.47 -5.37	31.71 3.33 -2.76	28.88 2.89 -3.45	27.69 2.53 -4.37	27.21 2.33 -4.57	29.00 2.35 -6.39	33.32 2.64 -9.86	35.45 3.13 -8.59	50.56 4.37 -13.78	56.81 4.80 -15.40	51.39 4.17 -16.33	46.07 3.54 -16.35	37.04 3.14 -10.63	32.50 3.05 -5.62	29.35 2.67 -3.23
DELAWARE___LFGE 323621	25.21 0.81 0.00	24.57 0.78 0.00	23.74 0.78 0.00	24.54 0.76 0.00	26.12 0.83 0.00	28.72 1.02 0.00	36.76 1.62 0.00	37.14 1.59 -3.13	31.71 1.48 -1.12	28.13 1.32 -0.33	26.92 1.31 0.00	23.62 1.08 0.00	21.69 0.91 0.00	21.08 0.77 0.00	21.01 0.75 0.00	21.70 0.87 0.00	24.82 1.09 0.00	34.00 1.59 -0.01	38.41 1.76 -0.04	33.45 1.42 -1.14	28.80 1.20 -1.40	24.55 0.98 -0.31	24.73 0.91 0.00	24.15 0.70 0.00
DERFIELD_115KV_TB7 355931	24.58 0.17 0.00	23.95 0.17 0.00	23.12 0.16 0.00	23.94 0.17 0.00	25.46 0.18 0.00	27.91 0.22 0.00	35.56 0.42 0.00	32.84 0.42 0.00	29.52 0.41 0.00	26.85 0.37 0.00	25.95 0.33 0.00	22.83 0.29 0.00	21.03 0.25 0.00	20.53 0.22 0.00	20.47 0.20 0.00	21.07 0.25 0.00	24.04 0.31 0.00	32.86 0.45 0.00	37.09 0.48 0.00	31.29 0.40 0.00	26.51 0.31 0.00	23.52 0.26 0.00	24.04 0.21 0.00	23.59 0.14 0.00
DOGLEVILLE___HYD 23807	25.04 0.63 0.00	24.40 0.62 0.00	23.58 0.62 0.00	24.42 0.64 0.00	25.99 0.71 0.00	28.55 0.86 0.00	36.34 1.20 0.00	33.59 1.17 0.00	30.19 1.08 0.00	27.46 0.98 0.00	26.56 0.95 0.00	23.33 0.79 0.00	21.38 0.60 0.00	20.87 0.57 0.00	20.83 0.57 0.00	21.49 0.67 0.00	24.54 0.81 0.00	33.57 1.16 0.00	37.93 1.32 0.00	31.88 0.99 0.00	26.87 0.68 0.00	23.82 0.56 0.00	24.25 0.43 0.00	23.75 0.30 0.00
DUNKIRK___115KV_TB_200 55889	22.70 -1.71 0.00	22.34 -1.45 0.00	21.67 -1.29 0.00	22.40 -1.38 0.00	23.79 -1.49 0.00	26.45 -1.25 0.00	33.49 -1.65 0.00	32.04 -1.59 -1.21	28.09 -1.46 -0.43	25.36 -1.24 -0.13	24.90 -0.72 0.00	22.23 -0.32 0.00	20.42 -0.35 0.00	19.67 -0.63 0.00	19.43 -0.83 0.00	20.18 -0.65 0.00	22.81 -0.93 0.00	30.74 -1.65 0.01	33.69 -2.93 -0.01	28.89 -2.44 -0.44	24.98 -1.75 -0.54	21.34 -2.05 -0.12	21.87 -1.95 0.00	21.36 -2.09 0.00
DUNKIRK___1 23563	22.70 -1.71 0.00	22.34 -1.45 0.00	21.67 -1.29 0.00	22.40 -1.38 0.00	23.79 -1.49 0.00	26.45 -1.25 0.00	33.49 -1.65 0.00	32.04 -1.59 -1.21	28.09 -1.46 -0.43	25.36 -1.24 -0.13	24.90 -0.72 0.00	22.23 -0.32 0.00	20.42 -0.35 0.00	19.67 -0.63 0.00	19.43 -0.83 0.00	20.18 -0.65 0.00	22.81 -0.93 0.00	30.74 -1.65 0.01	33.69 -2.93 -0.01	28.89 -2.44 -0.44	24.98 -1.75 -0.54	21.34 -2.05 -0.12	21.87 -1.95 0.00	21.36 -2.09 0.00
DUNKIRK___2 23564	22.70 -1.71 0.00	22.34 -1.45 0.00	21.67 -1.29 0.00	22.40 -1.38 0.00	23.79 -1.49 0.00	26.45 -1.25 0.00	33.49 -1.65 0.00	32.04 -1.59 -1.21	28.09 -1.46 -0.43	25.36 -1.24 -0.13	24.90 -0.72 0.00	22.23 -0.32 0.00	20.42 -0.35 0.00	19.67 -0.63 0.00	19.43 -0.83 0.00	20.18 -0.65 0.00	22.81 -0.93 0.00	30.74 -1.65 0.01	33.69 -2.93 -0.01	28.89 -2.44 -0.44	24.98 -1.75 -0.54	21.34 -2.05 -0.12	21.87 -1.95 0.00	21.36 -2.09 0.00
DUNKIRK___3 23565	22.70 -1.71 0.00	22.34 -1.45 0.00	21.65 -1.31 0.00	22.37 -1.40 0.00	23.72 -1.57 0.00	26.34 -1.36 0.00	33.28 -1.86 0.00	31.81 -1.82 -1.20	27.88 -1.66 -0.43	25.15 -1.46 -0.13	24.72 -0.90 0.00	22.05 -0.50 0.00	20.28 -0.50 0.00	19.53 -0.77 0.00	19.31 -0.95 0.00	20.03 -0.79 0.00	22.64 -1.09 0.00	30.52 -1.88 0.01	33.51 -3.11 -0.01	28.73 -2.59 -0.44	24.89 -1.83 -0.54	21.31 -2.07 -0.12	21.85 -1.98 0.00	21.36 -2.09 0.00
DUNKIRK___4 23566	22.70 -1.71 0.00	22.34 -1.45 0.00	21.65 -1.31 0.00	22.37 -1.40 0.00	23.72 -1.57 0.00	26.34 -1.36 0.00	33.28 -1.86 0.00	31.81 -1.82 -1.20	27.88 -1.66 -0.43	25.18 -1.43 -0.13	24.69 -0.92 0.00	22.05 -0.50 0.00	20.26 -0.52 0.00	19.51 -0.79 0.00	19.29 -0.97 0.00	20.03 -0.79 0.00	22.64 -1.09 0.00	30.52 -1.88 0.01	33.51 -3.11 -0.01	28.73 -2.59 -0.44	24.89 -1.83 -0.54	21.31 -2.07 -0.12	21.85 -1.98 0.00	21.36 -2.09 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	25.94 1.54 0.00	25.19 1.40 0.00	24.31 1.35 0.00	25.11 1.33 0.00	26.73 1.44 0.00	29.30 1.61 0.00	37.81 2.67 0.00	42.15 2.72 -7.00	34.20 2.59 -2.50	29.64 2.41 -0.74	27.87 2.25 0.00	24.57 2.01 -0.02	22.60 1.77 -0.05	21.97 1.60 -0.06	21.85 1.54 -0.05	22.60 1.73 -0.05	25.79 2.02 -0.04	35.22 2.82 0.00	39.77 3.08 -0.08	36.15 2.72 -2.55	31.63 2.30 -3.13	25.95 2.00 -0.68	25.68 1.86 0.00	24.90 1.45 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	25.72 1.32 0.00	25.05 1.26 0.00	24.15 1.19 0.00	24.94 1.17 0.00	26.55 1.26 0.00	29.11 1.41 0.00	37.50 2.35 0.00	41.63 2.37 -6.84	33.74 2.18 -2.44	29.19 1.99 -0.72	27.46 1.84 0.00	24.16 1.62 0.00	22.17 1.39 0.00	21.52 1.22 0.00	21.46 1.20 0.00	22.17 1.35 0.00	25.37 1.64 0.00	34.77 2.37 0.00	39.29 2.60 -0.08	35.60 2.22 -2.49	31.14 1.89 -3.06	25.56 1.63 -0.67	25.35 1.52 0.00	24.64 1.20 0.00



E179THST_138_KV_TB4_REV_LBMP_J 345001	26.04 1.64 0.00	25.31 1.52 0.00	24.33 1.38 0.00	25.06 1.28 0.00	26.75 1.47 0.00	29.11 1.41 0.00	37.71 2.57 0.00	42.14 2.72 -7.00	34.27 2.65 -2.51	29.70 2.46 -0.75	27.94 2.31 -0.02	24.65 2.05 -0.05	22.75 1.83 -0.14	22.12 1.66 -0.15	21.99 1.60 -0.13	22.75 1.79 -0.14	25.94 2.11 -0.09	35.30 2.88 -0.02	39.90 3.19 -0.10	36.20 2.75 -2.56	31.67 2.33 -3.15	26.07 2.12 -0.69	25.82 1.98 -0.02	24.94 1.50 0.00
E179THST_13_KV_LOAD 356214	26.14 1.73 0.00	25.38 1.59 0.00	24.40 1.45 0.00	25.16 1.38 0.00	26.83 1.54 0.00	29.22 1.52 0.00	37.85 2.71 0.00	42.27 2.85 -7.00	34.42 2.79 -2.51	29.83 2.60 -0.75	28.06 2.43 -0.02	24.76 2.16 -0.05	22.85 1.93 -0.14	22.20 1.75 -0.15	22.09 1.70 -0.13	22.86 1.89 -0.14	26.03 2.21 -0.09	35.47 3.05 -0.02	40.08 3.37 -0.10	36.35 2.90 -2.56	31.80 2.46 -3.15	26.17 2.21 -0.69	25.91 2.07 -0.02	25.04 1.59 0.00
EAST HAMPTON___GT 23717	30.12 2.68 -3.03	28.31 2.57 -1.96	25.39 2.43 0.00	26.20 2.43 0.00	28.23 2.61 -0.33	32.10 2.85 -1.55	41.39 4.36 -1.89	43.86 4.35 -7.09	41.27 3.99 -8.17	35.40 3.55 -5.37	31.76 3.38 -2.76	28.95 2.95 -3.45	27.73 2.58 -4.37	27.27 2.39 -4.57	29.06 2.41 -6.39	33.40 2.73 -9.86	35.60 3.28 -8.59	50.82 4.63 -13.78	57.21 5.20 -15.40	51.69 4.48 -16.33	46.31 3.77 -16.34	37.30 3.40 -10.63	32.71 3.26 -5.62	29.56 2.88 -3.23
EAST RIVER___6 23660	26.02 1.61 0.00	25.24 1.45 0.00	24.29 1.33 0.00	25.06 1.28 0.00	26.73 1.44 0.00	29.27 1.58 0.00	37.89 2.74 0.00	42.28 2.85 -7.00	34.42 2.80 -2.51	30.49 2.60 -1.41	28.07 2.43 -0.02	26.26 2.16 -1.55	26.38 1.91 -3.69	26.08 1.75 -4.03	25.29 1.68 -3.34	26.39 1.87 -3.70	28.46 2.18 -2.55	35.47 3.05 -0.02	40.04 3.33 -0.10	36.32 2.87 -2.56	31.75 2.41 -3.15	26.10 2.12 -0.72	25.81 1.98 -0.02	24.95 1.50 0.00
EAST RIVER___7 23524	26.02 1.61 0.00	25.24 1.45 0.00	24.29 1.33 0.00	25.06 1.28 0.00	26.73 1.44 0.00	29.27 1.58 0.00	37.89 2.74 0.00	42.28 2.85 -7.00	34.42 2.80 -2.51	30.49 2.60 -1.41	28.07 2.43 -0.02	26.26 2.16 -1.55	26.38 1.91 -3.69	26.08 1.75 -4.03	25.29 1.68 -3.34	26.39 1.87 -3.70	28.46 2.18 -2.55	35.47 3.05 -0.02	40.04 3.33 -0.10	36.32 2.87 -2.56	31.75 2.41 -3.15	26.10 2.12 -0.72	25.81 1.98 -0.02	24.95 1.50 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	25.89 1.49 0.00	25.19 1.40 0.00	24.26 1.31 0.00	25.06 1.28 0.00	26.68 1.39 0.00	29.24 1.55 0.00	37.74 2.60 0.00	42.06 2.66 -6.98	34.13 2.53 -2.49	29.57 2.36 -0.73	27.79 2.18 0.00	24.48 1.94 0.00	22.48 1.70 0.00	21.85 1.54 0.00	21.74 1.48 0.00	22.49 1.67 0.00	25.68 1.95 0.00	35.13 2.72 0.00	39.70 3.00 -0.08	36.05 2.63 -2.54	31.54 2.23 -3.12	25.88 1.93 -0.68	25.63 1.81 0.00	24.85 1.41 0.00
EAST_HAMPTON___DIESEL 23722	30.10 2.66 -3.03	28.29 2.55 -1.96	25.37 2.41 0.00	26.18 2.40 0.00	28.20 2.58 -0.33	32.07 2.83 -1.55	41.35 4.32 -1.89	43.83 4.31 -7.09	41.24 3.96 -8.17	35.38 3.52 -5.37	31.73 3.35 -2.76	28.92 2.93 -3.45	27.73 2.58 -4.37	27.25 2.37 -4.57	29.04 2.39 -6.39	33.38 2.71 -9.86	35.57 3.25 -8.59	50.82 4.63 -13.78	57.17 5.16 -15.40	51.69 4.48 -16.33	46.31 3.77 -16.34	37.30 3.40 -10.63	32.71 3.26 -5.62	29.56 2.88 -3.23
EAST_PULASKI___ESR 323781	23.60 -0.81 0.00	23.03 -0.76 0.00	22.24 -0.71 0.00	23.06 -0.71 0.00	24.58 -0.71 0.00	27.06 -0.64 0.00	34.40 -0.74 0.00	32.60 -0.45 -0.63	28.90 -0.44 -0.23	26.15 -0.40 -0.07	25.21 -0.41 0.00	22.11 -0.43 0.00	20.32 -0.46 0.00	19.80 -0.51 0.00	19.76 -0.51 0.00	20.36 -0.46 0.00	23.26 -0.47 0.00	31.85 -0.55 0.00	36.03 -0.59 -0.01	30.56 -0.56 -0.23	26.00 -0.47 -0.28	22.75 -0.58 -0.06	23.06 -0.76 0.00	22.60 -0.84 0.00
EAST_RIVER___1 323558	26.07 1.66 0.00	25.29 1.50 0.00	24.33 1.38 0.00	25.13 1.35 0.00	26.78 1.49 0.00	29.33 1.63 0.00	37.92 2.78 0.00	42.31 2.88 -7.00	34.39 2.77 -2.51	30.46 2.57 -1.41	28.04 2.41 -0.02	26.24 2.14 -1.55	26.36 1.89 -3.69	26.06 1.72 -4.03	25.27 1.66 -3.34	26.39 1.87 -3.70	28.44 2.16 -2.55	35.43 3.01 -0.02	40.04 3.33 -0.10	36.32 2.87 -2.56	31.75 2.41 -3.15	26.12 2.14 -0.72	25.84 2.00 -0.02	24.99 1.55 0.00
EAST_RIVER___2 323559	26.02 1.61 0.00	25.24 1.45 0.00	24.29 1.33 0.00	25.06 1.28 0.00	26.73 1.44 0.00	29.27 1.58 0.00	37.89 2.74 0.00	42.28 2.85 -7.00	34.42 2.80 -2.51	30.49 2.60 -1.41	28.07 2.43 -0.02	26.26 2.16 -1.55	26.38 1.91 -3.69	26.08 1.75 -4.03	25.29 1.68 -3.34	26.39 1.87 -3.70	28.46 2.18 -2.55	35.47 3.05 -0.02	40.04 3.33 -0.10	36.32 2.87 -2.56	31.75 2.41 -3.15	26.10 2.12 -0.72	25.81 1.98 -0.02	24.95 1.50 0.00
EAST___DELAWARE_HYD 23607	25.60 1.20 0.00	24.88 1.09 0.00	24.01 1.06 0.00	24.80 1.02 0.00	26.43 1.14 0.00	29.00 1.30 0.00	37.36 2.22 0.00	41.01 2.24 -6.35	33.36 2.24 -2.27	28.87 1.72 -0.67	27.15 1.54 0.00	23.83 1.28 0.00	21.26 0.48 0.00	20.65 0.34 0.00	20.59 0.32 0.00	21.32 0.50 0.00	24.49 0.76 0.00	33.67 1.26 0.00	38.19 1.50 -0.08	34.44 1.24 -2.31	30.69 1.65 -2.84	25.33 1.44 -0.62	25.08 1.26 0.00	24.41 0.96 0.00
EIGHT_POINT___WT_PWR 323820	24.55 0.15 0.00	24.02 0.24 0.00	23.23 0.28 0.00	24.11 0.33 0.00	25.74 0.46 0.00	28.55 0.86 0.00	36.58 1.44 0.00	35.54 1.43 -1.69	30.96 1.25 -0.60	27.69 1.03 -0.18	26.95 1.33 0.00	23.74 1.19 0.00	21.79 1.02 0.00	21.06 0.75 0.00	20.95 0.69 0.00	21.74 0.92 0.00	24.92 1.19 0.00	34.08 1.65 -0.02	38.15 1.50 -0.03	32.43 0.93 -0.61	27.52 0.58 -0.76	23.78 0.35 -0.16	23.97 0.14 0.00	23.40 -0.05 0.00
ELBRIDGE_115KV_TB2 80188	23.77 -0.63 0.00	23.19 -0.59 0.00	22.38 -0.57 0.00	23.21 -0.57 0.00	24.68 -0.61 0.00	27.14 -0.55 0.00	34.51 -0.63 0.00	33.06 -0.26 -0.89	29.20 -0.23 -0.32	26.34 -0.24 -0.09	25.36 -0.26 0.00	22.32 -0.23 0.00	20.51 -0.27 0.00	19.96 -0.35 0.00	19.90 -0.36 0.00	20.51 -0.31 0.00	23.40 -0.33 0.00	31.97 -0.45 -0.02	36.08 -0.55 -0.02	30.75 -0.46 -0.33	26.25 -0.34 -0.40	22.91 -0.44 -0.09	23.20 -0.62 0.00	22.72 -0.73 0.00
ELEC_TRO_TEK 24086	29.34 1.90 -3.03	27.55 1.81 -1.96	24.65 1.70 0.00	25.44 1.66 0.00	27.44 1.82 -0.33	31.27 2.02 -1.55	40.23 3.20 -1.89	42.60 3.18 -6.99	40.31 3.03 -8.17	34.66 2.81 -5.37	31.02 2.64 -2.76	28.36 2.37 -3.45	27.23 2.08 -4.37	26.77 1.89 -4.57	28.50 1.84 -6.39	32.72 2.04 -9.86	34.67 2.35 -8.59	40.88 3.27 -5.21	48.17 3.59 -7.97	41.05 3.12 -7.04	37.45 2.67 -8.59	36.11 2.33 -10.52	31.64 2.19 -5.62	28.48 1.81 -3.23
ELLENBURG_WT_PWR 323604	23.89 -0.51 0.00	23.38 -0.40 0.00	22.52 -0.44 0.00	23.47 -0.31 0.00	24.98 -0.30 0.00	27.39 -0.30 0.00	34.40 -0.74 0.00	31.55 -0.87 0.00	28.33 -0.78 0.00	25.77 -0.71 0.00	24.79 -0.82 0.00	21.75 -0.79 0.00	20.07 -0.71 0.00	19.76 -0.55 0.00	19.88 -0.39 0.00	20.40 -0.42 0.00	23.75 0.02 0.00	32.82 0.42 0.00	37.23 0.62 0.00	31.38 0.49 0.00	26.61 0.42 0.00	23.50 0.23 0.00	24.13 0.31 0.00	23.84 0.40 0.00



ELM_ST_23_KV_LD_REV_LBMP_A 345012	22.43 -1.98 0.00	22.07 -1.71 0.00	21.35 -1.61 0.00	22.07 -1.71 0.00	23.34 -1.95 0.00	25.84 -1.86 0.00	32.51 -2.64 0.00	31.30 -2.27 -1.14	27.48 -2.04 -0.41	24.80 -1.80 -0.12	24.18 -1.43 0.00	21.57 -0.97 0.00	19.82 -0.96 0.00	19.13 -1.18 0.00	18.93 -1.34 0.00	19.63 -1.19 0.00	22.14 -1.59 0.00	29.87 -2.53 0.01	32.92 -3.70 -0.01	28.40 -2.90 -0.42	24.69 -2.02 -0.51	21.17 -2.21 -0.11	21.58 -2.24 0.00	21.08 -2.37 0.00
EMPIRE_CC_1 323656	25.33 0.93 0.00	24.62 0.83 0.00	23.76 0.80 0.00	24.59 0.81 0.00	26.15 0.86 0.00	28.64 0.94 0.00	36.58 1.44 0.00	42.13 1.39 -8.32	33.39 1.31 -2.97	28.60 1.24 -0.87	26.77 1.15 0.00	23.65 1.10 0.00	21.75 0.98 0.00	21.20 0.89 0.00	21.11 0.85 0.00	21.80 0.98 0.00	24.80 1.07 0.00	33.86 1.46 0.00	38.28 1.57 -0.10	35.24 1.33 -3.03	31.04 1.13 -3.72	25.10 1.02 -0.81	24.80 0.98 0.00	24.31 0.87 0.00
EMPIRE_CC_2 323658	25.33 0.93 0.00	24.62 0.83 0.00	23.76 0.80 0.00	24.59 0.81 0.00	26.15 0.86 0.00	28.64 0.94 0.00	36.58 1.44 0.00	42.13 1.39 -8.32	33.39 1.31 -2.97	28.60 1.24 -0.87	26.77 1.15 0.00	23.65 1.10 0.00	21.75 0.98 0.00	21.20 0.89 0.00	21.11 0.85 0.00	21.80 0.98 0.00	24.80 1.07 0.00	33.86 1.46 0.00	38.28 1.57 -0.10	35.24 1.33 -3.03	31.04 1.13 -3.72	25.10 1.02 -0.81	24.80 0.98 0.00	24.31 0.87 0.00
ENORWICH_115KV_TB1 80156	25.82 1.42 0.00	25.24 1.45 0.00	24.40 1.45 0.00	25.30 1.52 0.00	27.03 1.74 0.00	30.02 2.33 0.00	38.45 3.30 0.00	38.00 3.27 -2.30	32.84 2.91 -0.82	29.08 2.36 -0.24	28.02 2.41 0.00	24.39 1.85 0.00	22.27 1.50 0.00	21.58 1.28 0.00	21.56 1.30 0.00	22.38 1.56 0.00	25.94 2.21 0.00	35.82 3.40 -0.01	40.53 3.88 -0.04	34.69 2.97 -0.84	29.61 2.38 -1.03	25.23 1.74 -0.22	25.37 1.55 0.00	24.71 1.27 0.00
ERIE_ST__34_KV_TB1-2 80199	22.99 -1.42 0.00	22.60 -1.19 0.00	21.88 -1.08 0.00	22.59 -1.19 0.00	23.92 -1.37 0.00	26.50 -1.19 0.00	34.02 -1.12 0.00	31.11 -2.53 -1.21	27.22 -2.33 -0.43	24.54 -2.07 -0.13	25.05 -0.56 0.00	22.36 -0.18 0.00	20.57 -0.21 0.00	19.80 -0.51 0.00	19.58 -0.69 0.00	20.32 -0.50 0.00	23.00 -0.74 0.00	30.91 -1.49 0.01	33.14 -3.48 -0.01	28.18 -3.15 -0.44	24.40 -2.33 -0.54	20.92 -2.47 -0.12	22.35 -1.48 0.00	21.94 -1.50 0.00
ERIE_WT_PWR 323693	22.60 -1.81 0.00	22.24 -1.55 0.00	21.53 -1.42 0.00	22.23 -1.55 0.00	23.52 -1.77 0.00	26.09 -1.61 0.00	32.79 -2.35 0.00	31.43 -2.17 -1.18	27.55 -1.98 -0.42	24.86 -1.75 -0.12	24.39 -1.23 0.00	21.75 -0.79 0.00	20.01 -0.77 0.00	19.29 -1.01 0.00	19.07 -1.20 0.00	19.80 -1.02 0.00	22.33 -1.40 0.00	30.09 -2.30 0.01	33.25 -3.37 -0.01	28.51 -2.81 -0.43	24.28 -2.44 -0.53	21.33 -2.05 -0.12	21.70 -2.12 0.00	21.24 -2.20 0.00
ESPRGFLD_115KV_TB1 80157	25.45 1.05 0.00	24.81 1.02 0.00	23.92 0.96 0.00	24.80 1.02 0.00	26.45 1.16 0.00	29.16 1.47 0.00	37.36 2.21 0.00	34.71 2.14 -0.15	30.97 1.80 -0.05	28.03 1.54 -0.02	27.13 1.51 0.00	23.71 1.17 0.00	21.71 0.93 0.00	21.06 0.75 0.00	20.99 0.73 0.00	21.72 0.90 0.00	24.99 1.26 0.00	34.42 2.01 0.00	39.00 2.38 0.00	32.76 1.82 -0.05	27.75 1.49 -0.07	24.47 1.19 -0.01	24.89 1.07 0.00	24.24 0.80 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	24.60 0.20 0.00	24.00 0.21 0.00	23.18 0.23 0.00	24.04 0.26 0.00	25.59 0.30 0.00	28.19 0.50 0.00	35.95 0.81 0.00	35.11 0.97 -1.71	30.57 0.84 -0.61	27.35 0.69 -0.18	26.31 0.69 0.00	23.08 0.54 0.00	21.19 0.42 0.00	20.59 0.28 0.00	20.51 0.24 0.00	21.22 0.40 0.00	24.32 0.59 0.00	33.33 0.91 -0.02	37.56 0.92 -0.03	32.22 0.71 -0.62	27.59 0.63 -0.77	23.78 0.35 -0.17	24.01 0.19 0.00	23.49 0.05 0.00
ETNA____115KV_TB2 80207	24.60 0.20 0.00	24.00 0.21 0.00	23.18 0.23 0.00	24.04 0.26 0.00	25.59 0.30 0.00	28.19 0.50 0.00	35.95 0.81 0.00	35.11 0.97 -1.71	30.57 0.84 -0.61	27.35 0.69 -0.18	26.31 0.69 0.00	23.08 0.54 0.00	21.19 0.42 0.00	20.59 0.28 0.00	20.51 0.24 0.00	21.22 0.40 0.00	24.32 0.59 0.00	33.33 0.91 -0.02	37.56 0.92 -0.03	32.22 0.71 -0.62	27.59 0.63 -0.77	23.78 0.35 -0.17	24.01 0.19 0.00	23.49 0.05 0.00
EUCLID__115KV_TB2 356179	23.58 -0.83 0.00	23.00 -0.78 0.00	22.20 -0.76 0.00	23.02 -0.76 0.00	24.48 -0.81 0.00	26.86 -0.83 0.00	34.16 -0.98 0.00	32.55 -0.62 -0.74	28.85 -0.52 -0.26	26.08 -0.48 -0.08	25.13 -0.49 0.00	22.11 -0.43 0.00	20.34 -0.44 0.00	19.80 -0.51 0.00	19.74 -0.53 0.00	20.34 -0.48 0.00	23.19 -0.55 0.00	31.59 -0.81 0.00	35.67 -0.95 -0.01	30.38 -0.77 -0.27	25.95 -0.58 -0.33	22.71 -0.63 -0.07	23.01 -0.81 0.00	22.55 -0.89 0.00
E_CANADA_CAP_HY 24051	25.65 1.24 0.00	24.98 1.19 0.00	24.08 1.12 0.00	24.99 1.21 0.00	26.65 1.36 0.00	29.35 1.66 0.00	37.64 2.50 0.00	45.03 2.34 -10.27	34.64 1.86 -3.67	29.10 1.54 -1.08	27.13 1.51 0.00	23.69 1.15 0.00	21.69 0.91 0.00	20.99 0.69 0.00	20.91 0.65 0.00	21.70 0.87 0.00	24.96 1.23 0.00	34.48 2.08 0.00	39.23 2.49 -0.12	36.54 1.92 -3.74	32.31 1.52 -4.60	25.62 1.35 -1.00	25.04 1.21 0.00	24.34 0.89 0.00
E_CANADA_MHWK_HY 24050	25.04 0.63 0.00	24.40 0.62 0.00	23.58 0.62 0.00	24.42 0.64 0.00	25.99 0.71 0.00	28.55 0.86 0.00	36.34 1.20 0.00	33.59 1.17 0.00	30.19 1.08 0.00	27.46 0.98 0.00	26.56 0.95 0.00	23.33 0.79 0.00	21.38 0.60 0.00	20.87 0.57 0.00	20.83 0.57 0.00	21.49 0.67 0.00	24.54 0.81 0.00	33.57 1.16 0.00	37.93 1.32 0.00	31.88 0.99 0.00	26.87 0.68 0.00	23.82 0.56 0.00	24.25 0.43 0.00	23.75 0.30 0.00
E_FISHKILL__LBMP 23776	25.72 1.32 0.00	25.02 1.24 0.00	24.13 1.17 0.00	24.94 1.17 0.00	26.55 1.26 0.00	29.08 1.38 0.00	37.43 2.28 0.00	41.97 2.33 -7.21	33.90 2.21 -2.57	29.28 2.04 -0.76	27.54 1.92 0.00	24.25 1.71 0.00	22.27 1.50 0.00	21.64 1.34 0.00	21.56 1.30 0.00	22.28 1.46 0.00	25.44 1.71 0.00	34.80 2.40 0.00	39.30 2.60 -0.09	35.77 2.25 -2.62	31.36 1.94 -3.23	25.67 1.70 -0.70	25.39 1.57 0.00	24.69 1.24 0.00
FALCON__SEABRD_CC1 323796	24.18 -0.22 0.00	23.67 -0.12 0.00	22.80 -0.16 0.00	23.78 0.00 0.00	25.31 0.03 0.00	27.78 0.08 0.00	34.86 -0.28 0.00	31.97 -0.45 0.00	28.73 -0.38 0.00	26.11 -0.37 0.00	25.15 -0.46 0.00	22.02 -0.52 0.00	20.34 -0.44 0.00	20.00 -0.30 0.00	20.12 -0.14 0.00	20.68 -0.14 0.00	24.11 0.38 0.00	33.31 0.91 0.00	37.82 1.21 0.00	31.88 0.99 0.00	27.00 0.81 0.00	23.82 0.56 0.00	24.47 0.64 0.00	24.12 0.68 0.00
FALCON__SEABRD_CC2 323797	24.18 -0.22 0.00	23.67 -0.12 0.00	22.80 -0.16 0.00	23.78 0.00 0.00	25.31 0.03 0.00	27.78 0.08 0.00	34.86 -0.28 0.00	31.97 -0.45 0.00	28.73 -0.38 0.00	26.11 -0.37 0.00	25.15 -0.46 0.00	22.02 -0.52 0.00	20.34 -0.44 0.00	20.00 -0.30 0.00	20.12 -0.14 0.00	20.68 -0.14 0.00	24.11 0.38 0.00	33.31 0.91 0.00	37.82 1.21 0.00	31.88 0.99 0.00	27.00 0.81 0.00	23.82 0.56 0.00	24.47 0.64 0.00	24.12 0.68 0.00



FAR ROCKAWAY___4 23548	29.68 2.25 -3.03	27.89 2.14 -1.96	24.98 2.02 0.00	25.77 2.00 0.00	27.80 2.17 -0.33	31.68 2.44 -1.55	40.68 3.65 -1.89	43.05 3.63 -6.99	40.68 3.41 -8.17	35.03 3.18 -5.37	31.38 3.00 -2.76	28.65 2.66 -3.45	27.52 2.37 -4.37	27.05 2.17 -4.57	28.76 2.11 -6.39	32.99 2.31 -9.86	34.98 2.66 -8.59	41.19 3.60 -5.19	48.52 3.95 -7.95	41.34 3.43 -7.02	37.69 2.91 -8.59	36.41 2.63 -10.52	31.92 2.48 -5.62	28.77 2.09 -3.23
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	26.04 1.64 0.00	25.33 1.55 0.00	24.38 1.42 0.00	25.16 1.38 0.00	26.80 1.52 0.00	29.35 1.66 0.00	37.99 2.85 0.00	42.37 2.95 -7.00	34.45 2.82 -2.51	30.51 2.62 -1.41	28.09 2.46 -0.02	26.28 2.19 -1.55	26.41 1.93 -3.70	26.09 1.75 -4.04	25.32 1.70 -3.35	26.42 1.89 -3.70	28.47 2.18 -2.56	35.47 3.05 -0.02	40.08 3.37 -0.10	36.38 2.93 -2.56	31.83 2.49 -3.15	26.14 2.16 -0.72	25.89 2.05 -0.02	25.02 1.57 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	26.04 1.64 0.00	25.31 1.52 0.00	24.38 1.42 0.00	25.16 1.38 0.00	26.80 1.52 0.00	29.35 1.66 0.00	37.99 2.85 0.00	42.34 2.92 -7.00	34.45 2.82 -2.51	30.49 2.60 -1.41	28.06 2.43 -0.02	26.28 2.19 -1.55	26.39 1.91 -3.70	26.09 1.75 -4.04	25.30 1.68 -3.35	26.40 1.87 -3.70	28.47 2.18 -2.56	35.47 3.05 -0.02	40.04 3.33 -0.10	36.35 2.90 -2.56	31.83 2.49 -3.15	26.14 2.16 -0.72	25.86 2.02 -0.02	25.02 1.57 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	26.02 1.61 0.00	25.31 1.52 0.00	24.36 1.40 0.00	25.13 1.36 0.00	26.78 1.49 0.00	29.33 1.63 0.00	37.95 2.81 0.00	42.31 2.89 -7.00	34.42 2.79 -2.51	30.46 2.57 -1.41	28.04 2.41 -0.02	26.26 2.16 -1.55	26.37 1.89 -3.70	26.07 1.73 -4.04	25.28 1.66 -3.35	26.38 1.85 -3.70	28.45 2.16 -2.56	35.43 3.01 -0.02	40.01 3.30 -0.10	36.32 2.87 -2.56	31.80 2.46 -3.15	26.12 2.14 -0.72	25.84 2.00 -0.02	24.99 1.55 0.00
FARRAGUT___LBMP 323566	25.99 1.59 0.00	25.28 1.50 0.00	24.33 1.38 0.00	25.11 1.33 0.00	26.78 1.49 0.00	29.30 1.61 0.00	37.92 2.78 0.00	42.27 2.85 -7.00	34.39 2.77 -2.51	30.46 2.57 -1.41	28.04 2.41 -0.02	26.24 2.14 -1.55	26.37 1.89 -3.70	26.05 1.71 -4.04	25.28 1.66 -3.35	26.38 1.85 -3.70	28.42 2.14 -2.56	35.40 2.98 -0.02	39.97 3.26 -0.10	36.29 2.84 -2.56	31.78 2.44 -3.15	26.10 2.12 -0.72	25.84 2.00 -0.02	24.99 1.55 0.00
FENNER___WINDPWR 24204	24.67 0.27 0.00	24.05 0.26 0.00	23.23 0.28 0.00	24.09 0.31 0.00	25.67 0.38 0.00	28.25 0.55 0.00	35.98 0.84 0.00	34.03 1.23 -0.38	30.38 1.13 -0.13	27.45 0.93 -0.04	26.51 0.90 0.00	23.22 0.68 0.00	21.32 0.54 0.00	20.77 0.47 0.00	20.73 0.47 0.00	21.38 0.56 0.00	24.49 0.76 0.00	33.57 1.16 0.00	38.01 1.39 0.00	32.04 1.02 -0.14	27.09 0.73 -0.17	23.86 0.56 -0.04	24.27 0.45 0.00	23.82 0.37 0.00
FIBERTEK___ENERGY 23856	23.89 -0.51 0.00	23.29 -0.50 0.00	22.50 -0.46 0.00	23.30 -0.48 0.00	24.81 -0.48 0.00	27.25 -0.44 0.00	34.65 -0.49 0.00	33.15 -0.13 -0.85	29.30 -0.12 -0.30	26.44 -0.13 -0.09	25.49 -0.13 0.00	22.41 -0.14 0.00	20.61 -0.17 0.00	20.06 -0.24 0.00	19.98 -0.28 0.00	20.59 -0.23 0.00	23.49 -0.24 0.00	32.09 -0.32 -0.01	36.26 -0.37 -0.02	30.86 -0.34 -0.31	26.36 -0.21 -0.38	23.00 -0.35 -0.08	23.30 -0.52 0.00	22.83 -0.61 0.00
FITZPATRICK___ 23598	23.31 -1.10 0.00	22.72 -1.07 0.00	21.95 -1.01 0.00	22.73 -1.05 0.00	24.17 -1.11 0.00	26.53 -1.16 0.00	33.70 -1.44 0.00	31.87 -1.10 -0.55	28.35 -0.96 -0.20	25.67 -0.87 -0.06	24.74 -0.87 0.00	21.77 -0.77 0.00	20.03 -0.75 0.00	19.53 -0.77 0.00	19.47 -0.79 0.00	20.05 -0.77 0.00	22.85 -0.88 0.00	31.17 -1.23 0.00	35.23 -1.39 -0.01	29.91 -1.17 -0.20	25.42 -1.02 -0.25	22.39 -0.93 -0.05	22.75 -1.07 0.00	22.32 -1.12 0.00
FLOWRFLD_69_KV_BK1 356044	29.76 2.32 -3.03	27.98 2.24 -1.96	25.04 2.09 0.00	25.87 2.09 0.00	27.92 2.30 -0.33	31.79 2.55 -1.55	41.00 3.97 -1.89	43.45 3.92 -7.11	40.95 3.67 -8.17	35.14 3.28 -5.37	31.50 3.13 -2.76	28.72 2.73 -3.45	27.56 2.41 -4.37	27.09 2.21 -4.57	28.84 2.19 -6.39	33.13 2.46 -9.86	35.19 2.87 -8.59	51.91 4.05 -15.45	57.89 4.43 -16.85	52.86 3.83 -18.14	47.27 3.22 -17.86	36.74 2.82 -10.66	32.14 2.69 -5.62	28.95 2.27 -3.23
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	25.97 1.56 0.00	25.26 1.47 0.00	24.38 1.42 0.00	25.18 1.40 0.00	26.80 1.52 0.00	29.38 1.69 0.00	37.88 2.74 0.00	42.23 2.72 -7.08	34.11 2.47 -2.53	29.48 2.25 -0.74	27.72 2.10 0.00	24.34 1.80 0.00	22.31 1.54 0.00	21.68 1.38 0.00	21.60 1.34 0.00	22.34 1.52 0.00	25.58 1.85 0.00	35.09 2.69 0.00	39.66 2.97 -0.08	36.00 2.53 -2.58	31.51 2.15 -3.17	25.79 1.84 -0.69	25.54 1.72 0.00	24.83 1.38 0.00
FORT ORANGE___ 23900	25.33 0.93 0.00	24.64 0.86 0.00	23.81 0.85 0.00	24.63 0.85 0.00	26.17 0.88 0.00	28.69 1.00 0.00	36.73 1.58 0.00	42.47 1.49 -8.55	33.48 1.31 -3.05	28.52 1.14 -0.90	26.79 1.18 0.00	23.60 1.06 0.00	21.71 0.94 0.00	21.16 0.85 0.00	21.08 0.81 0.00	21.78 0.96 0.00	24.82 1.09 0.00	33.96 1.56 0.00	38.47 1.76 -0.10	35.36 1.36 -3.11	31.15 1.13 -3.83	25.17 1.07 -0.83	24.85 1.02 0.00	24.41 0.96 0.00
FORT_DRUM_COGEN 23780	23.82 -0.59 0.00	23.22 -0.57 0.00	22.47 -0.48 0.00	23.35 -0.43 0.00	25.03 -0.25 0.00	27.64 -0.06 0.00	35.18 0.04 0.00	32.95 0.10 -0.43	29.30 0.03 -0.15	26.42 -0.11 -0.05	25.51 -0.10 0.00	22.25 -0.29 0.00	20.40 -0.37 0.00	19.90 -0.41 0.00	19.90 -0.36 0.00	20.53 -0.29 0.00	23.66 -0.07 0.00	32.63 0.23 0.00	37.06 0.44 -0.01	31.20 0.15 -0.16	26.23 -0.16 -0.19	22.94 -0.37 -0.04	23.32 -0.50 0.00	22.91 -0.54 0.00
FOX_HILLS___ESR 323835	26.24 1.83 0.00	25.48 1.69 0.00	24.49 1.54 0.00	25.25 1.47 0.00	26.93 1.64 0.00	29.35 1.66 0.00	38.02 2.88 0.00	42.44 3.02 -7.00	34.51 2.88 -2.51	30.55 2.65 -1.42	28.09 2.46 -0.02	26.30 2.19 -1.57	26.47 1.95 -3.74	26.17 1.79 -4.08	25.37 1.72 -3.38	26.50 1.94 -3.74	28.59 2.28 -2.58	35.56 3.14 -0.02	130.90 3.48 -90.81	36.45 3.00 -2.56	31.85 2.51 -3.15	26.28 2.30 -0.72	26.03 2.19 -0.02	25.11 1.66 0.00
FPL_FAR_ROCK_GT1 24212	29.74 2.29 -3.04	27.89 2.14 -1.96	24.98 2.02 -0.01	25.78 2.00 -0.01	27.80 2.17 -0.34	31.69 2.44 -1.56	40.68 3.65 -1.89	43.05 3.63 -7.00	40.68 3.40 -8.17	35.03 3.18 -5.37	31.37 3.00 -2.76	28.65 2.66 -3.45	27.52 2.37 -4.38	27.06 2.17 -4.58	28.76 2.11 -6.39	32.99 2.31 -9.86	34.98 2.66 -8.59	41.19 3.60 -5.19	48.55 3.99 -7.95	41.34 3.43 -7.02	37.66 2.88 -8.59	36.41 2.63 -10.52	31.92 2.48 -5.62	28.76 2.09 -3.23
FPL_FAR_ROCK_GT2 23815	29.74 2.29 -3.04	27.89 2.14 -1.96	24.98 2.02 -0.01	25.78 2.00 -0.01	27.80 2.17 -0.34	31.69 2.44 -1.56	40.68 3.65 -1.89	43.05 3.63 -7.00	40.68 3.40 -8.17	35.03 3.18 -5.37	31.37 3.00 -2.76	28.65 2.66 -3.45	27.52 2.37 -4.38	27.06 2.17 -4.58	28.76 2.11 -6.39	32.99 2.31 -9.86	34.98 2.66 -8.59	41.19 3.60 -5.19	48.55 3.99 -7.95	41.34 3.43 -7.02	37.66 2.88 -8.59	36.41 2.63 -10.52	31.92 2.48 -5.62	28.76 2.09 -3.23



FRANKLIN_FALL_HYD 24054	24.19 -0.22 0.00	23.62 -0.17 0.00	22.73 -0.23 0.00	23.71 -0.07 0.00	25.21 -0.08 0.00	27.67 -0.03 0.00	34.65 -0.49 0.00	31.74 -0.68 0.00	28.56 -0.55 0.00	25.95 -0.53 0.00	25.05 -0.56 0.00	21.98 -0.56 0.00	20.30 -0.48 0.00	19.94 -0.37 0.00	20.06 -0.20 0.00	20.55 -0.27 0.00	23.90 0.17 0.00	32.92 0.52 0.00	37.42 0.81 0.00	31.47 0.59 0.00	26.53 0.34 0.00	23.52 0.26 0.00	24.23 0.40 0.00	23.96 0.52 0.00
FREEPORT_EQUS_GT1 23764	29.56 2.12 -3.04	27.72 1.97 -1.96	24.82 1.86 0.00	25.61 1.83 0.00	27.62 2.00 -0.34	31.46 2.22 -1.56	40.44 3.41 -1.89	42.82 3.40 -7.00	40.48 3.20 -8.17	34.82 2.97 -5.37	31.17 2.79 -2.76	28.50 2.50 -3.45	27.38 2.22 -4.38	26.91 2.03 -4.58	28.64 1.99 -6.39	32.86 2.19 -9.86	34.83 2.51 -8.59	41.19 3.53 -5.26	48.54 3.92 -8.01	41.38 3.40 -7.10	37.62 2.83 -8.60	36.28 2.49 -10.52	31.80 2.36 -5.62	28.65 1.97 -3.23
FREEPORT___CT2 23818	29.56 2.12 -3.04	27.72 1.97 -1.96	24.82 1.86 0.00	25.61 1.83 0.00	27.62 2.00 -0.34	31.46 2.22 -1.56	40.44 3.41 -1.89	42.82 3.40 -7.00	40.48 3.20 -8.17	34.82 2.97 -5.37	31.17 2.79 -2.76	28.50 2.50 -3.45	27.38 2.22 -4.38	26.91 2.03 -4.58	28.64 1.99 -6.39	32.86 2.19 -9.86	34.83 2.51 -8.59	41.19 3.53 -5.26	48.54 3.92 -8.01	41.38 3.40 -7.10	37.62 2.83 -8.60	36.28 2.49 -10.52	31.80 2.36 -5.62	28.65 1.97 -3.23
FRESHKLS_33_KV_LOAD 356253	26.24 1.83 0.00	25.48 1.69 0.00	24.49 1.54 0.00	25.25 1.47 0.00	26.93 1.64 0.00	29.33 1.63 0.00	38.02 2.88 0.00	42.40 2.98 -7.00	34.45 2.82 -2.51	30.49 2.60 -1.42	28.04 2.41 -0.02	26.23 2.12 -1.57	26.41 1.89 -3.74	26.11 1.73 -4.08	25.33 1.68 -3.38	26.46 1.89 -3.74	28.57 2.25 -2.58	35.53 3.11 -0.02	130.87 3.44 -90.81	36.45 3.00 -2.56	31.85 2.51 -3.15	26.26 2.28 -0.72	26.01 2.17 -0.02	25.11 1.66 0.00
FULTON COGEN____ 23766	23.50 -0.90 0.00	22.93 -0.86 0.00	22.13 -0.83 0.00	22.95 -0.83 0.00	24.43 -0.86 0.00	26.81 -0.89 0.00	34.09 -1.05 0.00	32.47 -0.65 -0.70	28.78 -0.58 -0.25	26.00 -0.56 -0.07	25.05 -0.56 0.00	22.05 -0.50 0.00	20.28 -0.50 0.00	19.74 -0.57 0.00	19.68 -0.59 0.00	20.28 -0.54 0.00	23.14 -0.59 0.00	31.59 -0.81 0.00	35.70 -0.92 -0.01	30.37 -0.77 -0.25	25.87 -0.63 -0.31	22.64 -0.70 -0.07	22.97 -0.86 0.00	22.48 -0.96 0.00
FULTON___LFGE 323630	26.87 2.46 0.00	26.12 2.33 0.00	25.14 2.18 0.00	26.18 2.40 0.00	27.89 2.61 0.00	30.77 3.07 0.00	39.50 4.36 0.00	46.15 3.92 -9.81	35.55 2.94 -3.50	29.90 2.38 -1.03	28.00 2.38 0.00	24.35 1.80 0.00	22.23 1.45 0.00	21.60 1.30 0.00	21.50 1.24 0.00	22.45 1.63 0.00	25.94 2.21 0.00	36.03 3.63 0.00	41.08 4.35 -0.12	37.86 3.40 -3.57	33.36 2.78 -4.39	26.53 2.30 -0.96	26.06 2.24 0.00	25.20 1.76 0.00
G.F.CEMENT___DRP 24184	25.82 1.42 0.00	25.09 1.31 0.00	24.17 1.22 0.00	25.13 1.36 0.00	26.78 1.49 0.00	29.38 1.69 0.00	37.67 2.53 0.00	43.68 2.37 -8.89	34.23 1.95 -3.17	29.08 1.67 -0.93	27.31 1.69 0.00	23.87 1.33 0.00	21.84 1.06 0.00	21.28 0.97 0.00	21.18 0.91 0.00	21.92 1.10 0.00	25.15 1.42 0.00	34.67 2.27 0.00	39.43 2.71 -0.11	36.22 2.10 -3.23	31.95 1.78 -3.98	25.53 1.40 -0.87	25.18 1.36 0.00	24.50 1.05 0.00
GARDENVILLE___LBMP 24039	22.50 -1.90 0.00	22.14 -1.64 0.00	21.44 -1.52 0.00	22.16 -1.62 0.00	23.44 -1.85 0.00	25.98 -1.72 0.00	32.68 -2.46 0.00	31.34 -2.24 -1.16	27.52 -2.01 -0.41	24.83 -1.77 -0.12	24.28 -1.33 0.00	21.68 -0.86 0.00	19.93 -0.85 0.00	19.23 -1.08 0.00	19.01 -1.26 0.00	19.72 -1.10 0.00	22.26 -1.47 0.00	30.00 -2.40 0.01	33.03 -3.59 -0.01	28.44 -2.87 -0.42	24.69 -2.02 -0.52	21.17 -2.21 -0.11	21.65 -2.17 0.00	21.15 -2.30 0.00
GARDNVLA_35_KV_LD 355827	22.60 -1.81 0.00	22.24 -1.55 0.00	21.53 -1.42 0.00	22.26 -1.52 0.00	23.54 -1.74 0.00	26.09 -1.61 0.00	32.79 -2.35 0.00	31.42 -2.17 -1.17	27.58 -1.95 -0.42	24.88 -1.72 -0.12	24.39 -1.23 0.00	21.77 -0.77 0.00	20.01 -0.77 0.00	19.31 -0.99 0.00	19.09 -1.18 0.00	19.80 -1.02 0.00	22.35 -1.38 0.00	30.09 -2.30 0.01	33.11 -3.51 -0.01	28.50 -2.81 -0.43	24.78 -1.94 -0.52	21.22 -2.16 -0.11	21.73 -2.10 0.00	21.24 -2.20 0.00
GELCKHM___115KV_LOAD 80723	23.70 -0.71 0.00	23.10 -0.69 0.00	22.31 -0.64 0.00	23.11 -0.67 0.00	24.60 -0.68 0.00	27.00 -0.69 0.00	34.33 -0.81 0.00	32.78 -0.42 -0.78	29.01 -0.38 -0.28	26.22 -0.34 -0.08	25.26 -0.36 0.00	22.23 -0.32 0.00	20.44 -0.33 0.00	19.90 -0.41 0.00	19.84 -0.43 0.00	20.43 -0.40 0.00	23.30 -0.43 0.00	31.79 -0.62 -0.01	35.89 -0.73 -0.01	30.55 -0.62 -0.28	26.10 -0.45 -0.35	22.81 -0.54 -0.08	23.13 -0.69 0.00	22.65 -0.80 0.00
GENERAL___MILLS 23808	22.57 -1.83 0.00	22.22 -1.57 0.00	21.51 -1.45 0.00	22.23 -1.55 0.00	23.52 -1.77 0.00	26.06 -1.63 0.00	32.75 -2.39 0.00	31.39 -2.20 -1.17	27.52 -2.01 -0.42	24.86 -1.75 -0.12	24.36 -1.26 0.00	21.75 -0.79 0.00	19.99 -0.79 0.00	19.27 -1.04 0.00	19.07 -1.20 0.00	19.78 -1.04 0.00	22.31 -1.42 0.00	30.06 -2.33 0.01	33.07 -3.55 -0.01	28.47 -2.84 -0.43	24.72 -1.99 -0.52	21.19 -2.19 -0.11	21.70 -2.12 0.00	21.22 -2.23 0.00
GE_PLASTICS___DRP 24183	25.19 0.78 0.00	24.52 0.74 0.00	23.69 0.73 0.00	24.49 0.71 0.00	26.04 0.76 0.00	28.55 0.86 0.00	36.51 1.37 0.00	42.33 1.33 -8.58	33.39 1.22 -3.06	28.47 1.09 -0.90	26.69 1.08 0.00	23.53 0.99 0.00	21.63 0.85 0.00	21.08 0.77 0.00	21.01 0.75 0.00	21.70 0.87 0.00	24.70 0.97 0.00	33.77 1.36 0.00	38.22 1.50 -0.10	35.24 1.24 -3.12	31.10 1.07 -3.84	25.03 0.93 -0.84	24.70 0.88 0.00	24.24 0.80 0.00
GILBOA___1 23756	25.19 0.78 0.00	24.50 0.71 0.00	23.64 0.69 0.00	24.47 0.69 0.00	26.02 0.73 0.00	28.52 0.83 0.00	36.51 1.37 0.00	40.64 1.39 -6.82	32.86 1.31 -2.43	28.39 1.19 -0.72	26.74 1.13 0.00	23.56 1.02 0.00	21.65 0.87 0.00	21.08 0.77 0.00	20.99 0.73 0.00	21.68 0.85 0.00	24.73 1.00 0.00	33.83 1.42 0.00	38.23 1.54 -0.08	34.67 1.30 -2.48	30.35 1.10 -3.05	24.89 0.95 -0.67	24.70 0.88 0.00	24.15 0.70 0.00
GILBOA___2 23757	25.19 0.78 0.00	24.50 0.71 0.00	23.64 0.69 0.00	24.47 0.69 0.00	26.02 0.73 0.00	28.52 0.83 0.00	36.51 1.37 0.00	40.64 1.39 -6.82	32.86 1.31 -2.43	28.39 1.19 -0.72	26.74 1.13 0.00	23.56 1.02 0.00	21.65 0.87 0.00	21.08 0.77 0.00	20.99 0.73 0.00	21.68 0.85 0.00	24.73 1.00 0.00	33.83 1.42 0.00	38.23 1.54 -0.08	34.67 1.30 -2.48	30.35 1.10 -3.05	24.89 0.95 -0.67	24.70 0.88 0.00	24.15 0.70 0.00
GILBOA___3 23758	25.19 0.78 0.00	24.50 0.71 0.00	23.64 0.69 0.00	24.47 0.69 0.00	26.02 0.73 0.00	28.52 0.83 0.00	36.51 1.37 0.00	40.64 1.39 -6.82	32.86 1.31 -2.43	28.39 1.19 -0.72	26.74 1.13 0.00	23.56 1.02 0.00	21.65 0.87 0.00	21.08 0.77 0.00	20.99 0.73 0.00	21.68 0.85 0.00	24.73 1.00 0.00	33.83 1.42 0.00	38.23 1.54 -0.08	34.67 1.30 -2.48	30.35 1.10 -3.05	24.89 0.95 -0.67	24.70 0.88 0.00	24.15 0.70 0.00



GILBOA___4 23759	25.19 0.78 0.00	24.50 0.71 0.00	23.64 0.69 0.00	24.47 0.69 0.00	26.02 0.73 0.00	28.52 0.83 0.00	36.51 1.37 0.00	40.64 1.39 -6.82	32.86 1.31 -2.43	28.39 1.19 -0.72	26.74 1.13 0.00	23.56 1.02 0.00	21.65 0.87 0.00	21.08 0.77 0.00	20.99 0.73 0.00	21.68 0.85 0.00	24.73 1.00 0.00	33.83 1.42 0.00	38.23 1.54 -0.08	34.67 1.30 -2.48	30.35 1.10 -3.05	24.89 0.95 -0.67	24.70 0.88 0.00	24.15 0.70 0.00
GILBOA____ 23599	25.16 0.76 0.00	24.50 0.71 0.00	23.64 0.69 0.00	24.47 0.69 0.00	26.02 0.73 0.00	28.52 0.83 0.00	36.51 1.37 0.00	40.64 1.39 -6.82	32.86 1.31 -2.43	28.39 1.19 -0.72	26.74 1.13 0.00	23.56 1.01 0.00	21.65 0.87 0.00	21.08 0.77 0.00	20.99 0.73 0.00	21.67 0.85 0.00	24.73 1.00 0.00	33.83 1.43 0.00	38.23 1.54 -0.08	34.67 1.30 -2.48	30.37 1.13 -3.05	24.88 0.95 -0.67	24.70 0.88 0.00	24.15 0.70 0.00
GINNA____ 23603	22.01 -2.39 0.00	21.50 -2.28 0.00	20.80 -2.16 0.00	21.57 -2.21 0.00	22.86 -2.43 0.00	25.26 -2.44 0.00	32.01 -3.13 0.00	31.24 -2.14 -0.96	27.47 -1.98 -0.34	24.78 -1.80 -0.10	23.67 -1.95 0.00	20.90 -1.64 0.00	19.20 -1.58 0.00	18.64 -1.66 0.00	18.54 -1.72 0.00	19.14 -1.69 0.00	21.76 -1.97 0.00	29.69 -2.69 0.03	33.53 -3.08 0.01	28.79 -2.44 -0.35	24.42 -2.20 -0.43	21.33 -2.02 -0.09	21.44 -2.38 0.00	20.94 -2.51 0.00
GLEN PARK____ 23778	23.87 -0.54 0.00	23.31 -0.48 0.00	22.56 -0.39 0.00	23.42 -0.36 0.00	25.11 -0.18 0.00	27.75 0.06 0.00	35.32 0.18 0.00	33.12 0.26 -0.44	29.44 0.18 -0.16	26.50 -0.03 -0.05	25.61 0.00 0.00	22.29 -0.25 0.00	20.44 -0.33 0.00	19.94 -0.36 0.00	19.92 -0.34 0.00	20.57 -0.25 0.00	23.75 0.02 0.00	32.79 0.39 0.00	37.28 0.66 -0.01	31.35 0.31 -0.16	26.33 -0.05 -0.19	23.03 -0.28 -0.04	23.39 -0.43 0.00	22.95 -0.49 0.00
GLENDALE_27_KV_LOAD 356172	26.21 1.81 0.00	25.45 1.67 0.00	24.49 1.54 0.00	25.25 1.47 0.00	26.93 1.64 0.00	29.35 1.66 0.00	38.02 2.88 0.00	42.47 3.05 -7.00	34.57 2.94 -2.51	30.63 2.73 -1.42	28.19 2.56 -0.02	26.39 2.28 -1.57	26.55 2.04 -3.74	26.23 1.85 -4.08	25.43 1.78 -3.38	26.56 2.00 -3.74	28.64 2.33 -2.58	35.66 3.24 -0.02	40.26 3.55 -0.10	36.51 3.06 -2.56	31.93 2.59 -3.15	26.28 2.30 -0.72	26.01 2.17 -0.02	25.11 1.66 0.00
GLENWOOD_IC_1_G5 23712	29.46 2.03 -3.03	27.69 1.95 -1.96	24.77 1.81 0.00	25.58 1.81 0.00	27.59 1.97 -0.33	31.43 2.19 -1.55	40.44 3.41 -1.89	42.56 3.15 -6.99	40.39 3.11 -8.17	34.85 2.99 -5.37	31.20 2.82 -2.76	28.50 2.50 -3.45	27.37 2.22 -4.37	26.91 2.03 -4.57	28.62 1.97 -6.39	32.84 2.17 -9.86	34.83 2.52 -8.59	40.93 3.27 -5.25	48.21 3.59 -8.01	41.10 3.12 -7.09	37.63 2.85 -8.59	36.25 2.47 -10.52	31.78 2.33 -5.62	28.60 1.92 -3.23
GLENWOOD_IC_2_G1 23688	29.44 2.00 -3.03	27.62 1.88 -1.96	24.70 1.74 0.00	25.51 1.73 0.00	27.52 1.90 -0.33	31.35 2.10 -1.55	40.33 3.30 -1.89	42.63 3.21 -7.00	40.36 3.08 -8.17	34.74 2.89 -5.37	31.09 2.71 -2.76	28.41 2.41 -3.45	27.29 2.14 -4.38	26.83 1.95 -4.57	28.56 1.90 -6.39	32.78 2.10 -9.86	34.74 2.42 -8.59	40.93 3.34 -5.19	48.26 3.70 -7.95	41.09 3.18 -7.02	37.50 2.72 -8.59	36.18 2.40 -10.52	31.71 2.26 -5.62	28.53 1.85 -3.23
GLENWOOD_IC_3_G1 23689	29.44 2.00 -3.03	27.62 1.88 -1.96	24.70 1.74 0.00	25.51 1.73 0.00	27.52 1.90 -0.33	31.35 2.10 -1.55	40.33 3.30 -1.89	42.63 3.21 -7.00	40.36 3.08 -8.17	34.74 2.89 -5.37	31.09 2.71 -2.76	28.41 2.41 -3.45	27.29 2.14 -4.38	26.83 1.95 -4.57	28.56 1.90 -6.39	32.78 2.10 -9.86	34.74 2.42 -8.59	40.93 3.34 -5.19	48.26 3.70 -7.95	41.09 3.18 -7.02	37.50 2.72 -8.59	36.18 2.40 -10.52	31.71 2.26 -5.62	28.53 1.85 -3.23
GLENWOOD___4 23550	29.46 2.03 -3.03	27.69 1.95 -1.96	24.77 1.81 0.00	25.58 1.81 0.00	27.59 1.97 -0.33	31.43 2.19 -1.55	40.44 3.41 -1.89	42.66 3.24 -6.99	40.42 3.14 -8.17	34.85 2.99 -5.37	31.20 2.82 -2.76	28.50 2.50 -3.45	27.37 2.22 -4.37	26.91 2.03 -4.57	28.62 1.97 -6.39	32.84 2.17 -9.86	34.83 2.52 -8.59	41.00 3.34 -5.25	48.32 3.70 -8.01	41.19 3.21 -7.09	37.63 2.85 -8.59	36.25 2.47 -10.52	31.78 2.33 -5.62	28.60 1.92 -3.23
GLENWOOD___5 23614	29.46 2.03 -3.03	27.69 1.95 -1.96	24.77 1.81 0.00	25.58 1.81 0.00	27.59 1.97 -0.33	31.43 2.19 -1.55	40.44 3.41 -1.89	42.66 3.24 -6.99	40.42 3.14 -8.17	34.85 2.99 -5.37	31.20 2.82 -2.76	28.50 2.50 -3.45	27.37 2.22 -4.37	26.91 2.03 -4.57	28.62 1.97 -6.39	32.84 2.17 -9.86	34.83 2.52 -8.59	41.00 3.34 -5.25	48.32 3.70 -8.01	41.19 3.21 -7.09	37.63 2.85 -8.59	36.25 2.47 -10.52	31.78 2.33 -5.62	28.60 1.92 -3.23
GLOBAL GREEN_PORT_GT1 23814	30.20 2.76 -3.03	28.38 2.64 -1.96	25.46 2.50 0.00	26.27 2.50 0.00	28.30 2.68 -0.33	32.21 2.96 -1.55	41.53 4.50 -1.89	43.99 4.48 -7.09	41.38 4.11 -8.17	35.48 3.63 -5.37	31.84 3.46 -2.76	29.02 3.02 -3.45	27.79 2.64 -4.37	27.33 2.46 -4.57	29.10 2.45 -6.39	33.47 2.79 -9.86	35.64 3.32 -8.59	50.85 4.67 -13.78	57.21 5.20 -15.40	51.69 4.48 -16.33	46.31 3.77 -16.34	37.27 3.37 -10.63	32.71 3.26 -5.62	29.54 2.86 -3.23
GLOBE___DSASP 323697	21.65 -2.76 0.00	21.29 -2.50 0.00	20.61 -2.34 0.00	21.28 -2.50 0.00	22.45 -2.83 0.00	24.84 -2.85 0.00	31.10 -4.04 0.00	30.35 -3.18 -1.10	26.68 -2.82 -0.39	24.08 -2.52 -0.12	23.18 -2.43 0.00	20.69 -1.85 0.00	19.03 -1.75 0.00	18.38 -1.93 0.00	18.20 -2.07 0.00	18.86 -1.96 0.00	21.22 -2.52 0.00	28.60 -3.79 0.01	31.79 -4.83 -0.01	27.58 -3.71 -0.40	24.07 -2.62 -0.49	20.65 -2.72 -0.11	20.82 -3.00 0.00	20.33 -3.12 0.00
GOETHSLN___LBMP 323567	25.89 1.49 0.00	25.19 1.40 0.00	24.24 1.29 0.00	25.01 1.24 0.00	26.68 1.39 0.00	29.22 1.52 0.00	37.78 2.64 0.00	42.18 2.76 -7.00	34.30 2.68 -2.51	30.38 2.49 -1.41	27.94 2.31 -0.02	26.17 2.07 -1.55	26.31 1.83 -3.70	25.99 1.64 -4.04	25.22 1.60 -3.35	26.32 1.79 -3.70	28.35 2.06 -2.56	35.30 2.88 -0.02	39.86 3.15 -0.10	36.20 2.75 -2.56	31.70 2.36 -3.15	26.03 2.05 -0.72	25.74 1.91 -0.02	24.90 1.45 0.00
GOLAH___69_KV_TB 1_2 80279	22.92 -1.49 0.00	22.43 -1.36 0.00	21.72 -1.24 0.00	22.49 -1.28 0.00	23.84 -1.44 0.00	26.31 -1.38 0.00	33.24 -1.90 0.00	32.36 -1.04 -0.97	28.47 -0.99 -0.35	25.68 -0.90 -0.10	24.51 -1.10 0.00	21.73 -0.81 0.00	19.97 -0.81 0.00	19.31 -0.99 0.00	19.21 -1.05 0.00	19.84 -0.98 0.00	22.50 -1.23 0.00	30.64 -1.75 0.02	34.49 -2.12 0.00	29.64 -1.61 -0.35	25.50 -1.13 -0.44	22.06 -1.30 -0.09	22.16 -1.67 0.00	21.62 -1.83 0.00
GOODYEAR_LAKE_HYD 323669	25.36 0.95 0.00	24.74 0.95 0.00	23.85 0.90 0.00	24.70 0.93 0.00	26.32 1.04 0.00	28.97 1.27 0.00	37.08 1.93 0.00	36.60 1.91 -2.27	31.67 1.75 -0.81	28.23 1.51 -0.24	27.13 1.51 0.00	23.76 1.22 0.00	21.80 1.02 0.00	21.16 0.85 0.00	21.09 0.83 0.00	21.80 0.98 0.00	24.99 1.26 0.00	34.32 1.91 -0.01	38.80 2.16 -0.03	33.41 1.70 -0.83	28.62 1.41 -1.02	24.60 1.12 -0.22	24.85 1.02 0.00	24.24 0.80 0.00



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GOWANUS_GT2_5 24118	26.34 1.93 -0.01	25.50 1.71 0.00	24.52 1.56 0.00	25.28 1.50 0.00	26.95 1.67 0.00	29.38 1.69 0.00	38.09 2.95 0.00	42.50 3.08 -7.00	34.60 2.97 -2.51	30.63 2.73 -1.42	28.19 2.56 -0.02	26.37 2.25 -1.57	26.55 2.04 -3.74	26.23 1.85 -4.08	25.43 1.78 -3.38	26.58 2.02 -3.74	28.66 2.35 -2.58	35.66 3.24 -0.02	131.05 3.63 -90.81	36.57 3.12 -2.56	31.91 2.57 -3.15	26.33 2.35 -0.72	26.05 2.22 -0.02	25.15 1.71 0.00
GOWANUS_GT2_6 24119	26.34 1.93 -0.01	25.50 1.71 0.00	24.52 1.56 0.00	25.28 1.50 0.00	26.95 1.67 0.00	29.38 1.69 0.00	38.09 2.95 0.00	42.50 3.08 -7.00	34.60 2.97 -2.51	30.63 2.73 -1.42	28.19 2.56 -0.02	26.37 2.25 -1.57	26.55 2.04 -3.74	26.23 1.85 -4.08	25.43 1.78 -3.38	26.58 2.02 -3.74	28.66 2.35 -2.58	35.66 3.24 -0.02	131.05 3.63 -90.81	36.57 3.12 -2.56	31.91 2.57 -3.15	26.33 2.35 -0.72	26.05 2.22 -0.02	25.15 1.71 0.00
GOWANUS_GT2_7 24120	26.34 1.93 -0.01	25.50 1.71 0.00	24.52 1.56 0.00	25.28 1.50 0.00	26.95 1.67 0.00	29.38 1.69 0.00	38.09 2.95 0.00	42.50 3.08 -7.00	34.60 2.97 -2.51	30.63 2.73 -1.42	28.19 2.56 -0.02	26.37 2.25 -1.57	26.55 2.04 -3.74	26.23 1.85 -4.08	25.43 1.78 -3.38	26.58 2.02 -3.74	28.66 2.35 -2.58	35.66 3.24 -0.02	131.05 3.63 -90.81	36.57 3.12 -2.56	31.91 2.57 -3.15	26.33 2.35 -0.72	26.05 2.22 -0.02	25.15 1.71 0.00
GOWANUS_GT2_8 24121	26.34 1.93 -0.01	25.50 1.71 0.00	24.52 1.56 0.00	25.28 1.50 0.00	26.95 1.67 0.00	29.38 1.69 0.00	38.09 2.95 0.00	42.50 3.08 -7.00	34.60 2.97 -2.51	30.63 2.73 -1.42	28.19 2.56 -0.02	26.37 2.25 -1.57	26.55 2.04 -3.74	26.23 1.85 -4.08	25.43 1.78 -3.38	26.58 2.02 -3.74	28.66 2.35 -2.58	35.66 3.24 -0.02	131.05 3.63 -90.81	36.57 3.12 -2.56	31.91 2.57 -3.15	26.33 2.35 -0.72	26.05 2.22 -0.02	25.15 1.71 0.00
GOWANUS_GT3_1 24122	26.34 1.93 -0.01	25.50 1.71 0.00	24.52 1.56 0.00	25.28 1.50 0.00	26.95 1.67 0.00	29.38 1.69 0.00	38.09 2.95 0.00	42.50 3.08 -7.00	34.60 2.97 -2.51	30.63 2.73 -1.42	28.19 2.56 -0.02	26.37 2.25 -1.57	26.55 2.04 -3.74	26.23 1.85 -4.08	25.43 1.78 -3.38	26.58 2.02 -3.74	28.66 2.35 -2.58	35.66 3.24 -0.02	131.05 3.63 -90.81	36.57 3.12 -2.56	31.91 2.57 -3.15	26.33 2.35 -0.72	26.05 2.22 -0.02	25.15 1.71 0.00
GOWANUS_GT3_2 24123	26.34 1.93 -0.01	25.50 1.71 0.00	24.52 1.56 0.00	25.28 1.50 0.00	26.95 1.67 0.00	29.38 1.69 0.00	38.09 2.95 0.00	42.50 3.08 -7.00	34.60 2.97 -2.51	30.63 2.73 -1.42	28.19 2.56 -0.02	26.37 2.25 -1.57	26.55 2.04 -3.74	26.23 1.85 -4.08	25.43 1.78 -3.38	26.58 2.02 -3.74	28.66 2.35 -2.58	35.66 3.24 -0.02	131.05 3.63 -90.81	36.57 3.12 -2.56	31.91 2.57 -3.15	26.33 2.35 -0.72	26.05 2.22 -0.02	25.15 1.71 0.00
GOWANUS_GT3_3 24124	26.34 1.93 -0.01	25.50 1.71 0.00	24.52 1.56 0.00	25.28 1.50 0.00	26.95 1.67 0.00	29.38 1.69 0.00	38.09 2.95 0.00	42.50 3.08 -7.00	34.60 2.97 -2.51	30.63 2.73 -1.42	28.19 2.56 -0.02	26.37 2.25 -1.57	26.55 2.04 -3.74	26.23 1.85 -4.08	25.43 1.78 -3.38	26.58 2.02 -3.74	28.66 2.35 -2.58	35.66 3.24 -0.02	131.05 3.63 -90.81	36.57 3.12 -2.56	31.91 2.57 -3.15	26.33 2.35 -0.72	26.05 2.22 -0.02	25.15 1.71 0.00
GOWANUS_GT3_4 24125	26.34 1.93 -0.01	25.50 1.71 0.00	24.52 1.56 0.00	25.28 1.50 0.00	26.95 1.67 0.00	29.38 1.69 0.00	38.09 2.95 0.00	42.50 3.08 -7.00	34.60 2.97 -2.51	30.63 2.73 -1.42	28.19 2.56 -0.02	26.37 2.25 -1.57	26.55 2.04 -3.74	26.23 1.85 -4.08	25.43 1.78 -3.38	26.58 2.02 -3.74	28.66 2.35 -2.58	35.66 3.24 -0.02	131.05 3.63 -90.81	36.57 3.12 -2.56	31.91 2.57 -3.15	26.33 2.35 -0.72	26.05 2.22 -0.02	25.15 1.71 0.00
GOWANUS_GT3_5 24126	26.34 1.93 -0.01	25.50 1.71 0.00	24.52 1.56 0.00	25.28 1.50 0.00	26.95 1.67 0.00	29.38 1.69 0.00	38.09 2.95 0.00	42.50 3.08 -7.00	34.60 2.97 -2.51	30.63 2.73 -1.42	28.19 2.56 -0.02	26.37 2.25 -1.57	26.55 2.04 -3.74	26.23 1.85 -4.08	25.43 1.78 -3.38	26.58 2.02 -3.74	28.66 2.35 -2.58	35.66 3.24 -0.02	131.05 3.63 -90.81	36.57 3.12 -2.56	31.91 2.57 -3.15	26.33 2.35 -0.72	26.05 2.22 -0.02	25.15 1.71 0.00
GOWANUS_GT3_6 24127	26.34 1.93 -0.01	25.50 1.71 0.00	24.52 1.56 0.00	25.28 1.50 0.00	26.95 1.67 0.00	29.38 1.69 0.00	38.09 2.95 0.00	42.50 3.08 -7.00	34.60 2.97 -2.51	30.63 2.73 -1.42	28.19 2.56 -0.02	26.37 2.25 -1.57	26.55 2.04 -3.74	26.23 1.85 -4.08	25.43 1.78 -3.38	26.58 2.02 -3.74	28.66 2.35 -2.58	35.66 3.24 -0.02	131.05 3.63 -90.81	36.57 3.12 -2.56	31.91 2.57 -3.15	26.33 2.35 -0.72	26.05 2.22 -0.02	25.15 1.71 0.00
GOWANUS_GT3_7 24128	26.34 1.93 -0.01	25.50 1.71 0.00	24.52 1.56 0.00	25.28 1.50 0.00	26.95 1.67 0.00	29.38 1.69 0.00	38.09 2.95 0.00	42.50 3.08 -7.00	34.60 2.97 -2.51	30.63 2.73 -1.42	28.19 2.56 -0.02	26.37 2.25 -1.57	26.55 2.04 -3.74	26.23 1.85 -4.08	25.43 1.78 -3.38	26.58 2.02 -3.74	28.66 2.35 -2.58	35.66 3.24 -0.02	131.05 3.63 -90.81	36.57 3.12 -2.56	31.91 2.57 -3.15	26.33 2.35 -0.72	26.05 2.22 -0.02	25.15 1.71 0.00
GOWANUS_GT3_8 24129	26.34 1.93 -0.01	25.50 1.71 0.00	24.52 1.56 0.00	25.28 1.50 0.00	26.95 1.67 0.00	29.38 1.69 0.00	38.09 2.95 0.00	42.50 3.08 -7.00	34.60 2.97 -2.51	30.63 2.73 -1.42	28.19 2.56 -0.02	26.37 2.25 -1.57	26.55 2.04 -3.74	26.23 1.85 -4.08	25.43 1.78 -3.38	26.58 2.02 -3.74	28.66 2.35 -2.58	35.66 3.24 -0.02	131.05 3.63 -90.81	36.57 3.12 -2.56	31.91 2.57 -3.15	26.33 2.35 -0.72	26.05 2.22 -0.02	25.15 1.71 0.00
GOWANUS_GT4_1 24130	26.26 1.85 0.00	25.50 1.71 0.00	24.52 1.56 0.00	25.28 1.50 0.00	26.96 1.67 0.00	29.38 1.69 0.00	38.09 2.95 0.00	42.50 3.08 -7.00	34.59 2.97 -2.51	30.63 2.73 -1.42	28.19 2.56 -0.02	26.37 2.25 -1.57	26.55 2.04 -3.74	26.23 1.85 -4.08	25.43 1.78 -3.38	26.56 2.00 -3.74	28.66 2.35 -2.58	35.66 3.24 -0.02	131.01 3.59 -90.81	36.54 3.09 -2.56	31.96 2.62 -3.15	26.33 2.35 -0.72	26.05 2.22 -0.02	25.16 1.71 0.00
GOWANUS_GT4_2 24131	26.26 1.85 0.00	25.50 1.71 0.00	24.52 1.56 0.00	25.28 1.50 0.00	26.96 1.67 0.00	29.38 1.69 0.00	38.09 2.95 0.00	42.50 3.08 -7.00	34.59 2.97 -2.51	30.63 2.73 -1.42	28.19 2.56 -0.02	26.37 2.25 -1.57	26.55 2.04 -3.74	26.23 1.85 -4.08	25.43 1.78 -3.38	26.56 2.00 -3.74	28.66 2.35 -2.58	35.66 3.24 -0.02	131.01 3.59 -90.81	36.54 3.09 -2.56	31.96 2.62 -3.15	26.33 2.35 -0.72	26.05 2.22 -0.02	25.16 1.71 0.00
GOWANUS_GT4_3 24132	26.26 1.85 0.00	25.50 1.71 0.00	24.52 1.56 0.00	25.28 1.50 0.00	26.96 1.67 0.00	29.38 1.69 0.00	38.09 2.95 0.00	42.50 3.08 -7.00	34.59 2.97 -2.51	30.63 2.73 -1.42	28.19 2.56 -0.02	26.37 2.25 -1.57	26.55 2.04 -3.74	26.23 1.85 -4.08	25.43 1.78 -3.38	26.56 2.00 -3.74	28.66 2.35 -2.58	35.66 3.24 -0.02	131.01 3.59 -90.81	36.54 3.09 -2.56	31.96 2.62 -3.15	26.33 2.35 -0.72	26.05 2.22 -0.02	25.16 1.71 0.00



GOWANUS_GT4_4 24133	26.26 1.85 0.00	25.50 1.71 0.00	24.52 1.56 0.00	25.28 1.50 0.00	26.96 1.67 0.00	29.38 1.69 0.00	38.09 2.95 0.00	42.50 3.08 -7.00	34.59 2.97 -2.51	30.63 2.73 -1.42	28.19 2.56 -0.02	26.37 2.25 -1.57	26.55 2.04 -3.74	26.23 1.85 -4.08	25.43 1.78 -3.38	26.56 2.00 -3.74	28.66 2.35 -2.58	35.66 3.24 -0.02	131.01 3.59 -90.81	36.54 3.09 -2.56	31.96 2.62 -3.15	26.33 2.35 -0.72	26.05 2.22 -0.02	25.16 1.71 0.00
GOWANUS_GT4_5 24134	26.26 1.85 0.00	25.50 1.71 0.00	24.52 1.56 0.00	25.28 1.50 0.00	26.96 1.67 0.00	29.38 1.69 0.00	38.09 2.95 0.00	42.50 3.08 -7.00	34.59 2.97 -2.51	30.63 2.73 -1.42	28.19 2.56 -0.02	26.37 2.25 -1.57	26.55 2.04 -3.74	26.23 1.85 -4.08	25.43 1.78 -3.38	26.56 2.00 -3.74	28.66 2.35 -2.58	35.66 3.24 -0.02	131.01 3.59 -90.81	36.54 3.09 -2.56	31.96 2.62 -3.15	26.33 2.35 -0.72	26.05 2.22 -0.02	25.16 1.71 0.00
GOWANUS_GT4_6 24135	26.26 1.85 0.00	25.50 1.71 0.00	24.52 1.56 0.00	25.28 1.50 0.00	26.96 1.67 0.00	29.38 1.69 0.00	38.09 2.95 0.00	42.50 3.08 -7.00	34.59 2.97 -2.51	30.63 2.73 -1.42	28.19 2.56 -0.02	26.37 2.25 -1.57	26.55 2.04 -3.74	26.23 1.85 -4.08	25.43 1.78 -3.38	26.56 2.00 -3.74	28.66 2.35 -2.58	35.66 3.24 -0.02	131.01 3.59 -90.81	36.54 3.09 -2.56	31.96 2.62 -3.15	26.33 2.35 -0.72	26.05 2.22 -0.02	25.16 1.71 0.00
GOWANUS_GT4_7 24136	26.26 1.85 0.00	25.50 1.71 0.00	24.52 1.56 0.00	25.28 1.50 0.00	26.96 1.67 0.00	29.38 1.69 0.00	38.09 2.95 0.00	42.50 3.08 -7.00	34.59 2.97 -2.51	30.63 2.73 -1.42	28.19 2.56 -0.02	26.37 2.25 -1.57	26.55 2.04 -3.74	26.23 1.85 -4.08	25.43 1.78 -3.38	26.56 2.00 -3.74	28.66 2.35 -2.58	35.66 3.24 -0.02	131.01 3.59 -90.81	36.54 3.09 -2.56	31.96 2.62 -3.15	26.33 2.35 -0.72	26.05 2.22 -0.02	25.16 1.71 0.00
GOWANUS_GT4_8 24137	26.26 1.85 0.00	25.50 1.71 0.00	24.52 1.56 0.00	25.28 1.50 0.00	26.96 1.67 0.00	29.38 1.69 0.00	38.09 2.95 0.00	42.50 3.08 -7.00	34.59 2.97 -2.51	30.63 2.73 -1.42	28.19 2.56 -0.02	26.37 2.25 -1.57	26.55 2.04 -3.74	26.23 1.85 -4.08	25.43 1.78 -3.38	26.56 2.00 -3.74	28.66 2.35 -2.58	35.66 3.24 -0.02	131.01 3.59 -90.81	36.54 3.09 -2.56	31.96 2.62 -3.15	26.33 2.35 -0.72	26.05 2.22 -0.02	25.16 1.71 0.00
GREENBSH_115KV_TB3 55895	25.16 0.76 0.00	24.52 0.74 0.00	23.69 0.73 0.00	24.49 0.71 0.00	26.02 0.73 0.00	28.52 0.83 0.00	36.48 1.34 0.00	42.33 1.30 -8.61	33.38 1.19 -3.07	28.47 1.09 -0.90	26.69 1.08 0.00	23.56 1.01 0.00	21.67 0.89 0.00	21.12 0.81 0.00	21.03 0.77 0.00	21.74 0.92 0.00	24.73 1.00 0.00	33.77 1.36 0.00	38.22 1.50 -0.10	35.26 1.24 -3.13	31.09 1.05 -3.85	25.06 0.95 -0.84	24.73 0.91 0.00	24.31 0.87 0.00
GREENDGE_115KV_TB5 80291	24.26 -0.15 0.00	23.71 -0.07 0.00	22.91 -0.05 0.00	23.78 0.00 0.00	25.31 0.03 0.00	27.97 0.28 0.00	35.49 0.35 0.00	34.64 0.65 -1.57	30.37 0.70 -0.56	27.18 0.53 -0.16	26.23 0.61 0.00	23.08 0.54 0.00	21.17 0.39 0.00	20.51 0.20 0.00	20.41 0.14 0.00	21.13 0.31 0.00	24.21 0.47 0.00	32.97 0.49 -0.08	37.01 0.33 -0.07	31.64 0.19 -0.57	27.26 0.37 -0.70	23.42 0.00 -0.15	23.68 -0.14 0.00	23.14 -0.30 0.00
GREENIDGE___3 23582	24.26 -0.15 0.00	23.71 -0.07 0.00	22.91 -0.05 0.00	23.78 0.00 0.00	25.31 0.03 0.00	27.97 0.28 0.00	35.49 0.35 0.00	34.64 0.65 -1.57	30.37 0.70 -0.56	27.18 0.53 -0.16	26.23 0.61 0.00	23.08 0.54 0.00	21.17 0.39 0.00	20.51 0.20 0.00	20.41 0.14 0.00	21.13 0.31 0.00	24.21 0.47 0.00	32.97 0.49 -0.08	37.01 0.33 -0.07	31.64 0.19 -0.57	27.26 0.37 -0.70	23.42 0.00 -0.15	23.68 -0.14 0.00	23.14 -0.30 0.00
GREENIDGE___4 23583	24.28 -0.12 0.00	23.72 -0.07 0.00	22.91 -0.05 0.00	23.78 0.00 0.00	25.31 0.03 0.00	27.97 0.28 0.00	35.49 0.35 0.00	34.66 0.65 -1.59	30.38 0.70 -0.57	27.15 0.50 -0.17	26.23 0.61 0.00	23.08 0.54 0.00	21.17 0.39 0.00	20.51 0.20 0.00	20.41 0.14 0.00	21.13 0.31 0.00	24.21 0.47 0.00	32.97 0.49 -0.08	37.08 0.40 -0.07	31.65 0.19 -0.58	27.11 0.21 -0.71	23.47 0.05 -0.16	23.66 -0.17 0.00	23.14 -0.31 0.00
GREENLWN_69_KV_BK 3 55738	29.54 2.10 -3.03	27.77 2.02 -1.96	24.84 1.88 0.00	25.66 1.88 0.00	27.67 2.05 -0.33	31.55 2.30 -1.55	40.61 3.58 -1.89	43.04 3.63 -6.98	40.63 3.35 -8.17	34.92 3.07 -5.37	31.27 2.89 -2.76	28.56 2.57 -3.45	27.42 2.26 -4.37	26.95 2.07 -4.57	28.68 2.03 -6.39	32.93 2.25 -9.86	34.93 2.61 -8.59	40.80 3.99 -4.41	48.24 4.36 -7.27	40.83 3.77 -6.18	37.25 3.22 -7.84	36.56 2.79 -10.50	31.90 2.45 -5.62	28.70 2.02 -3.23
GREENWD_138_KV_38B11_REV_LBMP_J 345004	26.26 1.85 0.00	25.50 1.71 0.00	24.52 1.56 0.00	25.28 1.50 0.00	26.96 1.67 0.00	29.38 1.69 0.00	38.09 2.95 0.00	42.50 3.08 -7.00	34.59 2.97 -2.51	30.63 2.73 -1.42	28.19 2.56 -0.02	26.37 2.25 -1.57	26.55 2.04 -3.74	26.23 1.85 -4.08	25.43 1.78 -3.38	26.56 2.00 -3.74	28.66 2.35 -2.58	35.66 3.24 -0.02	131.01 3.59 -90.81	36.54 3.09 -2.56	31.96 2.62 -3.15	26.33 2.35 -0.72	26.05 2.22 -0.02	25.16 1.71 0.00
GRISSOM___SOLAR 323813	26.87 2.46 0.00	26.12 2.33 0.00	25.14 2.18 0.00	26.18 2.40 0.00	27.89 2.61 0.00	30.77 3.07 0.00	39.50 4.36 0.00	46.15 3.92 -9.81	35.55 2.94 -3.50	29.90 2.38 -1.03	28.00 2.38 0.00	24.35 1.80 0.00	22.23 1.45 0.00	21.60 1.30 0.00	21.50 1.24 0.00	22.45 1.63 0.00	25.94 2.21 0.00	36.03 3.63 0.00	41.08 4.35 -0.12	37.86 3.40 -3.57	33.36 2.78 -4.39	26.53 2.30 -0.96	26.06 2.24 0.00	25.20 1.76 0.00
GROVEVILLE___HYD 323602	25.97 1.56 0.00	25.26 1.47 0.00	24.38 1.42 0.00	25.18 1.40 0.00	26.80 1.52 0.00	29.38 1.69 0.00	37.88 2.74 0.00	42.23 2.72 -7.08	34.11 2.47 -2.53	29.48 2.25 -0.74	27.72 2.10 0.00	24.34 1.80 0.00	22.31 1.54 0.00	21.68 1.38 0.00	21.60 1.34 0.00	22.34 1.52 0.00	25.58 1.85 0.00	35.09 2.69 0.00	39.66 2.97 -0.08	36.00 2.53 -2.58	31.51 2.15 -3.17	25.79 1.84 -0.69	25.54 1.72 0.00	24.83 1.38 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	23.89 -0.51 0.00	23.29 -0.50 0.00	22.50 -0.46 0.00	23.30 -0.48 0.00	24.81 -0.48 0.00	27.25 -0.44 0.00	34.65 -0.49 0.00	33.15 -0.13 -0.85	29.30 -0.12 -0.30	26.44 -0.13 -0.09	25.49 -0.13 0.00	22.41 -0.14 0.00	20.61 -0.17 0.00	20.06 -0.24 0.00	19.98 -0.28 0.00	20.59 -0.23 0.00	23.49 -0.24 0.00	32.09 -0.32 -0.01	36.26 -0.37 -0.02	30.86 -0.34 -0.31	26.36 -0.21 -0.38	23.00 -0.35 -0.08	23.30 -0.52 0.00	22.83 -0.61 0.00
HAMLTNNY_34_KV_TB 80303	23.89 -0.51 0.00	23.31 -0.48 0.00	22.50 -0.46 0.00	23.33 -0.45 0.00	24.81 -0.48 0.00	27.28 -0.42 0.00	34.72 -0.42 0.00	33.29 -0.03 -0.90	29.37 -0.06 -0.32	26.50 -0.08 -0.09	25.54 -0.08 0.00	22.45 -0.09 0.00	20.65 -0.12 0.00	20.08 -0.22 0.00	20.00 -0.26 0.00	20.63 -0.19 0.00	23.54 -0.19 0.00	32.19 -0.23 -0.01	36.30 -0.33 -0.02	30.94 -0.28 -0.33	26.44 -0.16 -0.40	23.03 -0.33 -0.09	23.30 -0.52 0.00	22.81 -0.63 0.00



HAMPSHIRE___PAPER_HYD 323593	23.62 -0.78 0.00	23.15 -0.64 0.00	22.38 -0.57 0.00	23.30 -0.48 0.00	24.86 -0.43 0.00	27.33 -0.36 0.00	34.44 -0.70 0.00	31.91 -0.71 -0.20	28.52 -0.67 -0.07	25.79 -0.71 -0.02	25.00 -0.62 0.00	21.89 -0.65 0.00	20.17 -0.60 0.00	19.76 -0.55 0.00	19.78 -0.49 0.00	20.24 -0.58 0.00	23.23 -0.50 0.00	31.92 -0.49 0.00	36.21 -0.40 0.00	30.50 -0.46 -0.07	25.65 -0.63 -0.09	22.63 -0.65 -0.02	23.32 -0.50 0.00	23.12 -0.33 0.00
HARDSCRABBLE_WT_PWR 323673	24.89 0.49 0.00	24.29 0.50 0.00	23.46 0.50 0.00	24.28 0.50 0.00	25.87 0.58 0.00	28.41 0.72 0.00	36.16 1.02 0.00	33.46 1.04 0.00	30.07 0.96 0.00	27.33 0.85 0.00	26.46 0.84 0.00	23.24 0.70 0.00	21.32 0.54 0.00	20.79 0.49 0.00	20.77 0.51 0.00	21.40 0.58 0.00	24.44 0.71 0.00	33.47 1.07 0.00	37.78 1.17 0.00	31.75 0.86 0.00	26.74 0.55 0.00	23.66 0.40 0.00	24.06 0.24 0.00	23.56 0.12 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	25.80 1.39 0.00	25.09 1.31 0.00	24.19 1.24 0.00	24.99 1.21 0.00	26.60 1.31 0.00	29.16 1.47 0.00	37.60 2.46 0.00	41.52 2.50 -6.60	33.77 2.30 -2.35	29.27 2.09 -0.69	27.56 1.95 0.00	24.23 1.69 0.00	22.25 1.48 0.00	21.60 1.30 0.00	21.52 1.26 0.00	22.26 1.44 0.00	25.46 1.73 0.00	34.90 2.50 0.00	39.47 2.78 -0.08	35.67 2.38 -2.40	31.14 1.99 -2.95	25.63 1.72 -0.64	25.42 1.60 0.00	24.69 1.24 0.00
HARSNRAD_115KV_TB1 81005	22.16 -2.25 0.00	21.79 -2.00 0.00	21.10 -1.86 0.00	21.78 -2.00 0.00	23.01 -2.28 0.00	25.45 -2.24 0.00	31.94 -3.20 0.00	31.02 -2.50 -1.09	27.26 -2.24 -0.39	24.58 -2.01 -0.11	23.77 -1.84 0.00	21.21 -1.33 0.00	19.49 -1.29 0.00	18.82 -1.48 0.00	18.62 -1.64 0.00	19.32 -1.50 0.00	21.79 -1.95 0.00	29.38 -3.01 0.01	32.59 -4.03 -0.01	28.16 -3.12 -0.40	24.51 -2.17 -0.49	21.05 -2.33 -0.11	21.30 -2.53 0.00	20.77 -2.67 0.00
HARZA MOOSE___RIVER 24016	24.36 -0.05 0.00	23.74 -0.05 0.00	22.98 0.02 0.00	23.87 0.10 0.00	25.62 0.33 0.00	28.22 0.53 0.00	35.88 0.74 0.00	33.47 0.78 -0.27	29.91 0.70 -0.10	27.04 0.53 -0.03	26.15 0.54 0.00	22.88 0.34 0.00	21.01 0.23 0.00	20.49 0.18 0.00	20.47 0.20 0.00	21.09 0.27 0.00	24.21 0.47 0.00	33.25 0.84 0.00	37.68 1.06 0.00	31.73 0.74 -0.10	26.65 0.34 -0.12	23.41 0.12 -0.03	23.87 0.05 0.00	23.44 0.00 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	23.70 -0.71 0.00	23.12 -0.67 0.00	22.31 -0.64 0.00	23.14 -0.64 0.00	24.60 -0.68 0.00	27.00 -0.69 0.00	34.33 -0.81 0.00	32.75 -0.45 -0.78	29.04 -0.35 -0.28	26.25 -0.32 -0.08	25.31 -0.31 0.00	22.27 -0.27 0.00	20.47 -0.31 0.00	19.92 -0.39 0.00	19.86 -0.41 0.00	20.47 -0.35 0.00	23.30 -0.43 0.00	31.76 -0.65 0.00	35.85 -0.77 -0.01	30.56 -0.62 -0.29	26.10 -0.45 -0.35	22.83 -0.51 -0.08	23.13 -0.69 0.00	22.65 -0.80 0.00
HELLGATE_13_KV_LD 55870	26.11 1.71 0.00	25.38 1.59 0.00	24.40 1.45 0.00	25.16 1.38 0.00	26.83 1.54 0.00	29.24 1.55 0.00	37.85 2.71 0.00	42.27 2.85 -7.00	34.42 2.79 -2.51	30.49 2.60 -1.42	28.06 2.43 -0.02	26.28 2.16 -1.57	26.45 1.93 -3.74	26.13 1.75 -4.08	25.33 1.68 -3.38	26.46 1.89 -3.74	28.52 2.21 -2.58	35.47 3.05 -0.02	40.04 3.33 -0.10	36.32 2.87 -2.56	31.78 2.44 -3.15	26.19 2.21 -0.72	25.91 2.07 -0.02	25.04 1.59 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	26.11 1.71 0.00	25.38 1.59 0.00	24.40 1.45 0.00	25.16 1.38 0.00	26.83 1.54 0.00	29.24 1.55 0.00	37.85 2.71 0.00	42.27 2.85 -7.00	34.42 2.79 -2.51	30.49 2.60 -1.42	28.06 2.43 -0.02	26.28 2.16 -1.57	26.45 1.93 -3.74	26.13 1.75 -4.08	25.33 1.68 -3.38	26.46 1.89 -3.74	28.52 2.21 -2.58	35.47 3.05 -0.02	40.04 3.33 -0.10	36.32 2.87 -2.56	31.78 2.44 -3.15	26.19 2.21 -0.72	25.91 2.07 -0.02	25.04 1.59 0.00
HEMPSTEAD____ 23647	29.44 2.00 -3.03	27.62 1.88 -1.96	24.70 1.74 0.00	25.51 1.73 0.00	27.52 1.90 -0.34	31.33 2.08 -1.55	40.30 3.27 -1.89	42.63 3.21 -7.00	40.36 3.08 -8.17	34.74 2.89 -5.37	31.07 2.69 -2.76	28.41 2.41 -3.45	27.29 2.14 -4.38	26.83 1.95 -4.58	28.56 1.90 -6.39	32.78 2.10 -9.86	34.74 2.42 -8.59	41.00 3.34 -5.25	48.32 3.70 -8.01	41.16 3.18 -7.09	37.51 2.72 -8.60	36.18 2.40 -10.52	31.71 2.26 -5.62	28.53 1.85 -3.23
HEWLETT__69_KV_BK3 55828	29.56 2.12 -3.03	27.79 2.05 -1.96	24.86 1.91 0.00	25.66 1.88 0.00	27.67 2.05 -0.33	31.55 2.30 -1.55	40.47 3.44 -1.89	42.89 3.47 -6.99	40.54 3.26 -8.17	34.90 3.05 -5.37	31.25 2.87 -2.76	28.54 2.55 -3.45	27.42 2.26 -4.37	26.95 2.07 -4.57	28.66 2.01 -6.39	32.88 2.21 -9.86	34.86 2.54 -8.59	41.06 3.47 -5.19	48.37 3.81 -7.95	41.22 3.30 -7.02	37.61 2.83 -8.59	36.30 2.51 -10.52	31.83 2.38 -5.62	28.67 1.99 -3.23
HICKLING___1 23621	24.48 0.07 0.00	23.98 0.19 0.00	23.16 0.21 0.00	23.99 0.21 0.00	25.54 0.25 0.00	28.19 0.50 0.00	35.95 0.81 0.00	35.11 0.71 -1.97	30.46 0.64 -0.70	27.19 0.50 -0.21	26.43 0.82 0.00	23.29 0.74 0.00	21.40 0.62 0.00	20.69 0.39 0.00	20.57 0.30 0.00	21.32 0.50 0.00	24.35 0.62 0.00	33.24 0.81 -0.02	37.09 0.44 -0.04	31.85 0.25 -0.72	27.36 0.29 -0.88	23.41 -0.05 -0.19	23.80 -0.02 0.00	23.30 -0.14 0.00
HICKLING___2 23622	24.48 0.07 0.00	23.98 0.19 0.00	23.16 0.21 0.00	23.99 0.21 0.00	25.54 0.25 0.00	28.19 0.50 0.00	35.95 0.81 0.00	35.11 0.71 -1.97	30.46 0.64 -0.70	27.19 0.50 -0.21	26.43 0.82 0.00	23.29 0.74 0.00	21.40 0.62 0.00	20.69 0.39 0.00	20.57 0.30 0.00	21.32 0.50 0.00	24.35 0.62 0.00	33.24 0.81 -0.02	37.09 0.44 -0.04	31.85 0.25 -0.72	27.36 0.29 -0.88	23.41 -0.05 -0.19	23.80 -0.02 0.00	23.30 -0.14 0.00
HIGH FALLS___HY 23754	25.89 1.49 0.00	25.19 1.40 0.00	24.31 1.35 0.00	25.09 1.31 0.00	26.73 1.44 0.00	29.33 1.63 0.00	37.85 2.71 0.00	42.15 2.72 -7.00	34.06 2.45 -2.50	29.39 2.17 -0.73	27.59 1.97 0.00	24.21 1.67 0.00	22.04 1.27 0.00	21.40 1.10 0.00	21.34 1.07 0.00	22.09 1.27 0.00	25.34 1.61 0.00	34.83 2.43 0.00	39.40 2.71 -0.08	35.75 2.32 -2.55	31.42 2.10 -3.13	25.76 1.81 -0.68	25.47 1.64 0.00	24.73 1.29 0.00
HILLBURN___GT 23639	25.84 1.44 0.00	25.09 1.31 0.00	24.19 1.24 0.00	24.97 1.19 0.00	26.60 1.31 0.00	29.13 1.44 0.00	37.60 2.46 0.00	41.64 2.53 -6.69	33.85 2.36 -2.39	29.38 2.20 -0.70	27.64 2.02 0.00	24.35 1.80 0.00	22.36 1.58 0.00	21.69 1.38 0.00	21.60 1.34 0.00	22.36 1.54 0.00	25.51 1.78 0.00	34.96 2.56 0.00	39.55 2.86 -0.08	35.79 2.47 -2.43	31.25 2.07 -2.99	25.73 1.82 -0.65	25.49 1.67 0.00	24.73 1.29 0.00
HILLSIDE_115KV_TB1 80332	24.19 -0.22 0.00	23.67 -0.12 0.00	22.89 -0.07 0.00	23.68 -0.10 0.00	25.19 -0.10 0.00	27.78 0.08 0.00	35.39 0.25 0.00	34.54 0.10 -2.02	29.95 0.12 -0.72	26.75 0.05 -0.21	25.97 0.36 0.00	22.92 0.38 0.00	21.07 0.29 0.00	20.39 0.08 0.00	20.26 0.00 0.00	20.99 0.17 0.00	23.94 0.21 0.00	32.65 0.23 -0.02	36.39 -0.26 -0.04	31.35 -0.28 -0.74	26.97 -0.13 -0.90	23.09 -0.37 -0.20	23.54 -0.29 0.00	23.05 -0.40 0.00



HISHELDN_WT_PWR 323625	22.16 -2.24 0.00	21.86 -1.93 0.00	21.19 -1.77 0.00	21.92 -1.85 0.00	23.21 -2.07 0.00	25.78 -1.91 0.00	32.40 -2.74 0.00	31.21 -2.37 -1.15	27.40 -2.12 -0.41	24.75 -1.85 -0.12	24.16 -1.46 0.00	21.55 -0.99 0.00	19.82 -0.96 0.00	19.13 -1.18 0.00	18.91 -1.36 0.00	19.64 -1.19 0.00	22.14 -1.59 0.00	29.83 -2.56 0.01	33.03 -3.59 -0.01	28.37 -2.94 -0.42	24.14 -2.57 -0.52	21.10 -2.28 -0.11	21.37 -2.45 0.00	20.89 -2.55 0.00
HOLTSVILLE_IC_1 23690	29.68 2.24 -3.03	27.89 2.14 -1.96	24.95 2.00 0.00	25.75 1.97 0.00	27.80 2.17 -0.33	31.63 2.38 -1.55	40.75 3.72 -1.89	43.14 3.63 -7.09	40.74 3.46 -8.17	34.95 3.10 -5.37	31.32 2.94 -2.76	28.56 2.57 -3.45	27.42 2.27 -4.37	26.95 2.07 -4.57	28.70 2.05 -6.39	33.01 2.33 -9.86	35.00 2.68 -8.59	49.81 3.60 -13.81	55.99 3.96 -15.43	50.68 3.43 -16.37	45.45 2.88 -16.38	36.48 2.58 -10.64	32.00 2.55 -5.62	28.83 2.16 -3.23
HOLTSVILLE_IC_10 23699	29.78 2.34 -3.03	27.98 2.24 -1.96	25.07 2.11 0.00	25.87 2.09 0.00	27.92 2.30 -0.33	31.79 2.55 -1.55	40.97 3.94 -1.89	43.37 3.86 -7.09	40.92 3.64 -8.17	35.11 3.26 -5.37	31.45 3.07 -2.76	28.67 2.68 -3.45	27.50 2.35 -4.37	27.05 2.17 -4.57	28.82 2.17 -6.39	33.11 2.43 -9.86	35.14 2.82 -8.59	49.72 3.85 -13.46	55.98 4.24 -15.13	50.52 3.64 -15.99	45.29 3.04 -16.06	36.64 2.74 -10.63	32.11 2.67 -5.62	28.95 2.27 -3.23
HOLTSVILLE_IC_2 23691	29.68 2.24 -3.03	27.89 2.14 -1.96	24.95 2.00 0.00	25.75 1.97 0.00	27.80 2.17 -0.33	31.63 2.38 -1.55	40.75 3.72 -1.89	43.14 3.63 -7.09	40.74 3.46 -8.17	34.95 3.10 -5.37	31.32 2.94 -2.76	28.56 2.57 -3.45	27.42 2.27 -4.37	26.95 2.07 -4.57	28.70 2.05 -6.39	33.01 2.33 -9.86	35.00 2.68 -8.59	49.81 3.60 -13.81	55.99 3.96 -15.43	50.68 3.43 -16.37	45.45 2.88 -16.38	36.48 2.58 -10.64	32.00 2.55 -5.62	28.83 2.16 -3.23
HOLTSVILLE_IC_3 23692	29.68 2.24 -3.03	27.89 2.14 -1.96	24.95 2.00 0.00	25.75 1.97 0.00	27.80 2.17 -0.33	31.63 2.38 -1.55	40.75 3.72 -1.89	43.14 3.63 -7.09	40.74 3.46 -8.17	34.95 3.10 -5.37	31.32 2.94 -2.76	28.56 2.57 -3.45	27.42 2.27 -4.37	26.95 2.07 -4.57	28.70 2.05 -6.39	33.01 2.33 -9.86	35.00 2.68 -8.59	49.81 3.60 -13.81	55.99 3.96 -15.43	50.68 3.43 -16.37	45.45 2.88 -16.38	36.48 2.58 -10.64	32.00 2.55 -5.62	28.83 2.16 -3.23
HOLTSVILLE_IC_4 23693	29.68 2.24 -3.03	27.89 2.14 -1.96	24.95 2.00 0.00	25.75 1.97 0.00	27.80 2.17 -0.33	31.63 2.38 -1.55	40.75 3.72 -1.89	43.14 3.63 -7.09	40.74 3.46 -8.17	34.95 3.10 -5.37	31.32 2.94 -2.76	28.56 2.57 -3.45	27.42 2.27 -4.37	26.95 2.07 -4.57	28.70 2.05 -6.39	33.01 2.33 -9.86	35.00 2.68 -8.59	49.81 3.60 -13.81	55.99 3.96 -15.43	50.68 3.43 -16.37	45.45 2.88 -16.38	36.48 2.58 -10.64	32.00 2.55 -5.62	28.83 2.16 -3.23
HOLTSVILLE_IC_5 23694	29.68 2.24 -3.03	27.89 2.14 -1.96	24.95 2.00 0.00	25.75 1.97 0.00	27.80 2.17 -0.33	31.63 2.38 -1.55	40.75 3.72 -1.89	43.14 3.63 -7.09	40.74 3.46 -8.17	34.95 3.10 -5.37	31.32 2.94 -2.76	28.56 2.57 -3.45	27.42 2.27 -4.37	26.95 2.07 -4.57	28.70 2.05 -6.39	33.01 2.33 -9.86	35.00 2.68 -8.59	49.81 3.60 -13.81	55.99 3.96 -15.43	50.68 3.43 -16.37	45.45 2.88 -16.38	36.48 2.58 -10.64	32.00 2.55 -5.62	28.83 2.16 -3.23
HOLTSVILLE_IC_6 23695	29.78 2.34 -3.03	27.98 2.24 -1.96	25.07 2.11 0.00	25.87 2.09 0.00	27.92 2.30 -0.33	31.79 2.55 -1.55	40.97 3.94 -1.89	43.37 3.86 -7.09	40.92 3.64 -8.17	35.11 3.26 -5.37	31.45 3.07 -2.76	28.67 2.68 -3.45	27.50 2.35 -4.37	27.05 2.17 -4.57	28.82 2.17 -6.39	33.11 2.43 -9.86	35.14 2.82 -8.59	49.72 3.85 -13.46	55.98 4.24 -15.13	50.52 3.64 -15.99	45.29 3.04 -16.06	36.64 2.74 -10.63	32.11 2.67 -5.62	28.95 2.27 -3.23
HOLTSVILLE_IC_7 23696	29.78 2.34 -3.03	27.98 2.24 -1.96	25.07 2.11 0.00	25.87 2.09 0.00	27.92 2.30 -0.33	31.79 2.55 -1.55	40.97 3.94 -1.89	43.37 3.86 -7.09	40.92 3.64 -8.17	35.11 3.26 -5.37	31.45 3.07 -2.76	28.67 2.68 -3.45	27.50 2.35 -4.37	27.05 2.17 -4.57	28.82 2.17 -6.39	33.11 2.43 -9.86	35.14 2.82 -8.59	49.72 3.85 -13.46	55.98 4.24 -15.13	50.52 3.64 -15.99	45.29 3.04 -16.06	36.64 2.74 -10.63	32.11 2.67 -5.62	28.95 2.27 -3.23
HOLTSVILLE_IC_8 23697	29.78 2.34 -3.03	27.98 2.24 -1.96	25.07 2.11 0.00	25.87 2.09 0.00	27.92 2.30 -0.33	31.79 2.55 -1.55	40.97 3.94 -1.89	43.37 3.86 -7.09	40.92 3.64 -8.17	35.11 3.26 -5.37	31.45 3.07 -2.76	28.67 2.68 -3.45	27.50 2.35 -4.37	27.05 2.17 -4.57	28.82 2.17 -6.39	33.11 2.43 -9.86	35.14 2.82 -8.59	49.72 3.85 -13.46	55.98 4.24 -15.13	50.52 3.64 -15.99	45.29 3.04 -16.06	36.64 2.74 -10.63	32.11 2.67 -5.62	28.95 2.27 -3.23
HOLTSVILLE_IC_9 23698	29.78 2.34 -3.03	27.98 2.24 -1.96	25.07 2.11 0.00	25.87 2.09 0.00	27.92 2.30 -0.33	31.79 2.55 -1.55	40.97 3.94 -1.89	43.37 3.86 -7.09	40.92 3.64 -8.17	35.11 3.26 -5.37	31.45 3.07 -2.76	28.67 2.68 -3.45	27.50 2.35 -4.37	27.05 2.17 -4.57	28.82 2.17 -6.39	33.11 2.43 -9.86	35.14 2.82 -8.59	49.72 3.85 -13.46	55.98 4.24 -15.13	50.52 3.64 -15.99	45.29 3.04 -16.06	36.64 2.74 -10.63	32.11 2.67 -5.62	28.95 2.27 -3.23
HOMER_HL_115KV_TB2 355744	23.43 -0.98 0.00	23.05 -0.74 0.00	22.31 -0.64 0.00	23.02 -0.76 0.00	24.43 -0.86 0.00	27.06 -0.64 0.00	34.44 -0.70 0.00	31.52 -2.24 -1.34	27.44 -2.15 -0.48	24.74 -1.88 -0.14	25.23 -0.38 0.00	22.50 -0.05 0.00	20.69 -0.08 0.00	19.90 -0.41 0.00	19.68 -0.59 0.00	20.45 -0.37 0.00	23.14 -0.59 0.00	31.21 -1.20 0.00	33.44 -3.19 -0.02	28.41 -2.97 -0.49	24.54 -2.25 -0.60	21.05 -2.35 -0.13	22.49 -1.33 0.00	22.11 -1.34 0.00
HOWARD_WT_PWR 323690	24.45 0.05 0.00	23.93 0.14 0.00	23.16 0.21 0.00	24.06 0.29 0.00	25.69 0.40 0.00	28.50 0.80 0.00	36.51 1.37 0.00	35.52 1.39 -1.71	30.91 1.19 -0.61	27.64 0.98 -0.18	26.90 1.28 0.00	23.71 1.17 0.00	21.77 1.00 0.00	21.03 0.73 0.00	20.93 0.67 0.00	21.72 0.89 0.00	24.89 1.16 0.00	34.02 1.59 -0.03	38.04 1.39 -0.04	32.34 0.83 -0.62	27.45 0.50 -0.76	23.71 0.28 -0.17	23.89 0.07 0.00	23.33 -0.12 0.00
HQ_GEN_CEDARS 23644	24.31 -0.10 0.00	23.74 -0.05 0.00	22.89 -0.07 0.00	23.80 0.02 0.00	25.13 -0.15 0.00	27.50 -0.19 0.00	34.44 -0.70 0.00	31.45 -0.97 0.00	28.24 -0.87 0.00	25.66 -0.82 0.00	24.85 -0.77 0.00	21.84 -0.70 0.00	20.22 -0.56 0.00	19.88 -0.43 0.00	19.92 -0.34 0.00	20.30 -0.52 0.00	23.21 -0.52 0.00	31.69 -0.71 0.00	35.95 -0.66 0.00	30.27 -0.62 0.00	25.59 -0.60 0.00	22.82 -0.44 0.00	23.63 -0.19 0.00	23.63 0.19 0.00
HQ_GEN_CEDARS_PROXY 323590	24.11 -0.29 0.00	23.74 -0.05 0.00	22.89 -0.07 0.00	23.80 0.02 0.00	25.14 -0.15 0.00	28.04 -0.19 0.00	33.90 -0.70 0.54	31.45 -0.97 0.00	28.24 -0.87 0.00	25.66 -0.82 0.00	24.85 -0.77 0.00	21.84 -0.70 0.00	20.22 -0.56 0.00	19.88 -0.43 0.00	19.92 -0.34 0.00	20.30 -0.52 0.00	23.21 -0.52 0.00	31.69 -0.71 0.00	35.91 -0.70 0.00	29.47 -0.62 0.80	25.12 -0.52 0.55	24.16 -0.44 -1.34	23.63 -0.19 0.00	23.63 0.19 0.00



HQ_GEN_IMPORT 323601	24.26 -0.15 0.00	23.69 -0.09 0.00	22.86 -0.09 0.00	23.71 -0.07 0.00	25.21 -0.08 0.00	29.89 -0.17 -2.36	38.93 -0.53 -4.32	25.00 -0.74 6.68	28.39 -0.73 0.00	25.82 -0.66 0.00	25.00 -0.62 0.00	22.00 -0.54 0.00	20.34 -0.44 0.00	20.00 -0.30 0.00	20.00 -0.26 0.00	20.42 -0.40 0.00	23.26 -0.47 0.00	31.72 -0.68 0.00	35.91 -0.70 0.00	29.50 -0.59 0.80	25.18 -0.47 0.55	22.00 -0.37 0.89	19.99 -0.19 3.64	29.34 0.02 -5.88
HQ_GEN_WHEEL 23651	24.26 -0.15 0.00	23.69 -0.09 0.00	22.86 -0.09 0.00	23.71 -0.07 0.00	25.21 -0.08 0.00	29.89 -0.17 -2.36	38.93 -0.53 -4.32	25.00 -0.74 6.68	28.39 -0.73 0.00	25.82 -0.66 0.00	25.00 -0.62 0.00	22.00 -0.54 0.00	20.34 -0.44 0.00	20.00 -0.30 0.00	20.00 -0.26 0.00	20.42 -0.40 0.00	23.26 -0.47 0.00	31.72 -0.68 0.00	35.91 -0.70 0.00	29.50 -0.59 0.80	25.18 -0.47 0.55	22.00 -0.37 0.89	19.99 -0.19 3.64	29.34 0.02 -5.88
HUDSON AVE_GT_3 23810	26.09 1.68 0.00	25.31 1.52 0.00	24.36 1.40 0.00	25.13 1.36 0.00	26.80 1.52 0.00	29.35 1.66 0.00	37.95 2.81 0.00	42.34 2.92 -7.00	34.42 2.79 -2.51	30.49 2.60 -1.41	28.06 2.43 -0.02	26.26 2.16 -1.55	26.39 1.91 -3.70	26.09 1.75 -4.04	25.30 1.68 -3.35	26.40 1.87 -3.70	28.47 2.18 -2.56	35.47 3.05 -0.02	40.04 3.33 -0.10	36.35 2.90 -2.56	31.83 2.49 -3.15	26.14 2.16 -0.72	25.86 2.02 -0.02	25.02 1.57 0.00
HUDSON AVE_GT_4 23540	26.09 1.68 0.00	25.31 1.52 0.00	24.36 1.40 0.00	25.13 1.36 0.00	26.80 1.52 0.00	29.35 1.66 0.00	37.95 2.81 0.00	42.34 2.92 -7.00	34.42 2.79 -2.51	30.49 2.60 -1.41	28.06 2.43 -0.02	26.26 2.16 -1.55	26.39 1.91 -3.70	26.09 1.75 -4.04	25.30 1.68 -3.35	26.40 1.87 -3.70	28.47 2.18 -2.56	35.47 3.05 -0.02	40.04 3.33 -0.10	36.35 2.90 -2.56	31.83 2.49 -3.15	26.14 2.16 -0.72	25.86 2.02 -0.02	25.02 1.57 0.00
HUDSON AVE_GT_5 23657	26.09 1.68 0.00	25.31 1.52 0.00	24.36 1.40 0.00	25.13 1.36 0.00	26.80 1.52 0.00	29.35 1.66 0.00	37.95 2.81 0.00	42.34 2.92 -7.00	34.42 2.79 -2.51	30.49 2.60 -1.41	28.06 2.43 -0.02	26.26 2.16 -1.55	26.39 1.91 -3.70	26.09 1.75 -4.04	25.30 1.68 -3.35	26.40 1.87 -3.70	28.47 2.18 -2.56	35.47 3.05 -0.02	40.04 3.33 -0.10	36.35 2.90 -2.56	31.83 2.49 -3.15	26.14 2.16 -0.72	25.86 2.02 -0.02	25.02 1.57 0.00
HUDSON_AVE_10 24168	25.97 1.56 0.00	25.26 1.47 0.00	24.31 1.35 0.00	25.09 1.31 0.00	26.73 1.44 0.00	29.30 1.61 0.00	37.95 2.81 0.00	42.34 2.92 -7.00	34.42 2.79 -2.51	30.46 2.57 -1.41	28.04 2.41 -0.02	26.24 2.14 -1.55	26.37 1.89 -3.70	26.07 1.73 -4.04	25.28 1.66 -3.35	26.40 1.87 -3.70	28.45 2.16 -2.56	35.47 3.05 -0.02	40.04 3.33 -0.10	36.35 2.90 -2.56	31.83 2.49 -3.15	26.12 2.14 -0.72	25.84 2.00 -0.02	24.97 1.52 0.00
HUDSON___115KV_TB 4 355613	25.65 1.24 0.00	24.98 1.19 0.00	24.13 1.17 0.00	24.99 1.21 0.00	26.58 1.29 0.00	29.16 1.47 0.00	37.36 2.21 0.00	42.77 1.95 -8.40	33.68 1.57 -3.00	28.66 1.30 -0.88	27.02 1.41 0.00	23.74 1.19 0.00	21.80 1.02 0.00	21.24 0.93 0.00	21.16 0.89 0.00	21.90 1.08 0.00	25.06 1.33 0.00	34.38 1.98 0.00	38.98 2.27 -0.10	35.61 1.67 -3.06	31.34 1.39 -3.76	25.25 1.16 -0.82	25.06 1.24 0.00	24.62 1.17 0.00
HUNTER MOUNT___DRP 323613	25.80 1.39 0.00	25.12 1.33 0.00	24.29 1.33 0.00	25.16 1.38 0.00	26.75 1.47 0.00	29.38 1.69 0.00	37.60 2.46 0.00	42.61 2.01 -8.17	33.57 1.54 -2.92	28.56 1.22 -0.86	27.02 1.41 0.00	23.71 1.17 0.00	21.75 0.98 0.00	21.20 0.89 0.00	21.14 0.87 0.00	21.88 1.06 0.00	25.08 1.35 0.00	34.48 2.07 0.00	39.16 2.45 -0.10	35.50 1.64 -2.97	31.16 1.31 -3.66	25.16 1.09 -0.80	25.09 1.26 0.00	24.69 1.24 0.00
HUNTINGTON_RES_REC 323705	29.68 2.24 -3.03	27.84 2.09 -1.96	24.93 1.97 0.00	25.73 1.95 0.00	27.82 2.20 -0.33	31.68 2.44 -1.55	40.83 3.80 -1.89	43.38 3.79 -7.17	40.80 3.52 -8.17	35.03 3.18 -5.37	31.37 3.00 -2.76	28.63 2.64 -3.45	27.48 2.33 -4.37	27.01 2.13 -4.57	28.76 2.11 -6.39	33.05 2.37 -9.86	35.07 2.75 -8.59	57.39 4.02 -20.97	62.71 4.47 -21.63	58.83 3.83 -24.11	52.23 3.19 -22.85	36.83 2.84 -10.73	32.02 2.57 -5.62	28.83 2.16 -3.23
HUNTLEY___63 23557	22.26 -2.15 0.00	21.88 -1.90 0.00	21.19 -1.77 0.00	21.88 -1.90 0.00	23.14 -2.15 0.00	25.62 -2.08 0.00	32.16 -2.99 0.00	31.18 -2.37 -1.12	27.39 -2.13 -0.40	24.72 -1.88 -0.12	23.95 -1.66 0.00	21.39 -1.15 0.00	19.66 -1.12 0.00	18.96 -1.34 0.00	18.76 -1.50 0.00	19.45 -1.37 0.00	21.95 -1.78 0.00	29.61 -2.79 0.01	32.77 -3.84 -0.01	28.30 -3.00 -0.41	24.62 -2.07 -0.50	21.12 -2.26 -0.11	21.42 -2.41 0.00	20.89 -2.56 0.00
HUNTLEY___64 23558	22.26 -2.15 0.00	21.88 -1.90 0.00	21.19 -1.77 0.00	21.88 -1.90 0.00	23.14 -2.15 0.00	25.62 -2.08 0.00	32.16 -2.99 0.00	31.18 -2.37 -1.12	27.39 -2.13 -0.40	24.72 -1.88 -0.12	23.95 -1.66 0.00	21.39 -1.15 0.00	19.66 -1.12 0.00	18.96 -1.34 0.00	18.76 -1.50 0.00	19.45 -1.37 0.00	21.95 -1.78 0.00	29.61 -2.79 0.01	32.77 -3.84 -0.01	28.30 -3.00 -0.41	24.62 -2.07 -0.50	21.12 -2.26 -0.11	21.42 -2.41 0.00	20.89 -2.56 0.00
HUNTLEY___65 23559	22.26 -2.15 0.00	21.88 -1.90 0.00	21.19 -1.77 0.00	21.88 -1.90 0.00	23.14 -2.15 0.00	25.62 -2.08 0.00	32.16 -2.99 0.00	31.18 -2.37 -1.12	27.39 -2.13 -0.40	24.72 -1.88 -0.12	23.95 -1.66 0.00	21.39 -1.15 0.00	19.66 -1.12 0.00	18.96 -1.34 0.00	18.76 -1.50 0.00	19.45 -1.37 0.00	21.95 -1.78 0.00	29.61 -2.79 0.01	32.77 -3.84 -0.01	28.30 -3.00 -0.41	24.62 -2.07 -0.50	21.12 -2.26 -0.11	21.42 -2.41 0.00	20.89 -2.56 0.00
HUNTLEY___66 23560	22.26 -2.15 0.00	21.88 -1.90 0.00	21.19 -1.77 0.00	21.88 -1.90 0.00	23.14 -2.15 0.00	25.62 -2.08 0.00	32.16 -2.99 0.00	31.18 -2.37 -1.12	27.39 -2.13 -0.40	24.72 -1.88 -0.12	23.95 -1.66 0.00	21.39 -1.15 0.00	19.66 -1.12 0.00	18.96 -1.34 0.00	18.76 -1.50 0.00	19.45 -1.37 0.00	21.95 -1.78 0.00	29.61 -2.79 0.01	32.77 -3.84 -0.01	28.30 -3.00 -0.41	24.62 -2.07 -0.50	21.12 -2.26 -0.11	21.42 -2.41 0.00	20.89 -2.56 0.00
HUNTLEY___67 23561	22.28 -2.12 0.00	21.93 -1.86 0.00	21.21 -1.74 0.00	21.92 -1.85 0.00	23.16 -2.12 0.00	25.64 -2.05 0.00	32.19 -2.95 0.00	31.12 -2.43 -1.13	27.33 -2.18 -0.40	24.67 -1.93 -0.12	23.95 -1.66 0.00	21.39 -1.15 0.00	19.66 -1.12 0.00	18.96 -1.34 0.00	18.78 -1.48 0.00	19.47 -1.35 0.00	21.95 -1.78 0.00	29.61 -2.79 0.01	32.74 -3.88 -0.01	28.27 -3.03 -0.41	24.60 -2.10 -0.51	21.12 -2.26 -0.11	21.44 -2.38 0.00	20.94 -2.51 0.00
HUNTLEY___68 23562	22.28 -2.12 0.00	21.93 -1.86 0.00	21.21 -1.74 0.00	21.92 -1.85 0.00	23.16 -2.12 0.00	25.64 -2.05 0.00	32.19 -2.95 0.00	31.12 -2.43 -1.13	27.33 -2.18 -0.40	24.67 -1.93 -0.12	23.95 -1.66 0.00	21.39 -1.15 0.00	19.66 -1.12 0.00	18.96 -1.34 0.00	18.78 -1.48 0.00	19.47 -1.35 0.00	21.95 -1.78 0.00	29.61 -2.79 0.01	32.74 -3.88 -0.01	28.27 -3.03 -0.41	24.60 -2.10 -0.51	21.12 -2.26 -0.11	21.44 -2.38 0.00	20.94 -2.51 0.00



HYLAND___LFGE 323620	24.58 0.17 0.00	23.98 0.19 0.00	23.21 0.25 0.00	24.11 0.33 0.00	25.64 0.35 0.00	28.50 0.80 0.00	36.48 1.34 0.00	35.66 1.78 -1.45	30.91 1.28 -0.52	27.48 0.85 -0.15	26.43 0.82 0.00	23.26 0.72 0.00	21.30 0.52 0.00	20.59 0.28 0.00	20.57 0.30 0.00	21.38 0.56 0.00	24.61 0.88 0.00	33.94 1.52 -0.01	38.21 1.57 -0.02	32.65 1.24 -0.53	27.55 0.71 -0.65	23.90 0.49 -0.14	23.97 0.14 0.00	23.33 -0.12 0.00
INDECK___CORINTH 23802	25.70 1.29 0.00	24.93 1.14 0.00	24.03 1.08 0.00	24.99 1.21 0.00	26.60 1.31 0.00	29.22 1.52 0.00	37.46 2.32 0.00	43.52 2.17 -8.92	34.07 1.78 -3.18	28.93 1.51 -0.94	27.15 1.54 0.00	23.74 1.19 0.00	21.71 0.94 0.00	21.18 0.87 0.00	21.05 0.79 0.00	21.82 1.00 0.00	24.99 1.26 0.00	34.45 2.04 0.00	39.17 2.45 -0.11	36.05 1.92 -3.25	31.76 1.57 -3.99	25.42 1.28 -0.87	25.04 1.21 0.00	24.36 0.91 0.00
INDECK___ILION 23567	24.82 0.41 0.00	24.19 0.40 0.00	23.35 0.39 0.00	24.18 0.40 0.00	25.74 0.46 0.00	28.25 0.55 0.00	35.95 0.81 0.00	33.23 0.81 0.00	29.87 0.76 0.00	27.17 0.69 0.00	26.28 0.67 0.00	23.08 0.54 0.00	21.21 0.44 0.00	20.71 0.41 0.00	20.67 0.41 0.00	21.28 0.46 0.00	24.30 0.57 0.00	33.25 0.84 0.00	37.56 0.95 0.00	31.63 0.74 0.00	26.74 0.55 0.00	23.71 0.44 0.00	24.18 0.36 0.00	23.70 0.26 0.00
INDECK___OLEAN 23982	23.45 -0.95 0.00	23.05 -0.74 0.00	22.31 -0.64 0.00	23.02 -0.76 0.00	24.43 -0.86 0.00	27.06 -0.64 0.00	34.44 -0.70 0.00	31.54 -2.24 -1.35	27.44 -2.15 -0.48	24.72 -1.91 -0.14	25.23 -0.38 0.00	22.50 -0.04 0.00	20.71 -0.06 0.00	19.90 -0.41 0.00	19.68 -0.59 0.00	20.47 -0.35 0.00	23.14 -0.59 0.00	31.21 -1.20 0.00	33.77 -2.86 -0.02	28.45 -2.94 -0.49	24.26 -2.54 -0.61	21.56 -1.84 -0.13	22.47 -1.36 0.00	22.13 -1.31 0.00
INDECK___OSWEGO 23783	23.45 -0.95 0.00	22.86 -0.93 0.00	22.06 -0.90 0.00	22.87 -0.90 0.00	24.35 -0.94 0.00	26.72 -0.97 0.00	34.02 -1.13 0.00	32.29 -0.81 -0.68	28.63 -0.73 -0.24	25.89 -0.66 -0.07	24.95 -0.67 0.00	21.93 -0.61 0.00	20.20 -0.58 0.00	19.67 -0.63 0.00	19.61 -0.65 0.00	20.20 -0.62 0.00	23.02 -0.71 0.00	31.46 -0.94 0.00	35.56 -1.06 -0.01	30.24 -0.90 -0.25	25.68 -0.81 -0.30	22.56 -0.77 -0.07	22.89 -0.93 0.00	22.44 -1.01 0.00
INDECK___YERKES 23781	22.26 -2.15 0.00	21.91 -1.88 0.00	21.19 -1.77 0.00	21.90 -1.88 0.00	23.14 -2.15 0.00	25.64 -2.05 0.00	32.19 -2.95 0.00	31.22 -2.33 -1.13	27.42 -2.10 -0.40	24.75 -1.85 -0.12	23.98 -1.64 0.00	21.41 -1.13 0.00	19.68 -1.10 0.00	18.98 -1.32 0.00	18.79 -1.48 0.00	19.49 -1.33 0.00	21.98 -1.76 0.00	29.61 -2.79 0.01	32.92 -3.70 -0.01	28.36 -2.94 -0.41	24.16 -2.54 -0.51	21.16 -2.21 -0.11	21.39 -2.43 0.00	20.91 -2.53 0.00
INDIAN POINT_GT_1 24139	25.82 1.42 0.00	25.12 1.33 0.00	24.19 1.24 0.00	24.99 1.21 0.00	26.60 1.31 0.00	29.16 1.47 0.00	37.60 2.46 0.00	41.89 2.56 -6.90	33.99 2.42 -2.46	29.43 2.22 -0.72	27.69 2.07 0.00	24.39 1.85 0.00	22.38 1.60 0.00	21.75 1.44 0.00	21.64 1.38 0.00	22.38 1.56 0.00	25.56 1.83 0.00	35.00 2.59 0.00	39.55 2.86 -0.08	35.87 2.47 -2.51	31.40 2.12 -3.09	25.78 1.84 -0.67	25.51 1.69 0.00	24.76 1.31 0.00
INDIAN POINT_GT_2 23659	25.82 1.42 0.00	25.12 1.33 0.00	24.19 1.24 0.00	24.99 1.21 0.00	26.60 1.31 0.00	29.16 1.47 0.00	37.60 2.46 0.00	41.89 2.56 -6.90	33.99 2.42 -2.46	29.43 2.22 -0.72	27.69 2.07 0.00	24.39 1.85 0.00	22.38 1.60 0.00	21.75 1.44 0.00	21.64 1.38 0.00	22.38 1.56 0.00	25.56 1.83 0.00	35.00 2.59 0.00	39.55 2.86 -0.08	35.87 2.47 -2.51	31.40 2.12 -3.09	25.78 1.84 -0.67	25.51 1.69 0.00	24.76 1.31 0.00
INDIAN POINT_GT_3 24019	25.82 1.42 0.00	25.12 1.33 0.00	24.19 1.24 0.00	24.99 1.21 0.00	26.60 1.31 0.00	29.16 1.47 0.00	37.60 2.46 0.00	41.89 2.56 -6.90	33.99 2.42 -2.46	29.43 2.22 -0.72	27.69 2.07 0.00	24.39 1.85 0.00	22.38 1.60 0.00	21.75 1.44 0.00	21.64 1.38 0.00	22.38 1.56 0.00	25.56 1.83 0.00	35.00 2.59 0.00	39.55 2.86 -0.08	35.87 2.47 -2.51	31.40 2.12 -3.09	25.78 1.84 -0.67	25.51 1.69 0.00	24.76 1.31 0.00
INDIAN POINT___2 23530	25.82 1.41 0.00	25.09 1.31 0.00	24.17 1.22 0.00	24.97 1.19 0.00	26.58 1.29 0.00	29.13 1.44 0.00	37.57 2.42 0.00	41.76 2.50 -6.84	33.91 2.36 -2.44	29.40 2.20 -0.72	27.64 2.02 0.00	24.35 1.80 0.00	22.36 1.58 0.00	21.70 1.40 0.00	21.62 1.36 0.00	22.38 1.56 0.00	25.53 1.80 0.00	34.96 2.56 0.00	39.51 2.82 -0.08	35.82 2.44 -2.49	31.32 2.07 -3.06	25.75 1.82 -0.67	25.49 1.67 0.00	24.73 1.29 0.00
INDIAN POINT___3 23531	25.80 1.39 0.00	25.12 1.33 0.00	24.19 1.24 0.00	24.99 1.21 0.00	26.60 1.31 0.00	29.13 1.44 0.00	37.60 2.46 0.00	41.87 2.53 -6.92	33.97 2.39 -2.47	29.43 2.22 -0.73	27.66 2.05 0.00	24.37 1.83 0.00	22.38 1.60 0.00	21.73 1.42 0.00	21.64 1.38 0.00	22.38 1.56 0.00	25.56 1.83 0.00	34.96 2.56 0.00	39.51 2.82 -0.08	35.88 2.47 -2.52	31.38 2.10 -3.10	25.76 1.81 -0.68	25.51 1.69 0.00	24.76 1.31 0.00
INGHAM_C_115KV_TB7 356103	25.02 0.61 0.00	24.40 0.62 0.00	23.58 0.62 0.00	24.42 0.64 0.00	25.99 0.71 0.00	28.55 0.86 0.00	36.34 1.19 0.00	33.59 1.17 0.00	30.19 1.08 0.00	27.46 0.98 0.00	26.56 0.95 0.00	23.33 0.79 0.00	21.38 0.60 0.00	20.87 0.57 0.00	20.83 0.57 0.00	21.49 0.67 0.00	24.54 0.81 0.00	33.57 1.17 0.00	37.93 1.32 0.00	31.88 0.99 0.00	26.90 0.71 0.00	23.82 0.56 0.00	24.25 0.43 0.00	23.75 0.30 0.00
IP CORINTH___1 23988	25.67 1.27 0.00	24.93 1.14 0.00	24.03 1.08 0.00	24.99 1.21 0.00	26.60 1.31 0.00	29.22 1.52 0.00	37.46 2.32 0.00	43.50 2.17 -8.90	34.06 1.78 -3.18	28.93 1.51 -0.93	27.15 1.54 0.00	23.74 1.19 0.00	21.71 0.93 0.00	21.18 0.87 0.00	21.05 0.79 0.00	21.82 1.00 0.00	25.01 1.28 0.00	34.45 2.04 0.00	39.21 2.49 -0.11	36.04 1.92 -3.24	31.80 1.62 -3.99	25.39 1.26 -0.87	25.04 1.21 0.00	24.36 0.91 0.00
IP___TICONDEROGA 23804	26.48 2.07 0.00	25.67 1.88 0.00	24.72 1.77 0.00	25.82 2.04 0.00	27.51 2.23 0.00	30.24 2.55 0.00	38.83 3.69 0.00	44.75 3.44 -8.89	34.99 2.71 -3.17	29.69 2.28 -0.93	28.00 2.38 0.00	24.30 1.76 0.00	22.15 1.37 0.00	21.60 1.30 0.00	21.46 1.20 0.00	22.30 1.48 0.00	25.68 1.95 0.00	35.55 3.14 0.00	40.64 3.92 -0.11	37.06 2.93 -3.24	32.63 2.46 -3.98	26.02 1.88 -0.87	25.68 1.86 0.00	24.87 1.43 0.00
ISLIP_RES_REC 323679	29.88 2.44 -3.03	28.08 2.33 -1.96	25.16 2.20 0.00	25.96 2.19 0.00	28.02 2.40 -0.33	31.91 2.66 -1.55	41.14 4.11 -1.89	43.55 4.05 -7.08	41.06 3.78 -8.17	35.24 3.39 -5.37	31.58 3.20 -2.76	28.79 2.79 -3.45	27.60 2.45 -4.37	27.13 2.25 -4.57	28.90 2.25 -6.39	33.22 2.54 -9.86	35.29 2.97 -8.59	48.96 4.02 -12.54	55.36 4.43 -14.32	49.70 3.83 -14.98	44.57 3.17 -15.21	36.72 2.84 -10.62	32.21 2.76 -5.62	29.05 2.37 -3.23



JAMAICA__27_KV_LOAD 355505	26.11 1.71 0.00	25.38 1.59 0.00	24.42 1.47 0.00	25.18 1.40 0.00	26.85 1.57 0.00	29.49 1.80 0.00	38.31 3.16 0.00	42.76 3.34 -7.00	34.77 3.14 -2.51	30.70 2.81 -1.41	28.29 2.66 -0.02	26.46 2.37 -1.55	26.58 2.10 -3.70	26.25 1.91 -4.04	25.48 1.86 -3.35	26.61 2.08 -3.70	28.68 2.40 -2.56	35.92 3.50 -0.02	40.56 3.84 -0.10	36.72 3.27 -2.56	32.17 2.83 -3.15	26.33 2.35 -0.72	26.08 2.24 -0.02	25.16 1.71 0.00
JANIS__SOLAR 323808	25.21 0.80 0.00	24.62 0.83 0.00	23.78 0.83 0.00	24.66 0.88 0.00	26.32 1.04 0.00	29.10 1.41 0.00	37.22 2.07 0.00	36.64 2.14 -2.08	31.69 1.84 -0.74	28.10 1.40 -0.22	27.02 1.41 0.00	23.58 1.04 0.00	21.59 0.81 0.00	20.93 0.63 0.00	20.91 0.65 0.00	21.72 0.89 0.00	25.08 1.35 0.00	34.56 2.14 -0.02	39.14 2.49 -0.03	33.50 1.85 -0.76	28.51 1.39 -0.93	24.54 1.07 -0.20	24.66 0.83 0.00	24.08 0.63 0.00
JARVIS____ 23743	24.60 0.19 0.00	23.95 0.17 0.00	23.12 0.16 0.00	23.95 0.17 0.00	25.46 0.18 0.00	27.91 0.22 0.00	35.57 0.42 0.00	32.84 0.42 0.00	29.52 0.41 0.00	26.85 0.37 0.00	25.95 0.33 0.00	22.83 0.29 0.00	21.03 0.25 0.00	20.53 0.22 0.00	20.47 0.20 0.00	21.07 0.25 0.00	24.04 0.31 0.00	32.86 0.45 0.00	37.09 0.47 0.00	31.29 0.40 0.00	26.51 0.32 0.00	23.52 0.26 0.00	24.04 0.21 0.00	23.59 0.14 0.00
JENNISON____1 23625	25.53 1.12 0.00	24.93 1.14 0.00	24.10 1.15 0.00	24.94 1.17 0.00	26.60 1.31 0.00	29.41 1.72 0.00	37.64 2.50 0.00	37.45 2.46 -2.57	32.24 2.21 -0.92	28.58 1.83 -0.27	27.51 1.90 0.00	24.03 1.49 0.00	22.00 1.23 0.00	21.32 1.02 0.00	21.28 1.01 0.00	22.03 1.21 0.00	25.37 1.64 0.00	34.91 2.50 -0.01	39.43 2.78 -0.04	33.95 2.13 -0.93	29.10 1.75 -1.15	24.82 1.30 -0.25	24.99 1.17 0.00	24.41 0.96 0.00
JENNISON____2 23626	25.53 1.12 0.00	24.93 1.14 0.00	24.10 1.15 0.00	24.94 1.17 0.00	26.60 1.31 0.00	29.41 1.72 0.00	37.64 2.50 0.00	37.45 2.46 -2.57	32.24 2.21 -0.92	28.58 1.83 -0.27	27.51 1.90 0.00	24.03 1.49 0.00	22.00 1.23 0.00	21.32 1.02 0.00	21.28 1.01 0.00	22.03 1.21 0.00	25.37 1.64 0.00	34.91 2.50 -0.01	39.43 2.78 -0.04	33.95 2.13 -0.93	29.10 1.75 -1.15	24.82 1.30 -0.25	24.99 1.17 0.00	24.41 0.96 0.00
JERICOHO_RISE_WT_PWR 323719	23.87 -0.54 0.00	23.36 -0.43 0.00	22.50 -0.46 0.00	23.44 -0.33 0.00	24.93 -0.35 0.00	27.33 -0.36 0.00	34.30 -0.84 0.00	31.42 -1.01 0.00	28.21 -0.90 0.00	25.63 -0.85 0.00	24.69 -0.92 0.00	21.66 -0.88 0.00	20.03 -0.75 0.00	19.71 -0.59 0.00	19.84 -0.43 0.00	20.36 -0.46 0.00	23.68 -0.05 0.00	32.70 0.29 0.00	37.09 0.47 0.00	31.29 0.40 0.00	26.51 0.32 0.00	23.43 0.16 0.00	24.09 0.26 0.00	23.80 0.35 0.00
KATONAH__115KV_46KV_TB4 355592	25.97 1.56 0.00	25.26 1.47 0.00	24.36 1.40 0.00	25.16 1.38 0.00	26.78 1.49 0.00	29.33 1.63 0.00	37.88 2.74 0.00	42.40 2.85 -7.12	34.30 2.65 -2.54	29.64 2.41 -0.75	27.89 2.28 0.00	24.50 1.96 0.00	22.48 1.70 0.00	21.83 1.52 0.00	21.72 1.46 0.00	22.49 1.67 0.00	25.68 1.95 0.00	35.19 2.79 0.00	39.77 3.08 -0.09	36.14 2.66 -2.59	31.69 2.30 -3.19	25.91 1.95 -0.70	25.61 1.79 0.00	24.87 1.43 0.00
KCE_NY_1 323755	25.75 1.34 0.00	25.02 1.24 0.00	24.13 1.17 0.00	25.04 1.26 0.00	26.63 1.34 0.00	29.22 1.52 0.00	37.43 2.28 0.00	43.46 2.14 -8.90	34.09 1.81 -3.17	29.00 1.59 -0.93	27.20 1.59 0.00	23.85 1.31 0.00	21.86 1.08 0.00	21.30 0.99 0.00	21.22 0.95 0.00	21.94 1.12 0.00	25.08 1.35 0.00	34.48 2.08 0.00	39.10 2.38 -0.11	36.07 1.95 -3.24	31.77 1.60 -3.98	25.48 1.35 -0.87	25.13 1.31 0.00	24.50 1.06 0.00
KCE_NY_6_ESR 323823	22.60 -1.81 0.00	22.24 -1.55 0.00	21.53 -1.42 0.00	22.23 -1.55 0.00	23.52 -1.77 0.00	26.09 -1.61 0.00	32.79 -2.35 0.00	31.43 -2.17 -1.18	27.55 -1.98 -0.42	24.86 -1.75 -0.12	24.39 -1.23 0.00	21.75 -0.79 0.00	20.01 -0.77 0.00	19.29 -1.01 0.00	19.07 -1.20 0.00	19.80 -1.02 0.00	22.33 -1.40 0.00	30.09 -2.30 0.01	33.25 -3.37 -0.01	28.51 -2.81 -0.43	24.28 -2.44 -0.53	21.33 -2.05 -0.12	21.70 -2.12 0.00	21.24 -2.20 0.00
KEDC_PORT_JEFF_GT2 24210	29.78 2.34 -3.03	27.98 2.24 -1.96	25.04 2.09 0.00	25.85 2.07 0.00	27.90 2.28 -0.33	31.77 2.52 -1.55	40.93 3.90 -1.89	43.34 3.82 -7.10	40.89 3.61 -8.17	35.08 3.23 -5.37	31.45 3.07 -2.76	28.67 2.68 -3.45	27.50 2.35 -4.37	27.05 2.17 -4.57	28.80 2.15 -6.39	33.11 2.43 -9.86	35.14 2.82 -8.59	50.70 3.85 -14.44	56.83 4.24 -15.97	51.61 3.67 -17.05	46.20 3.06 -16.94	36.65 2.74 -10.64	32.09 2.64 -5.62	28.93 2.25 -3.23
KEDC_PORT_JEFF_GT3 24211	29.78 2.34 -3.03	27.98 2.24 -1.96	25.04 2.09 0.00	25.85 2.07 0.00	27.90 2.28 -0.33	31.77 2.52 -1.55	40.93 3.90 -1.89	43.34 3.82 -7.10	40.89 3.61 -8.17	35.08 3.23 -5.37	31.45 3.07 -2.76	28.67 2.68 -3.45	27.50 2.35 -4.37	27.05 2.17 -4.57	28.80 2.15 -6.39	33.11 2.43 -9.86	35.14 2.82 -8.59	50.70 3.85 -14.44	56.83 4.24 -15.97	51.61 3.67 -17.05	46.20 3.06 -16.94	36.65 2.74 -10.64	32.09 2.64 -5.62	28.93 2.25 -3.23
KEDC_GLWD_GT4 24219	29.51 2.07 -3.03	27.70 1.95 -1.96	24.77 1.81 0.00	25.59 1.81 0.00	27.60 1.97 -0.34	31.44 2.19 -1.55	40.44 3.41 -1.89	42.56 3.14 -7.00	40.40 3.12 -8.17	34.84 2.99 -5.37	31.20 2.82 -2.76	28.50 2.50 -3.45	27.38 2.22 -4.38	26.91 2.03 -4.58	28.62 1.97 -6.39	32.84 2.17 -9.86	34.83 2.51 -8.59	40.93 3.27 -5.25	48.25 3.63 -8.01	41.10 3.12 -7.09	37.61 2.83 -8.59	36.28 2.49 -10.52	31.78 2.34 -5.62	28.60 1.92 -3.23
KEDC_GLWD_GT5 24220	29.51 2.07 -3.03	27.70 1.95 -1.96	24.77 1.81 0.00	25.59 1.81 0.00	27.60 1.97 -0.34	31.44 2.19 -1.55	40.44 3.41 -1.89	42.56 3.14 -7.00	40.40 3.12 -8.17	34.84 2.99 -5.37	31.20 2.82 -2.76	28.50 2.50 -3.45	27.38 2.22 -4.38	26.91 2.03 -4.58	28.62 1.97 -6.39	32.84 2.17 -9.86	34.83 2.51 -8.59	40.93 3.27 -5.25	48.25 3.63 -8.01	41.10 3.12 -7.09	37.61 2.83 -8.59	36.28 2.49 -10.52	31.78 2.34 -5.62	28.60 1.92 -3.23
KENSICO____ 23655	25.89 1.49 0.00	25.19 1.40 0.00	24.26 1.31 0.00	25.06 1.28 0.00	26.68 1.39 0.00	29.24 1.55 0.00	37.74 2.60 0.00	42.06 2.66 -6.98	34.13 2.53 -2.49	29.57 2.36 -0.73	27.79 2.18 0.00	24.48 1.94 0.00	22.48 1.70 0.00	21.85 1.54 0.00	21.74 1.48 0.00	22.49 1.67 0.00	25.68 1.95 0.00	35.13 2.72 0.00	39.70 3.00 -0.08	36.05 2.63 -2.54	31.54 2.23 -3.12	25.88 1.93 -0.68	25.63 1.81 0.00	24.85 1.41 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	25.92 1.51 0.00	25.19 1.40 0.00	24.31 1.35 0.00	25.11 1.33 0.00	26.75 1.47 0.00	29.35 1.66 0.00	37.85 2.71 0.00	41.78 2.72 -6.64	33.87 2.39 -2.37	29.30 2.12 -0.70	27.56 1.95 0.00	24.19 1.65 0.00	21.96 1.18 0.00	21.34 1.04 0.00	21.28 1.01 0.00	22.03 1.21 0.00	25.27 1.54 0.00	34.74 2.33 0.00	39.33 2.64 -0.08	35.53 2.22 -2.42	31.23 2.07 -2.97	25.68 1.77 -0.65	25.44 1.62 0.00	24.73 1.29 0.00



KIAC_JFK_GT1 23816	26.04 1.64 0.00	25.31 1.52 0.00	24.36 1.40 0.00	25.13 1.36 0.00	26.78 1.49 0.00	29.41 1.72 0.00	38.20 3.06 0.00	42.63 3.21 -7.00	34.65 3.03 -2.51	30.59 2.70 -1.41	28.22 2.59 -0.02	26.37 2.28 -1.55	26.52 2.04 -3.70	26.19 1.85 -4.04	25.42 1.80 -3.35	26.52 2.00 -3.70	28.59 2.30 -2.56	35.79 3.37 -0.02	40.41 3.70 -0.10	36.60 3.15 -2.56	32.06 2.72 -3.15	26.26 2.28 -0.72	25.98 2.14 -0.02	25.09 1.64 0.00
KIAC_JFK_GT2 23817	26.04 1.64 0.00	25.31 1.52 0.00	24.36 1.40 0.00	25.13 1.36 0.00	26.78 1.49 0.00	29.41 1.72 0.00	38.20 3.06 0.00	42.63 3.21 -7.00	34.65 3.03 -2.51	30.59 2.70 -1.41	28.22 2.59 -0.02	26.37 2.28 -1.55	26.52 2.04 -3.70	26.19 1.85 -4.04	25.42 1.80 -3.35	26.52 2.00 -3.70	28.59 2.30 -2.56	35.79 3.37 -0.02	40.41 3.70 -0.10	36.60 3.15 -2.56	32.06 2.72 -3.15	26.26 2.28 -0.72	25.98 2.14 -0.02	25.09 1.64 0.00
KIAC_JFK____ 323774	26.11 1.71 0.00	25.31 1.52 0.00	24.36 1.40 0.00	25.13 1.35 0.00	26.78 1.49 0.00	29.41 1.72 0.00	38.20 3.06 0.00	42.63 3.21 -7.00	34.65 3.03 -2.51	30.62 2.73 -1.41	28.22 2.59 -0.02	26.37 2.28 -1.55	26.52 2.04 -3.70	26.19 1.85 -4.04	25.42 1.80 -3.35	26.54 2.02 -3.70	28.61 2.33 -2.56	35.79 3.37 -0.02	40.45 3.74 -0.10	36.63 3.18 -2.56	32.04 2.70 -3.15	26.26 2.28 -0.72	25.98 2.14 -0.02	25.08 1.64 0.00
KINTIGH____ 23543	22.28 -2.12 0.00	21.88 -1.90 0.00	21.16 -1.79 0.00	21.88 -1.90 0.00	23.14 -2.15 0.00	25.56 -2.13 0.00	32.12 -3.02 0.00	31.51 -1.95 -1.03	27.73 -1.75 -0.37	25.05 -1.54 -0.11	23.90 -1.72 0.00	21.28 -1.26 0.00	19.55 -1.23 0.00	18.90 -1.40 0.00	18.74 -1.52 0.00	19.43 -1.40 0.00	21.93 -1.80 0.00	29.67 -2.72 0.01	33.28 -3.33 0.00	28.82 -2.44 -0.37	24.98 -1.68 -0.46	21.55 -1.81 -0.10	21.56 -2.26 0.00	21.03 -2.41 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	24.28 -0.12 0.00	23.71 -0.07 0.00	22.82 -0.14 0.00	23.80 0.02 0.00	25.34 0.05 0.00	27.86 0.17 0.00	34.97 -0.18 0.00	32.07 -0.36 0.00	28.82 -0.29 0.00	26.19 -0.29 0.00	25.21 -0.41 0.00	22.09 -0.45 0.00	20.38 -0.39 0.00	20.04 -0.26 0.00	20.16 -0.10 0.00	20.72 -0.10 0.00	24.21 0.47 0.00	33.44 1.04 0.00	38.00 1.39 0.00	31.97 1.08 0.00	27.00 0.81 0.00	23.87 0.60 0.00	24.49 0.67 0.00	24.15 0.70 0.00
LACHUTE____HYDRO 323717	26.50 2.10 0.00	25.66 1.88 0.00	24.72 1.77 0.00	25.82 2.05 0.00	27.51 2.23 0.00	30.24 2.55 0.00	38.83 3.69 0.00	44.77 3.44 -8.91	35.00 2.71 -3.18	29.70 2.28 -0.94	28.00 2.38 0.00	24.30 1.76 0.00	22.15 1.37 0.00	21.60 1.30 0.00	21.46 1.20 0.00	22.30 1.48 0.00	25.63 1.90 0.00	35.55 3.14 0.00	40.53 3.81 -0.11	37.07 2.94 -3.24	32.56 2.38 -3.99	26.04 1.91 -0.87	25.68 1.86 0.00	24.87 1.43 0.00
LAWRNCALV_115KV_TB1 80681	23.92 -0.49 0.00	23.36 -0.43 0.00	22.52 -0.44 0.00	23.44 -0.33 0.00	24.81 -0.48 0.00	27.17 -0.53 0.00	33.98 -1.16 0.00	31.06 -1.36 0.00	27.89 -1.22 0.00	25.32 -1.17 0.00	24.56 -1.05 0.00	21.59 -0.95 0.00	19.99 -0.79 0.00	19.65 -0.65 0.00	19.70 -0.57 0.00	20.05 -0.77 0.00	22.95 -0.78 0.00	31.40 -1.00 0.00	35.70 -0.92 0.00	29.99 -0.90 0.00	25.27 -0.92 0.00	22.57 -0.70 0.00	23.47 -0.36 0.00	23.44 0.00 0.00
LEDERLE____ 23769	25.87 1.46 0.00	25.17 1.38 0.00	24.26 1.31 0.00	25.04 1.26 0.00	26.65 1.37 0.00	29.22 1.52 0.00	37.71 2.57 0.00	41.80 2.63 -6.75	33.96 2.45 -2.41	29.47 2.28 -0.71	27.72 2.10 0.00	24.41 1.87 0.00	22.40 1.62 0.00	21.75 1.44 0.00	21.66 1.40 0.00	22.40 1.58 0.00	25.58 1.85 0.00	35.06 2.66 0.00	39.62 2.93 -0.08	35.91 2.56 -2.46	31.39 2.17 -3.02	25.81 1.88 -0.66	25.56 1.74 0.00	24.80 1.36 0.00
LIGHTHSE_115KV_TB6 355974	23.62 -0.78 0.00	23.03 -0.76 0.00	22.27 -0.69 0.00	23.09 -0.69 0.00	24.63 -0.66 0.00	27.08 -0.61 0.00	34.47 -0.67 0.00	32.62 -0.42 -0.62	28.93 -0.41 -0.22	26.18 -0.37 -0.06	25.23 -0.38 0.00	22.14 -0.41 0.00	20.32 -0.46 0.00	19.80 -0.51 0.00	19.76 -0.51 0.00	20.36 -0.46 0.00	23.28 -0.45 0.00	31.89 -0.52 0.00	36.07 -0.55 -0.01	30.59 -0.53 -0.23	26.02 -0.45 -0.28	22.77 -0.56 -0.06	23.08 -0.74 0.00	22.62 -0.82 0.00
LINDEN COGEN____ 23786	25.94 1.54 0.00	25.17 1.38 0.00	24.24 1.28 0.00	25.01 1.24 0.00	26.65 1.36 0.00	29.19 1.49 0.00	37.78 2.64 0.00	42.15 2.72 -7.00	34.27 2.65 -2.51	30.35 2.46 -1.41	27.94 2.31 -0.02	26.15 2.05 -1.55	26.29 1.81 -3.70	25.97 1.62 -4.04	25.20 1.58 -3.35	26.29 1.77 -3.70	28.35 2.06 -2.56	35.30 2.88 -0.02	39.89 3.18 -0.10	36.20 2.75 -2.56	31.67 2.33 -3.15	26.03 2.05 -0.72	25.75 1.91 -0.02	24.87 1.43 0.00
LINDHRST_69_KV_BK1 356055	29.71 2.27 -3.03	27.93 2.19 -1.96	25.00 2.04 0.00	25.80 2.02 0.00	27.85 2.23 -0.33	31.71 2.46 -1.55	40.83 3.80 -1.89	43.15 3.73 -7.00	40.80 3.52 -8.17	35.06 3.20 -5.37	31.40 3.02 -2.76	28.68 2.68 -3.45	27.52 2.37 -4.37	27.05 2.17 -4.57	28.80 2.15 -6.39	33.05 2.37 -9.86	35.10 2.78 -8.59	42.02 3.86 -5.76	49.30 4.25 -8.44	42.20 3.68 -7.64	38.31 3.09 -9.03	36.49 2.70 -10.53	32.04 2.60 -5.62	28.86 2.18 -3.23
LIPA_MISC_IPP 23656	29.66 2.22 -3.03	27.91 2.16 -1.96	25.00 2.04 0.00	25.80 2.02 0.00	27.85 2.23 -0.33	31.68 2.44 -1.55	40.83 3.80 -1.89	43.21 3.70 -7.09	40.77 3.49 -8.17	34.98 3.12 -5.37	31.35 2.97 -2.76	28.59 2.59 -3.45	27.42 2.26 -4.37	26.97 2.09 -4.57	28.72 2.07 -6.39	33.03 2.35 -9.86	35.07 2.75 -8.59	49.89 3.69 -13.79	56.05 4.03 -15.41	50.72 3.49 -16.34	45.51 2.96 -16.35	36.55 2.65 -10.63	32.02 2.57 -5.62	28.88 2.20 -3.23
LISF__SOLAR 323691	29.76 2.32 -3.03	27.96 2.21 -1.96	25.04 2.09 0.00	25.85 2.07 0.00	27.90 2.28 -0.33	31.74 2.49 -1.55	40.90 3.87 -1.89	43.30 3.79 -7.09	40.83 3.55 -8.17	35.03 3.18 -5.37	31.40 3.02 -2.76	28.63 2.64 -3.45	27.44 2.29 -4.37	26.99 2.11 -4.57	28.76 2.11 -6.39	33.07 2.39 -9.86	35.12 2.80 -8.59	49.92 3.79 -13.72	56.10 4.14 -15.35	50.74 3.58 -16.27	45.47 2.98 -16.29	36.60 2.70 -10.63	32.07 2.62 -5.62	28.93 2.25 -3.23
LITTLE FALLS____HYD 24013	25.02 0.61 0.00	24.40 0.62 0.00	23.58 0.62 0.00	24.42 0.64 0.00	25.99 0.71 0.00	28.55 0.86 0.00	36.34 1.19 0.00	33.59 1.17 0.00	30.19 1.08 0.00	27.46 0.98 0.00	26.56 0.95 0.00	23.33 0.79 0.00	21.38 0.60 0.00	20.87 0.57 0.00	20.83 0.57 0.00	21.49 0.67 0.00	24.54 0.81 0.00	33.57 1.17 0.00	37.93 1.32 0.00	31.88 0.99 0.00	26.90 0.71 0.00	23.82 0.56 0.00	24.25 0.43 0.00	23.75 0.30 0.00
LITTLRIV_115KV_TB1 356100	24.14 -0.27 0.00	23.57 -0.21 0.00	22.75 -0.21 0.00	23.66 -0.12 0.00	25.06 -0.23 0.00	27.47 -0.22 0.00	34.40 -0.74 0.00	31.45 -0.97 0.00	28.24 -0.87 0.00	25.61 -0.87 0.00	24.87 -0.74 0.00	21.82 -0.72 0.00	20.17 -0.60 0.00	19.84 -0.47 0.00	19.88 -0.39 0.00	20.24 -0.58 0.00	23.21 -0.52 0.00	31.79 -0.62 0.00	36.14 -0.48 0.00	30.36 -0.53 0.00	25.54 -0.65 0.00	22.78 -0.49 0.00	23.68 -0.14 0.00	23.66 0.21 0.00



LI_NEWBRDGE___DRP 323616	29.27 1.83 -3.03	27.50 1.76 -1.96	24.59 1.63 0.00	25.39 1.62 0.00	27.39 1.77 -0.33	31.19 1.94 -1.55	40.12 3.09 -1.89	42.50 3.08 -6.99	40.22 2.94 -8.17	34.58 2.73 -5.37	30.94 2.56 -2.76	28.27 2.28 -3.45	27.17 2.02 -4.37	26.71 1.83 -4.57	28.44 1.78 -6.39	32.65 1.98 -9.86	34.62 2.30 -8.59	40.78 3.21 -5.17	48.06 3.51 -7.93	40.95 3.06 -7.00	37.37 2.59 -8.59	36.07 2.28 -10.52	31.59 2.14 -5.62	28.41 1.73 -3.23
LOCKPORT_115KV_TB60_63_64 80432	22.16 -2.25 0.00	21.79 -2.00 0.00	21.10 -1.86 0.00	21.80 -1.97 0.00	23.04 -2.25 0.00	25.45 -2.24 0.00	31.94 -3.20 0.00	31.01 -2.50 -1.09	27.26 -2.24 -0.39	24.61 -1.99 -0.11	23.77 -1.84 0.00	21.21 -1.33 0.00	19.49 -1.29 0.00	18.82 -1.48 0.00	18.62 -1.64 0.00	19.32 -1.50 0.00	21.79 -1.95 0.00	29.41 -2.98 0.01	32.63 -3.99 -0.01	28.19 -3.09 -0.40	24.53 -2.15 -0.49	21.04 -2.33 -0.11	21.30 -2.53 0.00	20.77 -2.67 0.00
LOCKPORT___CC1 323769	22.16 -2.24 0.00	21.79 -2.00 0.00	21.10 -1.86 0.00	21.78 -2.00 0.00	23.01 -2.28 0.00	25.45 -2.24 0.00	31.94 -3.20 0.00	31.03 -2.50 -1.10	27.26 -2.24 -0.39	24.58 -2.01 -0.12	23.77 -1.84 0.00	21.21 -1.33 0.00	19.51 -1.27 0.00	18.82 -1.48 0.00	18.62 -1.64 0.00	19.32 -1.50 0.00	21.79 -1.95 0.00	29.38 -3.01 0.01	32.70 -3.92 -0.01	28.20 -3.09 -0.40	24.01 -2.67 -0.49	21.07 -2.30 -0.11	21.27 -2.55 0.00	20.77 -2.67 0.00
LOCKPORT___CC2 323770	22.16 -2.24 0.00	21.79 -2.00 0.00	21.10 -1.86 0.00	21.78 -2.00 0.00	23.01 -2.28 0.00	25.45 -2.24 0.00	31.94 -3.20 0.00	31.03 -2.50 -1.10	27.26 -2.24 -0.39	24.58 -2.01 -0.12	23.77 -1.84 0.00	21.21 -1.33 0.00	19.51 -1.27 0.00	18.82 -1.48 0.00	18.62 -1.64 0.00	19.32 -1.50 0.00	21.79 -1.95 0.00	29.38 -3.01 0.01	32.70 -3.92 -0.01	28.20 -3.09 -0.40	24.01 -2.67 -0.49	21.07 -2.30 -0.11	21.27 -2.55 0.00	20.77 -2.67 0.00
LOCKPORT___CC3 323771	22.16 -2.24 0.00	21.79 -2.00 0.00	21.10 -1.86 0.00	21.78 -2.00 0.00	23.01 -2.28 0.00	25.45 -2.24 0.00	31.94 -3.20 0.00	31.03 -2.50 -1.10	27.26 -2.24 -0.39	24.58 -2.01 -0.12	23.77 -1.84 0.00	21.21 -1.33 0.00	19.51 -1.27 0.00	18.82 -1.48 0.00	18.62 -1.64 0.00	19.32 -1.50 0.00	21.79 -1.95 0.00	29.38 -3.01 0.01	32.70 -3.92 -0.01	28.20 -3.09 -0.40	24.01 -2.67 -0.49	21.07 -2.30 -0.11	21.27 -2.55 0.00	20.77 -2.67 0.00
LONG_LAKE_PHOENIX 24014	23.50 -0.90 0.00	22.93 -0.86 0.00	22.13 -0.83 0.00	22.95 -0.83 0.00	24.43 -0.86 0.00	26.81 -0.89 0.00	34.09 -1.05 0.00	32.47 -0.65 -0.70	28.78 -0.58 -0.25	26.00 -0.56 -0.07	25.05 -0.56 0.00	22.05 -0.50 0.00	20.28 -0.50 0.00	19.74 -0.57 0.00	19.68 -0.59 0.00	20.28 -0.54 0.00	23.14 -0.59 0.00	31.59 -0.81 0.00	35.70 -0.92 -0.01	30.37 -0.77 -0.25	25.87 -0.63 -0.31	22.64 -0.70 -0.07	22.97 -0.86 0.00	22.48 -0.96 0.00
LOVETT___3 23632	25.75 1.34 0.00	25.07 1.28 0.00	24.17 1.22 0.00	24.94 1.17 0.00	26.55 1.26 0.00	29.11 1.41 0.00	37.53 2.39 0.00	41.66 2.46 -6.77	33.86 2.33 -2.42	29.36 2.17 -0.71	27.61 2.00 0.00	24.32 1.78 0.00	22.34 1.56 0.00	21.68 1.38 0.00	21.60 1.34 0.00	22.34 1.52 0.00	25.49 1.76 0.00	34.90 2.50 0.00	39.44 2.75 -0.08	35.76 2.41 -2.46	31.27 2.04 -3.03	25.72 1.79 -0.66	25.47 1.64 0.00	24.71 1.27 0.00
LOVETT___4 23642	25.75 1.34 0.00	25.07 1.28 0.00	24.17 1.22 0.00	24.94 1.17 0.00	26.55 1.26 0.00	29.11 1.41 0.00	37.53 2.39 0.00	41.66 2.46 -6.77	33.86 2.33 -2.42	29.36 2.17 -0.71	27.61 2.00 0.00	24.32 1.78 0.00	22.34 1.56 0.00	21.68 1.38 0.00	21.60 1.34 0.00	22.34 1.52 0.00	25.49 1.76 0.00	34.90 2.50 0.00	39.44 2.75 -0.08	35.76 2.41 -2.46	31.27 2.04 -3.03	25.72 1.79 -0.66	25.47 1.64 0.00	24.71 1.27 0.00
LOVETT___5 23593	25.75 1.34 0.00	25.07 1.28 0.00	24.17 1.22 0.00	24.94 1.17 0.00	26.55 1.26 0.00	29.11 1.41 0.00	37.53 2.39 0.00	41.66 2.46 -6.77	33.86 2.33 -2.42	29.36 2.17 -0.71	27.61 2.00 0.00	24.32 1.78 0.00	22.34 1.56 0.00	21.68 1.38 0.00	21.60 1.34 0.00	22.34 1.52 0.00	25.49 1.76 0.00	34.90 2.50 0.00	39.44 2.75 -0.08	35.76 2.41 -2.46	31.27 2.04 -3.03	25.72 1.79 -0.66	25.47 1.64 0.00	24.71 1.27 0.00
LOWER RAQUET___HYD 24057	23.60 -0.80 0.00	23.24 -0.55 0.00	22.40 -0.55 0.00	23.32 -0.45 0.00	24.71 -0.58 0.00	27.08 -0.61 0.00	33.84 -1.30 0.00	30.93 -1.49 0.00	27.77 -1.34 0.00	25.21 -1.27 0.00	24.46 -1.15 0.00	21.53 -1.01 0.00	19.91 -0.87 0.00	19.57 -0.73 0.00	19.61 -0.65 0.00	19.97 -0.85 0.00	22.88 -0.85 0.00	31.30 -1.10 0.00	35.55 -1.06 0.00	29.93 -0.96 0.00	25.30 -0.89 0.00	22.50 -0.77 0.00	23.44 -0.38 0.00	23.40 -0.05 0.00
LOWER___HUDSON 24059	25.53 1.12 0.00	24.83 1.05 0.00	23.94 0.99 0.00	24.80 1.02 0.00	26.37 1.09 0.00	28.91 1.22 0.00	37.00 1.86 0.00	42.94 1.78 -8.74	33.86 1.63 -3.12	28.85 1.46 -0.92	27.05 1.43 0.00	23.78 1.24 0.00	21.86 1.08 0.00	21.28 0.97 0.00	21.20 0.93 0.00	21.90 1.08 0.00	24.99 1.26 0.00	34.22 1.81 0.00	38.73 2.01 -0.10	35.76 1.70 -3.18	31.52 1.41 -3.91	25.35 1.23 -0.85	25.01 1.19 0.00	24.45 1.01 0.00
LOWVILLE_115KV_TB2 356335	23.97 -0.44 0.00	23.38 -0.40 0.00	22.66 -0.30 0.00	23.59 -0.19 0.00	25.39 0.10 0.00	28.00 0.30 0.00	35.56 0.42 0.00	33.17 0.45 -0.29	29.60 0.38 -0.10	26.75 0.24 -0.03	25.87 0.26 0.00	22.61 0.07 0.00	20.76 -0.02 0.00	20.26 -0.04 0.00	20.24 -0.02 0.00	20.84 0.02 0.00	23.97 0.24 0.00	32.96 0.55 0.00	37.42 0.81 0.00	31.49 0.49 -0.11	26.30 -0.03 -0.13	23.04 -0.26 -0.03	23.51 -0.31 0.00	23.12 -0.33 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	25.72 1.32 0.00	25.00 1.21 0.00	24.10 1.15 0.00	25.01 1.24 0.00	26.63 1.34 0.00	29.19 1.50 0.00	37.39 2.25 0.00	43.41 2.11 -8.88	34.09 1.80 -3.17	29.00 1.59 -0.93	27.18 1.56 0.00	23.83 1.28 0.00	21.86 1.08 0.00	21.30 0.99 0.00	21.20 0.93 0.00	21.92 1.10 0.00	25.08 1.35 0.00	34.48 2.07 0.00	39.10 2.38 -0.11	36.03 1.92 -3.23	31.79 1.62 -3.97	25.46 1.33 -0.87	25.11 1.29 0.00	24.48 1.03 0.00
LUTHERNY_35_KV_BK2 355980	25.72 1.32 0.00	25.02 1.24 0.00	24.13 1.17 0.00	25.04 1.26 0.00	26.63 1.34 0.00	29.22 1.52 0.00	37.43 2.28 0.00	43.44 2.14 -8.88	34.09 1.80 -3.17	29.00 1.59 -0.93	27.20 1.59 0.00	23.85 1.31 0.00	21.86 1.08 0.00	21.30 0.99 0.00	21.22 0.95 0.00	21.95 1.12 0.00	25.11 1.38 0.00	34.48 2.07 0.00	39.13 2.42 -0.11	36.07 1.95 -3.23	31.82 1.65 -3.97	25.48 1.35 -0.87	25.13 1.31 0.00	24.50 1.05 0.00
LWR___OSWEGATCHIE_HYD 23850	23.72 -0.68 0.00	23.14 -0.64 0.00	22.38 -0.57 0.00	23.30 -0.48 0.00	24.86 -0.43 0.00	27.33 -0.36 0.00	34.44 -0.70 0.00	31.93 -0.71 -0.22	28.52 -0.67 -0.08	25.79 -0.72 -0.02	25.00 -0.61 0.00	21.89 -0.65 0.00	20.17 -0.60 0.00	19.76 -0.55 0.00	19.78 -0.49 0.00	20.26 -0.56 0.00	23.23 -0.50 0.00	31.92 -0.49 0.00	36.25 -0.37 -0.08	30.50 -0.46 -0.10	25.63 -0.65 -0.10	22.64 -0.65 -0.02	23.32 -0.50 0.00	23.12 -0.33 0.00



LYONS_FALL_HYD 23570	24.33 -0.07 0.00	23.74 -0.05 0.00	22.98 0.02 0.00	23.87 0.10 0.00	25.61 0.33 0.00	28.22 0.52 0.00	35.88 0.74 0.00	33.44 0.78 -0.24	29.89 0.70 -0.08	27.04 0.53 -0.02	26.15 0.54 0.00	22.88 0.34 0.00	21.01 0.23 0.00	20.49 0.18 0.00	20.47 0.20 0.00	21.09 0.27 0.00	24.21 0.47 0.00	33.25 0.84 0.00	37.68 1.06 0.00	31.71 0.74 -0.09	26.61 0.32 -0.11	23.41 0.12 -0.02	23.87 0.05 0.00	23.44 0.00 0.00
MADISON___COUNTY_LFGE 323628	24.82 0.41 0.00	24.21 0.43 0.00	23.41 0.46 0.00	24.25 0.48 0.00	25.87 0.58 0.00	28.50 0.80 0.00	36.30 1.16 0.00	34.13 1.23 -0.48	30.42 1.14 -0.17	27.46 0.93 -0.05	26.51 0.90 0.00	23.22 0.68 0.00	21.32 0.54 0.00	20.77 0.47 0.00	20.73 0.47 0.00	21.38 0.56 0.00	24.49 0.76 0.00	33.57 1.17 0.00	37.97 1.35 -0.01	32.08 1.02 -0.17	27.19 0.79 -0.21	23.87 0.56 -0.05	24.28 0.45 0.00	23.82 0.38 0.00
MALONE___115KV_TB1 356076	24.19 -0.22 0.00	23.62 -0.17 0.00	22.73 -0.23 0.00	23.71 -0.07 0.00	25.21 -0.08 0.00	27.67 -0.03 0.00	34.65 -0.49 0.00	31.74 -0.68 0.00	28.56 -0.55 0.00	25.95 -0.53 0.00	25.05 -0.56 0.00	21.98 -0.56 0.00	20.30 -0.48 0.00	19.94 -0.37 0.00	20.06 -0.20 0.00	20.55 -0.27 0.00	23.90 0.17 0.00	32.92 0.52 0.00	37.42 0.81 0.00	31.47 0.59 0.00	26.53 0.34 0.00	23.52 0.26 0.00	24.23 0.40 0.00	23.96 0.52 0.00
MAPLEWOD_115KV_TB3 80458	25.38 0.98 0.00	24.71 0.93 0.00	23.87 0.92 0.00	24.70 0.93 0.00	26.25 0.96 0.00	28.77 1.08 0.00	36.83 1.69 0.00	42.73 1.62 -8.68	33.67 1.46 -3.10	28.72 1.32 -0.91	26.92 1.31 0.00	23.71 1.17 0.00	21.80 1.02 0.00	21.24 0.93 0.00	21.16 0.89 0.00	21.86 1.04 0.00	24.92 1.19 0.00	34.09 1.69 0.00	38.58 1.87 -0.10	35.56 1.51 -3.16	31.39 1.31 -3.89	25.25 1.14 -0.85	24.92 1.10 0.00	24.43 0.98 0.00
MAPLE RIDGE_WT_1 323574	23.62 -0.78 0.00	23.07 -0.71 0.00	22.29 -0.67 0.00	23.14 -0.64 0.00	24.63 -0.66 0.00	27.00 -0.69 0.00	34.20 -0.95 0.00	31.55 -0.87 0.00	28.39 -0.73 0.00	25.87 -0.61 0.00	25.08 -0.54 0.00	22.09 -0.45 0.00	20.40 -0.37 0.00	20.02 -0.28 0.00	20.04 -0.22 0.00	20.59 -0.23 0.00	23.52 -0.21 0.00	32.11 -0.29 0.00	36.28 -0.33 0.00	30.55 -0.34 0.00	25.80 -0.39 0.00	22.75 -0.51 0.00	23.20 -0.62 0.00	22.86 -0.59 0.00
MAPLE RIDGE_WT_2 323611	23.62 -0.78 0.00	23.07 -0.71 0.00	22.29 -0.67 0.00	23.14 -0.64 0.00	24.63 -0.66 0.00	27.00 -0.69 0.00	34.20 -0.95 0.00	31.55 -0.87 0.00	28.39 -0.73 0.00	25.87 -0.61 0.00	25.08 -0.54 0.00	22.09 -0.45 0.00	20.40 -0.37 0.00	20.02 -0.28 0.00	20.04 -0.22 0.00	20.59 -0.23 0.00	23.52 -0.21 0.00	32.11 -0.29 0.00	36.28 -0.33 0.00	30.55 -0.34 0.00	25.80 -0.39 0.00	22.75 -0.51 0.00	23.20 -0.62 0.00	22.86 -0.59 0.00
MARBLE_RIVER_WT_PWR 323696	23.89 -0.51 0.00	23.36 -0.43 0.00	22.50 -0.46 0.00	23.44 -0.33 0.00	24.96 -0.33 0.00	27.36 -0.33 0.00	34.34 -0.81 0.00	31.48 -0.94 0.00	28.27 -0.85 0.00	25.71 -0.77 0.00	24.77 -0.84 0.00	21.71 -0.83 0.00	20.05 -0.73 0.00	19.74 -0.57 0.00	19.86 -0.41 0.00	20.40 -0.42 0.00	23.75 0.02 0.00	32.79 0.39 0.00	37.23 0.62 0.00	31.38 0.49 0.00	26.61 0.42 0.00	23.50 0.23 0.00	24.13 0.31 0.00	23.82 0.37 0.00
MARSHVLE_115KV_TB1 80742	25.70 1.29 0.00	25.05 1.26 0.00	24.15 1.19 0.00	25.06 1.28 0.00	26.73 1.44 0.00	29.44 1.74 0.00	37.78 2.64 0.00	45.06 2.46 -10.17	34.69 1.95 -3.63	29.14 1.59 -1.07	27.20 1.59 0.00	23.74 1.19 0.00	21.73 0.96 0.00	21.06 0.75 0.00	20.97 0.71 0.00	21.76 0.94 0.00	25.06 1.33 0.00	34.61 2.20 0.00	39.41 2.67 -0.12	36.63 2.04 -3.70	32.42 1.68 -4.55	25.65 1.40 -0.99	25.11 1.29 0.00	24.41 0.96 0.00
MARSH_HILL_WT_PWR 323713	24.55 0.15 0.00	24.02 0.24 0.00	23.23 0.28 0.00	24.11 0.33 0.00	25.74 0.46 0.00	28.55 0.86 0.00	36.58 1.44 0.00	35.54 1.43 -1.69	30.96 1.25 -0.60	27.69 1.03 -0.18	26.95 1.33 0.00	23.74 1.19 0.00	21.79 1.02 0.00	21.06 0.75 0.00	20.95 0.69 0.00	21.74 0.92 0.00	24.92 1.19 0.00	34.08 1.65 -0.02	38.15 1.50 -0.03	32.43 0.93 -0.61	27.52 0.58 -0.76	23.78 0.35 -0.16	23.97 0.14 0.00	23.40 -0.05 0.00
MCINTYRE_115KV_TB2 80467	24.41 0.00 0.00	23.83 0.05 0.00	23.00 0.05 0.00	23.92 0.14 0.00	25.34 0.05 0.00	27.78 0.08 0.00	34.76 -0.39 0.00	31.74 -0.68 0.00	28.47 -0.64 0.00	25.82 -0.66 0.00	25.05 -0.56 0.00	21.96 -0.59 0.00	20.30 -0.48 0.00	19.98 -0.32 0.00	20.02 -0.24 0.00	20.38 -0.44 0.00	23.40 -0.33 0.00	32.05 -0.36 0.00	36.43 -0.18 0.00	30.61 -0.28 0.00	25.77 -0.42 0.00	22.99 -0.28 0.00	23.85 0.02 0.00	23.84 0.40 0.00
MECO_____69_KV_BK1 80468	26.85 2.44 0.00	26.12 2.33 0.00	25.14 2.18 0.00	26.18 2.40 0.00	27.89 2.60 0.00	30.77 3.07 0.00	39.50 4.36 0.00	46.12 3.92 -9.78	35.54 2.94 -3.49	29.89 2.38 -1.03	28.00 2.38 0.00	24.34 1.80 0.00	22.23 1.45 0.00	21.60 1.30 0.00	21.50 1.24 0.00	22.45 1.62 0.00	25.99 2.25 0.00	36.03 3.63 0.00	41.20 4.47 -0.12	37.84 3.40 -3.56	33.45 2.88 -4.38	26.52 2.30 -0.95	26.06 2.24 0.00	25.20 1.76 0.00
MENANDS___115KV_TB5 355628	25.31 0.90 0.00	24.64 0.86 0.00	23.78 0.83 0.00	24.61 0.83 0.00	26.15 0.86 0.00	28.66 0.97 0.00	36.69 1.55 0.00	42.58 1.49 -8.67	33.57 1.37 -3.09	28.64 1.24 -0.91	26.84 1.23 0.00	23.67 1.13 0.00	21.77 1.00 0.00	21.22 0.91 0.00	21.14 0.87 0.00	21.82 1.00 0.00	24.85 1.12 0.00	33.96 1.56 0.00	38.44 1.72 -0.10	35.46 1.42 -3.15	31.28 1.20 -3.88	25.18 1.07 -0.85	24.85 1.02 0.00	24.38 0.94 0.00
MG INDUSTRY___DRP 24185	25.28 0.88 0.00	24.62 0.83 0.00	23.78 0.83 0.00	24.61 0.83 0.00	26.17 0.89 0.00	28.69 1.00 0.00	36.62 1.48 0.00	42.33 1.43 -8.48	33.39 1.25 -3.03	28.51 1.14 -0.89	26.74 1.13 0.00	23.53 0.99 0.00	21.65 0.87 0.00	21.10 0.79 0.00	21.01 0.75 0.00	21.72 0.90 0.00	24.75 1.02 0.00	33.83 1.43 0.00	38.32 1.61 -0.10	35.27 1.30 -3.09	31.11 1.13 -3.80	25.05 0.95 -0.83	24.75 0.93 0.00	24.29 0.84 0.00
MID___OSWEGATCHIE_HYD 23849	23.72 -0.68 0.00	23.14 -0.64 0.00	22.38 -0.57 0.00	23.30 -0.48 0.00	24.86 -0.43 0.00	27.33 -0.36 0.00	34.44 -0.70 0.00	31.93 -0.71 -0.22	28.52 -0.67 -0.08	25.79 -0.72 -0.02	25.00 -0.61 0.00	21.89 -0.65 0.00	20.17 -0.60 0.00	19.76 -0.55 0.00	19.78 -0.49 0.00	20.26 -0.56 0.00	23.23 -0.50 0.00	31.92 -0.49 0.00	36.25 -0.37 0.00	30.50 -0.46 -0.08	25.63 -0.65 -0.10	22.64 -0.65 -0.02	23.32 -0.50 0.00	23.12 -0.33 0.00
MID___RAQUETTE_HYD 23851	23.79 -0.61 0.00	23.24 -0.55 0.00	22.40 -0.55 0.00	23.33 -0.45 0.00	24.70 -0.58 0.00	27.08 -0.61 0.00	33.84 -1.30 0.00	31.05 -1.49 -0.12	27.81 -1.34 -0.04	25.22 -1.27 -0.01	24.46 -1.15 0.00	21.53 -1.01 0.00	19.90 -0.87 0.00	19.57 -0.73 0.00	19.62 -0.65 0.00	19.97 -0.85 0.00	22.88 -0.85 0.00	31.30 -1.10 0.00	35.59 -1.03 0.00	29.97 -0.96 -0.04	25.25 -1.00 -0.05	22.51 -0.77 -0.01	23.44 -0.38 0.00	23.40 -0.05 0.00



MILLIKEN___1 23584	24.55 0.15 0.00	23.98 0.19 0.00	23.16 0.21 0.00	23.99 0.21 0.00	25.56 0.28 0.00	28.14 0.44 0.00	35.92 0.77 0.00	34.95 0.97 -1.56	30.51 0.84 -0.55	27.31 0.66 -0.16	26.31 0.69 0.00	23.06 0.52 0.00	21.17 0.39 0.00	20.57 0.26 0.00	20.49 0.22 0.00	21.20 0.37 0.00	24.28 0.55 0.00	33.26 0.84 -0.02	37.52 0.88 -0.03	32.13 0.68 -0.57	27.49 0.60 -0.70	23.72 0.30 -0.15	23.97 0.14 0.00	23.47 0.02 0.00
MILLIKEN___2 23585	24.55 0.15 0.00	23.98 0.19 0.00	23.16 0.21 0.00	23.99 0.21 0.00	25.56 0.28 0.00	28.14 0.44 0.00	35.92 0.77 0.00	34.95 0.97 -1.56	30.51 0.84 -0.55	27.31 0.66 -0.16	26.31 0.69 0.00	23.06 0.52 0.00	21.17 0.39 0.00	20.57 0.26 0.00	20.49 0.22 0.00	21.20 0.37 0.00	24.28 0.55 0.00	33.26 0.84 -0.02	37.52 0.88 -0.03	32.13 0.68 -0.57	27.49 0.60 -0.70	23.72 0.30 -0.15	23.97 0.14 0.00	23.47 0.02 0.00
MILLIKEN___DIESEL 23629	24.55 0.15 0.00	23.98 0.19 0.00	23.16 0.21 0.00	23.99 0.21 0.00	25.56 0.28 0.00	28.14 0.44 0.00	35.92 0.77 0.00	34.95 0.97 -1.56	30.51 0.84 -0.55	27.31 0.66 -0.16	26.31 0.69 0.00	23.06 0.52 0.00	21.17 0.39 0.00	20.57 0.26 0.00	20.49 0.22 0.00	21.20 0.37 0.00	24.28 0.55 0.00	33.26 0.84 -0.02	37.52 0.88 -0.03	32.13 0.68 -0.57	27.49 0.60 -0.70	23.72 0.30 -0.15	23.97 0.14 0.00	23.47 0.02 0.00
MILLSEAT___LFGE 323607	22.55 -1.86 0.00	22.15 -1.64 0.00	21.44 -1.52 0.00	22.18 -1.59 0.00	23.44 -1.84 0.00	25.98 -1.72 0.00	32.72 -2.42 0.00	31.81 -1.69 -1.08	27.92 -1.57 -0.38	25.19 -1.40 -0.11	24.28 -1.33 0.00	21.62 -0.93 0.00	19.84 -0.93 0.00	19.17 -1.14 0.00	18.99 -1.28 0.00	19.70 -1.12 0.00	22.26 -1.47 0.00	30.16 -2.24 0.01	33.69 -2.93 0.00	28.99 -2.29 -0.39	24.63 -2.04 -0.48	21.58 -1.79 -0.11	21.73 -2.10 0.00	21.19 -2.25 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	25.84 1.44 0.00	25.14 1.36 0.00	24.24 1.29 0.00	25.01 1.24 0.00	26.65 1.37 0.00	29.19 1.50 0.00	37.67 2.53 0.00	41.94 2.59 -6.92	34.03 2.45 -2.47	29.49 2.28 -0.73	27.74 2.13 0.00	24.41 1.87 0.00	22.42 1.64 0.00	21.77 1.46 0.00	21.68 1.42 0.00	22.42 1.60 0.00	25.61 1.87 0.00	35.06 2.66 0.00	39.59 2.89 -0.08	35.94 2.53 -2.52	31.44 2.15 -3.10	25.83 1.88 -0.68	25.56 1.74 0.00	24.80 1.36 0.00
MILLWOOD_13_KV_LOAD 356217	25.89 1.49 0.00	25.19 1.40 0.00	24.29 1.33 0.00	25.06 1.28 0.00	26.70 1.42 0.00	29.24 1.55 0.00	37.74 2.60 0.00	42.04 2.69 -6.92	34.11 2.53 -2.47	29.54 2.33 -0.73	27.79 2.18 0.00	24.46 1.92 0.00	22.46 1.68 0.00	21.81 1.50 0.00	21.70 1.44 0.00	22.47 1.64 0.00	25.63 1.90 0.00	35.13 2.72 0.00	39.66 2.97 -0.08	36.00 2.59 -2.52	31.52 2.23 -3.10	25.85 1.91 -0.68	25.59 1.76 0.00	24.83 1.38 0.00
MODEL_CITY_ENERGY 24167	21.96 -2.44 0.00	21.60 -2.19 0.00	20.91 -2.04 0.00	21.59 -2.19 0.00	22.81 -2.48 0.00	25.17 -2.52 0.00	31.56 -3.58 0.00	30.72 -2.82 -1.11	26.98 -2.53 -0.40	24.32 -2.28 -0.12	23.49 -2.13 0.00	20.99 -1.56 0.00	19.28 -1.50 0.00	18.62 -1.69 0.00	18.42 -1.84 0.00	19.11 -1.71 0.00	21.52 -2.21 0.00	29.02 -3.37 0.01	32.30 -4.32 -0.01	27.90 -3.40 -0.41	23.78 -2.91 -0.50	20.86 -2.51 -0.11	21.04 -2.79 0.00	20.56 -2.88 0.00
MODERN_LFGE___ 323580	21.96 -2.44 0.00	21.60 -2.19 0.00	20.91 -2.04 0.00	21.59 -2.19 0.00	22.81 -2.48 0.00	25.17 -2.52 0.00	31.56 -3.58 0.00	30.72 -2.82 -1.11	26.98 -2.53 -0.40	24.32 -2.28 -0.12	23.49 -2.13 0.00	20.99 -1.56 0.00	19.28 -1.50 0.00	18.62 -1.69 0.00	18.42 -1.84 0.00	19.11 -1.71 0.00	21.52 -2.21 0.00	29.02 -3.37 0.01	32.30 -4.32 -0.01	27.90 -3.40 -0.41	23.78 -2.91 -0.50	20.86 -2.51 -0.11	21.04 -2.79 0.00	20.56 -2.88 0.00
MOHAWK_PAPER___DRP 24187	25.38 0.98 0.00	24.71 0.93 0.00	23.87 0.92 0.00	24.70 0.93 0.00	26.25 0.96 0.00	28.77 1.08 0.00	36.83 1.69 0.00	42.73 1.62 -8.68	33.67 1.46 -3.10	28.72 1.32 -0.91	26.92 1.31 0.00	23.71 1.17 0.00	21.80 1.02 0.00	21.24 0.93 0.00	21.16 0.89 0.00	21.86 1.04 0.00	24.92 1.19 0.00	34.09 1.69 0.00	38.58 1.87 -0.10	35.56 1.51 -3.16	31.39 1.31 -3.89	25.25 1.14 -0.85	24.92 1.10 0.00	24.43 0.98 0.00
MOHICAN___35_KV_115KV_LD 80490	25.82 1.42 0.00	25.09 1.31 0.00	24.17 1.22 0.00	25.13 1.36 0.00	26.78 1.49 0.00	29.38 1.69 0.00	37.67 2.53 0.00	43.68 2.37 -8.89	34.23 1.95 -3.17	29.08 1.67 -0.93	27.31 1.69 0.00	23.87 1.33 0.00	21.84 1.06 0.00	21.28 0.97 0.00	21.18 0.91 0.00	21.92 1.10 0.00	25.15 1.42 0.00	34.67 2.27 0.00	39.43 2.71 -0.11	36.22 2.10 -3.23	31.95 1.78 -3.98	25.53 1.40 -0.87	25.18 1.36 0.00	24.50 1.05 0.00
MONGAUP___HYD 23641	25.82 1.41 0.00	25.09 1.31 0.00	24.22 1.26 0.00	25.04 1.26 0.00	26.65 1.36 0.00	29.24 1.55 0.00	37.67 2.53 0.00	41.35 2.50 -6.43	33.53 2.12 -2.29	29.04 1.88 -0.67	27.33 1.72 0.00	24.01 1.46 0.00	22.00 1.23 0.00	21.38 1.08 0.00	21.32 1.05 0.00	22.07 1.25 0.00	25.32 1.59 0.00	34.77 2.36 0.00	39.44 2.75 -0.08	35.51 2.29 -2.34	30.90 1.83 -2.88	25.50 1.60 -0.63	25.28 1.45 0.00	24.62 1.17 0.00
MONTAUK___DIESEL 23721	30.07 2.64 -3.03	28.31 2.57 -1.96	25.39 2.43 0.00	26.20 2.43 0.00	28.22 2.60 -0.33	32.10 2.85 -1.55	41.39 4.36 -1.89	43.86 4.34 -7.09	41.27 3.99 -8.17	35.40 3.55 -5.37	31.76 3.38 -2.76	28.95 2.95 -3.45	27.73 2.58 -4.37	27.27 2.40 -4.57	29.06 2.41 -6.39	33.40 2.73 -9.86	35.59 3.27 -8.59	50.82 4.63 -13.78	57.14 5.13 -15.40	51.69 4.48 -16.33	46.33 3.80 -16.34	37.27 3.37 -10.63	32.71 3.26 -5.62	29.56 2.88 -3.23
MOONROAD_115KV_HARTFLD_TB1-2 355988	22.48 -1.93 0.00	22.17 -1.62 0.00	21.58 -1.38 0.00	22.42 -1.36 0.00	23.92 -1.37 0.00	26.72 -0.97 0.00	34.05 -1.09 0.00	32.43 -1.23 -1.24	28.48 -1.08 -0.44	25.74 -0.87 -0.13	25.44 -0.18 0.00	22.70 0.16 0.00	20.86 0.08 0.00	20.08 -0.22 0.00	19.82 -0.45 0.00	20.55 -0.27 0.00	23.26 -0.47 0.00	31.30 -1.10 0.01	34.13 -2.49 -0.01	28.99 -2.35 -0.45	24.94 -1.81 -0.56	21.18 -2.21 -0.12	21.75 -2.07 0.00	21.22 -2.23 0.00
MORTIMER_115KV_TB3 55949	22.94 -1.46 0.00	22.45 -1.33 0.00	21.72 -1.24 0.00	22.49 -1.28 0.00	23.84 -1.44 0.00	26.34 -1.36 0.00	33.32 -1.83 0.00	32.48 -0.91 -0.97	28.61 -0.84 -0.35	25.82 -0.77 -0.10	24.67 -0.95 0.00	21.84 -0.70 0.00	20.05 -0.73 0.00	19.45 -0.85 0.00	19.33 -0.93 0.00	19.97 -0.85 0.00	22.66 -1.07 0.00	30.83 -1.56 0.02	34.75 -1.87 0.00	29.91 -1.33 -0.35	25.71 -0.92 -0.43	22.27 -1.09 -0.09	22.32 -1.50 0.00	21.76 -1.69 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	25.99 1.59 0.00	25.28 1.50 0.00	24.36 1.40 0.00	25.13 1.36 0.00	26.78 1.49 0.00	29.33 1.63 0.00	37.92 2.78 0.00	42.27 2.85 -7.00	34.36 2.74 -2.51	30.45 2.54 -1.42	28.01 2.38 -0.02	26.25 2.12 -1.59	26.42 1.87 -3.78	26.11 1.69 -4.12	25.32 1.64 -3.42	26.43 1.83 -3.78	28.45 2.11 -2.61	35.37 2.95 -0.02	39.97 3.26 -0.10	36.29 2.84 -2.56	31.75 2.41 -3.15	26.08 2.09 -0.72	25.82 1.98 -0.02	24.97 1.52 0.00



MUNSVILLE_WIND_PWR 323609	25.89 1.49 0.00	25.31 1.52 0.00	24.49 1.54 0.00	25.40 1.62 0.00	27.16 1.87 0.00	30.19 2.49 0.00	38.66 3.51 0.00	38.26 3.50 -2.34	33.06 3.12 -0.83	29.27 2.54 -0.25	28.23 2.61 0.00	24.53 1.98 0.00	22.40 1.62 0.00	21.70 1.40 0.00	21.68 1.42 0.00	22.53 1.71 0.00	26.13 2.40 0.00	36.11 3.69 -0.01	40.93 4.28 -0.04	34.95 3.21 -0.85	29.70 2.46 -1.05	25.42 1.93 -0.23	25.47 1.64 0.00	24.78 1.34 0.00
N SALMON___HYD 24042	24.09 -0.32 0.00	23.62 -0.17 0.00	22.73 -0.23 0.00	23.71 -0.07 0.00	25.21 -0.08 0.00	27.67 -0.03 0.00	34.65 -0.49 0.00	31.74 -0.68 0.00	28.56 -0.55 0.00	25.95 -0.53 0.00	25.05 -0.56 0.00	21.98 -0.56 0.00	20.30 -0.48 0.00	19.94 -0.36 0.00	20.06 -0.20 0.00	20.55 -0.27 0.00	23.90 0.17 0.00	32.92 0.52 0.00	37.38 0.77 0.00	31.47 0.59 0.00	26.64 0.44 0.00	23.52 0.26 0.00	24.23 0.40 0.00	23.96 0.52 0.00
N.AKRON___115KV_KNAPP 355671	22.55 -1.85 0.00	22.14 -1.64 0.00	21.44 -1.52 0.00	22.18 -1.59 0.00	23.44 -1.85 0.00	25.98 -1.72 0.00	32.68 -2.46 0.00	31.81 -1.69 -1.07	27.92 -1.57 -0.38	25.19 -1.40 -0.11	24.28 -1.33 0.00	21.62 -0.92 0.00	19.84 -0.93 0.00	19.17 -1.14 0.00	18.99 -1.28 0.00	19.70 -1.12 0.00	22.26 -1.47 0.00	30.15 -2.24 0.01	33.54 -3.08 0.00	28.96 -2.32 -0.39	25.07 -1.60 -0.48	21.56 -1.81 -0.10	21.75 -2.07 0.00	21.19 -2.25 0.00
N.BELMOR_69_KV_BK1 55787	29.49 2.05 -3.03	27.69 1.95 -1.96	24.77 1.81 0.00	25.58 1.81 0.00	27.59 1.97 -0.33	31.41 2.16 -1.55	40.40 3.37 -1.89	42.76 3.34 -6.99	40.45 3.17 -8.17	34.79 2.94 -5.37	31.15 2.77 -2.76	28.47 2.48 -3.45	27.33 2.18 -4.37	26.89 2.01 -4.57	28.62 1.97 -6.39	32.82 2.14 -9.86	34.81 2.49 -8.59	41.16 3.50 -5.26	48.46 3.84 -8.01	41.32 3.34 -7.10	37.65 2.85 -8.60	36.25 2.47 -10.52	31.80 2.36 -5.62	28.60 1.92 -3.23
N.E_GEN_SANDY PD 24062	27.60 1.29 -1.90	26.83 1.19 -1.86	25.79 1.15 -1.69	25.60 1.14 -0.68	26.50 1.21 0.00	29.59 1.36 -0.54	37.87 2.14 -0.58	42.43 2.08 -7.93	36.50 1.98 -5.41	30.90 1.83 -2.59	27.84 1.74 -0.48	24.93 1.55 -0.84	23.30 1.37 -1.15	22.52 1.24 -0.98	22.78 1.20 -1.32	24.62 1.35 -2.45	27.01 1.54 -1.74	36.00 2.17 -1.42	39.05 2.35 -0.09	34.98 2.01 -2.09	33.10 1.70 -5.21	30.00 1.54 -5.20	27.08 1.43 -1.83	26.00 1.20 -1.36
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	25.80 1.39 0.00	25.09 1.31 0.00	24.19 1.24 0.00	24.97 1.19 0.00	26.60 1.31 0.00	29.13 1.44 0.00	37.60 2.46 0.00	41.71 2.53 -6.76	33.88 2.36 -2.41	29.39 2.20 -0.71	27.64 2.02 0.00	24.34 1.80 0.00	22.36 1.58 0.00	21.70 1.40 0.00	21.60 1.34 0.00	22.34 1.52 0.00	25.53 1.80 0.00	34.96 2.56 0.00	39.51 2.82 -0.08	35.79 2.44 -2.46	31.29 2.07 -3.03	25.74 1.81 -0.66	25.49 1.67 0.00	24.73 1.29 0.00
N.QUEENS_27_KV_LOAD 356247	26.11 1.71 0.00	25.36 1.57 0.00	24.38 1.42 0.00	25.11 1.33 0.00	26.80 1.52 0.00	29.16 1.47 0.00	37.74 2.60 0.00	42.18 2.76 -7.00	34.42 2.79 -2.51	30.56 2.67 -1.41	28.14 2.51 -0.02	26.33 2.23 -1.56	26.50 1.99 -3.73	26.18 1.81 -4.07	25.38 1.74 -3.38	26.51 1.96 -3.73	28.58 2.28 -2.57	35.43 3.01 -0.02	40.01 3.30 -0.10	36.39 2.93 -2.56	31.78 2.44 -3.15	26.25 2.28 -0.71	25.94 2.10 -0.02	25.02 1.57 0.00
N.TROY___115KV_TB1 355778	25.50 1.10 0.00	24.83 1.05 0.00	23.94 0.99 0.00	24.80 1.02 0.00	26.37 1.09 0.00	28.91 1.22 0.00	37.01 1.86 0.00	42.94 1.78 -8.74	33.86 1.63 -3.12	28.88 1.48 -0.92	27.05 1.43 0.00	23.78 1.24 0.00	21.86 1.08 0.00	21.28 0.97 0.00	21.20 0.93 0.00	21.90 1.08 0.00	24.99 1.26 0.00	34.22 1.81 0.00	38.73 2.01 -0.10	35.77 1.70 -3.18	31.57 1.47 -3.91	25.35 1.23 -0.85	24.99 1.17 0.00	24.45 1.01 0.00
NARROWS_GT1_1 24228	26.34 1.93 -0.01	25.50 1.71 0.00	24.52 1.56 0.00	25.28 1.50 0.00	26.95 1.67 0.00	29.38 1.69 0.00	38.09 2.95 0.00	42.50 3.08 -7.00	34.60 2.97 -2.51	30.63 2.73 -1.42	28.19 2.56 -0.02	26.37 2.25 -1.57	26.55 2.04 -3.74	26.23 1.85 -4.08	25.43 1.78 -3.38	26.58 2.02 -3.74	28.66 2.35 -2.58	35.66 3.24 -0.02	131.05 3.63 -90.81	36.57 3.12 -2.56	31.91 2.57 -3.15	26.33 2.35 -0.72	26.05 2.22 -0.02	25.15 1.71 0.00
NARROWS_GT1_2 24229	26.34 1.93 -0.01	25.50 1.71 0.00	24.52 1.56 0.00	25.28 1.50 0.00	26.95 1.67 0.00	29.38 1.69 0.00	38.09 2.95 0.00	42.50 3.08 -7.00	34.60 2.97 -2.51	30.63 2.73 -1.42	28.19 2.56 -0.02	26.37 2.25 -1.57	26.55 2.04 -3.74	26.23 1.85 -4.08	25.43 1.78 -3.38	26.58 2.02 -3.74	28.66 2.35 -2.58	35.66 3.24 -0.02	131.05 3.63 -90.81	36.57 3.12 -2.56	31.91 2.57 -3.15	26.33 2.35 -0.72	26.05 2.22 -0.02	25.15 1.71 0.00
NARROWS_GT1_3 24230	26.34 1.93 -0.01	25.50 1.71 0.00	24.52 1.56 0.00	25.28 1.50 0.00	26.95 1.67 0.00	29.38 1.69 0.00	38.09 2.95 0.00	42.50 3.08 -7.00	34.60 2.97 -2.51	30.63 2.73 -1.42	28.19 2.56 -0.02	26.37 2.25 -1.57	26.55 2.04 -3.74	26.23 1.85 -4.08	25.43 1.78 -3.38	26.58 2.02 -3.74	28.66 2.35 -2.58	35.66 3.24 -0.02	131.05 3.63 -90.81	36.57 3.12 -2.56	31.91 2.57 -3.15	26.33 2.35 -0.72	26.05 2.22 -0.02	25.15 1.71 0.00
NARROWS_GT1_4 24231	26.34 1.93 -0.01	25.50 1.71 0.00	24.52 1.56 0.00	25.28 1.50 0.00	26.95 1.67 0.00	29.38 1.69 0.00	38.09 2.95 0.00	42.50 3.08 -7.00	34.60 2.97 -2.51	30.63 2.73 -1.42	28.19 2.56 -0.02	26.37 2.25 -1.57	26.55 2.04 -3.74	26.23 1.85 -4.08	25.43 1.78 -3.38	26.58 2.02 -3.74	28.66 2.35 -2.58	35.66 3.24 -0.02	131.05 3.63 -90.81	36.57 3.12 -2.56	31.91 2.57 -3.15	26.33 2.35 -0.72	26.05 2.22 -0.02	25.15 1.71 0.00
NARROWS_GT1_5 24232	26.34 1.93 -0.01	25.50 1.71 0.00	24.52 1.56 0.00	25.28 1.50 0.00	26.95 1.67 0.00	29.38 1.69 0.00	38.09 2.95 0.00	42.50 3.08 -7.00	34.60 2.97 -2.51	30.63 2.73 -1.42	28.19 2.56 -0.02	26.37 2.25 -1.57	26.55 2.04 -3.74	26.23 1.85 -4.08	25.43 1.78 -3.38	26.58 2.02 -3.74	28.66 2.35 -2.58	35.66 3.24 -0.02	131.05 3.63 -90.81	36.57 3.12 -2.56	31.91 2.57 -3.15	26.33 2.35 -0.72	26.05 2.22 -0.02	25.15 1.71 0.00
NARROWS_GT1_6 24233	26.34 1.93 -0.01	25.50 1.71 0.00	24.52 1.56 0.00	25.28 1.50 0.00	26.95 1.67 0.00	29.38 1.69 0.00	38.09 2.95 0.00	42.50 3.08 -7.00	34.60 2.97 -2.51	30.63 2.73 -1.42	28.19 2.56 -0.02	26.37 2.25 -1.57	26.55 2.04 -3.74	26.23 1.85 -4.08	25.43 1.78 -3.38	26.58 2.02 -3.74	28.66 2.35 -2.58	35.66 3.24 -0.02	131.05 3.63 -90.81	36.57 3.12 -2.56	31.91 2.57 -3.15	26.33 2.35 -0.72	26.05 2.22 -0.02	25.15 1.71 0.00
NARROWS_GT1_7 24234	26.34 1.93 -0.01	25.50 1.71 0.00	24.52 1.56 0.00	25.28 1.50 0.00	26.95 1.67 0.00	29.38 1.69 0.00	38.09 2.95 0.00	42.50 3.08 -7.00	34.60 2.97 -2.51	30.63 2.73 -1.42	28.19 2.56 -0.02	26.37 2.25 -1.57	26.55 2.04 -3.74	26.23 1.85 -4.08	25.43 1.78 -3.38	26.58 2.02 -3.74	28.66 2.35 -2.58	35.66 3.24 -0.02	131.05 3.63 -90.81	36.57 3.12 -2.56	31.91 2.57 -3.15	26.33 2.35 -0.72	26.05 2.22 -0.02	25.15 1.71 0.00



NARROWS_GT1_8 24235	26.34 1.93 -0.01	25.50 1.71 0.00	24.52 1.56 0.00	25.28 1.50 0.00	26.95 1.67 0.00	29.38 1.69 0.00	38.09 2.95 0.00	42.50 3.08 -7.00	34.60 2.97 -2.51	30.63 2.73 -1.42	28.19 2.56 -0.02	26.37 2.25 -1.57	26.55 2.04 -3.74	26.23 1.85 -4.08	25.43 1.78 -3.38	26.58 2.02 -3.74	28.66 2.35 -2.58	35.66 3.24 -0.02	131.05 3.63 -90.81	36.57 3.12 -2.56	31.91 2.57 -3.15	26.33 2.35 -0.72	26.05 2.22 -0.02	25.15 1.71 0.00
NARROWS_GT2_1 24236	26.34 1.93 -0.01	25.50 1.71 0.00	24.52 1.56 0.00	25.28 1.50 0.00	26.95 1.67 0.00	29.38 1.69 0.00	38.09 2.95 0.00	42.50 3.08 -7.00	34.60 2.97 -2.51	30.63 2.73 -1.42	28.19 2.56 -0.02	26.37 2.25 -1.57	26.55 2.04 -3.74	26.23 1.85 -4.08	25.43 1.78 -3.38	26.58 2.02 -3.74	28.66 2.35 -2.58	35.66 3.24 -0.02	131.05 3.63 -90.81	36.57 3.12 -2.56	31.91 2.57 -3.15	26.33 2.35 -0.72	26.05 2.22 -0.02	25.15 1.71 0.00
NARROWS_GT2_2 24237	26.34 1.93 -0.01	25.50 1.71 0.00	24.52 1.56 0.00	25.28 1.50 0.00	26.95 1.67 0.00	29.38 1.69 0.00	38.09 2.95 0.00	42.50 3.08 -7.00	34.60 2.97 -2.51	30.63 2.73 -1.42	28.19 2.56 -0.02	26.37 2.25 -1.57	26.55 2.04 -3.74	26.23 1.85 -4.08	25.43 1.78 -3.38	26.58 2.02 -3.74	28.66 2.35 -2.58	35.66 3.24 -0.02	131.05 3.63 -90.81	36.57 3.12 -2.56	31.91 2.57 -3.15	26.33 2.35 -0.72	26.05 2.22 -0.02	25.15 1.71 0.00
NARROWS_GT2_3 24238	26.34 1.93 -0.01	25.50 1.71 0.00	24.52 1.56 0.00	25.28 1.50 0.00	26.95 1.67 0.00	29.38 1.69 0.00	38.09 2.95 0.00	42.50 3.08 -7.00	34.60 2.97 -2.51	30.63 2.73 -1.42	28.19 2.56 -0.02	26.37 2.25 -1.57	26.55 2.04 -3.74	26.23 1.85 -4.08	25.43 1.78 -3.38	26.58 2.02 -3.74	28.66 2.35 -2.58	35.66 3.24 -0.02	131.05 3.63 -90.81	36.57 3.12 -2.56	31.91 2.57 -3.15	26.33 2.35 -0.72	26.05 2.22 -0.02	25.15 1.71 0.00
NARROWS_GT2_4 24239	26.34 1.93 -0.01	25.50 1.71 0.00	24.52 1.56 0.00	25.28 1.50 0.00	26.95 1.67 0.00	29.38 1.69 0.00	38.09 2.95 0.00	42.50 3.08 -7.00	34.60 2.97 -2.51	30.63 2.73 -1.42	28.19 2.56 -0.02	26.37 2.25 -1.57	26.55 2.04 -3.74	26.23 1.85 -4.08	25.43 1.78 -3.38	26.58 2.02 -3.74	28.66 2.35 -2.58	35.66 3.24 -0.02	131.05 3.63 -90.81	36.57 3.12 -2.56	31.91 2.57 -3.15	26.33 2.35 -0.72	26.05 2.22 -0.02	25.15 1.71 0.00
NARROWS_GT2_5 24240	26.34 1.93 -0.01	25.50 1.71 0.00	24.52 1.56 0.00	25.28 1.50 0.00	26.95 1.67 0.00	29.38 1.69 0.00	38.09 2.95 0.00	42.50 3.08 -7.00	34.60 2.97 -2.51	30.63 2.73 -1.42	28.19 2.56 -0.02	26.37 2.25 -1.57	26.55 2.04 -3.74	26.23 1.85 -4.08	25.43 1.78 -3.38	26.58 2.02 -3.74	28.66 2.35 -2.58	35.66 3.24 -0.02	131.05 3.63 -90.81	36.57 3.12 -2.56	31.91 2.57 -3.15	26.33 2.35 -0.72	26.05 2.22 -0.02	25.15 1.71 0.00
NARROWS_GT2_6 24241	26.34 1.93 -0.01	25.50 1.71 0.00	24.52 1.56 0.00	25.28 1.50 0.00	26.95 1.67 0.00	29.38 1.69 0.00	38.09 2.95 0.00	42.50 3.08 -7.00	34.60 2.97 -2.51	30.63 2.73 -1.42	28.19 2.56 -0.02	26.37 2.25 -1.57	26.55 2.04 -3.74	26.23 1.85 -4.08	25.43 1.78 -3.38	26.58 2.02 -3.74	28.66 2.35 -2.58	35.66 3.24 -0.02	131.05 3.63 -90.81	36.57 3.12 -2.56	31.91 2.57 -3.15	26.33 2.35 -0.72	26.05 2.22 -0.02	25.15 1.71 0.00
NARROWS_GT2_7 24242	26.34 1.93 -0.01	25.50 1.71 0.00	24.52 1.56 0.00	25.28 1.50 0.00	26.95 1.67 0.00	29.38 1.69 0.00	38.09 2.95 0.00	42.50 3.08 -7.00	34.60 2.97 -2.51	30.63 2.73 -1.42	28.19 2.56 -0.02	26.37 2.25 -1.57	26.55 2.04 -3.74	26.23 1.85 -4.08	25.43 1.78 -3.38	26.58 2.02 -3.74	28.66 2.35 -2.58	35.66 3.24 -0.02	131.05 3.63 -90.81	36.57 3.12 -2.56	31.91 2.57 -3.15	26.33 2.35 -0.72	26.05 2.22 -0.02	25.15 1.71 0.00
NARROWS_GT2_8 24243	26.34 1.93 -0.01	25.50 1.71 0.00	24.52 1.56 0.00	25.28 1.50 0.00	26.95 1.67 0.00	29.38 1.69 0.00	38.09 2.95 0.00	42.50 3.08 -7.00	34.60 2.97 -2.51	30.63 2.73 -1.42	28.19 2.56 -0.02	26.37 2.25 -1.57	26.55 2.04 -3.74	26.23 1.85 -4.08	25.43 1.78 -3.38	26.58 2.02 -3.74	28.66 2.35 -2.58	35.66 3.24 -0.02	131.05 3.63 -90.81	36.57 3.12 -2.56	31.91 2.57 -3.15	26.33 2.35 -0.72	26.05 2.22 -0.02	25.15 1.71 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	25.80 1.39 0.00	25.12 1.33 0.00	24.29 1.33 0.00	25.16 1.38 0.00	26.75 1.47 0.00	29.38 1.69 0.00	37.60 2.46 0.00	42.61 2.01 -8.17	33.57 1.54 -2.92	28.56 1.22 -0.86	27.02 1.41 0.00	23.71 1.17 0.00	21.75 0.98 0.00	21.20 0.89 0.00	21.14 0.87 0.00	21.88 1.06 0.00	25.08 1.35 0.00	34.48 2.07 0.00	39.16 2.45 -0.10	35.50 1.64 -2.97	31.16 1.31 -3.66	25.16 1.09 -0.80	25.09 1.26 0.00	24.69 1.24 0.00
NCHELSEA_115KV_TR2 355582	25.94 1.54 0.00	25.24 1.45 0.00	24.33 1.38 0.00	25.16 1.38 0.00	26.78 1.49 0.00	29.35 1.66 0.00	37.81 2.67 0.00	42.19 2.69 -7.07	34.08 2.45 -2.52	29.42 2.20 -0.74	27.69 2.07 0.00	24.32 1.78 0.00	22.29 1.52 0.00	21.66 1.36 0.00	21.58 1.32 0.00	22.32 1.50 0.00	25.56 1.83 0.00	35.03 2.62 0.00	39.63 2.93 -0.08	35.96 2.50 -2.57	31.45 2.10 -3.17	25.77 1.81 -0.69	25.51 1.69 0.00	24.80 1.36 0.00
NEG CAPITAL___MECHNVIL 23645	25.75 1.34 0.00	25.00 1.21 0.00	24.13 1.17 0.00	25.01 1.24 0.00	26.63 1.34 0.00	29.22 1.52 0.00	37.39 2.25 0.00	43.41 2.14 -8.85	34.10 1.84 -3.16	29.03 1.62 -0.93	27.20 1.59 0.00	23.87 1.33 0.00	21.88 1.10 0.00	21.32 1.01 0.00	21.24 0.97 0.00	21.97 1.14 0.00	25.11 1.38 0.00	34.51 2.11 0.00	39.13 2.42 -0.11	36.06 1.95 -3.22	31.78 1.62 -3.96	25.50 1.37 -0.86	25.13 1.31 0.00	24.50 1.06 0.00
NEG CENTRAL_HIGH_ACRES 23767	22.72 -1.68 0.00	22.22 -1.57 0.00	21.46 -1.49 0.00	22.26 -1.52 0.00	23.62 -1.67 0.00	26.06 -1.63 0.00	33.03 -2.11 0.00	32.15 -1.23 -0.96	28.32 -1.14 -0.34	25.52 -1.06 -0.10	24.44 -1.18 0.00	21.57 -0.97 0.00	19.80 -0.98 0.00	19.21 -1.10 0.00	19.11 -1.15 0.00	19.74 -1.08 0.00	22.45 -1.28 0.00	30.60 -1.78 0.02	34.59 -2.01 0.00	29.66 -1.57 -0.35	25.18 -1.44 -0.43	21.99 -1.37 -0.09	22.11 -1.72 0.00	21.59 -1.85 0.00
NEG CENTRAL___DRP 24199	24.01 -0.39 0.00	23.43 -0.36 0.00	22.63 -0.32 0.00	23.47 -0.31 0.00	25.01 -0.28 0.00	27.55 -0.14 0.00	35.07 -0.07 0.00	33.81 0.32 -1.06	29.78 0.29 -0.38	26.78 0.19 -0.11	25.85 0.23 0.00	22.70 0.16 0.00	20.86 0.08 0.00	20.22 -0.08 0.00	20.14 -0.12 0.00	20.82 0.00 0.00	23.80 0.07 0.00	32.60 0.10 -0.10	36.68 0.00 -0.07	31.21 -0.06 -0.39	26.72 0.05 -0.47	23.16 -0.21 -0.10	23.44 -0.38 0.00	22.91 -0.54 0.00
NEG CENTRAL___INDECK 23768	24.33 -0.07 0.00	23.76 -0.02 0.00	22.98 0.02 0.00	23.87 0.10 0.00	25.39 0.10 0.00	28.16 0.47 0.00	35.95 0.81 0.00	35.18 1.30 -1.45	30.59 0.96 -0.52	27.32 0.69 -0.15	26.33 0.72 0.00	23.20 0.65 0.00	21.27 0.50 0.00	20.57 0.26 0.00	20.51 0.24 0.00	21.26 0.44 0.00	24.37 0.64 0.00	33.45 1.04 -0.01	37.62 0.99 -0.02	32.16 0.74 -0.53	27.24 0.39 -0.65	23.59 0.19 -0.14	23.70 -0.12 0.00	23.09 -0.35 0.00



NEG CENTRAL___SENECA 23627	24.11 -0.29 0.00	23.57 -0.21 0.00	22.77 -0.18 0.00	23.61 -0.17 0.00	25.16 -0.13 0.00	27.78 0.08 0.00	35.32 0.18 0.00	34.17 0.58 -1.16	30.08 0.55 -0.42	27.00 0.40 -0.12	26.08 0.46 0.00	22.92 0.38 0.00	21.03 0.25 0.00	20.36 0.06 0.00	20.28 0.02 0.00	20.99 0.17 0.00	24.02 0.28 0.00	32.92 0.36 -0.16	36.94 0.22 -0.11	31.43 0.12 -0.42	26.97 0.26 -0.52	23.31 -0.07 -0.11	23.54 -0.29 0.00	23.02 -0.42 0.00
NEG CENTRAL___STATE_STREET 24147	24.04 -0.37 0.00	23.45 -0.33 0.00	22.63 -0.32 0.00	23.47 -0.31 0.00	24.98 -0.30 0.00	27.53 -0.17 0.00	35.07 -0.07 0.00	33.74 0.29 -1.03	29.74 0.26 -0.37	26.78 0.19 -0.11	25.79 0.18 0.00	22.65 0.11 0.00	20.82 0.04 0.00	20.22 -0.08 0.00	20.14 -0.12 0.00	20.80 -0.02 0.00	23.78 0.05 0.00	32.53 0.10 -0.03	36.71 0.07 -0.03	31.29 0.03 -0.37	26.73 0.08 -0.46	23.23 -0.14 -0.10	23.49 -0.33 0.00	22.98 -0.47 0.00
NEG MILLWOOD___DRP 24198	26.04 1.64 0.00	25.33 1.55 0.00	24.42 1.47 0.00	25.25 1.47 0.00	26.88 1.59 0.00	29.44 1.74 0.00	37.99 2.85 0.00	42.50 2.95 -7.13	34.33 2.68 -2.54	29.64 2.41 -0.75	27.89 2.28 0.00	24.48 1.94 0.00	22.44 1.66 0.00	21.79 1.48 0.00	21.70 1.44 0.00	22.47 1.64 0.00	25.68 1.95 0.00	35.26 2.85 0.00	39.85 3.15 -0.09	36.17 2.69 -2.60	31.71 2.33 -3.19	25.92 1.95 -0.70	25.63 1.81 0.00	24.90 1.45 0.00
NEG NORTH_FLCN_SEA 23793	24.26 -0.15 0.00	23.67 -0.12 0.00	22.79 -0.16 0.00	23.78 0.00 0.00	25.31 0.03 0.00	27.78 0.08 0.00	34.86 -0.28 0.00	31.97 -0.45 0.00	28.73 -0.38 0.00	26.11 -0.37 0.00	25.15 -0.46 0.00	22.02 -0.52 0.00	20.34 -0.44 0.00	20.00 -0.30 0.00	20.12 -0.14 0.00	20.68 -0.15 0.00	24.11 0.38 0.00	33.31 0.91 0.00	37.86 1.24 0.00	31.88 0.99 0.00	26.93 0.73 0.00	23.82 0.56 0.00	24.47 0.64 0.00	24.12 0.68 0.00
NEG NORTH_KES_CHATEGAY 23792	24.04 -0.37 0.00	23.45 -0.33 0.00	22.59 -0.37 0.00	23.52 -0.26 0.00	25.03 -0.25 0.00	27.44 -0.25 0.00	34.44 -0.70 0.00	31.52 -0.91 0.00	28.30 -0.82 0.00	25.74 -0.74 0.00	24.77 -0.85 0.00	21.73 -0.81 0.00	20.09 -0.69 0.00	19.78 -0.53 0.00	19.90 -0.36 0.00	20.45 -0.37 0.00	23.78 0.05 0.00	32.83 0.42 0.00	37.31 0.70 0.00	31.41 0.53 0.00	26.53 0.34 0.00	23.52 0.26 0.00	24.16 0.33 0.00	23.87 0.42 0.00
NEG NORTH___ALICE_FALLS 23915	24.28 -0.12 0.00	23.71 -0.07 0.00	22.82 -0.14 0.00	23.80 0.02 0.00	25.34 0.05 0.00	27.86 0.17 0.00	34.97 -0.18 0.00	32.07 -0.36 0.00	28.82 -0.29 0.00	26.19 -0.29 0.00	25.21 -0.41 0.00	22.09 -0.45 0.00	20.38 -0.39 0.00	20.04 -0.26 0.00	20.16 -0.10 0.00	20.72 -0.10 0.00	24.21 0.47 0.00	33.44 1.04 0.00	38.00 1.39 0.00	31.97 1.08 0.00	27.00 0.81 0.00	23.87 0.60 0.00	24.49 0.67 0.00	24.15 0.70 0.00
NEG NORTH___LWR_SARANAC 23913	24.28 -0.12 0.00	23.71 -0.07 0.00	22.82 -0.14 0.00	23.80 0.02 0.00	25.34 0.05 0.00	27.86 0.17 0.00	34.97 -0.18 0.00	32.07 -0.36 0.00	28.82 -0.29 0.00	26.19 -0.29 0.00	25.21 -0.41 0.00	22.09 -0.45 0.00	20.38 -0.39 0.00	20.04 -0.26 0.00	20.16 -0.10 0.00	20.72 -0.10 0.00	24.21 0.47 0.00	33.44 1.04 0.00	38.00 1.39 0.00	31.97 1.08 0.00	27.00 0.81 0.00	23.87 0.60 0.00	24.49 0.67 0.00	24.15 0.70 0.00
NEG NORTH___PLATTSBURG 23628	24.21 -0.20 0.00	23.72 -0.07 0.00	22.82 -0.14 0.00	23.80 0.02 0.00	25.34 0.05 0.00	27.86 0.17 0.00	34.97 -0.17 0.00	32.07 -0.36 0.00	28.82 -0.29 0.00	26.19 -0.29 0.00	25.20 -0.41 0.00	22.09 -0.45 0.00	20.38 -0.40 0.00	20.04 -0.26 0.00	20.16 -0.10 0.00	20.72 -0.10 0.00	24.21 0.47 0.00	33.44 1.04 0.00	37.97 1.36 0.00	31.97 1.08 0.00	27.08 0.89 0.00	23.87 0.60 0.00	24.49 0.67 0.00	24.15 0.70 0.00
NEG WEST_LEA_LOCKPORT 23791	22.16 -2.25 0.00	21.79 -2.00 0.00	21.10 -1.86 0.00	21.78 -2.00 0.00	23.01 -2.28 0.00	25.45 -2.24 0.00	31.94 -3.20 0.00	31.02 -2.50 -1.09	27.26 -2.24 -0.39	24.58 -2.01 -0.11	23.77 -1.84 0.00	21.21 -1.33 0.00	19.49 -1.29 0.00	18.82 -1.48 0.00	18.62 -1.64 0.00	19.32 -1.50 0.00	21.79 -1.95 0.00	29.38 -3.01 0.01	32.59 -4.03 -0.01	28.16 -3.12 -0.40	24.51 -2.17 -0.49	21.05 -2.33 -0.11	21.30 -2.53 0.00	20.77 -2.67 0.00
NEG WEST___LANCASTER 23811	23.21 -1.20 0.00	22.83 -0.95 0.00	22.11 -0.85 0.00	22.83 -0.95 0.00	24.17 -1.11 0.00	26.78 -0.91 0.00	34.05 -1.09 0.00	30.85 -2.82 -1.25	26.94 -2.62 -0.44	24.28 -2.33 -0.13	25.03 -0.59 0.00	22.32 -0.23 0.00	20.53 -0.25 0.00	19.76 -0.55 0.00	19.53 -0.73 0.00	20.30 -0.52 0.00	22.95 -0.78 0.00	30.84 -1.56 0.01	32.85 -3.77 -0.01	27.91 -3.43 -0.45	24.16 -2.59 -0.56	20.71 -2.68 -0.12	22.35 -1.48 0.00	21.97 -1.48 0.00
NEG_PENN_ALLEGHNY 23528	24.43 0.02 0.00	23.83 0.05 0.00	23.02 0.07 0.00	23.83 0.05 0.00	25.36 0.08 0.00	27.89 0.20 0.00	35.57 0.42 0.00	35.30 0.45 -2.42	30.38 0.41 -0.86	27.08 0.34 -0.25	26.10 0.49 0.00	22.97 0.43 0.00	21.11 0.33 0.00	20.49 0.18 0.00	20.41 0.14 0.00	21.09 0.27 0.00	24.06 0.33 0.00	32.90 0.49 -0.01	36.98 0.33 -0.04	31.95 0.19 -0.88	27.41 0.13 -1.08	23.57 0.07 -0.24	23.80 -0.02 0.00	23.30 -0.14 0.00
NEG___GEN_MONROE 24207	22.92 -1.49 0.00	22.43 -1.36 0.00	21.72 -1.24 0.00	22.49 -1.28 0.00	23.84 -1.44 0.00	26.31 -1.38 0.00	33.24 -1.90 0.00	32.36 -1.04 -0.97	28.47 -0.99 -0.35	25.68 -0.90 -0.10	24.51 -1.10 0.00	21.73 -0.81 0.00	19.97 -0.81 0.00	19.31 -0.99 0.00	19.21 -1.05 0.00	19.84 -0.98 0.00	22.50 -1.23 0.00	30.64 -1.75 0.02	34.49 -2.12 0.00	29.64 -1.61 -0.35	25.50 -1.13 -0.44	22.06 -1.30 -0.09	22.16 -1.67 0.00	21.62 -1.83 0.00
NEPA___ENERGY 23901	22.94 -1.46 0.00	22.55 -1.24 0.00	21.85 -1.10 0.00	22.56 -1.21 0.00	23.92 -1.37 0.00	26.50 -1.19 0.00	33.53 -1.62 0.00	31.91 -1.75 -1.24	27.90 -1.66 -0.44	25.18 -1.43 -0.13	24.77 -0.85 0.00	22.11 -0.43 0.00	20.34 -0.44 0.00	19.57 -0.73 0.00	19.35 -0.91 0.00	20.09 -0.73 0.00	22.71 -1.02 0.00	30.68 -1.72 0.01	33.58 -3.04 -0.01	28.84 -2.50 -0.45	24.97 -1.78 -0.56	21.41 -1.98 -0.12	22.06 -1.76 0.00	21.59 -1.85 0.00
NEVERSINK___HYD 23608	25.72 1.32 0.00	25.00 1.21 0.00	24.13 1.17 0.00	24.92 1.14 0.00	26.55 1.26 0.00	29.13 1.44 0.00	37.53 2.39 0.00	41.18 2.43 -6.32	33.49 2.12 -2.25	29.00 1.85 -0.66	27.28 1.66 0.00	23.94 1.40 0.00	21.27 0.50 0.00	20.69 0.38 0.00	20.63 0.37 0.00	21.34 0.52 0.00	24.51 0.78 0.00	33.73 1.33 0.00	38.26 1.57 -0.08	34.48 1.30 -2.30	30.80 1.78 -2.83	25.42 1.54 -0.62	25.20 1.38 0.00	24.52 1.08 0.00
NEWKRMKL_115KV_TB1 55635	25.21 0.81 0.00	24.55 0.76 0.00	23.71 0.76 0.00	24.51 0.74 0.00	26.07 0.78 0.00	28.55 0.86 0.00	36.55 1.41 0.00	42.49 1.39 -8.67	33.46 1.25 -3.09	28.53 1.14 -0.91	26.77 1.15 0.00	23.62 1.08 0.00	21.71 0.93 0.00	21.16 0.85 0.00	21.07 0.81 0.00	21.78 0.96 0.00	24.80 1.07 0.00	33.83 1.43 0.00	38.33 1.61 -0.10	35.34 1.30 -3.16	31.20 1.13 -3.88	25.11 1.00 -0.85	24.78 0.95 0.00	24.36 0.91 0.00



NEWTON___FALLS_HYD 23847	23.72 -0.68 0.00	23.14 -0.64 0.00	22.38 -0.57 0.00	23.30 -0.48 0.00	24.86 -0.43 0.00	27.33 -0.36 0.00	34.44 -0.70 0.00	31.93 -0.71 -0.22	28.52 -0.67 -0.08	25.79 -0.72 -0.02	25.00 -0.61 0.00	21.89 -0.65 0.00	20.17 -0.60 0.00	19.76 -0.55 0.00	19.78 -0.49 0.00	20.26 -0.56 0.00	23.23 -0.50 0.00	31.92 -0.49 0.00	36.25 -0.37 0.00	30.50 -0.46 -0.08	25.63 -0.65 -0.10	22.64 -0.65 -0.02	23.32 -0.50 0.00	23.12 -0.33 0.00
NGRID_A1_DSASP 323792	21.70 -2.71 0.00	21.34 -2.45 0.00	20.66 -2.30 0.00	21.33 -2.45 0.00	22.53 -2.76 0.00	24.90 -2.80 0.00	31.17 -3.97 0.00	30.46 -3.08 -1.12	26.74 -2.77 -0.40	24.14 -2.46 -0.12	23.23 -2.38 0.00	20.76 -1.78 0.00	19.07 -1.70 0.00	18.42 -1.89 0.00	18.24 -2.03 0.00	18.91 -1.92 0.00	21.29 -2.44 0.00	28.67 -3.73 0.01	31.97 -4.65 -0.01	27.65 -3.65 -0.41	23.60 -3.09 -0.50	20.70 -2.67 -0.11	20.84 -2.98 0.00	20.37 -3.07 0.00
NGRID_A2_DSASP 323793	21.70 -2.71 0.00	21.34 -2.45 0.00	20.66 -2.30 0.00	21.33 -2.45 0.00	22.53 -2.76 0.00	24.90 -2.80 0.00	31.17 -3.97 0.00	30.46 -3.08 -1.12	26.74 -2.77 -0.40	24.14 -2.46 -0.12	23.23 -2.38 0.00	20.76 -1.78 0.00	19.07 -1.70 0.00	18.42 -1.89 0.00	18.24 -2.03 0.00	18.91 -1.92 0.00	21.29 -2.44 0.00	28.67 -3.73 0.01	31.97 -4.65 -0.01	27.65 -3.65 -0.41	23.60 -3.09 -0.50	20.70 -2.67 -0.11	20.84 -2.98 0.00	20.37 -3.07 0.00
NGRID_A4_DSASP 323807	21.70 -2.71 0.00	21.34 -2.45 0.00	20.66 -2.30 0.00	21.33 -2.45 0.00	22.53 -2.76 0.00	24.90 -2.80 0.00	31.17 -3.97 0.00	30.46 -3.08 -1.12	26.74 -2.77 -0.40	24.14 -2.46 -0.12	23.23 -2.38 0.00	20.76 -1.78 0.00	19.07 -1.70 0.00	18.42 -1.89 0.00	18.24 -2.03 0.00	18.91 -1.92 0.00	21.29 -2.44 0.00	28.67 -3.73 0.01	31.97 -4.65 -0.01	27.65 -3.65 -0.41	23.60 -3.09 -0.50	20.70 -2.67 -0.11	20.84 -2.98 0.00	20.37 -3.07 0.00
NIAGARA_115E_LBMP 323715	21.84 -2.56 0.00	21.50 -2.28 0.00	20.80 -2.16 0.00	21.49 -2.28 0.00	22.71 -2.58 0.00	25.03 -2.66 0.00	31.35 -3.80 0.00	30.50 -3.05 -1.12	26.81 -2.71 -0.40	24.16 -2.44 -0.12	23.34 -2.28 0.00	20.83 -1.71 0.00	19.16 -1.62 0.00	18.50 -1.81 0.00	18.30 -1.97 0.00	18.99 -1.83 0.00	21.38 -2.35 0.00	28.79 -3.60 0.01	32.08 -4.54 -0.01	27.71 -3.58 -0.41	23.63 -3.06 -0.50	20.72 -2.65 -0.11	20.92 -2.91 0.00	20.44 -3.00 0.00
NIAGARA_115W_LBMP 323714	21.65 -2.76 0.00	21.29 -2.50 0.00	20.61 -2.34 0.00	21.28 -2.50 0.00	22.45 -2.83 0.00	24.84 -2.85 0.00	31.10 -4.04 0.00	30.36 -3.18 -1.12	26.69 -2.82 -0.40	24.08 -2.52 -0.12	23.18 -2.43 0.00	20.69 -1.85 0.00	19.03 -1.75 0.00	18.37 -1.93 0.00	18.20 -2.07 0.00	18.86 -1.96 0.00	21.22 -2.52 0.00	28.60 -3.79 0.01	31.86 -4.76 -0.01	27.59 -3.71 -0.41	23.55 -3.14 -0.50	20.65 -2.72 -0.11	20.80 -3.03 0.00	20.33 -3.12 0.00
NIAGARA_230_LBMP 323716	22.06 -2.34 0.00	21.69 -2.09 0.00	20.98 -1.97 0.00	21.68 -2.09 0.00	22.88 -2.40 0.00	25.28 -2.41 0.00	31.70 -3.44 0.00	30.87 -2.66 -1.11	27.12 -2.39 -0.39	24.48 -2.12 -0.12	23.59 -2.02 0.00	21.05 -1.49 0.00	19.36 -1.41 0.00	18.70 -1.60 0.00	18.52 -1.74 0.00	19.20 -1.62 0.00	21.62 -2.11 0.00	29.15 -3.24 0.01	32.44 -4.17 -0.01	28.05 -3.24 -0.40	23.96 -2.72 -0.50	21.00 -2.37 -0.11	21.20 -2.62 0.00	20.73 -2.72 0.00
NIAGARA___115KV_198_GIBSON 55903	21.65 -2.76 0.00	21.29 -2.50 0.00	20.61 -2.34 0.00	21.28 -2.50 0.00	22.45 -2.83 0.00	24.84 -2.85 0.00	31.10 -4.04 0.00	30.35 -3.18 -1.10	26.68 -2.82 -0.39	24.08 -2.52 -0.12	23.18 -2.43 0.00	20.69 -1.85 0.00	19.03 -1.75 0.00	18.38 -1.93 0.00	18.20 -2.07 0.00	18.86 -1.96 0.00	21.22 -2.52 0.00	28.60 -3.79 0.01	31.79 -4.83 -0.01	27.58 -3.71 -0.40	24.07 -2.62 -0.49	20.65 -2.72 -0.11	20.82 -3.00 0.00	20.33 -3.12 0.00
NIAGARA____ 23760	22.06 -2.34 0.00	21.69 -2.09 0.00	20.98 -1.97 0.00	21.68 -2.09 0.00	22.88 -2.40 0.00	25.28 -2.41 0.00	31.70 -3.44 0.00	30.88 -2.66 -1.11	27.12 -2.39 -0.40	24.48 -2.12 -0.12	23.59 -2.02 0.00	21.05 -1.49 0.00	19.36 -1.41 0.00	18.70 -1.60 0.00	18.52 -1.74 0.00	19.20 -1.62 0.00	21.62 -2.11 0.00	29.15 -3.24 0.01	32.44 -4.17 -0.01	28.05 -3.24 -0.40	23.97 -2.72 -0.50	21.00 -2.37 -0.11	21.20 -2.62 0.00	20.73 -2.72 0.00
NINE_MILE_1 23575	23.31 -1.10 0.00	22.72 -1.07 0.00	21.95 -1.01 0.00	22.73 -1.05 0.00	24.17 -1.11 0.00	26.53 -1.16 0.00	33.70 -1.44 0.00	31.89 -1.10 -0.57	28.36 -0.96 -0.20	25.67 -0.87 -0.06	24.72 -0.90 0.00	21.77 -0.77 0.00	20.03 -0.75 0.00	19.53 -0.77 0.00	19.47 -0.79 0.00	20.05 -0.77 0.00	22.83 -0.90 0.00	31.17 -1.23 0.00	35.19 -1.43 -0.01	29.92 -1.17 -0.21	25.42 -1.02 -0.25	22.39 -0.93 -0.06	22.75 -1.07 0.00	22.30 -1.15 0.00
NINE_MILE_2 23744	23.31 -1.10 0.00	22.72 -1.07 0.00	21.95 -1.01 0.00	22.73 -1.05 0.00	24.17 -1.11 0.00	26.53 -1.16 0.00	33.70 -1.44 0.00	31.89 -1.10 -0.57	28.35 -0.96 -0.20	25.67 -0.87 -0.06	24.74 -0.87 0.00	21.77 -0.77 0.00	20.03 -0.75 0.00	19.53 -0.77 0.00	19.47 -0.79 0.00	20.05 -0.77 0.00	22.85 -0.88 0.00	31.17 -1.23 0.00	35.23 -1.39 -0.01	29.92 -1.17 -0.21	25.42 -1.02 -0.25	22.39 -0.93 -0.06	22.75 -1.07 0.00	22.30 -1.15 0.00
NM_CAPITAL___DRP 24208	25.26 0.85 0.00	24.59 0.81 0.00	23.76 0.80 0.00	24.56 0.78 0.00	26.12 0.83 0.00	28.61 0.91 0.00	36.62 1.48 0.00	42.49 1.43 -8.65	33.51 1.31 -3.08	28.58 1.19 -0.91	26.79 1.18 0.00	23.65 1.10 0.00	21.75 0.98 0.00	21.18 0.87 0.00	21.09 0.83 0.00	21.80 0.98 0.00	24.82 1.09 0.00	33.89 1.49 0.00	38.36 1.65 -0.10	35.39 1.36 -3.15	31.24 1.18 -3.87	25.13 1.02 -0.84	24.80 0.98 0.00	24.36 0.91 0.00
NM_CENTRAL___DRP 24181	23.72 -0.68 0.00	23.14 -0.64 0.00	22.34 -0.62 0.00	23.16 -0.62 0.00	24.63 -0.66 0.00	27.03 -0.66 0.00	34.33 -0.81 0.00	32.76 -0.42 -0.76	29.06 -0.32 -0.27	26.27 -0.29 -0.08	25.33 -0.28 0.00	22.29 -0.25 0.00	20.49 -0.29 0.00	19.94 -0.37 0.00	19.88 -0.39 0.00	20.49 -0.33 0.00	23.33 -0.40 0.00	31.79 -0.62 0.00	35.89 -0.73 -0.01	30.55 -0.62 -0.28	26.11 -0.42 -0.34	22.85 -0.49 -0.07	23.16 -0.67 0.00	22.67 -0.77 0.00
NM_FRONTIER___DRP 24179	21.65 -2.76 0.00	21.29 -2.50 0.00	20.61 -2.34 0.00	21.28 -2.50 0.00	22.45 -2.83 0.00	24.84 -2.85 0.00	31.10 -4.04 0.00	30.35 -3.18 -1.10	26.68 -2.82 -0.39	24.08 -2.52 -0.12	23.18 -2.43 0.00	20.69 -1.85 0.00	19.03 -1.75 0.00	18.38 -1.93 0.00	18.20 -2.07 0.00	18.86 -1.96 0.00	21.22 -2.52 0.00	28.60 -3.79 0.01	31.79 -4.83 -0.01	27.58 -3.71 -0.40	24.07 -2.62 -0.49	20.65 -2.72 -0.11	20.82 -3.00 0.00	20.33 -3.12 0.00
NM_ST_REGIS___HYD 24053	23.87 -0.54 0.00	23.31 -0.48 0.00	22.47 -0.48 0.00	23.40 -0.38 0.00	24.81 -0.48 0.00	27.19 -0.50 0.00	34.02 -1.12 0.00	31.13 -1.30 0.00	27.95 -1.16 0.00	25.37 -1.11 0.00	24.59 -1.02 0.00	21.59 -0.95 0.00	19.99 -0.79 0.00	19.65 -0.65 0.00	19.72 -0.55 0.00	20.09 -0.73 0.00	23.11 -0.62 0.00	31.69 -0.71 0.00	36.03 -0.59 0.00	30.30 -0.59 0.00	25.54 -0.65 0.00	22.75 -0.51 0.00	23.63 -0.19 0.00	23.54 0.09 0.00



NORTHPORT___1 23551	29.54 2.10 -3.03	27.72 1.97 -1.96	24.81 1.86 0.00	25.61 1.83 0.00	27.62 2.00 -0.33	31.43 2.19 -1.55	40.51 3.48 -1.89	42.63 3.21 -7.00	40.51 3.23 -8.17	34.82 2.97 -5.37	31.17 2.79 -2.76	28.47 2.48 -3.45	27.35 2.20 -4.37	26.89 2.01 -4.57	28.62 1.97 -6.39	32.88 2.21 -9.86	34.83 2.51 -8.59	40.94 3.27 -5.26	48.18 3.55 -8.02	41.08 3.09 -7.11	37.43 2.59 -8.64	36.11 2.33 -10.52	31.85 2.41 -5.62	28.67 1.99 -3.23
NORTHPORT___2 23552	29.54 2.10 -3.03	27.72 1.97 -1.96	24.81 1.86 0.00	25.61 1.83 0.00	27.62 2.00 -0.33	31.43 2.19 -1.55	40.51 3.48 -1.89	42.63 3.21 -7.00	40.51 3.23 -8.17	34.82 2.97 -5.37	31.17 2.79 -2.76	28.47 2.48 -3.45	27.35 2.20 -4.37	26.89 2.01 -4.57	28.62 1.97 -6.39	32.88 2.21 -9.86	34.83 2.51 -8.59	40.94 3.27 -5.26	48.18 3.55 -8.02	41.08 3.09 -7.11	37.43 2.59 -8.64	36.11 2.33 -10.52	31.85 2.41 -5.62	28.67 1.99 -3.23
NORTHPORT___3 23553	29.56 2.12 -3.03	27.74 2.00 -1.96	24.81 1.86 0.00	25.63 1.86 0.00	27.64 2.02 -0.33	31.49 2.24 -1.55	40.54 3.51 -1.89	43.04 3.63 -6.99	40.60 3.32 -8.17	34.90 3.04 -5.37	31.25 2.87 -2.76	28.52 2.52 -3.45	27.40 2.24 -4.37	26.93 2.05 -4.57	28.66 2.01 -6.39	32.91 2.23 -9.86	34.91 2.59 -8.59	41.72 3.95 -5.36	49.10 4.39 -8.10	41.87 3.77 -7.21	38.09 3.17 -8.73	36.59 2.81 -10.51	31.85 2.41 -5.62	28.67 1.99 -3.23
NORTHPORT___4 23650	29.56 2.12 -3.03	27.74 2.00 -1.96	24.81 1.86 0.00	25.63 1.86 0.00	27.64 2.02 -0.33	31.49 2.24 -1.55	40.54 3.51 -1.89	43.04 3.63 -6.99	40.60 3.32 -8.17	34.90 3.04 -5.37	31.25 2.87 -2.76	28.52 2.52 -3.45	27.40 2.24 -4.37	26.93 2.05 -4.57	28.66 2.01 -6.39	32.91 2.23 -9.86	34.91 2.59 -8.59	41.72 3.95 -5.36	49.10 4.39 -8.10	41.87 3.77 -7.21	38.09 3.17 -8.73	36.59 2.81 -10.51	31.85 2.41 -5.62	28.67 1.99 -3.23
NORTHPORT___IC 23718	29.46 2.03 -3.03	27.72 1.97 -1.96	24.81 1.86 0.00	25.61 1.83 0.00	27.62 2.00 -0.33	31.43 2.19 -1.55	40.51 3.48 -1.89	42.63 3.21 -6.99	40.51 3.23 -8.17	34.82 2.97 -5.37	31.17 2.79 -2.76	28.47 2.48 -3.45	27.33 2.18 -4.37	26.89 2.01 -4.57	28.62 1.97 -6.39	32.86 2.19 -9.86	34.83 2.52 -8.59	40.94 3.27 -5.26	48.14 3.51 -8.02	41.08 3.09 -7.11	37.45 2.62 -8.64	36.11 2.33 -10.52	31.85 2.41 -5.62	28.67 1.99 -3.23
NORTH___COUNTRY_ESR 323785	23.87 -0.54 0.00	23.36 -0.43 0.00	22.50 -0.46 0.00	23.44 -0.33 0.00	24.93 -0.35 0.00	27.33 -0.36 0.00	34.30 -0.84 0.00	31.42 -1.01 0.00	28.21 -0.90 0.00	25.63 -0.85 0.00	24.69 -0.92 0.00	21.66 -0.88 0.00	20.03 -0.75 0.00	19.71 -0.59 0.00	19.84 -0.43 0.00	20.36 -0.46 0.00	23.68 -0.05 0.00	32.70 0.29 0.00	37.09 0.47 0.00	31.29 0.40 0.00	26.51 0.32 0.00	23.43 0.16 0.00	24.09 0.26 0.00	23.80 0.35 0.00
NPX_GEN_1385_PROXY 323591	29.44 2.00 -3.03	27.72 1.97 -1.96	24.81 1.86 0.00	25.61 1.83 0.00	27.62 2.00 -0.33	31.89 2.10 -2.10	39.83 3.34 -1.34	42.53 3.11 -7.00	40.42 3.15 -8.17	34.71 2.86 -5.37	31.04 2.66 -2.76	28.38 2.39 -3.45	27.33 2.18 -4.37	26.87 1.99 -4.57	28.52 1.86 -6.39	32.78 2.10 -9.86	34.72 2.40 -8.59	40.81 3.14 -5.26	47.92 3.30 -8.02	40.26 3.06 -6.31	36.78 2.49 -8.10	37.38 2.26 -11.86	31.83 2.38 -5.62	28.67 1.99 -3.23
NPX_GEN_CSC 323557	29.76 2.32 -3.03	27.98 2.24 -1.96	25.04 2.09 0.00	25.85 2.07 0.00	27.90 2.28 -0.33	32.25 2.46 -2.10	40.35 3.87 -1.34	43.27 3.76 -7.09	40.83 3.55 -8.17	35.00 3.15 -5.37	31.40 3.02 -2.76	28.63 2.64 -3.45	27.44 2.29 -4.37	26.99 2.11 -4.57	28.76 2.11 -6.39	33.07 2.39 -9.86	35.12 2.80 -8.59	50.00 3.79 -13.81	56.17 4.14 -15.42	50.00 3.55 -15.56	45.00 2.98 -15.82	37.96 2.72 -11.98	32.07 2.62 -5.62	28.95 2.27 -3.23
NSINS_S_GLNS_FALLS 23858	25.80 1.39 0.00	25.05 1.26 0.00	24.15 1.19 0.00	25.11 1.33 0.00	26.75 1.47 0.00	29.35 1.66 0.00	37.64 2.50 0.00	43.65 2.33 -8.89	34.21 1.92 -3.17	29.06 1.64 -0.93	27.28 1.66 0.00	23.83 1.28 0.00	21.82 1.04 0.00	21.26 0.95 0.00	21.16 0.89 0.00	21.90 1.08 0.00	25.13 1.40 0.00	34.64 2.24 0.00	39.39 2.67 -0.11	36.19 2.07 -3.24	31.93 1.75 -3.98	25.51 1.37 -0.87	25.13 1.31 0.00	24.45 1.01 0.00
NUCOR_STEEL___DRP 24197	24.04 -0.37 0.00	23.45 -0.33 0.00	22.66 -0.30 0.00	23.47 -0.31 0.00	24.98 -0.30 0.00	27.47 -0.22 0.00	35.00 -0.14 0.00	33.64 0.23 -0.99	29.64 0.17 -0.35	26.69 0.11 -0.10	25.72 0.10 0.00	22.59 0.05 0.00	20.76 -0.02 0.00	20.18 -0.12 0.00	20.10 -0.16 0.00	20.76 -0.06 0.00	23.71 -0.02 0.00	32.42 0.00 -0.01	36.60 -0.04 -0.02	31.22 -0.03 -0.36	26.64 0.00 -0.44	23.18 -0.19 -0.10	23.44 -0.38 0.00	22.95 -0.49 0.00
NUMBER_THREE_WT_PWR 323818	23.87 -0.54 0.00	23.31 -0.48 0.00	22.61 -0.34 0.00	23.54 -0.24 0.00	25.36 0.08 0.00	27.94 0.25 0.00	35.49 0.35 0.00	33.08 0.39 -0.27	29.53 0.32 -0.10	26.70 0.19 -0.03	25.82 0.20 0.00	22.56 0.02 0.00	20.71 -0.06 0.00	20.22 -0.08 0.00	20.20 -0.06 0.00	20.82 0.00 0.00	23.92 0.19 0.00	32.89 0.49 0.00	37.35 0.73 0.00	31.42 0.43 -0.10	26.23 -0.08 -0.12	22.97 -0.33 -0.03	23.47 -0.36 0.00	23.07 -0.38 0.00
NYISO_LBMP_REFERENCE 24008	24.41 0.00 0.00	23.79 0.00 0.00	22.96 0.00 0.00	23.78 0.00 0.00	25.29 0.00 0.00	27.69 0.00 0.00	35.14 0.00 0.00	32.42 0.00 0.00	29.11 0.00 0.00	26.48 0.00 0.00	25.61 0.00 0.00	22.54 0.00 0.00	20.78 0.00 0.00	20.30 0.00 0.00	20.26 0.00 0.00	20.82 0.00 0.00	23.73 0.00 0.00	32.40 0.00 0.00	36.61 0.00 0.00	30.89 0.00 0.00	26.19 0.00 0.00	23.27 0.00 0.00	23.82 0.00 0.00	23.44 0.00 0.00
NYPA_BRENTWD___GT 24164	29.78 2.34 -3.03	27.98 2.24 -1.96	25.04 2.09 0.00	25.85 2.07 0.00	27.90 2.28 -0.33	31.77 2.52 -1.55	40.93 3.90 -1.89	43.19 3.76 -7.00	40.89 3.61 -8.17	35.11 3.26 -5.37	31.45 3.07 -2.76	28.70 2.70 -3.45	27.54 2.39 -4.37	27.09 2.21 -4.57	28.82 2.17 -6.39	33.11 2.43 -9.86	35.14 2.82 -8.59	42.22 3.82 -5.99	49.47 4.21 -8.65	42.40 3.61 -7.90	38.49 3.01 -9.29	36.49 2.70 -10.53	32.09 2.64 -5.62	28.91 2.23 -3.23
NYPA_GOWANUS___GT5 24156	26.34 1.93 -0.01	25.50 1.71 0.00	24.52 1.56 0.00	25.28 1.50 0.00	26.95 1.67 0.00	29.38 1.69 0.00	38.09 2.95 0.00	42.50 3.08 -7.00	34.60 2.97 -2.51	30.63 2.73 -1.42	28.19 2.56 -0.02	26.37 2.25 -1.57	26.55 2.04 -3.74	26.23 1.85 -4.08	25.43 1.78 -3.38	26.58 2.02 -3.74	28.66 2.35 -2.58	35.66 3.24 -0.02	131.05 3.63 -90.81	36.57 3.12 -2.56	31.91 2.57 -3.15	26.33 2.35 -0.72	26.05 2.22 -0.02	25.15 1.71 0.00
NYPA_GOWANUS___GT6 24157	26.34 1.93 -0.01	25.50 1.71 0.00	24.52 1.56 0.00	25.28 1.50 0.00	26.95 1.67 0.00	29.38 1.69 0.00	38.09 2.95 0.00	42.50 3.08 -7.00	34.60 2.97 -2.51	30.63 2.73 -1.42	28.19 2.56 -0.02	26.37 2.25 -1.57	26.55 2.04 -3.74	26.23 1.85 -4.08	25.43 1.78 -3.38	26.58 2.02 -3.74	28.66 2.35 -2.58	35.66 3.24 -0.02	131.05 3.63 -90.81	36.57 3.12 -2.56	31.91 2.57 -3.15	26.33 2.35 -0.72	26.05 2.22 -0.02	25.15 1.71 0.00



NYPA_HARLEM__RVR__GT1 24160	26.12 1.71 -0.01	25.31 1.52 0.00	24.33 1.38 0.00	25.08 1.31 0.00	26.75 1.47 0.00	29.10 1.41 0.01	37.67 2.53 0.01	42.10 2.69 -6.99	34.33 2.71 -2.51	29.87 2.57 -0.82	28.03 2.41 -0.01	24.88 2.14 -0.20	23.17 1.91 -0.48	22.57 1.75 -0.52	22.38 1.68 -0.43	23.19 1.89 -0.48	26.24 2.18 -0.33	35.33 2.92 -0.01	39.96 3.26 -0.09	36.28 2.84 -2.56	31.69 2.36 -3.14	26.14 2.19 -0.69	25.85 2.02 -0.01	24.97 1.52 0.00
NYPA_HARLEM__RVR__GT2 24161	26.12 1.71 -0.01	25.31 1.52 0.00	24.33 1.38 0.00	25.08 1.31 0.00	26.75 1.47 0.00	29.10 1.41 0.01	37.67 2.53 0.01	42.10 2.69 -6.99	34.33 2.71 -2.51	29.87 2.57 -0.82	28.03 2.41 -0.01	24.88 2.14 -0.20	23.17 1.91 -0.48	22.57 1.75 -0.52	22.38 1.68 -0.43	23.19 1.89 -0.48	26.24 2.18 -0.33	35.33 2.92 -0.01	39.96 3.26 -0.09	36.28 2.84 -2.56	31.69 2.36 -3.14	26.14 2.19 -0.69	25.85 2.02 -0.01	24.97 1.52 0.00
NYPA_KENT____GT 24152	26.27 1.85 -0.01	25.43 1.64 0.00	24.47 1.51 0.00	25.23 1.45 0.00	26.91 1.62 0.00	29.33 1.63 0.00	37.99 2.85 0.00	42.40 2.98 -7.00	34.51 2.88 -2.51	30.57 2.67 -1.42	28.12 2.48 -0.02	26.32 2.21 -1.57	26.49 1.97 -3.74	26.19 1.81 -4.08	25.39 1.74 -3.38	26.52 1.96 -3.74	28.59 2.28 -2.58	35.60 3.18 -0.02	176.30 3.52 -136.17	36.45 3.00 -2.56	31.86 2.51 -3.15	26.26 2.28 -0.72	25.98 2.14 -0.02	25.08 1.64 0.00
NYPA_POUCH1____GT 24155	26.32 1.90 -0.01	25.48 1.69 0.00	24.49 1.54 0.00	25.25 1.47 0.00	26.93 1.64 0.00	29.35 1.66 0.00	38.02 2.88 0.00	42.44 3.02 -7.00	34.51 2.88 -2.51	30.55 2.65 -1.42	28.09 2.46 -0.02	26.30 2.19 -1.57	26.47 1.95 -3.74	26.17 1.79 -4.08	25.37 1.72 -3.38	26.52 1.96 -3.74	28.59 2.28 -2.58	35.56 3.14 -0.02	130.94 3.52 -90.81	36.45 3.00 -2.56	31.83 2.49 -3.15	26.29 2.30 -0.72	26.03 2.19 -0.02	25.13 1.69 0.00
NYPA_VERNON____GT2 24162	26.19 1.78 -0.01	25.38 1.59 0.00	24.40 1.45 0.00	25.18 1.40 0.00	26.85 1.57 0.00	29.27 1.58 0.00	37.89 2.74 0.00	42.31 2.88 -7.00	34.45 2.82 -2.51	30.52 2.62 -1.42	28.07 2.43 -0.02	26.28 2.16 -1.57	26.45 1.93 -3.74	26.15 1.77 -4.08	25.35 1.70 -3.38	26.48 1.91 -3.74	28.52 2.21 -2.58	35.50 3.08 -0.02	40.12 3.41 -0.10	36.35 2.90 -2.56	31.78 2.44 -3.15	26.19 2.21 -0.72	25.91 2.07 -0.02	25.04 1.60 0.00
NYPA_VERNON____GT3 24163	26.19 1.78 -0.01	25.38 1.59 0.00	24.40 1.45 0.00	25.18 1.40 0.00	26.85 1.57 0.00	29.27 1.58 0.00	37.89 2.74 0.00	42.31 2.88 -7.00	34.45 2.82 -2.51	30.52 2.62 -1.42	28.07 2.43 -0.02	26.28 2.16 -1.57	26.45 1.93 -3.74	26.15 1.77 -4.08	25.35 1.70 -3.38	26.48 1.91 -3.74	28.52 2.21 -2.58	35.50 3.08 -0.02	40.12 3.41 -0.10	36.35 2.90 -2.56	31.78 2.44 -3.15	26.19 2.21 -0.72	25.91 2.07 -0.02	25.04 1.60 0.00
NYPA__ASTORIA_CC1 323568	26.17 1.76 -0.01	25.36 1.57 0.00	24.40 1.45 0.00	25.16 1.38 0.00	26.83 1.54 0.00	29.24 1.55 0.00	37.85 2.71 0.00	42.28 2.85 -7.00	34.39 2.77 -2.51	30.49 2.60 -1.42	28.04 2.41 -0.02	26.28 2.16 -1.57	26.43 1.91 -3.74	26.13 1.75 -4.08	25.33 1.68 -3.38	26.46 1.89 -3.74	28.52 2.21 -2.58	35.47 3.05 -0.02	40.08 3.37 -0.10	36.32 2.87 -2.56	31.75 2.41 -3.15	26.17 2.19 -0.72	25.91 2.07 -0.02	25.02 1.57 0.00
NYPA__ASTORIA_CC2 323569	26.17 1.76 -0.01	25.36 1.57 0.00	24.40 1.45 0.00	25.16 1.38 0.00	26.83 1.54 0.00	29.24 1.55 0.00	37.85 2.71 0.00	42.28 2.85 -7.00	34.39 2.77 -2.51	30.49 2.60 -1.42	28.04 2.41 -0.02	26.28 2.16 -1.57	26.43 1.91 -3.74	26.13 1.75 -4.08	25.33 1.68 -3.38	26.46 1.89 -3.74	28.52 2.21 -2.58	35.47 3.05 -0.02	40.08 3.37 -0.10	36.32 2.87 -2.56	31.75 2.41 -3.15	26.17 2.19 -0.72	25.91 2.07 -0.02	25.02 1.57 0.00
NYPA__HOLTSVILL 23794	29.68 2.24 -3.03	27.89 2.14 -1.96	24.95 2.00 0.00	25.75 1.97 0.00	27.80 2.17 -0.33	31.63 2.38 -1.55	40.75 3.72 -1.89	43.14 3.63 -7.09	40.74 3.46 -8.17	34.95 3.10 -5.37	31.32 2.94 -2.76	28.56 2.57 -3.45	27.42 2.27 -4.37	26.95 2.07 -4.57	28.70 2.05 -6.39	33.01 2.33 -9.86	35.00 2.68 -8.59	49.85 3.63 -13.81	56.03 3.99 -15.43	50.68 3.43 -16.37	45.45 2.88 -16.38	36.48 2.58 -10.64	32.00 2.55 -5.62	28.83 2.16 -3.23
NYPA__HELLGATE_GT1 24158	26.12 1.71 -0.01	25.31 1.52 0.00	24.33 1.38 0.00	25.08 1.31 0.00	26.75 1.47 0.00	29.10 1.41 0.01	37.67 2.53 0.01	42.10 2.69 -6.99	34.33 2.71 -2.51	31.05 2.57 -2.00	28.03 2.41 -0.01	27.61 2.14 -2.93	29.67 1.91 -6.99	29.68 1.75 -7.63	28.27 1.68 -6.32	29.71 1.89 -6.99	30.74 2.18 -4.82	35.33 2.92 -0.01	39.96 3.26 -0.09	36.28 2.84 -2.56	31.69 2.36 -3.14	26.18 2.19 -0.72	25.85 2.02 -0.01	24.97 1.52 0.00
NYPA__HELLGATE_GT2 24159	26.12 1.71 -0.01	25.31 1.52 0.00	24.33 1.38 0.00	25.08 1.31 0.00	26.75 1.47 0.00	29.10 1.41 0.01	37.67 2.53 0.01	42.10 2.69 -6.99	34.33 2.71 -2.51	31.05 2.57 -2.00	28.03 2.41 -0.01	27.61 2.14 -2.93	29.67 1.91 -6.99	29.68 1.75 -7.63	28.27 1.68 -6.32	29.71 1.89 -6.99	30.74 2.18 -4.82	35.33 2.92 -0.01	39.96 3.26 -0.09	36.28 2.84 -2.56	31.69 2.36 -3.14	26.18 2.19 -0.72	25.85 2.02 -0.01	24.97 1.52 0.00
NYS_BARGE__HYD 23848	22.16 -2.24 0.00	21.79 -2.00 0.00	21.10 -1.86 0.00	21.80 -1.97 0.00	23.04 -2.25 0.00	25.45 -2.24 0.00	31.94 -3.20 0.00	31.06 -2.47 -1.10	27.26 -2.24 -0.39	24.58 -2.01 -0.12	23.77 -1.84 0.00	21.21 -1.33 0.00	19.49 -1.29 0.00	18.82 -1.48 0.00	18.62 -1.64 0.00	19.32 -1.50 0.00	21.79 -1.95 0.00	29.38 -3.01 0.01	32.74 -3.88 -0.01	28.20 -3.09 -0.40	24.04 -2.64 -0.49	21.07 -2.30 -0.11	21.27 -2.55 0.00	20.77 -2.67 0.00
OAK_ORCHARD__HYD 24046	22.94 -1.46 0.00	22.45 -1.33 0.00	21.72 -1.24 0.00	22.49 -1.28 0.00	23.85 -1.44 0.00	26.34 -1.36 0.00	33.31 -1.83 0.00	32.49 -0.91 -0.98	28.62 -0.85 -0.35	25.82 -0.77 -0.10	24.67 -0.95 0.00	21.84 -0.70 0.00	20.05 -0.73 0.00	19.45 -0.85 0.00	19.33 -0.93 0.00	19.99 -0.83 0.00	22.66 -1.07 0.00	30.83 -1.55 0.02	34.78 -1.83 0.00	29.92 -1.33 -0.36	25.40 -1.23 -0.44	22.20 -1.16 -0.10	22.30 -1.53 0.00	21.76 -1.69 0.00
OAKDALE__35_KV_LOAD 356122	24.38 -0.02 0.00	23.81 0.02 0.00	23.00 0.05 0.00	23.80 0.02 0.00	25.31 0.03 0.00	27.83 0.14 0.00	35.49 0.35 0.00	35.20 0.39 -2.38	30.31 0.35 -0.85	27.02 0.29 -0.25	26.05 0.44 0.00	22.95 0.41 0.00	21.09 0.31 0.00	20.47 0.16 0.00	20.37 0.10 0.00	21.05 0.23 0.00	24.02 0.28 0.00	32.81 0.39 -0.01	36.83 0.18 -0.04	31.88 0.12 -0.87	27.44 0.18 -1.07	23.50 0.00 -0.23	23.78 -0.05 0.00	23.28 -0.16 0.00
OCC_CHEM__DRP 24175	21.70 -2.71 0.00	21.34 -2.45 0.00	20.66 -2.30 0.00	21.33 -2.45 0.00	22.50 -2.78 0.00	24.90 -2.80 0.00	31.17 -3.97 0.00	30.42 -3.11 -1.11	26.74 -2.77 -0.39	24.14 -2.46 -0.12	23.23 -2.38 0.00	20.76 -1.78 0.00	19.07 -1.70 0.00	18.42 -1.89 0.00	18.24 -2.03 0.00	18.91 -1.92 0.00	21.29 -2.44 0.00	28.67 -3.73 0.01	31.86 -4.76 -0.01	27.65 -3.64 -0.40	24.12 -2.57 -0.49	20.70 -2.68 -0.11	20.87 -2.95 0.00	20.37 -3.07 0.00



OH_GEN_PROXY 24063	22.11 -2.30 0.00	21.74 -2.05 0.00	21.03 -1.93 0.00	21.73 -2.05 0.00	22.94 -2.35 0.00	25.91 -2.33 -0.54	31.26 -3.34 0.54	30.97 -2.56 -1.11	27.21 -2.30 -0.40	24.56 -2.04 -0.12	23.67 -1.95 0.00	21.12 -1.42 0.00	19.43 -1.35 0.00	18.76 -1.54 0.00	18.58 -1.68 0.00	19.26 -1.56 0.00	21.69 -2.04 0.00	29.25 -3.14 0.01	32.59 -4.03 -0.01	27.38 -3.12 0.39	23.50 -2.64 0.05	22.44 -2.28 -1.45	21.27 -2.55 0.00	20.80 -2.65 0.00
OLIN_CORP_DRP 24177	21.89 -2.51 0.00	21.55 -2.24 0.00	20.84 -2.11 0.00	21.54 -2.24 0.00	22.73 -2.55 0.00	25.09 -2.60 0.00	31.42 -3.73 0.00	30.59 -2.95 -1.12	26.86 -2.65 -0.40	24.24 -2.36 -0.12	23.39 -2.23 0.00	20.90 -1.65 0.00	19.20 -1.58 0.00	18.54 -1.77 0.00	18.36 -1.90 0.00	19.03 -1.79 0.00	21.43 -2.30 0.00	28.89 -3.50 0.01	32.04 -4.58 -0.01	27.77 -3.52 -0.41	24.20 -2.49 -0.50	20.77 -2.61 -0.11	21.01 -2.81 0.00	20.51 -2.93 0.00
OLIN_CORP_DSASP 323712	21.70 -2.71 0.00	21.34 -2.45 0.00	20.66 -2.30 0.00	21.33 -2.45 0.00	22.53 -2.76 0.00	24.90 -2.80 0.00	31.17 -3.97 0.00	30.46 -3.08 -1.12	26.74 -2.77 -0.40	24.14 -2.46 -0.12	23.23 -2.38 0.00	20.76 -1.78 0.00	19.07 -1.70 0.00	18.42 -1.89 0.00	18.24 -2.03 0.00	18.91 -1.92 0.00	21.29 -2.44 0.00	28.67 -3.73 0.01	31.97 -4.65 -0.01	27.65 -3.65 -0.41	23.60 -3.09 -0.50	20.70 -2.67 -0.11	20.84 -2.98 0.00	20.37 -3.07 0.00
ONEIDA_HERK_LFGE 323681	24.55 0.15 0.00	23.95 0.17 0.00	23.16 0.21 0.00	24.04 0.26 0.00	25.72 0.43 0.00	28.33 0.64 0.00	36.05 0.91 0.00	33.58 0.94 -0.21	30.03 0.84 -0.08	27.19 0.69 -0.02	26.31 0.69 0.00	23.02 0.47 0.00	21.13 0.35 0.00	20.61 0.31 0.00	20.59 0.32 0.00	21.22 0.39 0.00	24.32 0.59 0.00	33.38 0.97 0.00	37.82 1.21 0.00	31.83 0.86 -0.08	26.78 0.50 -0.09	23.59 0.30 -0.02	24.06 0.24 0.00	23.61 0.17 0.00
ONEIDA___115KV_TB4 55905	24.82 0.41 0.00	24.21 0.43 0.00	23.41 0.46 0.00	24.25 0.48 0.00	25.87 0.58 0.00	28.50 0.80 0.00	36.30 1.16 0.00	34.13 1.23 -0.48	30.42 1.14 -0.17	27.46 0.93 -0.05	26.51 0.90 0.00	23.22 0.68 0.00	21.32 0.54 0.00	20.77 0.47 0.00	20.73 0.47 0.00	21.38 0.56 0.00	24.49 0.76 0.00	33.57 1.17 0.00	37.97 1.35 -0.01	32.08 1.02 -0.17	27.19 0.79 -0.21	23.87 0.56 -0.05	24.28 0.45 0.00	23.82 0.38 0.00
ONONDAGA_REF_OCCRA 23987	23.92 -0.49 0.00	23.31 -0.48 0.00	22.52 -0.44 0.00	23.33 -0.45 0.00	24.83 -0.46 0.00	27.25 -0.44 0.00	34.69 -0.46 0.00	33.17 -0.16 -0.91	29.32 -0.12 -0.32	26.47 -0.11 -0.10	25.54 -0.08 0.00	22.45 -0.09 0.00	20.63 -0.15 0.00	20.08 -0.22 0.00	20.00 -0.26 0.00	20.63 -0.19 0.00	23.52 -0.21 0.00	32.12 -0.29 -0.01	36.22 -0.40 -0.01	30.88 -0.34 -0.33	26.39 -0.21 -0.41	23.03 -0.33 -0.09	23.35 -0.48 0.00	22.86 -0.59 0.00
ONONDAGA___COGEN 23986	23.89 -0.51 0.00	23.29 -0.50 0.00	22.50 -0.46 0.00	23.30 -0.48 0.00	24.81 -0.48 0.00	27.25 -0.44 0.00	34.65 -0.49 0.00	33.15 -0.13 -0.85	29.30 -0.12 -0.30	26.44 -0.13 -0.09	25.49 -0.13 0.00	22.41 -0.14 0.00	20.61 -0.17 0.00	20.06 -0.24 0.00	19.98 -0.28 0.00	20.59 -0.23 0.00	23.49 -0.24 0.00	32.09 -0.32 -0.01	36.26 -0.37 -0.02	30.86 -0.34 -0.31	26.36 -0.21 -0.38	23.00 -0.35 -0.08	23.30 -0.52 0.00	22.83 -0.61 0.00
ONTARIO___LFGE 23819	24.14 -0.27 0.00	23.57 -0.21 0.00	22.77 -0.18 0.00	23.61 -0.17 0.00	25.16 -0.13 0.00	27.78 0.08 0.00	35.32 0.18 0.00	34.19 0.58 -1.18	30.08 0.55 -0.42	27.00 0.40 -0.12	26.08 0.46 0.00	22.92 0.38 0.00	21.03 0.25 0.00	20.37 0.06 0.00	20.28 0.02 0.00	20.99 0.17 0.00	24.02 0.29 0.00	32.92 0.36 -0.16	37.01 0.29 -0.11	31.44 0.12 -0.43	26.80 0.08 -0.53	23.33 -0.05 -0.12	23.54 -0.28 0.00	23.02 -0.42 0.00
ORANGEVILLE_WT_PWR 323706	22.09 -2.32 0.00	21.79 -2.00 0.00	21.14 -1.81 0.00	21.87 -1.90 0.00	23.16 -2.12 0.00	25.75 -1.94 0.00	32.37 -2.78 0.00	31.21 -2.37 -1.15	27.40 -2.12 -0.41	24.75 -1.85 -0.12	24.16 -1.46 0.00	21.55 -0.99 0.00	19.82 -0.96 0.00	19.13 -1.18 0.00	18.91 -1.36 0.00	19.64 -1.19 0.00	22.14 -1.59 0.00	29.83 -2.56 0.01	33.03 -3.59 -0.01	28.34 -2.97 -0.42	24.11 -2.59 -0.52	21.07 -2.30 -0.11	21.34 -2.48 0.00	20.87 -2.58 0.00
ORANGEVILLE___ESR 323794	22.09 -2.32 0.00	21.79 -2.00 0.00	21.14 -1.81 0.00	21.87 -1.90 0.00	23.16 -2.12 0.00	25.75 -1.94 0.00	32.37 -2.78 0.00	31.21 -2.37 -1.15	27.40 -2.12 -0.41	24.75 -1.85 -0.12	24.16 -1.46 0.00	21.55 -0.99 0.00	19.82 -0.96 0.00	19.13 -1.18 0.00	18.91 -1.36 0.00	19.64 -1.19 0.00	22.14 -1.59 0.00	29.83 -2.56 0.01	33.03 -3.59 -0.01	28.34 -2.97 -0.42	24.11 -2.59 -0.52	21.07 -2.30 -0.11	21.34 -2.48 0.00	20.87 -2.58 0.00
OSWEGATCHIE___HYD 24044	23.62 -0.78 0.00	23.15 -0.64 0.00	22.38 -0.57 0.00	23.30 -0.48 0.00	24.86 -0.43 0.00	27.33 -0.36 0.00	34.44 -0.70 0.00	31.91 -0.71 -0.20	28.52 -0.67 -0.07	25.79 -0.71 -0.02	25.00 -0.62 0.00	21.89 -0.65 0.00	20.17 -0.60 0.00	19.76 -0.55 0.00	19.78 -0.49 0.00	20.24 -0.58 0.00	23.23 -0.50 0.00	31.92 -0.49 0.00	36.21 -0.40 0.00	30.50 -0.46 -0.07	25.65 -0.63 -0.09	22.63 -0.65 -0.02	23.32 -0.50 0.00	23.12 -0.33 0.00
OSWEGO___5 23606	23.50 -0.90 0.00	22.91 -0.88 0.00	22.13 -0.83 0.00	22.92 -0.86 0.00	24.38 -0.91 0.00	26.75 -0.94 0.00	33.98 -1.16 0.00	32.25 -0.81 -0.64	28.61 -0.73 -0.23	25.89 -0.66 -0.07	24.95 -0.67 0.00	21.96 -0.59 0.00	20.22 -0.56 0.00	19.70 -0.61 0.00	19.64 -0.63 0.00	20.22 -0.60 0.00	23.04 -0.69 0.00	31.43 -0.97 0.00	35.52 -1.10 -0.01	30.19 -0.93 -0.23	25.67 -0.81 -0.29	22.56 -0.77 -0.06	22.92 -0.91 0.00	22.48 -0.96 0.00
OSWEGO___6 23613	23.50 -0.90 0.00	22.91 -0.88 0.00	22.13 -0.83 0.00	22.92 -0.86 0.00	24.38 -0.91 0.00	26.75 -0.94 0.00	33.98 -1.16 0.00	32.25 -0.81 -0.64	28.61 -0.73 -0.23	25.89 -0.66 -0.07	24.95 -0.67 0.00	21.96 -0.59 0.00	20.22 -0.56 0.00	19.70 -0.61 0.00	19.64 -0.63 0.00	20.22 -0.60 0.00	23.04 -0.69 0.00	31.43 -0.97 0.00	35.52 -1.10 -0.01	30.19 -0.93 -0.23	25.67 -0.81 -0.29	22.56 -0.77 -0.06	22.92 -0.91 0.00	22.48 -0.96 0.00
OUTOKUMPU-AB___DRP 24206	22.26 -2.15 0.00	21.88 -1.90 0.00	21.19 -1.77 0.00	21.88 -1.90 0.00	23.14 -2.15 0.00	25.62 -2.08 0.00	32.16 -2.99 0.00	31.18 -2.37 -1.12	27.39 -2.13 -0.40	24.72 -1.88 -0.12	23.95 -1.66 0.00	21.39 -1.15 0.00	19.66 -1.12 0.00	18.96 -1.34 0.00	18.76 -1.50 0.00	19.45 -1.37 0.00	21.95 -1.78 0.00	29.61 -2.79 0.01	32.77 -3.84 -0.01	28.30 -3.00 -0.41	24.62 -2.07 -0.50	21.12 -2.26 -0.11	21.42 -2.41 0.00	20.89 -2.56 0.00
OXBOW___BTM 323836	21.99 -2.42 0.00	21.62 -2.16 0.00	20.91 -2.04 0.00	21.61 -2.16 0.00	22.83 -2.45 0.00	25.26 -2.44 0.00	31.70 -3.44 0.00	30.86 -2.69 -1.12	27.10 -2.42 -0.40	24.46 -2.14 -0.12	23.62 -2.00 0.00	21.10 -1.44 0.00	19.39 -1.39 0.00	18.72 -1.58 0.00	18.52 -1.74 0.00	19.20 -1.62 0.00	21.64 -2.09 0.00	29.15 -3.24 0.01	32.48 -4.14 -0.01	28.02 -3.27 -0.41	23.89 -2.80 -0.50	20.93 -2.44 -0.11	21.13 -2.69 0.00	20.65 -2.79 0.00



OXBOW____ 24026	21.99 -2.42 0.00	21.62 -2.16 0.00	20.91 -2.04 0.00	21.61 -2.16 0.00	22.83 -2.45 0.00	25.26 -2.44 0.00	31.70 -3.44 0.00	30.84 -2.69 -1.11	27.09 -2.42 -0.40	24.45 -2.15 -0.12	23.62 -2.00 0.00	21.10 -1.44 0.00	19.39 -1.39 0.00	18.72 -1.58 0.00	18.52 -1.74 0.00	19.20 -1.62 0.00	21.64 -2.09 0.00	29.15 -3.24 0.01	32.37 -4.25 -0.01	28.02 -3.27 -0.40	24.38 -2.30 -0.50	20.93 -2.44 -0.11	21.15 -2.67 0.00	20.65 -2.79 0.00
OXY_CHEM_DSASP 323612	21.70 -2.71 0.00	21.34 -2.45 0.00	20.66 -2.30 0.00	21.33 -2.45 0.00	22.50 -2.78 0.00	24.90 -2.80 0.00	31.17 -3.97 0.00	30.42 -3.11 -1.11	26.74 -2.77 -0.39	24.14 -2.46 -0.12	23.23 -2.38 0.00	20.76 -1.78 0.00	19.07 -1.70 0.00	18.42 -1.89 0.00	18.24 -2.03 0.00	18.91 -1.92 0.00	21.29 -2.44 0.00	28.67 -3.73 0.01	31.86 -4.76 -0.01	27.65 -3.64 -0.40	24.12 -2.57 -0.49	20.70 -2.68 -0.11	20.87 -2.95 0.00	20.37 -3.07 0.00
OZONE_PARK_ESR 323760	26.21 1.81 0.00	25.50 1.71 0.00	24.54 1.58 0.00	25.32 1.55 0.00	26.98 1.69 0.00	29.55 1.86 0.00	38.27 3.13 0.00	42.63 3.21 -7.00	34.68 3.06 -2.51	30.72 2.83 -1.41	28.29 2.66 -0.02	26.46 2.37 -1.55	26.58 2.10 -3.70	26.25 1.91 -4.04	25.48 1.86 -3.35	26.59 2.06 -3.70	28.68 3.34 -2.56	35.76 3.70 -0.02	40.41 3.70 -0.10	36.66 3.21 -2.56	32.06 2.72 -3.15	26.33 2.35 -0.72	26.08 2.24 -0.02	25.20 1.76 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	21.70 -2.71 0.00	21.34 -2.45 0.00	20.66 -2.30 0.00	21.33 -2.45 0.00	22.50 -2.78 0.00	24.90 -2.80 0.00	31.17 -3.97 0.00	30.42 -3.11 -1.11	26.74 -2.77 -0.39	24.14 -2.46 -0.12	23.23 -2.38 0.00	20.76 -1.78 0.00	19.07 -1.70 0.00	18.42 -1.89 0.00	18.24 -2.03 0.00	18.91 -1.92 0.00	21.29 -2.44 0.00	28.67 -3.73 0.01	31.86 -4.76 -0.01	27.65 -3.64 -0.40	24.12 -2.57 -0.49	20.70 -2.68 -0.11	20.87 -2.95 0.00	20.37 -3.07 0.00
PACKARD__115KV_DUPONT_184 80571	21.70 -2.71 0.00	21.34 -2.45 0.00	20.66 -2.30 0.00	21.33 -2.45 0.00	22.50 -2.78 0.00	24.90 -2.80 0.00	31.17 -3.97 0.00	30.42 -3.11 -1.11	26.74 -2.77 -0.39	24.14 -2.46 -0.12	23.23 -2.38 0.00	20.76 -1.78 0.00	19.07 -1.70 0.00	18.42 -1.89 0.00	18.24 -2.03 0.00	18.91 -1.92 0.00	21.29 -2.44 0.00	28.67 -3.73 0.01	31.86 -4.76 -0.01	27.65 -3.64 -0.40	24.12 -2.57 -0.49	20.70 -2.68 -0.11	20.87 -2.95 0.00	20.37 -3.07 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	26.04 1.64 0.00	25.28 1.50 0.00	24.31 1.35 0.00	25.06 1.28 0.00	26.73 1.44 0.00	29.11 1.41 0.00	37.67 2.53 0.00	42.11 2.69 -7.00	34.27 2.65 -2.51	29.70 2.46 -0.75	27.91 2.28 -0.02	24.62 2.03 -0.05	22.73 1.81 -0.14	22.10 1.64 -0.15	21.97 1.58 -0.13	22.75 1.79 -0.14	25.91 2.09 -0.09	35.30 2.88 -0.02	39.86 3.15 -0.10	36.17 2.88 -2.56	31.65 2.30 -3.15	26.05 2.09 -0.69	25.79 1.95 -0.02	24.94 1.50 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	26.33 1.93 0.00	25.57 1.78 0.00	24.59 1.63 0.00	25.35 1.57 0.00	27.03 1.74 0.00	29.41 1.72 0.00	38.09 2.95 0.00	42.50 3.08 -7.00	34.59 2.97 -2.51	29.94 2.70 -0.75	28.17 2.54 -0.02	24.83 2.23 -0.05	22.91 1.99 -0.14	22.29 1.83 -0.15	22.17 1.78 -0.13	22.94 1.98 -0.14	26.13 2.30 -0.09	35.63 3.21 -0.02	40.19 3.48 -0.10	36.48 3.03 -2.56	31.88 2.54 -3.15	26.26 2.30 -0.69	26.01 2.17 -0.02	25.16 1.71 0.00
PATROON__115KV_TB1 80586	25.26 0.85 0.00	24.59 0.81 0.00	23.76 0.80 0.00	24.59 0.81 0.00	26.12 0.83 0.00	28.63 0.94 0.00	36.65 1.51 0.00	42.61 1.49 -8.69	33.55 1.34 -3.10	28.61 1.22 -0.91	26.84 1.23 0.00	23.67 1.13 0.00	21.75 0.98 0.00	21.20 0.89 0.00	21.12 0.85 0.00	21.82 1.00 0.00	24.85 1.12 0.00	33.93 1.52 0.00	38.44 1.72 -0.10	35.44 1.39 -3.16	31.26 1.18 -3.89	25.16 1.05 -0.85	24.82 1.00 0.00	24.41 0.96 0.00
PATTRSNVILLE__SOLAR 323815	25.41 1.00 0.00	24.71 0.93 0.00	23.83 0.87 0.00	24.70 0.93 0.00	26.30 1.01 0.00	28.86 1.16 0.00	36.93 1.79 0.00	43.27 1.68 -9.16	33.84 1.45 -3.27	28.72 1.27 -0.96	26.84 1.23 0.00	23.56 1.02 0.00	21.63 0.85 0.00	21.08 0.77 0.00	20.99 0.73 0.00	21.70 0.87 0.00	24.82 1.09 0.00	34.06 1.65 0.00	38.62 1.90 -0.11	35.77 1.54 -3.34	31.55 1.26 -4.10	25.23 1.07 -0.89	24.85 1.02 0.00	24.24 0.80 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	23.01 -1.39 0.00	22.64 -1.14 0.00	21.90 -1.06 0.00	22.61 -1.17 0.00	23.95 -1.34 0.00	26.53 -1.16 0.00	33.98 -1.16 0.00	31.02 -2.63 -1.22	27.10 -2.45 -0.44	24.44 -2.17 -0.13	25.00 -0.61 0.00	22.32 -0.23 0.00	20.53 -0.25 0.00	19.76 -0.55 0.00	19.53 -0.73 0.00	20.28 -0.54 0.00	22.95 -0.78 0.00	30.84 -1.56 0.01	33.00 -3.62 -0.01	28.06 -3.27 -0.44	24.30 -2.44 -0.55	20.85 -2.54 -0.12	22.30 -1.52 0.00	21.92 -1.52 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	26.04 1.64 0.00	25.33 1.55 0.00	24.42 1.47 0.00	25.25 1.47 0.00	26.88 1.59 0.00	29.44 1.74 0.00	37.99 2.85 0.00	42.50 2.95 -7.13	34.33 2.68 -2.54	29.64 2.41 -0.75	27.89 2.28 0.00	24.48 1.94 0.00	22.44 1.66 0.00	21.79 1.48 0.00	21.70 1.44 0.00	22.47 1.64 0.00	25.68 1.95 0.00	35.26 2.85 0.00	39.85 3.15 -0.09	36.17 2.69 -2.60	31.71 2.33 -3.19	25.92 1.95 -0.70	25.63 1.81 0.00	24.90 1.45 0.00
PEEKSKILL____ 23653	25.87 1.46 0.00	25.12 1.33 0.00	24.19 1.24 0.00	24.99 1.21 0.00	26.60 1.31 0.00	29.16 1.47 0.00	37.60 2.46 0.00	41.89 2.56 -6.90	33.99 2.41 -2.46	29.46 2.25 -0.72	27.69 2.07 0.00	24.39 1.85 0.00	22.38 1.60 0.00	21.75 1.44 0.00	21.64 1.38 0.00	22.40 1.58 0.00	25.56 1.83 0.00	35.00 2.59 0.00	39.59 2.89 -0.08	35.90 2.50 -2.51	31.38 2.10 -3.09	25.78 1.84 -0.67	25.51 1.69 0.00	24.76 1.31 0.00
PGE MADISON__WINDPWR 24146	25.89 1.49 0.00	25.31 1.52 0.00	24.49 1.54 0.00	25.40 1.62 0.00	27.16 1.87 0.00	30.19 2.49 0.00	38.66 3.51 0.00	38.26 3.50 -2.34	33.06 3.12 -0.83	29.27 2.54 -0.25	28.23 2.61 0.00	24.53 1.98 0.00	22.40 1.62 0.00	21.70 1.40 0.00	21.68 1.42 0.00	22.53 1.71 0.00	26.13 2.40 0.00	36.11 3.69 -0.01	40.93 4.28 -0.04	34.95 3.21 -0.85	29.70 2.46 -1.05	25.42 1.93 -0.23	25.47 1.64 0.00	24.78 1.34 0.00
PIERCEFIELD__HYD 23852	23.79 -0.61 0.00	23.24 -0.55 0.00	22.40 -0.55 0.00	23.33 -0.45 0.00	24.70 -0.58 0.00	27.08 -0.61 0.00	33.84 -1.30 0.00	31.05 -1.49 -0.12	27.81 -1.34 -0.04	25.22 -1.27 -0.01	24.46 -1.15 0.00	21.53 -1.01 0.00	19.90 -0.87 0.00	19.57 -0.73 0.00	19.62 -0.65 0.00	19.97 -0.85 0.00	22.88 -0.85 0.00	31.30 -1.10 0.00	35.59 -1.03 0.00	29.97 -0.96 -0.04	25.25 -1.00 -0.05	22.51 -0.77 -0.01	23.44 -0.38 0.00	23.40 -0.05 0.00
PINELAWN_CC_1 323563	29.64 2.20 -3.03	27.79 2.05 -1.96	24.88 1.93 0.00	25.68 1.90 0.00	27.72 2.10 -0.33	31.57 2.33 -1.55	40.65 3.62 -1.89	42.99 3.57 -7.00	40.65 3.38 -8.17	34.92 3.07 -5.37	31.27 2.89 -2.76	28.54 2.55 -3.45	27.42 2.27 -4.38	26.95 2.07 -4.57	28.70 2.05 -6.39	32.95 2.27 -9.86	34.98 2.66 -8.59	41.77 3.69 -5.67	49.08 4.10 -8.37	41.96 3.52 -7.55	38.06 2.93 -8.93	36.37 2.58 -10.52	31.92 2.48 -5.62	28.74 2.06 -3.23



PJM_GEN_HTP_PROXY 323702	26.04 1.64 0.00	25.29 1.50 0.00	24.33 1.38 0.00	25.11 1.33 0.00	26.75 1.47 0.00	29.87 1.63 -0.54	37.37 2.78 0.54	42.28 2.85 -7.00	34.36 2.74 -2.51	30.42 2.54 -1.40	28.01 2.38 -0.02	26.19 2.12 -1.53	26.30 1.87 -3.65	25.97 1.68 -3.99	25.21 1.64 -3.31	26.31 1.83 -3.65	28.39 2.14 -2.52	35.37 2.95 -0.02	40.01 3.30 -0.10	35.49 2.84 -1.77	31.18 2.38 -2.60	27.44 2.12 -2.06	25.81 1.98 -0.02	24.97 1.52 0.00
PJM_GEN_KEystone 24065	24.41 0.00 0.00	23.81 0.02 0.00	23.00 0.05 0.00	23.73 -0.05 0.00	25.21 -0.08 0.00	28.26 0.03 -0.54	34.91 0.32 0.54	37.05 0.32 -4.30	30.94 0.29 -1.54	27.30 0.32 -0.50	26.08 0.46 0.00	23.21 0.56 -0.11	21.49 0.46 -0.26	20.83 0.24 -0.28	20.64 0.14 -0.23	21.41 0.33 -0.26	24.22 0.31 -0.18	32.73 0.32 0.00	36.66 0.00 -0.05	31.69 0.03 -0.77	27.60 0.03 -1.38	25.10 0.07 -1.76	23.80 -0.02 0.00	23.21 -0.23 0.00
PJM_GEN_NEPTUNE_PROXY 323594	29.29 1.85 -3.03	27.48 1.74 -1.96	24.59 1.63 0.00	25.37 1.59 0.00	27.36 1.74 -0.33	31.73 1.94 -2.10	39.58 3.09 -1.34	42.50 3.08 -7.00	40.22 2.94 -8.17	34.58 2.73 -5.37	30.92 2.54 -2.76	28.27 2.28 -3.45	27.15 1.99 -4.37	26.71 1.83 -4.57	28.41 1.76 -6.39	32.66 1.98 -9.86	34.60 2.28 -8.59	40.75 3.18 -5.16	48.06 3.52 -7.93	40.15 3.06 -6.20	36.77 2.54 -8.04	37.38 2.26 -11.86	31.57 2.12 -5.62	28.41 1.73 -3.23
PJM_GEN_VFT_PROXY 323633	25.94 1.54 0.00	25.17 1.38 0.00	24.24 1.28 0.00	25.01 1.24 0.00	26.65 1.36 0.00	29.73 1.49 -0.54	37.24 2.64 0.54	42.15 2.72 -7.00	34.27 2.65 -2.51	30.35 2.46 -1.41	27.94 2.31 -0.02	26.15 2.05 -1.55	26.29 1.81 -3.70	25.97 1.62 -4.04	25.20 1.58 -3.35	26.29 1.77 -3.70	28.35 2.06 -2.56	35.30 2.88 -0.02	39.89 3.18 -0.10	35.40 2.75 -1.77	31.13 2.33 -2.60	27.37 2.05 -2.06	25.75 1.91 -0.02	24.87 1.43 0.00
PLATSBRG_115KV_PMLD1 355749	24.23 -0.17 0.00	23.64 -0.14 0.00	22.77 -0.18 0.00	23.75 -0.02 0.00	25.29 0.00 0.00	27.75 0.06 0.00	34.83 -0.32 0.00	31.94 -0.49 0.00	28.70 -0.41 0.00	26.08 -0.40 0.00	25.13 -0.49 0.00	22.00 -0.54 0.00	20.32 -0.46 0.00	19.98 -0.32 0.00	20.10 -0.16 0.00	20.65 -0.17 0.00	24.09 0.36 0.00	33.28 0.87 0.00	37.82 1.21 0.00	31.85 0.96 0.00	26.90 0.71 0.00	23.80 0.54 0.00	24.44 0.62 0.00	24.10 0.66 0.00
PLEASANTVLY___LBMP 24000	25.72 1.32 0.00	25.02 1.24 0.00	24.13 1.17 0.00	24.92 1.14 0.00	26.53 1.24 0.00	29.08 1.38 0.00	37.43 2.28 0.00	42.11 2.30 -7.38	33.93 2.18 -2.63	29.27 2.01 -0.78	27.51 1.90 0.00	24.21 1.67 0.00	22.23 1.45 0.00	21.62 1.32 0.00	21.54 1.28 0.00	22.26 1.44 0.00	25.42 1.68 0.00	34.77 2.37 0.00	39.26 2.56 -0.09	35.80 2.22 -2.69	31.41 1.91 -3.31	25.66 1.68 -0.72	25.37 1.55 0.00	24.66 1.22 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	25.87 1.46 0.00	25.17 1.38 0.00	24.26 1.31 0.00	25.06 1.28 0.00	26.70 1.42 0.00	29.24 1.55 0.00	37.74 2.60 0.00	42.15 2.66 -7.07	34.14 2.50 -2.52	29.55 2.33 -0.74	27.79 2.18 0.00	24.46 1.92 0.00	22.46 1.68 0.00	21.83 1.52 0.00	21.74 1.48 0.00	22.47 1.64 0.00	25.65 1.92 0.00	35.13 2.72 0.00	39.66 2.97 -0.08	36.06 2.59 -2.57	31.56 2.20 -3.17	25.86 1.91 -0.69	25.61 1.79 0.00	24.85 1.41 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	25.87 1.46 0.00	25.17 1.38 0.00	24.26 1.31 0.00	25.06 1.28 0.00	26.70 1.42 0.00	29.24 1.55 0.00	37.74 2.60 0.00	42.15 2.66 -7.07	34.14 2.50 -2.52	29.55 2.33 -0.74	27.79 2.18 0.00	24.46 1.92 0.00	22.46 1.68 0.00	21.83 1.52 0.00	21.74 1.48 0.00	22.47 1.64 0.00	25.65 1.92 0.00	35.13 2.72 0.00	39.66 2.97 -0.08	36.06 2.59 -2.57	31.56 2.20 -3.17	25.86 1.91 -0.69	25.61 1.79 0.00	24.85 1.41 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	25.87 1.46 0.00	25.17 1.38 0.00	24.29 1.33 0.00	25.11 1.33 0.00	26.73 1.44 0.00	29.30 1.61 0.00	37.71 2.57 0.00	42.21 2.56 -7.23	34.05 2.36 -2.58	29.36 2.12 -0.76	27.61 2.00 0.00	24.28 1.74 0.00	22.25 1.48 0.00	21.64 1.34 0.00	21.56 1.30 0.00	22.30 1.48 0.00	25.51 1.78 0.00	34.96 2.56 0.00	39.52 2.82 -0.09	35.93 2.41 -2.63	31.47 2.04 -3.23	25.72 1.74 -0.71	25.44 1.62 0.00	24.78 1.34 0.00
POLETTI____ 23519	25.97 1.56 0.00	25.26 1.47 0.00	24.31 1.35 0.00	25.09 1.31 0.00	26.73 1.44 0.00	29.27 1.58 0.00	37.85 2.71 0.00	42.21 2.79 -7.00	34.30 2.68 -2.51	30.38 2.49 -1.41	27.99 2.36 -0.02	26.19 2.10 -1.55	26.33 1.85 -3.70	26.01 1.66 -4.04	25.24 1.62 -3.35	26.34 1.81 -3.70	28.38 2.09 -2.56	35.34 2.92 -0.02	39.90 3.19 -0.10	36.23 2.78 -2.56	31.72 2.38 -3.15	26.05 2.07 -0.72	25.82 1.98 -0.02	24.97 1.52 0.00
POMONA___ESR 323819	25.84 1.44 0.00	25.09 1.31 0.00	24.19 1.24 0.00	24.97 1.19 0.00	26.60 1.31 0.00	29.13 1.44 0.00	37.60 2.46 0.00	41.71 2.53 -6.76	33.88 2.36 -2.41	29.39 2.20 -0.71	27.64 2.02 0.00	24.35 1.80 0.00	22.36 1.58 0.00	21.70 1.40 0.00	21.60 1.34 0.00	22.36 1.54 0.00	25.53 1.80 0.00	34.96 2.56 0.00	39.55 2.86 -0.08	35.82 2.47 -2.46	31.29 2.07 -3.03	25.74 1.82 -0.66	25.49 1.67 0.00	24.73 1.29 0.00
PORT_JEFF_3 23555	29.76 2.32 -3.03	27.96 2.21 -1.96	25.04 2.09 0.00	25.85 2.07 0.00	27.90 2.28 -0.33	31.74 2.49 -1.55	40.93 3.90 -1.89	43.31 3.79 -7.09	40.86 3.58 -8.17	35.06 3.20 -5.37	31.43 3.05 -2.76	28.65 2.66 -3.45	27.50 2.35 -4.37	27.03 2.15 -4.57	28.78 2.13 -6.39	33.09 2.41 -9.86	35.12 2.80 -8.59	50.26 3.82 -14.04	56.44 4.21 -15.62	51.11 3.61 -16.61	45.78 3.01 -16.58	36.62 2.72 -10.64	32.09 2.64 -5.62	28.93 2.25 -3.23
PORT_JEFF_4 23616	29.76 2.32 -3.03	27.96 2.21 -1.96	25.04 2.09 0.00	25.85 2.07 0.00	27.90 2.28 -0.33	31.74 2.49 -1.55	40.93 3.90 -1.89	43.31 3.79 -7.09	40.86 3.58 -8.17	35.06 3.20 -5.37	31.43 3.05 -2.76	28.65 2.66 -3.45	27.50 2.35 -4.37	27.03 2.15 -4.57	28.78 2.13 -6.39	33.09 2.41 -9.86	35.12 2.80 -8.59	50.26 3.82 -14.04	56.44 4.21 -15.62	51.11 3.61 -16.61	45.78 3.01 -16.58	36.62 2.72 -10.64	32.09 2.64 -5.62	28.93 2.25 -3.23
PORT_JEFF_IC 23713	29.73 2.29 -3.03	27.98 2.24 -1.96	25.04 2.09 0.00	25.85 2.07 0.00	27.90 2.28 -0.33	31.77 2.52 -1.55	40.93 3.90 -1.89	43.34 3.83 -7.10	40.89 3.61 -8.17	35.08 3.23 -5.37	31.45 3.07 -2.76	28.68 2.68 -3.45	27.50 2.35 -4.37	27.05 2.17 -4.57	28.80 2.15 -6.39	33.09 2.42 -9.86	35.14 2.82 -8.59	50.70 3.86 -14.44	56.80 4.21 -15.97	51.61 3.68 -17.05	46.23 3.09 -16.94	36.63 2.72 -10.64	32.09 2.64 -5.62	28.93 2.25 -3.23
PPL PILGRIM_ST_GT1 24216	29.78 2.34 -3.03	27.98 2.24 -1.96	25.04 2.09 0.00	25.85 2.07 0.00	27.90 2.28 -0.33	31.77 2.52 -1.55	40.93 3.90 -1.89	43.19 3.76 -7.00	40.89 3.61 -8.17	35.11 3.26 -5.37	31.45 3.07 -2.76	28.70 2.70 -3.45	27.54 2.39 -4.37	27.09 2.21 -4.57	28.82 2.17 -6.39	33.11 2.43 -9.86	35.14 2.82 -8.59	42.22 3.82 -5.99	49.47 4.21 -8.65	42.40 3.61 -7.90	38.49 3.01 -9.29	36.49 2.70 -10.53	32.09 2.64 -5.62	28.91 2.23 -3.23



PPL PILGRIM_ST_GT2 24217	29.78 2.34 -3.03	27.98 2.24 -1.96	25.04 2.09 0.00	25.85 2.07 0.00	27.90 2.28 -0.33	31.77 2.52 -1.55	40.93 3.90 -1.89	43.19 3.76 -7.00	40.89 3.61 -8.17	35.11 3.26 -5.37	31.45 3.07 -2.76	28.70 2.70 -3.45	27.54 2.39 -4.37	27.09 2.21 -4.57	28.82 2.17 -6.39	33.11 2.43 -9.86	35.14 2.82 -8.59	42.22 3.82 -5.99	49.47 4.21 -8.65	42.40 3.61 -7.90	38.49 3.01 -9.29	36.49 2.70 -10.53	32.09 2.64 -5.62	28.91 2.23 -3.23
PPL_SHRM_GT3 24213	29.78 2.34 -3.03	28.03 2.28 -1.96	25.09 2.14 0.00	25.89 2.12 0.00	27.95 2.32 -0.33	31.77 2.52 -1.55	40.93 3.90 -1.89	43.34 3.82 -7.09	40.86 3.58 -8.17	35.03 3.18 -5.37	31.43 3.05 -2.76	28.65 2.66 -3.45	27.46 2.31 -4.37	26.99 2.11 -4.57	28.78 2.13 -6.39	33.09 2.41 -9.86	35.17 2.85 -8.59	50.14 3.85 -13.89	56.31 4.21 -15.49	50.94 3.61 -16.44	45.67 3.04 -16.44	36.67 2.77 -10.64	32.11 2.67 -5.62	29.00 2.32 -3.23
PPL_SHRM_GT4 24214	29.78 2.34 -3.03	28.03 2.28 -1.96	25.09 2.14 0.00	25.89 2.12 0.00	27.95 2.32 -0.33	31.77 2.52 -1.55	40.93 3.90 -1.89	43.34 3.82 -7.09	40.86 3.58 -8.17	35.03 3.18 -5.37	31.43 3.05 -2.76	28.65 2.66 -3.45	27.46 2.31 -4.37	26.99 2.11 -4.57	28.78 2.13 -6.39	33.09 2.41 -9.86	35.17 2.85 -8.59	50.14 3.85 -13.89	56.31 4.21 -15.49	50.94 3.61 -16.44	45.67 3.04 -16.44	36.67 2.77 -10.64	32.11 2.67 -5.62	29.00 2.32 -3.23
PROJECT___ORANGE 1 24174	23.75 -0.66 0.00	23.14 -0.64 0.00	22.36 -0.60 0.00	23.16 -0.62 0.00	24.65 -0.63 0.00	27.06 -0.64 0.00	34.37 -0.77 0.00	32.80 -0.39 -0.77	29.09 -0.29 -0.27	26.30 -0.26 -0.08	25.36 -0.26 0.00	22.32 -0.23 0.00	20.51 -0.27 0.00	19.96 -0.35 0.00	19.90 -0.36 0.00	20.49 -0.33 0.00	23.35 -0.38 0.00	31.82 -0.58 0.00	35.93 -0.70 -0.01	30.58 -0.59 -0.28	26.14 -0.39 -0.34	22.87 -0.47 -0.07	23.18 -0.64 0.00	22.69 -0.75 0.00
PROJECT___ORANGE 2 24166	23.75 -0.66 0.00	23.14 -0.64 0.00	22.36 -0.60 0.00	23.16 -0.62 0.00	24.65 -0.63 0.00	27.06 -0.64 0.00	34.37 -0.77 0.00	32.80 -0.39 -0.77	29.09 -0.29 -0.27	26.30 -0.26 -0.08	25.36 -0.26 0.00	22.32 -0.23 0.00	20.51 -0.27 0.00	19.96 -0.35 0.00	19.90 -0.36 0.00	20.49 -0.33 0.00	23.35 -0.38 0.00	31.82 -0.58 0.00	35.93 -0.70 -0.01	30.58 -0.59 -0.28	26.14 -0.39 -0.34	22.87 -0.47 -0.07	23.18 -0.64 0.00	22.69 -0.75 0.00
PUCKETT___SOLAR 323809	24.89 0.49 0.00	24.29 0.50 0.00	23.46 0.50 0.00	24.30 0.52 0.00	25.89 0.61 0.00	28.52 0.83 0.00	36.44 1.30 0.00	36.20 1.30 -2.47	31.07 1.08 -0.88	27.59 0.85 -0.26	26.54 0.92 0.00	23.28 0.74 0.00	21.36 0.58 0.00	20.71 0.41 0.00	20.65 0.38 0.00	21.40 0.58 0.00	24.54 0.81 0.00	33.68 1.26 -0.01	38.00 1.36 -0.04	32.78 0.99 -0.90	28.06 0.76 -1.11	24.11 0.60 -0.24	24.27 0.45 0.00	23.75 0.30 0.00
PYRITES___HYD 24023	24.26 -0.15 0.00	23.69 -0.10 0.00	22.86 -0.09 0.00	23.78 0.00 0.00	25.19 -0.10 0.00	27.64 -0.06 0.00	34.62 -0.53 0.00	31.68 -0.75 0.00	28.41 -0.70 0.00	25.77 -0.72 0.00	25.05 -0.56 0.00	21.96 -0.59 0.00	20.30 -0.48 0.00	19.94 -0.37 0.00	19.98 -0.28 0.00	20.34 -0.48 0.00	23.33 -0.40 0.00	31.95 -0.45 0.00	36.36 -0.26 0.00	30.52 -0.37 0.00	25.69 -0.50 0.00	22.89 -0.37 0.00	23.80 -0.02 0.00	23.77 0.33 0.00
QUAKERRD_115KV_BK1 80622	22.60 -1.81 0.00	22.10 -1.69 0.00	21.35 -1.61 0.00	22.11 -1.66 0.00	23.47 -1.82 0.00	25.89 -1.80 0.00	32.79 -2.35 0.00	31.91 -1.46 -0.95	28.11 -1.34 -0.34	25.36 -1.22 -0.10	24.26 -1.36 0.00	21.44 -1.10 0.00	19.68 -1.10 0.00	19.11 -1.20 0.00	19.01 -1.26 0.00	19.63 -1.19 0.00	22.31 -1.42 0.00	30.37 -2.01 0.03	34.30 -2.31 0.01	29.44 -1.79 -0.34	25.28 -1.34 -0.42	21.92 -1.44 -0.09	22.01 -1.81 0.00	21.48 -1.97 0.00
QUENSBRY_115KV_TB8 356137	25.80 1.39 0.00	25.07 1.28 0.00	24.15 1.19 0.00	25.13 1.36 0.00	26.75 1.47 0.00	29.38 1.69 0.00	37.67 2.53 0.00	43.69 2.37 -8.90	34.21 1.92 -3.17	29.06 1.64 -0.93	27.31 1.69 0.00	23.85 1.31 0.00	21.80 1.02 0.00	21.26 0.95 0.00	21.14 0.87 0.00	21.90 1.08 0.00	25.13 1.40 0.00	34.64 2.24 0.00	39.46 2.75 -0.11	36.23 2.10 -3.24	31.93 1.75 -3.98	25.51 1.37 -0.87	25.16 1.33 0.00	24.45 1.01 0.00
RAMAPO___LBMP 323565	25.70 1.29 0.00	25.02 1.24 0.00	24.13 1.17 0.00	24.90 1.12 0.00	26.50 1.21 0.00	29.05 1.36 0.00	37.43 2.28 0.00	41.53 2.37 -6.74	33.76 2.24 -2.40	29.28 2.09 -0.71	27.54 1.92 0.00	24.25 1.71 0.00	22.27 1.50 0.00	21.62 1.32 0.00	21.54 1.28 0.00	22.28 1.46 0.00	25.44 1.71 0.00	34.80 2.40 0.00	39.33 2.64 -0.08	35.66 2.32 -2.45	31.17 1.96 -3.02	25.64 1.72 -0.66	25.39 1.57 0.00	24.66 1.22 0.00
RANKINE____ 23646	22.57 -1.83 0.00	22.22 -1.57 0.00	21.51 -1.45 0.00	22.23 -1.55 0.00	23.52 -1.77 0.00	26.06 -1.63 0.00	32.75 -2.39 0.00	31.39 -2.20 -1.17	27.52 -2.01 -0.42	24.86 -1.75 -0.12	24.36 -1.26 0.00	21.75 -0.79 0.00	19.99 -0.79 0.00	19.27 -1.04 0.00	19.07 -1.20 0.00	19.78 -1.04 0.00	22.31 -1.42 0.00	30.06 -2.33 0.01	33.07 -3.55 -0.01	28.47 -2.84 -0.43	24.72 -1.99 -0.52	21.19 -2.19 -0.11	21.70 -2.12 0.00	21.22 -2.23 0.00
RAVENSWOOD_GT2_1 24244	26.02 1.61 0.00	25.28 1.50 0.00	24.36 1.40 0.00	25.13 1.36 0.00	26.78 1.49 0.00	29.30 1.61 0.00	37.88 2.74 0.00	42.27 2.85 -7.00	34.36 2.74 -2.51	30.44 2.54 -1.42	28.01 2.38 -0.02	26.23 2.12 -1.57	26.39 1.87 -3.74	26.09 1.71 -4.08	25.29 1.64 -3.38	26.39 1.83 -3.74	28.45 2.14 -2.58	35.40 2.98 -0.02	39.97 3.26 -0.10	36.29 2.84 -2.56	31.75 2.41 -3.15	26.10 2.12 -0.72	25.82 1.98 -0.02	24.97 1.52 0.00
RAVENSWOOD_GT2_2 24245	26.02 1.61 0.00	25.28 1.50 0.00	24.36 1.40 0.00	25.13 1.36 0.00	26.78 1.49 0.00	29.30 1.61 0.00	37.88 2.74 0.00	42.27 2.85 -7.00	34.36 2.74 -2.51	30.44 2.54 -1.42	28.01 2.38 -0.02	26.23 2.12 -1.57	26.39 1.87 -3.74	26.09 1.71 -4.08	25.29 1.64 -3.38	26.39 1.83 -3.74	28.45 2.14 -2.58	35.40 2.98 -0.02	39.97 3.26 -0.10	36.29 2.84 -2.56	31.75 2.41 -3.15	26.10 2.12 -0.72	25.82 1.98 -0.02	24.97 1.52 0.00
RAVENSWOOD_GT2_3 24246	26.02 1.61 0.00	25.28 1.50 0.00	24.36 1.40 0.00	25.13 1.36 0.00	26.78 1.49 0.00	29.33 1.63 0.00	37.92 2.78 0.00	42.27 2.85 -7.00	34.36 2.74 -2.51	30.44 2.54 -1.42	28.01 2.38 -0.02	26.23 2.12 -1.57	26.39 1.87 -3.75	26.10 1.71 -4.09	25.30 1.64 -3.39	26.40 1.83 -3.75	28.46 2.14 -2.59	35.40 2.98 -0.02	39.97 3.26 -0.10	36.29 2.84 -2.56	31.75 2.41 -3.15	26.10 2.12 -0.72	25.82 1.98 -0.02	24.99 1.55 0.00
RAVENSWOOD_GT2_4 24247	26.02 1.61 0.00	25.28 1.50 0.00	24.36 1.40 0.00	25.13 1.36 0.00	26.78 1.49 0.00	29.33 1.63 0.00	37.92 2.78 0.00	42.27 2.85 -7.00	34.36 2.74 -2.51	30.44 2.54 -1.42	28.01 2.38 -0.02	26.23 2.12 -1.57	26.39 1.87 -3.75	26.10 1.71 -4.09	25.30 1.64 -3.39	26.40 1.83 -3.75	28.46 2.14 -2.59	35.40 2.98 -0.02	39.97 3.26 -0.10	36.29 2.84 -2.56	31.75 2.41 -3.15	26.10 2.12 -0.72	25.82 1.98 -0.02	24.99 1.55 0.00



RAVENSWOOD_GT3_1 24248	26.02 1.61 0.00	25.28 1.50 0.00	24.36 1.40 0.00	25.13 1.36 0.00	26.78 1.49 0.00	29.30 1.61 0.00	37.92 2.78 0.00	42.27 2.85 -7.00	34.36 2.74 -2.51	30.44 2.54 -1.42	28.01 2.38 -0.02	26.23 2.12 -1.57	26.39 1.87 -3.74	26.09 1.71 -4.08	25.29 1.64 -3.38	26.39 1.83 -3.74	28.45 2.14 -2.58	35.40 2.98 -0.02	39.97 3.26 -0.10	36.29 2.84 -2.56	31.75 2.41 -3.15	26.10 2.12 -0.72	25.82 1.98 -0.02	24.99 1.55 0.00
RAVENSWOOD_GT3_2 24249	26.02 1.61 0.00	25.28 1.50 0.00	24.36 1.40 0.00	25.13 1.36 0.00	26.78 1.49 0.00	29.30 1.61 0.00	37.92 2.78 0.00	42.27 2.85 -7.00	34.36 2.74 -2.51	30.44 2.54 -1.42	28.01 2.38 -0.02	26.23 2.12 -1.57	26.39 1.87 -3.74	26.09 1.71 -4.08	25.29 1.64 -3.38	26.39 1.83 -3.74	28.45 2.14 -2.58	35.40 2.98 -0.02	39.97 3.26 -0.10	36.29 2.84 -2.56	31.75 2.41 -3.15	26.10 2.12 -0.72	25.82 1.98 -0.02	24.99 1.55 0.00
RAVENSWOOD_GT3_3 24250	26.04 1.64 0.00	25.31 1.52 0.00	24.38 1.42 0.00	25.16 1.38 0.00	26.80 1.52 0.00	29.33 1.63 0.00	37.95 2.81 0.00	42.31 2.89 -7.00	34.42 2.79 -2.51	30.49 2.60 -1.42	28.04 2.41 -0.02	26.28 2.16 -1.57	26.43 1.91 -3.74	26.11 1.73 -4.08	25.33 1.68 -3.38	26.44 1.87 -3.74	28.47 2.16 -2.58	35.43 3.01 -0.02	40.01 3.30 -0.10	36.32 2.87 -2.56	31.80 2.46 -3.15	26.12 2.14 -0.72	25.86 2.02 -0.02	25.02 1.57 0.00
RAVENSWOOD_GT3_4 24251	26.04 1.64 0.00	25.31 1.52 0.00	24.38 1.42 0.00	25.16 1.38 0.00	26.80 1.52 0.00	29.33 1.63 0.00	37.95 2.81 0.00	42.31 2.89 -7.00	34.42 2.79 -2.51	30.49 2.60 -1.42	28.04 2.41 -0.02	26.28 2.16 -1.57	26.43 1.91 -3.74	26.11 1.73 -4.08	25.33 1.68 -3.38	26.44 1.87 -3.74	28.47 2.16 -2.58	35.43 3.01 -0.02	40.01 3.30 -0.10	36.32 2.87 -2.56	31.80 2.46 -3.15	26.12 2.14 -0.72	25.86 2.02 -0.02	25.02 1.57 0.00
RAVENSWOOD_GT_1 23729	26.11 1.71 0.00	25.38 1.59 0.00	24.40 1.45 0.00	25.18 1.40 0.00	26.85 1.57 0.00	29.27 1.58 0.00	37.88 2.74 0.00	42.31 2.89 -7.00	34.45 2.82 -2.51	30.49 2.60 -1.42	28.06 2.43 -0.02	26.28 2.16 -1.57	26.45 1.93 -3.74	26.15 1.77 -4.08	25.35 1.70 -3.38	26.46 1.89 -3.74	28.52 2.21 -2.58	35.50 3.08 -0.02	40.08 3.37 -0.10	36.35 2.90 -2.56	31.80 2.46 -3.15	26.19 2.21 -0.72	25.91 2.07 -0.02	25.04 1.59 0.00
RAVENSWOOD_GT_10 24258	26.02 1.61 0.00	25.28 1.50 0.00	24.36 1.40 0.00	25.13 1.36 0.00	26.78 1.49 0.00	29.30 1.61 0.00	37.92 2.78 0.00	42.27 2.85 -7.00	34.36 2.74 -2.51	30.44 2.54 -1.42	28.01 2.38 -0.02	26.23 2.12 -1.57	26.39 1.87 -3.74	26.09 1.71 -4.08	25.29 1.64 -3.38	26.39 1.83 -3.74	28.45 2.14 -2.58	35.40 2.98 -0.02	39.97 3.26 -0.10	36.29 2.84 -2.56	31.75 2.41 -3.15	26.10 2.12 -0.72	25.84 2.00 -0.02	24.99 1.55 0.00
RAVENSWOOD_GT_11 24259	26.02 1.61 0.00	25.28 1.50 0.00	24.36 1.40 0.00	25.13 1.36 0.00	26.78 1.49 0.00	29.30 1.61 0.00	37.92 2.78 0.00	42.27 2.85 -7.00	34.36 2.74 -2.51	30.44 2.54 -1.42	28.01 2.38 -0.02	26.23 2.12 -1.57	26.39 1.87 -3.74	26.09 1.71 -4.08	25.29 1.64 -3.38	26.39 1.83 -3.74	28.45 2.14 -2.58	35.40 2.98 -0.02	39.97 3.26 -0.10	36.29 2.84 -2.56	31.75 2.41 -3.15	26.10 2.12 -0.72	25.84 2.00 -0.02	24.99 1.55 0.00
RAVENSWOOD_GT_4 24252	25.99 1.59 0.00	25.28 1.50 0.00	24.33 1.38 0.00	25.11 1.33 0.00	26.75 1.47 0.00	29.33 1.63 0.00	37.92 2.78 0.00	42.27 2.85 -7.00	34.36 2.74 -2.51	30.44 2.54 -1.42	28.01 2.38 -0.02	26.23 2.12 -1.57	26.39 1.87 -3.74	26.07 1.69 -4.08	25.29 1.64 -3.38	26.39 1.83 -3.74	28.43 2.11 -2.58	35.40 2.98 -0.02	39.97 3.26 -0.10	36.29 2.84 -2.56	31.75 2.41 -3.15	26.08 2.09 -0.72	25.82 1.98 -0.02	24.97 1.52 0.00
RAVENSWOOD_GT_5 24254	25.99 1.59 0.00	25.28 1.50 0.00	24.33 1.38 0.00	25.11 1.33 0.00	26.75 1.47 0.00	29.33 1.63 0.00	37.92 2.78 0.00	42.27 2.85 -7.00	34.36 2.74 -2.51	30.44 2.54 -1.42	28.01 2.38 -0.02	26.23 2.12 -1.57	26.39 1.87 -3.74	26.07 1.69 -4.08	25.29 1.64 -3.38	26.39 1.83 -3.74	28.43 2.11 -2.58	35.40 2.98 -0.02	39.97 3.26 -0.10	36.29 2.84 -2.56	31.75 2.41 -3.15	26.08 2.09 -0.72	25.82 1.98 -0.02	24.97 1.52 0.00
RAVENSWOOD_GT_6 24253	25.99 1.59 0.00	25.28 1.50 0.00	24.33 1.38 0.00	25.11 1.33 0.00	26.75 1.47 0.00	29.33 1.63 0.00	37.92 2.78 0.00	42.27 2.85 -7.00	34.36 2.74 -2.51	30.44 2.54 -1.42	28.01 2.38 -0.02	26.23 2.12 -1.57	26.39 1.87 -3.74	26.07 1.69 -4.08	25.29 1.64 -3.38	26.39 1.83 -3.74	28.43 2.11 -2.58	35.40 2.98 -0.02	39.97 3.26 -0.10	36.29 2.84 -2.56	31.75 2.41 -3.15	26.08 2.09 -0.72	25.82 1.98 -0.02	24.97 1.52 0.00
RAVENSWOOD_GT_7 24255	25.99 1.59 0.00	25.28 1.50 0.00	24.33 1.38 0.00	25.11 1.33 0.00	26.75 1.47 0.00	29.33 1.63 0.00	37.92 2.78 0.00	42.27 2.85 -7.00	34.36 2.74 -2.51	30.44 2.54 -1.42	28.01 2.38 -0.02	26.23 2.12 -1.57	26.39 1.87 -3.74	26.07 1.69 -4.08	25.29 1.64 -3.38	26.39 1.83 -3.74	28.43 2.11 -2.58	35.40 2.98 -0.02	39.97 3.26 -0.10	36.29 2.84 -2.56	31.75 2.41 -3.15	26.08 2.09 -0.72	25.82 1.98 -0.02	24.97 1.52 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	26.02 1.61 0.00	25.28 1.50 0.00	24.36 1.40 0.00	25.13 1.36 0.00	26.78 1.49 0.00	29.30 1.61 0.00	37.92 2.78 0.00	42.27 2.85 -7.00	34.36 2.74 -2.51	30.44 2.54 -1.42	28.01 2.38 -0.02	26.23 2.12 -1.57	26.39 1.87 -3.74	26.09 1.71 -4.08	25.29 1.64 -3.38	26.39 1.83 -3.74	28.45 2.14 -2.58	35.40 2.98 -0.02	39.97 3.26 -0.10	36.29 2.84 -2.56	31.75 2.41 -3.15	26.10 2.12 -0.72	25.84 2.00 -0.02	24.99 1.55 0.00
RAVENSWOOD_GT_9 24257	26.02 1.61 0.00	25.28 1.50 0.00	24.36 1.40 0.00	25.13 1.36 0.00	26.78 1.49 0.00	29.30 1.61 0.00	37.92 2.78 0.00	42.27 2.85 -7.00	34.36 2.74 -2.51	30.44 2.54 -1.42	28.01 2.38 -0.02	26.23 2.12 -1.57	26.39 1.87 -3.74	26.09 1.71 -4.08	25.29 1.64 -3.38	26.39 1.83 -3.74	28.45 2.14 -2.58	35.40 2.98 -0.02	39.97 3.26 -0.10	36.29 2.84 -2.56	31.75 2.41 -3.15	26.10 2.12 -0.72	25.84 2.00 -0.02	24.99 1.55 0.00
RAVENSWOOD___1 23533	26.19 1.78 -0.01	25.38 1.59 0.00	24.40 1.45 0.00	25.18 1.40 0.00	26.85 1.57 0.00	29.27 1.58 0.00	37.89 2.74 0.00	42.31 2.88 -7.00	34.45 2.82 -2.51	30.52 2.62 -1.42	28.07 2.43 -0.02	26.28 2.16 -1.57	26.45 1.93 -3.74	26.15 1.77 -4.08	25.35 1.70 -3.38	26.48 1.91 -3.74	28.52 2.21 -2.58	35.50 3.08 -0.02	40.12 3.41 -0.10	36.35 2.90 -2.56	31.78 2.44 -3.15	26.19 2.21 -0.72	25.91 2.07 -0.02	25.04 1.60 0.00
RAVENSWOOD___2 23534	26.19 1.78 -0.01	25.38 1.59 0.00	24.40 1.45 0.00	25.18 1.40 0.00	26.85 1.57 0.00	29.22 1.52 0.00	37.81 2.67 0.00	42.24 2.82 -7.00	34.39 2.77 -2.51	30.47 2.57 -1.42	28.01 2.38 -0.02	26.25 2.14 -1.57	26.41 1.89 -3.74	26.11 1.72 -4.08	25.31 1.66 -3.38	26.44 1.87 -3.74	28.49 2.18 -2.58	35.43 3.01 -0.02	40.04 3.33 -0.10	36.29 2.84 -2.56	31.72 2.38 -3.15	26.15 2.16 -0.72	25.86 2.02 -0.02	24.99 1.55 0.00



RAVENSWOOD___3 23535	26.07 1.66 0.00	25.29 1.50 0.00	24.36 1.40 0.00	25.13 1.35 0.00	26.78 1.49 0.00	29.30 1.61 0.00	37.89 2.74 0.00	42.28 2.85 -7.00	34.36 2.74 -2.51	30.44 2.54 -1.42	28.01 2.38 -0.02	26.23 2.12 -1.57	26.39 1.87 -3.74	26.07 1.68 -4.09	25.29 1.64 -3.39	26.40 1.83 -3.75	28.45 2.14 -2.59	35.40 2.98 -0.02	40.01 3.30 -0.10	36.29 2.84 -2.56	31.72 2.38 -3.15	26.10 2.12 -0.72	25.81 1.98 -0.02	24.97 1.52 0.00
RAVENSWOOD___4 23820	26.19 1.78 -0.01	25.38 1.59 0.00	24.40 1.45 0.00	25.18 1.40 0.00	26.85 1.57 0.00	29.27 1.58 0.00	37.89 2.74 0.00	42.31 2.88 -7.00	34.45 2.82 -2.51	30.52 2.62 -1.42	28.07 2.43 -0.02	26.28 2.16 -1.57	26.45 1.93 -3.74	26.15 1.77 -4.08	25.35 1.70 -3.38	26.48 1.91 -3.74	28.52 2.21 -2.58	35.50 3.08 -0.02	40.12 3.41 -0.10	36.35 2.90 -2.56	31.78 2.44 -3.15	26.19 2.21 -0.72	25.91 2.07 -0.02	25.04 1.60 0.00
RCPL_TRUST___DRP 24196	26.04 1.64 0.00	25.33 1.55 0.00	24.38 1.42 0.00	25.18 1.40 0.00	26.83 1.54 0.00	29.38 1.69 0.00	37.99 2.85 0.00	42.37 2.95 -7.00	34.45 2.82 -2.51	30.51 2.62 -1.40	28.09 2.46 -0.02	26.27 2.19 -1.54	26.37 1.93 -3.66	26.05 1.75 -4.00	25.28 1.70 -3.31	26.38 1.89 -3.66	28.44 2.18 -2.53	35.47 3.05 -0.02	40.04 3.33 -0.10	36.38 2.93 -2.56	31.83 2.49 -3.15	26.14 2.16 -0.72	25.86 2.02 -0.02	25.02 1.57 0.00
RED___ROCHESTER 323720	23.06 -1.34 0.00	22.55 -1.24 0.00	21.81 -1.15 0.00	22.59 -1.19 0.00	23.95 -1.34 0.00	26.48 -1.22 0.00	33.49 -1.65 0.00	32.68 -0.71 -0.97	28.76 -0.70 -0.35	25.98 -0.61 -0.10	24.82 -0.79 0.00	21.98 -0.56 0.00	20.17 -0.60 0.00	19.55 -0.75 0.00	19.43 -0.83 0.00	20.09 -0.73 0.00	22.81 -0.93 0.00	31.06 -1.33 0.02	35.04 -1.57 0.00	30.10 -1.14 -0.35	25.53 -1.10 -0.44	22.31 -1.05 -0.09	22.42 -1.41 0.00	21.87 -1.57 0.00
REGAN___SOLAR 323812	26.87 2.46 0.00	26.12 2.33 0.00	25.14 2.18 0.00	26.18 2.40 0.00	27.89 2.61 0.00	30.77 3.07 0.00	39.50 4.36 0.00	46.15 3.92 -9.81	35.55 2.94 -3.50	29.90 2.38 -1.03	28.00 2.38 0.00	24.35 1.80 0.00	22.23 1.45 0.00	21.60 1.30 0.00	21.50 1.24 0.00	22.45 1.63 0.00	25.94 2.21 0.00	36.03 3.63 0.00	41.08 4.35 -0.12	37.86 3.40 -3.57	33.36 2.78 -4.39	26.53 2.30 -0.96	26.06 2.24 0.00	25.20 1.76 0.00
RENSSELAER___COGEN 23796	25.19 0.78 0.00	24.52 0.74 0.00	23.69 0.73 0.00	24.49 0.71 0.00	26.02 0.73 0.00	28.52 0.83 0.00	36.48 1.34 0.00	42.32 1.30 -8.59	33.37 1.19 -3.07	28.47 1.09 -0.90	26.69 1.08 0.00	23.56 1.02 0.00	21.67 0.89 0.00	21.12 0.81 0.00	21.03 0.77 0.00	21.74 0.92 0.00	24.73 1.00 0.00	33.76 1.36 0.00	38.22 1.50 -0.10	35.25 1.24 -3.13	31.06 1.02 -3.85	25.08 0.98 -0.84	24.73 0.91 0.00	24.31 0.87 0.00
REPUBLIC_115KV_BARTNBRK 55605	26.60 2.20 0.00	25.78 2.00 0.00	24.81 1.86 0.00	25.92 2.14 0.00	27.64 2.35 0.00	30.41 2.71 0.00	39.04 3.90 0.00	44.95 3.63 -8.89	35.14 2.85 -3.17	29.83 2.41 -0.93	28.13 2.51 0.00	24.41 1.87 0.00	22.21 1.43 0.00	21.68 1.38 0.00	21.54 1.28 0.00	22.38 1.56 0.00	25.77 2.04 0.00	35.71 3.31 0.00	40.86 4.14 -0.11	37.21 3.09 -3.24	32.77 2.59 -3.98	26.13 2.00 -0.87	25.78 1.95 0.00	24.97 1.52 0.00
REVERE_CPPR_DRP 24186	24.94 0.54 0.00	24.33 0.55 0.00	23.53 0.57 0.00	24.40 0.62 0.00	26.04 0.76 0.00	28.72 1.02 0.00	36.58 1.44 0.00	34.32 1.49 -0.41	30.60 1.34 -0.14	27.64 1.11 -0.04	26.72 1.10 0.00	23.35 0.81 0.00	21.42 0.64 0.00	20.87 0.57 0.00	20.83 0.57 0.00	21.51 0.69 0.00	24.68 0.95 0.00	33.89 1.49 0.00	38.37 1.76 0.00	32.36 1.33 -0.15	27.34 0.97 -0.18	24.00 0.70 -0.04	24.42 0.60 0.00	23.96 0.52 0.00
REYNOLDS_115KV_TB3 80639	25.33 0.93 0.00	24.64 0.86 0.00	23.80 0.85 0.00	24.63 0.86 0.00	26.17 0.89 0.00	28.69 1.00 0.00	36.69 1.55 0.00	42.54 1.49 -8.63	33.59 1.40 -3.08	28.66 1.27 -0.91	26.84 1.23 0.00	23.69 1.15 0.00	21.80 1.02 0.00	21.22 0.91 0.00	21.14 0.87 0.00	21.84 1.02 0.00	24.87 1.14 0.00	33.96 1.56 0.00	38.44 1.72 -0.10	35.45 1.42 -3.14	31.28 1.23 -3.86	25.18 1.07 -0.84	24.85 1.02 0.00	24.38 0.94 0.00
RIVERBAY____ 323610	26.33 1.93 0.00	25.57 1.78 0.00	24.59 1.63 0.00	25.35 1.57 0.00	27.03 1.74 0.00	29.41 1.72 0.00	38.09 2.95 0.00	42.50 3.08 -7.00	34.59 2.97 -2.51	29.94 2.70 -0.75	28.17 2.54 -0.02	24.83 2.23 -0.05	22.91 1.99 -0.14	22.29 1.83 -0.15	22.17 1.78 -0.13	22.94 1.98 -0.14	26.13 2.30 -0.09	35.63 3.21 -0.02	40.19 3.48 -0.10	36.48 3.03 -2.56	31.88 2.54 -3.15	26.26 2.30 -0.69	26.01 2.17 -0.02	25.16 1.71 0.00
RIVERSDE_115KV_TB3 55908	25.26 0.85 0.00	24.59 0.81 0.00	23.76 0.80 0.00	24.56 0.78 0.00	26.12 0.83 0.00	28.61 0.91 0.00	36.62 1.48 0.00	42.49 1.43 -8.65	33.51 1.31 -3.08	28.58 1.19 -0.91	26.79 1.18 0.00	23.65 1.10 0.00	21.75 0.98 0.00	21.18 0.87 0.00	21.09 0.83 0.00	21.80 0.98 0.00	24.82 1.09 0.00	33.89 1.49 0.00	38.36 1.65 -0.10	35.39 1.36 -3.15	31.24 1.18 -3.87	25.13 1.02 -0.84	24.80 0.98 0.00	24.36 0.91 0.00
ROARING___BROOK_WT_PWR 323790	23.62 -0.78 0.00	23.07 -0.71 0.00	22.29 -0.67 0.00	23.14 -0.64 0.00	24.63 -0.66 0.00	27.00 -0.69 0.00	34.20 -0.95 0.00	31.55 -0.87 0.00	28.39 -0.73 0.00	25.87 -0.61 0.00	25.08 -0.54 0.00	22.09 -0.45 0.00	20.40 -0.37 0.00	20.02 -0.28 0.00	20.04 -0.22 0.00	20.59 -0.23 0.00	23.52 -0.21 0.00	32.11 -0.29 0.00	36.28 -0.33 0.00	30.55 -0.34 0.00	25.80 -0.39 0.00	22.75 -0.51 0.00	23.20 -0.62 0.00	22.86 -0.59 0.00
ROCHESRG_115KV_T4 355643	22.87 -1.54 0.00	22.38 -1.40 0.00	21.62 -1.33 0.00	22.40 -1.38 0.00	23.74 -1.54 0.00	26.20 -1.50 0.00	33.14 -2.00 0.00	32.31 -1.07 -0.96	28.46 -0.99 -0.34	25.68 -0.90 -0.10	24.54 -1.08 0.00	21.73 -0.81 0.00	19.97 -0.81 0.00	19.37 -0.93 0.00	19.25 -1.01 0.00	19.88 -0.94 0.00	22.54 -1.19 0.00	30.67 -1.72 0.02	34.56 -2.05 0.00	29.75 -1.48 -0.35	25.60 -1.02 -0.43	22.17 -1.19 -0.09	22.23 -1.60 0.00	21.69 -1.76 0.00
ROCHESTER_9_IC 23652	22.97 -1.44 0.00	22.48 -1.31 0.00	21.74 -1.22 0.00	22.52 -1.26 0.00	23.84 -1.44 0.00	26.34 -1.36 0.00	33.35 -1.79 0.00	32.51 -0.88 -0.96	28.64 -0.82 -0.34	25.84 -0.74 -0.10	24.69 -0.92 0.00	21.86 -0.68 0.00	20.07 -0.71 0.00	19.47 -0.83 0.00	19.35 -0.91 0.00	20.01 -0.81 0.00	22.69 -1.04 0.00	30.90 -1.49 0.02	34.78 -1.83 0.00	29.94 -1.30 -0.35	25.73 -0.89 -0.43	22.29 -1.07 -0.09	22.35 -1.48 0.00	21.78 -1.66 0.00
ROCKVIEW_13_KV_LD 356306	25.97 1.56 0.00	25.24 1.45 0.00	24.36 1.40 0.00	25.13 1.36 0.00	26.78 1.49 0.00	29.35 1.66 0.00	37.92 2.78 0.00	42.28 2.85 -7.00	34.32 2.71 -2.50	29.72 2.49 -0.74	27.95 2.33 0.00	24.64 2.07 -0.02	22.66 1.83 -0.05	22.01 1.64 -0.06	21.91 1.60 -0.05	22.67 1.79 -0.05	25.86 2.09 -0.04	35.32 2.92 0.00	39.88 3.19 -0.08	36.25 2.81 -2.55	31.71 2.38 -3.13	26.02 2.07 -0.68	25.75 1.93 0.00	24.97 1.52 0.00



ROME____115KV_TB2 80656	24.94 0.54 0.00	24.33 0.55 0.00	23.53 0.57 0.00	24.40 0.62 0.00	26.04 0.76 0.00	28.72 1.02 0.00	36.58 1.44 0.00	34.32 1.49 -0.41	30.60 1.34 -0.14	27.64 1.11 -0.04	26.72 1.10 0.00	23.35 0.81 0.00	21.42 0.64 0.00	20.87 0.57 0.00	20.83 0.57 0.00	21.51 0.69 0.00	24.68 0.95 0.00	33.89 1.49 0.00	38.37 1.76 0.00	32.36 1.33 -0.15	27.34 0.97 -0.18	24.00 0.70 -0.04	24.42 0.60 0.00	23.96 0.52 0.00
ROSETON____1 23587	25.70 1.29 0.00	24.98 1.19 0.00	24.08 1.12 0.00	24.87 1.09 0.00	26.48 1.19 0.00	29.02 1.33 0.00	37.36 2.22 0.00	41.71 2.24 -7.06	33.75 2.12 -2.52	29.18 1.96 -0.74	27.43 1.82 0.00	24.17 1.62 0.00	22.19 1.41 0.00	21.56 1.26 0.00	21.48 1.22 0.00	22.22 1.40 0.00	25.37 1.64 0.00	34.71 2.30 0.00	39.22 2.52 -0.08	35.65 2.19 -2.57	31.18 1.83 -3.16	25.58 1.63 -0.69	25.32 1.50 0.00	24.62 1.17 0.00
ROSETON____2 23588	25.70 1.29 0.00	24.98 1.19 0.00	24.08 1.12 0.00	24.87 1.09 0.00	26.48 1.19 0.00	29.02 1.33 0.00	37.36 2.22 0.00	41.71 2.24 -7.06	33.75 2.12 -2.52	29.18 1.96 -0.74	27.43 1.82 0.00	24.17 1.62 0.00	22.19 1.41 0.00	21.56 1.26 0.00	21.48 1.22 0.00	22.22 1.40 0.00	25.37 1.64 0.00	34.71 2.30 0.00	39.22 2.52 -0.08	35.65 2.19 -2.57	31.18 1.83 -3.16	25.58 1.63 -0.69	25.32 1.50 0.00	24.62 1.17 0.00
ROTTRDAM_115KV_TB3 80664	25.26 0.85 0.00	24.59 0.81 0.00	23.71 0.76 0.00	24.59 0.81 0.00	26.15 0.86 0.00	28.66 0.97 0.00	36.65 1.51 0.00	42.87 1.46 -8.99	33.60 1.28 -3.21	28.56 1.14 -0.94	26.72 1.10 0.00	23.49 0.95 0.00	21.59 0.81 0.00	21.03 0.73 0.00	20.95 0.69 0.00	21.63 0.81 0.00	24.73 1.00 0.00	33.86 1.46 0.00	38.37 1.65 -0.11	35.52 1.36 -3.27	31.37 1.15 -4.02	25.10 0.95 -0.88	24.73 0.91 0.00	24.17 0.73 0.00
RUSSELL____1 23602	23.06 -1.34 0.00	22.55 -1.24 0.00	21.81 -1.15 0.00	22.59 -1.19 0.00	23.95 -1.34 0.00	26.47 -1.22 0.00	33.49 -1.65 0.00	32.67 -0.71 -0.96	28.76 -0.70 -0.34	25.97 -0.61 -0.10	24.82 -0.79 0.00	21.98 -0.56 0.00	20.17 -0.60 0.00	19.55 -0.75 0.00	19.43 -0.83 0.00	20.09 -0.73 0.00	22.81 -0.93 0.00	31.06 -1.33 0.02	35.00 -1.61 0.00	30.10 -1.14 -0.35	25.86 -0.76 -0.43	22.38 -0.98 -0.09	22.44 -1.38 0.00	21.87 -1.57 0.00
RUSSELL____2 23532	23.06 -1.34 0.00	22.55 -1.24 0.00	21.81 -1.15 0.00	22.59 -1.19 0.00	23.95 -1.34 0.00	26.47 -1.22 0.00	33.49 -1.65 0.00	32.67 -0.71 -0.96	28.76 -0.70 -0.34	25.97 -0.61 -0.10	24.82 -0.79 0.00	21.98 -0.56 0.00	20.17 -0.60 0.00	19.55 -0.75 0.00	19.43 -0.83 0.00	20.09 -0.73 0.00	22.81 -0.93 0.00	31.06 -1.33 0.02	35.00 -1.61 0.00	30.10 -1.14 -0.35	25.86 -0.76 -0.43	22.38 -0.98 -0.09	22.44 -1.38 0.00	21.87 -1.57 0.00
RUSSELL____3 23549	23.06 -1.34 0.00	22.55 -1.24 0.00	21.81 -1.15 0.00	22.59 -1.19 0.00	23.95 -1.34 0.00	26.47 -1.22 0.00	33.49 -1.65 0.00	32.67 -0.71 -0.96	28.76 -0.70 -0.34	25.97 -0.61 -0.10	24.82 -0.79 0.00	21.98 -0.56 0.00	20.17 -0.60 0.00	19.55 -0.75 0.00	19.43 -0.83 0.00	20.09 -0.73 0.00	22.81 -0.93 0.00	31.06 -1.33 0.02	35.00 -1.61 0.00	30.10 -1.14 -0.35	25.86 -0.76 -0.43	22.38 -0.98 -0.09	22.44 -1.38 0.00	21.87 -1.57 0.00
RUSSELL____4 23556	23.06 -1.34 0.00	22.55 -1.24 0.00	21.81 -1.15 0.00	22.59 -1.19 0.00	23.95 -1.34 0.00	26.47 -1.22 0.00	33.49 -1.65 0.00	32.67 -0.71 -0.96	28.76 -0.70 -0.34	25.97 -0.61 -0.10	24.82 -0.79 0.00	21.98 -0.56 0.00	20.17 -0.60 0.00	19.55 -0.75 0.00	19.43 -0.83 0.00	20.09 -0.73 0.00	22.81 -0.93 0.00	31.06 -1.33 0.02	35.00 -1.61 0.00	30.10 -1.14 -0.35	25.86 -0.76 -0.43	22.38 -0.98 -0.09	22.44 -1.38 0.00	21.87 -1.57 0.00
RUSSELL____STATION 23914	23.06 -1.34 0.00	22.55 -1.24 0.00	21.81 -1.15 0.00	22.59 -1.19 0.00	23.95 -1.34 0.00	26.47 -1.22 0.00	33.49 -1.65 0.00	32.67 -0.71 -0.96	28.76 -0.70 -0.34	25.97 -0.61 -0.10	24.82 -0.79 0.00	21.98 -0.56 0.00	20.17 -0.60 0.00	19.55 -0.75 0.00	19.43 -0.83 0.00	20.09 -0.73 0.00	22.81 -0.93 0.00	31.06 -1.33 0.02	35.00 -1.61 0.00	30.10 -1.14 -0.35	25.86 -0.76 -0.43	22.38 -0.98 -0.09	22.44 -1.38 0.00	21.87 -1.57 0.00
S SALMON____HYD 24043	23.62 -0.78 0.00	23.02 -0.76 0.00	22.27 -0.69 0.00	23.09 -0.69 0.00	24.63 -0.66 0.00	27.08 -0.61 0.00	34.47 -0.67 0.00	32.62 -0.42 -0.62	28.92 -0.41 -0.22	26.18 -0.37 -0.06	25.23 -0.38 0.00	22.14 -0.41 0.00	20.32 -0.46 0.00	19.80 -0.51 0.00	19.76 -0.51 0.00	20.36 -0.46 0.00	23.28 -0.45 0.00	31.88 -0.52 0.00	36.11 -0.51 -0.01	30.59 -0.53 -0.22	25.94 -0.52 -0.28	22.74 -0.58 -0.06	23.08 -0.74 0.00	22.62 -0.82 0.00
S.PERRY__115KV_TB1 80734	24.31 -0.10 0.00	23.76 -0.02 0.00	22.98 0.02 0.00	23.87 0.10 0.00	25.39 0.10 0.00	28.16 0.47 0.00	35.95 0.81 0.00	35.16 1.30 -1.44	30.59 0.96 -0.51	27.32 0.69 -0.15	26.33 0.72 0.00	23.19 0.65 0.00	21.28 0.50 0.00	20.57 0.26 0.00	20.51 0.24 0.00	21.26 0.44 0.00	24.37 0.64 0.00	33.45 1.04 -0.01	37.55 0.92 -0.02	32.15 0.74 -0.52	27.46 0.63 -0.64	23.57 0.16 -0.14	23.70 -0.12 0.00	23.09 -0.35 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	22.33 -2.07 0.00	21.98 -1.81 0.00	21.26 -1.70 0.00	21.97 -1.81 0.00	23.21 -2.07 0.00	25.70 -1.99 0.00	32.26 -2.88 0.00	31.22 -2.33 -1.13	27.42 -2.10 -0.40	24.75 -1.85 -0.12	24.03 -1.59 0.00	21.44 -1.10 0.00	19.70 -1.08 0.00	19.02 -1.28 0.00	18.83 -1.44 0.00	19.53 -1.29 0.00	22.00 -1.73 0.00	29.67 -2.72 0.01	32.81 -3.81 -0.01	28.36 -2.93 -0.41	24.65 -2.04 -0.51	21.17 -2.21 -0.11	21.49 -2.33 0.00	20.98 -2.46 0.00
SAWYER__23_KV_LOAD 55526	22.33 -2.07 0.00	21.98 -1.81 0.00	21.26 -1.70 0.00	21.97 -1.81 0.00	23.21 -2.07 0.00	25.70 -1.99 0.00	32.26 -2.88 0.00	31.22 -2.33 -1.13	27.42 -2.10 -0.40	24.75 -1.85 -0.12	24.03 -1.59 0.00	21.44 -1.10 0.00	19.70 -1.08 0.00	19.02 -1.28 0.00	18.83 -1.44 0.00	19.53 -1.29 0.00	22.00 -1.73 0.00	29.67 -2.72 0.01	32.81 -3.81 -0.01	28.36 -2.93 -0.41	24.65 -2.04 -0.51	21.17 -2.21 -0.11	21.49 -2.33 0.00	20.98 -2.46 0.00
SELKIRK____I 23801	25.31 0.90 0.00	24.62 0.83 0.00	23.78 0.83 0.00	24.61 0.83 0.00	26.17 0.88 0.00	28.69 1.00 0.00	36.62 1.48 0.00	42.32 1.43 -8.47	33.38 1.25 -3.02	28.48 1.11 -0.89	26.74 1.13 0.00	23.53 0.99 0.00	21.65 0.87 0.00	21.10 0.79 0.00	21.01 0.75 0.00	21.72 0.89 0.00	24.75 1.02 0.00	33.83 1.42 0.00	38.32 1.61 -0.10	35.27 1.30 -3.08	31.06 1.07 -3.79	25.07 0.98 -0.83	24.75 0.93 0.00	24.29 0.84 0.00
SELKIRK____II 23799	25.21 0.80 0.00	24.52 0.74 0.00	23.69 0.73 0.00	24.49 0.71 0.00	26.04 0.76 0.00	28.55 0.86 0.00	36.51 1.37 0.00	42.32 1.33 -8.56	33.39 1.22 -3.05	28.47 1.09 -0.90	26.69 1.08 0.00	23.53 0.99 0.00	21.63 0.85 0.00	21.08 0.77 0.00	21.01 0.75 0.00	21.70 0.87 0.00	24.70 0.97 0.00	33.76 1.36 0.00	38.22 1.50 -0.10	35.24 1.24 -3.12	31.07 1.05 -3.83	25.06 0.95 -0.84	24.73 0.91 0.00	24.24 0.80 0.00



SENECA OSWGO___HYD 24041	23.53 -0.88 0.00	22.93 -0.86 0.00	22.13 -0.83 0.00	22.94 -0.83 0.00	24.43 -0.86 0.00	26.81 -0.89 0.00	34.09 -1.05 0.00	32.47 -0.65 -0.70	28.78 -0.58 -0.25	26.00 -0.56 -0.07	25.05 -0.56 0.00	22.05 -0.50 0.00	20.28 -0.50 0.00	19.74 -0.57 0.00	19.68 -0.59 0.00	20.26 -0.56 0.00	23.14 -0.59 0.00	31.60 -0.81 0.00	35.71 -0.91 -0.01	30.37 -0.77 -0.25	25.80 -0.71 -0.31	22.64 -0.70 -0.07	22.97 -0.86 0.00	22.48 -0.96 0.00
SENECA___115KV_TB3 355854	22.60 -1.81 0.00	22.26 -1.52 0.00	21.53 -1.42 0.00	22.26 -1.52 0.00	23.54 -1.74 0.00	26.09 -1.61 0.00	32.82 -2.32 0.00	31.45 -2.14 -1.17	27.58 -1.95 -0.42	24.88 -1.72 -0.12	24.41 -1.20 0.00	21.77 -0.77 0.00	20.03 -0.75 0.00	19.31 -0.99 0.00	19.09 -1.18 0.00	19.80 -1.02 0.00	22.35 -1.38 0.00	30.13 -2.27 0.01	33.14 -3.48 -0.01	28.50 -2.81 -0.43	24.78 -1.94 -0.52	21.22 -2.16 -0.11	21.75 -2.07 0.00	21.24 -2.20 0.00
SENECA___ENERGY 23797	23.82 -0.59 0.00	23.24 -0.55 0.00	22.45 -0.51 0.00	23.28 -0.50 0.00	24.81 -0.48 0.00	27.33 -0.36 0.00	34.79 -0.35 0.00	33.52 0.03 -1.06	29.52 0.03 -0.38	26.57 -0.03 -0.11	25.59 -0.03 0.00	22.52 -0.02 0.00	20.67 -0.10 0.00	20.06 -0.24 0.00	19.98 -0.28 0.00	20.63 -0.19 0.00	23.59 -0.14 0.00	32.28 -0.19 -0.07	36.37 -0.29 -0.05	30.96 -0.31 -0.39	26.35 -0.31 -0.47	23.00 -0.37 -0.10	23.23 -0.59 0.00	22.72 -0.73 0.00
SHOEMAKER___GT 23640	25.55 1.15 0.00	24.83 1.05 0.00	23.94 0.99 0.00	24.75 0.98 0.00	26.32 1.04 0.00	28.86 1.16 0.00	37.11 1.97 0.00	40.86 2.01 -6.43	33.24 1.84 -2.29	28.83 1.67 -0.67	27.18 1.56 0.00	23.92 1.38 0.00	21.96 1.18 0.00	21.34 1.03 0.00	21.26 0.99 0.00	21.99 1.17 0.00	25.13 1.40 0.00	34.41 2.01 0.00	38.92 2.23 -0.08	35.14 1.92 -2.34	30.67 1.60 -2.88	25.29 1.40 -0.63	25.08 1.26 0.00	24.43 0.98 0.00
SHOEMAKR_138KV_BK 111 55601	25.50 1.10 0.00	24.81 1.02 0.00	23.94 0.99 0.00	24.73 0.95 0.00	26.32 1.04 0.00	28.86 1.16 0.00	37.11 1.97 0.00	40.82 2.01 -6.38	33.25 1.86 -2.28	28.85 1.69 -0.67	27.18 1.56 0.00	23.92 1.38 0.00	21.96 1.18 0.00	21.36 1.06 0.00	21.28 1.01 0.00	21.99 1.17 0.00	25.13 1.40 0.00	34.41 2.01 0.00	38.92 2.23 -0.08	35.13 1.92 -2.32	30.67 1.62 -2.86	25.28 1.40 -0.62	25.11 1.29 0.00	24.43 0.98 0.00
SHOREHAM_IC_1 23715	29.78 2.34 -3.03	28.03 2.28 -1.96	25.09 2.14 0.00	25.89 2.12 0.00	27.95 2.32 -0.33	31.77 2.52 -1.55	40.93 3.90 -1.89	43.34 3.82 -7.09	40.86 3.58 -8.17	35.03 3.18 -5.37	31.43 3.05 -2.76	28.65 2.66 -3.45	27.46 2.31 -4.37	26.99 2.11 -4.57	28.78 2.13 -6.39	33.09 2.41 -9.86	35.17 2.85 -8.59	50.14 3.85 -13.89	56.31 4.21 -15.49	50.94 3.61 -16.44	45.67 3.04 -16.44	36.67 2.77 -10.64	32.11 2.67 -5.62	29.00 2.32 -3.23
SHOREHAM_IC_2 23716	29.78 2.34 -3.03	28.03 2.28 -1.96	25.09 2.14 0.00	25.89 2.12 0.00	27.95 2.32 -0.33	31.77 2.52 -1.55	40.93 3.90 -1.89	43.34 3.82 -7.09	40.86 3.58 -8.17	35.03 3.18 -5.37	31.43 3.05 -2.76	28.65 2.66 -3.45	27.46 2.31 -4.37	26.99 2.11 -4.57	28.78 2.13 -6.39	33.09 2.41 -9.86	35.17 2.85 -8.59	50.14 3.85 -13.89	56.31 4.21 -15.49	50.94 3.61 -16.44	45.67 3.04 -16.44	36.67 2.77 -10.64	32.11 2.67 -5.62	29.00 2.32 -3.23
SISSONVILLE___ 23735	23.79 -0.61 0.00	23.24 -0.55 0.00	22.40 -0.55 0.00	23.33 -0.45 0.00	24.70 -0.58 0.00	27.08 -0.61 0.00	33.84 -1.30 0.00	31.05 -1.49 -0.12	27.81 -1.34 -0.04	25.22 -1.27 -0.01	24.46 -1.15 0.00	21.53 -1.01 0.00	19.90 -0.87 0.00	19.57 -0.73 0.00	19.62 -0.65 0.00	19.97 -0.85 0.00	22.88 -0.85 0.00	31.30 -1.10 0.00	35.59 -1.03 0.00	29.97 -0.96 -0.04	25.25 -1.00 -0.05	22.51 -0.77 -0.01	23.44 -0.38 0.00	23.40 -0.05 0.00
SITHE_IND_GS1 24169	23.28 -1.12 0.00	22.69 -1.09 0.00	21.92 -1.03 0.00	22.71 -1.07 0.00	24.15 -1.14 0.00	26.50 -1.19 0.00	33.67 -1.47 0.00	31.86 -1.14 -0.58	28.33 -0.99 -0.21	25.64 -0.90 -0.06	24.72 -0.90 0.00	21.75 -0.79 0.00	20.03 -0.75 0.00	19.51 -0.79 0.00	19.45 -0.81 0.00	20.03 -0.79 0.00	22.83 -0.90 0.00	31.14 -1.26 0.00	35.15 -1.47 -0.01	29.89 -1.21 -0.21	25.40 -1.05 -0.26	22.37 -0.95 -0.06	22.73 -1.10 0.00	22.27 -1.17 0.00
SITHE_IND_GS2 24170	23.28 -1.12 0.00	22.69 -1.09 0.00	21.92 -1.03 0.00	22.71 -1.07 0.00	24.15 -1.14 0.00	26.50 -1.19 0.00	33.67 -1.47 0.00	31.86 -1.14 -0.58	28.33 -0.99 -0.21	25.64 -0.90 -0.06	24.72 -0.90 0.00	21.75 -0.79 0.00	20.03 -0.75 0.00	19.51 -0.79 0.00	19.45 -0.81 0.00	20.03 -0.79 0.00	22.83 -0.90 0.00	31.14 -1.26 0.00	35.15 -1.47 -0.01	29.89 -1.21 -0.21	25.40 -1.05 -0.26	22.37 -0.95 -0.06	22.73 -1.10 0.00	22.27 -1.17 0.00
SITHE_IND_GS3 24171	23.28 -1.12 0.00	22.69 -1.09 0.00	21.92 -1.03 0.00	22.71 -1.07 0.00	24.15 -1.14 0.00	26.50 -1.19 0.00	33.67 -1.47 0.00	31.86 -1.14 -0.58	28.33 -0.99 -0.21	25.64 -0.90 -0.06	24.72 -0.90 0.00	21.75 -0.79 0.00	20.03 -0.75 0.00	19.51 -0.79 0.00	19.45 -0.81 0.00	20.03 -0.79 0.00	22.83 -0.90 0.00	31.14 -1.26 0.00	35.15 -1.47 -0.01	29.89 -1.21 -0.21	25.40 -1.05 -0.26	22.37 -0.95 -0.06	22.73 -1.10 0.00	22.27 -1.17 0.00
SITHE_IND_GS4 24172	23.28 -1.12 0.00	22.69 -1.09 0.00	21.92 -1.03 0.00	22.71 -1.07 0.00	24.15 -1.14 0.00	26.50 -1.19 0.00	33.67 -1.47 0.00	31.86 -1.14 -0.58	28.33 -0.99 -0.21	25.64 -0.90 -0.06	24.72 -0.90 0.00	21.75 -0.79 0.00	20.03 -0.75 0.00	19.51 -0.79 0.00	19.45 -0.81 0.00	20.03 -0.79 0.00	22.83 -0.90 0.00	31.14 -1.26 0.00	35.15 -1.47 -0.01	29.89 -1.21 -0.21	25.40 -1.05 -0.26	22.37 -0.95 -0.06	22.73 -1.10 0.00	22.27 -1.17 0.00
SITHE___BATAVIA 24024	22.79 -1.61 0.00	22.36 -1.43 0.00	21.65 -1.31 0.00	22.42 -1.35 0.00	23.72 -1.57 0.00	26.28 -1.41 0.00	33.18 -1.97 0.00	32.28 -1.20 -1.06	28.35 -1.14 -0.38	25.56 -1.03 -0.11	24.59 -1.03 0.00	21.84 -0.70 0.00	20.05 -0.73 0.00	19.37 -0.93 0.00	19.21 -1.05 0.00	19.93 -0.89 0.00	22.57 -1.16 0.00	30.61 -1.78 0.01	34.27 -2.34 0.00	29.48 -1.79 -0.39	24.99 -1.68 -0.47	21.88 -1.49 -0.10	22.04 -1.79 0.00	21.48 -1.97 0.00
SITHE___INDEPEND 23800	23.28 -1.12 0.00	22.69 -1.09 0.00	21.92 -1.03 0.00	22.71 -1.07 0.00	24.15 -1.14 0.00	26.50 -1.19 0.00	33.67 -1.48 0.00	31.86 -1.13 -0.57	28.33 -0.99 -0.20	25.64 -0.90 -0.06	24.72 -0.90 0.00	21.75 -0.79 0.00	20.03 -0.75 0.00	19.51 -0.79 0.00	19.45 -0.81 0.00	20.03 -0.79 0.00	22.83 -0.90 0.00	31.14 -1.26 0.00	35.15 -1.46 -0.01	29.89 -1.20 -0.21	25.48 -0.97 -0.26	22.37 -0.95 -0.06	22.73 -1.10 0.00	22.27 -1.17 0.00
SITHE___MASSENA 23902	24.18 -0.22 0.00	23.74 -0.05 0.00	22.89 -0.07 0.00	23.80 0.02 0.00	25.19 -0.10 0.00	27.56 -0.14 0.00	34.51 -0.63 0.00	31.55 -0.87 0.00	28.30 -0.81 0.00	25.71 -0.77 0.00	24.90 -0.72 0.00	21.89 -0.65 0.00	20.26 -0.52 0.00	19.92 -0.39 0.00	19.96 -0.30 0.00	20.34 -0.48 0.00	23.26 -0.47 0.00	31.76 -0.65 0.00	35.99 -0.62 0.00	30.33 -0.56 0.00	25.75 -0.45 0.00	22.87 -0.40 0.00	23.66 -0.17 0.00	23.61 0.17 0.00



SITHE___OGDNSBRG 24021	24.41 0.00 0.00	23.83 0.05 0.00	22.98 0.02 0.00	23.92 0.14 0.00	25.31 0.03 0.00	27.75 0.06 0.00	34.72 -0.42 0.00	31.71 -0.71 0.00	28.47 -0.64 0.00	25.82 -0.66 0.00	25.03 -0.59 0.00	21.96 -0.59 0.00	20.30 -0.48 0.00	19.98 -0.32 0.00	20.02 -0.24 0.00	20.38 -0.44 0.00	23.40 -0.33 0.00	32.02 -0.39 0.00	36.39 -0.22 0.00	30.58 -0.31 0.00	25.77 -0.42 0.00	22.96 -0.30 0.00	23.82 0.00 0.00	23.80 0.35 0.00
SITHE___STERLING 23777	24.84 0.44 0.00	24.21 0.43 0.00	23.41 0.46 0.00	24.25 0.48 0.00	25.87 0.58 0.00	28.50 0.80 0.00	36.30 1.16 0.00	34.03 1.23 -0.38	30.38 1.13 -0.13	27.45 0.93 -0.04	26.51 0.90 0.00	23.22 0.68 0.00	21.32 0.54 0.00	20.77 0.47 0.00	20.73 0.47 0.00	21.38 0.56 0.00	24.49 0.76 0.00	33.57 1.16 0.00	38.01 1.39 0.00	32.04 1.02 -0.14	27.09 0.73 -0.17	23.86 0.56 -0.04	24.27 0.45 0.00	23.82 0.37 0.00
SLEIGHT__34_KV_TB1 80719	23.23 -1.17 0.00	22.69 -1.09 0.00	21.92 -1.03 0.00	22.73 -1.05 0.00	24.15 -1.14 0.00	26.64 -1.05 0.00	33.84 -1.30 0.00	32.86 -0.52 -0.96	28.93 -0.52 -0.34	26.11 -0.48 -0.10	25.03 -0.59 0.00	22.07 -0.47 0.00	20.26 -0.52 0.00	19.65 -0.65 0.00	19.55 -0.71 0.00	20.20 -0.62 0.00	23.00 -0.74 0.00	31.38 -1.00 0.02	35.40 -1.21 0.00	30.31 -0.93 -0.35	25.96 -0.65 -0.43	22.52 -0.84 -0.09	22.63 -1.19 0.00	22.08 -1.36 0.00
SOUTH CAIRO___GT 23612	26.11 1.71 0.00	25.38 1.59 0.00	24.54 1.58 0.00	25.44 1.66 0.00	27.06 1.77 0.00	29.71 2.02 0.00	38.09 2.95 0.00	43.05 2.46 -8.16	33.89 1.86 -2.91	28.79 1.46 -0.86	27.23 1.61 0.00	23.83 1.28 0.00	21.84 1.06 0.00	21.28 0.97 0.00	21.24 0.97 0.00	22.01 1.19 0.00	25.27 1.54 0.00	34.87 2.46 0.00	39.67 2.96 -0.10	35.87 2.01 -2.97	31.36 1.52 -3.65	25.57 1.51 -0.80	25.28 1.45 0.00	24.90 1.45 0.00
SOUTH HAMPTN___IC 23720	29.98 2.54 -3.03	28.20 2.45 -1.96	25.25 2.30 0.00	26.06 2.28 0.00	28.12 2.50 -0.33	31.99 2.74 -1.55	41.21 4.18 -1.89	43.63 4.12 -7.09	41.09 3.81 -8.17	35.24 3.39 -5.37	31.63 3.25 -2.76	28.83 2.84 -3.45	27.62 2.47 -4.37	27.17 2.29 -4.57	28.94 2.29 -6.39	33.26 2.58 -9.86	35.36 3.04 -8.59	50.37 4.18 -13.78	56.63 4.61 -15.40	51.20 3.99 -16.33	45.86 3.33 -16.35	36.90 3.00 -10.63	32.35 2.91 -5.62	29.21 2.53 -3.23
SOUTHDOW_115KV_TB1 355954	23.09 -1.32 0.00	22.76 -1.02 0.00	22.08 -0.87 0.00	22.87 -0.90 0.00	24.35 -0.94 0.00	27.17 -0.53 0.00	34.69 -0.46 0.00	32.79 -0.91 -1.28	28.69 -0.87 -0.46	25.90 -0.72 -0.13	25.77 0.15 0.00	22.99 0.45 0.00	21.13 0.35 0.00	20.32 0.02 0.00	20.04 -0.22 0.00	20.80 -0.02 0.00	23.56 -0.17 0.00	31.72 -2.12 0.01	34.50 -2.01 -0.01	29.34 -2.01 -0.46	25.27 -1.49 -0.57	21.53 -1.86 -0.12	22.30 -1.52 0.00	21.78 -1.66 0.00
SOUTHOLD_69_KV_BK 2 55809	30.15 2.71 -3.03	28.38 2.64 -1.96	25.46 2.50 0.00	26.27 2.50 0.00	28.30 2.68 -0.33	32.21 2.96 -1.55	41.53 4.50 -1.89	43.99 4.47 -7.09	41.38 4.10 -8.17	35.48 3.63 -5.37	31.84 3.46 -2.76	29.01 3.02 -3.45	27.79 2.64 -4.37	27.33 2.46 -4.57	29.10 2.45 -6.39	33.45 2.77 -9.86	35.64 3.32 -8.59	50.85 4.67 -13.78	57.17 5.16 -15.40	51.69 4.48 -16.33	46.33 3.80 -16.34	37.27 3.37 -10.63	32.71 3.26 -5.62	29.54 2.86 -3.23
SOUTHOLD___IC 23719	30.20 2.76 -3.03	28.38 2.64 -1.96	25.46 2.50 0.00	26.27 2.50 0.00	28.30 2.68 -0.33	32.21 2.96 -1.55	41.53 4.50 -1.89	43.99 4.48 -7.09	41.38 4.11 -8.17	35.48 3.63 -5.37	31.84 3.46 -2.76	29.02 3.02 -3.45	27.79 2.64 -4.37	27.33 2.46 -4.57	29.10 2.45 -6.39	33.47 2.79 -9.86	35.64 3.32 -8.59	50.85 4.67 -13.78	57.21 5.20 -15.40	51.69 4.48 -16.33	46.31 3.77 -16.34	37.27 3.37 -10.63	32.71 3.26 -5.62	29.54 2.86 -3.23
SOUTH_FORK_WT_PWR 323839	30.10 2.66 -3.03	28.29 2.55 -1.96	25.37 2.41 0.00	26.18 2.40 0.00	28.20 2.58 -0.33	32.07 2.83 -1.55	41.35 4.32 -1.89	43.83 4.31 -7.09	41.24 3.96 -8.17	35.38 3.52 -5.37	31.73 3.35 -2.76	28.92 2.93 -3.45	27.73 2.58 -4.37	27.25 2.37 -4.57	29.04 2.39 -6.39	33.38 2.71 -9.86	35.57 3.25 -8.59	50.82 4.63 -13.78	57.17 5.16 -15.40	51.69 4.48 -16.33	46.31 3.77 -16.34	37.30 3.40 -10.63	32.71 3.26 -5.62	29.56 2.88 -3.23
SPIERFLS_115KV_TB 1 80737	25.67 1.27 0.00	24.93 1.14 0.00	24.03 1.08 0.00	24.99 1.21 0.00	26.60 1.31 0.00	29.22 1.52 0.00	37.46 2.32 0.00	43.50 2.17 -8.90	34.06 1.78 -3.18	28.93 1.51 -0.93	27.15 1.54 0.00	23.74 1.19 0.00	21.71 0.93 0.00	21.18 0.87 0.00	21.05 0.79 0.00	21.82 1.00 0.00	25.01 1.28 0.00	34.45 2.04 0.00	39.21 2.49 -0.11	36.04 1.92 -3.24	31.80 1.62 -3.99	25.39 1.26 -0.87	25.04 1.21 0.00	24.36 0.91 0.00
ST LAWRENCE____ 23600	24.04 -0.37 0.00	23.53 -0.26 0.00	22.68 -0.27 0.00	23.56 -0.21 0.00	25.01 -0.28 0.00	27.33 -0.36 0.00	34.27 -0.88 0.00	31.32 -1.10 0.00	28.09 -1.02 0.00	25.53 -0.95 0.00	24.72 -0.90 0.00	21.73 -0.81 0.00	20.13 -0.64 0.00	19.80 -0.51 0.00	19.82 -0.45 0.00	20.22 -0.60 0.00	23.09 -0.64 0.00	31.50 -0.91 0.00	35.66 -0.95 0.00	30.08 -0.80 0.00	25.56 -0.63 0.00	22.71 -0.56 0.00	23.47 -0.36 0.00	23.37 -0.07 0.00
STATE_CA_115KV_115_LB 55624	25.26 0.85 0.00	24.59 0.81 0.00	23.76 0.80 0.00	24.59 0.81 0.00	26.12 0.83 0.00	28.63 0.94 0.00	36.65 1.51 0.00	42.61 1.49 -8.70	33.56 1.34 -3.10	28.61 1.22 -0.91	26.84 1.23 0.00	23.67 1.13 0.00	21.77 1.00 0.00	21.20 0.89 0.00	21.12 0.85 0.00	21.82 1.00 0.00	24.85 1.12 0.00	33.93 1.52 0.00	38.44 1.72 -0.10	35.44 1.39 -3.17	31.26 1.18 -3.89	25.16 1.05 -0.85	24.85 1.02 0.00	24.41 0.96 0.00
STATE_ST_34_KV_LOAD 55959	24.04 -0.37 0.00	23.45 -0.33 0.00	22.63 -0.32 0.00	23.47 -0.31 0.00	24.98 -0.30 0.00	27.53 -0.17 0.00	35.07 -0.07 0.00	33.74 0.29 -1.03	29.74 0.26 -0.37	26.78 0.19 -0.11	25.79 0.18 0.00	22.65 0.11 0.00	20.82 0.04 0.00	20.22 -0.08 0.00	20.14 -0.12 0.00	20.80 -0.02 0.00	23.78 0.05 0.00	32.53 0.10 -0.03	36.71 0.07 -0.03	31.29 0.03 -0.37	26.73 0.08 -0.46	23.23 -0.14 -0.10	23.49 -0.33 0.00	22.98 -0.47 0.00
STATION 5_MISC_HYD 23604	22.97 -1.44 0.00	22.48 -1.31 0.00	21.74 -1.22 0.00	22.52 -1.26 0.00	23.85 -1.44 0.00	26.34 -1.36 0.00	33.35 -1.79 0.00	32.52 -0.87 -0.97	28.64 -0.81 -0.35	25.84 -0.74 -0.10	24.69 -0.92 0.00	21.87 -0.68 0.00	20.07 -0.71 0.00	19.47 -0.83 0.00	19.35 -0.91 0.00	20.01 -0.81 0.00	22.69 -1.04 0.00	30.90 -1.49 0.02	34.82 -1.79 0.00	29.95 -1.30 -0.35	25.42 -1.20 -0.44	22.22 -1.14 -0.09	22.32 -1.50 0.00	21.78 -1.66 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	23.53 -0.88 0.00	22.98 -0.81 0.00	22.20 -0.76 0.00	23.02 -0.76 0.00	24.45 -0.83 0.00	27.03 -0.66 0.00	34.33 -0.81 0.00	33.27 -0.13 -0.98	29.32 -0.15 -0.35	26.43 -0.16 -0.10	25.36 -0.26 0.00	22.36 -0.18 0.00	20.51 -0.27 0.00	19.90 -0.41 0.00	19.80 -0.47 0.00	20.47 -0.35 0.00	23.30 -0.43 0.00	31.78 -0.58 0.04	35.86 -0.73 0.01	30.72 -0.53 -0.36	26.29 -0.34 -0.44	22.80 -0.56 -0.10	22.92 -0.91 0.00	22.39 -1.05 0.00



STA_56___34_KV_BUS2_REV_LBMP_B 345033	22.92 -1.49 0.00	22.41 -1.38 0.00	21.65 -1.31 0.00	22.45 -1.33 0.00	23.79 -1.49 0.00	26.28 -1.41 0.00	33.28 -1.86 0.00	32.41 -0.97 -0.96	28.55 -0.90 -0.34	25.79 -0.79 -0.10	24.64 -0.97 0.00	21.80 -0.74 0.00	20.01 -0.77 0.00	19.41 -0.89 0.00	19.29 -0.97 0.00	19.95 -0.87 0.00	22.64 -1.09 0.00	30.83 -1.56 0.02	34.74 -1.87 0.00	29.88 -1.36 -0.35	25.65 -0.97 -0.43	22.24 -1.12 -0.09	22.30 -1.52 0.00	21.73 -1.71 0.00
STA_56___34_KV_BUS2 355983	22.92 -1.49 0.00	22.41 -1.38 0.00	21.65 -1.31 0.00	22.45 -1.33 0.00	23.79 -1.49 0.00	26.28 -1.41 0.00	33.28 -1.86 0.00	32.41 -0.97 -0.96	28.55 -0.90 -0.34	25.79 -0.79 -0.10	24.64 -0.97 0.00	21.80 -0.74 0.00	20.01 -0.77 0.00	19.41 -0.89 0.00	19.29 -0.97 0.00	19.95 -0.87 0.00	22.64 -1.09 0.00	30.83 -1.56 0.02	34.74 -1.87 0.00	29.88 -1.36 -0.35	25.65 -0.97 -0.43	22.24 -1.12 -0.09	22.30 -1.52 0.00	21.73 -1.71 0.00
STA_67___115KV_BK2 355882	22.94 -1.46 0.00	22.43 -1.36 0.00	21.69 -1.26 0.00	22.47 -1.31 0.00	23.82 -1.47 0.00	26.31 -1.38 0.00	33.28 -1.86 0.00	32.44 -0.94 -0.96	28.58 -0.87 -0.34	25.79 -0.79 -0.10	24.64 -0.97 0.00	21.82 -0.72 0.00	20.03 -0.75 0.00	19.43 -0.87 0.00	19.31 -0.95 0.00	19.97 -0.85 0.00	22.64 -1.09 0.00	30.80 -1.59 0.02	34.71 -1.90 0.00	29.88 -1.36 -0.35	25.68 -0.94 -0.43	22.24 -1.12 -0.09	22.30 -1.52 0.00	21.76 -1.69 0.00
STA_7___115KV_9TRANS 80674	23.06 -1.34 0.00	22.55 -1.24 0.00	21.81 -1.15 0.00	22.59 -1.19 0.00	23.95 -1.34 0.00	26.47 -1.22 0.00	33.49 -1.65 0.00	32.67 -0.71 -0.96	28.76 -0.70 -0.34	25.97 -0.61 -0.10	24.82 -0.79 0.00	21.98 -0.56 0.00	20.17 -0.60 0.00	19.55 -0.75 0.00	19.43 -0.83 0.00	20.09 -0.73 0.00	22.81 -0.93 0.00	31.06 -1.33 0.02	35.00 -1.61 0.00	30.10 -1.14 -0.35	25.86 -0.76 -0.43	22.38 -0.98 -0.09	22.44 -1.38 0.00	21.87 -1.57 0.00
STA_82___115KV_TB1 80780	22.94 -1.46 0.00	22.45 -1.33 0.00	21.72 -1.24 0.00	22.47 -1.31 0.00	23.82 -1.47 0.00	26.31 -1.38 0.00	33.28 -1.86 0.00	32.45 -0.94 -0.97	28.58 -0.87 -0.34	25.82 -0.77 -0.10	24.67 -0.95 0.00	21.84 -0.70 0.00	20.05 -0.73 0.00	19.43 -0.87 0.00	19.31 -0.95 0.00	19.97 -0.85 0.00	22.64 -1.09 0.00	30.83 -1.56 0.02	34.75 -1.87 0.00	29.88 -1.36 -0.35	25.71 -0.92 -0.43	22.27 -1.09 -0.09	22.30 -1.52 0.00	21.76 -1.69 0.00
STEEL___WIND 323596	22.60 -1.81 0.00	22.24 -1.55 0.00	21.53 -1.42 0.00	22.23 -1.55 0.00	23.52 -1.77 0.00	26.09 -1.61 0.00	32.79 -2.35 0.00	31.43 -2.17 -1.18	27.55 -1.98 -0.42	24.86 -1.75 -0.12	24.39 -1.23 0.00	21.75 -0.79 0.00	20.01 -0.77 0.00	19.29 -1.01 0.00	19.07 -1.20 0.00	19.80 -1.02 0.00	22.33 -1.40 0.00	30.09 -2.30 0.01	33.25 -3.37 -0.01	28.51 -2.81 -0.43	24.28 -2.44 -0.53	21.33 -2.05 -0.12	21.70 -2.12 0.00	21.24 -2.20 0.00
STEPHTWN_115KV_BK_2 55603	25.48 1.07 0.00	24.79 1.00 0.00	23.94 0.99 0.00	24.78 1.00 0.00	26.35 1.06 0.00	28.91 1.22 0.00	37.01 1.86 0.00	42.82 1.78 -8.61	33.76 1.57 -3.07	28.76 1.38 -0.90	27.02 1.41 0.00	23.80 1.26 0.00	21.86 1.08 0.00	21.30 0.99 0.00	21.22 0.95 0.00	21.95 1.12 0.00	25.01 1.28 0.00	34.19 1.78 0.00	38.80 2.09 -0.10	35.69 1.67 -3.13	31.46 1.41 -3.85	25.32 1.21 -0.84	25.01 1.19 0.00	24.55 1.10 0.00
STEUBEN_REC_LFGE 323667	24.43 0.02 0.00	23.93 0.14 0.00	23.16 0.21 0.00	24.06 0.29 0.00	25.69 0.40 0.00	28.50 0.80 0.00	36.48 1.34 0.00	35.46 1.30 -1.74	30.84 1.11 -0.62	27.54 0.87 -0.18	26.84 1.23 0.00	23.67 1.13 0.00	21.71 0.93 0.00	20.97 0.67 0.00	20.87 0.61 0.00	21.65 0.83 0.00	24.82 1.09 0.00	33.89 1.46 -0.03	37.75 1.10 -0.04	32.20 0.68 -0.63	27.54 0.58 -0.78	23.48 0.05 -0.17	23.85 0.02 0.00	23.28 -0.16 0.00
STILLWATER___SOLAR 323814	25.72 1.32 0.00	24.98 1.19 0.00	24.10 1.15 0.00	24.99 1.21 0.00	26.60 1.31 0.00	29.19 1.49 0.00	37.36 2.22 0.00	43.38 2.08 -8.88	34.06 1.78 -3.17	28.98 1.56 -0.93	27.15 1.54 0.00	23.83 1.28 0.00	21.84 1.06 0.00	21.28 0.97 0.00	21.20 0.93 0.00	21.92 1.10 0.00	25.06 1.33 0.00	34.45 2.04 0.00	39.06 2.35 -0.11	36.00 1.88 -3.23	31.74 1.57 -3.97	25.46 1.33 -0.87	25.11 1.29 0.00	24.47 1.03 0.00
STONY___BROOK 24151	29.78 2.34 -3.03	27.98 2.24 -1.96	25.04 2.09 0.00	25.85 2.07 0.00	27.92 2.30 -0.33	31.79 2.55 -1.55	40.97 3.94 -1.89	43.42 3.89 -7.10	40.92 3.64 -8.17	35.14 3.28 -5.37	31.48 3.10 -2.76	28.70 2.70 -3.45	27.54 2.39 -4.37	27.07 2.19 -4.57	28.84 2.19 -6.39	33.13 2.46 -9.86	35.17 2.85 -8.59	51.50 3.98 -15.11	57.56 4.39 -16.56	52.43 3.77 -17.77	46.88 3.14 -17.55	36.71 2.79 -10.65	32.11 2.67 -5.62	28.93 2.25 -3.23
STURGEON_POOL_HYD 23609	25.77 1.37 0.00	25.07 1.28 0.00	24.17 1.22 0.00	24.97 1.19 0.00	26.60 1.31 0.00	29.13 1.44 0.00	37.57 2.42 0.00	41.89 2.24 -7.23	33.79 2.10 -2.58	29.15 1.91 -0.76	27.54 1.92 0.00	24.21 1.67 0.00	22.19 1.41 0.00	21.56 1.26 0.00	21.48 1.22 0.00	22.22 1.40 0.00	25.42 1.68 0.00	34.83 2.43 0.00	39.30 2.60 -0.09	35.62 2.10 -2.63	31.23 1.81 -3.24	25.53 1.56 -0.71	25.39 1.57 0.00	24.66 1.22 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	25.63 1.22 0.00	24.93 1.14 0.00	24.06 1.10 0.00	24.82 1.05 0.00	26.42 1.14 0.00	28.97 1.27 0.00	37.32 2.18 0.00	41.22 2.24 -6.56	33.52 2.07 -2.34	29.08 1.91 -0.69	27.38 1.77 0.00	24.10 1.56 0.00	22.13 1.35 0.00	21.50 1.20 0.00	21.42 1.16 0.00	22.13 1.31 0.00	25.30 1.57 0.00	34.64 2.24 0.00	39.14 2.45 -0.08	35.41 2.13 -2.39	30.94 1.81 -2.94	25.49 1.58 -0.64	25.28 1.45 0.00	24.57 1.13 0.00
SWANROAD_115KV_TB1 355699	21.89 -2.51 0.00	21.53 -2.26 0.00	20.84 -2.11 0.00	21.52 -2.26 0.00	22.73 -2.55 0.00	25.09 -2.60 0.00	31.42 -3.73 0.00	30.55 -2.98 -1.11	26.83 -2.68 -0.39	24.21 -2.38 -0.12	23.39 -2.23 0.00	20.87 -1.67 0.00	19.18 -1.60 0.00	18.52 -1.79 0.00	18.34 -1.93 0.00	19.01 -1.81 0.00	21.43 -2.30 0.00	28.89 -3.50 0.01	32.04 -4.58 -0.01	27.74 -3.55 -0.40	24.17 -2.51 -0.50	20.74 -2.63 -0.11	20.99 -2.83 0.00	20.49 -2.95 0.00
SYNERGY___BIOGAS 323694	22.79 -1.61 0.00	22.36 -1.43 0.00	21.65 -1.31 0.00	22.42 -1.35 0.00	23.72 -1.57 0.00	26.28 -1.41 0.00	33.18 -1.97 0.00	32.28 -1.20 -1.06	28.35 -1.14 -0.38	25.56 -1.03 -0.11	24.59 -1.03 0.00	21.84 -0.70 0.00	20.05 -0.73 0.00	19.37 -0.93 0.00	19.21 -1.05 0.00	19.93 -0.89 0.00	22.57 -1.16 0.00	30.61 -1.78 0.01	34.27 -2.34 0.00	29.48 -1.79 -0.39	24.99 -1.68 -0.47	21.88 -1.49 -0.10	22.04 -1.79 0.00	21.48 -1.97 0.00
SYRACUSE___ENERGY_ST1 323597	23.89 -0.51 0.00	23.29 -0.50 0.00	22.50 -0.46 0.00	23.30 -0.48 0.00	24.81 -0.48 0.00	27.25 -0.44 0.00	34.65 -0.49 0.00	33.15 -0.13 -0.85	29.30 -0.12 -0.30	26.44 -0.13 -0.09	25.49 -0.13 0.00	22.41 -0.14 0.00	20.61 -0.17 0.00	20.06 -0.24 0.00	19.98 -0.28 0.00	20.59 -0.23 0.00	23.49 -0.24 0.00	32.09 -0.32 -0.01	36.26 -0.37 -0.02	30.86 -0.34 -0.31	26.36 -0.21 -0.38	23.00 -0.35 -0.08	23.30 -0.52 0.00	22.83 -0.61 0.00



SYRACUSE___ENERGY_ST2 323598	23.89 -0.51 0.00	23.29 -0.50 0.00	22.50 -0.46 0.00	23.30 -0.48 0.00	24.81 -0.48 0.00	27.25 -0.44 0.00	34.65 -0.49 0.00	33.15 -0.13 -0.85	29.30 -0.12 -0.30	26.44 -0.13 -0.09	25.49 -0.13 0.00	22.41 -0.14 0.00	20.61 -0.17 0.00	20.06 -0.24 0.00	19.98 -0.28 0.00	20.59 -0.23 0.00	23.49 -0.24 0.00	32.09 -0.32 -0.01	36.26 -0.37 -0.02	30.86 -0.34 -0.31	26.36 -0.21 -0.38	23.00 -0.35 -0.08	23.30 -0.52 0.00	22.83 -0.61 0.00
SYRACUSE___POWER 24017	23.87 -0.54 0.00	23.29 -0.50 0.00	22.50 -0.46 0.00	23.30 -0.48 0.00	24.81 -0.48 0.00	27.22 -0.47 0.00	34.62 -0.53 0.00	33.11 -0.19 -0.88	29.28 -0.15 -0.32	26.44 -0.13 -0.09	25.49 -0.13 0.00	22.43 -0.11 0.00	20.61 -0.17 0.00	20.06 -0.24 0.00	19.98 -0.28 0.00	20.59 -0.23 0.00	23.49 -0.24 0.00	32.05 -0.36 -0.01	36.19 -0.44 -0.01	30.84 -0.37 -0.32	26.35 -0.24 -0.40	23.00 -0.35 -0.09	23.30 -0.52 0.00	22.81 -0.63 0.00
TALLMAN__138KV_BK151 55660	25.77 1.37 0.00	25.07 1.28 0.00	24.17 1.22 0.00	24.94 1.17 0.00	26.58 1.29 0.00	29.11 1.41 0.00	37.53 2.39 0.00	41.65 2.50 -6.73	33.84 2.33 -2.40	29.36 2.17 -0.71	27.61 2.00 0.00	24.32 1.78 0.00	22.34 1.56 0.00	21.68 1.38 0.00	21.58 1.32 0.00	22.34 1.52 0.00	25.51 1.78 0.00	34.93 2.53 0.00	39.47 2.78 -0.08	35.74 2.41 -2.45	31.25 2.04 -3.01	25.71 1.79 -0.66	25.47 1.64 0.00	24.71 1.27 0.00
TEALLAVE_115KV_TB7 355573	23.72 -0.68 0.00	23.14 -0.64 0.00	22.34 -0.62 0.00	23.16 -0.62 0.00	24.63 -0.66 0.00	27.03 -0.66 0.00	34.33 -0.81 0.00	32.76 -0.42 -0.76	29.06 -0.32 -0.27	26.27 -0.29 -0.08	25.33 -0.28 0.00	22.29 -0.25 0.00	20.49 -0.29 0.00	19.94 -0.37 0.00	19.88 -0.39 0.00	20.49 -0.33 0.00	23.33 -0.40 0.00	31.79 -0.62 0.00	35.89 -0.73 -0.01	30.55 -0.62 -0.28	26.11 -0.42 -0.34	22.85 -0.49 -0.07	23.16 -0.67 0.00	22.67 -0.77 0.00
TELGRAPH_34_KV_EAST 80808	22.45 -1.95 0.00	22.05 -1.74 0.00	21.33 -1.63 0.00	22.07 -1.71 0.00	23.34 -1.95 0.00	25.81 -1.88 0.00	32.47 -2.67 0.00	31.58 -1.91 -1.07	27.75 -1.75 -0.38	25.03 -1.56 -0.11	24.13 -1.49 0.00	21.50 -1.04 0.00	19.74 -1.04 0.00	19.07 -1.24 0.00	18.89 -1.38 0.00	19.59 -1.23 0.00	22.12 -1.61 0.00	29.93 -2.46 0.01	33.28 -3.33 0.00	28.74 -2.53 -0.39	24.92 -1.75 -0.48	21.42 -1.95 -0.10	21.63 -2.19 0.00	21.08 -2.37 0.00
TEMPLE___115KV_TB 2 55572	23.75 -0.66 0.00	23.14 -0.64 0.00	22.36 -0.60 0.00	23.16 -0.62 0.00	24.65 -0.63 0.00	27.06 -0.77 0.00	34.37 -0.77 0.00	32.80 -0.39 -0.77	29.09 -0.29 -0.27	26.30 -0.26 -0.08	25.36 -0.26 0.00	22.32 -0.23 0.00	20.51 -0.27 0.00	19.96 -0.35 0.00	19.90 -0.36 0.00	20.49 -0.33 0.00	23.35 -0.38 0.00	31.82 -0.58 0.00	35.93 -0.70 -0.01	30.58 -0.59 -0.28	26.14 -0.39 -0.34	22.87 -0.47 -0.07	23.18 -0.64 0.00	22.69 -0.75 0.00
TIANA____69_KV_BK 1 55817	29.88 2.44 -3.03	28.15 2.40 -1.96	25.20 2.25 0.00	26.04 2.26 0.00	28.07 2.45 -0.33	31.93 2.69 -1.55	41.18 4.15 -1.89	43.56 4.05 -7.09	41.06 3.78 -8.17	35.19 3.34 -5.37	31.58 3.20 -2.76	28.79 2.80 -3.45	27.58 2.43 -4.37	27.13 2.25 -4.57	28.90 2.25 -6.39	33.22 2.54 -9.86	35.31 2.99 -8.59	50.30 4.12 -13.78	56.48 4.47 -15.40	51.11 3.89 -16.33	45.83 3.30 -16.34	36.83 2.93 -10.63	32.28 2.83 -5.62	29.14 2.46 -3.23
TILDEN___115KV_TB1 80814	23.87 -0.54 0.00	23.29 -0.50 0.00	22.50 -0.46 0.00	23.30 -0.48 0.00	24.81 -0.48 0.00	27.22 -0.47 0.00	34.62 -0.53 0.00	33.11 -0.19 -0.88	29.28 -0.15 -0.32	26.44 -0.13 -0.09	25.49 -0.13 0.00	22.43 -0.11 0.00	20.61 -0.17 0.00	20.06 -0.24 0.00	19.98 -0.28 0.00	20.59 -0.23 0.00	23.49 -0.24 0.00	32.05 -0.36 -0.01	36.19 -0.44 -0.01	30.84 -0.37 -0.32	26.35 -0.24 -0.40	23.00 -0.35 -0.09	23.30 -0.52 0.00	22.81 -0.63 0.00
TRIGEN___CC 323695	29.34 1.90 -3.03	27.55 1.81 -1.96	24.65 1.70 0.00	25.44 1.66 0.00	27.44 1.82 -0.33	31.27 2.02 -1.55	40.23 3.20 -1.89	42.60 3.18 -6.99	40.31 3.03 -8.17	34.66 2.81 -5.37	31.02 2.64 -2.76	28.36 2.37 -3.45	27.23 2.08 -4.37	26.77 1.89 -4.57	28.50 1.84 -6.39	32.72 2.04 -9.86	34.67 2.35 -8.59	40.88 3.27 -5.21	48.17 3.59 -7.97	41.05 3.12 -7.04	37.45 2.67 -8.59	36.11 2.33 -10.52	31.64 2.19 -5.62	28.48 1.81 -3.23
TRINITY__115KV__ 4 BK 55933	25.21 0.81 0.00	24.55 0.76 0.00	23.71 0.76 0.00	24.51 0.74 0.00	26.04 0.76 0.00	28.55 0.86 0.00	36.55 1.41 0.00	42.41 1.36 -8.63	33.44 1.25 -3.08	28.53 1.14 -0.91	26.74 1.13 0.00	23.60 1.06 0.00	21.71 0.93 0.00	21.14 0.83 0.00	21.05 0.79 0.00	21.76 0.94 0.00	24.75 1.02 0.00	33.80 1.39 0.00	38.29 1.57 -0.10	35.30 1.27 -3.14	31.15 1.10 -3.86	25.08 0.98 -0.84	24.75 0.93 0.00	24.34 0.89 0.00
UNION___PROCESSING_DRP 323587	22.94 -1.46 0.00	22.45 -1.33 0.00	21.72 -1.24 0.00	22.49 -1.28 0.00	23.84 -1.44 0.00	26.34 -1.36 0.00	33.32 -1.83 0.00	32.48 -0.91 -0.97	28.61 -0.84 -0.35	25.82 -0.77 -0.10	24.67 -0.95 0.00	21.84 -0.70 0.00	20.05 -0.73 0.00	19.45 -0.85 0.00	19.33 -0.93 0.00	19.97 -0.85 0.00	22.66 -1.07 0.00	30.83 -1.56 0.02	34.75 -1.87 0.00	29.91 -1.33 -0.35	25.71 -0.92 -0.43	22.27 -1.09 -0.09	22.32 -1.50 0.00	21.76 -1.69 0.00
UPPER HUDSON___HYD 24058	25.70 1.29 0.00	24.93 1.14 0.00	24.03 1.08 0.00	24.99 1.21 0.00	26.60 1.31 0.00	29.22 1.52 0.00	37.46 2.32 0.00	43.52 2.17 -8.92	34.07 1.78 -3.18	28.93 1.51 -0.94	27.15 1.54 0.00	23.74 1.19 0.00	21.71 0.94 0.00	21.18 0.87 0.00	21.05 0.79 0.00	21.82 1.00 0.00	24.99 1.26 0.00	34.45 2.04 0.00	39.17 2.45 -0.11	36.05 1.92 -3.25	31.76 1.57 -3.99	25.42 1.28 -0.87	25.04 1.21 0.00	24.36 0.91 0.00
UPPER RAQUET___HYD 24056	23.60 -0.80 0.00	23.24 -0.55 0.00	22.40 -0.55 0.00	23.32 -0.45 0.00	24.71 -0.58 0.00	27.08 -0.61 0.00	33.84 -1.30 0.00	30.93 -1.49 0.00	27.77 -1.34 0.00	25.21 -1.27 0.00	24.46 -1.15 0.00	21.53 -1.01 0.00	19.91 -0.87 0.00	19.57 -0.73 0.00	19.61 -0.65 0.00	19.97 -0.85 0.00	22.88 -0.85 0.00	31.30 -1.10 0.00	35.55 -1.06 0.00	29.93 -0.96 0.00	25.30 -0.89 0.00	22.50 -0.77 0.00	23.44 -0.38 0.00	23.40 -0.05 0.00
VALLEY44_115KV_TB2 355964	23.36 -1.05 0.00	22.98 -0.81 0.00	22.24 -0.71 0.00	22.92 -0.86 0.00	24.33 -0.96 0.00	26.92 -0.78 0.00	34.23 -0.91 0.00	31.41 -2.33 -1.32	27.37 -2.21 -0.47	24.69 -1.93 -0.14	25.08 -0.54 0.00	22.38 -0.16 0.00	20.59 -0.19 0.00	19.80 -0.51 0.00	19.58 -0.69 0.00	20.34 -0.48 0.00	23.00 -0.74 0.00	31.01 -1.39 0.00	33.29 -3.33 -0.01	28.34 -3.03 -0.48	24.53 -2.25 -0.59	21.04 -2.35 -0.13	22.42 -1.41 0.00	22.04 -1.41 0.00
VALLEY___115KV_TB 1-4 80826	24.87 0.46 0.00	24.24 0.45 0.00	23.41 0.46 0.00	24.25 0.48 0.00	25.82 0.53 0.00	28.36 0.66 0.00	36.09 0.95 0.00	33.40 0.97 0.00	30.01 0.90 0.00	27.28 0.79 0.00	26.41 0.79 0.00	23.19 0.65 0.00	21.28 0.50 0.00	20.77 0.47 0.00	20.73 0.47 0.00	21.36 0.54 0.00	24.40 0.66 0.00	33.41 1.00 0.00	37.71 1.10 0.00	31.72 0.83 0.00	26.77 0.58 0.00	23.68 0.42 0.00	24.08 0.26 0.00	23.61 0.16 0.00



VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	25.82 1.42 0.00	25.19 1.40 0.00	24.31 1.35 0.00	25.13 1.36 0.00	26.78 1.49 0.00	29.49 1.80 0.00	37.71 2.57 0.00	38.08 2.53 -3.13	32.59 2.36 -1.12	28.90 2.09 -0.33	27.74 2.13 0.00	24.25 1.71 0.00	22.21 1.43 0.00	21.56 1.26 0.00	21.50 1.24 0.00	22.20 1.37 0.00	25.44 1.71 0.00	34.94 2.53 -0.01	39.55 2.89 -0.04	34.34 2.32 -1.14	29.50 1.91 -1.40	25.15 1.58 -0.31	25.30 1.48 0.00	24.71 1.27 0.00
VISCHER___FERRY HYD 24020	25.53 1.12 0.00	24.83 1.05 0.00	23.94 0.99 0.00	24.80 1.02 0.00	26.37 1.09 0.00	28.91 1.22 0.00	37.00 1.86 0.00	42.94 1.78 -8.74	33.86 1.63 -3.12	28.85 1.46 -0.92	27.05 1.43 0.00	23.78 1.24 0.00	21.86 1.08 0.00	21.28 0.97 0.00	21.20 0.93 0.00	21.90 1.08 0.00	24.99 1.26 0.00	34.22 1.81 0.00	38.73 2.01 -0.10	35.76 1.70 -3.18	31.52 1.41 -3.91	25.35 1.23 -0.85	25.01 1.19 0.00	24.45 1.01 0.00
V_A_10_SYNC_DSASP 323832	22.28 -2.12 0.00	21.88 -1.90 0.00	21.16 -1.79 0.00	21.87 -1.90 0.00	23.14 -2.15 0.00	25.56 -2.13 0.00	32.12 -3.02 0.00	31.52 -1.94 -1.04	27.74 -1.75 -0.37	25.05 -1.54 -0.11	23.90 -1.72 0.00	21.28 -1.26 0.00	19.55 -1.23 0.00	18.90 -1.40 0.00	18.74 -1.52 0.00	19.43 -1.39 0.00	21.93 -1.80 0.00	29.67 -2.72 0.01	33.32 -3.30 0.00	28.82 -2.44 -0.38	24.56 -2.10 -0.46	21.48 -1.88 -0.10	21.54 -2.29 0.00	21.03 -2.41 0.00
V_CMM_10_SYNC_DSASP 323787	24.14 -0.27 0.00	23.62 -0.17 0.00	22.77 -0.18 0.00	23.64 -0.14 0.00	25.11 -0.18 0.00	27.44 -0.25 0.00	34.40 -0.74 0.00	31.45 -0.97 0.00	28.21 -0.90 0.00	25.63 -0.85 0.00	24.82 -0.79 0.00	21.82 -0.72 0.00	20.20 -0.58 0.00	19.88 -0.43 0.00	19.90 -0.36 0.00	20.30 -0.52 0.00	23.16 -0.57 0.00	31.63 -0.78 0.00	35.81 -0.81 0.00	30.21 -0.68 0.00	25.64 -0.55 0.00	22.80 -0.47 0.00	23.56 -0.26 0.00	23.44 0.00 0.00
V_CMP_10_SYNC_DSASP 323788	24.16 -0.24 0.00	23.64 -0.14 0.00	22.77 -0.18 0.00	23.75 -0.02 0.00	25.29 0.00 0.00	27.75 0.06 0.00	34.83 -0.32 0.00	31.94 -0.49 0.00	28.70 -0.41 0.00	26.09 -0.40 0.00	25.13 -0.49 0.00	22.00 -0.54 0.00	20.32 -0.46 0.00	19.98 -0.33 0.00	20.10 -0.16 0.00	20.65 -0.17 0.00	24.09 0.36 0.00	33.28 0.88 0.00	37.78 1.17 0.00	31.85 0.96 0.00	26.98 0.79 0.00	23.80 0.54 0.00	24.44 0.62 0.00	24.10 0.66 0.00
V_D_10_SYNC_DSASP 323841	24.18 -0.22 0.00	23.74 -0.05 0.00	22.89 -0.07 0.00	23.80 0.02 0.00	25.19 -0.10 0.00	27.56 -0.14 0.00	34.51 -0.63 0.00	31.55 -0.87 0.00	28.30 -0.81 0.00	25.71 -0.77 0.00	24.92 -0.69 0.00	21.91 -0.63 0.00	20.28 -0.50 0.00	19.94 -0.36 0.00	19.96 -0.30 0.00	20.36 -0.46 0.00	23.28 -0.45 0.00	31.76 -0.65 0.00	35.99 -0.62 0.00	30.33 -0.56 0.00	25.75 -0.45 0.00	22.87 -0.40 0.00	23.66 -0.17 0.00	23.61 0.17 0.00
V_E_10_SYNC_DSASP 323830	25.89 1.49 0.00	25.31 1.52 0.00	24.49 1.54 0.00	25.40 1.62 0.00	27.16 1.87 0.00	30.19 2.49 0.00	38.66 3.51 0.00	38.26 3.50 -2.34	33.06 3.12 -0.83	29.27 2.54 -0.25	28.23 2.61 0.00	24.53 1.98 0.00	22.40 1.62 0.00	21.70 1.40 0.00	21.68 1.42 0.00	22.53 1.71 0.00	26.13 2.40 0.00	36.11 3.69 -0.01	40.93 4.28 -0.04	34.95 3.21 -0.85	29.70 2.46 -1.05	25.42 1.93 -0.23	25.47 1.64 0.00	24.78 1.34 0.00
V_F_30_NSYNC___DSASP 323816	25.75 1.34 0.00	25.00 1.21 0.00	24.10 1.15 0.00	25.01 1.24 0.00	26.63 1.34 0.00	29.19 1.49 0.00	37.39 2.25 0.00	43.43 2.11 -8.90	34.09 1.81 -3.17	29.00 1.59 -0.93	27.18 1.56 0.00	23.83 1.28 0.00	21.86 1.08 0.00	21.30 0.99 0.00	21.20 0.93 0.00	21.92 1.10 0.00	25.08 1.35 0.00	34.48 2.08 0.00	39.10 2.38 -0.11	36.04 1.92 -3.24	31.77 1.60 -3.98	25.48 1.35 -0.87	25.11 1.29 0.00	24.47 1.03 0.00
V_F_30_SYNC_DSASP 323786	25.26 0.85 0.00	24.59 0.81 0.00	23.76 0.80 0.00	24.59 0.81 0.00	26.12 0.83 0.00	28.63 0.94 0.00	36.65 1.51 0.00	42.61 1.49 -8.69	33.55 1.34 -3.10	28.61 1.22 -0.91	26.84 1.23 0.00	23.67 1.13 0.00	21.75 0.98 0.00	21.20 0.89 0.00	21.12 0.85 0.00	21.82 1.00 0.00	24.85 1.12 0.00	33.93 1.52 0.00	38.44 1.72 -0.10	35.44 1.39 -3.16	31.26 1.18 -3.89	25.16 1.05 -0.85	24.82 1.00 0.00	24.41 0.96 0.00
V_XM_10_SYNC_DSASP 323789	24.16 -0.24 0.00	23.64 -0.14 0.00	22.77 -0.18 0.00	23.75 -0.02 0.00	25.29 0.00 0.00	27.75 0.06 0.00	34.83 -0.32 0.00	31.94 -0.49 0.00	28.70 -0.41 0.00	26.09 -0.40 0.00	25.13 -0.49 0.00	22.00 -0.54 0.00	20.32 -0.46 0.00	19.98 -0.33 0.00	20.10 -0.16 0.00	20.65 -0.17 0.00	24.09 0.36 0.00	33.28 0.88 0.00	37.78 1.17 0.00	31.85 0.96 0.00	26.98 0.79 0.00	23.80 0.54 0.00	24.44 0.62 0.00	24.10 0.66 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	25.84 1.44 0.00	25.14 1.36 0.00	24.24 1.29 0.00	25.01 1.24 0.00	26.65 1.37 0.00	29.19 1.50 0.00	37.67 2.53 0.00	41.78 2.59 -6.76	33.94 2.42 -2.41	29.44 2.25 -0.71	27.69 2.07 0.00	24.39 1.85 0.00	22.38 1.60 0.00	21.73 1.42 0.00	21.64 1.38 0.00	22.38 1.56 0.00	25.58 1.85 0.00	35.03 2.62 0.00	39.58 2.89 -0.08	35.88 2.53 -2.46	31.37 2.15 -3.03	25.79 1.86 -0.66	25.54 1.72 0.00	24.78 1.34 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	26.16 1.76 0.00	25.45 1.67 0.00	24.49 1.54 0.00	25.28 1.50 0.00	26.96 1.67 0.00	29.52 1.83 0.00	38.20 3.06 0.00	42.57 3.15 -7.00	34.65 3.03 -2.51	30.69 2.81 -1.40	28.27 2.64 -0.02	26.42 2.34 -1.54	26.51 2.08 -3.66	26.18 1.89 -3.99	25.42 1.84 -3.31	26.52 2.04 -3.66	28.61 2.35 -2.53	35.69 3.27 -0.02	40.30 3.59 -0.10	36.57 3.12 -2.56	31.99 2.65 -3.15	26.28 2.30 -0.72	26.01 2.17 -0.02	25.13 1.69 0.00
W50THST__13_KV_LOAD 356117	26.19 1.78 0.00	25.48 1.69 0.00	24.52 1.56 0.00	25.30 1.52 0.00	26.98 1.69 0.00	29.55 1.86 0.00	38.24 3.09 0.00	42.60 3.18 -7.00	34.68 3.06 -2.51	30.72 2.83 -1.40	28.29 2.66 -0.02	26.44 2.37 -1.54	26.53 2.10 -3.66	26.20 1.91 -3.99	25.44 1.86 -3.31	26.54 2.06 -3.66	28.63 2.37 -2.53	35.69 3.27 -0.02	40.30 3.59 -0.10	36.60 3.15 -2.56	32.01 2.67 -3.15	26.28 2.30 -0.72	26.03 2.19 -0.02	25.16 1.71 0.00
WADING RIVER_IC_1 23522	29.76 2.32 -3.03	27.98 2.24 -1.96	25.04 2.09 0.00	25.85 2.07 0.00	27.90 2.28 -0.33	31.71 2.46 -1.55	40.90 3.87 -1.89	43.27 3.76 -7.09	40.83 3.55 -8.17	35.00 3.15 -5.37	31.40 3.02 -2.76	28.63 2.64 -3.45	27.44 2.29 -4.37	26.99 2.11 -4.57	28.76 2.11 -6.39	33.07 2.39 -9.86	35.12 2.80 -8.59	50.00 3.79 -13.81	56.17 4.14 -15.42	50.80 3.55 -16.36	45.55 2.98 -16.37	36.62 2.72 -10.64	32.07 2.62 -5.62	28.95 2.27 -3.23
WADING RIVER_IC_2 23547	29.76 2.32 -3.03	27.98 2.24 -1.96	25.04 2.09 0.00	25.85 2.07 0.00	27.90 2.28 -0.33	31.71 2.46 -1.55	40.90 3.87 -1.89	43.27 3.76 -7.09	40.83 3.55 -8.17	35.00 3.15 -5.37	31.40 3.02 -2.76	28.63 2.64 -3.45	27.44 2.29 -4.37	26.99 2.11 -4.57	28.76 2.11 -6.39	33.07 2.39 -9.86	35.12 2.80 -8.59	50.00 3.79 -13.81	56.17 4.14 -15.42	50.80 3.55 -16.36	45.55 2.98 -16.37	36.62 2.72 -10.64	32.07 2.62 -5.62	28.95 2.27 -3.23



WADING RIVER_IC_3 23601	29.76 2.32 -3.03	27.98 2.24 -1.96	25.04 2.09 0.00	25.85 2.07 0.00	27.90 2.28 -0.33	31.71 2.46 -1.55	40.90 3.87 -1.89	43.27 3.76 -7.09	40.83 3.55 -8.17	35.00 3.15 -5.37	31.40 3.02 -2.76	28.63 2.64 -3.45	27.44 2.29 -4.37	26.99 2.11 -4.57	28.76 2.11 -6.39	33.07 2.39 -9.86	35.12 2.80 -8.59	50.00 3.79 -13.81	56.17 4.14 -15.42	50.80 3.55 -16.36	45.55 2.98 -16.37	36.62 2.72 -10.64	32.07 2.62 -5.62	28.95 2.27 -3.23
WALDENNY_I2_KV_BK2 80841	22.55 -1.85 0.00	22.19 -1.59 0.00	21.49 -1.47 0.00	22.21 -1.57 0.00	23.49 -1.80 0.00	26.03 -1.66 0.00	32.72 -2.42 0.00	31.41 -2.17 -1.16	27.58 -1.95 -0.41	24.88 -1.72 -0.12	24.33 -1.28 0.00	21.73 -0.81 0.00	19.97 -0.81 0.00	19.27 -1.04 0.00	19.05 -1.22 0.00	19.76 -1.06 0.00	22.31 -1.42 0.00	30.06 -2.33 0.01	33.10 -3.51 -0.01	28.50 -2.81 -0.42	24.77 -1.94 -0.52	21.22 -2.16 -0.11	21.70 -2.12 0.00	21.19 -2.25 0.00
WALDEN___HYDRO 24148	25.80 1.39 0.00	25.09 1.31 0.00	24.19 1.24 0.00	24.99 1.21 0.00	26.63 1.34 0.00	29.19 1.50 0.00	37.60 2.46 0.00	41.73 2.46 -6.84	33.77 2.21 -2.44	29.21 2.01 -0.72	27.48 1.87 0.00	24.16 1.62 0.00	22.17 1.39 0.00	21.54 1.24 0.00	21.46 1.20 0.00	22.20 1.37 0.00	25.42 1.68 0.00	34.87 2.46 0.00	39.44 2.75 -0.08	35.69 2.32 -2.49	31.22 1.96 -3.06	25.63 1.70 -0.67	25.39 1.57 0.00	24.69 1.24 0.00
WARRENSBURG____ 23737	25.70 1.29 0.00	24.93 1.14 0.00	24.03 1.08 0.00	24.99 1.21 0.00	26.60 1.31 0.00	29.22 1.52 0.00	37.46 2.32 0.00	43.52 2.17 -8.92	34.07 1.78 -3.18	28.93 1.51 -0.94	27.15 1.54 0.00	23.74 1.19 0.00	21.71 0.94 0.00	21.18 0.87 0.00	21.05 0.79 0.00	21.82 1.00 0.00	24.99 1.26 0.00	34.45 2.04 0.00	39.17 2.45 -0.11	36.05 1.92 -3.25	31.76 1.57 -3.99	25.42 1.28 -0.87	25.04 1.21 0.00	24.36 0.91 0.00
WATERSIDE___6 8 9 23538	26.11 1.71 0.00	25.38 1.59 0.00	24.40 1.45 0.00	25.18 1.40 0.00	26.85 1.57 0.00	29.27 1.58 0.00	37.88 2.74 0.00	42.31 2.89 -7.00	34.45 2.82 -2.51	30.49 2.60 -1.42	28.06 2.43 -0.02	26.28 2.16 -1.57	26.45 1.93 -3.74	26.15 1.77 -4.08	25.35 1.70 -3.38	26.46 1.89 -3.74	28.52 2.21 -2.58	35.50 3.08 -0.02	40.08 3.37 -0.10	36.35 2.90 -2.56	31.80 2.46 -3.15	26.19 2.21 -0.72	25.91 2.07 -0.02	25.04 1.59 0.00
WATKINRD_115KV_LN8_IL 55919	24.82 0.41 0.00	24.19 0.40 0.00	23.35 0.39 0.00	24.18 0.40 0.00	25.74 0.46 0.00	28.25 0.55 0.00	35.95 0.81 0.00	33.23 0.81 0.00	29.87 0.76 0.00	27.17 0.69 0.00	26.28 0.67 0.00	23.08 0.54 0.00	21.21 0.44 0.00	20.71 0.41 0.00	20.67 0.41 0.00	21.28 0.46 0.00	24.30 0.57 0.00	33.25 0.84 0.00	37.56 0.95 0.00	31.63 0.74 0.00	26.74 0.55 0.00	23.71 0.44 0.00	24.18 0.36 0.00	23.70 0.26 0.00
WATSON___69_KV_BK 1 55734	29.88 2.44 -3.03	28.12 2.38 -1.96	25.18 2.23 0.00	25.99 2.21 0.00	28.05 2.43 -0.33	31.96 2.71 -1.55	41.18 4.15 -1.89	43.50 4.05 -7.03	41.09 3.81 -8.17	35.27 3.42 -5.37	31.61 3.23 -2.76	28.81 2.82 -3.45	27.64 2.49 -4.37	27.19 2.31 -4.57	28.94 2.29 -6.39	33.24 2.56 -9.86	35.31 2.99 -8.59	44.55 4.08 -8.07	51.56 4.50 -10.45	44.92 3.89 -10.14	40.62 3.27 -11.15	36.68 2.86 -10.56	32.26 2.81 -5.62	29.05 2.37 -3.23
WDELAWARE___HYD 323627	25.62 1.22 0.00	24.90 1.12 0.00	24.03 1.08 0.00	24.80 1.02 0.00	26.43 1.14 0.00	29.00 1.30 0.00	37.39 2.25 0.00	41.04 2.27 -6.35	33.38 2.01 -2.26	28.90 1.75 -0.67	27.18 1.56 0.00	23.85 1.31 0.00	21.26 0.48 0.00	20.65 0.34 0.00	20.61 0.34 0.00	21.32 0.50 0.00	24.49 0.76 0.00	33.67 1.26 0.00	38.19 1.50 -0.08	34.43 1.24 -2.31	30.71 1.68 -2.84	25.33 1.44 -0.62	25.11 1.29 0.00	24.43 0.98 0.00
WEST BABYLON___IC 23714	29.78 2.34 -3.03	28.00 2.26 -1.96	25.09 2.13 0.00	25.89 2.12 0.00	27.95 2.33 -0.33	31.82 2.58 -1.55	41.00 3.97 -1.89	43.32 3.89 -7.00	40.95 3.67 -8.17	35.16 3.31 -5.37	31.50 3.13 -2.76	28.74 2.75 -3.45	27.58 2.43 -4.37	27.11 2.23 -4.57	28.86 2.21 -6.39	33.13 2.46 -9.86	35.19 2.87 -8.59	42.33 3.99 -5.94	49.61 4.39 -8.60	42.52 3.80 -7.84	38.57 3.20 -9.19	36.59 2.79 -10.53	32.14 2.69 -5.62	28.95 2.27 -3.23
WEST CANADA___HYD 24049	24.60 0.19 0.00	23.95 0.17 0.00	23.12 0.16 0.00	23.95 0.17 0.00	25.46 0.18 0.00	27.91 0.22 0.00	35.57 0.42 0.00	32.84 0.42 0.00	29.52 0.41 0.00	26.85 0.37 0.00	25.95 0.33 0.00	22.83 0.29 0.00	21.03 0.25 0.00	20.53 0.22 0.00	20.47 0.20 0.00	21.07 0.25 0.00	24.04 0.31 0.00	32.86 0.45 0.00	37.09 0.47 0.00	31.29 0.40 0.00	26.51 0.32 0.00	23.52 0.26 0.00	24.04 0.21 0.00	23.59 0.14 0.00
WESTERN_NY_WIND 24143	22.77 -1.64 0.00	22.34 -1.45 0.00	21.62 -1.33 0.00	22.37 -1.40 0.00	23.67 -1.62 0.00	26.23 -1.47 0.00	33.10 -2.04 0.00	32.22 -1.26 -1.06	28.30 -1.19 -0.38	25.51 -1.09 -0.11	24.54 -1.08 0.00	21.82 -0.72 0.00	20.01 -0.77 0.00	19.35 -0.95 0.00	19.17 -1.09 0.00	19.88 -0.94 0.00	22.52 -1.21 0.00	30.54 -1.85 0.01	34.09 -2.53 0.00	29.39 -1.88 -0.38	25.38 -1.28 -0.47	21.83 -1.54 -0.10	22.01 -1.81 0.00	21.43 -2.02 0.00
WESTOVER___LESR 323668	24.43 0.02 0.00	23.88 0.10 0.00	23.05 0.09 0.00	23.85 0.07 0.00	25.39 0.10 0.00	27.91 0.22 0.00	35.60 0.46 0.00	35.26 0.45 -2.39	30.37 0.41 -0.85	27.08 0.34 -0.25	26.10 0.49 0.00	22.99 0.45 0.00	21.13 0.35 0.00	20.51 0.20 0.00	20.43 0.16 0.00	21.11 0.29 0.00	24.09 0.36 0.00	32.90 0.49 -0.01	36.90 0.26 -0.04	31.94 0.19 -0.87	27.50 0.24 -1.07	23.52 0.02 -0.23	23.85 0.02 0.00	23.33 -0.12 0.00
WETHRSFD_WT_PWR 323626	22.06 -2.34 0.00	21.76 -2.02 0.00	21.12 -1.84 0.00	21.85 -1.93 0.00	23.14 -2.15 0.00	25.73 -1.97 0.00	32.33 -2.81 0.00	31.18 -2.40 -1.15	27.37 -2.15 -0.41	24.75 -1.85 -0.12	24.13 -1.49 0.00	21.55 -0.99 0.00	19.82 -0.96 0.00	19.13 -1.18 0.00	18.91 -1.36 0.00	19.64 -1.19 0.00	22.14 -1.59 0.00	29.83 -2.56 0.01	33.03 -3.59 -0.01	28.34 -2.97 -0.42	24.11 -2.59 -0.52	21.07 -2.30 -0.11	21.34 -2.48 0.00	20.87 -2.58 0.00
WHAVSTOR_138KV_BK127 55557	25.75 1.34 0.00	25.07 1.28 0.00	24.17 1.22 0.00	24.94 1.17 0.00	26.55 1.26 0.00	29.11 1.41 0.00	37.53 2.39 0.00	41.66 2.46 -6.77	33.86 2.33 -2.41	29.36 2.17 -0.71	27.61 2.00 0.00	24.32 1.78 0.00	22.34 1.56 0.00	21.68 1.38 0.00	21.58 1.32 0.00	22.32 1.50 0.00	25.49 1.76 0.00	34.90 2.50 0.00	39.44 2.75 -0.08	35.76 2.41 -2.46	31.26 2.04 -3.03	25.72 1.79 -0.66	25.47 1.64 0.00	24.71 1.27 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	25.75 1.34 0.00	25.07 1.28 0.00	24.17 1.22 0.00	24.94 1.17 0.00	26.55 1.26 0.00	29.11 1.41 0.00	37.53 2.39 0.00	41.66 2.46 -6.77	33.86 2.33 -2.41	29.36 2.17 -0.71	27.61 2.00 0.00	24.32 1.78 0.00	22.34 1.56 0.00	21.68 1.38 0.00	21.58 1.32 0.00	22.32 1.50 0.00	25.49 1.76 0.00	34.90 2.50 0.00	39.44 2.75 -0.08	35.76 2.41 -2.46	31.26 2.04 -3.03	25.72 1.79 -0.66	25.47 1.64 0.00	24.71 1.27 0.00



WHITEHAL_115KV_TB1 80871	26.09 1.68 0.00	25.33 1.55 0.00	24.40 1.45 0.00	25.42 1.64 0.00	27.08 1.80 0.00	29.77 2.08 0.00	38.20 3.06 0.00	44.17 2.85 -8.89	34.56 2.27 -3.17	29.35 1.93 -0.93	27.61 2.00 0.00	24.05 1.51 0.00	21.96 1.18 0.00	21.42 1.12 0.00	21.30 1.03 0.00	22.09 1.27 0.00	25.39 1.66 0.00	35.06 2.66 0.00	40.01 3.30 -0.11	36.60 2.47 -3.24	32.27 2.10 -3.98	25.76 1.63 -0.87	25.39 1.57 0.00	24.64 1.20 0.00
WHITEPLN_13_KV_LOAD 356215	26.06 1.66 0.00	25.36 1.57 0.00	24.42 1.47 0.00	25.23 1.45 0.00	26.88 1.59 0.00	29.47 1.77 0.00	38.13 2.99 0.00	42.51 3.11 -6.98	34.48 2.88 -2.49	29.89 2.67 -0.73	28.10 2.48 0.00	24.75 2.21 0.00	22.71 1.93 0.00	22.05 1.75 0.00	21.97 1.70 0.00	22.72 1.89 0.00	25.91 2.18 0.00	35.52 3.11 0.00	40.10 3.40 -0.08	36.39 2.97 -2.54	31.85 2.54 -3.12	26.11 2.16 -0.68	25.85 2.02 0.00	25.06 1.62 0.00
WM_FLOYD_69_KV_BK2 356380	29.76 2.32 -3.03	28.00 2.26 -1.96	25.09 2.13 0.00	25.89 2.12 0.00	27.95 2.33 -0.33	31.79 2.55 -1.55	40.97 3.94 -1.89	43.37 3.86 -7.09	40.92 3.64 -8.17	35.08 3.23 -5.37	31.45 3.07 -2.76	28.68 2.68 -3.45	27.48 2.33 -4.37	27.03 2.15 -4.57	28.80 2.15 -6.39	33.11 2.44 -9.86	35.17 2.85 -8.59	49.94 3.86 -13.68	56.14 4.21 -15.31	50.75 3.64 -16.22	45.54 3.09 -16.25	36.64 2.75 -10.63	32.11 2.67 -5.62	28.98 2.30 -3.23
WOODARD__115KV_TB2 355635	23.67 -0.73 0.00	23.10 -0.69 0.00	22.29 -0.67 0.00	23.09 -0.69 0.00	24.58 -0.71 0.00	26.97 -0.72 0.00	34.30 -0.84 0.00	32.70 -0.49 -0.77	28.98 -0.41 -0.27	26.19 -0.37 -0.08	25.26 -0.36 0.00	22.20 -0.34 0.00	20.42 -0.35 0.00	19.88 -0.43 0.00	19.82 -0.45 0.00	20.43 -0.40 0.00	23.28 -0.45 0.00	31.76 -0.65 0.00	35.85 -0.77 -0.01	30.52 -0.65 -0.28	26.06 -0.47 -0.34	22.81 -0.54 -0.07	23.11 -0.71 0.00	22.62 -0.82 0.00
YORK__WARBASSE 23770	26.26 1.85 0.00	25.50 1.71 0.00	24.52 1.56 0.00	25.28 1.50 0.00	26.96 1.67 0.00	29.38 1.69 0.00	38.09 2.95 0.00	42.50 3.08 -7.00	34.59 2.97 -2.51	30.63 2.73 -1.42	28.19 2.56 -0.02	26.37 2.25 -1.57	26.55 2.04 -3.74	26.23 1.85 -4.08	25.43 1.78 -3.38	26.56 2.00 -3.74	28.66 2.35 -2.58	35.66 3.24 -0.02	131.01 3.59 -90.81	36.54 3.09 -2.56	31.96 2.62 -3.15	26.33 2.35 -0.72	26.05 2.22 -0.02	25.16 1.71 0.00