

# Day Ahead Market Generator LBMP

		--- LBMP \$								--- Marginal Cost of Losses								--- Marginal Cost of Congestion										
Generator Data																									03/04/2024			
Name	PTID	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00			
59TH STREET_GT_1	24138	21.76	20.28	19.87	20.18	21.33	22.82	28.79	31.88	31.78	30.96	29.07	27.52	26.67	26.66	26.82	27.84	31.55	37.09	39.95	33.68	32.28	26.63	24.22	21.78			
		0.67	0.63	0.62	0.47	0.29	0.38	0.89	1.60	1.68	1.33	1.25	1.21	1.25	1.24	1.23	1.32	1.64	2.33	2.68	2.17	1.94	1.29	1.28	1.12			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
74TH STREET_GT_1	24260	21.80	20.32	19.91	20.20	21.37	22.87	28.82	31.88	31.79	30.96	29.10	27.60	26.67	26.66	26.87	27.84	31.58	37.12	39.95	33.81	32.31	26.76	24.29	21.81			
		0.72	0.67	0.65	0.49	0.34	0.43	0.92	1.60	1.69	1.33	1.28	1.29	1.25	1.25	1.28	1.33	1.67	2.36	2.68	2.30	1.97	1.42	1.35	1.14			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
74TH STREET_GT_2	24261	21.80	20.32	19.91	20.20	21.37	22.87	28.82	31.88	31.79	30.96	29.10	27.60	26.67	26.66	26.87	27.84	31.58	37.12	39.95	33.81	32.31	26.76	24.29	21.81			
		0.72	0.67	0.65	0.49	0.34	0.43	0.92	1.60	1.69	1.33	1.28	1.29	1.25	1.25	1.28	1.33	1.67	2.36	2.68	2.30	1.97	1.42	1.35	1.14			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ADK HUDSON___FALLS	24011	21.71	20.32	19.87	20.28	21.58	23.09	28.82	31.52	31.39	30.66	28.71	27.18	26.24	26.22	26.39	27.44	31.08	36.64	39.31	33.15	31.79	26.33	23.78	21.45			
		0.63	0.67	0.62	0.57	0.55	0.65	0.92	1.24	1.29	1.04	0.89	0.87	0.81	0.81	0.79	0.93	1.17	1.88	2.05	1.64	1.46	0.99	0.85	0.79			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ADK RESOURCE___RCVRY	23798	21.76	20.36	19.93	20.34	21.65	23.16	28.93	31.64	31.54	30.78	28.82	27.20	26.34	26.33	26.44	27.57	31.19	36.77	39.50	33.24	31.91	26.40	23.83	21.52			
		0.67	0.71	0.67	0.63	0.61	0.72	1.03	1.36	1.44	1.15	1.00	0.90	0.91	0.91	0.84	1.06	1.29	2.02	2.24	1.73	1.58	1.06	0.89	0.85			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ADK S GLENS___FALLS	24028	21.71	20.32	19.87	20.28	21.58	23.09	28.82	31.52	31.39	30.66	28.71	27.18	26.24	26.22	26.39	27.44	31.08	36.64	39.31	33.15	31.79	26.33	23.78	21.45			
		0.63	0.67	0.62	0.57	0.55	0.65	0.92	1.24	1.29	1.04	0.89	0.87	0.81	0.81	0.79	0.93	1.17	1.88	2.05	1.64	1.46	0.99	0.85	0.79			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ADK_NYS___DAM	23527	21.57	20.22	19.78	20.10	21.33	22.76	28.48	31.31	31.00	30.21	28.32	26.76	25.93	25.95	26.10	27.07	30.66	36.19	38.94	32.80	31.52	26.10	23.71	21.41			
		0.49	0.57	0.52	0.39	0.29	0.31	0.59	1.03	0.90	0.59	0.50	0.45	0.51	0.53	0.51	0.56	0.75	1.43	1.68	1.29	1.18	0.76	0.78	0.74			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
AIR_PRODUCTS___DRP	24190	21.59	20.18	19.76	20.14	21.39	22.85	28.48	31.25	31.03	30.33	28.46	26.97	26.06	26.05	26.23	27.20	30.78	36.18	38.86	32.83	31.46	26.13	23.71	21.39			
		0.51	0.53	0.50	0.43	0.36	0.40	0.59	0.97	0.93	0.71	0.64	0.66	0.64	0.64	0.64	0.69	0.87	1.43	1.60	1.32	1.12	0.79	0.78	0.72			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
AKWESSNE_115KV_BK	355683	21.06	19.55	19.22	19.77	21.27	22.69	28.12	30.19	30.07	29.86	28.07	26.55	25.60	25.61	25.77	26.67	29.91	34.31	36.67	30.97	30.09	25.31	22.82	20.28			
		-0.02	-0.10	-0.04	0.06	0.23	0.25	0.22	-0.09	-0.03	0.24	0.25	0.24	0.18	0.20	0.18	0.16	0.00	-0.45	-0.60	-0.54	-0.24	-0.03	-0.11	-0.39			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	21.80	20.38	19.95	20.36	21.65	23.12	28.76	31.43	31.21	30.51	28.57	26.99	26.16	26.15	26.31	27.28	30.90	36.25	38.94	32.86	31.52	26.15	23.74	21.45			
		0.72	0.73	0.69	0.65	0.61	0.67	0.87	1.15	1.11	0.89	0.75	0.68	0.74	0.74	0.72	0.77	0.99	1.49	1.68	1.35	1.18	0.81	0.80	0.79			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ALBANY_2_SOLAR	323834	21.78	20.38	19.95	20.36	21.65	23.09	28.76	31.43	31.21	30.51	28.57	26.99	26.16	26.12	26.31	27.28	30.87	36.25	38.94	32.83	31.49	26.15	23.74	21.45			
		0.69	0.73	0.69	0.65	0.61	0.65	0.87	1.15	1.11	0.89	0.75	0.68	0.74	0.71	0.72	0.77	0.96	1.49	1.68	1.32	1.15	0.81	0.80	0.79			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ALBANY___1	23571	21.59	20.18	19.76	20.14	21.39	22.85	28.48	31.25	31.03	30.33	28.46	26.97	26.06	26.05	26.23	27.20	30.78	36.18	38.86	32.83	31.46	26.13	23.71	21.39			
		0.51	0.53	0.50	0.43	0.36	0.40	0.59	0.97	0.93	0.71	0.64	0.66	0.64	0.64	0.64	0.69	0.87	1.43	1.60	1.32	1.12	0.79	0.78	0.72			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			



ALBANY___2 23572	21.59 0.51 0.00	20.18 0.53 0.00	19.76 0.50 0.00	20.14 0.43 0.00	21.39 0.36 0.00	22.85 0.40 0.00	28.48 0.59 0.00	31.25 0.97 0.00	31.03 0.93 0.00	30.33 0.71 0.00	28.46 0.64 0.00	26.97 0.66 0.00	26.06 0.64 0.00	26.05 0.64 0.00	26.23 0.64 0.00	27.20 0.69 0.00	30.78 0.87 0.00	36.18 1.43 0.00	38.86 1.60 0.00	32.83 1.32 0.00	31.46 1.12 0.00	26.13 0.79 0.00	23.71 0.78 0.00	21.39 0.72 0.00
ALBANY___3 23573	21.59 0.51 0.00	20.18 0.53 0.00	19.76 0.50 0.00	20.14 0.43 0.00	21.39 0.36 0.00	22.85 0.40 0.00	28.48 0.59 0.00	31.25 0.97 0.00	31.03 0.93 0.00	30.33 0.71 0.00	28.46 0.64 0.00	26.97 0.66 0.00	26.06 0.64 0.00	26.05 0.64 0.00	26.23 0.64 0.00	27.20 0.69 0.00	30.78 0.87 0.00	36.18 1.43 0.00	38.86 1.60 0.00	32.83 1.32 0.00	31.46 1.12 0.00	26.13 0.79 0.00	23.71 0.78 0.00	21.39 0.72 0.00
ALBANY___4 23574	21.59 0.51 0.00	20.18 0.53 0.00	19.76 0.50 0.00	20.14 0.43 0.00	21.39 0.36 0.00	22.85 0.40 0.00	28.48 0.59 0.00	31.25 0.97 0.00	31.03 0.93 0.00	30.33 0.71 0.00	28.46 0.64 0.00	26.97 0.66 0.00	26.06 0.64 0.00	26.05 0.64 0.00	26.23 0.64 0.00	27.20 0.69 0.00	30.78 0.87 0.00	36.18 1.43 0.00	38.86 1.60 0.00	32.83 1.32 0.00	31.46 1.12 0.00	26.13 0.79 0.00	23.71 0.78 0.00	21.39 0.72 0.00
ALBANY___LFGE 323615	21.71 0.63 0.00	20.30 0.65 0.00	19.87 0.62 0.00	20.26 0.55 0.00	21.52 0.48 0.00	22.98 0.54 0.00	28.65 0.75 0.00	31.43 1.15 0.00	31.21 1.11 0.00	30.54 0.92 0.00	28.62 0.81 0.00	27.07 0.76 0.00	26.24 0.81 0.00	26.22 0.81 0.00	26.39 0.79 0.00	27.36 0.85 0.00	30.98 1.08 0.00	36.43 1.67 0.00	39.12 1.86 0.00	32.99 1.48 0.00	31.67 1.33 0.00	26.25 0.91 0.00	23.83 0.89 0.00	21.52 0.85 0.00
ALCOA_PA_115KV_PL-6C 55860	21.19 0.11 0.00	19.69 0.04 0.00	19.32 0.06 0.00	19.90 0.20 0.00	21.46 0.42 0.00	22.94 0.49 0.00	28.31 0.42 0.00	30.40 0.12 0.00	30.28 0.18 0.00	30.07 0.44 0.00	28.26 0.45 0.00	26.70 0.39 0.00	25.78 0.36 0.00	25.77 0.36 0.00	25.92 0.33 0.00	26.83 0.32 0.00	30.06 0.15 0.00	34.45 -0.31 0.00	36.82 -0.45 0.00	31.07 -0.44 0.00	30.24 -0.09 0.00	25.44 0.10 0.00	23.00 0.07 0.00	20.36 -0.31 0.00
ALCOA_RYNLDS___DRP 24188	21.19 0.11 0.00	19.69 0.04 0.00	19.32 0.06 0.00	19.90 0.20 0.00	21.46 0.42 0.00	22.94 0.49 0.00	28.31 0.42 0.00	30.40 0.12 0.00	30.28 0.18 0.00	30.07 0.44 0.00	28.26 0.45 0.00	26.70 0.39 0.00	25.78 0.36 0.00	25.77 0.36 0.00	25.92 0.33 0.00	26.83 0.32 0.00	30.06 0.15 0.00	34.45 -0.31 0.00	36.82 -0.45 0.00	31.07 -0.44 0.00	30.24 -0.09 0.00	25.44 0.10 0.00	23.00 0.07 0.00	20.36 0.00 0.00
ALCOA___DSASP 323711	21.19 0.11 0.00	19.69 0.04 0.00	19.32 0.06 0.00	19.90 0.20 0.00	21.46 0.42 0.00	22.94 0.49 0.00	28.31 0.42 0.00	30.40 0.12 0.00	30.28 0.18 0.00	30.07 0.44 0.00	28.26 0.44 0.00	26.70 0.40 0.00	25.78 0.36 0.00	25.77 0.36 0.00	25.92 0.33 0.00	26.83 0.32 0.00	30.06 0.15 0.00	34.45 -0.31 0.00	36.82 -0.45 0.00	31.07 -0.44 0.00	30.24 -0.09 0.00	25.44 0.10 0.00	23.00 0.07 0.00	20.36 -0.31 0.00
ALLEGHENY___COGEN 23514	21.42 0.34 0.00	20.00 0.35 0.00	19.47 0.21 0.00	19.92 0.22 0.00	21.29 0.25 0.00	22.96 0.52 0.00	28.26 0.36 0.00	30.43 0.15 0.00	29.62 -0.48 0.00	28.67 -0.95 0.00	26.82 -1.00 0.00	25.47 -0.84 0.00	24.48 -0.94 0.00	24.42 -0.99 0.00	24.65 -0.95 0.00	25.48 -1.03 0.00	28.98 -0.93 0.00	34.17 -0.59 0.00	37.00 -0.26 0.00	31.95 0.44 0.00	30.12 -0.21 0.00	25.21 -0.13 0.00	22.70 -0.23 0.00	20.88 0.21 0.00
ALTAMONT_115KV_TB 2 55880	21.48 0.40 0.00	20.06 0.41 0.00	19.66 0.40 0.00	20.04 0.34 0.00	21.31 0.27 0.00	22.73 0.29 0.00	28.37 0.47 0.00	31.03 0.76 0.00	30.82 0.72 0.00	30.16 0.53 0.00	28.29 0.47 0.00	26.78 0.47 0.00	25.88 0.46 0.00	25.87 0.46 0.00	26.05 0.46 0.00	27.01 0.50 0.00	30.57 0.66 0.00	35.87 1.11 0.00	38.53 1.27 0.00	32.55 1.04 0.00	31.22 0.88 0.00	25.95 0.61 0.00	23.53 0.60 0.00	21.23 0.56 0.00
ALTONA_WT_PWR 323606	21.67 0.59 0.00	20.14 0.49 0.00	19.76 0.50 0.00	20.34 0.63 0.00	21.83 0.80 0.00	23.34 0.90 0.00	28.59 0.70 0.00	30.70 0.42 0.00	30.61 0.51 0.00	30.36 0.74 0.00	28.59 0.78 0.00	26.99 0.68 0.00	26.01 0.59 0.00	26.00 0.58 0.00	26.08 0.49 0.00	26.96 0.45 0.00	30.24 0.33 0.00	34.13 -0.62 0.00	36.26 -1.00 0.00	30.69 -0.82 0.00	29.58 -0.76 0.00	25.19 -0.15 0.00	22.63 -0.30 0.00	20.13 -0.54 0.00
AMERICAN_REF_FUEL 24010	19.40 -1.69 0.00	18.12 -1.53 0.00	17.58 -1.68 0.00	18.03 -1.68 0.00	19.29 -1.75 0.00	20.89 -1.55 0.00	24.91 -2.98 0.00	26.43 -3.85 0.00	26.04 -4.06 0.00	25.65 -3.97 0.00	24.09 -3.73 0.00	23.28 -3.02 0.00	22.17 -3.25 0.00	22.21 -3.20 0.00	22.39 -3.20 0.00	22.93 -3.58 0.00	25.99 -3.92 0.00	30.48 -4.28 0.00	32.08 -5.18 0.00	27.95 -3.56 0.00	25.88 -4.46 0.00	22.07 -3.27 0.00	20.04 -2.89 0.00	18.81 -1.86 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	19.96 -1.12 0.00	18.61 -1.04 0.00	18.05 -1.21 0.00	18.53 -1.18 0.00	19.77 -1.26 0.00	21.54 -0.90 0.00	25.94 -1.95 0.00	27.52 -2.75 0.00	27.24 -2.86 0.00	26.93 -2.70 0.00	25.31 -2.50 0.00	24.41 -1.89 0.00	23.29 -2.14 0.00	23.35 -2.06 0.00	23.47 -2.12 0.00	24.02 -2.49 0.00	27.19 -2.72 0.00	31.80 -2.95 0.00	33.31 -3.95 0.00	28.70 -2.80 0.00	26.51 -3.82 0.00	22.50 -2.84 0.00	20.37 -2.57 0.00	19.18 -1.49 0.00
ARTHUR KILL_GT_1 23520	21.86 0.78 0.00	20.36 0.71 0.00	19.95 0.69 0.00	20.24 0.53 0.00	21.37 0.34 0.00	22.71 0.27 0.00	28.54 0.64 0.00	31.55 1.27 0.00	31.36 1.26 0.01	30.50 0.89 0.01	28.70 0.89 0.01	27.14 0.84 0.01	26.33 0.91 0.01	26.34 0.94 0.01	26.50 0.92 0.01	27.54 1.03 0.01	31.26 1.35 0.00	36.77 2.02 0.01	39.67 2.42 0.01	33.42 1.92 0.01	32.06 1.73 0.00	26.45 1.11 0.00	24.24 1.31 0.00	21.85 1.18 0.00
ARTHUR_KILL_2 23512	21.80 0.72 0.00	20.32 0.67 0.00	19.91 0.66 0.00	20.18 0.47 0.00	21.33 0.29 0.00	22.67 0.22 0.00	28.45 0.56 0.00	31.46 1.18 0.00	31.26 1.17 0.01	30.44 0.83 0.01	28.62 0.81 0.01	27.09 0.79 0.01	26.28 0.86 0.01	26.27 0.86 0.01	26.43 0.84 0.01	27.46 0.95 0.01	31.17 1.26 0.00	36.66 1.91 0.01	39.53 2.27 0.01	33.33 1.83 0.01	31.97 1.64 0.00	26.38 1.04 0.00	24.17 1.24 0.00	21.78 1.12 0.00
ARTHUR_KILL_3 23513	21.50 0.42 0.00	20.06 0.41 0.00	19.66 0.41 0.00	19.96 0.26 0.00	21.10 0.06 0.00	22.58 0.14 0.00	28.48 0.59 0.00	31.52 1.24 0.00	31.42 1.32 0.00	30.63 1.01 0.00	28.76 0.95 0.00	27.23 0.92 0.00	26.39 0.97 0.00	26.38 0.97 0.00	26.56 0.97 0.00	27.54 1.03 0.00	31.22 1.31 0.00	36.60 1.84 0.00	39.46 2.20 0.00	33.30 1.80 0.00	31.97 1.64 0.00	26.38 1.04 0.00	23.99 1.06 0.00	21.56 0.89 0.00



ARTHUR_KILL_COGEN 323718	21.86 0.78 0.00	20.36 0.71 0.00	19.95 0.69 0.00	20.24 0.53 0.00	21.37 0.34 0.00	22.71 0.27 0.00	28.54 0.64 0.00	31.55 1.27 0.00	31.36 1.26 0.01	30.50 0.89 0.01	28.70 0.89 0.01	27.14 0.84 0.01	26.33 0.91 0.01	26.34 0.94 0.01	26.50 0.92 0.01	27.54 1.03 0.01	31.26 1.35 0.00	36.77 2.02 0.01	39.67 2.42 0.01	33.42 1.92 0.01	32.06 1.73 0.00	26.45 1.11 0.00	24.24 1.31 0.00	21.85 1.18 0.00
ASHOKAN____ 23654	21.74 0.65 0.00	20.34 0.69 0.00	19.91 0.66 0.00	20.28 0.57 0.00	21.56 0.53 0.00	22.96 0.52 0.00	28.45 0.56 0.00	31.18 0.91 0.00	30.82 0.72 0.00	29.95 0.33 0.00	27.98 0.17 0.00	26.36 0.05 0.00	25.58 0.15 0.00	25.56 0.15 0.00	25.80 0.20 0.00	26.78 0.27 0.00	30.51 0.60 0.00	36.08 1.32 0.00	38.86 1.60 0.00	32.70 1.20 0.00	31.31 0.97 0.00	25.87 0.53 0.00	23.55 0.62 0.00	21.31 0.64 0.00
ASTORIA_EAST_ENERGY_CC1 323581	21.82 0.74 0.00	20.38 0.73 0.00	19.99 0.73 0.00	20.26 0.55 0.00	21.39 0.36 0.00	22.67 0.22 0.00	28.48 0.59 0.00	31.45 1.18 0.01	31.39 1.29 0.01	30.56 0.95 0.01	28.73 0.92 0.01	27.20 0.90 0.01	26.38 0.97 0.01	26.37 0.97 0.01	26.53 0.95 0.01	27.54 1.03 0.01	31.22 1.31 0.01	36.66 1.91 0.01	39.53 2.27 0.01	33.29 1.80 0.01	31.93 1.61 0.01	26.32 0.99 0.01	24.13 1.19 0.00	21.83 1.16 0.00
ASTORIA_EAST_ENERGY_CC2 323582	21.82 0.74 0.00	20.38 0.73 0.00	19.99 0.73 0.00	20.26 0.55 0.00	21.39 0.36 0.00	22.67 0.22 0.00	28.48 0.59 0.00	31.45 1.18 0.01	31.39 1.29 0.01	30.56 0.95 0.01	28.73 0.92 0.01	27.20 0.90 0.01	26.38 0.97 0.01	26.37 0.97 0.01	26.53 0.95 0.01	27.54 1.03 0.01	31.22 1.31 0.01	36.66 1.91 0.01	39.53 2.27 0.01	33.29 1.80 0.01	31.93 1.61 0.01	26.32 0.99 0.01	24.13 1.19 0.00	21.83 1.16 0.00
ASTORIA_GT2_1 24094	21.90 0.82 0.00	20.40 0.75 0.00	19.99 0.73 0.00	20.26 0.55 0.00	21.39 0.36 0.00	22.67 0.22 0.00	28.51 0.61 0.00	31.49 1.21 0.00	31.42 1.32 0.00	30.60 0.98 0.00	28.76 0.95 0.00	27.31 1.00 0.00	26.39 0.97 0.00	26.40 0.99 0.00	26.59 1.00 0.00	27.54 1.03 0.00	31.23 1.32 0.00	36.74 1.98 0.00	39.50 2.24 0.00	33.46 1.95 0.00	31.94 1.61 0.00	26.45 1.11 0.00	24.19 1.26 0.00	21.83 1.16 0.00
ASTORIA_GT2_2 24095	21.90 0.82 0.00	20.40 0.75 0.00	19.99 0.73 0.00	20.26 0.55 0.00	21.39 0.36 0.00	22.67 0.22 0.00	28.51 0.61 0.00	31.49 1.21 0.00	31.42 1.32 0.00	30.60 0.98 0.00	28.76 0.95 0.00	27.31 1.00 0.00	26.39 0.97 0.00	26.40 0.99 0.00	26.59 1.00 0.00	27.54 1.03 0.00	31.23 1.32 0.00	36.74 1.98 0.00	39.50 2.24 0.00	33.46 1.95 0.00	31.94 1.61 0.00	26.45 1.11 0.00	24.19 1.26 0.00	21.83 1.16 0.00
ASTORIA_GT2_3 24096	21.90 0.82 0.00	20.40 0.75 0.00	19.99 0.73 0.00	20.26 0.55 0.00	21.39 0.36 0.00	22.67 0.22 0.00	28.51 0.61 0.00	31.49 1.21 0.00	31.42 1.32 0.00	30.60 0.98 0.00	28.76 0.95 0.00	27.31 1.00 0.00	26.39 0.97 0.00	26.40 0.99 0.00	26.59 1.00 0.00	27.54 1.03 0.00	31.23 1.32 0.00	36.74 1.98 0.00	39.50 2.24 0.00	33.46 1.95 0.00	31.94 1.61 0.00	26.45 1.11 0.00	24.19 1.26 0.00	21.83 1.16 0.00
ASTORIA_GT2_4 24097	21.90 0.82 0.00	20.40 0.75 0.00	19.99 0.73 0.00	20.26 0.55 0.00	21.39 0.36 0.00	22.67 0.22 0.00	28.51 0.61 0.00	31.49 1.21 0.00	31.42 1.32 0.00	30.60 0.98 0.00	28.76 0.95 0.00	27.31 1.00 0.00	26.39 0.97 0.00	26.40 0.99 0.00	26.59 1.00 0.00	27.54 1.03 0.00	31.23 1.32 0.00	36.74 1.98 0.00	39.50 2.24 0.00	33.46 1.95 0.00	31.94 1.61 0.00	26.45 1.11 0.00	24.19 1.26 0.00	21.83 1.16 0.00
ASTORIA_GT3_1 24098	21.90 0.82 0.00	20.40 0.75 0.00	19.99 0.73 0.00	20.26 0.55 0.00	21.39 0.36 0.00	22.67 0.22 0.00	28.51 0.61 0.00	31.49 1.21 0.00	31.42 1.32 0.00	30.60 0.98 0.00	28.76 0.95 0.00	27.31 1.00 0.00	26.39 0.97 0.00	26.40 0.99 0.00	26.59 1.00 0.00	27.54 1.03 0.00	31.23 1.32 0.00	36.74 1.98 0.00	39.50 2.24 0.00	33.46 1.95 0.00	31.94 1.61 0.00	26.45 1.11 0.00	24.19 1.26 0.00	21.83 1.16 0.00
ASTORIA_GT3_2 24099	21.90 0.82 0.00	20.40 0.75 0.00	19.99 0.73 0.00	20.26 0.55 0.00	21.39 0.36 0.00	22.67 0.22 0.00	28.51 0.61 0.00	31.49 1.21 0.00	31.42 1.32 0.00	30.60 0.98 0.00	28.76 0.95 0.00	27.31 1.00 0.00	26.39 0.97 0.00	26.40 0.99 0.00	26.59 1.00 0.00	27.54 1.03 0.00	31.23 1.32 0.00	36.74 1.98 0.00	39.50 2.24 0.00	33.46 1.95 0.00	31.94 1.61 0.00	26.45 1.11 0.00	24.19 1.26 0.00	21.83 1.16 0.00
ASTORIA_GT3_3 24100	21.90 0.82 0.00	20.40 0.75 0.00	19.99 0.73 0.00	20.26 0.55 0.00	21.39 0.36 0.00	22.67 0.22 0.00	28.51 0.61 0.00	31.49 1.21 0.00	31.42 1.32 0.00	30.60 0.98 0.00	28.76 0.95 0.00	27.31 1.00 0.00	26.39 0.97 0.00	26.40 0.99 0.00	26.59 1.00 0.00	27.54 1.03 0.00	31.23 1.32 0.00	36.74 1.98 0.00	39.50 2.24 0.00	33.46 1.95 0.00	31.94 1.61 0.00	26.45 1.11 0.00	24.19 1.26 0.00	21.83 1.16 0.00
ASTORIA_GT3_4 24101	21.90 0.82 0.00	20.40 0.75 0.00	19.99 0.73 0.00	20.26 0.55 0.00	21.39 0.36 0.00	22.67 0.22 0.00	28.51 0.61 0.00	31.49 1.21 0.00	31.42 1.32 0.00	30.60 0.98 0.00	28.76 0.95 0.00	27.31 1.00 0.00	26.39 0.97 0.00	26.40 0.99 0.00	26.59 1.00 0.00	27.54 1.03 0.00	31.23 1.32 0.00	36.74 1.98 0.00	39.50 2.24 0.00	33.46 1.95 0.00	31.94 1.61 0.00	26.45 1.11 0.00	24.19 1.26 0.00	21.83 1.16 0.00
ASTORIA_GT4_1 24102	21.90 0.82 0.00	20.40 0.75 0.00	19.99 0.73 0.00	20.26 0.55 0.00	21.39 0.36 0.00	22.67 0.22 0.00	28.51 0.61 0.00	31.49 1.21 0.00	31.42 1.32 0.00	30.60 0.98 0.00	28.76 0.95 0.00	27.31 1.00 0.00	26.39 0.97 0.00	26.40 0.99 0.00	26.59 1.00 0.00	27.54 1.03 0.00	31.23 1.32 0.00	36.74 1.98 0.00	39.50 2.24 0.00	33.46 1.95 0.00	31.94 1.61 0.00	26.45 1.11 0.00	24.19 1.26 0.00	21.83 1.16 0.00
ASTORIA_GT4_2 24103	21.90 0.82 0.00	20.40 0.75 0.00	19.99 0.73 0.00	20.26 0.55 0.00	21.39 0.36 0.00	22.67 0.22 0.00	28.51 0.61 0.00	31.49 1.21 0.00	31.42 1.32 0.00	30.60 0.98 0.00	28.76 0.95 0.00	27.31 1.00 0.00	26.39 0.97 0.00	26.40 0.99 0.00	26.59 1.00 0.00	27.54 1.03 0.00	31.23 1.32 0.00	36.74 1.98 0.00	39.50 2.24 0.00	33.46 1.95 0.00	31.94 1.61 0.00	26.45 1.11 0.00	24.19 1.26 0.00	21.83 1.16 0.00
ASTORIA_GT4_3 24104	21.90 0.82 0.00	20.40 0.75 0.00	19.99 0.73 0.00	20.26 0.55 0.00	21.39 0.36 0.00	22.67 0.22 0.00	28.51 0.61 0.00	31.49 1.21 0.00	31.42 1.32 0.00	30.60 0.98 0.00	28.76 0.95 0.00	27.31 1.00 0.00	26.39 0.97 0.00	26.40 0.99 0.00	26.59 1.00 0.00	27.54 1.03 0.00	31.23 1.32 0.00	36.74 1.98 0.00	39.50 2.24 0.00	33.46 1.95 0.00	31.94 1.61 0.00	26.45 1.11 0.00	24.19 1.26 0.00	21.83 1.16 0.00



ASTORIA_GT4_4 24105	21.90 0.82 0.00	20.40 0.75 0.00	19.99 0.73 0.00	20.26 0.55 0.00	21.39 0.36 0.00	22.67 0.22 0.00	28.51 0.61 0.00	31.49 1.21 0.00	31.42 1.32 0.00	30.60 0.98 0.00	28.76 0.95 0.00	27.31 1.00 0.00	26.39 0.97 0.00	26.40 0.99 0.00	26.59 1.00 0.00	27.54 1.03 0.00	31.23 1.32 0.00	36.74 1.98 0.00	39.50 2.24 0.00	33.46 1.95 0.00	31.94 1.61 0.00	26.45 1.11 0.00	24.19 1.26 0.00	21.83 1.16 0.00
ASTORIA_GT_1 23523	21.86 0.78 0.00	20.42 0.77 0.00	20.01 0.75 0.00	20.28 0.57 0.00	21.41 0.38 0.00	22.69 0.25 0.00	28.54 0.64 0.00	31.54 1.27 0.01	31.45 1.36 0.01	30.62 1.01 0.01	28.78 0.97 0.01	27.25 0.95 0.01	26.43 1.02 0.01	26.42 1.02 0.01	26.58 1.00 0.01	27.59 1.09 0.01	31.28 1.38 0.01	36.73 1.98 0.01	39.60 2.35 0.01	33.39 1.89 0.01	31.99 1.67 0.01	26.37 1.04 0.01	24.17 1.24 0.00	21.85 1.18 0.00
ASTORIA_GT_10 24110	21.76 0.67 0.00	20.28 0.63 0.00	19.87 0.62 0.00	20.16 0.45 0.00	21.29 0.25 0.00	22.71 0.27 0.00	28.57 0.67 0.00	31.61 1.33 0.00	31.51 1.41 0.00	30.69 1.07 0.00	28.85 1.03 0.00	27.39 1.08 0.00	26.44 1.02 0.00	26.43 1.02 0.00	26.64 1.05 0.00	27.62 1.11 0.00	31.32 1.41 0.00	36.81 2.05 0.00	39.61 2.35 0.00	33.56 2.05 0.00	32.03 1.70 0.00	26.53 1.19 0.00	24.19 1.26 0.00	21.74 1.07 0.00
ASTORIA_GT_11 24225	21.76 0.67 0.00	20.28 0.63 0.00	19.87 0.62 0.00	20.16 0.45 0.00	21.29 0.25 0.00	22.71 0.27 0.00	28.57 0.67 0.00	31.61 1.33 0.00	31.51 1.41 0.00	30.69 1.07 0.00	28.85 1.03 0.00	27.39 1.08 0.00	26.44 1.02 0.00	26.43 1.02 0.00	26.64 1.05 0.00	27.62 1.11 0.00	31.32 1.41 0.00	36.81 2.05 0.00	39.61 2.35 0.00	33.56 2.05 0.00	32.03 1.70 0.00	26.53 1.19 0.00	24.19 1.26 0.00	21.74 1.07 0.00
ASTORIA_GT_12 24226	21.76 0.67 0.00	20.28 0.63 0.00	19.87 0.62 0.00	20.16 0.45 0.00	21.29 0.25 0.00	22.71 0.27 0.00	28.57 0.67 0.00	31.61 1.33 0.00	31.51 1.41 0.00	30.69 1.07 0.00	28.85 1.03 0.00	27.39 1.08 0.00	26.44 1.02 0.00	26.43 1.02 0.00	26.64 1.05 0.00	27.62 1.11 0.00	31.32 1.41 0.00	36.81 2.05 0.00	39.61 2.35 0.00	33.56 2.05 0.00	32.03 1.70 0.00	26.53 1.19 0.00	24.19 1.26 0.00	21.74 1.07 0.00
ASTORIA_GT_13 24227	21.76 0.67 0.00	20.28 0.63 0.00	19.87 0.62 0.00	20.16 0.45 0.00	21.29 0.25 0.00	22.71 0.27 0.00	28.57 0.67 0.00	31.61 1.33 0.00	31.51 1.41 0.00	30.69 1.07 0.00	28.85 1.03 0.00	27.39 1.08 0.00	26.44 1.02 0.00	26.43 1.02 0.00	26.64 1.05 0.00	27.62 1.11 0.00	31.32 1.41 0.00	36.81 2.05 0.00	39.61 2.35 0.00	33.56 2.05 0.00	32.03 1.70 0.00	26.53 1.19 0.00	24.19 1.26 0.00	21.74 1.07 0.00
ASTORIA_GT_5 24106	21.93 0.84 0.00	20.42 0.77 0.00	20.01 0.75 0.00	20.28 0.57 0.00	21.41 0.38 0.00	22.71 0.27 0.00	28.54 0.64 0.00	31.55 1.27 0.00	31.45 1.35 0.00	30.63 1.01 0.00	28.82 1.00 0.00	27.36 1.05 0.00	26.44 1.02 0.00	26.43 1.02 0.00	26.64 1.05 0.00	27.60 1.09 0.00	31.29 1.38 0.00	36.78 2.02 0.00	39.57 2.31 0.00	33.52 2.02 0.00	32.00 1.67 0.00	26.51 1.17 0.00	24.22 1.28 0.00	21.85 1.18 0.00
ASTORIA_GT_7 24107	21.93 0.84 0.00	20.42 0.77 0.00	20.01 0.75 0.00	20.28 0.57 0.00	21.41 0.38 0.00	22.71 0.27 0.00	28.54 0.64 0.00	31.55 1.27 0.00	31.45 1.35 0.00	30.63 1.01 0.00	28.82 1.00 0.00	27.36 1.05 0.00	26.44 1.02 0.00	26.43 1.02 0.00	26.64 1.05 0.00	27.60 1.09 0.00	31.29 1.38 0.00	36.78 2.02 0.00	39.57 2.31 0.00	33.52 2.02 0.00	32.00 1.67 0.00	26.51 1.17 0.00	24.22 1.28 0.00	21.85 1.18 0.00
ASTORIA_GT_8 24108	21.93 0.84 0.00	20.42 0.77 0.00	20.01 0.75 0.00	20.28 0.57 0.00	21.41 0.38 0.00	22.71 0.27 0.00	28.54 0.64 0.00	31.55 1.27 0.00	31.45 1.35 0.00	30.63 1.01 0.00	28.82 1.00 0.00	27.36 1.05 0.00	26.44 1.02 0.00	26.43 1.02 0.00	26.64 1.05 0.00	27.60 1.09 0.00	31.29 1.38 0.00	36.78 2.02 0.00	39.57 2.31 0.00	33.52 2.02 0.00	32.00 1.67 0.00	26.51 1.17 0.00	24.22 1.28 0.00	21.85 1.18 0.00
ASTORIA___2 24149	21.82 0.74 0.00	20.40 0.75 0.00	19.99 0.73 0.00	20.26 0.55 0.00	21.39 0.36 0.00	22.67 0.22 0.00	28.51 0.61 0.00	31.48 1.21 0.01	31.42 1.32 0.01	30.56 0.95 0.01	28.76 0.95 0.01	27.20 0.90 0.01	26.38 0.97 0.01	26.37 0.97 0.01	26.53 0.95 0.01	27.54 1.03 0.01	31.22 1.31 0.01	36.66 1.91 0.01	39.53 2.27 0.01	33.33 1.83 0.01	31.93 1.61 0.01	26.35 1.01 0.01	24.13 1.19 0.00	21.83 1.16 0.00
ASTORIA___3 23516	21.74 0.65 0.00	20.28 0.63 0.00	19.87 0.62 0.00	20.16 0.45 0.00	21.29 0.25 0.00	22.71 0.27 0.00	28.56 0.67 0.00	31.61 1.33 0.00	31.52 1.42 0.00	30.66 1.04 0.00	28.82 1.00 0.00	27.28 0.97 0.00	26.44 1.02 0.00	26.43 1.02 0.00	26.62 1.02 0.00	27.62 1.11 0.00	31.32 1.41 0.00	36.77 2.02 0.00	39.65 2.39 0.00	33.43 1.92 0.00	32.03 1.70 0.00	26.43 1.09 0.00	24.13 1.19 0.00	21.74 1.07 0.00
ASTORIA___4 23517	21.76 0.67 0.00	20.28 0.63 0.00	19.87 0.62 0.00	20.16 0.45 0.00	21.29 0.25 0.00	22.71 0.27 0.00	28.57 0.67 0.00	31.61 1.33 0.00	31.51 1.41 0.00	30.69 1.07 0.00	28.85 1.03 0.00	27.39 1.08 0.00	26.44 1.02 0.00	26.43 1.02 0.00	26.64 1.05 0.00	27.62 1.11 0.00	31.32 1.41 0.00	36.81 2.05 0.00	39.61 2.35 0.00	33.56 2.05 0.00	32.03 1.70 0.00	26.53 1.19 0.00	24.19 1.26 0.00	21.74 1.07 0.00
ASTORIA___5 23518	21.74 0.65 0.00	20.28 0.63 0.00	19.87 0.62 0.00	20.16 0.45 0.00	21.29 0.25 0.00	22.71 0.27 0.00	28.56 0.67 0.00	31.61 1.33 0.00	31.52 1.42 0.00	30.66 1.04 0.00	28.82 1.00 0.00	27.28 0.97 0.00	26.44 1.02 0.00	26.43 1.02 0.00	26.62 1.02 0.00	27.62 1.11 0.00	31.32 1.41 0.00	36.77 2.02 0.00	39.65 2.39 0.00	33.43 1.92 0.00	32.03 1.70 0.00	26.43 1.09 0.00	24.13 1.19 0.00	21.74 1.07 0.00
AST_ENERGY_2_CC3 323677	21.59 0.51 0.00	20.14 0.49 0.00	19.74 0.48 0.00	20.04 0.33 0.00	21.18 0.15 0.00	22.64 0.20 0.00	28.54 0.64 0.00	31.58 1.30 0.00	31.49 1.39 0.00	30.66 1.04 0.00	28.79 0.97 0.00	27.26 0.95 0.00	26.41 0.99 0.00	26.40 0.99 0.00	26.59 1.00 0.00	27.60 1.09 0.00	31.29 1.38 0.00	36.74 1.98 0.00	39.57 2.31 0.00	33.40 1.89 0.00	32.00 1.67 0.00	26.43 1.09 0.00	24.03 1.10 0.00	21.62 0.95 0.00
AST_ENERGY_2_CC4 323678	21.59 0.51 0.00	20.14 0.49 0.00	19.74 0.48 0.00	20.04 0.33 0.00	21.18 0.15 0.00	22.64 0.20 0.00	28.54 0.64 0.00	31.58 1.30 0.00	31.49 1.39 0.00	30.66 1.04 0.00	28.79 0.97 0.00	27.26 0.95 0.00	26.41 0.99 0.00	26.40 0.99 0.00	26.59 1.00 0.00	27.60 1.09 0.00	31.29 1.38 0.00	36.74 1.98 0.00	39.57 2.31 0.00	33.40 1.89 0.00	32.00 1.67 0.00	26.43 1.09 0.00	24.03 1.10 0.00	21.62 0.95 0.00



ATHENS_STG_1 23668	21.48 0.40 0.00	20.06 0.41 0.00	19.64 0.39 0.00	20.00 0.30 0.00	21.22 0.19 0.00	22.67 0.22 0.00	28.37 0.47 0.00	31.12 0.85 0.00	30.94 0.84 0.00	30.21 0.59 0.00	28.37 0.56 0.00	26.84 0.53 0.00	25.98 0.56 0.00	25.97 0.56 0.00	26.15 0.56 0.00	27.12 0.61 0.00	30.72 0.81 0.00	36.05 1.29 0.00	38.75 1.49 0.00	32.70 1.20 0.00	31.40 1.06 0.00	26.02 0.68 0.00	23.62 0.69 0.00	21.31 0.64 0.00
ATHENS_STG_2 23670	21.48 0.40 0.00	20.06 0.41 0.00	19.64 0.39 0.00	20.00 0.30 0.00	21.22 0.19 0.00	22.67 0.22 0.00	28.37 0.47 0.00	31.12 0.85 0.00	30.94 0.84 0.00	30.21 0.59 0.00	28.37 0.56 0.00	26.84 0.53 0.00	25.98 0.56 0.00	25.97 0.56 0.00	26.15 0.56 0.00	27.12 0.61 0.00	30.72 0.81 0.00	36.05 1.29 0.00	38.75 1.49 0.00	32.70 1.20 0.00	31.40 1.06 0.00	26.02 0.68 0.00	23.62 0.69 0.00	21.31 0.64 0.00
ATHENS_STG_3 23677	21.48 0.40 0.00	20.06 0.41 0.00	19.64 0.39 0.00	20.00 0.30 0.00	21.22 0.19 0.00	22.67 0.22 0.00	28.37 0.47 0.00	31.12 0.85 0.00	30.94 0.84 0.00	30.21 0.59 0.00	28.37 0.56 0.00	26.84 0.53 0.00	25.98 0.56 0.00	25.97 0.56 0.00	26.15 0.56 0.00	27.12 0.61 0.00	30.72 0.81 0.00	36.05 1.29 0.00	38.75 1.49 0.00	32.70 1.20 0.00	31.40 1.06 0.00	26.02 0.68 0.00	23.62 0.69 0.00	21.31 0.64 0.00
AUBURN___LFGE 323710	21.06 -0.02 0.00	19.69 0.04 0.00	19.22 -0.04 0.00	19.67 -0.04 0.00	20.95 -0.08 0.00	22.40 -0.04 0.00	27.76 -0.14 0.00	30.22 -0.06 0.00	29.86 -0.24 0.00	29.36 -0.27 0.00	27.51 -0.31 0.00	25.97 -0.34 0.00	25.12 -0.31 0.00	25.11 -0.30 0.00	25.28 -0.31 0.00	26.19 -0.32 0.00	29.64 -0.27 0.00	34.66 -0.10 0.00	37.15 -0.11 0.00	31.51 0.00 0.00	30.09 -0.24 0.00	25.04 -0.30 0.00	22.66 -0.28 0.00	20.77 0.10 0.00
BABYLON_RES_REC 323704	22.12 1.03 0.00	20.57 0.92 0.00	20.16 0.91 0.00	20.47 0.77 0.00	21.69 0.65 0.00	23.23 0.79 0.00	29.23 1.34 0.00	32.00 1.72 0.00	31.75 1.65 0.00	31.07 1.45 0.00	29.67 1.50 -0.35	27.78 1.47 0.00	26.97 1.55 0.00	26.91 1.50 0.00	28.69 1.59 -1.51	30.10 1.70 -1.89	32.23 2.09 -0.23	41.57 2.95 -3.86	45.58 3.35 -4.97	39.59 2.74 -5.34	34.25 2.46 -1.46	30.57 1.72 -3.51	26.62 1.65 -2.04	22.66 1.53 -0.46
BABYLON__69_KV_BK2 356345	22.35 1.26 0.00	20.79 1.14 0.00	20.36 1.10 0.00	20.67 0.97 0.00	21.92 0.88 0.00	23.48 1.03 0.00	29.54 1.65 0.00	32.27 2.00 0.00	32.03 1.93 0.00	31.34 1.72 0.00	29.78 1.64 -0.32	28.20 1.89 0.00	27.20 1.78 0.00	27.17 1.75 0.00	28.97 1.87 -1.51	30.33 1.94 -1.89	32.53 2.39 -0.23	42.02 3.41 -3.86	46.03 3.80 -4.97	40.06 3.21 -5.34	34.62 2.82 -1.46	30.77 1.93 -3.50	26.76 1.79 -2.03	22.89 1.76 -0.46
BALL_HILL_WT_PWR 323825	20.03 -1.05 0.00	18.69 -0.96 0.00	18.14 -1.12 0.00	18.60 -1.10 0.00	19.90 -1.14 0.00	21.61 -0.83 0.00	25.94 -1.95 0.00	27.52 -2.75 0.00	27.18 -2.92 0.00	26.81 -2.81 0.00	25.15 -2.67 0.00	24.23 -2.08 0.00	23.13 -2.29 0.00	23.18 -2.24 0.00	23.31 -2.28 0.00	23.91 -2.60 0.00	27.10 -2.81 0.00	31.77 -2.99 0.00	33.43 -3.84 0.00	28.96 -2.55 0.00	26.85 -3.49 0.00	22.83 -2.51 0.00	20.71 -2.22 0.00	19.45 -1.22 0.00
BARON_WINDS___WT_PWR 323822	21.15 0.06 0.00	19.73 0.08 0.00	19.22 -0.04 0.00	19.65 -0.06 0.00	20.93 -0.10 0.00	22.56 0.11 0.00	27.87 -0.03 0.00	30.16 -0.12 0.00	29.89 -0.21 0.00	29.24 -0.39 0.00	27.43 -0.39 0.00	25.97 -0.34 0.00	25.01 -0.41 0.00	24.93 -0.48 0.00	25.13 -0.46 0.00	25.93 -0.58 0.00	29.34 -0.57 0.00	34.38 -0.38 0.00	36.78 -0.49 0.00	31.38 -0.13 0.00	29.70 -0.64 0.00	24.81 -0.53 0.00	22.43 -0.50 0.00	20.61 -0.06 0.00
BARRETT_IC_1 23704	22.00 0.91 -0.01	20.46 0.81 0.00	20.05 0.79 0.00	20.36 0.65 0.00	21.56 0.53 0.00	23.09 0.65 0.00	29.04 1.14 0.00	31.88 1.60 0.00	31.69 1.59 0.00	30.99 1.36 -0.01	32.08 1.28 -2.98	27.68 1.37 -0.01	26.85 1.42 -0.01	26.82 1.40 -0.01	28.55 1.38 -1.57	30.19 1.43 -2.25	32.08 1.76 -0.41	41.12 2.50 -3.86	45.10 2.87 -4.97	39.24 2.39 -5.34	33.98 2.19 -1.46	30.85 1.47 -4.04	27.10 1.42 -2.74	22.52 1.32 -0.53
BARRETT_IC_10 23701	22.00 0.91 -0.01	20.46 0.81 0.00	20.05 0.79 0.00	20.36 0.65 0.00	21.56 0.53 0.00	23.09 0.65 0.00	29.04 1.14 0.00	31.88 1.60 0.00	31.69 1.59 0.00	30.99 1.36 -0.01	32.08 1.28 -2.98	27.68 1.37 -0.01	26.85 1.42 -0.01	26.82 1.40 -0.01	28.55 1.38 -1.57	30.19 1.43 -2.25	32.08 1.76 -0.41	41.12 2.50 -3.86	45.10 2.87 -4.97	39.24 2.39 -5.34	33.98 2.19 -1.46	30.85 1.47 -4.04	27.10 1.42 -2.74	22.52 1.32 -0.53
BARRETT_IC_11 23702	22.00 0.91 -0.01	20.46 0.81 0.00	20.05 0.79 0.00	20.36 0.65 0.00	21.56 0.53 0.00	23.09 0.65 0.00	29.04 1.14 0.00	31.88 1.60 0.00	31.69 1.59 0.00	30.99 1.36 -0.01	32.08 1.28 -2.98	27.68 1.37 -0.01	26.85 1.42 -0.01	26.82 1.40 -0.01	28.55 1.38 -1.57	30.19 1.43 -2.25	32.08 1.76 -0.41	41.12 2.50 -3.86	45.10 2.87 -4.97	39.24 2.39 -5.34	33.98 2.19 -1.46	30.85 1.47 -4.04	27.10 1.42 -2.74	22.52 1.32 -0.53
BARRETT_IC_12 23703	22.00 0.91 -0.01	20.46 0.81 0.00	20.05 0.79 0.00	20.36 0.65 0.00	21.56 0.53 0.00	23.09 0.65 0.00	29.04 1.14 0.00	31.88 1.60 0.00	31.69 1.59 0.00	30.99 1.36 -0.01	32.08 1.28 -2.98	27.68 1.37 -0.01	26.85 1.42 -0.01	26.82 1.40 -0.01	28.55 1.38 -1.57	30.19 1.43 -2.25	32.08 1.76 -0.41	41.12 2.50 -3.86	45.10 2.87 -4.97	39.24 2.39 -5.34	33.98 2.19 -1.46	30.85 1.47 -4.04	27.10 1.42 -2.74	22.52 1.32 -0.53
BARRETT_IC_2 23705	22.00 0.91 -0.01	20.46 0.81 0.00	20.05 0.79 0.00	20.36 0.65 0.00	21.56 0.53 0.00	23.09 0.65 0.00	29.04 1.14 0.00	31.88 1.60 0.00	31.69 1.59 0.00	30.99 1.36 -0.01	32.08 1.28 -2.98	27.68 1.37 -0.01	26.85 1.42 -0.01	26.82 1.40 -0.01	28.55 1.38 -1.57	30.19 1.43 -2.25	32.08 1.76 -0.41	41.12 2.50 -3.86	45.10 2.87 -4.97	39.24 2.39 -5.34	33.98 2.19 -1.46	30.85 1.47 -4.04	27.10 1.42 -2.74	22.52 1.32 -0.53
BARRETT_IC_3 23706	22.00 0.91 -0.01	20.46 0.81 0.00	20.05 0.79 0.00	20.36 0.65 0.00	21.56 0.53 0.00	23.09 0.65 0.00	29.04 1.14 0.00	31.88 1.60 0.00	31.69 1.59 0.00	30.99 1.36 -0.01	32.08 1.28 -2.98	27.68 1.37 -0.01	26.85 1.42 -0.01	26.82 1.40 -0.01	28.55 1.38 -1.57	30.19 1.43 -2.25	32.08 1.76 -0.41	41.12 2.50 -3.86	45.10 2.87 -4.97	39.24 2.39 -5.34	33.98 2.19 -1.46	30.85 1.47 -4.04	27.10 1.42 -2.74	22.52 1.32 -0.53
BARRETT_IC_4 23707	22.00 0.91 -0.01	20.46 0.81 0.00	20.05 0.79 0.00	20.36 0.65 0.00	21.56 0.53 0.00	23.09 0.65 0.00	29.04 1.14 0.00	31.88 1.60 0.00	31.69 1.59 0.00	30.99 1.36 -0.01	32.08 1.28 -2.98	27.68 1.37 -0.01	26.85 1.42 -0.01	26.82 1.40 -0.01	28.55 1.38 -1.57	30.19 1.43 -2.25	32.08 1.76 -0.41	41.12 2.50 -3.86	45.10 2.87 -4.97	39.24 2.39 -5.34	33.98 2.19 -1.46	30.85 1.47 -4.04	27.10 1.42 -2.74	22.52 1.32 -0.53



BARRETT_IC_5 23708	22.00 0.91 -0.01	20.46 0.81 0.00	20.05 0.79 0.00	20.36 0.65 0.00	21.56 0.53 0.00	23.09 0.65 0.00	29.04 1.14 0.00	31.88 1.60 0.00	31.69 1.59 0.00	30.99 1.36 -0.01	32.08 1.28 -2.98	27.68 1.37 -0.01	26.85 1.42 -0.01	26.82 1.40 -0.01	28.55 1.38 -1.57	30.19 1.43 -2.25	32.08 1.76 -0.41	41.12 2.50 -3.86	45.10 2.87 -4.97	39.24 2.39 -5.34	33.98 2.19 -1.46	30.85 1.47 -4.04	27.10 1.42 -2.74	22.52 1.32 -0.53
BARRETT_IC_6 23709	22.00 0.91 -0.01	20.46 0.81 0.00	20.05 0.79 0.00	20.36 0.65 0.00	21.56 0.53 0.00	23.09 0.65 0.00	29.04 1.14 0.00	31.88 1.60 0.00	31.69 1.59 0.00	30.99 1.36 -0.01	32.08 1.28 -2.98	27.68 1.37 -0.01	26.85 1.42 -0.01	26.82 1.40 -0.01	28.55 1.38 -1.57	30.19 1.43 -2.25	32.08 1.76 -0.41	41.12 2.50 -3.86	45.10 2.87 -4.97	39.24 2.39 -5.34	33.98 2.19 -1.46	30.85 1.47 -4.04	27.10 1.42 -2.74	22.52 1.32 -0.53
BARRETT_IC_7 23710	21.99 0.91 0.00	20.48 0.83 0.00	20.05 0.79 0.00	20.36 0.65 0.00	21.58 0.55 0.00	23.09 0.65 0.00	29.04 1.14 0.00	31.88 1.60 0.00	31.70 1.60 0.00	30.98 1.36 0.00	32.08 1.28 -2.98	27.81 1.50 0.00	26.85 1.42 0.00	26.81 1.40 0.00	28.57 1.41 -1.57	30.19 1.43 -2.25	32.08 1.76 -0.41	41.15 2.54 -3.86	45.10 2.87 -4.97	39.30 2.46 -5.34	33.98 2.18 -1.46	30.93 1.55 -4.04	27.15 1.47 -2.74	22.52 1.32 -0.53
BARRETT_IC_8 23711	22.00 0.91 -0.01	20.46 0.81 0.00	20.05 0.79 0.00	20.36 0.65 0.00	21.56 0.53 0.00	23.09 0.65 0.00	29.04 1.14 0.00	31.88 1.60 0.00	31.69 1.59 0.00	30.99 1.36 -0.01	32.08 1.28 -2.98	27.68 1.37 -0.01	26.85 1.42 -0.01	26.82 1.40 -0.01	28.55 1.38 -1.57	30.19 1.43 -2.25	32.08 1.76 -0.41	41.12 2.50 -3.86	45.10 2.87 -4.97	39.24 2.39 -5.34	33.98 2.19 -1.46	30.85 1.47 -4.04	27.10 1.42 -2.74	22.52 1.32 -0.53
BARRETT_IC_9 23700	22.00 0.91 -0.01	20.46 0.81 0.00	20.05 0.79 0.00	20.36 0.65 0.00	21.56 0.53 0.00	23.09 0.65 0.00	29.04 1.14 0.00	31.88 1.60 0.00	31.69 1.59 0.00	30.99 1.36 -0.01	32.08 1.28 -2.98	27.68 1.37 -0.01	26.85 1.42 -0.01	26.82 1.40 -0.01	28.55 1.38 -1.57	30.19 1.43 -2.25	32.08 1.76 -0.41	41.12 2.50 -3.86	45.10 2.87 -4.97	39.24 2.39 -5.34	33.98 2.19 -1.46	30.85 1.47 -4.04	27.10 1.42 -2.74	22.52 1.32 -0.53
BARRETT___1 23545	22.00 0.91 -0.01	20.46 0.81 0.00	20.05 0.79 0.00	20.36 0.65 0.00	21.56 0.53 0.00	23.09 0.65 0.00	29.04 1.14 0.00	31.88 1.60 0.00	31.69 1.59 0.00	30.99 1.36 -0.01	32.08 1.28 -2.98	27.68 1.37 -0.01	26.85 1.42 -0.01	26.82 1.40 -0.01	28.55 1.38 -1.57	30.19 1.43 -2.25	32.08 1.76 -0.41	41.12 2.50 -3.86	45.10 2.87 -4.97	39.24 2.39 -5.34	33.98 2.19 -1.46	30.85 1.47 -4.04	27.10 1.42 -2.74	22.52 1.32 -0.53
BARRETT___2 23546	22.00 0.91 -0.01	20.46 0.81 0.00	20.05 0.79 0.00	20.36 0.65 0.00	21.56 0.53 0.00	23.09 0.65 0.00	29.04 1.14 0.00	31.88 1.60 0.00	31.69 1.59 0.00	30.99 1.36 -0.01	32.08 1.28 -2.98	27.68 1.37 -0.01	26.85 1.42 -0.01	26.82 1.40 -0.01	28.55 1.38 -1.57	30.19 1.43 -2.25	32.08 1.76 -0.41	41.12 2.50 -3.86	45.10 2.87 -4.97	39.24 2.39 -5.34	33.98 2.19 -1.46	30.85 1.47 -4.04	27.10 1.42 -2.74	22.52 1.32 -0.53
BATAVIA__115KV_TB1 55881	20.11 -0.97 0.00	18.83 -0.83 0.00	18.28 -0.98 0.00	18.74 -0.97 0.00	20.05 -0.99 0.00	21.70 -0.74 0.00	26.11 -1.79 0.00	27.98 -2.30 0.00	27.51 -2.59 0.00	26.93 -2.70 0.00	25.26 -2.56 0.00	23.89 -2.42 0.00	23.21 -2.21 0.00	23.23 -2.19 0.00	23.29 -2.30 0.00	24.07 -2.44 0.00	27.31 -2.60 0.00	31.84 -2.92 0.00	33.98 -3.28 0.00	28.96 -2.55 0.00	27.39 -2.94 0.00	22.91 -2.43 0.00	20.87 -2.06 0.00	19.59 -1.07 0.00
BAYONEEC___CTG1 323682	21.61 0.53 0.00	20.16 0.51 0.00	19.74 0.48 0.00	20.04 0.33 0.00	21.18 0.15 0.00	22.67 0.22 0.00	28.56 0.67 0.00	31.64 1.36 0.00	31.52 1.42 0.00	30.69 1.06 0.00	28.85 1.03 0.00	27.31 1.00 0.00	26.47 1.04 0.00	26.45 1.04 0.00	26.62 1.02 0.00	27.62 1.11 0.00	31.32 1.41 0.00	36.77 2.02 0.00	39.61 2.35 0.00	33.43 1.92 0.00	32.06 1.73 0.00	26.45 1.11 0.00	24.06 1.12 0.00	21.64 0.97 0.00
BAYONEEC___CTG10 323750	21.61 0.53 0.00	20.16 0.51 0.00	19.74 0.48 0.00	20.04 0.33 0.00	21.18 0.15 0.00	22.67 0.22 0.00	28.56 0.67 0.00	31.64 1.36 0.00	31.52 1.42 0.00	30.69 1.06 0.00	28.85 1.03 0.00	27.31 1.00 0.00	26.47 1.04 0.00	26.45 1.04 0.00	26.62 1.02 0.00	27.62 1.11 0.00	31.32 1.41 0.00	36.77 2.02 0.00	39.61 2.35 0.00	33.43 1.92 0.00	32.06 1.73 0.00	26.45 1.11 0.00	24.06 1.12 0.00	21.64 0.97 0.00
BAYONEEC___CTG2 323683	21.61 0.53 0.00	20.16 0.51 0.00	19.74 0.48 0.00	20.04 0.33 0.00	21.18 0.15 0.00	22.67 0.22 0.00	28.56 0.67 0.00	31.64 1.36 0.00	31.52 1.42 0.00	30.69 1.06 0.00	28.85 1.03 0.00	27.31 1.00 0.00	26.47 1.04 0.00	26.45 1.04 0.00	26.62 1.02 0.00	27.62 1.11 0.00	31.32 1.41 0.00	36.77 2.02 0.00	39.61 2.35 0.00	33.43 1.92 0.00	32.06 1.73 0.00	26.45 1.11 0.00	24.06 1.12 0.00	21.64 0.97 0.00
BAYONEEC___CTG3 323684	21.61 0.53 0.00	20.16 0.51 0.00	19.74 0.48 0.00	20.04 0.33 0.00	21.18 0.15 0.00	22.67 0.22 0.00	28.56 0.67 0.00	31.64 1.36 0.00	31.52 1.42 0.00	30.69 1.06 0.00	28.85 1.03 0.00	27.31 1.00 0.00	26.47 1.04 0.00	26.45 1.04 0.00	26.62 1.02 0.00	27.62 1.11 0.00	31.32 1.41 0.00	36.77 2.02 0.00	39.61 2.35 0.00	33.43 1.92 0.00	32.06 1.73 0.00	26.45 1.11 0.00	24.06 1.12 0.00	21.64 0.97 0.00
BAYONEEC___CTG4 323685	21.61 0.53 0.00	20.16 0.51 0.00	19.74 0.48 0.00	20.04 0.33 0.00	21.18 0.15 0.00	22.67 0.22 0.00	28.56 0.67 0.00	31.64 1.36 0.00	31.52 1.42 0.00	30.69 1.06 0.00	28.85 1.03 0.00	27.31 1.00 0.00	26.47 1.04 0.00	26.45 1.04 0.00	26.62 1.02 0.00	27.62 1.11 0.00	31.32 1.41 0.00	36.77 2.02 0.00	39.61 2.35 0.00	33.43 1.92 0.00	32.06 1.73 0.00	26.45 1.11 0.00	24.06 1.12 0.00	21.64 0.97 0.00
BAYONEEC___CTG5 323686	21.61 0.53 0.00	20.16 0.51 0.00	19.74 0.48 0.00	20.04 0.33 0.00	21.18 0.15 0.00	22.67 0.22 0.00	28.56 0.67 0.00	31.64 1.36 0.00	31.52 1.42 0.00	30.69 1.06 0.00	28.85 1.03 0.00	27.31 1.00 0.00	26.47 1.04 0.00	26.45 1.04 0.00	26.62 1.02 0.00	27.62 1.11 0.00	31.32 1.41 0.00	36.77 2.02 0.00	39.61 2.35 0.00	33.43 1.92 0.00	32.06 1.73 0.00	26.45 1.11 0.00	24.06 1.12 0.00	21.64 0.97 0.00
BAYONEEC___CTG6 323687	21.61 0.53 0.00	20.16 0.51 0.00	19.74 0.48 0.00	20.04 0.33 0.00	21.18 0.15 0.00	22.67 0.22 0.00	28.56 0.67 0.00	31.64 1.36 0.00	31.52 1.42 0.00	30.69 1.06 0.00	28.85 1.03 0.00	27.31 1.00 0.00	26.47 1.04 0.00	26.45 1.04 0.00	26.62 1.02 0.00	27.62 1.11 0.00	31.32 1.41 0.00	36.77 2.02 0.00	39.61 2.35 0.00	33.43 1.92 0.00	32.06 1.73 0.00	26.45 1.11 0.00	24.06 1.12 0.00	21.64 0.97 0.00



BAYONEEC___CTG7 323688	21.61 0.53 0.00	20.16 0.51 0.00	19.74 0.48 0.00	20.04 0.33 0.00	21.18 0.15 0.00	22.67 0.22 0.00	28.56 0.67 0.00	31.64 1.36 0.00	31.52 1.42 0.00	30.69 1.06 0.00	28.85 1.03 0.00	27.31 1.00 0.00	26.47 1.04 0.00	26.45 1.04 0.00	26.62 1.02 0.00	27.62 1.11 0.00	31.32 1.41 0.00	36.77 2.02 0.00	39.61 2.35 0.00	33.43 1.92 0.00	32.06 1.73 0.00	26.45 1.11 0.00	24.06 1.12 0.00	21.64 0.97 0.00
BAYONEEC___CTG8 323689	21.61 0.53 0.00	20.16 0.51 0.00	19.74 0.48 0.00	20.04 0.33 0.00	21.18 0.15 0.00	22.67 0.22 0.00	28.56 0.67 0.00	31.64 1.36 0.00	31.52 1.42 0.00	30.69 1.06 0.00	28.85 1.03 0.00	27.31 1.00 0.00	26.47 1.04 0.00	26.45 1.04 0.00	26.62 1.02 0.00	27.62 1.11 0.00	31.32 1.41 0.00	36.77 2.02 0.00	39.61 2.35 0.00	33.43 1.92 0.00	32.06 1.73 0.00	26.45 1.11 0.00	24.06 1.12 0.00	21.64 0.97 0.00
BAYONEEC___CTG9 323749	21.61 0.53 0.00	20.16 0.51 0.00	19.74 0.48 0.00	20.04 0.33 0.00	21.18 0.15 0.00	22.67 0.22 0.00	28.56 0.67 0.00	31.64 1.36 0.00	31.52 1.42 0.00	30.69 1.06 0.00	28.85 1.03 0.00	27.31 1.00 0.00	26.47 1.04 0.00	26.45 1.04 0.00	26.62 1.02 0.00	27.62 1.11 0.00	31.32 1.41 0.00	36.77 2.02 0.00	39.61 2.35 0.00	33.43 1.92 0.00	32.06 1.73 0.00	26.45 1.11 0.00	24.06 1.12 0.00	21.64 0.97 0.00
BEACON___LESR 323632	21.80 0.72 0.00	20.38 0.73 0.00	19.95 0.69 0.00	20.34 0.63 0.00	21.60 0.57 0.00	23.07 0.63 0.00	28.79 0.89 0.00	31.55 1.27 0.00	31.36 1.26 0.00	30.63 1.01 0.00	28.71 0.89 0.00	27.15 0.84 0.00	26.34 0.91 0.00	26.35 0.94 0.00	26.46 0.87 0.00	27.49 0.98 0.00	31.14 1.23 0.00	36.60 1.84 0.00	39.31 2.05 0.00	33.11 1.61 0.00	31.79 1.46 0.00	26.35 1.01 0.00	23.92 0.99 0.00	21.58 0.91 0.00
BEAVER RIVER___HYD 24048	20.79 -0.30 0.00	19.38 -0.28 0.00	18.95 -0.31 0.00	19.43 -0.28 0.00	20.89 -0.15 0.00	22.31 -0.13 0.00	27.78 -0.11 0.00	30.46 0.18 0.00	30.07 -0.03 0.00	29.45 -0.18 0.00	27.57 -0.25 0.00	26.02 -0.29 0.00	25.09 -0.33 0.00	25.08 -0.33 0.00	25.26 -0.33 0.00	26.19 -0.32 0.00	29.61 -0.30 0.00	34.45 -0.31 0.00	36.89 -0.37 0.00	31.22 -0.28 0.00	30.09 -0.24 0.00	25.19 -0.15 0.00	22.73 -0.21 0.00	20.42 -0.25 0.00
BEEBEE_GT_13 23619	20.32 -0.76 0.00	19.00 -0.65 0.00	18.51 -0.75 0.00	18.94 -0.77 0.00	20.24 -0.80 0.00	21.79 -0.65 0.00	26.53 -1.37 0.00	28.58 -1.70 0.00	28.23 -1.87 0.00	27.67 -1.96 0.00	25.98 -1.84 0.00	24.57 -1.74 0.00	23.85 -1.58 0.00	23.84 -1.58 0.00	23.95 -1.64 0.00	24.79 -1.72 0.00	28.12 -1.79 0.00	32.74 -2.02 0.00	34.99 -2.27 0.00	29.74 -1.76 0.00	28.24 -2.09 0.00	23.59 -1.75 0.00	21.47 -1.47 0.00	19.92 -0.74 0.00
BENSHRST_27_KV_BENSHRST_1 355998	21.95 0.86 0.00	20.42 0.77 0.00	20.01 0.75 0.00	20.30 0.59 0.00	21.44 0.40 0.00	22.85 0.40 0.00	28.76 0.86 0.00	31.85 1.57 0.00	31.73 1.63 0.00	30.90 1.27 0.00	29.04 1.22 0.00	27.57 1.26 0.00	26.64 1.22 0.00	26.66 1.25 0.00	26.85 1.25 0.00	27.84 1.33 0.00	31.58 1.67 0.00	37.19 2.43 0.00	40.06 2.79 0.00	33.90 2.39 0.00	32.37 2.03 0.00	26.78 1.44 0.00	24.42 1.49 0.00	21.93 1.26 0.00
BETHLEHEM___GRP 23843	21.59 0.51 0.00	20.18 0.53 0.00	19.76 0.50 0.00	20.14 0.43 0.00	21.39 0.36 0.00	22.85 0.40 0.00	28.48 0.59 0.00	31.25 0.97 0.00	31.03 0.93 0.00	30.33 0.71 0.00	28.46 0.64 0.00	26.97 0.66 0.00	26.06 0.64 0.00	26.05 0.64 0.00	26.23 0.64 0.00	27.20 0.69 0.00	30.78 0.87 0.00	36.18 1.43 0.00	38.86 1.60 0.00	32.83 1.32 0.00	31.46 1.12 0.00	26.13 0.79 0.00	23.71 0.78 0.00	21.39 0.72 0.00
BETHLEHEM___GS1 323560	21.59 0.51 0.00	20.18 0.53 0.00	19.76 0.50 0.00	20.14 0.43 0.00	21.39 0.36 0.00	22.85 0.40 0.00	28.48 0.59 0.00	31.24 0.97 0.00	31.03 0.93 0.00	30.33 0.71 0.00	28.46 0.64 0.00	26.89 0.58 0.00	26.06 0.64 0.00	26.05 0.64 0.00	26.21 0.61 0.00	27.20 0.69 0.00	30.78 0.87 0.00	36.19 1.43 0.00	38.86 1.60 0.00	32.77 1.26 0.00	31.46 1.12 0.00	26.10 0.76 0.00	23.69 0.76 0.00	21.39 0.72 0.00
BETHLEHEM___GS2 323561	21.59 0.51 0.00	20.18 0.53 0.00	19.76 0.50 0.00	20.14 0.43 0.00	21.39 0.36 0.00	22.85 0.40 0.00	28.48 0.59 0.00	31.24 0.97 0.00	31.03 0.93 0.00	30.33 0.71 0.00	28.46 0.64 0.00	26.89 0.58 0.00	26.06 0.64 0.00	26.05 0.64 0.00	26.21 0.61 0.00	27.20 0.69 0.00	30.78 0.87 0.00	36.19 1.43 0.00	38.86 1.60 0.00	32.77 1.26 0.00	31.46 1.12 0.00	26.10 0.76 0.00	23.69 0.76 0.00	21.39 0.72 0.00
BETHLEHEM___GS3 323562	21.59 0.51 0.00	20.18 0.53 0.00	19.76 0.50 0.00	20.14 0.43 0.00	21.39 0.36 0.00	22.85 0.40 0.00	28.48 0.59 0.00	31.24 0.97 0.00	31.03 0.93 0.00	30.33 0.71 0.00	28.46 0.64 0.00	26.89 0.58 0.00	26.06 0.64 0.00	26.05 0.64 0.00	26.21 0.61 0.00	27.20 0.69 0.00	30.78 0.87 0.00	36.19 1.43 0.00	38.86 1.60 0.00	32.77 1.26 0.00	31.46 1.12 0.00	26.10 0.76 0.00	23.69 0.76 0.00	21.39 0.72 0.00
BETHLEHEM___STEEL 23779	19.94 -1.14 0.00	18.65 -1.00 0.00	18.10 -1.16 0.00	18.54 -1.16 0.00	19.86 -1.18 0.00	21.57 -0.88 0.00	25.80 -2.09 0.00	27.37 -2.91 0.00	27.03 -3.07 0.00	26.57 -3.05 0.00	24.98 -2.84 0.00	23.65 -2.66 0.00	23.01 -2.42 0.00	23.05 -2.36 0.00	23.03 -2.56 0.00	23.81 -2.70 0.00	26.98 -2.93 0.00	31.46 -3.30 0.00	33.31 -3.95 0.00	28.42 -3.09 0.00	26.79 -3.55 0.00	22.48 -2.86 0.00	20.55 -2.39 0.00	19.41 -1.26 0.00
BETHLHEM_115KV_TB1 79974	21.57 0.48 0.00	20.16 0.51 0.00	19.74 0.48 0.00	20.12 0.41 0.00	21.39 0.36 0.00	22.82 0.38 0.00	28.45 0.56 0.00	31.28 1.00 0.00	31.06 0.96 0.00	30.36 0.74 0.00	28.48 0.67 0.00	26.99 0.68 0.00	26.08 0.66 0.00	26.07 0.66 0.00	26.26 0.67 0.00	27.20 0.69 0.00	30.81 0.90 0.00	36.22 1.46 0.00	38.90 1.64 0.00	32.86 1.35 0.00	31.49 1.15 0.00	26.15 0.81 0.00	23.74 0.80 0.00	21.41 0.74 0.00
BETHPAGE_CC_5 323564	22.10 1.01 0.00	20.56 0.90 0.00	20.14 0.89 0.00	20.46 0.75 0.00	21.67 0.63 0.00	23.23 0.79 0.00	29.21 1.31 0.00	32.03 1.76 0.00	31.85 1.75 0.00	31.16 1.54 0.00	29.90 1.61 -0.47	27.84 1.53 0.00	27.03 1.60 0.00	26.96 1.55 0.00	28.74 1.64 -1.51	30.14 1.72 -1.90	32.24 2.09 -0.23	41.50 2.88 -3.86	45.51 3.28 -4.97	39.52 2.68 -5.34	34.22 2.43 -1.46	30.56 1.70 -3.53	26.67 1.67 -2.06	22.64 1.51 -0.46
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	19.99 -1.10 0.00	18.71 -0.94 0.00	18.14 -1.12 0.00	18.60 -1.10 0.00	19.90 -1.14 0.00	21.63 -0.81 0.00	25.92 -1.98 0.00	27.46 -2.82 0.00	27.12 -2.98 0.00	26.66 -2.96 0.00	25.06 -2.75 0.00	23.76 -2.55 0.00	23.08 -2.34 0.00	23.12 -2.29 0.00	23.11 -2.48 0.00	23.89 -2.62 0.00	27.07 -2.84 0.00	31.56 -3.20 0.00	33.42 -3.84 0.00	28.51 -2.99 0.00	26.88 -3.46 0.00	22.55 -2.79 0.00	20.59 -2.34 0.00	19.45 -1.22 0.00



BINGHAMTON___COGEN 23790	21.12 0.04 0.00	19.73 0.08 0.00	19.28 0.02 0.00	19.69 -0.02 0.00	20.97 -0.06 0.00	22.49 0.04 0.00	27.84 -0.06 0.00	30.34 0.06 0.00	30.07 -0.03 0.00	29.44 -0.18 0.00	27.62 -0.19 0.00	26.07 -0.24 0.00	25.22 -0.20 0.00	25.18 -0.23 0.00	25.36 -0.23 0.00	26.27 -0.24 0.00	29.73 -0.18 0.00	34.79 0.03 0.00	37.30 0.04 0.00	31.63 0.13 0.00	30.18 -0.15 0.00	25.16 -0.18 0.00	22.82 -0.11 0.00	20.85 0.19 0.00
BIXINCNT_115KV_LOAD 355685	19.99 -1.10 0.00	18.73 -0.92 0.00	18.14 -1.12 0.00	18.60 -1.10 0.00	19.92 -1.11 0.00	21.68 -0.76 0.00	26.08 -1.81 0.00	27.61 -2.66 0.00	27.30 -2.80 0.00	26.90 -2.73 0.00	25.37 -2.45 0.00	24.07 -2.24 0.00	23.39 -2.03 0.00	23.43 -1.98 0.00	23.39 -2.20 0.00	24.18 -2.33 0.00	27.40 -2.51 0.00	32.01 -2.75 0.00	33.69 -3.58 0.00	28.61 -2.90 0.00	26.79 -3.55 0.00	22.45 -2.89 0.00	20.43 -2.50 0.00	19.22 -1.45 0.00
BLACK RIVER___HYD 24047	20.85 -0.23 0.00	19.45 -0.20 0.00	19.01 -0.25 0.00	19.47 -0.24 0.00	20.91 -0.13 0.00	22.31 -0.13 0.00	27.84 -0.06 0.00	30.49 0.21 0.00	29.98 -0.12 0.00	29.21 -0.41 0.00	27.32 -0.50 0.00	25.76 -0.55 0.00	24.81 -0.61 0.00	24.78 -0.63 0.00	24.98 -0.61 0.00	25.90 -0.61 0.00	29.40 -0.51 0.00	34.45 -0.31 0.00	37.00 -0.26 0.00	31.41 -0.09 0.00	30.18 -0.15 0.00	25.21 -0.13 0.00	22.70 -0.23 0.00	20.50 -0.17 0.00
BLACKRVR_115KV_TB2 79977	20.85 -0.23 0.00	19.45 -0.20 0.00	19.01 -0.25 0.00	19.47 -0.24 0.00	20.91 -0.13 0.00	22.31 -0.13 0.00	27.84 -0.06 0.00	30.49 0.21 0.00	29.98 -0.12 0.00	29.21 -0.41 0.00	27.32 -0.50 0.00	25.73 -0.58 0.00	24.81 -0.61 0.00	24.78 -0.64 0.00	24.98 -0.61 0.00	25.90 -0.61 0.00	29.40 -0.51 0.00	34.45 -0.31 0.00	37.00 -0.26 0.00	31.38 -0.13 0.00	30.18 -0.15 0.00	25.19 -0.15 0.00	22.68 -0.25 0.00	20.50 -0.17 0.00
BLISS_WT_PWR 323608	19.96 -1.12 0.00	18.67 -0.98 0.00	18.06 -1.19 0.00	18.54 -1.16 0.00	19.86 -1.18 0.00	21.61 -0.83 0.00	26.00 -1.90 0.00	27.52 -2.75 0.00	27.24 -2.86 0.00	26.90 -2.72 0.00	25.40 -2.42 0.00	24.49 -1.82 0.00	23.39 -2.03 0.00	23.43 -1.98 0.00	23.57 -2.02 0.00	24.18 -2.33 0.00	27.40 -2.51 0.00	32.15 -2.61 0.00	33.61 -3.65 0.00	28.89 -2.61 0.00	26.63 -3.70 0.00	22.58 -2.76 0.00	20.41 -2.52 0.00	19.08 -1.59 0.00
BLUESTONE___WT_PWR 323821	22.26 1.18 0.00	20.81 1.16 0.00	20.30 1.04 0.00	20.73 1.02 0.00	22.15 1.11 0.00	23.74 1.30 0.00	29.63 1.73 0.00	32.39 2.12 0.00	31.94 1.84 0.00	31.19 1.57 0.00	29.12 1.31 0.00	27.36 1.05 0.00	26.34 0.91 0.00	26.33 0.91 0.00	26.59 1.00 0.00	27.60 1.09 0.00	31.35 1.44 0.00	36.92 2.16 0.00	39.50 2.24 0.00	33.49 1.99 0.00	31.82 1.49 0.00	26.48 1.14 0.00	23.90 0.96 0.00	21.76 1.09 0.00
BLUE_CIRC_CHEM_DRP 24182	21.65 0.57 0.00	20.26 0.61 0.00	19.84 0.58 0.00	20.22 0.51 0.00	21.52 0.48 0.00	22.96 0.52 0.00	28.59 0.70 0.00	31.25 0.97 0.00	31.00 0.90 0.00	30.33 0.71 0.00	28.43 0.61 0.00	26.94 0.63 0.00	26.03 0.61 0.00	26.02 0.61 0.00	26.21 0.61 0.00	27.15 0.64 0.00	30.72 0.81 0.00	36.05 1.29 0.00	38.72 1.45 0.00	32.70 1.20 0.00	31.34 1.00 0.00	26.05 0.71 0.00	23.64 0.71 0.00	21.35 0.68 0.00
BOC_GAS_DRP 24189	21.44 0.36 0.00	20.04 0.39 0.00	19.62 0.37 0.00	20.00 0.30 0.00	21.27 0.23 0.00	22.69 0.25 0.00	28.31 0.42 0.00	30.97 0.70 0.00	30.76 0.66 0.00	30.10 0.47 0.00	28.26 0.45 0.00	26.76 0.45 0.00	25.85 0.43 0.00	25.84 0.43 0.00	26.03 0.44 0.00	26.99 0.48 0.00	30.54 0.63 0.00	35.80 1.04 0.00	38.45 1.19 0.00	32.48 0.98 0.00	31.15 0.82 0.00	25.90 0.56 0.00	23.51 0.57 0.00	21.21 0.54 0.00
BOONVILLE_115KV_TB1 79983	21.29 0.21 0.00	19.87 0.22 0.00	19.43 0.17 0.00	19.88 0.18 0.00	21.27 0.23 0.00	22.71 0.27 0.00	28.31 0.42 0.00	31.03 0.76 0.00	30.73 0.63 0.00	30.10 0.47 0.00	28.21 0.39 0.00	26.60 0.29 0.00	25.65 0.23 0.00	25.67 0.25 0.00	25.87 0.28 0.00	26.86 0.34 0.00	30.39 0.48 0.00	35.45 0.70 0.00	37.90 0.63 0.00	32.04 0.54 0.00	30.79 0.46 0.00	25.67 0.33 0.00	23.19 0.25 0.00	20.92 0.25 0.00
BORALEX_4TH_BRANCH 23824	21.59 0.51 0.00	20.22 0.57 0.00	19.78 0.52 0.00	20.10 0.39 0.00	21.33 0.29 0.00	22.76 0.31 0.00	28.48 0.59 0.00	31.31 1.03 0.00	31.00 0.90 0.00	30.21 0.59 0.00	28.35 0.53 0.00	26.86 0.55 0.00	25.93 0.51 0.00	25.95 0.53 0.00	26.13 0.54 0.00	27.07 0.56 0.00	30.66 0.75 0.00	36.18 1.43 0.00	38.90 1.64 0.00	32.89 1.39 0.00	31.52 1.18 0.00	26.13 0.79 0.00	23.74 0.80 0.00	21.41 0.74 0.00
BOWLINE___1 23526	21.57 0.49 0.00	20.12 0.47 0.00	19.70 0.44 0.00	20.02 0.31 0.00	21.20 0.17 0.00	22.69 0.25 0.00	28.51 0.61 0.00	31.49 1.21 0.00	31.33 1.23 0.00	30.54 0.92 0.00	28.71 0.89 0.00	27.15 0.84 0.00	26.29 0.86 0.00	26.28 0.86 0.00	26.46 0.87 0.00	27.46 0.95 0.00	31.14 1.23 0.00	36.60 1.84 0.00	39.42 2.16 0.00	33.24 1.73 0.00	31.88 1.55 0.00	26.35 1.01 0.00	23.97 1.03 0.00	21.58 0.91 0.00
BOWLINE___2 23595	21.57 0.49 0.00	20.12 0.47 0.00	19.70 0.44 0.00	20.02 0.31 0.00	21.20 0.17 0.00	22.69 0.25 0.00	28.51 0.61 0.00	31.49 1.21 0.00	31.33 1.23 0.00	30.54 0.92 0.00	28.71 0.89 0.00	27.15 0.84 0.00	26.31 0.89 0.00	26.28 0.86 0.00	26.46 0.87 0.00	27.46 0.95 0.00	31.14 1.23 0.00	36.60 1.84 0.00	39.42 2.16 0.00	33.24 1.73 0.00	31.88 1.55 0.00	26.35 1.01 0.00	23.97 1.03 0.00	21.58 0.91 0.00
BRADY___115KV_TB2 356060	21.31 0.23 0.00	19.79 0.14 0.00	19.43 0.17 0.00	20.00 0.30 0.00	21.62 0.59 0.00	23.14 0.70 0.00	28.59 0.70 0.00	30.76 0.48 0.00	30.58 0.48 0.00	30.42 0.80 0.00	28.54 0.72 0.00	26.91 0.61 0.00	25.98 0.56 0.00	26.00 0.58 0.00	26.13 0.54 0.00	27.01 0.50 0.00	30.24 0.33 0.00	34.66 -0.10 0.00	37.00 -0.26 0.00	31.26 -0.25 0.00	30.46 0.12 0.00	25.67 0.33 0.00	23.16 0.23 0.00	20.46 -0.21 0.00
BRANSCOMB___SOLAR 323811	21.65 0.57 0.00	20.26 0.61 0.00	19.84 0.58 0.00	20.22 0.51 0.00	21.50 0.46 0.00	22.96 0.52 0.00	28.68 0.78 0.00	31.34 1.06 0.00	31.12 1.02 0.00	30.39 0.77 0.00	28.48 0.67 0.00	26.91 0.61 0.00	26.08 0.66 0.00	26.07 0.66 0.00	26.23 0.64 0.00	27.25 0.74 0.00	30.87 0.96 0.00	36.36 1.60 0.00	39.05 1.79 0.00	32.89 1.38 0.00	31.58 1.24 0.00	26.17 0.83 0.00	23.71 0.78 0.00	21.41 0.74 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	22.26 1.18 0.00	20.71 1.06 0.00	20.28 1.02 0.00	20.59 0.89 0.00	21.84 0.80 0.00	23.39 0.94 0.00	29.40 1.51 0.00	32.09 1.82 0.00	31.85 1.75 0.00	31.19 1.57 0.00	29.47 1.45 0.00	28.07 1.76 0.00	27.10 1.68 0.00	27.06 1.65 0.00	28.84 1.74 -1.50	30.19 1.80 -1.88	32.34 2.21 -0.22	41.78 3.16 -3.86	45.77 3.54 -4.97	39.81 2.96 -5.34	34.40 2.61 -1.46	30.55 1.72 -3.48	26.55 1.61 -2.01	22.78 1.65 -0.46



BRISTLHL_115KV_TB1 79998	20.75 -0.34 0.00	19.40 -0.26 0.00	18.95 -0.31 0.00	19.37 -0.34 0.00	20.64 -0.40 0.00	21.99 -0.45 0.00	27.25 -0.64 0.00	29.64 -0.64 0.00	29.41 -0.69 0.00	28.82 -0.80 0.00	27.07 -0.75 0.00	25.55 -0.76 0.00	24.71 -0.71 0.00	24.67 -0.74 0.00	24.88 -0.72 0.00	25.77 -0.74 0.00	29.13 -0.78 0.00	33.99 -0.76 0.00	36.48 -0.78 0.00	30.91 -0.60 0.00	29.55 -0.79 0.00	24.66 -0.68 0.00	22.34 -0.60 0.00	20.46 -0.21 0.00
BROOKHAVEN___DRP 24191	22.14 1.05 0.00	20.61 0.96 0.00	20.20 0.94 0.00	20.52 0.81 0.00	21.71 0.67 0.00	23.25 0.81 0.00	29.10 1.20 0.00	31.76 1.48 0.00	31.51 1.41 0.00	30.93 1.30 0.00	29.45 1.47 -0.16	27.84 1.53 0.00	26.87 1.45 0.00	26.81 1.40 0.00	28.61 1.51 -1.50	29.97 1.59 -1.87	32.07 1.94 -0.22	41.57 2.95 -3.86	45.47 3.24 -4.97	39.52 2.68 -5.34	34.16 2.37 -1.46	30.54 1.72 -3.48	26.54 1.61 -2.00	22.53 1.41 -0.46
BROOKLYN_NAVY_YARD 23515	21.59 0.51 0.00	20.12 0.47 0.00	19.72 0.46 0.00	20.02 0.31 0.00	21.16 0.13 0.00	22.67 0.22 0.00	28.56 0.67 0.00	31.64 1.36 0.00	31.54 1.44 0.00	30.72 1.10 0.00	28.87 1.06 0.00	27.31 1.00 0.00	26.49 1.07 0.00	26.48 1.07 0.00	26.64 1.05 0.00	27.65 1.14 0.00	31.35 1.44 0.00	36.84 2.09 0.00	39.68 2.42 0.00	33.49 1.99 0.00	32.09 1.76 0.00	26.48 1.14 0.00	24.08 1.15 0.00	21.64 0.97 0.00
BROOKLYN___ARMY_DRP 323595	21.86 0.78 0.00	20.36 0.71 0.00	19.95 0.69 0.00	20.24 0.53 0.00	21.37 0.34 0.00	22.78 0.34 0.00	28.68 0.78 0.00	31.73 1.45 0.00	31.61 1.51 0.00	30.78 1.16 0.00	28.93 1.11 0.00	27.47 1.16 0.00	26.54 1.12 0.00	26.53 1.12 0.00	26.74 1.15 0.00	27.73 1.22 0.00	31.46 1.56 0.00	37.02 2.26 0.00	39.87 2.61 0.00	33.74 2.24 0.00	32.22 1.88 0.00	26.68 1.34 0.00	24.33 1.40 0.00	21.87 1.20 0.00
BROOKVLE_69_KV_TB1 55790	22.18 1.10 0.00	20.63 0.98 0.00	20.20 0.94 0.00	20.52 0.81 0.00	21.75 0.72 0.00	23.30 0.85 0.00	29.35 1.45 0.00	32.24 1.97 0.00	32.06 1.96 0.00	31.64 2.01 0.00	30.81 2.03 -0.96	28.12 1.82 0.00	27.18 1.75 0.00	27.11 1.70 0.00	28.93 1.82 -1.52	30.33 1.88 -1.94	32.49 2.33 -0.25	41.64 3.02 -3.86	45.58 3.35 -4.97	39.87 3.02 -5.34	34.43 2.64 -1.46	30.87 1.95 -3.58	26.88 1.81 -2.14	22.75 1.61 -0.47
BROOME_2_LFGE 323671	21.15 0.06 0.00	19.73 0.08 0.00	19.28 0.02 0.00	19.69 -0.02 0.00	20.97 -0.06 0.00	22.49 0.04 0.00	27.84 -0.06 0.00	30.34 0.06 0.00	30.07 -0.03 0.00	29.45 -0.18 0.00	27.62 -0.19 0.00	26.13 -0.18 0.00	25.22 -0.20 0.00	25.18 -0.23 0.00	25.39 -0.21 0.00	26.27 -0.24 0.00	29.73 -0.18 0.00	34.79 0.03 0.00	37.30 0.04 0.00	31.70 0.19 0.00	30.18 -0.15 0.00	25.21 -0.13 0.00	22.82 -0.11 0.00	20.85 0.19 0.00
BROOME___LFGE 323600	21.15 0.06 0.00	19.73 0.08 0.00	19.28 0.02 0.00	19.69 -0.02 0.00	20.97 -0.06 0.00	22.49 0.04 0.00	27.84 -0.06 0.00	30.34 0.06 0.00	30.07 -0.03 0.00	29.45 -0.18 0.00	27.62 -0.19 0.00	26.13 -0.18 0.00	25.22 -0.20 0.00	25.18 -0.23 0.00	25.39 -0.21 0.00	26.27 -0.24 0.00	29.73 -0.18 0.00	34.79 0.03 0.00	37.30 0.04 0.00	31.70 0.19 0.00	30.18 -0.15 0.00	25.21 -0.13 0.00	22.82 -0.11 0.00	20.85 0.19 0.00
BROWNFLS_115KV_TB_3_5 80003	20.89 -0.19 0.00	19.43 -0.22 0.00	19.05 -0.21 0.00	19.57 -0.14 0.00	21.10 0.06 0.00	22.53 0.09 0.00	27.98 0.08 0.00	30.40 0.12 0.00	30.13 0.03 0.00	29.68 0.06 0.00	27.84 0.03 0.00	26.28 -0.03 0.00	25.35 -0.08 0.00	25.34 -0.08 0.00	25.52 -0.08 0.00	26.38 -0.13 0.00	29.58 -0.33 0.00	34.20 -0.56 0.00	36.55 -0.71 0.00	30.91 -0.60 0.00	30.03 -0.30 0.00	25.21 -0.13 0.00	22.77 -0.16 0.00	20.30 -0.37 0.00
BROWNSV1_27_KV_LOAD 356125	21.82 0.74 0.00	20.32 0.67 0.00	19.91 0.65 0.00	20.22 0.51 0.00	21.35 0.32 0.00	22.87 0.43 0.00	28.82 0.92 0.00	31.91 1.63 0.00	31.82 1.72 0.00	31.01 1.39 0.00	29.12 1.31 0.00	27.65 1.34 0.00	26.72 1.30 0.00	26.71 1.30 0.00	26.92 1.33 0.00	27.89 1.38 0.00	31.61 1.70 0.00	37.19 2.43 0.00	40.02 2.76 0.00	33.90 2.39 0.00	32.37 2.03 0.00	26.81 1.47 0.00	24.33 1.40 0.00	21.83 1.16 0.00
BURROWS___LYONSDAL 23803	21.17 0.08 0.00	19.75 0.10 0.00	19.32 0.06 0.00	19.77 0.06 0.00	21.16 0.13 0.00	22.60 0.16 0.00	28.20 0.31 0.00	30.91 0.64 0.00	30.61 0.51 0.00	29.95 0.33 0.00	28.07 0.25 0.00	26.47 0.16 0.00	25.55 0.13 0.00	25.54 0.13 0.00	25.75 0.15 0.00	26.72 0.21 0.00	30.24 0.33 0.00	35.21 0.45 0.00	37.67 0.41 0.00	31.82 0.32 0.00	30.58 0.24 0.00	25.52 0.18 0.00	23.05 0.11 0.00	20.77 0.10 0.00
CAITHNESS_CC_1 323624	22.09 1.01 0.00	20.56 0.90 0.00	20.16 0.91 0.00	20.50 0.79 0.00	21.65 0.61 0.00	23.21 0.76 0.00	29.04 1.14 0.00	31.73 1.45 0.00	31.49 1.39 0.00	30.87 1.24 0.00	29.40 1.42 -0.16	27.65 1.34 0.00	26.85 1.42 0.00	26.78 1.37 0.00	28.55 1.46 -1.50	29.95 1.56 -1.87	32.04 1.92 -0.22	41.47 2.85 -3.86	45.43 3.21 -4.97	39.40 2.55 -5.34	34.13 2.34 -1.46	30.44 1.62 -3.48	26.47 1.54 -2.00	22.51 1.38 -0.46
CALPINE BETH_PAGE_GT4 24209	22.12 1.03 0.00	20.57 0.92 0.00	20.14 0.89 0.00	20.48 0.77 0.00	21.69 0.65 0.00	23.23 0.79 0.00	29.23 1.34 0.00	32.06 1.79 0.00	31.88 1.78 0.00	31.19 1.57 0.00	30.06 1.64 -0.60	27.99 1.68 0.00	27.02 1.60 0.00	26.99 1.58 0.00	28.77 1.66 -1.51	30.18 1.75 -1.92	32.21 2.06 -0.24	41.50 2.89 -3.86	45.43 3.20 -4.97	39.59 2.74 -5.34	34.19 2.40 -1.46	30.63 1.75 -3.55	26.74 1.72 -2.09	22.66 1.53 -0.47
CALPINE_BETH_PAGE_GT_4 323586	22.12 1.03 0.00	20.57 0.92 0.00	20.14 0.89 0.00	20.47 0.77 0.00	21.69 0.65 0.00	23.23 0.79 0.00	29.23 1.34 0.00	32.06 1.79 0.00	31.88 1.78 0.00	31.19 1.57 0.00	30.03 1.61 -0.60	27.86 1.55 0.00	27.03 1.60 0.00	26.99 1.58 0.00	28.74 1.64 -1.51	30.18 1.75 -1.92	32.21 2.06 -0.24	41.47 2.85 -3.86	45.47 3.24 -4.97	39.49 2.65 -5.34	34.19 2.40 -1.46	30.56 1.67 -3.55	26.72 1.70 -2.09	22.66 1.53 -0.47
CALPINE_BP_GT1 23823	22.12 1.03 0.00	20.57 0.92 0.00	20.14 0.89 0.00	20.47 0.77 0.00	21.69 0.65 0.00	23.23 0.79 0.00	29.23 1.34 0.00	32.06 1.79 0.00	31.88 1.78 0.00	31.19 1.57 0.00	30.03 1.61 -0.60	27.86 1.55 0.00	27.03 1.60 0.00	26.99 1.58 0.00	28.74 1.64 -1.51	30.18 1.75 -1.92	32.21 2.06 -0.24	41.47 2.85 -3.86	45.47 3.24 -4.97	39.49 2.65 -5.34	34.19 2.40 -1.46	30.56 1.67 -3.55	26.72 1.70 -2.09	22.66 1.53 -0.47
CALSPAN___DRP 24200	19.94 -1.14 0.00	18.65 -1.00 0.00	18.10 -1.16 0.00	18.54 -1.16 0.00	19.86 -1.18 0.00	21.57 -0.88 0.00	25.80 -2.09 0.00	27.37 -2.91 0.00	27.03 -3.07 0.00	26.57 -3.05 0.00	24.98 -2.84 0.00	23.65 -2.66 0.00	23.01 -2.42 0.00	23.05 -2.36 0.00	23.03 -2.56 0.00	23.81 -2.70 0.00	26.98 -2.93 0.00	31.46 -3.30 0.00	33.31 -3.95 0.00	28.42 -3.09 0.00	26.79 -3.55 0.00	22.48 -2.86 0.00	20.55 -2.39 0.00	19.41 -1.26 0.00



CALVERTON___SOLAR 323806	22.18 1.10 0.00	20.63 0.98 0.00	20.26 1.00 0.00	20.57 0.87 0.00	21.75 0.72 0.00	23.32 0.87 0.00	29.15 1.26 0.00	31.82 1.54 0.00	31.60 1.50 0.00	30.96 1.33 0.00	29.51 1.53 -0.16	27.73 1.42 0.00	26.92 1.50 0.00	26.86 1.45 0.00	28.63 1.54 -1.50	30.03 1.64 -1.87	32.16 2.03 -0.22	41.64 3.02 -3.86	45.62 3.39 -4.97	39.56 2.71 -5.34	34.25 2.46 -1.46	30.54 1.72 -3.48	26.56 1.63 -2.00	22.59 1.47 -0.46
CANDIGU_WT_PWR 323617	21.15 0.06 0.00	19.73 0.08 0.00	19.22 -0.04 0.00	19.65 -0.06 0.00	20.93 -0.10 0.00	22.56 0.11 0.00	27.87 -0.03 0.00	30.16 -0.12 0.00	29.89 -0.21 0.00	29.24 -0.39 0.00	27.43 -0.39 0.00	25.97 -0.34 0.00	25.01 -0.41 0.00	24.93 -0.48 0.00	25.13 -0.46 0.00	25.93 -0.58 0.00	29.34 -0.57 0.00	34.38 -0.38 0.00	36.78 -0.49 0.00	31.38 -0.13 0.00	29.70 -0.64 0.00	24.81 -0.53 0.00	22.43 -0.50 0.00	20.61 -0.06 0.00
CARR STREET_E_SYR 24060	20.89 -0.19 0.00	19.51 -0.14 0.00	19.07 -0.19 0.00	19.49 -0.22 0.00	20.78 -0.25 0.00	22.15 -0.29 0.00	27.45 -0.45 0.00	29.85 -0.42 0.00	29.59 -0.51 0.00	29.03 -0.59 0.00	27.26 -0.56 0.00	25.81 -0.50 0.00	24.91 -0.51 0.00	24.88 -0.53 0.00	25.08 -0.51 0.00	25.95 -0.56 0.00	29.28 -0.63 0.00	34.10 -0.66 0.00	36.52 -0.74 0.00	31.00 -0.51 0.00	29.67 -0.67 0.00	24.86 -0.48 0.00	22.50 -0.44 0.00	20.61 -0.06 0.00
CARTHAGE___PAPER 23857	20.74 -0.34 0.00	19.34 -0.32 0.00	18.91 -0.35 0.00	19.39 -0.32 0.00	20.83 -0.21 0.00	22.24 -0.20 0.00	27.76 -0.14 0.00	30.40 0.12 0.00	29.95 -0.15 0.00	29.24 -0.39 0.00	27.37 -0.45 0.00	25.84 -0.47 0.00	24.89 -0.54 0.00	24.88 -0.53 0.00	25.05 -0.54 0.00	25.98 -0.53 0.00	29.43 -0.48 0.00	34.34 -0.42 0.00	36.89 -0.37 0.00	31.25 -0.25 0.00	30.12 -0.21 0.00	25.21 -0.13 0.00	22.70 -0.23 0.00	20.40 -0.27 0.00
CASSADAGA_WT_PWR 323784	20.16 -0.93 0.00	18.77 -0.88 0.00	18.20 -1.06 0.00	18.70 -1.00 0.00	19.94 -1.09 0.00	21.72 -0.72 0.00	26.25 -1.65 0.00	27.85 -2.42 0.00	27.57 -2.53 0.00	27.22 -2.40 0.00	25.54 -2.28 0.00	24.60 -1.71 0.00	23.47 -1.96 0.00	23.53 -1.88 0.00	23.62 -1.97 0.00	24.18 -2.33 0.00	27.37 -2.54 0.00	32.05 -2.71 0.00	33.57 -3.69 0.00	28.86 -2.65 0.00	26.63 -3.70 0.00	22.58 -2.76 0.00	20.41 -2.52 0.00	19.28 -1.38 0.00
CE_DUNWOOD___DRP 24194	21.65 0.57 0.00	20.20 0.55 0.00	19.78 0.52 0.00	20.10 0.39 0.00	21.27 0.23 0.00	22.76 0.31 0.00	28.62 0.73 0.00	31.61 1.33 0.00	31.48 1.38 0.00	30.69 1.07 0.00	28.85 1.03 0.00	27.36 1.05 0.00	26.44 1.02 0.00	26.43 1.02 0.00	26.64 1.05 0.00	27.60 1.09 0.00	31.29 1.38 0.00	36.81 2.05 0.00	39.61 2.35 0.00	33.49 1.98 0.00	32.03 1.70 0.00	26.56 1.22 0.00	24.08 1.15 0.00	21.66 0.99 0.00
CE_MILLWOOD___DRP 24193	21.63 0.55 0.00	20.18 0.53 0.00	19.76 0.50 0.00	20.08 0.37 0.00	21.25 0.21 0.00	22.73 0.29 0.00	28.59 0.70 0.00	31.58 1.30 0.00	31.45 1.35 0.00	30.66 1.04 0.00	28.82 1.00 0.00	27.34 1.03 0.00	26.39 0.97 0.00	26.38 0.97 0.00	26.59 1.00 0.00	27.54 1.03 0.00	31.26 1.35 0.00	36.78 2.02 0.00	39.57 2.31 0.00	33.46 1.95 0.00	32.00 1.67 0.00	26.51 1.17 0.00	24.06 1.12 0.00	21.62 0.95 0.00
CE_NYC2_DRP 24202	21.76 0.67 0.00	20.26 0.61 0.00	19.87 0.62 0.00	20.16 0.45 0.00	21.29 0.25 0.00	22.71 0.27 0.00	28.59 0.70 0.00	31.64 1.36 0.00	31.54 1.44 0.00	30.72 1.10 0.00	28.87 1.06 0.00	27.41 1.10 0.00	26.47 1.04 0.00	26.45 1.04 0.00	26.67 1.07 0.00	27.65 1.14 0.00	31.35 1.44 0.00	36.84 2.09 0.00	39.65 2.38 0.00	33.59 2.08 0.00	32.06 1.73 0.00	26.56 1.22 0.00	24.19 1.26 0.00	21.74 1.07 0.00
CE_NYC_DRP 24195	21.65 0.57 0.00	20.18 0.53 0.00	19.78 0.52 0.00	20.08 0.37 0.00	21.20 0.17 0.00	22.71 0.27 0.00	28.59 0.70 0.00	31.67 1.39 0.00	31.58 1.47 0.00	30.75 1.13 0.00	28.90 1.08 0.00	27.44 1.13 0.00	26.49 1.07 0.00	26.48 1.07 0.00	26.69 1.10 0.00	27.68 1.17 0.00	31.38 1.47 0.00	36.88 2.12 0.00	39.65 2.38 0.00	33.59 2.08 0.00	32.09 1.76 0.00	26.58 1.24 0.00	24.13 1.19 0.00	21.66 0.99 0.00
CHAFFEE___LFGE 323603	20.01 -1.07 0.00	18.69 -0.96 0.00	18.12 -1.14 0.00	18.58 -1.12 0.00	19.88 -1.16 0.00	21.61 -0.83 0.00	25.89 -2.01 0.00	27.43 -2.85 0.00	27.09 -3.01 0.00	26.72 -2.90 0.00	25.09 -2.72 0.00	24.20 -2.11 0.00	23.08 -2.34 0.00	23.12 -2.29 0.00	23.29 -2.30 0.00	23.89 -2.63 0.00	27.07 -2.84 0.00	31.77 -2.99 0.00	33.43 -3.84 0.00	29.05 -2.46 0.00	26.91 -3.43 0.00	22.91 -2.43 0.00	20.75 -2.18 0.00	19.47 -1.20 0.00
CHATEAUG_35_KV_LOAD 355732	21.57 0.48 0.00	20.02 0.37 0.00	19.64 0.39 0.00	20.24 0.53 0.00	21.75 0.72 0.00	23.23 0.79 0.00	28.54 0.64 0.00	30.64 0.36 0.00	30.55 0.45 0.00	30.30 0.68 0.00	28.54 0.72 0.00	26.94 0.63 0.00	25.93 0.51 0.00	25.92 0.51 0.00	26.03 0.44 0.00	26.93 0.42 0.00	30.18 0.27 0.00	34.20 -0.56 0.00	36.37 -0.89 0.00	30.75 -0.76 0.00	29.67 -0.67 0.00	25.16 -0.18 0.00	22.61 -0.32 0.00	20.07 -0.60 0.00
CHATEAUG_WT_PWR 323614	21.55 0.46 0.00	20.02 0.37 0.00	19.64 0.39 0.00	20.22 0.51 0.00	21.73 0.69 0.00	23.23 0.79 0.00	28.48 0.59 0.00	30.58 0.30 0.00	30.49 0.39 0.00	30.25 0.62 0.00	28.48 0.67 0.00	26.91 0.61 0.00	25.93 0.51 0.00	25.92 0.51 0.00	26.00 0.41 0.00	26.88 0.37 0.00	30.15 0.24 0.00	34.10 -0.66 0.00	36.22 -1.04 0.00	30.63 -0.88 0.00	29.55 -0.79 0.00	25.09 -0.25 0.00	22.57 -0.37 0.00	20.07 -0.60 0.00
CHAT_HIGH_FALL_HYD 323578	21.57 0.48 0.00	20.02 0.37 0.00	19.64 0.39 0.00	20.24 0.53 0.00	21.75 0.72 0.00	23.23 0.79 0.00	28.54 0.64 0.00	30.64 0.36 0.00	30.55 0.45 0.00	30.30 0.68 0.00	28.54 0.72 0.00	26.94 0.63 0.00	25.93 0.51 0.00	25.92 0.51 0.00	26.03 0.44 0.00	26.93 0.42 0.00	30.18 0.27 0.00	34.20 -0.56 0.00	36.37 -0.89 0.00	30.75 -0.76 0.00	29.67 -0.67 0.00	25.16 -0.18 0.00	22.61 -0.32 0.00	20.07 -0.60 0.00
CHAUTAUQUA___LFGE 323629	20.11 -0.97 0.00	18.77 -0.88 0.00	18.20 -1.06 0.00	18.66 -1.05 0.00	19.96 -1.07 0.00	21.70 -0.74 0.00	26.11 -1.79 0.00	27.67 -2.60 0.00	27.36 -2.74 0.00	26.99 -2.64 0.00	25.34 -2.48 0.00	24.44 -1.87 0.00	23.31 -2.11 0.00	23.35 -2.06 0.00	23.49 -2.10 0.00	24.07 -2.44 0.00	27.25 -2.66 0.00	31.95 -2.81 0.00	33.54 -3.73 0.00	29.02 -2.49 0.00	26.85 -3.49 0.00	22.83 -2.51 0.00	20.69 -2.25 0.00	19.45 -1.22 0.00
CHERRYST_13_KV_LD 356241	21.69 0.61 0.00	20.22 0.57 0.00	19.82 0.56 0.00	20.12 0.41 0.00	21.27 0.23 0.00	22.76 0.31 0.00	28.68 0.78 0.00	31.76 1.48 0.00	31.67 1.57 0.00	30.84 1.21 0.00	28.99 1.17 0.00	27.52 1.21 0.00	26.57 1.14 0.00	26.56 1.14 0.00	26.77 1.18 0.00	27.73 1.22 0.00	31.46 1.56 0.00	36.98 2.22 0.00	39.76 2.50 0.00	33.68 2.17 0.00	32.16 1.82 0.00	26.63 1.29 0.00	24.19 1.26 0.00	21.70 1.03 0.00



CHESTROR_138KV_BK263 355645	21.50 0.42 0.00	20.06 0.41 0.00	19.64 0.39 0.00	19.98 0.28 0.00	21.18 0.15 0.00	22.64 0.20 0.00	28.40 0.50 0.00	31.46 1.18 0.00	31.27 1.17 0.00	30.51 0.89 0.00	28.62 0.81 0.00	27.15 0.84 0.00	26.21 0.79 0.00	26.20 0.79 0.00	26.44 0.84 0.00	27.39 0.87 0.00	31.11 1.20 0.00	36.64 1.88 0.00	39.39 2.12 0.00	33.30 1.80 0.00	31.85 1.52 0.00	26.38 1.04 0.00	23.92 0.99 0.00	21.54 0.87 0.00
CH_MIDHUDSON___DRP 24192	21.65 0.57 0.00	20.22 0.57 0.00	19.80 0.54 0.00	20.12 0.41 0.00	21.33 0.29 0.00	22.80 0.36 0.00	28.57 0.67 0.00	31.52 1.24 0.00	31.33 1.23 0.00	30.57 0.95 0.00	28.68 0.86 0.00	27.18 0.87 0.00	26.26 0.84 0.00	26.25 0.84 0.00	26.46 0.87 0.00	27.41 0.90 0.00	31.14 1.23 0.00	36.67 1.91 0.00	39.42 2.16 0.00	33.30 1.80 0.00	31.88 1.55 0.00	26.38 1.04 0.00	23.94 1.01 0.00	21.54 0.87 0.00
CH_MISC_IPPS 23765	21.71 0.63 0.00	20.26 0.61 0.00	19.86 0.60 0.00	20.18 0.47 0.00	21.37 0.34 0.00	22.87 0.43 0.00	28.65 0.75 0.00	31.64 1.36 0.00	31.46 1.36 0.00	30.63 1.01 0.00	28.73 0.92 0.00	27.18 0.87 0.00	26.31 0.89 0.00	26.30 0.89 0.00	26.51 0.92 0.00	27.49 0.98 0.00	31.26 1.35 0.00	36.81 2.05 0.00	39.61 2.35 0.00	33.37 1.86 0.00	32.00 1.67 0.00	26.40 1.06 0.00	23.97 1.03 0.00	21.60 0.93 0.00
CH_RES_BVR_FALLS 23983	20.87 -0.21 0.00	19.39 -0.26 0.00	19.01 -0.25 0.00	19.49 -0.22 0.00	20.87 -0.17 0.00	22.24 -0.20 0.00	27.59 -0.31 0.00	29.79 -0.49 0.00	29.68 -0.42 0.00	29.42 -0.21 0.00	27.65 -0.17 0.00	26.15 -0.16 0.00	25.25 -0.18 0.00	25.23 -0.18 0.00	25.39 -0.21 0.00	26.30 -0.21 0.00	29.52 -0.39 0.00	33.96 -0.80 0.00	36.22 -1.04 0.00	30.53 -0.98 0.00	29.55 -0.79 0.00	24.76 -0.58 0.00	22.36 -0.57 0.00	19.97 -0.70 0.00
CH_RES_NIAGARA 23895	19.25 -1.83 0.00	17.98 -1.67 0.00	17.47 -1.79 0.00	17.89 -1.81 0.00	19.14 -1.89 0.00	20.81 -1.64 0.00	24.74 -3.15 0.00	26.22 -4.06 0.00	25.86 -4.24 0.00	25.47 -4.15 0.00	23.95 -3.87 0.00	23.12 -3.18 0.00	22.04 -3.38 0.00	22.08 -3.33 0.00	22.27 -3.33 0.00	22.77 -3.74 0.00	25.84 -4.07 0.00	30.28 -4.48 0.00	31.86 -5.40 0.00	27.79 -3.72 0.00	25.73 -4.61 0.00	21.95 -3.39 0.00	19.93 -3.00 0.00	18.70 -1.96 0.00
CH_RES_SYRACUSE 23985	21.04 -0.04 0.00	19.65 0.00 0.00	19.20 -0.06 0.00	19.63 -0.08 0.00	20.91 -0.13 0.00	22.31 -0.13 0.00	27.64 -0.25 0.00	30.07 -0.21 0.00	29.80 -0.30 0.00	29.27 -0.35 0.00	27.48 -0.33 0.00	25.99 -0.31 0.00	25.09 -0.33 0.00	25.03 -0.33 0.00	25.26 -0.33 0.00	26.14 -0.37 0.00	29.55 -0.36 0.00	34.52 -0.24 0.00	36.96 -0.30 0.00	31.41 -0.09 0.00	29.94 -0.40 0.00	25.01 -0.33 0.00	22.66 -0.27 0.00	20.73 0.06 0.00
CLINTON_WT_PWR 323605	21.55 0.46 0.00	20.02 0.37 0.00	19.64 0.39 0.00	20.22 0.51 0.00	21.73 0.69 0.00	23.23 0.79 0.00	28.48 0.59 0.00	30.58 0.30 0.00	30.49 0.39 0.00	30.25 0.62 0.00	28.48 0.67 0.00	26.91 0.61 0.00	25.93 0.51 0.00	25.92 0.51 0.00	26.00 0.41 0.00	26.88 0.37 0.00	30.15 0.24 0.00	34.10 -0.66 0.00	36.22 -1.04 0.00	30.63 -0.88 0.00	29.55 -0.79 0.00	25.09 -0.25 0.00	22.57 -0.37 0.00	20.07 -0.60 0.00
CLINTON___LFGE 323618	21.80 0.72 0.00	20.26 0.61 0.00	19.86 0.60 0.00	20.46 0.75 0.00	21.98 0.95 0.00	23.50 1.06 0.00	28.79 0.89 0.00	30.88 0.61 0.00	30.79 0.69 0.00	30.54 0.92 0.00	28.79 0.97 0.00	27.15 0.84 0.00	26.16 0.74 0.00	26.15 0.74 0.00	26.23 0.64 0.00	27.15 0.64 0.00	30.48 0.57 0.00	34.38 -0.38 0.00	36.52 -0.74 0.00	30.97 -0.54 0.00	29.82 -0.52 0.00	25.39 0.05 0.00	22.80 -0.14 0.00	20.28 -0.39 0.00
COBBLENY_34_KV_TB1 80064	19.97 -1.12 0.00	18.69 -0.96 0.00	18.12 -1.14 0.00	18.58 -1.12 0.00	19.88 -1.16 0.00	21.61 -0.83 0.00	25.89 -2.01 0.00	27.43 -2.85 0.00	27.09 -3.01 0.00	26.66 -2.96 0.00	25.04 -2.78 0.00	23.73 -2.58 0.00	23.08 -2.34 0.00	23.12 -2.29 0.00	23.11 -2.48 0.00	23.89 -2.62 0.00	27.07 -2.84 0.00	31.60 -3.16 0.00	33.46 -3.80 0.00	28.55 -2.96 0.00	26.91 -3.43 0.00	22.58 -2.76 0.00	20.62 -2.32 0.00	19.47 -1.20 0.00
COFFEEN___115KV_TB3 355620	20.98 -0.11 0.00	19.57 -0.08 0.00	19.10 -0.15 0.00	19.57 -0.14 0.00	21.04 0.00 0.00	22.44 0.00 0.00	28.01 0.11 0.00	30.67 0.39 0.00	30.13 0.03 0.00	29.30 -0.33 0.00	27.40 -0.42 0.00	25.81 -0.50 0.00	24.86 -0.56 0.00	24.83 -0.58 0.00	25.00 -0.59 0.00	25.95 -0.56 0.00	29.49 -0.42 0.00	34.62 -0.14 0.00	37.26 0.00 0.00	31.63 0.13 0.00	30.40 0.06 0.00	25.34 0.00 0.00	22.82 -0.11 0.00	20.63 -0.04 0.00
COLDSPRG_115KV_BK1 355956	20.47 -0.61 0.00	19.14 -0.51 0.00	18.57 -0.69 0.00	19.06 -0.65 0.00	20.34 -0.69 0.00	22.15 -0.29 0.00	26.78 -1.12 0.00	28.40 -1.88 0.00	28.11 -1.99 0.00	27.64 -1.98 0.00	25.93 -1.89 0.00	24.57 -1.74 0.00	23.82 -1.60 0.00	23.84 -1.58 0.00	23.80 -1.79 0.00	24.58 -1.94 0.00	27.82 -2.09 0.00	32.53 -2.22 0.00	34.36 -2.91 0.00	29.27 -2.24 0.00	27.48 -2.85 0.00	23.08 -2.26 0.00	21.01 -1.93 0.00	19.88 -0.79 0.00
COLONIE_LFGE___ 323577	21.53 0.44 0.00	20.14 0.49 0.00	19.72 0.46 0.00	20.08 0.37 0.00	21.33 0.29 0.00	22.78 0.34 0.00	28.42 0.53 0.00	31.15 0.88 0.00	30.91 0.81 0.00	30.21 0.59 0.00	28.32 0.50 0.00	26.78 0.47 0.00	25.93 0.51 0.00	25.92 0.51 0.00	26.08 0.49 0.00	27.07 0.56 0.00	30.66 0.75 0.00	36.05 1.29 0.00	38.75 1.49 0.00	32.67 1.17 0.00	31.37 1.03 0.00	26.00 0.66 0.00	23.60 0.67 0.00	21.31 0.64 0.00
COOPERNY_115KV_TB1 80082	21.40 0.32 0.00	19.97 0.31 0.00	19.55 0.29 0.00	19.90 0.20 0.00	21.12 0.08 0.00	22.58 0.13 0.00	28.26 0.36 0.00	30.97 0.70 0.00	30.76 0.66 0.00	30.13 0.50 0.00	28.29 0.47 0.00	26.76 0.45 0.00	25.83 0.41 0.00	25.82 0.41 0.00	26.03 0.44 0.00	26.96 0.45 0.00	30.54 0.63 0.00	35.80 1.04 0.00	38.45 1.19 0.00	32.52 1.01 0.00	31.15 0.82 0.00	25.90 0.56 0.00	23.48 0.55 0.00	21.19 0.52 0.00
COPENHAGEN_WT_PWR 323753	20.83 -0.25 0.00	19.45 -0.20 0.00	19.01 -0.25 0.00	19.45 -0.26 0.00	20.87 -0.17 0.00	22.26 -0.18 0.00	27.76 -0.14 0.00	30.40 0.12 0.00	29.92 -0.18 0.00	29.15 -0.48 0.00	27.29 -0.53 0.00	25.76 -0.55 0.00	24.79 -0.63 0.00	24.78 -0.63 0.00	24.95 -0.64 0.00	25.87 -0.64 0.00	29.37 -0.54 0.00	34.38 -0.38 0.00	36.93 -0.34 0.00	31.38 -0.13 0.00	30.12 -0.21 0.00	25.16 -0.18 0.00	22.66 -0.27 0.00	20.50 -0.17 0.00
CORNELL_____ 23752	21.48 0.40 0.00	20.08 0.43 0.00	19.60 0.35 0.00	20.04 0.34 0.00	21.35 0.32 0.00	22.87 0.43 0.00	28.40 0.50 0.00	30.97 0.70 0.00	30.49 0.39 0.00	29.80 0.18 0.00	27.87 0.06 0.00	26.26 -0.05 0.00	25.40 -0.03 0.00	25.36 -0.05 0.00	25.57 -0.03 0.00	26.51 0.00 0.00	30.06 0.15 0.00	35.25 0.49 0.00	37.86 0.60 0.00	32.14 0.63 0.00	30.64 0.30 0.00	25.52 0.18 0.00	23.09 0.16 0.00	21.12 0.45 0.00



CORONA__69_KV_TB1 355595	22.07 0.99 0.00	20.55 0.90 0.00	20.11 0.85 0.00	20.44 0.73 0.00	21.65 0.61 0.00	23.18 0.74 0.00	29.15 1.26 0.00	32.06 1.79 0.00	31.88 1.78 0.00	31.19 1.57 0.00	31.43 1.56 -2.06	27.94 1.63 0.00	26.97 1.55 0.00	26.94 1.52 0.00	28.73 1.59 -1.55	30.23 1.62 -2.11	32.25 2.00 -0.34	41.43 2.82 -3.86	45.40 3.17 -4.97	39.56 2.71 -5.34	34.19 2.40 -1.46	30.92 1.75 -3.83	27.03 1.63 -2.47	22.62 1.45 -0.50
CORTLAND__115KV_TB3 80093	21.27 0.19 0.00	19.89 0.24 0.00	19.43 0.17 0.00	19.86 0.16 0.00	21.16 0.13 0.00	22.62 0.18 0.00	28.09 0.20 0.00	30.61 0.33 0.00	30.25 0.15 0.00	29.59 -0.03 0.00	27.76 -0.06 0.00	26.18 -0.13 0.00	25.32 -0.10 0.00	25.28 -0.13 0.00	25.49 -0.10 0.00	26.40 -0.11 0.00	29.91 0.00 0.00	35.00 0.24 0.00	37.56 0.30 0.00	31.82 0.32 0.00	30.40 0.06 0.00	25.34 0.00 0.00	22.93 0.00 0.00	20.96 0.29 0.00
COXSACKIE__GT 23611	22.22 1.14 0.00	20.81 1.16 0.00	20.37 1.12 0.00	20.77 1.06 0.00	22.11 1.07 0.00	23.63 1.19 0.00	29.29 1.39 0.00	32.06 1.79 0.00	31.69 1.59 0.00	30.78 1.15 0.00	28.71 0.89 0.00	27.04 0.74 0.00	26.24 0.81 0.00	26.22 0.81 0.00	26.44 0.84 0.00	27.44 0.93 0.00	31.26 1.35 0.00	36.99 2.23 0.00	39.80 2.54 0.00	33.53 2.02 0.00	32.09 1.76 0.00	26.48 1.14 0.00	24.01 1.08 0.00	21.70 1.03 0.00
CPV__VALLEY__CC1 323721	21.38 0.30 0.00	19.95 0.30 0.00	19.53 0.27 0.00	19.86 0.16 0.00	21.08 0.04 0.00	22.53 0.09 0.00	28.26 0.36 0.00	31.15 0.88 0.00	31.00 0.90 0.00	30.27 0.65 0.00	28.43 0.61 0.00	26.89 0.58 0.00	26.03 0.61 0.00	26.00 0.58 0.00	26.18 0.59 0.00	27.17 0.66 0.00	30.81 0.90 0.00	36.15 1.39 0.00	38.90 1.64 0.00	32.83 1.32 0.00	31.49 1.15 0.00	26.08 0.74 0.00	23.69 0.76 0.00	21.35 0.68 0.00
CPV__VALLEY__CC2 323722	21.38 0.30 0.00	19.95 0.30 0.00	19.53 0.27 0.00	19.86 0.16 0.00	21.08 0.04 0.00	22.53 0.09 0.00	28.26 0.36 0.00	31.15 0.88 0.00	31.00 0.90 0.00	30.27 0.65 0.00	28.43 0.61 0.00	26.89 0.58 0.00	26.03 0.61 0.00	26.00 0.58 0.00	26.18 0.59 0.00	27.17 0.66 0.00	30.81 0.90 0.00	36.15 1.39 0.00	38.90 1.64 0.00	32.83 1.32 0.00	31.49 1.15 0.00	26.08 0.74 0.00	23.69 0.76 0.00	21.35 0.68 0.00
CRESCENT__HYD 24018	21.53 0.44 0.00	20.14 0.49 0.00	19.72 0.46 0.00	20.08 0.37 0.00	21.33 0.29 0.00	22.78 0.34 0.00	28.42 0.53 0.00	31.15 0.88 0.00	30.91 0.81 0.00	30.21 0.59 0.00	28.32 0.50 0.00	26.78 0.47 0.00	25.93 0.51 0.00	25.92 0.51 0.00	26.08 0.49 0.00	27.07 0.56 0.00	30.66 0.75 0.00	36.05 1.29 0.00	38.75 1.49 0.00	32.67 1.17 0.00	31.37 1.03 0.00	26.00 0.66 0.00	23.60 0.67 0.00	21.31 0.64 0.00
CRICKET__VALLEY_CC1 323756	21.55 0.46 0.00	20.14 0.49 0.00	19.72 0.46 0.00	20.04 0.33 0.00	21.22 0.19 0.00	22.69 0.25 0.00	28.45 0.56 0.00	31.36 1.09 0.00	31.15 1.05 0.00	30.36 0.74 0.00	28.51 0.70 0.00	26.97 0.66 0.00	26.13 0.71 0.00	26.12 0.71 0.00	26.28 0.69 0.00	27.25 0.74 0.00	30.90 0.99 0.00	36.36 1.60 0.00	39.16 1.90 0.00	33.02 1.51 0.00	31.70 1.37 0.00	26.20 0.86 0.00	23.80 0.87 0.00	21.47 0.81 0.00
CRICKET__VALLEY_CC2 323757	21.55 0.46 0.00	20.14 0.49 0.00	19.72 0.46 0.00	20.04 0.33 0.00	21.22 0.19 0.00	22.69 0.25 0.00	28.45 0.56 0.00	31.36 1.09 0.00	31.15 1.05 0.00	30.36 0.74 0.00	28.51 0.70 0.00	26.97 0.66 0.00	26.13 0.71 0.00	26.12 0.71 0.00	26.28 0.69 0.00	27.25 0.74 0.00	30.90 0.99 0.00	36.36 1.60 0.00	39.16 1.90 0.00	33.02 1.51 0.00	31.70 1.37 0.00	26.20 0.86 0.00	23.80 0.87 0.00	21.47 0.81 0.00
CRICKET__VALLEY_CC3 323758	21.55 0.46 0.00	20.14 0.49 0.00	19.72 0.46 0.00	20.04 0.33 0.00	21.22 0.19 0.00	22.69 0.25 0.00	28.45 0.56 0.00	31.36 1.09 0.00	31.15 1.05 0.00	30.36 0.74 0.00	28.51 0.70 0.00	26.97 0.66 0.00	26.13 0.71 0.00	26.12 0.71 0.00	26.28 0.69 0.00	27.25 0.74 0.00	30.90 0.99 0.00	36.36 1.60 0.00	39.16 1.90 0.00	33.02 1.51 0.00	31.70 1.37 0.00	26.20 0.86 0.00	23.80 0.87 0.00	21.47 0.81 0.00
CRUCIBLE__METL_DRP 24180	21.02 -0.06 0.00	19.65 0.00 0.00	19.20 -0.06 0.00	19.63 -0.08 0.00	20.91 -0.13 0.00	22.31 -0.13 0.00	27.64 -0.25 0.00	30.06 -0.21 0.00	29.80 -0.30 0.00	29.24 -0.39 0.00	27.46 -0.36 0.00	25.91 -0.39 0.00	25.09 -0.33 0.00	25.03 -0.38 0.00	25.23 -0.36 0.00	26.14 -0.37 0.00	29.55 -0.36 0.00	34.48 -0.28 0.00	36.96 -0.30 0.00	31.32 -0.19 0.00	29.94 -0.39 0.00	24.96 -0.38 0.00	22.64 -0.30 0.00	20.73 0.06 0.00
DAHOWA__HYDRO 323763	21.67 0.59 0.00	20.28 0.63 0.00	19.84 0.58 0.00	20.24 0.53 0.00	21.52 0.48 0.00	23.00 0.56 0.00	28.73 0.84 0.00	31.40 1.12 0.00	31.18 1.08 0.00	30.45 0.83 0.00	28.54 0.72 0.00	26.97 0.66 0.00	26.13 0.71 0.00	26.12 0.71 0.00	26.26 0.66 0.00	27.31 0.79 0.00	30.93 1.02 0.00	36.43 1.67 0.00	39.12 1.86 0.00	32.96 1.45 0.00	31.64 1.30 0.00	26.23 0.89 0.00	23.74 0.80 0.00	21.41 0.74 0.00
DANC__LFGE 323619	20.79 -0.30 0.00	19.42 -0.23 0.00	18.97 -0.29 0.00	19.41 -0.30 0.00	20.78 -0.25 0.00	22.15 -0.29 0.00	27.56 -0.33 0.00	30.10 -0.18 0.00	29.71 -0.39 0.00	29.00 -0.62 0.00	27.18 -0.64 0.00	25.68 -0.63 0.00	24.74 -0.69 0.00	24.70 -0.71 0.00	24.90 -0.69 0.00	25.80 -0.71 0.00	29.22 -0.69 0.00	34.20 -0.56 0.00	36.70 -0.56 0.00	31.19 -0.32 0.00	29.88 -0.45 0.00	24.96 -0.38 0.00	22.54 -0.39 0.00	20.48 -0.19 0.00
DANSKAMMER__1 23586	21.71 0.63 0.00	20.26 0.61 0.00	19.86 0.60 0.00	20.18 0.47 0.00	21.37 0.34 0.00	22.87 0.43 0.00	28.65 0.75 0.00	31.64 1.36 0.00	31.46 1.36 0.00	30.63 1.01 0.00	28.73 0.92 0.00	27.18 0.87 0.00	26.31 0.89 0.00	26.30 0.89 0.00	26.51 0.92 0.00	27.49 0.98 0.00	31.26 1.35 0.00	36.81 2.05 0.00	39.61 2.35 0.00	33.37 1.86 0.00	32.00 1.67 0.00	26.40 1.06 0.00	23.97 1.03 0.00	21.60 0.93 0.00
DANSKAMMER__2 23589	21.71 0.63 0.00	20.26 0.61 0.00	19.86 0.60 0.00	20.18 0.47 0.00	21.37 0.34 0.00	22.87 0.43 0.00	28.65 0.75 0.00	31.64 1.36 0.00	31.46 1.36 0.00	30.63 1.01 0.00	28.73 0.92 0.00	27.18 0.87 0.00	26.31 0.89 0.00	26.30 0.89 0.00	26.51 0.92 0.00	27.49 0.98 0.00	31.26 1.35 0.00	36.81 2.05 0.00	39.61 2.35 0.00	33.37 1.86 0.00	32.00 1.67 0.00	26.40 1.06 0.00	23.97 1.03 0.00	21.60 0.93 0.00
DANSKAMMER__3 23590	21.71 0.63 0.00	20.26 0.61 0.00	19.86 0.60 0.00	20.18 0.47 0.00	21.37 0.34 0.00	22.87 0.43 0.00	28.65 0.75 0.00	31.64 1.36 0.00	31.46 1.36 0.00	30.63 1.01 0.00	28.73 0.92 0.00	27.18 0.87 0.00	26.31 0.89 0.00	26.30 0.89 0.00	26.51 0.92 0.00	27.49 0.98 0.00	31.26 1.35 0.00	36.81 2.05 0.00	39.61 2.35 0.00	33.37 1.86 0.00	32.00 1.67 0.00	26.40 1.06 0.00	23.97 1.03 0.00	21.60 0.93 0.00



DANSKAMMER___4 23591	21.71 0.63 0.00	20.26 0.61 0.00	19.86 0.60 0.00	20.18 0.47 0.00	21.37 0.34 0.00	22.87 0.43 0.00	28.65 0.75 0.00	31.64 1.36 0.00	31.46 1.36 0.00	30.63 1.01 0.00	28.73 0.92 0.00	27.18 0.87 0.00	26.31 0.89 0.00	26.30 0.89 0.00	26.51 0.92 0.00	27.49 0.98 0.00	31.26 1.35 0.00	36.81 2.05 0.00	39.61 2.35 0.00	33.37 1.86 0.00	32.00 1.67 0.00	26.40 1.06 0.00	23.97 1.03 0.00	21.60 0.93 0.00
DANSKAMMER___DIESEL 23592	21.71 0.63 0.00	20.26 0.61 0.00	19.86 0.60 0.00	20.18 0.47 0.00	21.37 0.34 0.00	22.87 0.43 0.00	28.65 0.75 0.00	31.64 1.36 0.00	31.45 1.35 0.00	30.66 1.04 0.00	28.76 0.95 0.00	27.26 0.95 0.00	26.31 0.89 0.00	26.30 0.89 0.00	26.54 0.95 0.00	27.49 0.98 0.00	31.26 1.35 0.00	36.84 2.09 0.00	39.61 2.35 0.00	33.46 1.95 0.00	32.00 1.67 0.00	26.45 1.11 0.00	24.01 1.08 0.00	21.60 0.93 0.00
DARBY___SOLAR 323810	21.65 0.57 0.00	20.26 0.61 0.00	19.84 0.58 0.00	20.22 0.51 0.00	21.50 0.46 0.00	22.98 0.54 0.00	28.68 0.78 0.00	31.36 1.09 0.00	31.18 1.08 0.00	30.45 0.83 0.00	28.54 0.72 0.00	26.94 0.63 0.00	26.11 0.69 0.00	26.10 0.69 0.00	26.26 0.66 0.00	27.28 0.77 0.00	30.90 0.99 0.00	36.36 1.60 0.00	39.05 1.79 0.00	32.93 1.42 0.00	31.61 1.27 0.00	26.17 0.83 0.00	23.71 0.78 0.00	21.41 0.74 0.00
DASHVILLE___HYD 23610	21.46 0.38 0.00	20.02 0.37 0.00	19.62 0.37 0.00	19.94 0.24 0.00	21.12 0.08 0.00	22.55 0.11 0.00	28.23 0.33 0.00	31.18 0.91 0.00	30.97 0.87 0.00	30.19 0.56 0.00	28.32 0.50 0.00	26.86 0.55 0.00	25.93 0.51 0.00	25.92 0.51 0.00	26.16 0.56 0.00	27.07 0.56 0.00	30.75 0.84 0.00	36.22 1.46 0.00	39.01 1.75 0.00	32.96 1.45 0.00	31.55 1.21 0.00	26.13 0.79 0.00	23.74 0.80 0.00	21.37 0.70 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	22.58 1.50 0.00	21.01 1.36 0.00	20.59 1.33 0.00	20.91 1.20 0.00	22.15 1.11 0.00	23.74 1.30 0.00	29.71 1.81 0.00	32.46 2.18 0.00	32.21 2.11 0.00	31.58 1.96 0.00	30.07 2.09 -0.16	28.39 2.08 0.00	27.38 1.96 0.00	27.29 1.88 0.00	29.12 2.02 -1.50	30.48 2.09 -1.87	32.76 2.63 -0.22	42.44 3.82 -3.86	46.40 4.17 -4.97	40.28 3.43 -5.34	34.83 3.03 -1.46	31.05 2.23 -3.48	26.97 2.04 -2.00	22.95 1.82 -0.46
DELAWARE___LFGE 323621	21.61 0.53 0.00	20.16 0.51 0.00	19.72 0.46 0.00	20.12 0.41 0.00	21.41 0.38 0.00	22.91 0.47 0.00	28.62 0.73 0.00	31.18 0.91 0.00	30.94 0.84 0.00	30.30 0.68 0.00	28.40 0.58 0.00	26.81 0.50 0.00	25.91 0.48 0.00	25.89 0.48 0.00	26.08 0.49 0.00	27.04 0.53 0.00	30.63 0.72 0.00	35.91 1.15 0.00	38.49 1.23 0.00	32.55 1.04 0.00	31.15 0.82 0.00	25.92 0.58 0.00	23.46 0.53 0.00	21.25 0.58 0.00
DERFIELD_115KV_TB7 355931	21.15 0.06 0.00	19.73 0.08 0.00	19.34 0.08 0.00	19.75 0.04 0.00	21.04 0.00 0.00	22.44 0.00 0.00	27.95 0.06 0.00	30.46 0.18 0.00	30.25 0.15 0.00	29.71 0.09 0.00	27.87 0.06 0.00	26.39 0.08 0.00	25.50 0.08 0.00	25.49 0.08 0.00	25.67 0.08 0.00	26.59 0.08 0.00	30.06 0.15 0.00	35.07 0.31 0.00	37.60 0.34 0.00	31.79 0.28 0.00	30.52 0.18 0.00	25.44 0.10 0.00	23.05 0.11 0.00	20.81 0.14 0.00
DOGLEVILLE___HYD 23807	21.06 -0.02 0.00	19.65 0.00 0.00	19.26 0.00 0.00	19.73 0.02 0.00	21.04 0.00 0.00	22.44 0.00 0.00	27.95 0.06 0.00	30.40 0.12 0.00	30.19 0.09 0.00	29.62 0.00 0.00	27.87 0.06 0.00	26.39 0.08 0.00	25.52 0.10 0.00	25.54 0.13 0.00	25.69 0.10 0.00	26.62 0.11 0.00	30.03 0.12 0.00	34.97 0.21 0.00	37.37 0.11 0.00	31.57 0.06 0.00	30.37 0.03 0.00	25.37 0.03 0.00	22.98 0.05 0.00	20.75 0.08 0.00
DUNKIRK___115KV_TB_200 55889	20.09 -0.99 0.00	18.77 -0.88 0.00	18.22 -1.04 0.00	18.68 -1.02 0.00	19.96 -1.07 0.00	21.72 -0.72 0.00	26.11 -1.79 0.00	27.67 -2.60 0.00	27.36 -2.74 0.00	26.93 -2.70 0.00	25.29 -2.53 0.00	23.97 -2.34 0.00	23.31 -2.11 0.00	23.33 -2.08 0.00	23.31 -2.28 0.00	24.05 -2.47 0.00	27.25 -2.66 0.00	31.80 -2.95 0.00	33.57 -3.69 0.00	28.61 -2.90 0.00	26.91 -3.43 0.00	22.58 -2.76 0.00	20.59 -2.34 0.00	19.49 -1.18 0.00
DUNKIRK___1 23563	20.09 -0.99 0.00	18.77 -0.88 0.00	18.22 -1.04 0.00	18.68 -1.02 0.00	19.96 -1.07 0.00	21.72 -0.72 0.00	26.11 -1.79 0.00	27.67 -2.60 0.00	27.36 -2.74 0.00	26.93 -2.70 0.00	25.29 -2.53 0.00	23.97 -2.34 0.00	23.31 -2.11 0.00	23.33 -2.08 0.00	23.31 -2.28 0.00	24.05 -2.47 0.00	27.25 -2.66 0.00	31.80 -2.95 0.00	33.57 -3.69 0.00	28.61 -2.90 0.00	26.91 -3.43 0.00	22.58 -2.76 0.00	20.59 -2.34 0.00	19.49 -1.18 0.00
DUNKIRK___2 23564	20.09 -0.99 0.00	18.77 -0.88 0.00	18.22 -1.04 0.00	18.68 -1.02 0.00	19.96 -1.07 0.00	21.72 -0.72 0.00	26.11 -1.79 0.00	27.67 -2.60 0.00	27.36 -2.74 0.00	26.93 -2.70 0.00	25.29 -2.53 0.00	23.97 -2.34 0.00	23.31 -2.11 0.00	23.33 -2.08 0.00	23.31 -2.28 0.00	24.05 -2.47 0.00	27.25 -2.66 0.00	31.80 -2.95 0.00	33.57 -3.69 0.00	28.61 -2.90 0.00	26.91 -3.43 0.00	22.58 -2.76 0.00	20.59 -2.34 0.00	19.49 -1.18 0.00
DUNKIRK___3 23565	20.05 -1.03 0.00	18.75 -0.90 0.00	18.18 -1.08 0.00	18.64 -1.06 0.00	19.94 -1.09 0.00	21.66 -0.79 0.00	26.03 -1.87 0.00	27.58 -2.69 0.00	27.27 -2.83 0.00	26.81 -2.81 0.00	25.20 -2.61 0.00	23.89 -2.42 0.00	23.21 -2.21 0.00	23.23 -2.19 0.00	23.21 -2.38 0.00	23.97 -2.55 0.00	27.16 -2.75 0.00	31.70 -3.06 0.00	33.50 -3.76 0.00	28.58 -2.93 0.00	26.91 -3.43 0.00	22.58 -2.76 0.00	20.62 -2.32 0.00	19.49 -1.18 0.00
DUNKIRK___4 23566	20.05 -1.03 0.00	18.75 -0.90 0.00	18.18 -1.08 0.00	18.64 -1.06 0.00	19.94 -1.09 0.00	21.66 -0.79 0.00	26.03 -1.87 0.00	27.58 -2.69 0.00	27.27 -2.83 0.00	26.81 -2.81 0.00	25.20 -2.61 0.00	23.89 -2.42 0.00	23.21 -2.21 0.00	23.23 -2.19 0.00	23.21 -2.38 0.00	23.97 -2.55 0.00	27.16 -2.75 0.00	31.70 -3.06 0.00	33.50 -3.76 0.00	28.58 -2.93 0.00	26.91 -3.43 0.00	22.58 -2.76 0.00	20.62 -2.32 0.00	19.49 -1.18 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	21.67 0.59 0.00	20.22 0.57 0.00	19.80 0.54 0.00	20.12 0.41 0.00	21.29 0.25 0.00	22.78 0.34 0.00	28.65 0.75 0.00	31.67 1.39 0.00	31.54 1.44 0.00	30.75 1.13 0.00	28.90 1.08 0.00	27.41 1.10 0.00	26.49 1.07 0.00	26.48 1.07 0.00	26.69 1.10 0.00	27.65 1.14 0.00	31.35 1.44 0.00	36.88 2.12 0.00	39.68 2.42 0.00	33.56 2.05 0.00	32.09 1.76 0.00	26.58 1.24 0.00	24.13 1.19 0.00	21.68 1.01 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	21.59 0.51 0.00	20.14 0.49 0.00	19.72 0.46 0.00	20.04 0.34 0.00	21.25 0.21 0.00	22.73 0.29 0.00	28.48 0.59 0.00	31.46 1.18 0.00	31.30 1.20 0.00	30.51 0.89 0.00	28.62 0.81 0.00	27.15 0.84 0.00	26.21 0.79 0.00	26.20 0.79 0.00	26.44 0.84 0.00	27.39 0.87 0.00	31.11 1.20 0.00	36.60 1.84 0.00	39.39 2.12 0.00	33.27 1.76 0.00	31.82 1.49 0.00	26.35 1.01 0.00	23.92 0.99 0.00	21.54 0.87 0.00



E179THST_138_KV_TB4_REV_LBMP_J 345001	21.86 0.78 0.00	20.36 0.71 0.00	19.95 0.69 0.00	20.22 0.51 0.00	21.35 0.32 0.00	22.67 0.22 0.00	28.51 0.61 0.00	31.49 1.21 0.00	31.39 1.29 0.00	30.57 0.95 0.00	28.73 0.92 0.00	27.28 0.97 0.00	26.34 0.92 0.00	26.33 0.91 0.00	26.54 0.95 0.00	27.52 1.01 0.00	31.20 1.29 0.00	36.71 1.95 0.00	39.46 2.20 0.00	33.43 1.92 0.00	31.91 1.58 0.00	26.45 1.11 0.00	24.17 1.24 0.00	21.78 1.12 0.00
E179THST_13_KV_LOAD 356214	21.93 0.84 0.00	20.42 0.77 0.00	20.01 0.75 0.00	20.28 0.57 0.00	21.44 0.40 0.00	22.76 0.31 0.00	28.62 0.73 0.00	31.61 1.33 0.00	31.51 1.41 0.00	30.69 1.07 0.00	28.85 1.03 0.00	27.39 1.08 0.00	26.47 1.04 0.00	26.45 1.04 0.00	26.67 1.07 0.00	27.62 1.11 0.00	31.32 1.41 0.00	36.84 2.09 0.00	39.65 2.38 0.00	33.59 2.08 0.00	32.06 1.73 0.00	26.56 1.22 0.00	24.29 1.35 0.00	21.87 1.20 0.00
EAST HAMPTON___GT 23717	22.83 1.75 0.00	21.22 1.57 0.00	20.82 1.56 0.00	21.17 1.46 0.00	22.40 1.37 0.00	24.04 1.59 0.00	30.13 2.23 0.00	32.94 2.66 0.00	32.69 2.59 0.00	31.99 2.37 0.00	30.48 2.50 -0.16	28.57 2.26 0.00	27.68 2.26 0.00	27.57 2.16 0.00	29.40 2.30 -1.50	30.77 2.39 -1.87	33.15 3.02 -0.22	42.89 4.27 -3.86	46.92 4.70 -4.97	40.66 3.81 -5.34	35.19 3.40 -1.46	31.27 2.46 -3.48	27.20 2.27 -2.00	23.21 2.09 -0.46
EAST RIVER___6 23660	21.57 0.49 0.00	20.10 0.45 0.00	19.70 0.44 0.00	20.00 0.30 0.00	21.14 0.11 0.00	22.62 0.18 0.00	28.54 0.64 0.00	31.61 1.33 0.00	31.54 1.44 0.00	30.69 1.06 0.00	28.85 1.03 0.00	27.31 1.00 0.00	26.49 1.07 0.00	26.48 1.07 0.00	26.64 1.05 0.00	27.62 1.11 0.00	31.32 1.41 0.00	36.77 2.02 0.00	39.61 2.35 0.00	33.43 1.92 0.00	32.03 1.70 0.00	26.43 1.09 0.00	24.03 1.10 0.00	21.60 0.93 0.00
EAST RIVER___7 23524	21.57 0.49 0.00	20.10 0.45 0.00	19.70 0.44 0.00	20.00 0.30 0.00	21.14 0.11 0.00	22.62 0.18 0.00	28.54 0.64 0.00	31.61 1.33 0.00	31.54 1.44 0.00	30.69 1.06 0.00	28.85 1.03 0.00	27.31 1.00 0.00	26.49 1.07 0.00	26.48 1.07 0.00	26.64 1.05 0.00	27.62 1.11 0.00	31.32 1.41 0.00	36.77 2.02 0.00	39.61 2.35 0.00	33.43 1.92 0.00	32.03 1.70 0.00	26.43 1.09 0.00	24.03 1.10 0.00	21.60 0.93 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	21.65 0.57 0.00	20.20 0.55 0.00	19.78 0.52 0.00	20.10 0.39 0.00	21.27 0.23 0.00	22.76 0.31 0.00	28.62 0.73 0.00	31.61 1.33 0.00	31.48 1.38 0.00	30.69 1.07 0.00	28.85 1.03 0.00	27.36 1.05 0.00	26.44 1.02 0.00	26.43 1.02 0.00	26.64 1.05 0.00	27.60 1.09 0.00	31.29 1.38 0.00	36.81 2.05 0.00	39.61 2.35 0.00	33.49 1.98 0.00	32.03 1.70 0.00	26.56 1.22 0.00	24.08 1.15 0.00	21.66 0.99 0.00
EAST_HAMPTON___DIESEL 23722	22.83 1.75 0.00	21.22 1.57 0.00	20.84 1.58 0.00	21.17 1.46 0.00	22.42 1.39 0.00	24.06 1.62 0.00	30.13 2.23 0.00	32.94 2.66 0.00	32.69 2.59 0.00	32.02 2.40 0.00	30.48 2.50 -0.16	28.60 2.29 0.00	27.71 2.29 0.00	27.57 2.16 0.00	29.40 2.30 -1.50	30.79 2.41 -1.87	33.18 3.05 -0.22	42.89 4.27 -3.86	46.96 4.73 -4.97	40.66 3.81 -5.34	35.22 3.43 -1.46	31.27 2.46 -3.48	27.23 2.29 -2.00	23.21 2.09 -0.46
EAST_PULASKI___ESR 323781	20.81 -0.27 0.00	19.41 -0.24 0.00	18.99 -0.27 0.00	19.41 -0.30 0.00	20.72 -0.32 0.00	22.08 -0.36 0.00	27.42 -0.47 0.00	29.88 -0.39 0.00	29.56 -0.54 0.00	28.94 -0.68 0.00	27.15 -0.67 0.00	25.60 -0.71 0.00	24.76 -0.66 0.00	24.70 -0.71 0.00	24.88 -0.72 0.00	25.80 -0.72 0.00	29.19 -0.72 0.00	34.10 -0.66 0.00	36.63 -0.63 0.00	31.04 -0.47 0.00	29.76 -0.58 0.00	24.81 -0.53 0.00	22.45 -0.48 0.00	20.50 -0.17 0.00
EAST_RIVER___1 323558	21.63 0.55 0.00	20.18 0.53 0.00	19.78 0.52 0.00	20.08 0.37 0.00	21.20 0.17 0.00	22.69 0.25 0.00	28.59 0.70 0.00	31.67 1.39 0.00	31.57 1.47 0.00	30.75 1.13 0.00	28.87 1.06 0.00	27.33 1.03 0.00	26.49 1.07 0.00	26.48 1.07 0.00	26.67 1.07 0.00	27.68 1.17 0.00	31.37 1.47 0.00	36.84 2.09 0.00	39.68 2.42 0.00	33.46 1.95 0.00	32.09 1.76 0.00	26.48 1.14 0.00	24.08 1.15 0.00	21.66 0.99 0.00
EAST_RIVER___2 323559	21.57 0.49 0.00	20.10 0.45 0.00	19.70 0.44 0.00	20.00 0.30 0.00	21.14 0.11 0.00	22.62 0.18 0.00	28.54 0.64 0.00	31.61 1.33 0.00	31.54 1.44 0.00	30.69 1.06 0.00	28.85 1.03 0.00	27.31 1.00 0.00	26.49 1.07 0.00	26.48 1.07 0.00	26.64 1.05 0.00	27.62 1.11 0.00	31.32 1.41 0.00	36.77 2.02 0.00	39.61 2.35 0.00	33.43 1.92 0.00	32.03 1.70 0.00	26.43 1.09 0.00	24.03 1.10 0.00	21.60 0.93 0.00
EAST___DELAWARE_HYD 23607	21.34 0.25 0.00	19.91 0.25 0.00	19.49 0.23 0.00	19.81 0.10 0.00	21.01 -0.02 0.00	22.47 0.02 0.00	28.17 0.28 0.00	31.06 0.79 0.00	30.88 0.78 0.00	30.07 0.44 0.00	28.23 0.42 0.00	26.65 0.34 0.00	25.12 -0.30 0.00	25.08 -0.33 0.00	25.29 -0.31 0.00	26.25 -0.27 0.00	29.88 -0.03 0.00	35.21 0.45 0.00	37.93 0.67 0.00	31.95 0.44 0.00	31.40 1.06 0.00	25.92 0.58 0.00	23.51 0.57 0.00	21.16 0.50 0.00
EIGHT_POINT___WT_PWR 323820	21.44 0.36 0.00	20.00 0.35 0.00	19.49 0.23 0.00	19.92 0.22 0.00	21.25 0.21 0.00	22.91 0.47 0.00	28.37 0.47 0.00	30.73 0.45 0.00	30.46 0.36 0.00	29.77 0.15 0.00	27.90 0.08 0.00	26.39 0.08 0.00	25.42 0.00 0.00	25.31 -0.10 0.00	25.52 -0.08 0.00	26.33 -0.18 0.00	29.79 -0.12 0.00	34.93 0.17 0.00	37.45 0.19 0.00	31.98 0.47 0.00	30.18 -0.15 0.00	25.16 -0.18 0.00	22.73 -0.21 0.00	20.85 0.19 0.00
ELBRIDGE_115KV_TB2 80188	20.91 -0.17 0.00	19.55 -0.10 0.00	19.10 -0.15 0.00	19.55 -0.16 0.00	20.83 -0.21 0.00	22.22 -0.22 0.00	27.51 -0.39 0.00	29.91 -0.36 0.00	29.65 -0.45 0.00	29.09 -0.53 0.00	27.29 -0.53 0.00	25.78 -0.53 0.00	24.94 -0.48 0.00	24.90 -0.51 0.00	25.08 -0.51 0.00	25.98 -0.53 0.00	29.40 -0.51 0.00	34.31 -0.45 0.00	36.78 -0.48 0.00	31.16 -0.35 0.00	29.79 -0.55 0.00	24.83 -0.51 0.00	22.52 -0.41 0.00	20.63 -0.04 0.00
ELEC_TRO_TEK 24086	21.97 0.89 0.00	20.44 0.79 0.00	20.01 0.75 0.00	20.34 0.63 0.00	21.54 0.50 0.00	23.07 0.63 0.00	29.01 1.12 0.00	31.88 1.60 0.00	31.73 1.63 0.00	31.04 1.42 0.00	30.39 1.47 -1.10	27.78 1.47 0.00	26.85 1.42 0.00	26.81 1.40 0.00	28.57 1.46 -1.52	30.03 1.54 -1.98	32.06 1.88 -0.27	41.26 2.64 -3.86	45.17 2.94 -4.97	39.40 2.55 -5.34	34.01 2.21 -1.46	30.60 1.62 -3.64	26.68 1.54 -2.21	22.49 1.34 -0.48
ELLENBURG_WT_PWR 323604	21.55 0.46 0.00	20.02 0.37 0.00	19.64 0.39 0.00	20.22 0.51 0.00	21.73 0.69 0.00	23.23 0.79 0.00	28.48 0.59 0.00	30.58 0.30 0.00	30.49 0.39 0.00	30.25 0.62 0.00	28.48 0.67 0.00	26.91 0.61 0.00	25.93 0.51 0.00	25.92 0.51 0.00	26.00 0.41 0.00	26.88 0.37 0.00	30.15 0.24 0.00	34.10 -0.66 0.00	36.22 -1.04 0.00	30.63 -0.88 0.00	29.55 -0.79 0.00	25.09 -0.25 0.00	22.57 -0.37 0.00	20.07 -0.60 0.00



ELM_ST_23_KV_LD_REV_LBMP_A 345012	19.84 -1.24 0.00	18.55 -1.10 0.00	18.01 -1.25 0.00	18.45 -1.26 0.00	19.73 -1.30 0.00	21.46 -0.99 0.00	25.66 -2.23 0.00	27.22 -3.06 0.00	26.85 -3.25 0.00	26.39 -3.23 0.00	24.81 -3.00 0.00	23.49 -2.82 0.00	22.88 -2.54 0.00	22.90 -2.52 0.00	22.90 -2.69 0.00	23.65 -2.86 0.00	26.80 -3.11 0.00	31.25 -3.51 0.00	33.09 -4.17 0.00	28.26 -3.25 0.00	26.63 -3.70 0.00	22.35 -2.99 0.00	20.43 -2.50 0.00	19.28 -1.38 0.00
EMPIRE_CC_1 323656	21.40 0.32 0.00	20.02 0.37 0.00	19.61 0.35 0.00	19.96 0.26 0.00	21.18 0.15 0.00	22.58 0.14 0.00	28.12 0.22 0.00	30.85 0.57 0.00	30.55 0.45 0.00	29.89 0.27 0.00	28.04 0.22 0.00	26.52 0.21 0.00	25.68 0.25 0.00	25.69 0.28 0.00	25.85 0.26 0.00	26.80 0.29 0.00	30.36 0.45 0.00	35.70 0.94 0.00	38.38 1.12 0.00	32.36 0.85 0.00	31.09 0.76 0.00	25.74 0.40 0.00	23.48 0.55 0.00	21.21 0.54 0.00
EMPIRE_CC_2 323658	21.40 0.32 0.00	20.02 0.37 0.00	19.61 0.35 0.00	19.96 0.26 0.00	21.18 0.15 0.00	22.58 0.14 0.00	28.12 0.22 0.00	30.85 0.57 0.00	30.55 0.45 0.00	29.89 0.27 0.00	28.04 0.22 0.00	26.52 0.21 0.00	25.68 0.25 0.00	25.69 0.28 0.00	25.85 0.26 0.00	26.80 0.29 0.00	30.36 0.45 0.00	35.70 0.94 0.00	38.38 1.12 0.00	32.36 0.85 0.00	31.09 0.76 0.00	25.74 0.40 0.00	23.48 0.55 0.00	21.21 0.54 0.00
ENORWICH_115KV_TB1 80156	22.58 1.50 0.00	21.12 1.47 0.00	20.57 1.31 0.00	21.03 1.32 0.00	22.47 1.43 0.00	24.08 1.64 0.00	30.04 2.15 0.00	32.82 2.54 0.00	32.24 2.14 0.00	31.37 1.75 0.00	29.21 1.39 0.00	27.31 1.00 0.00	26.34 0.92 0.00	26.33 0.91 0.00	26.59 1.00 0.00	27.65 1.14 0.00	31.52 1.62 0.00	37.23 2.47 0.00	39.91 2.65 0.00	33.81 2.30 0.00	32.16 1.82 0.00	26.68 1.34 0.00	24.06 1.12 0.00	21.93 1.26 0.00
ERIE_ST__34_KV_TB1-2 80199	20.18 -0.91 0.00	18.86 -0.79 0.00	18.31 -0.94 0.00	18.76 -0.95 0.00	20.07 -0.97 0.00	21.81 -0.63 0.00	26.17 -1.73 0.00	27.73 -2.54 0.00	27.42 -2.68 0.00	26.96 -2.67 0.00	25.34 -2.48 0.00	23.99 -2.32 0.00	23.34 -2.08 0.00	23.38 -2.03 0.00	23.37 -2.23 0.00	24.15 -2.36 0.00	27.37 -2.54 0.00	31.98 -2.78 0.00	33.87 -3.39 0.00	28.89 -2.62 0.00	27.21 -3.12 0.00	22.86 -2.48 0.00	20.85 -2.09 0.00	19.68 -0.99 0.00
ERIE_WT_PWR 323693	19.99 -1.10 0.00	18.67 -0.98 0.00	18.12 -1.14 0.00	18.56 -1.14 0.00	19.86 -1.18 0.00	21.59 -0.85 0.00	25.83 -2.06 0.00	27.40 -2.88 0.00	27.03 -3.07 0.00	26.66 -2.96 0.00	25.04 -2.78 0.00	24.15 -2.16 0.00	23.03 -2.39 0.00	23.07 -2.34 0.00	23.24 -2.35 0.00	23.81 -2.70 0.00	27.01 -2.90 0.00	31.67 -3.09 0.00	33.31 -3.95 0.00	28.96 -2.55 0.00	26.82 -3.52 0.00	22.83 -2.51 0.00	20.69 -2.25 0.00	19.41 -1.26 0.00
ESPRGFLD_115KV_TB1 80157	21.99 0.91 0.00	20.53 0.88 0.00	20.05 0.79 0.00	20.48 0.77 0.00	21.84 0.80 0.00	23.41 0.97 0.00	29.26 1.37 0.00	31.82 1.54 0.00	31.58 1.47 0.00	30.84 1.21 0.00	28.85 1.03 0.00	27.18 0.87 0.00	26.24 0.81 0.00	26.22 0.81 0.00	26.44 0.84 0.00	27.44 0.93 0.00	31.17 1.26 0.00	36.60 1.84 0.00	39.27 2.01 0.00	33.24 1.73 0.00	31.76 1.43 0.00	26.45 1.11 0.00	23.90 0.96 0.00	21.62 0.95 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	21.44 0.36 0.00	20.04 0.39 0.00	19.57 0.31 0.00	20.00 0.30 0.00	21.33 0.29 0.00	22.82 0.38 0.00	28.34 0.45 0.00	30.88 0.61 0.00	30.43 0.33 0.00	29.74 0.12 0.00	27.82 0.00 0.00	26.23 -0.08 0.00	25.35 -0.08 0.00	25.31 -0.10 0.00	25.52 -0.08 0.00	26.46 -0.05 0.00	30.00 0.09 0.00	35.18 0.42 0.00	37.78 0.52 0.00	32.04 0.54 0.00	30.58 0.24 0.00	25.47 0.13 0.00	23.05 0.11 0.00	21.08 0.41 0.00
ETNA____115KV_TB2 80207	21.44 0.36 0.00	20.04 0.39 0.00	19.57 0.31 0.00	20.00 0.30 0.00	21.33 0.29 0.00	22.82 0.38 0.00	28.34 0.45 0.00	30.88 0.61 0.00	30.43 0.33 0.00	29.74 0.12 0.00	27.82 0.00 0.00	26.23 -0.08 0.00	25.35 -0.08 0.00	25.31 -0.10 0.00	25.52 -0.08 0.00	26.46 -0.05 0.00	30.00 0.09 0.00	35.18 0.42 0.00	37.78 0.52 0.00	32.04 0.54 0.00	30.58 0.24 0.00	25.47 0.13 0.00	23.05 0.11 0.00	21.08 0.41 0.00
EUCLID___115KV_TB2 356179	20.79 -0.30 0.00	19.41 -0.24 0.00	18.99 -0.27 0.00	19.41 -0.30 0.00	20.68 -0.36 0.00	22.04 -0.40 0.00	27.28 -0.61 0.00	29.67 -0.61 0.00	29.41 -0.69 0.00	28.85 -0.77 0.00	27.12 -0.70 0.00	25.60 -0.71 0.00	24.79 -0.64 0.00	24.75 -0.66 0.00	24.93 -0.67 0.00	25.82 -0.69 0.00	29.19 -0.72 0.00	34.03 -0.73 0.00	36.48 -0.78 0.00	30.91 -0.60 0.00	29.58 -0.76 0.00	24.68 -0.66 0.00	22.38 -0.55 0.00	20.50 -0.17 0.00
E_CANADA_CAP_HY 24051	22.09 1.01 0.00	20.63 0.98 0.00	20.18 0.92 0.00	20.59 0.89 0.00	21.96 0.92 0.00	23.52 1.08 0.00	29.37 1.48 0.00	31.82 1.54 0.00	31.63 1.53 0.00	30.81 1.19 0.00	28.82 1.00 0.00	27.15 0.84 0.00	26.24 0.81 0.00	26.20 0.79 0.00	26.41 0.82 0.00	27.44 0.93 0.00	31.19 1.29 0.00	36.70 1.95 0.00	39.54 2.27 0.00	33.43 1.92 0.00	32.00 1.67 0.00	26.68 1.34 0.00	24.08 1.15 0.00	21.76 1.09 0.00
E_CANADA_MHWK_HY 24050	21.06 -0.02 0.00	19.65 0.00 0.00	19.26 0.00 0.00	19.73 0.02 0.00	21.04 0.00 0.00	22.44 0.00 0.00	27.95 0.06 0.00	30.40 0.12 0.00	30.19 0.09 0.00	29.62 0.00 0.00	27.87 0.06 0.00	26.39 0.08 0.00	25.52 0.10 0.00	25.54 0.13 0.00	25.69 0.10 0.00	26.62 0.11 0.00	30.03 0.12 0.00	34.97 0.21 0.00	37.37 0.11 0.00	31.57 0.06 0.00	30.37 0.03 0.00	25.37 0.03 0.00	22.98 0.05 0.00	20.75 0.08 0.00
E_FISHKILL___LBMP 23776	21.59 0.51 0.00	20.14 0.49 0.00	19.72 0.46 0.00	20.06 0.35 0.00	21.25 0.21 0.00	22.71 0.27 0.00	28.51 0.61 0.00	31.46 1.18 0.00	31.27 1.17 0.00	30.51 0.89 0.00	28.65 0.83 0.00	27.18 0.87 0.00	26.24 0.81 0.00	26.22 0.81 0.00	26.44 0.84 0.00	27.39 0.87 0.00	31.08 1.17 0.00	36.53 1.77 0.00	39.31 2.05 0.00	33.24 1.73 0.00	31.79 1.46 0.00	26.35 1.01 0.00	23.92 0.99 0.00	21.54 0.87 0.00
FALCON___SEABRD_CC1 323796	21.80 0.72 0.00	20.26 0.61 0.00	19.86 0.60 0.00	20.46 0.75 0.00	21.96 0.92 0.00	23.50 1.06 0.00	28.65 0.75 0.00	30.76 0.48 0.00	30.67 0.57 0.00	30.42 0.80 0.00	28.65 0.83 0.00	27.04 0.74 0.00	26.06 0.64 0.00	26.05 0.64 0.00	26.13 0.54 0.00	27.04 0.53 0.00	30.30 0.39 0.00	34.03 -0.73 0.00	36.15 -1.12 0.00	30.78 -0.72 0.00	29.67 -0.67 0.00	25.34 0.00 0.00	22.77 -0.16 0.00	20.26 -0.41 0.00
FALCON___SEABRD_CC2 323797	21.80 0.72 0.00	20.26 0.61 0.00	19.86 0.60 0.00	20.46 0.75 0.00	21.96 0.92 0.00	23.50 1.06 0.00	28.65 0.75 0.00	30.76 0.48 0.00	30.67 0.57 0.00	30.42 0.80 0.00	28.65 0.83 0.00	27.04 0.74 0.00	26.06 0.64 0.00	26.05 0.64 0.00	26.13 0.54 0.00	27.04 0.53 0.00	30.30 0.39 0.00	34.03 -0.73 0.00	36.15 -1.12 0.00	30.78 -0.72 0.00	29.67 -0.67 0.00	25.34 0.00 0.00	22.77 -0.16 0.00	20.26 -0.41 0.00



FAR ROCKAWAY___4 23548	22.20 1.12 0.00	20.65 1.00 0.00	20.22 0.96 0.00	20.53 0.83 0.00	21.77 0.74 0.00	23.32 0.88 0.00	29.35 1.45 0.00	32.27 2.00 0.00	32.09 1.99 0.00	31.34 1.72 0.00	31.68 1.72 -2.14	28.10 1.79 0.00	27.15 1.73 0.00	27.11 1.70 0.00	28.88 1.74 -1.55	30.41 1.78 -2.12	32.47 2.21 -0.34	41.71 3.09 -3.86	45.70 3.47 -4.97	39.81 2.96 -5.34	34.40 2.61 -1.46	31.09 1.90 -3.85	27.20 1.77 -2.50	22.74 1.57 -0.50
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	21.67 0.59 0.00	20.20 0.55 0.00	19.80 0.54 0.00	20.10 0.39 0.00	21.25 0.21 0.00	22.73 0.29 0.00	28.65 0.75 0.00	31.70 1.42 0.00	31.61 1.51 0.00	30.81 1.18 0.00	28.93 1.11 0.00	27.47 1.16 0.00	26.54 1.12 0.00	26.53 1.12 0.00	26.72 1.13 0.00	27.70 1.19 0.00	31.41 1.50 0.00	36.91 2.16 0.00	39.72 2.46 0.00	33.62 2.11 0.00	32.13 1.79 0.00	26.63 1.29 0.00	24.17 1.24 0.00	21.70 1.03 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	21.67 0.59 0.00	20.20 0.55 0.00	19.80 0.54 0.00	20.10 0.39 0.00	21.25 0.21 0.00	22.73 0.29 0.00	28.65 0.75 0.00	31.70 1.42 0.00	31.61 1.51 0.00	30.78 1.16 0.00	28.93 1.11 0.00	27.47 1.16 0.00	26.52 1.09 0.00	26.50 1.09 0.00	26.72 1.13 0.00	27.70 1.19 0.00	31.41 1.50 0.00	36.91 2.16 0.00	39.72 2.46 0.00	33.62 2.11 0.00	32.13 1.79 0.00	26.61 1.27 0.00	24.17 1.24 0.00	21.70 1.03 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	21.65 0.57 0.00	20.18 0.53 0.00	19.78 0.52 0.00	20.08 0.37 0.00	21.23 0.19 0.00	22.71 0.27 0.00	28.62 0.73 0.00	31.67 1.39 0.00	31.58 1.47 0.00	30.75 1.13 0.00	28.90 1.08 0.00	27.44 1.13 0.00	26.49 1.07 0.00	26.48 1.07 0.00	26.69 1.10 0.00	27.68 1.17 0.00	31.38 1.47 0.00	36.88 2.12 0.00	39.68 2.42 0.00	33.59 2.08 0.00	32.09 1.76 0.00	26.58 1.24 0.00	24.15 1.22 0.00	21.68 1.01 0.00
FARRAGUT___LBMP 323566	21.65 0.57 0.00	20.18 0.53 0.00	19.78 0.52 0.00	20.06 0.35 0.00	21.20 0.17 0.00	22.71 0.27 0.00	28.59 0.70 0.00	31.64 1.36 0.00	31.54 1.44 0.00	30.75 1.13 0.00	28.87 1.06 0.00	27.41 1.10 0.00	26.49 1.07 0.00	26.48 1.07 0.00	26.69 1.10 0.00	27.65 1.14 0.00	31.35 1.44 0.00	36.84 2.09 0.00	39.65 2.38 0.00	33.56 2.05 0.00	32.06 1.73 0.00	26.58 1.24 0.00	24.13 1.19 0.00	21.66 0.99 0.00
FENNER___WINDPWR 24204	21.44 0.36 0.00	20.00 0.35 0.00	19.57 0.31 0.00	20.00 0.30 0.00	21.35 0.32 0.00	22.80 0.36 0.00	28.37 0.47 0.00	30.94 0.67 0.00	30.58 0.48 0.00	29.98 0.36 0.00	28.09 0.28 0.00	26.55 0.24 0.00	25.60 0.18 0.00	25.61 0.20 0.00	25.82 0.23 0.00	26.78 0.27 0.00	30.30 0.39 0.00	35.45 0.69 0.00	37.97 0.71 0.00	32.17 0.66 0.00	30.76 0.42 0.00	25.67 0.33 0.00	23.21 0.28 0.00	21.08 0.41 0.00
FIBERTEK___ENERGY 23856	21.02 -0.06 0.00	19.65 0.00 0.00	19.20 -0.06 0.00	19.63 -0.08 0.00	20.91 -0.13 0.00	22.31 -0.13 0.00	27.64 -0.25 0.00	30.06 -0.21 0.00	29.80 -0.30 0.00	29.24 -0.39 0.00	27.46 -0.36 0.00	25.91 -0.39 0.00	25.09 -0.33 0.00	25.03 -0.38 0.00	25.23 -0.36 0.00	26.14 -0.37 0.00	29.55 -0.36 0.00	34.48 -0.28 0.00	36.96 -0.30 0.00	31.32 -0.19 0.00	29.94 -0.39 0.00	24.96 -0.38 0.00	22.64 -0.30 0.00	20.73 0.06 0.00
FITZPATRICK___ 23598	20.62 -0.46 0.00	19.24 -0.41 0.00	18.83 -0.42 0.00	19.25 -0.45 0.00	20.53 -0.51 0.00	21.84 -0.60 0.00	27.03 -0.86 0.00	29.37 -0.91 0.00	29.11 -0.99 0.00	28.58 -1.04 0.00	26.84 -0.97 0.00	25.41 -0.89 0.00	24.53 -0.89 0.00	24.50 -0.91 0.00	24.70 -0.90 0.00	25.56 -0.95 0.00	28.89 -1.02 0.00	33.68 -1.08 0.00	36.07 -1.19 0.00	30.59 -0.91 0.00	29.27 -1.06 0.00	24.48 -0.86 0.00	22.18 -0.76 0.00	20.28 -0.39 0.00
FLOWRFLD_69_KV_BK1 356044	22.22 1.14 0.00	20.67 1.02 0.00	20.24 0.98 0.00	20.57 0.87 0.00	21.77 0.74 0.00	23.34 0.90 0.00	29.29 1.39 0.00	32.06 1.79 0.00	31.82 1.72 0.00	31.19 1.57 0.00	29.71 1.72 -0.17	28.07 1.76 0.00	27.13 1.70 0.00	27.06 1.65 0.00	28.89 1.79 -1.50	30.24 1.86 -1.87	32.43 2.30 -0.22	41.92 3.30 -3.86	45.84 3.61 -4.97	39.84 2.99 -5.34	34.40 2.61 -1.46	30.74 1.93 -3.48	26.70 1.77 -2.00	22.70 1.57 -0.46
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	21.74 0.65 0.00	20.30 0.65 0.00	19.87 0.62 0.00	20.20 0.49 0.00	21.41 0.38 0.00	22.89 0.45 0.00	28.68 0.78 0.00	31.67 1.39 0.00	31.51 1.41 0.00	30.69 1.07 0.00	28.79 0.97 0.00	27.28 0.97 0.00	26.34 0.92 0.00	26.33 0.91 0.00	26.59 1.00 0.00	27.52 1.01 0.00	31.32 1.41 0.00	36.88 2.12 0.00	39.68 2.42 0.00	33.49 1.98 0.00	32.03 1.70 0.00	26.48 1.14 0.00	24.03 1.10 0.00	21.62 0.95 0.00
FORT ORANGE___ 23900	21.67 0.59 0.00	20.26 0.61 0.00	19.84 0.58 0.00	20.22 0.51 0.00	21.48 0.44 0.00	22.94 0.49 0.00	28.59 0.70 0.00	31.34 1.06 0.00	31.09 0.99 0.00	30.36 0.74 0.00	28.46 0.64 0.00	26.91 0.61 0.00	26.06 0.64 0.00	26.07 0.66 0.00	26.23 0.64 0.00	27.23 0.72 0.00	30.84 0.93 0.00	36.29 1.53 0.00	38.98 1.72 0.00	32.86 1.35 0.00	31.55 1.21 0.00	26.15 0.81 0.00	23.76 0.82 0.00	21.45 0.79 0.00
FORT_DRUM_COGEN 23780	20.85 -0.23 0.00	19.45 -0.20 0.00	19.01 -0.25 0.00	19.47 -0.24 0.00	20.91 -0.13 0.00	22.31 -0.13 0.00	27.81 -0.08 0.00	30.49 0.21 0.00	29.98 -0.12 0.00	29.21 -0.41 0.00	27.34 -0.47 0.00	25.76 -0.55 0.00	24.84 -0.58 0.00	24.80 -0.61 0.00	24.98 -0.61 0.00	25.93 -0.58 0.00	29.43 -0.48 0.00	34.45 -0.31 0.00	37.00 -0.26 0.00	31.38 -0.13 0.00	30.18 -0.15 0.00	25.19 -0.15 0.00	22.68 -0.25 0.00	20.50 -0.17 0.00
FOX_HILLS___ESR 323835	21.86 0.78 0.00	20.34 0.69 0.00	19.95 0.69 0.00	20.22 0.51 0.00	21.37 0.34 0.00	22.73 0.29 0.00	28.59 0.70 0.00	31.64 1.36 0.00	31.46 1.35 0.00	30.63 1.01 0.00	28.82 1.00 0.00	27.36 1.05 0.00	26.44 1.02 0.00	26.43 1.02 0.00	26.64 1.05 0.00	27.63 1.11 0.00	31.35 1.44 0.00	36.92 2.16 0.00	39.76 2.50 0.00	33.65 2.14 0.00	32.13 1.79 0.00	26.63 1.29 0.00	24.31 1.38 0.00	21.85 1.18 0.00
FPL_FAR_ROCK_GT1 24212	22.20 1.12 -0.01	20.65 1.00 0.00	20.22 0.96 0.00	20.53 0.83 0.00	21.77 0.74 0.00	23.32 0.87 0.00	29.35 1.45 0.00	32.27 2.00 0.00	32.09 1.99 0.00	31.35 1.72 -0.01	31.65 1.70 -2.14	28.00 1.69 -0.01	27.16 1.73 -0.01	27.09 1.68 -0.01	28.86 1.71 -1.55	30.41 1.78 -2.12	32.47 2.21 -0.34	41.68 3.06 -3.86	45.70 3.47 -4.97	39.71 2.87 -5.34	34.40 2.61 -1.46	31.02 1.83 -3.85	27.17 1.74 -2.50	22.74 1.57 -0.50
FPL_FAR_ROCK_GT2 23815	22.20 1.12 -0.01	20.65 1.00 0.00	20.22 0.96 0.00	20.53 0.83 0.00	21.77 0.74 0.00	23.32 0.87 0.00	29.35 1.45 0.00	32.27 2.00 0.00	32.09 1.99 0.00	31.35 1.72 -0.01	31.65 1.70 -2.14	28.00 1.69 -0.01	27.16 1.73 -0.01	27.09 1.68 -0.01	28.86 1.71 -1.55	30.41 1.78 -2.12	32.47 2.21 -0.34	41.68 3.06 -3.86	45.70 3.47 -4.97	39.71 2.87 -5.34	34.40 2.61 -1.46	31.02 1.83 -3.85	27.17 1.74 -2.50	22.74 1.57 -0.50



FRANKLIN_FALL_HYD 24054	21.57 0.48 0.00	20.04 0.39 0.00	19.64 0.39 0.00	20.24 0.53 0.00	21.79 0.76 0.00	23.32 0.88 0.00	28.70 0.81 0.00	30.82 0.54 0.00	30.73 0.63 0.00	30.51 0.89 0.00	28.73 0.92 0.00	27.10 0.79 0.00	26.11 0.69 0.00	26.10 0.69 0.00	26.21 0.61 0.00	27.09 0.58 0.00	30.33 0.42 0.00	34.45 -0.31 0.00	36.63 -0.63 0.00	30.94 -0.57 0.00	29.94 -0.39 0.00	25.34 0.00 0.00	22.77 -0.16 0.00	20.19 -0.48 0.00
FREEPORT_EQUS_GT1 23764	22.10 1.01 0.00	20.57 0.92 0.00	20.14 0.89 0.00	20.46 0.75 0.00	21.67 0.63 0.00	23.23 0.79 0.00	29.23 1.34 0.00	31.97 1.69 0.00	31.78 1.68 0.00	31.11 1.48 0.00	30.25 1.45 -0.99	27.78 1.47 0.00	26.95 1.53 0.00	26.91 1.50 0.00	28.67 1.56 -1.52	30.20 1.72 -1.96	32.30 2.12 -0.26	41.54 2.92 -3.86	45.54 3.32 -4.97	39.59 2.74 -5.34	34.28 2.49 -1.46	30.70 1.75 -3.62	26.79 1.67 -2.18	22.65 1.51 -0.48
FREEPORT___CT2 23818	22.10 1.01 0.00	20.57 0.92 0.00	20.14 0.89 0.00	20.46 0.75 0.00	21.67 0.63 0.00	23.23 0.79 0.00	29.23 1.34 0.00	31.97 1.69 0.00	31.78 1.68 0.00	31.11 1.48 0.00	30.25 1.45 -0.99	27.78 1.47 0.00	26.95 1.53 0.00	26.91 1.50 0.00	28.67 1.56 -1.52	30.20 1.72 -1.96	32.30 2.12 -0.26	41.54 2.92 -3.86	45.54 3.32 -4.97	39.59 2.74 -5.34	34.28 2.49 -1.46	30.70 1.75 -3.62	26.79 1.67 -2.18	22.65 1.51 -0.48
FRESHKLS_33_KV_LOAD 356253	21.88 0.80 0.00	20.36 0.71 0.00	19.95 0.69 0.00	20.24 0.53 0.00	21.37 0.34 0.00	22.73 0.29 0.00	28.54 0.64 0.00	31.55 1.27 0.00	31.36 1.26 0.01	30.53 0.92 0.01	28.70 0.89 0.01	27.25 0.95 0.01	26.33 0.92 0.01	26.34 0.94 0.01	26.53 0.95 0.01	27.54 1.03 0.01	31.26 1.35 0.00	36.80 2.05 0.01	39.64 2.38 0.01	33.55 2.05 0.01	32.06 1.73 0.00	26.58 1.24 0.00	24.29 1.35 0.00	21.85 1.18 0.00
FULTON COGEN____ 23766	20.75 -0.34 0.00	19.40 -0.26 0.00	18.95 -0.31 0.00	19.37 -0.34 0.00	20.64 -0.40 0.00	21.99 -0.45 0.00	27.25 -0.64 0.00	29.64 -0.64 0.00	29.41 -0.69 0.00	28.82 -0.80 0.00	27.07 -0.75 0.00	25.55 -0.76 0.00	24.71 -0.71 0.00	24.67 -0.74 0.00	24.88 -0.72 0.00	25.77 -0.74 0.00	29.13 -0.78 0.00	33.99 -0.76 0.00	36.48 -0.78 0.00	30.91 -0.60 0.00	29.55 -0.79 0.00	24.66 -0.68 0.00	22.34 -0.60 0.00	20.46 -0.21 0.00
FULTON___LFGE 323630	22.73 1.65 0.00	21.28 1.63 0.00	20.78 1.52 0.00	21.25 1.54 0.00	22.68 1.64 0.00	24.30 1.86 0.00	30.35 2.46 0.00	32.91 2.63 0.00	32.81 2.71 0.00	31.64 2.02 0.00	29.65 1.84 0.00	27.81 1.50 0.00	26.90 1.47 0.00	26.88 1.47 0.00	27.08 1.48 0.00	28.23 1.72 0.00	32.12 2.21 0.00	38.13 3.37 0.00	41.06 3.80 0.00	34.66 3.15 0.00	33.16 2.82 0.00	27.54 2.20 0.00	24.77 1.84 0.00	22.41 1.74 0.00
G.F.CEMENT___DRP 24184	21.71 0.63 0.00	20.32 0.67 0.00	19.87 0.62 0.00	20.28 0.57 0.00	21.58 0.55 0.00	23.09 0.65 0.00	28.82 0.92 0.00	31.52 1.24 0.00	31.39 1.29 0.00	30.66 1.04 0.00	28.71 0.89 0.00	27.18 0.87 0.00	26.24 0.81 0.00	26.22 0.81 0.00	26.39 0.79 0.00	27.44 0.93 0.00	31.08 1.17 0.00	36.64 1.88 0.00	39.31 2.05 0.00	33.15 1.64 0.00	31.79 1.46 0.00	26.33 0.99 0.00	23.78 0.85 0.00	21.45 0.79 0.00
GARDENVILLE___LBMP 24039	19.88 -1.20 0.00	18.59 -1.06 0.00	18.05 -1.21 0.00	18.50 -1.20 0.00	19.79 -1.24 0.00	21.50 -0.94 0.00	25.75 -2.15 0.00	27.31 -2.97 0.00	26.97 -3.13 0.00	26.51 -3.11 0.00	24.92 -2.89 0.00	23.60 -2.71 0.00	22.96 -2.47 0.00	23.00 -2.41 0.00	22.98 -2.61 0.00	23.73 -2.78 0.00	26.92 -2.99 0.00	31.35 -3.41 0.00	33.20 -4.06 0.00	28.36 -3.15 0.00	26.73 -3.61 0.00	22.40 -2.94 0.00	20.48 -2.45 0.00	19.35 -1.32 0.00
GARDNVLA_35_KV_LD 355827	19.97 -1.12 0.00	18.69 -0.96 0.00	18.12 -1.14 0.00	18.58 -1.12 0.00	19.88 -1.16 0.00	21.61 -0.83 0.00	25.86 -2.04 0.00	27.40 -2.88 0.00	27.06 -3.04 0.00	26.63 -2.99 0.00	25.04 -2.78 0.00	23.70 -2.60 0.00	23.06 -2.36 0.00	23.10 -2.31 0.00	23.08 -2.51 0.00	23.86 -2.65 0.00	27.04 -2.87 0.00	31.53 -3.23 0.00	33.39 -3.88 0.00	28.48 -3.02 0.00	26.85 -3.49 0.00	22.53 -2.81 0.00	20.57 -2.36 0.00	19.43 -1.24 0.00
GELCKHM___115KV_LOAD 80723	20.87 -0.21 0.00	19.49 -0.16 0.00	19.07 -0.19 0.00	19.49 -0.22 0.00	20.76 -0.27 0.00	22.13 -0.31 0.00	27.42 -0.47 0.00	29.82 -0.45 0.00	29.56 -0.54 0.00	29.00 -0.62 0.00	27.23 -0.58 0.00	25.73 -0.58 0.00	24.89 -0.53 0.00	24.85 -0.56 0.00	25.05 -0.54 0.00	25.95 -0.56 0.00	29.31 -0.60 0.00	34.20 -0.56 0.00	36.67 -0.60 0.00	31.07 -0.44 0.00	29.70 -0.64 0.00	24.78 -0.56 0.00	22.47 -0.46 0.00	20.57 -0.10 0.00
GENERAL___MILLS 23808	19.94 -1.14 0.00	18.65 -1.00 0.00	18.10 -1.16 0.00	18.54 -1.16 0.00	19.86 -1.18 0.00	21.57 -0.88 0.00	25.80 -2.09 0.00	27.37 -2.91 0.00	27.03 -3.07 0.00	26.57 -3.05 0.00	24.98 -2.84 0.00	23.65 -2.66 0.00	23.01 -2.42 0.00	23.05 -2.36 0.00	23.03 -2.56 0.00	23.81 -2.70 0.00	26.98 -2.93 0.00	31.46 -3.30 0.00	33.31 -3.95 0.00	28.42 -3.09 0.00	26.79 -3.55 0.00	22.48 -2.86 0.00	20.55 -2.39 0.00	19.41 -1.26 0.00
GE_PLASTICS___DRP 24183	21.53 0.44 0.00	20.12 0.47 0.00	19.70 0.44 0.00	20.08 0.37 0.00	21.35 0.32 0.00	22.78 0.34 0.00	28.40 0.50 0.00	31.09 0.82 0.00	30.88 0.78 0.00	30.21 0.59 0.00	28.35 0.53 0.00	26.84 0.53 0.00	25.93 0.51 0.00	25.92 0.51 0.00	26.13 0.54 0.00	27.07 0.56 0.00	30.63 0.72 0.00	35.98 1.22 0.00	38.64 1.38 0.00	32.64 1.13 0.00	31.31 0.97 0.00	26.00 0.66 0.00	23.60 0.67 0.00	21.29 0.62 0.00
GILBOA___1 23756	21.40 0.32 0.00	19.98 0.33 0.00	19.57 0.31 0.00	19.94 0.24 0.00	21.18 0.15 0.00	22.64 0.20 0.00	28.26 0.36 0.00	30.94 0.67 0.00	30.73 0.63 0.00	30.07 0.44 0.00	28.23 0.42 0.00	26.68 0.37 0.00	25.83 0.41 0.00	25.82 0.41 0.00	26.00 0.41 0.00	26.93 0.42 0.00	30.51 0.60 0.00	35.77 1.01 0.00	38.42 1.16 0.00	32.45 0.94 0.00	31.12 0.79 0.00	25.85 0.51 0.00	23.44 0.50 0.00	21.19 0.52 0.00
GILBOA___2 23757	21.40 0.32 0.00	19.98 0.33 0.00	19.57 0.31 0.00	19.94 0.24 0.00	21.18 0.15 0.00	22.64 0.20 0.00	28.26 0.36 0.00	30.94 0.67 0.00	30.73 0.63 0.00	30.07 0.44 0.00	28.23 0.42 0.00	26.68 0.37 0.00	25.83 0.41 0.00	25.82 0.41 0.00	26.00 0.41 0.00	26.93 0.42 0.00	30.51 0.60 0.00	35.77 1.01 0.00	38.42 1.16 0.00	32.45 0.94 0.00	31.12 0.79 0.00	25.85 0.51 0.00	23.44 0.50 0.00	21.19 0.52 0.00
GILBOA___3 23758	21.40 0.32 0.00	19.98 0.33 0.00	19.57 0.31 0.00	19.94 0.24 0.00	21.18 0.15 0.00	22.64 0.20 0.00	28.26 0.36 0.00	30.94 0.67 0.00	30.73 0.63 0.00	30.07 0.44 0.00	28.23 0.42 0.00	26.68 0.37 0.00	25.83 0.41 0.00	25.82 0.41 0.00	26.00 0.41 0.00	26.93 0.42 0.00	30.51 0.60 0.00	35.77 1.01 0.00	38.42 1.16 0.00	32.45 0.94 0.00	31.12 0.79 0.00	25.85 0.51 0.00	23.44 0.50 0.00	21.19 0.52 0.00



GILBOA___4 23759	21.40 0.32 0.00	19.98 0.33 0.00	19.57 0.31 0.00	19.94 0.24 0.00	21.18 0.15 0.00	22.64 0.20 0.00	28.26 0.36 0.00	30.94 0.67 0.00	30.73 0.63 0.00	30.07 0.44 0.00	28.23 0.42 0.00	26.68 0.37 0.00	25.83 0.41 0.00	25.82 0.41 0.00	26.00 0.41 0.00	26.93 0.42 0.00	30.51 0.60 0.00	35.77 1.01 0.00	38.42 1.16 0.00	32.45 0.94 0.00	31.12 0.79 0.00	25.85 0.51 0.00	23.44 0.50 0.00	21.19 0.52 0.00
GILBOA____ 23599	21.40 0.32 0.00	19.98 0.33 0.00	19.57 0.31 0.00	19.94 0.24 0.00	21.18 0.15 0.00	22.64 0.20 0.00	28.26 0.36 0.00	30.94 0.67 0.00	30.73 0.63 0.00	30.07 0.44 0.00	28.23 0.42 0.00	26.73 0.42 0.00	25.83 0.41 0.00	25.82 0.41 0.00	26.00 0.41 0.00	26.93 0.42 0.00	30.51 0.60 0.00	35.77 1.01 0.00	38.42 1.16 0.00	32.48 0.98 0.00	31.12 0.79 0.00	25.87 0.53 0.00	23.46 0.53 0.00	21.19 0.52 0.00
GINNA____ 23603	19.48 -1.60 0.00	18.20 -1.45 0.00	17.72 -1.54 0.00	18.15 -1.56 0.00	19.37 -1.66 0.00	20.81 -1.64 0.00	25.47 -2.43 0.00	27.58 -2.69 0.00	27.27 -2.83 0.00	26.75 -2.87 0.00	25.09 -2.72 0.00	23.92 -2.39 0.00	22.96 -2.47 0.00	22.97 -2.44 0.00	23.19 -2.41 0.00	23.91 -2.60 0.00	27.13 -2.78 0.00	31.67 -3.09 0.00	33.83 -3.43 0.00	28.92 -2.58 0.00	27.33 -3.00 0.00	22.93 -2.41 0.00	20.75 -2.18 0.00	19.08 -1.59 0.00
GLEN PARK____ 23778	20.91 -0.17 0.00	19.51 -0.14 0.00	19.05 -0.21 0.00	19.53 -0.18 0.00	20.97 -0.06 0.00	22.38 -0.07 0.00	27.92 0.03 0.00	30.58 0.30 0.00	30.07 -0.03 0.00	29.24 -0.39 0.00	27.34 -0.47 0.00	25.78 -0.53 0.00	24.81 -0.61 0.00	24.78 -0.63 0.00	24.98 -0.61 0.00	25.90 -0.61 0.00	29.43 -0.48 0.00	34.52 -0.24 0.00	37.11 -0.15 0.00	31.57 0.06 0.00	30.31 -0.03 0.00	25.29 -0.05 0.00	22.75 -0.18 0.00	20.57 -0.10 0.00
GLENDALE_27_KV_LOAD 356172	21.82 0.74 0.00	20.32 0.67 0.00	19.93 0.67 0.00	20.22 0.51 0.00	21.35 0.32 0.00	22.80 0.36 0.00	28.70 0.81 0.00	31.76 1.48 0.00	31.67 1.57 0.00	30.84 1.21 0.00	28.99 1.17 0.00	27.52 1.21 0.00	26.59 1.17 0.00	26.58 1.17 0.00	26.79 1.20 0.00	27.76 1.25 0.00	31.49 1.59 0.00	37.02 2.26 0.00	39.83 2.57 0.00	33.74 2.24 0.00	32.22 1.88 0.00	26.68 1.34 0.00	24.29 1.35 0.00	21.83 1.16 0.00
GLENWOOD_IC_1_G5 23712	22.14 1.05 0.00	20.59 0.94 0.00	20.16 0.91 0.00	20.48 0.77 0.00	21.71 0.67 0.00	23.25 0.81 0.00	29.29 1.39 0.00	32.18 1.91 0.00	32.00 1.90 0.00	31.64 2.01 0.00	30.84 2.03 -0.99	28.07 1.76 0.00	27.10 1.68 0.00	27.06 1.65 0.00	28.87 1.77 -1.52	30.28 1.83 -1.94	32.43 2.27 -0.25	41.43 2.82 -3.86	45.36 3.13 -4.97	39.78 2.93 -5.34	34.34 2.55 -1.46	30.79 1.88 -3.58	26.83 1.77 -2.13	22.69 1.55 -0.47
GLENWOOD_IC_2_G1 23688	22.07 0.99 0.00	20.54 0.89 0.00	20.13 0.87 0.00	20.44 0.73 0.00	21.65 0.61 0.00	23.18 0.74 0.00	29.21 1.31 0.00	32.09 1.82 0.00	31.91 1.81 0.00	30.87 1.24 0.00	29.12 1.31 0.00	27.86 1.55 0.00	27.03 1.60 0.00	26.99 1.58 0.00	28.74 1.64 -1.51	30.14 1.72 -1.91	32.30 2.15 -0.23	41.43 2.81 -3.86	45.43 3.21 -4.97	39.59 2.74 -5.34	34.25 2.46 -1.46	30.59 1.72 -3.53	26.65 1.65 -2.07	22.62 1.49 -0.46
GLENWOOD_IC_3_G1 23689	22.07 0.99 0.00	20.54 0.89 0.00	20.13 0.87 0.00	20.44 0.73 0.00	21.65 0.61 0.00	23.18 0.74 0.00	29.21 1.31 0.00	32.09 1.82 0.00	31.91 1.81 0.00	30.87 1.24 0.00	29.12 1.31 0.00	27.86 1.55 0.00	27.03 1.60 0.00	26.99 1.58 0.00	28.74 1.64 -1.51	30.14 1.72 -1.91	32.30 2.15 -0.23	41.43 2.81 -3.86	45.43 3.21 -4.97	39.59 2.74 -5.34	34.25 2.46 -1.46	30.59 1.72 -3.53	26.65 1.65 -2.07	22.62 1.49 -0.46
GLENWOOD___4 23550	22.14 1.05 0.00	20.59 0.94 0.00	20.16 0.91 0.00	20.48 0.77 0.00	21.71 0.67 0.00	23.25 0.81 0.00	29.29 1.39 0.00	32.18 1.91 0.00	32.00 1.90 0.00	31.64 2.01 0.00	30.84 2.03 -0.99	28.07 1.76 0.00	27.10 1.68 0.00	27.06 1.65 0.00	28.87 1.77 -1.52	30.28 1.83 -1.94	32.43 2.27 -0.25	41.50 2.89 -3.86	45.43 3.20 -4.97	39.78 2.93 -5.34	34.34 2.55 -1.46	30.79 1.88 -3.58	26.83 1.77 -2.13	22.69 1.55 -0.47
GLENWOOD___5 23614	22.14 1.05 0.00	20.59 0.94 0.00	20.16 0.91 0.00	20.48 0.77 0.00	21.71 0.67 0.00	23.25 0.81 0.00	29.29 1.39 0.00	32.18 1.91 0.00	32.00 1.90 0.00	31.64 2.01 0.00	30.84 2.03 -0.99	28.07 1.76 0.00	27.10 1.68 0.00	27.06 1.65 0.00	28.87 1.77 -1.52	30.28 1.83 -1.94	32.43 2.27 -0.25	41.50 2.89 -3.86	45.43 3.20 -4.97	39.78 2.93 -5.34	34.34 2.55 -1.46	30.79 1.88 -3.58	26.83 1.77 -2.13	22.69 1.55 -0.47
GLOBAL GREEN_PORT_GT1 23814	22.79 1.71 0.00	21.18 1.53 0.00	20.78 1.52 0.00	21.11 1.40 0.00	22.36 1.33 0.00	23.99 1.55 0.00	30.04 2.15 0.00	32.85 2.57 0.00	32.60 2.50 0.00	31.93 2.31 0.00	30.40 2.42 -0.16	28.54 2.24 0.00	27.66 2.24 0.00	27.55 2.13 0.00	29.37 2.28 -1.50	30.77 2.39 -1.87	33.15 3.02 -0.22	42.86 4.24 -3.86	46.92 4.70 -4.97	40.63 3.78 -5.34	35.19 3.40 -1.46	31.25 2.43 -3.48	27.18 2.25 -2.00	23.17 2.05 -0.46
GLOBE___DSASP 323697	19.19 -1.90 0.00	17.92 -1.73 0.00	17.41 -1.85 0.00	17.85 -1.85 0.00	19.10 -1.94 0.00	20.76 -1.68 0.00	24.69 -3.21 0.00	26.16 -4.12 0.00	25.80 -4.30 0.00	25.33 -4.30 0.00	23.84 -3.98 0.00	22.55 -3.76 0.00	21.99 -3.43 0.00	22.01 -3.41 0.00	22.01 -3.58 0.00	22.72 -3.79 0.00	25.78 -4.13 0.00	30.00 -4.76 0.00	31.78 -5.48 0.00	27.19 -4.32 0.00	25.66 -4.67 0.00	21.54 -3.80 0.00	19.75 -3.19 0.00	18.66 -2.00 0.00
GOETHSLN___LBMP 323567	21.53 0.44 0.00	20.06 0.41 0.00	19.66 0.40 0.00	19.96 0.26 0.00	21.08 0.04 0.00	22.58 0.13 0.00	28.45 0.56 0.00	31.52 1.24 0.00	31.42 1.32 0.00	30.63 1.01 0.00	28.76 0.95 0.00	27.31 1.00 0.00	26.39 0.97 0.00	26.38 0.97 0.00	26.59 1.00 0.00	27.54 1.03 0.00	31.23 1.32 0.00	36.64 1.88 0.00	39.42 2.16 0.00	33.40 1.89 0.00	31.94 1.61 0.00	26.48 1.14 0.00	24.03 1.10 0.00	21.56 0.89 0.00
GOLAH___69_KV_TB 1_2 80279	20.32 -0.76 0.00	19.00 -0.65 0.00	18.51 -0.75 0.00	18.98 -0.73 0.00	20.28 -0.76 0.00	21.88 -0.56 0.00	26.56 -1.34 0.00	28.58 -1.70 0.00	28.14 -1.96 0.00	27.55 -2.07 0.00	25.87 -1.95 0.00	24.42 -1.89 0.00	23.69 -1.73 0.00	23.71 -1.70 0.00	23.80 -1.79 0.00	24.63 -1.88 0.00	27.94 -1.97 0.00	32.50 -2.26 0.00	34.77 -2.50 0.00	29.59 -1.92 0.00	28.09 -2.24 0.00	23.52 -1.82 0.00	21.37 -1.56 0.00	19.92 -0.74 0.00
GOODYEAR_LAKE_HYD 323669	21.80 0.72 0.00	20.36 0.71 0.00	19.89 0.64 0.00	20.30 0.59 0.00	21.62 0.59 0.00	23.16 0.72 0.00	28.96 1.06 0.00	31.58 1.30 0.00	31.30 1.20 0.00	30.63 1.01 0.00	28.71 0.89 0.00	27.05 0.74 0.00	26.13 0.71 0.00	26.12 0.71 0.00	26.31 0.72 0.00	27.31 0.80 0.00	30.96 1.05 0.00	36.32 1.56 0.00	38.90 1.64 0.00	32.93 1.42 0.00	31.46 1.12 0.00	26.18 0.84 0.00	23.69 0.76 0.00	21.43 0.76 0.00



GOUDEY___7 345031	21.15 0.06 0.00	19.75 0.10 0.00	19.30 0.04 0.00	19.71 0.00 0.00	20.99 -0.04 0.00	22.51 0.07 0.00	27.87 -0.03 0.00	30.46 0.18 0.00	30.16 0.06 0.00	29.53 -0.09 0.00	27.71 -0.11 0.00	26.15 -0.16 0.00	25.30 -0.13 0.00	25.26 -0.15 0.00	25.44 -0.15 0.00	26.35 -0.16 0.00	29.82 -0.09 0.00	34.93 0.17 0.00	37.41 0.15 0.00	31.76 0.25 0.00	30.31 -0.03 0.00	25.26 -0.08 0.00	22.89 -0.05 0.00	20.94 0.27 0.00
GOUDEY___7 23579	21.17 0.08 0.00	19.77 0.12 0.00	19.32 0.06 0.00	19.73 0.02 0.00	21.01 -0.02 0.00	22.53 0.09 0.00	27.90 0.00 0.00	30.49 0.21 0.00	30.19 0.09 0.00	29.56 -0.06 0.00	27.73 -0.08 0.00	26.18 -0.13 0.00	25.32 -0.10 0.00	25.28 -0.13 0.00	25.46 -0.13 0.00	26.38 -0.13 0.00	29.85 -0.06 0.00	34.93 0.17 0.00	37.45 0.19 0.00	31.79 0.28 0.00	30.31 -0.03 0.00	25.29 -0.05 0.00	22.91 -0.02 0.00	20.96 0.29 0.00
GOUDEY___8 23580	21.15 0.06 0.00	19.75 0.10 0.00	19.30 0.04 0.00	19.71 0.00 0.00	20.99 -0.04 0.00	22.51 0.07 0.00	27.87 -0.03 0.00	30.46 0.18 0.00	30.16 0.06 0.00	29.53 -0.09 0.00	27.71 -0.11 0.00	26.15 -0.16 0.00	25.30 -0.13 0.00	25.26 -0.15 0.00	25.44 -0.15 0.00	26.35 -0.16 0.00	29.82 -0.09 0.00	34.93 0.17 0.00	37.41 0.15 0.00	31.76 0.25 0.00	30.31 -0.03 0.00	25.26 -0.08 0.00	22.89 -0.05 0.00	20.94 0.27 0.00
GOWANUS_GT1_1 24077	21.86 0.78 0.00	20.36 0.71 0.00	19.95 0.69 0.00	20.24 0.53 0.00	21.37 0.34 0.00	22.78 0.34 0.00	28.68 0.78 0.00	31.73 1.45 0.00	31.61 1.51 0.00	30.78 1.16 0.00	28.93 1.11 0.00	27.47 1.16 0.00	26.54 1.12 0.00	26.53 1.12 0.00	26.74 1.15 0.00	27.73 1.22 0.00	31.46 1.56 0.00	37.02 2.26 0.00	39.87 2.61 0.00	33.74 2.24 0.00	32.22 1.88 0.00	26.68 1.34 0.00	24.33 1.40 0.00	21.87 1.20 0.00
GOWANUS_GT1_2 24078	21.86 0.78 0.00	20.36 0.71 0.00	19.95 0.69 0.00	20.24 0.53 0.00	21.37 0.34 0.00	22.78 0.34 0.00	28.68 0.78 0.00	31.73 1.45 0.00	31.61 1.51 0.00	30.78 1.16 0.00	28.93 1.11 0.00	27.47 1.16 0.00	26.54 1.12 0.00	26.53 1.12 0.00	26.74 1.15 0.00	27.73 1.22 0.00	31.46 1.56 0.00	37.02 2.26 0.00	39.87 2.61 0.00	33.74 2.24 0.00	32.22 1.88 0.00	26.68 1.34 0.00	24.33 1.40 0.00	21.87 1.20 0.00
GOWANUS_GT1_3 24079	21.86 0.78 0.00	20.36 0.71 0.00	19.95 0.69 0.00	20.24 0.53 0.00	21.37 0.34 0.00	22.78 0.34 0.00	28.68 0.78 0.00	31.73 1.45 0.00	31.61 1.51 0.00	30.78 1.16 0.00	28.93 1.11 0.00	27.47 1.16 0.00	26.54 1.12 0.00	26.53 1.12 0.00	26.74 1.15 0.00	27.73 1.22 0.00	31.46 1.56 0.00	37.02 2.26 0.00	39.87 2.61 0.00	33.74 2.24 0.00	32.22 1.88 0.00	26.68 1.34 0.00	24.33 1.40 0.00	21.87 1.20 0.00
GOWANUS_GT1_4 24080	21.86 0.78 0.00	20.36 0.71 0.00	19.95 0.69 0.00	20.24 0.53 0.00	21.37 0.34 0.00	22.78 0.34 0.00	28.68 0.78 0.00	31.73 1.45 0.00	31.61 1.51 0.00	30.78 1.16 0.00	28.93 1.11 0.00	27.47 1.16 0.00	26.54 1.12 0.00	26.53 1.12 0.00	26.74 1.15 0.00	27.73 1.22 0.00	31.46 1.56 0.00	37.02 2.26 0.00	39.87 2.61 0.00	33.74 2.24 0.00	32.22 1.88 0.00	26.68 1.34 0.00	24.33 1.40 0.00	21.87 1.20 0.00
GOWANUS_GT1_5 24084	21.86 0.78 0.00	20.36 0.71 0.00	19.95 0.69 0.00	20.24 0.53 0.00	21.37 0.34 0.00	22.78 0.34 0.00	28.68 0.78 0.00	31.73 1.45 0.00	31.61 1.51 0.00	30.78 1.16 0.00	28.93 1.11 0.00	27.47 1.16 0.00	26.54 1.12 0.00	26.53 1.12 0.00	26.74 1.15 0.00	27.73 1.22 0.00	31.46 1.56 0.00	37.02 2.26 0.00	39.87 2.61 0.00	33.74 2.24 0.00	32.22 1.88 0.00	26.68 1.34 0.00	24.33 1.40 0.00	21.87 1.20 0.00
GOWANUS_GT1_6 24111	21.86 0.78 0.00	20.36 0.71 0.00	19.95 0.69 0.00	20.24 0.53 0.00	21.37 0.34 0.00	22.78 0.34 0.00	28.68 0.78 0.00	31.73 1.45 0.00	31.61 1.51 0.00	30.78 1.16 0.00	28.93 1.11 0.00	27.47 1.16 0.00	26.54 1.12 0.00	26.53 1.12 0.00	26.74 1.15 0.00	27.73 1.22 0.00	31.46 1.56 0.00	37.02 2.26 0.00	39.87 2.61 0.00	33.74 2.24 0.00	32.22 1.88 0.00	26.68 1.34 0.00	24.33 1.40 0.00	21.87 1.20 0.00
GOWANUS_GT1_7 24112	21.86 0.78 0.00	20.36 0.71 0.00	19.95 0.69 0.00	20.24 0.53 0.00	21.37 0.34 0.00	22.78 0.34 0.00	28.68 0.78 0.00	31.73 1.45 0.00	31.61 1.51 0.00	30.78 1.16 0.00	28.93 1.11 0.00	27.47 1.16 0.00	26.54 1.12 0.00	26.53 1.12 0.00	26.74 1.15 0.00	27.73 1.22 0.00	31.46 1.56 0.00	37.02 2.26 0.00	39.87 2.61 0.00	33.74 2.24 0.00	32.22 1.88 0.00	26.68 1.34 0.00	24.33 1.40 0.00	21.87 1.20 0.00
GOWANUS_GT1_8 24113	21.86 0.78 0.00	20.36 0.71 0.00	19.95 0.69 0.00	20.24 0.53 0.00	21.37 0.34 0.00	22.78 0.34 0.00	28.68 0.78 0.00	31.73 1.45 0.00	31.61 1.51 0.00	30.78 1.16 0.00	28.93 1.11 0.00	27.47 1.16 0.00	26.54 1.12 0.00	26.53 1.12 0.00	26.74 1.15 0.00	27.73 1.22 0.00	31.46 1.56 0.00	37.02 2.26 0.00	39.87 2.61 0.00	33.74 2.24 0.00	32.22 1.88 0.00	26.68 1.34 0.00	24.33 1.40 0.00	21.87 1.20 0.00
GOWANUS_GT2_1 24114	21.84 0.76 0.00	20.36 0.71 0.00	19.95 0.69 0.00	20.24 0.53 0.00	21.37 0.34 0.00	22.78 0.34 0.00	28.68 0.78 0.00	31.73 1.45 0.00	31.60 1.50 0.00	30.75 1.13 0.00	28.93 1.11 0.00	27.39 1.08 0.00	26.54 1.12 0.00	26.53 1.12 0.00	26.72 1.12 0.00	27.73 1.22 0.00	31.46 1.55 0.00	36.99 2.23 0.00	39.91 2.65 0.00	33.62 2.11 0.00	32.22 1.88 0.00	26.58 1.24 0.00	24.29 1.35 0.00	21.87 1.20 0.00
GOWANUS_GT2_2 24115	21.84 0.76 0.00	20.36 0.71 0.00	19.95 0.69 0.00	20.24 0.53 0.00	21.37 0.34 0.00	22.78 0.34 0.00	28.68 0.78 0.00	31.73 1.45 0.00	31.60 1.50 0.00	30.75 1.13 0.00	28.93 1.11 0.00	27.39 1.08 0.00	26.54 1.12 0.00	26.53 1.12 0.00	26.72 1.12 0.00	27.73 1.22 0.00	31.46 1.55 0.00	36.99 2.23 0.00	39.91 2.65 0.00	33.62 2.11 0.00	32.22 1.88 0.00	26.58 1.24 0.00	24.29 1.35 0.00	21.87 1.20 0.00
GOWANUS_GT2_3 24116	21.84 0.76 0.00	20.36 0.71 0.00	19.95 0.69 0.00	20.24 0.53 0.00	21.37 0.34 0.00	22.78 0.34 0.00	28.68 0.78 0.00	31.73 1.45 0.00	31.60 1.50 0.00	30.75 1.13 0.00	28.93 1.11 0.00	27.39 1.08 0.00	26.54 1.12 0.00	26.53 1.12 0.00	26.72 1.12 0.00	27.73 1.22 0.00	31.46 1.55 0.00	36.99 2.23 0.00	39.91 2.65 0.00	33.62 2.11 0.00	32.22 1.88 0.00	26.58 1.24 0.00	24.29 1.35 0.00	21.87 1.20 0.00
GOWANUS_GT2_4 24117	21.84 0.76 0.00	20.36 0.71 0.00	19.95 0.69 0.00	20.24 0.53 0.00	21.37 0.34 0.00	22.78 0.34 0.00	28.68 0.78 0.00	31.73 1.45 0.00	31.60 1.50 0.00	30.75 1.13 0.00	28.93 1.11 0.00	27.39 1.08 0.00	26.54 1.12 0.00	26.53 1.12 0.00	26.72 1.12 0.00	27.73 1.22 0.00	31.46 1.55 0.00	36.99 2.23 0.00	39.91 2.65 0.00	33.62 2.11 0.00	32.22 1.88 0.00	26.58 1.24 0.00	24.29 1.35 0.00	21.87 1.20 0.00



GOWANUS_GT2_5 24118	21.84 0.76 0.00	20.36 0.71 0.00	19.95 0.69 0.00	20.24 0.53 0.00	21.37 0.34 0.00	22.78 0.34 0.00	28.68 0.78 0.00	31.73 1.45 0.00	31.60 1.50 0.00	30.75 1.13 0.00	28.93 1.11 0.00	27.39 1.08 0.00	26.54 1.12 0.00	26.53 1.12 0.00	26.72 1.12 0.00	27.73 1.22 0.00	31.46 1.55 0.00	36.99 2.23 0.00	39.91 2.65 0.00	33.62 2.11 0.00	32.22 1.88 0.00	26.58 1.24 0.00	24.29 1.35 0.00	21.87 1.20 0.00
GOWANUS_GT2_6 24119	21.84 0.76 0.00	20.36 0.71 0.00	19.95 0.69 0.00	20.24 0.53 0.00	21.37 0.34 0.00	22.78 0.34 0.00	28.68 0.78 0.00	31.73 1.45 0.00	31.60 1.50 0.00	30.75 1.13 0.00	28.93 1.11 0.00	27.39 1.08 0.00	26.54 1.12 0.00	26.53 1.12 0.00	26.72 1.12 0.00	27.73 1.22 0.00	31.46 1.55 0.00	36.99 2.23 0.00	39.91 2.65 0.00	33.62 2.11 0.00	32.22 1.88 0.00	26.58 1.24 0.00	24.29 1.35 0.00	21.87 1.20 0.00
GOWANUS_GT2_7 24120	21.84 0.76 0.00	20.36 0.71 0.00	19.95 0.69 0.00	20.24 0.53 0.00	21.37 0.34 0.00	22.78 0.34 0.00	28.68 0.78 0.00	31.73 1.45 0.00	31.60 1.50 0.00	30.75 1.13 0.00	28.93 1.11 0.00	27.39 1.08 0.00	26.54 1.12 0.00	26.53 1.12 0.00	26.72 1.12 0.00	27.73 1.22 0.00	31.46 1.55 0.00	36.99 2.23 0.00	39.91 2.65 0.00	33.62 2.11 0.00	32.22 1.88 0.00	26.58 1.24 0.00	24.29 1.35 0.00	21.87 1.20 0.00
GOWANUS_GT2_8 24121	21.84 0.76 0.00	20.36 0.71 0.00	19.95 0.69 0.00	20.24 0.53 0.00	21.37 0.34 0.00	22.78 0.34 0.00	28.68 0.78 0.00	31.73 1.45 0.00	31.60 1.50 0.00	30.75 1.13 0.00	28.93 1.11 0.00	27.39 1.08 0.00	26.54 1.12 0.00	26.53 1.12 0.00	26.72 1.12 0.00	27.73 1.22 0.00	31.46 1.55 0.00	36.99 2.23 0.00	39.91 2.65 0.00	33.62 2.11 0.00	32.22 1.88 0.00	26.58 1.24 0.00	24.29 1.35 0.00	21.87 1.20 0.00
GOWANUS_GT3_1 24122	21.84 0.76 0.00	20.36 0.71 0.00	19.95 0.69 0.00	20.24 0.53 0.00	21.37 0.34 0.00	22.78 0.34 0.00	28.68 0.78 0.00	31.73 1.45 0.00	31.60 1.50 0.00	30.75 1.13 0.00	28.93 1.11 0.00	27.39 1.08 0.00	26.54 1.12 0.00	26.53 1.12 0.00	26.72 1.12 0.00	27.73 1.22 0.00	31.46 1.55 0.00	36.99 2.23 0.00	39.91 2.65 0.00	33.62 2.11 0.00	32.22 1.88 0.00	26.58 1.24 0.00	24.29 1.35 0.00	21.87 1.20 0.00
GOWANUS_GT3_2 24123	21.84 0.76 0.00	20.36 0.71 0.00	19.95 0.69 0.00	20.24 0.53 0.00	21.37 0.34 0.00	22.78 0.34 0.00	28.68 0.78 0.00	31.73 1.45 0.00	31.60 1.50 0.00	30.75 1.13 0.00	28.93 1.11 0.00	27.39 1.08 0.00	26.54 1.12 0.00	26.53 1.12 0.00	26.72 1.12 0.00	27.73 1.22 0.00	31.46 1.55 0.00	36.99 2.23 0.00	39.91 2.65 0.00	33.62 2.11 0.00	32.22 1.88 0.00	26.58 1.24 0.00	24.29 1.35 0.00	21.87 1.20 0.00
GOWANUS_GT3_3 24124	21.84 0.76 0.00	20.36 0.71 0.00	19.95 0.69 0.00	20.24 0.53 0.00	21.37 0.34 0.00	22.78 0.34 0.00	28.68 0.78 0.00	31.73 1.45 0.00	31.60 1.50 0.00	30.75 1.13 0.00	28.93 1.11 0.00	27.39 1.08 0.00	26.54 1.12 0.00	26.53 1.12 0.00	26.72 1.12 0.00	27.73 1.22 0.00	31.46 1.55 0.00	36.99 2.23 0.00	39.91 2.65 0.00	33.62 2.11 0.00	32.22 1.88 0.00	26.58 1.24 0.00	24.29 1.35 0.00	21.87 1.20 0.00
GOWANUS_GT3_4 24125	21.84 0.76 0.00	20.36 0.71 0.00	19.95 0.69 0.00	20.24 0.53 0.00	21.37 0.34 0.00	22.78 0.34 0.00	28.68 0.78 0.00	31.73 1.45 0.00	31.60 1.50 0.00	30.75 1.13 0.00	28.93 1.11 0.00	27.39 1.08 0.00	26.54 1.12 0.00	26.53 1.12 0.00	26.72 1.12 0.00	27.73 1.22 0.00	31.46 1.55 0.00	36.99 2.23 0.00	39.91 2.65 0.00	33.62 2.11 0.00	32.22 1.88 0.00	26.58 1.24 0.00	24.29 1.35 0.00	21.87 1.20 0.00
GOWANUS_GT3_5 24126	21.84 0.76 0.00	20.36 0.71 0.00	19.95 0.69 0.00	20.24 0.53 0.00	21.37 0.34 0.00	22.78 0.34 0.00	28.68 0.78 0.00	31.73 1.45 0.00	31.60 1.50 0.00	30.75 1.13 0.00	28.93 1.11 0.00	27.39 1.08 0.00	26.54 1.12 0.00	26.53 1.12 0.00	26.72 1.12 0.00	27.73 1.22 0.00	31.46 1.55 0.00	36.99 2.23 0.00	39.91 2.65 0.00	33.62 2.11 0.00	32.22 1.88 0.00	26.58 1.24 0.00	24.29 1.35 0.00	21.87 1.20 0.00
GOWANUS_GT3_6 24127	21.84 0.76 0.00	20.36 0.71 0.00	19.95 0.69 0.00	20.24 0.53 0.00	21.37 0.34 0.00	22.78 0.34 0.00	28.68 0.78 0.00	31.73 1.45 0.00	31.60 1.50 0.00	30.75 1.13 0.00	28.93 1.11 0.00	27.39 1.08 0.00	26.54 1.12 0.00	26.53 1.12 0.00	26.72 1.12 0.00	27.73 1.22 0.00	31.46 1.55 0.00	36.99 2.23 0.00	39.91 2.65 0.00	33.62 2.11 0.00	32.22 1.88 0.00	26.58 1.24 0.00	24.29 1.35 0.00	21.87 1.20 0.00
GOWANUS_GT3_7 24128	21.84 0.76 0.00	20.36 0.71 0.00	19.95 0.69 0.00	20.24 0.53 0.00	21.37 0.34 0.00	22.78 0.34 0.00	28.68 0.78 0.00	31.73 1.45 0.00	31.60 1.50 0.00	30.75 1.13 0.00	28.93 1.11 0.00	27.39 1.08 0.00	26.54 1.12 0.00	26.53 1.12 0.00	26.72 1.12 0.00	27.73 1.22 0.00	31.46 1.55 0.00	36.99 2.23 0.00	39.91 2.65 0.00	33.62 2.11 0.00	32.22 1.88 0.00	26.58 1.24 0.00	24.29 1.35 0.00	21.87 1.20 0.00
GOWANUS_GT3_8 24129	21.84 0.76 0.00	20.36 0.71 0.00	19.95 0.69 0.00	20.24 0.53 0.00	21.37 0.34 0.00	22.78 0.34 0.00	28.68 0.78 0.00	31.73 1.45 0.00	31.60 1.50 0.00	30.75 1.13 0.00	28.93 1.11 0.00	27.39 1.08 0.00	26.54 1.12 0.00	26.53 1.12 0.00	26.72 1.12 0.00	27.73 1.22 0.00	31.46 1.55 0.00	36.99 2.23 0.00	39.91 2.65 0.00	33.62 2.11 0.00	32.22 1.88 0.00	26.58 1.24 0.00	24.29 1.35 0.00	21.87 1.20 0.00
GOWANUS_GT4_1 24130	21.86 0.78 0.00	20.36 0.71 0.00	19.95 0.69 0.00	20.24 0.53 0.00	21.37 0.34 0.00	22.78 0.34 0.00	28.68 0.78 0.00	31.73 1.45 0.00	31.61 1.51 0.00	30.78 1.16 0.00	28.93 1.11 0.00	27.47 1.16 0.00	26.54 1.12 0.00	26.53 1.12 0.00	26.74 1.15 0.00	27.73 1.22 0.00	31.46 1.56 0.00	37.02 2.26 0.00	39.87 2.61 0.00	33.74 2.24 0.00	32.22 1.88 0.00	26.68 1.34 0.00	24.33 1.40 0.00	21.87 1.20 0.00
GOWANUS_GT4_2 24131	21.86 0.78 0.00	20.36 0.71 0.00	19.95 0.69 0.00	20.24 0.53 0.00	21.37 0.34 0.00	22.78 0.34 0.00	28.68 0.78 0.00	31.73 1.45 0.00	31.61 1.51 0.00	30.78 1.16 0.00	28.93 1.11 0.00	27.47 1.16 0.00	26.54 1.12 0.00	26.53 1.12 0.00	26.74 1.15 0.00	27.73 1.22 0.00	31.46 1.56 0.00	37.02 2.26 0.00	39.87 2.61 0.00	33.74 2.24 0.00	32.22 1.88 0.00	26.68 1.34 0.00	24.33 1.40 0.00	21.87 1.20 0.00
GOWANUS_GT4_3 24132	21.86 0.78 0.00	20.36 0.71 0.00	19.95 0.69 0.00	20.24 0.53 0.00	21.37 0.34 0.00	22.78 0.34 0.00	28.68 0.78 0.00	31.73 1.45 0.00	31.61 1.51 0.00	30.78 1.16 0.00	28.93 1.11 0.00	27.47 1.16 0.00	26.54 1.12 0.00	26.53 1.12 0.00	26.74 1.15 0.00	27.73 1.22 0.00	31.46 1.56 0.00	37.02 2.26 0.00	39.87 2.61 0.00	33.74 2.24 0.00	32.22 1.88 0.00	26.68 1.34 0.00	24.33 1.40 0.00	21.87 1.20 0.00



GOWANUS_GT4_4 24133	21.86 0.78 0.00	20.36 0.71 0.00	19.95 0.69 0.00	20.24 0.53 0.00	21.37 0.34 0.00	22.78 0.34 0.00	28.68 0.78 0.00	31.73 1.45 0.00	31.61 1.51 0.00	30.78 1.16 0.00	28.93 1.11 0.00	27.47 1.16 0.00	26.54 1.12 0.00	26.53 1.12 0.00	26.74 1.15 0.00	27.73 1.22 0.00	31.46 1.56 0.00	37.02 2.26 0.00	39.87 2.61 0.00	33.74 2.24 0.00	32.22 1.88 0.00	26.68 1.34 0.00	24.33 1.40 0.00	21.87 1.20 0.00
GOWANUS_GT4_5 24134	21.86 0.78 0.00	20.36 0.71 0.00	19.95 0.69 0.00	20.24 0.53 0.00	21.37 0.34 0.00	22.78 0.34 0.00	28.68 0.78 0.00	31.73 1.45 0.00	31.61 1.51 0.00	30.78 1.16 0.00	28.93 1.11 0.00	27.47 1.16 0.00	26.54 1.12 0.00	26.53 1.12 0.00	26.74 1.15 0.00	27.73 1.22 0.00	31.46 1.56 0.00	37.02 2.26 0.00	39.87 2.61 0.00	33.74 2.24 0.00	32.22 1.88 0.00	26.68 1.34 0.00	24.33 1.40 0.00	21.87 1.20 0.00
GOWANUS_GT4_6 24135	21.86 0.78 0.00	20.36 0.71 0.00	19.95 0.69 0.00	20.24 0.53 0.00	21.37 0.34 0.00	22.78 0.34 0.00	28.68 0.78 0.00	31.73 1.45 0.00	31.61 1.51 0.00	30.78 1.16 0.00	28.93 1.11 0.00	27.47 1.16 0.00	26.54 1.12 0.00	26.53 1.12 0.00	26.74 1.15 0.00	27.73 1.22 0.00	31.46 1.56 0.00	37.02 2.26 0.00	39.87 2.61 0.00	33.74 2.24 0.00	32.22 1.88 0.00	26.68 1.34 0.00	24.33 1.40 0.00	21.87 1.20 0.00
GOWANUS_GT4_7 24136	21.86 0.78 0.00	20.36 0.71 0.00	19.95 0.69 0.00	20.24 0.53 0.00	21.37 0.34 0.00	22.78 0.34 0.00	28.68 0.78 0.00	31.73 1.45 0.00	31.61 1.51 0.00	30.78 1.16 0.00	28.93 1.11 0.00	27.47 1.16 0.00	26.54 1.12 0.00	26.53 1.12 0.00	26.74 1.15 0.00	27.73 1.22 0.00	31.46 1.56 0.00	37.02 2.26 0.00	39.87 2.61 0.00	33.74 2.24 0.00	32.22 1.88 0.00	26.68 1.34 0.00	24.33 1.40 0.00	21.87 1.20 0.00
GOWANUS_GT4_8 24137	21.86 0.78 0.00	20.36 0.71 0.00	19.95 0.69 0.00	20.24 0.53 0.00	21.37 0.34 0.00	22.78 0.34 0.00	28.68 0.78 0.00	31.73 1.45 0.00	31.61 1.51 0.00	30.78 1.16 0.00	28.93 1.11 0.00	27.47 1.16 0.00	26.54 1.12 0.00	26.53 1.12 0.00	26.74 1.15 0.00	27.73 1.22 0.00	31.46 1.56 0.00	37.02 2.26 0.00	39.87 2.61 0.00	33.74 2.24 0.00	32.22 1.88 0.00	26.68 1.34 0.00	24.33 1.40 0.00	21.87 1.20 0.00
GREENBSH_115KV_TB3 55895	21.59 0.51 0.00	20.18 0.53 0.00	19.78 0.52 0.00	20.14 0.43 0.00	21.39 0.36 0.00	22.85 0.40 0.00	28.48 0.59 0.00	31.25 0.97 0.00	31.00 0.90 0.00	30.33 0.71 0.00	28.43 0.61 0.00	26.94 0.63 0.00	26.03 0.61 0.00	26.05 0.64 0.00	26.21 0.61 0.00	27.17 0.66 0.00	30.78 0.87 0.00	36.18 1.43 0.00	38.86 1.60 0.00	32.80 1.29 0.00	31.46 1.12 0.00	26.10 0.76 0.00	23.71 0.78 0.00	21.39 0.72 0.00
GREENDGE_115KV_TB5 80291	21.17 0.08 0.00	19.77 0.12 0.00	19.28 0.02 0.00	19.73 0.02 0.00	21.01 -0.02 0.00	22.62 0.18 0.00	27.98 0.08 0.00	30.46 0.18 0.00	30.10 0.00 0.00	29.41 -0.21 0.00	27.59 -0.22 0.00	25.97 -0.34 0.00	25.14 -0.28 0.00	25.06 -0.36 0.00	25.26 -0.33 0.00	26.14 -0.37 0.00	29.61 -0.30 0.00	34.45 -0.31 0.00	37.04 -0.22 0.00	31.70 0.19 0.00	30.06 -0.27 0.00	25.01 -0.33 0.00	22.64 -0.30 0.00	20.79 0.12 0.00
GREENIDGE___3 23582	21.17 0.08 0.00	19.77 0.12 0.00	19.28 0.02 0.00	19.73 0.02 0.00	21.01 -0.02 0.00	22.62 0.18 0.00	27.98 0.08 0.00	30.46 0.18 0.00	30.10 0.00 0.00	29.41 -0.21 0.00	27.59 -0.22 0.00	25.97 -0.34 0.00	25.14 -0.28 0.00	25.06 -0.36 0.00	25.26 -0.33 0.00	26.14 -0.37 0.00	29.61 -0.30 0.00	34.45 -0.31 0.00	37.04 -0.22 0.00	31.70 0.19 0.00	30.06 -0.27 0.00	25.01 -0.33 0.00	22.64 -0.30 0.00	20.79 0.12 0.00
GREENIDGE___4 23583	21.17 0.08 0.00	19.77 0.12 0.00	19.28 0.02 0.00	19.73 0.02 0.00	21.01 -0.02 0.00	22.62 0.18 0.00	27.98 0.08 0.00	30.46 0.18 0.00	30.10 0.00 0.00	29.45 -0.18 0.00	27.59 -0.22 0.00	26.10 -0.21 0.00	25.14 -0.28 0.00	25.06 -0.36 0.00	25.29 -0.31 0.00	26.14 -0.37 0.00	29.61 -0.30 0.00	34.52 -0.24 0.00	37.04 -0.22 0.00	31.82 0.32 0.00	30.06 -0.27 0.00	25.09 -0.25 0.00	22.66 -0.27 0.00	20.79 0.12 0.00
GREENLWN_69_KV_BK 3 55738	22.05 0.97 0.00	20.52 0.86 0.00	20.09 0.83 0.00	20.42 0.71 0.00	21.62 0.59 0.00	23.16 0.72 0.00	29.12 1.23 0.00	31.97 1.70 0.00	31.79 1.69 0.00	31.10 1.48 0.00	29.61 1.59 -0.20	27.94 1.63 0.00	26.97 1.55 0.00	26.94 1.52 0.00	28.73 1.64 -1.50	30.08 1.70 -1.87	32.22 2.09 -0.22	41.54 2.92 -3.86	45.51 3.28 -4.97	39.59 2.74 -5.34	34.19 2.40 -1.46	30.60 1.77 -3.48	26.62 1.67 -2.01	22.57 1.45 -0.46
GREENWD_138_KV_38B11_REV_LBMP_J 345004	21.86 0.78 0.00	20.36 0.71 0.00	19.95 0.69 0.00	20.24 0.53 0.00	21.37 0.34 0.00	22.78 0.34 0.00	28.68 0.78 0.00	31.73 1.45 0.00	31.61 1.51 0.00	30.78 1.16 0.00	28.93 1.11 0.00	27.47 1.16 0.00	26.54 1.12 0.00	26.53 1.12 0.00	26.74 1.15 0.00	27.73 1.22 0.00	31.46 1.56 0.00	37.02 2.26 0.00	39.87 2.61 0.00	33.74 2.24 0.00	32.22 1.88 0.00	26.68 1.34 0.00	24.33 1.40 0.00	21.87 1.20 0.00
GRISSOM___SOLAR 323813	22.73 1.65 0.00	21.28 1.63 0.00	20.78 1.52 0.00	21.25 1.54 0.00	22.68 1.64 0.00	24.30 1.86 0.00	30.35 2.46 0.00	32.91 2.63 0.00	32.81 2.71 0.00	31.64 2.02 0.00	29.65 1.84 0.00	27.81 1.50 0.00	26.90 1.47 0.00	26.88 1.47 0.00	27.08 1.48 0.00	28.23 1.72 0.00	32.12 2.21 0.00	38.13 3.37 0.00	41.06 3.80 0.00	34.66 3.15 0.00	33.16 2.82 0.00	27.54 2.20 0.00	24.77 1.84 0.00	22.41 1.74 0.00
GROVEVILLE___HYD 323602	21.74 0.65 0.00	20.30 0.65 0.00	19.87 0.62 0.00	20.20 0.49 0.00	21.41 0.38 0.00	22.89 0.45 0.00	28.68 0.78 0.00	31.67 1.39 0.00	31.51 1.41 0.00	30.69 1.07 0.00	28.79 0.97 0.00	27.28 0.97 0.00	26.34 0.92 0.00	26.33 0.91 0.00	26.59 1.00 0.00	27.52 1.01 0.00	31.32 1.41 0.00	36.88 2.12 0.00	39.68 2.42 0.00	33.49 1.98 0.00	32.03 1.70 0.00	26.48 1.14 0.00	24.03 1.10 0.00	21.62 0.95 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	21.02 -0.06 0.00	19.65 0.00 0.00	19.20 -0.06 0.00	19.63 -0.08 0.00	20.91 -0.13 0.00	22.31 -0.13 0.00	27.64 -0.25 0.00	30.06 -0.21 0.00	29.80 -0.30 0.00	29.24 -0.39 0.00	27.46 -0.36 0.00	25.91 -0.39 0.00	25.09 -0.33 0.00	25.03 -0.38 0.00	25.23 -0.36 0.00	26.14 -0.37 0.00	29.55 -0.36 0.00	34.48 -0.28 0.00	36.96 -0.30 0.00	31.32 -0.19 0.00	29.94 -0.39 0.00	24.96 -0.38 0.00	22.64 -0.30 0.00	20.73 0.06 0.00
HAMLTNNY_34_KV_TB 80303	20.98 -0.11 0.00	19.61 -0.04 0.00	19.16 -0.10 0.00	19.59 -0.12 0.00	20.87 -0.17 0.00	22.29 -0.16 0.00	27.59 -0.31 0.00	30.00 -0.27 0.00	29.74 -0.36 0.00	29.18 -0.44 0.00	27.40 -0.42 0.00	25.86 -0.45 0.00	25.02 -0.41 0.00	24.98 -0.43 0.00	25.18 -0.41 0.00	26.06 -0.45 0.00	29.49 -0.42 0.00	34.41 -0.35 0.00	36.93 -0.34 0.00	31.29 -0.22 0.00	29.88 -0.46 0.00	24.91 -0.43 0.00	22.57 -0.37 0.00	20.69 0.02 0.00



HAMPSHIRE___PAPER_HYD 323593	20.89 -0.19 0.00	19.43 -0.22 0.00	19.05 -0.21 0.00	19.57 -0.14 0.00	21.10 0.06 0.00	22.53 0.09 0.00	27.98 0.08 0.00	30.40 0.12 0.00	30.13 0.03 0.00	29.68 0.06 0.00	27.84 0.03 0.00	26.28 -0.03 0.00	25.35 -0.08 0.00	25.34 -0.08 0.00	25.52 -0.08 0.00	26.38 -0.13 0.00	29.58 -0.33 0.00	34.20 -0.56 0.00	36.55 -0.71 0.00	30.91 -0.60 0.00	30.03 -0.30 0.00	25.24 -0.10 0.00	22.77 -0.16 0.00	20.30 -0.37 0.00
HARDSCRABBLE_WT_PWR 323673	20.98 -0.10 0.00	19.57 -0.08 0.00	19.20 -0.06 0.00	19.67 -0.04 0.00	20.99 -0.04 0.00	22.38 -0.07 0.00	27.90 0.00 0.00	30.34 0.06 0.00	30.13 0.03 0.00	29.59 -0.03 0.00	27.87 0.06 0.00	26.39 0.08 0.00	25.52 0.10 0.00	25.54 0.13 0.00	25.69 0.10 0.00	26.62 0.11 0.00	30.00 0.09 0.00	34.86 0.10 0.00	37.26 0.00 0.00	31.48 -0.03 0.00	30.27 -0.06 0.00	25.26 -0.08 0.00	22.91 -0.02 0.00	20.67 0.00 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	21.61 0.53 0.00	20.16 0.51 0.00	19.74 0.48 0.00	20.06 0.35 0.00	21.27 0.23 0.00	22.76 0.31 0.00	28.54 0.64 0.00	31.58 1.30 0.00	31.42 1.32 0.00	30.63 1.01 0.00	28.73 0.92 0.00	27.23 0.92 0.00	26.31 0.89 0.00	26.30 0.89 0.00	26.54 0.95 0.00	27.49 0.98 0.00	31.26 1.35 0.00	36.81 2.05 0.00	39.61 2.35 0.00	33.46 1.95 0.00	31.97 1.64 0.00	26.45 1.11 0.00	24.01 1.08 0.00	21.60 0.93 0.00
HARSNRAD_115KV_TB1 81005	19.61 -1.48 0.00	18.33 -1.32 0.00	17.79 -1.46 0.00	18.25 -1.46 0.00	19.52 -1.51 0.00	21.19 -1.26 0.00	25.27 -2.62 0.00	26.95 -3.33 0.00	26.55 -3.55 0.00	26.07 -3.55 0.00	24.48 -3.34 0.00	23.18 -3.13 0.00	22.55 -2.87 0.00	22.59 -2.82 0.00	22.60 -2.99 0.00	23.36 -3.15 0.00	26.38 -3.53 0.00	30.73 -4.03 0.00	32.60 -4.66 0.00	27.85 -3.65 0.00	26.27 -4.06 0.00	22.02 -3.32 0.00	20.16 -2.77 0.00	19.06 -1.61 0.00
HARZA MOOSE___RIVER 24016	21.17 0.08 0.00	19.75 0.10 0.00	19.32 0.06 0.00	19.77 0.06 0.00	21.16 0.13 0.00	22.60 0.16 0.00	28.20 0.31 0.00	30.91 0.64 0.00	30.61 0.51 0.00	29.95 0.33 0.00	28.07 0.25 0.00	26.47 0.16 0.00	25.55 0.13 0.00	25.54 0.13 0.00	25.75 0.15 0.00	26.72 0.21 0.00	30.24 0.33 0.00	35.21 0.45 0.00	37.67 0.41 0.00	31.82 0.32 0.00	30.58 0.24 0.00	25.52 0.18 0.00	23.05 0.11 0.00	20.77 0.10 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	20.87 -0.21 0.00	19.49 -0.16 0.00	19.07 -0.19 0.00	19.49 -0.22 0.00	20.76 -0.27 0.00	22.15 -0.29 0.00	27.42 -0.47 0.00	29.82 -0.45 0.00	29.56 -0.54 0.00	29.00 -0.62 0.00	27.23 -0.58 0.00	25.73 -0.58 0.00	24.89 -0.53 0.00	24.85 -0.56 0.00	25.05 -0.54 0.00	25.95 -0.56 0.00	29.31 -0.60 0.00	34.17 -0.59 0.00	36.63 -0.63 0.00	31.04 -0.47 0.00	29.70 -0.64 0.00	24.78 -0.56 0.00	22.47 -0.46 0.00	20.59 -0.08 0.00
HELLGATE_13_KV_LD 55870	21.78 0.70 0.00	20.28 0.63 0.00	19.89 0.64 0.00	20.16 0.45 0.00	21.31 0.27 0.00	22.71 0.27 0.00	28.57 0.67 0.00	31.61 1.33 0.00	31.51 1.41 0.00	30.69 1.07 0.00	28.85 1.03 0.00	27.39 1.08 0.00	26.44 1.02 0.00	26.45 1.04 0.00	26.64 1.05 0.00	27.62 1.11 0.00	31.32 1.41 0.00	36.84 2.09 0.00	39.61 2.35 0.00	33.56 2.05 0.00	32.03 1.70 0.00	26.56 1.22 0.00	24.19 1.26 0.00	21.74 1.07 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	21.78 0.70 0.00	20.28 0.63 0.00	19.89 0.64 0.00	20.16 0.45 0.00	21.31 0.27 0.00	22.71 0.27 0.00	28.57 0.67 0.00	31.61 1.33 0.00	31.51 1.41 0.00	30.69 1.07 0.00	28.85 1.03 0.00	27.39 1.08 0.00	26.44 1.02 0.00	26.45 1.04 0.00	26.64 1.05 0.00	27.62 1.11 0.00	31.32 1.41 0.00	36.84 2.09 0.00	39.61 2.35 0.00	33.56 2.05 0.00	32.03 1.70 0.00	26.56 1.22 0.00	24.19 1.26 0.00	21.74 1.07 0.00
HEMPSTEAD___ 23647	22.01 0.93 0.00	20.49 0.84 0.00	20.07 0.81 0.00	20.40 0.69 0.00	21.60 0.57 0.00	23.14 0.70 0.00	29.12 1.23 0.00	31.97 1.69 0.00	31.78 1.68 0.00	31.22 1.60 0.00	30.34 1.61 -0.91	27.78 1.47 0.00	26.92 1.50 0.00	26.89 1.47 0.00	28.67 1.56 -1.52	30.10 1.64 -1.94	32.20 2.03 -0.25	41.36 2.75 -3.86	45.36 3.13 -4.97	39.46 2.61 -5.34	34.16 2.37 -1.46	30.57 1.65 -3.59	26.68 1.60 -2.14	22.57 1.43 -0.47
HEWLETT__69_KV_BK3 55828	22.12 1.03 0.00	20.59 0.94 0.00	20.14 0.89 0.00	20.48 0.77 0.00	21.69 0.65 0.00	23.23 0.79 0.00	29.23 1.34 0.00	32.12 1.85 0.00	31.94 1.84 0.00	31.22 1.60 0.00	31.54 1.59 -2.14	27.99 1.68 0.00	27.02 1.60 0.00	27.01 1.60 0.00	28.78 1.64 -1.55	30.30 1.67 -2.12	32.35 2.09 -0.34	41.54 2.92 -3.86	45.51 3.28 -4.97	39.65 2.80 -5.34	34.25 2.46 -1.46	30.99 1.80 -3.85	27.10 1.67 -2.50	22.66 1.49 -0.50
HICKLING___1 23621	21.25 0.17 0.00	19.87 0.22 0.00	19.35 0.10 0.00	19.79 0.08 0.00	21.10 0.06 0.00	22.73 0.29 0.00	28.06 0.17 0.00	30.58 0.30 0.00	30.34 0.24 0.00	29.68 0.06 0.00	27.84 0.03 0.00	26.23 -0.08 0.00	25.40 -0.03 0.00	25.31 -0.10 0.00	25.49 -0.10 0.00	26.38 -0.13 0.00	29.85 -0.06 0.00	35.00 0.24 0.00	37.52 0.26 0.00	31.92 0.41 0.00	30.27 -0.06 0.00	25.24 -0.10 0.00	22.86 -0.07 0.00	21.00 0.33 0.00
HICKLING___2 23622	21.25 0.17 0.00	19.87 0.22 0.00	19.35 0.10 0.00	19.79 0.08 0.00	21.10 0.06 0.00	22.73 0.29 0.00	28.06 0.17 0.00	30.58 0.30 0.00	30.34 0.24 0.00	29.68 0.06 0.00	27.84 0.03 0.00	26.23 -0.08 0.00	25.40 -0.03 0.00	25.31 -0.10 0.00	25.49 -0.10 0.00	26.38 -0.13 0.00	29.85 -0.06 0.00	35.00 0.24 0.00	37.52 0.26 0.00	31.92 0.41 0.00	30.27 -0.06 0.00	25.24 -0.10 0.00	22.86 -0.07 0.00	21.00 0.33 0.00
HIGH FALLS___HY 23754	21.57 0.48 0.00	20.10 0.45 0.00	19.68 0.42 0.00	20.00 0.30 0.00	21.20 0.17 0.00	22.67 0.22 0.00	28.43 0.53 0.00	31.43 1.15 0.00	31.21 1.11 0.00	30.42 0.80 0.00	28.54 0.72 0.00	27.02 0.71 0.00	25.91 0.48 0.00	25.89 0.48 0.00	26.13 0.54 0.00	27.07 0.56 0.00	30.81 0.90 0.00	36.32 1.56 0.00	39.13 1.86 0.00	33.05 1.54 0.00	31.79 1.46 0.00	26.30 0.96 0.00	23.85 0.92 0.00	21.45 0.79 0.00
HILLBURN___GT 23639	21.61 0.53 0.00	20.16 0.51 0.00	19.74 0.48 0.00	20.04 0.33 0.00	21.25 0.21 0.00	22.71 0.27 0.00	28.56 0.67 0.00	31.55 1.27 0.00	31.39 1.29 0.00	30.60 0.98 0.00	28.73 0.92 0.00	27.18 0.87 0.00	26.34 0.91 0.00	26.33 0.91 0.00	26.51 0.92 0.00	27.52 1.01 0.00	31.22 1.31 0.00	36.70 1.95 0.00	39.50 2.24 0.00	33.33 1.83 0.00	31.94 1.61 0.00	26.40 1.06 0.00	24.01 1.08 0.00	21.62 0.95 0.00
HILLSIDE_115KV_TB1 80332	20.98 -0.11 0.00	19.59 -0.06 0.00	19.10 -0.15 0.00	19.53 -0.18 0.00	20.83 -0.21 0.00	22.42 -0.02 0.00	27.64 -0.25 0.00	30.03 -0.24 0.00	29.89 -0.21 0.00	29.24 -0.39 0.00	27.43 -0.39 0.00	25.89 -0.42 0.00	25.07 -0.36 0.00	25.01 -0.41 0.00	25.16 -0.44 0.00	26.03 -0.48 0.00	29.49 -0.42 0.00	34.52 -0.24 0.00	36.96 -0.30 0.00	31.44 -0.06 0.00	29.88 -0.46 0.00	24.96 -0.38 0.00	22.61 -0.32 0.00	20.77 0.10 0.00



HISHELDN_WT_PWR 323625	19.73 -1.35 0.00	18.41 -1.24 0.00	17.85 -1.41 0.00	18.31 -1.40 0.00	19.60 -1.43 0.00	21.30 -1.14 0.00	25.50 -2.40 0.00	27.04 -3.24 0.00	26.70 -3.40 0.00	26.33 -3.29 0.00	24.76 -3.06 0.00	23.92 -2.39 0.00	22.80 -2.62 0.00	22.85 -2.57 0.00	23.01 -2.58 0.00	23.57 -2.94 0.00	26.74 -3.17 0.00	31.28 -3.48 0.00	32.86 -4.40 0.00	28.48 -3.02 0.00	26.39 -3.94 0.00	22.40 -2.94 0.00	20.30 -2.64 0.00	19.01 -1.65 0.00
HOLTSVILLE_IC_1 23690	22.12 1.03 0.00	20.57 0.92 0.00	20.18 0.92 0.00	20.50 0.79 0.00	21.67 0.63 0.00	23.23 0.79 0.00	29.09 1.20 0.00	31.79 1.51 0.00	31.57 1.47 0.00	30.92 1.30 0.00	29.45 1.47 -0.16	27.70 1.39 0.00	26.90 1.47 0.00	26.83 1.42 0.00	28.61 1.51 -1.50	30.00 1.62 -1.87	32.10 1.97 -0.22	41.50 2.88 -3.86	45.47 3.24 -4.97	39.43 2.58 -5.34	34.16 2.37 -1.46	30.46 1.65 -3.48	26.51 1.58 -2.00	22.55 1.43 -0.46
HOLTSVILLE_IC_10 23699	22.20 1.12 0.00	20.65 1.00 0.00	20.26 1.00 0.00	20.57 0.87 0.00	21.75 0.72 0.00	23.32 0.87 0.00	29.23 1.34 0.00	31.94 1.66 0.00	31.69 1.59 0.00	31.07 1.45 0.00	29.58 1.58 -0.18	27.83 1.53 0.00	27.03 1.60 0.00	26.96 1.55 0.00	28.74 1.64 -1.50	30.13 1.75 -1.87	32.28 2.15 -0.22	41.75 3.13 -3.86	45.73 3.50 -4.97	39.65 2.80 -5.34	34.34 2.55 -1.46	30.59 1.77 -3.48	26.61 1.67 -2.00	22.66 1.53 -0.46
HOLTSVILLE_IC_2 23691	22.12 1.03 0.00	20.57 0.92 0.00	20.18 0.92 0.00	20.50 0.79 0.00	21.67 0.63 0.00	23.23 0.79 0.00	29.09 1.20 0.00	31.79 1.51 0.00	31.57 1.47 0.00	30.92 1.30 0.00	29.45 1.47 -0.16	27.70 1.39 0.00	26.90 1.47 0.00	26.83 1.42 0.00	28.61 1.51 -1.50	30.00 1.62 -1.87	32.10 1.97 -0.22	41.50 2.88 -3.86	45.47 3.24 -4.97	39.43 2.58 -5.34	34.16 2.37 -1.46	30.46 1.65 -3.48	26.51 1.58 -2.00	22.55 1.43 -0.46
HOLTSVILLE_IC_3 23692	22.12 1.03 0.00	20.57 0.92 0.00	20.18 0.92 0.00	20.50 0.79 0.00	21.67 0.63 0.00	23.23 0.79 0.00	29.09 1.20 0.00	31.79 1.51 0.00	31.57 1.47 0.00	30.92 1.30 0.00	29.45 1.47 -0.16	27.70 1.39 0.00	26.90 1.47 0.00	26.83 1.42 0.00	28.61 1.51 -1.50	30.00 1.62 -1.87	32.10 1.97 -0.22	41.50 2.88 -3.86	45.47 3.24 -4.97	39.43 2.58 -5.34	34.16 2.37 -1.46	30.46 1.65 -3.48	26.51 1.58 -2.00	22.55 1.43 -0.46
HOLTSVILLE_IC_4 23693	22.12 1.03 0.00	20.57 0.92 0.00	20.18 0.92 0.00	20.50 0.79 0.00	21.67 0.63 0.00	23.23 0.79 0.00	29.09 1.20 0.00	31.79 1.51 0.00	31.57 1.47 0.00	30.92 1.30 0.00	29.45 1.47 -0.16	27.70 1.39 0.00	26.90 1.47 0.00	26.83 1.42 0.00	28.61 1.51 -1.50	30.00 1.62 -1.87	32.10 1.97 -0.22	41.50 2.88 -3.86	45.47 3.24 -4.97	39.43 2.58 -5.34	34.16 2.37 -1.46	30.46 1.65 -3.48	26.51 1.58 -2.00	22.55 1.43 -0.46
HOLTSVILLE_IC_5 23694	22.12 1.03 0.00	20.57 0.92 0.00	20.18 0.92 0.00	20.50 0.79 0.00	21.67 0.63 0.00	23.23 0.79 0.00	29.09 1.20 0.00	31.79 1.51 0.00	31.57 1.47 0.00	30.92 1.30 0.00	29.45 1.47 -0.16	27.70 1.39 0.00	26.90 1.47 0.00	26.83 1.42 0.00	28.61 1.51 -1.50	30.00 1.62 -1.87	32.10 1.97 -0.22	41.50 2.88 -3.86	45.47 3.24 -4.97	39.43 2.58 -5.34	34.16 2.37 -1.46	30.46 1.65 -3.48	26.51 1.58 -2.00	22.55 1.43 -0.46
HOLTSVILLE_IC_6 23695	22.20 1.12 0.00	20.65 1.00 0.00	20.26 1.00 0.00	20.57 0.87 0.00	21.75 0.72 0.00	23.32 0.87 0.00	29.23 1.34 0.00	31.94 1.66 0.00	31.69 1.59 0.00	31.07 1.45 0.00	29.58 1.58 -0.18	27.83 1.53 0.00	27.03 1.60 0.00	26.96 1.55 0.00	28.74 1.64 -1.50	30.13 1.75 -1.87	32.28 2.15 -0.22	41.75 3.13 -3.86	45.73 3.50 -4.97	39.65 2.80 -5.34	34.34 2.55 -1.46	30.59 1.77 -3.48	26.61 1.67 -2.00	22.66 1.53 -0.46
HOLTSVILLE_IC_7 23696	22.20 1.12 0.00	20.65 1.00 0.00	20.26 1.00 0.00	20.57 0.87 0.00	21.75 0.72 0.00	23.32 0.87 0.00	29.23 1.34 0.00	31.94 1.66 0.00	31.69 1.59 0.00	31.07 1.45 0.00	29.58 1.58 -0.18	27.83 1.53 0.00	27.03 1.60 0.00	26.96 1.55 0.00	28.74 1.64 -1.50	30.13 1.75 -1.87	32.28 2.15 -0.22	41.75 3.13 -3.86	45.73 3.50 -4.97	39.65 2.80 -5.34	34.34 2.55 -1.46	30.59 1.77 -3.48	26.61 1.67 -2.00	22.66 1.53 -0.46
HOLTSVILLE_IC_8 23697	22.20 1.12 0.00	20.65 1.00 0.00	20.26 1.00 0.00	20.57 0.87 0.00	21.75 0.72 0.00	23.32 0.87 0.00	29.23 1.34 0.00	31.94 1.66 0.00	31.69 1.59 0.00	31.07 1.45 0.00	29.58 1.58 -0.18	27.83 1.53 0.00	27.03 1.60 0.00	26.96 1.55 0.00	28.74 1.64 -1.50	30.13 1.75 -1.87	32.28 2.15 -0.22	41.75 3.13 -3.86	45.73 3.50 -4.97	39.65 2.80 -5.34	34.34 2.55 -1.46	30.59 1.77 -3.48	26.61 1.67 -2.00	22.66 1.53 -0.46
HOLTSVILLE_IC_9 23698	22.20 1.12 0.00	20.65 1.00 0.00	20.26 1.00 0.00	20.57 0.87 0.00	21.75 0.72 0.00	23.32 0.87 0.00	29.23 1.34 0.00	31.94 1.66 0.00	31.69 1.59 0.00	31.07 1.45 0.00	29.58 1.58 -0.18	27.83 1.53 0.00	27.03 1.60 0.00	26.96 1.55 0.00	28.74 1.64 -1.50	30.13 1.75 -1.87	32.28 2.15 -0.22	41.75 3.13 -3.86	45.73 3.50 -4.97	39.65 2.80 -5.34	34.34 2.55 -1.46	30.59 1.77 -3.48	26.61 1.67 -2.00	22.66 1.53 -0.46
HOMER_HL_115KV_TB2 355744	20.39 -0.70 0.00	19.08 -0.57 0.00	18.53 -0.73 0.00	18.96 -0.75 0.00	20.28 -0.76 0.00	22.04 -0.40 0.00	26.67 -1.23 0.00	28.19 -2.09 0.00	27.87 -2.23 0.00	27.37 -2.25 0.00	25.67 -2.14 0.00	24.31 -2.00 0.00	23.59 -1.83 0.00	23.58 -1.83 0.00	23.57 -2.02 0.00	24.34 -2.17 0.00	27.58 -2.33 0.00	32.29 -2.47 0.00	34.21 -3.06 0.00	29.24 -2.27 0.00	27.54 -2.79 0.00	23.21 -2.13 0.00	21.17 -1.77 0.00	19.99 -0.68 0.00
HOWARD_WT_PWR 323690	21.42 0.34 0.00	19.98 0.33 0.00	19.47 0.21 0.00	19.90 0.20 0.00	21.20 0.17 0.00	22.89 0.45 0.00	28.31 0.42 0.00	30.70 0.42 0.00	30.43 0.33 0.00	29.77 0.15 0.00	27.90 0.08 0.00	26.36 0.05 0.00	25.40 -0.03 0.00	25.31 -0.10 0.00	25.49 -0.10 0.00	26.30 -0.21 0.00	29.79 -0.12 0.00	34.93 0.17 0.00	37.41 0.15 0.00	31.95 0.44 0.00	30.12 -0.21 0.00	25.14 -0.20 0.00	22.70 -0.23 0.00	20.83 0.16 0.00
HQ_GEN_CEDARS 23644	21.17 0.08 0.00	19.67 0.02 0.00	19.30 0.04 0.00	19.88 0.18 0.00	21.50 0.46 0.00	22.98 0.54 0.00	28.31 0.42 0.00	30.40 0.12 0.00	30.28 0.18 0.00	30.10 0.47 0.00	28.29 0.47 0.00	26.70 0.39 0.00	25.78 0.36 0.00	25.77 0.36 0.00	25.92 0.33 0.00	26.83 0.32 0.00	30.00 0.09 0.00	34.41 -0.35 0.00	36.74 -0.52 0.00	31.00 -0.50 0.00	30.21 -0.12 0.00	25.44 0.10 0.00	23.05 0.11 0.00	20.34 -0.33 0.00
HQ_GEN_CEDARS_PROXY 323590	21.17 0.08 0.00	19.67 0.02 0.00	19.30 0.04 0.00	19.88 0.18 0.00	21.50 0.46 0.00	22.98 0.54 0.00	28.31 0.42 0.00	30.40 0.12 0.00	30.28 0.18 0.00	30.09 0.47 0.00	28.29 0.47 0.00	26.70 0.40 0.00	25.78 0.36 0.00	25.77 0.36 0.00	25.92 0.33 0.00	26.83 0.32 0.00	30.00 0.09 0.00	34.41 -0.35 0.00	36.74 -0.52 0.00	31.00 -0.51 0.00	30.04 -0.12 0.17	25.62 0.10 -0.17	23.03 0.09 0.00	20.34 -0.33 0.00



HQ_GEN_IMPORT 323601	21.04 -0.04 0.00	19.55 -0.10 0.00	19.20 -0.06 0.00	19.73 0.02 0.00	21.18 0.15 0.00	22.60 0.16 0.00	28.15 0.14 -0.12	30.04 -0.12 0.12	30.04 -0.06 0.00	29.77 0.15 0.00	27.98 0.17 0.00	26.44 0.13 0.00	25.55 0.13 0.00	25.54 0.13 0.00	25.69 0.10 0.00	26.62 0.11 0.00	30.01 0.00 -0.10	34.28 -0.38 0.10	36.82 -0.45 0.00	31.10 -0.41 0.00	30.01 -0.15 0.17	25.51 0.00 -0.17	22.86 -0.07 0.00	20.38 -0.29 0.00
HQ_GEN_WHEEL 23651	21.04 -0.04 0.00	19.55 -0.10 0.00	19.20 -0.06 0.00	19.73 0.02 0.00	21.18 0.15 0.00	22.60 0.16 0.00	28.15 0.14 -0.12	30.04 -0.12 0.12	30.04 -0.06 0.00	29.77 0.15 0.00	27.98 0.17 0.00	26.44 0.13 0.00	25.55 0.13 0.00	25.54 0.13 0.00	25.69 0.10 0.00	26.62 0.11 0.00	30.01 0.00 -0.10	34.28 -0.38 0.10	36.82 -0.45 0.00	31.10 -0.41 0.00	30.01 -0.15 0.17	25.51 0.00 -0.17	22.86 -0.07 0.00	20.38 -0.29 0.00
HUDSON AVE_GT_3 23810	21.67 0.59 0.00	20.20 0.55 0.00	19.78 0.52 0.00	20.08 0.37 0.00	21.23 0.19 0.00	22.71 0.27 0.00	28.62 0.73 0.00	31.70 1.42 0.00	31.58 1.47 0.00	30.78 1.16 0.00	28.93 1.11 0.00	27.44 1.13 0.00	26.52 1.09 0.00	26.50 1.09 0.00	26.72 1.13 0.00	27.68 1.17 0.00	31.38 1.47 0.00	36.91 2.16 0.00	39.72 2.46 0.00	33.62 2.11 0.00	32.13 1.79 0.00	26.61 1.27 0.00	24.15 1.22 0.00	21.68 1.01 0.00
HUDSON AVE_GT_4 23540	21.67 0.59 0.00	20.20 0.55 0.00	19.78 0.52 0.00	20.08 0.37 0.00	21.23 0.19 0.00	22.71 0.27 0.00	28.62 0.73 0.00	31.70 1.42 0.00	31.58 1.47 0.00	30.78 1.16 0.00	28.93 1.11 0.00	27.44 1.13 0.00	26.52 1.09 0.00	26.50 1.09 0.00	26.72 1.13 0.00	27.68 1.17 0.00	31.38 1.47 0.00	36.91 2.16 0.00	39.72 2.46 0.00	33.62 2.11 0.00	32.13 1.79 0.00	26.61 1.27 0.00	24.15 1.22 0.00	21.68 1.01 0.00
HUDSON AVE_GT_5 23657	21.67 0.59 0.00	20.20 0.55 0.00	19.78 0.52 0.00	20.08 0.37 0.00	21.23 0.19 0.00	22.71 0.27 0.00	28.62 0.73 0.00	31.70 1.42 0.00	31.58 1.47 0.00	30.78 1.16 0.00	28.93 1.11 0.00	27.44 1.13 0.00	26.52 1.09 0.00	26.50 1.09 0.00	26.72 1.13 0.00	27.68 1.17 0.00	31.38 1.47 0.00	36.91 2.16 0.00	39.72 2.46 0.00	33.62 2.11 0.00	32.13 1.79 0.00	26.61 1.27 0.00	24.15 1.22 0.00	21.68 1.01 0.00
HUDSON_AVE_10 24168	21.61 0.53 0.00	20.12 0.47 0.00	19.72 0.46 0.00	20.02 0.32 0.00	21.16 0.13 0.00	22.67 0.22 0.00	28.57 0.67 0.00	31.64 1.36 0.00	31.54 1.44 0.00	30.75 1.13 0.00	28.87 1.06 0.00	27.41 1.10 0.00	26.49 1.07 0.00	26.48 1.07 0.00	26.69 1.10 0.00	27.65 1.14 0.00	31.35 1.44 0.00	36.88 2.12 0.00	39.68 2.42 0.00	33.59 2.08 0.00	32.09 1.76 0.00	26.58 1.24 0.00	24.13 1.19 0.00	21.64 0.97 0.00
HUDSON___115KV_TB 4 355613	21.86 0.78 0.00	20.46 0.81 0.00	20.03 0.77 0.00	20.42 0.71 0.00	21.71 0.67 0.00	23.18 0.74 0.00	28.84 0.95 0.00	31.58 1.30 0.00	31.30 1.20 0.00	30.54 0.92 0.00	28.57 0.75 0.00	27.05 0.74 0.00	26.16 0.74 0.00	26.15 0.74 0.00	26.36 0.77 0.00	27.33 0.82 0.00	31.02 1.11 0.00	36.53 1.77 0.00	39.27 2.01 0.00	33.15 1.64 0.00	31.76 1.43 0.00	26.33 0.99 0.00	23.87 0.94 0.00	21.56 0.89 0.00
HUNTER MOUNT___DRP 323613	21.97 0.89 0.00	20.55 0.90 0.00	20.12 0.87 0.00	20.52 0.81 0.00	21.86 0.82 0.00	23.32 0.88 0.00	28.96 1.06 0.00	31.64 1.36 0.00	31.33 1.23 0.00	30.57 0.95 0.00	28.54 0.72 0.00	26.99 0.68 0.00	26.11 0.69 0.00	26.12 0.71 0.00	26.31 0.72 0.00	27.31 0.80 0.00	30.99 1.08 0.00	36.57 1.81 0.00	39.31 2.05 0.00	33.15 1.64 0.00	31.73 1.40 0.00	26.28 0.94 0.00	23.85 0.92 0.00	21.54 0.87 0.00
HUNTINGTON_RES_REC 323705	22.14 1.05 0.00	20.59 0.94 0.00	20.18 0.92 0.00	20.50 0.79 0.00	21.71 0.67 0.00	23.25 0.81 0.00	29.23 1.34 0.00	32.03 1.76 0.00	31.81 1.71 0.00	31.13 1.51 0.00	29.64 1.64 -0.18	27.89 1.58 0.00	27.07 1.65 0.00	27.01 1.60 0.00	28.81 1.71 -1.50	30.19 1.80 -1.87	32.37 2.24 -0.22	41.75 3.13 -3.86	45.73 3.50 -4.97	39.65 2.80 -5.34	34.31 2.52 -1.46	30.62 1.80 -3.48	26.63 1.70 -2.00	22.66 1.53 -0.46
HUNTLEY___63 23557	19.69 -1.39 0.00	18.43 -1.22 0.00	17.89 -1.37 0.00	18.33 -1.38 0.00	19.63 -1.41 0.00	21.32 -1.12 0.00	25.44 -2.45 0.00	27.04 -3.24 0.00	26.67 -3.43 0.00	26.19 -3.44 0.00	24.62 -3.20 0.00	23.31 -3.00 0.00	22.68 -2.75 0.00	22.72 -2.69 0.00	22.73 -2.87 0.00	23.46 -3.05 0.00	26.59 -3.32 0.00	30.97 -3.79 0.00	32.83 -4.43 0.00	28.04 -3.47 0.00	26.45 -3.88 0.00	22.17 -3.17 0.00	20.27 -2.66 0.00	19.16 -1.51 0.00
HUNTLEY___64 23558	19.69 -1.39 0.00	18.43 -1.22 0.00	17.89 -1.37 0.00	18.33 -1.38 0.00	19.63 -1.41 0.00	21.32 -1.12 0.00	25.44 -2.45 0.00	27.04 -3.24 0.00	26.67 -3.43 0.00	26.19 -3.44 0.00	24.62 -3.20 0.00	23.31 -3.00 0.00	22.68 -2.75 0.00	22.72 -2.69 0.00	22.73 -2.87 0.00	23.46 -3.05 0.00	26.59 -3.32 0.00	30.97 -3.79 0.00	32.83 -4.43 0.00	28.04 -3.47 0.00	26.45 -3.88 0.00	22.17 -3.17 0.00	20.27 -2.66 0.00	19.16 -1.51 0.00
HUNTLEY___65 23559	19.69 -1.39 0.00	18.43 -1.22 0.00	17.89 -1.37 0.00	18.33 -1.38 0.00	19.63 -1.41 0.00	21.32 -1.12 0.00	25.44 -2.45 0.00	27.04 -3.24 0.00	26.67 -3.43 0.00	26.19 -3.44 0.00	24.62 -3.20 0.00	23.31 -3.00 0.00	22.68 -2.75 0.00	22.72 -2.69 0.00	22.73 -2.87 0.00	23.46 -3.05 0.00	26.59 -3.32 0.00	30.97 -3.79 0.00	32.83 -4.43 0.00	28.04 -3.47 0.00	26.45 -3.88 0.00	22.17 -3.17 0.00	20.27 -2.66 0.00	19.16 -1.51 0.00
HUNTLEY___66 23560	19.69 -1.39 0.00	18.43 -1.22 0.00	17.89 -1.37 0.00	18.33 -1.38 0.00	19.63 -1.41 0.00	21.32 -1.12 0.00	25.44 -2.45 0.00	27.04 -3.24 0.00	26.67 -3.43 0.00	26.19 -3.44 0.00	24.62 -3.20 0.00	23.31 -3.00 0.00	22.68 -2.75 0.00	22.72 -2.69 0.00	22.73 -2.87 0.00	23.46 -3.05 0.00	26.59 -3.32 0.00	30.97 -3.79 0.00	32.83 -4.43 0.00	28.04 -3.47 0.00	26.45 -3.88 0.00	22.17 -3.17 0.00	20.27 -2.66 0.00	19.16 -1.51 0.00
HUNTLEY___67 23561	19.71 -1.37 0.00	18.43 -1.22 0.00	17.89 -1.37 0.00	18.35 -1.36 0.00	19.63 -1.41 0.00	21.32 -1.12 0.00	25.47 -2.43 0.00	27.01 -3.27 0.00	26.64 -3.46 0.00	26.19 -3.44 0.00	24.62 -3.20 0.00	23.31 -3.00 0.00	22.70 -2.72 0.00	22.72 -2.69 0.00	22.73 -2.87 0.00	23.46 -3.05 0.00	26.59 -3.32 0.00	30.97 -3.79 0.00	32.83 -4.43 0.00	28.04 -3.47 0.00	26.45 -3.88 0.00	22.20 -3.14 0.00	20.32 -2.61 0.00	19.18 -1.49 0.00
HUNTLEY___68 23562	19.71 -1.37 0.00	18.43 -1.22 0.00	17.89 -1.37 0.00	18.35 -1.36 0.00	19.63 -1.41 0.00	21.32 -1.12 0.00	25.47 -2.43 0.00	27.01 -3.27 0.00	26.64 -3.46 0.00	26.19 -3.44 0.00	24.62 -3.20 0.00	23.31 -3.00 0.00	22.70 -2.72 0.00	22.72 -2.69 0.00	22.73 -2.87 0.00	23.46 -3.05 0.00	26.59 -3.32 0.00	30.97 -3.79 0.00	32.83 -4.43 0.00	28.04 -3.47 0.00	26.45 -3.88 0.00	22.20 -3.14 0.00	20.32 -2.61 0.00	19.18 -1.49 0.00



HYLAND___LFGE 323620	21.48 0.40 0.00	20.06 0.41 0.00	19.51 0.25 0.00	19.98 0.28 0.00	21.35 0.32 0.00	23.03 0.58 0.00	28.34 0.44 0.00	30.52 0.24 0.00	29.59 -0.51 0.00	28.56 -1.07 0.00	26.70 -1.11 0.00	25.36 -0.95 0.00	24.38 -1.04 0.00	24.29 -1.12 0.00	24.52 -1.07 0.00	25.37 -1.14 0.00	28.89 -1.02 0.00	34.10 -0.66 0.00	37.04 -0.22 0.00	32.04 0.54 0.00	30.24 -0.09 0.00	25.29 -0.05 0.00	22.77 -0.16 0.00	20.94 0.27 0.00
INDECK___CORINTH 23802	21.61 0.53 0.00	20.20 0.55 0.00	19.78 0.52 0.00	20.18 0.47 0.00	21.48 0.44 0.00	22.96 0.52 0.00	28.68 0.78 0.00	31.36 1.09 0.00	31.24 1.14 0.00	30.51 0.89 0.00	28.57 0.75 0.00	26.97 0.66 0.00	26.13 0.71 0.00	26.12 0.71 0.00	26.26 0.66 0.00	27.31 0.79 0.00	30.90 0.99 0.00	36.43 1.67 0.00	39.12 1.86 0.00	32.96 1.45 0.00	31.61 1.27 0.00	26.17 0.83 0.00	23.67 0.73 0.00	21.35 0.68 0.00
INDECK___ILION 23567	21.17 0.08 0.00	19.75 0.10 0.00	19.35 0.10 0.00	19.79 0.08 0.00	21.10 0.06 0.00	22.51 0.07 0.00	28.04 0.14 0.00	30.52 0.24 0.00	30.31 0.21 0.00	29.77 0.15 0.00	27.96 0.14 0.00	26.47 0.16 0.00	25.58 0.15 0.00	25.56 0.15 0.00	25.75 0.15 0.00	26.70 0.19 0.00	30.15 0.24 0.00	35.14 0.38 0.00	37.63 0.37 0.00	31.82 0.32 0.00	30.55 0.21 0.00	25.49 0.15 0.00	23.07 0.14 0.00	20.83 0.17 0.00
INDECK___OLEAN 23982	20.43 -0.65 0.00	19.08 -0.57 0.00	18.53 -0.73 0.00	18.96 -0.75 0.00	20.28 -0.76 0.00	22.04 -0.40 0.00	26.67 -1.23 0.00	28.19 -2.09 0.00	27.87 -2.23 0.00	27.43 -2.19 0.00	25.68 -2.14 0.00	24.65 -1.66 0.00	23.57 -1.85 0.00	23.58 -1.83 0.00	23.70 -1.89 0.00	24.34 -2.17 0.00	27.58 -2.33 0.00	32.36 -2.40 0.00	34.17 -3.09 0.00	29.55 -1.95 0.00	27.55 -2.79 0.00	23.39 -1.95 0.00	21.24 -1.70 0.00	19.99 -0.68 0.00
INDECK___OSWEGO 23783	20.72 -0.36 0.00	19.36 -0.29 0.00	18.93 -0.33 0.00	19.35 -0.35 0.00	20.62 -0.42 0.00	21.95 -0.49 0.00	27.20 -2.43 0.00	29.58 -2.70 0.00	29.38 -0.72 0.00	28.79 -0.83 0.00	27.01 -0.81 0.00	25.57 -0.74 0.00	24.68 -0.74 0.00	24.65 -0.76 0.00	24.85 -0.74 0.00	25.72 -0.79 0.00	29.07 -0.84 0.00	33.96 -0.80 0.00	36.41 -0.86 0.00	30.91 -0.60 0.00	29.52 -0.82 0.00	24.66 -0.68 0.00	22.34 -0.60 0.00	20.44 -0.23 0.00
INDECK___YERKES 23781	19.73 -1.35 0.00	18.45 -1.20 0.00	17.91 -1.35 0.00	18.35 -1.36 0.00	19.65 -1.39 0.00	21.34 -1.10 0.00	25.47 -2.43 0.00	27.04 -3.24 0.00	26.70 -3.40 0.00	26.31 -3.32 0.00	24.70 -3.11 0.00	23.84 -2.47 0.00	22.70 -2.72 0.00	22.74 -2.67 0.00	22.93 -2.66 0.00	23.49 -3.02 0.00	26.62 -3.29 0.00	31.21 -3.55 0.00	32.86 -4.40 0.00	28.58 -2.93 0.00	26.48 -3.85 0.00	22.55 -2.79 0.00	20.46 -2.48 0.00	19.18 -1.49 0.00
INDIAN POINT_GT_1 24139	21.61 0.53 0.00	20.16 0.51 0.00	19.74 0.48 0.00	20.06 0.35 0.00	21.23 0.19 0.00	22.71 0.27 0.00	28.54 0.64 0.00	31.55 1.27 0.00	31.42 1.32 0.00	30.63 1.01 0.00	28.76 0.95 0.00	27.28 0.97 0.00	26.36 0.94 0.00	26.35 0.94 0.00	26.56 0.97 0.00	27.52 1.01 0.00	31.23 1.32 0.00	36.74 1.98 0.00	39.54 2.27 0.00	33.43 1.92 0.00	31.97 1.64 0.00	26.48 1.14 0.00	24.03 1.10 0.00	21.62 0.95 0.00
INDIAN POINT_GT_2 23659	21.61 0.53 0.00	20.16 0.51 0.00	19.74 0.48 0.00	20.06 0.35 0.00	21.23 0.19 0.00	22.71 0.27 0.00	28.54 0.64 0.00	31.55 1.27 0.00	31.42 1.32 0.00	30.63 1.01 0.00	28.76 0.95 0.00	27.28 0.97 0.00	26.36 0.94 0.00	26.35 0.94 0.00	26.56 0.97 0.00	27.52 1.01 0.00	31.23 1.32 0.00	36.74 1.98 0.00	39.54 2.27 0.00	33.43 1.92 0.00	31.97 1.64 0.00	26.48 1.14 0.00	24.03 1.10 0.00	21.62 0.95 0.00
INDIAN POINT_GT_3 24019	21.61 0.53 0.00	20.16 0.51 0.00	19.74 0.48 0.00	20.06 0.35 0.00	21.23 0.19 0.00	22.71 0.27 0.00	28.54 0.64 0.00	31.55 1.27 0.00	31.42 1.32 0.00	30.63 1.01 0.00	28.76 0.95 0.00	27.28 0.97 0.00	26.36 0.94 0.00	26.35 0.94 0.00	26.56 0.97 0.00	27.52 1.01 0.00	31.23 1.32 0.00	36.74 1.98 0.00	39.54 2.27 0.00	33.43 1.92 0.00	31.97 1.64 0.00	26.48 1.14 0.00	24.03 1.10 0.00	21.62 0.95 0.00
INDIAN POINT___2 23530	21.59 0.51 0.00	20.14 0.49 0.00	19.72 0.46 0.00	20.04 0.33 0.00	21.22 0.19 0.00	22.69 0.25 0.00	28.54 0.64 0.00	31.52 1.24 0.00	31.39 1.29 0.00	30.57 0.95 0.00	28.73 0.92 0.00	27.18 0.87 0.00	26.34 0.91 0.00	26.33 0.91 0.00	26.51 0.92 0.00	27.49 0.98 0.00	31.19 1.29 0.00	36.64 1.88 0.00	39.46 2.20 0.00	33.30 1.80 0.00	31.94 1.61 0.00	26.38 1.04 0.00	23.99 1.06 0.00	21.60 0.93 0.00
INDIAN POINT___3 23531	21.61 0.53 0.00	20.14 0.49 0.00	19.74 0.48 0.00	20.06 0.35 0.00	21.23 0.19 0.00	22.71 0.27 0.00	28.54 0.64 0.00	31.52 1.24 0.00	31.39 1.29 0.00	30.60 0.98 0.00	28.76 0.95 0.00	27.28 0.97 0.00	26.34 0.92 0.00	26.33 0.91 0.00	26.54 0.95 0.00	27.52 1.01 0.00	31.20 1.29 0.00	36.71 1.95 0.00	39.50 2.24 0.00	33.40 1.89 0.00	31.94 1.61 0.00	26.48 1.14 0.00	24.01 1.08 0.00	21.60 0.93 0.00
INGHAM_C_115KV_TB7 356103	21.06 -0.02 0.00	19.65 0.00 0.00	19.26 0.00 0.00	19.73 0.02 0.00	21.04 0.00 0.00	22.44 0.00 0.00	27.95 0.06 0.00	30.40 0.12 0.00	30.19 0.09 0.00	29.62 0.00 0.00	27.87 0.06 0.00	26.41 0.11 0.00	25.52 0.10 0.00	25.54 0.13 0.00	25.69 0.10 0.00	26.62 0.11 0.00	30.03 0.12 0.00	34.97 0.21 0.00	37.37 0.11 0.00	31.60 0.09 0.00	30.37 0.03 0.00	25.37 0.03 0.00	22.98 0.05 0.00	20.75 0.08 0.00
IP CORINTH___1 23988	21.61 0.53 0.00	20.20 0.55 0.00	19.78 0.52 0.00	20.18 0.47 0.00	21.48 0.44 0.00	22.96 0.52 0.00	28.68 0.78 0.00	31.37 1.09 0.00	31.24 1.14 0.00	30.51 0.89 0.00	28.60 0.78 0.00	27.05 0.74 0.00	26.13 0.71 0.00	26.12 0.71 0.00	26.26 0.67 0.00	27.31 0.80 0.00	30.90 0.99 0.00	36.43 1.67 0.00	39.09 1.83 0.00	32.99 1.48 0.00	31.61 1.27 0.00	26.20 0.86 0.00	23.67 0.73 0.00	21.35 0.68 0.00
IP___TICONDEROGA 23804	22.18 1.10 0.00	20.77 1.12 0.00	20.32 1.06 0.00	20.75 1.04 0.00	22.11 1.07 0.00	23.68 1.23 0.00	29.57 1.67 0.00	32.33 2.06 0.00	32.36 2.26 0.00	31.58 1.96 0.00	29.51 1.70 0.00	27.89 1.58 0.00	26.92 1.50 0.00	26.86 1.45 0.00	26.97 1.38 0.00	28.26 1.75 0.00	31.94 2.03 0.00	37.78 3.02 0.00	40.47 3.20 0.00	34.06 2.55 0.00	32.70 2.37 0.00	27.01 1.67 0.00	24.26 1.33 0.00	21.89 1.22 0.00
ISLIP_RES_REC 323679	22.28 1.20 0.00	20.71 1.06 0.00	20.32 1.06 0.00	20.65 0.95 0.00	21.83 0.80 0.00	23.43 0.99 0.00	29.37 1.48 0.00	32.06 1.79 0.00	31.85 1.75 0.00	31.19 1.57 0.00	29.67 1.67 -0.19	27.94 1.63 0.00	27.13 1.70 0.00	27.06 1.65 0.00	28.86 1.76 -1.50	30.24 1.86 -1.87	32.43 2.30 -0.22	41.95 3.34 -3.86	45.96 3.73 -4.97	39.84 2.99 -5.34	34.49 2.70 -1.46	30.70 1.88 -3.48	26.70 1.77 -2.01	22.76 1.63 -0.46



JAMAICA__27_KV_LOAD 355505	21.65 0.57 0.00	20.16 0.51 0.00	19.76 0.50 0.00	20.06 0.35 0.00	21.20 0.17 0.00	22.73 0.29 0.00	28.73 0.84 0.00	31.88 1.60 0.00	31.79 1.69 0.00	30.96 1.33 0.00	29.07 1.25 0.00	27.60 1.29 0.00	26.67 1.25 0.00	26.68 1.27 0.00	26.87 1.28 0.00	27.86 1.35 0.00	31.58 1.67 0.00	37.19 2.43 0.00	40.02 2.76 0.00	33.90 2.39 0.00	32.37 2.03 0.00	26.78 1.44 0.00	24.29 1.35 0.00	21.72 1.05 0.00
JANIS__SOLAR 323808	22.01 0.93 0.00	20.57 0.92 0.00	20.05 0.79 0.00	20.52 0.81 0.00	21.90 0.86 0.00	23.45 1.01 0.00	29.18 1.28 0.00	31.79 1.51 0.00	31.21 1.11 0.00	30.39 0.77 0.00	28.29 0.47 0.00	26.60 0.29 0.00	25.60 0.18 0.00	25.59 0.18 0.00	25.87 0.28 0.00	26.88 0.37 0.00	30.63 0.72 0.00	36.15 1.39 0.00	38.79 1.53 0.00	33.02 1.51 0.00	31.34 1.00 0.00	26.10 0.76 0.00	23.55 0.62 0.00	21.50 0.83 0.00
JARVIS____ 23743	21.15 0.06 0.00	19.73 0.08 0.00	19.34 0.08 0.00	19.75 0.04 0.00	21.04 0.00 0.00	22.44 0.00 0.00	27.95 0.06 0.00	30.46 0.18 0.00	30.25 0.15 0.00	29.71 0.09 0.00	27.87 0.06 0.00	26.36 0.05 0.00	25.50 0.08 0.00	25.49 0.08 0.00	25.67 0.08 0.00	26.59 0.08 0.00	30.06 0.15 0.00	35.07 0.31 0.00	37.60 0.33 0.00	31.76 0.25 0.00	30.52 0.18 0.00	25.44 0.10 0.00	23.05 0.12 0.00	20.81 0.15 0.00
JENNISON____1 23625	22.14 1.05 0.00	20.69 1.04 0.00	20.18 0.92 0.00	20.61 0.91 0.00	22.00 0.97 0.00	23.59 1.14 0.00	29.43 1.53 0.00	32.15 1.88 0.00	31.70 1.60 0.00	30.96 1.33 0.00	28.93 1.11 0.00	27.15 0.84 0.00	26.19 0.76 0.00	26.17 0.76 0.00	26.41 0.82 0.00	27.41 0.90 0.00	31.17 1.26 0.00	36.67 1.91 0.00	39.24 1.97 0.00	33.24 1.73 0.00	31.64 1.30 0.00	26.30 0.96 0.00	23.76 0.83 0.00	21.66 0.99 0.00
JENNISON____2 23626	22.14 1.05 0.00	20.69 1.04 0.00	20.18 0.92 0.00	20.61 0.91 0.00	22.00 0.97 0.00	23.59 1.14 0.00	29.43 1.53 0.00	32.15 1.88 0.00	31.70 1.60 0.00	30.96 1.33 0.00	28.93 1.11 0.00	27.15 0.84 0.00	26.19 0.76 0.00	26.17 0.76 0.00	26.41 0.82 0.00	27.41 0.90 0.00	31.17 1.26 0.00	36.67 1.91 0.00	39.24 1.97 0.00	33.24 1.73 0.00	31.64 1.30 0.00	26.30 0.96 0.00	23.76 0.83 0.00	21.66 0.99 0.00
JERICOHO_RISE_WT_PWR 323719	21.50 0.42 0.00	19.96 0.31 0.00	19.59 0.33 0.00	20.18 0.47 0.00	21.69 0.65 0.00	23.16 0.72 0.00	28.48 0.59 0.00	30.55 0.27 0.00	30.46 0.36 0.00	30.25 0.62 0.00	28.48 0.67 0.00	26.89 0.58 0.00	25.90 0.48 0.00	25.89 0.48 0.00	26.00 0.41 0.00	26.88 0.37 0.00	30.12 0.21 0.00	34.10 -0.66 0.00	36.26 -1.00 0.00	30.59 -0.91 0.00	29.55 -0.79 0.00	25.06 -0.28 0.00	22.52 -0.41 0.00	20.01 -0.66 0.00
KATONAH__115KV_46KV_TB4 355592	21.76 0.67 0.00	20.28 0.63 0.00	19.86 0.60 0.00	20.18 0.47 0.00	21.35 0.32 0.00	22.85 0.40 0.00	28.70 0.81 0.00	31.76 1.48 0.00	31.64 1.54 0.00	30.84 1.21 0.00	28.99 1.17 0.00	27.47 1.16 0.00	26.49 1.07 0.00	26.48 1.07 0.00	26.72 1.13 0.00	27.68 1.17 0.00	31.43 1.53 0.00	36.95 2.19 0.00	39.80 2.53 0.00	33.59 2.08 0.00	32.19 1.85 0.00	26.61 1.27 0.00	24.10 1.17 0.00	21.66 0.99 0.00
KCE_NY_1 323755	21.74 0.65 0.00	20.32 0.67 0.00	19.89 0.63 0.00	20.30 0.59 0.00	21.58 0.55 0.00	23.05 0.61 0.00	28.76 0.87 0.00	31.46 1.18 0.00	31.27 1.17 0.00	30.54 0.92 0.00	28.62 0.81 0.00	27.04 0.74 0.00	26.21 0.79 0.00	26.20 0.79 0.00	26.33 0.74 0.00	27.36 0.85 0.00	30.98 1.08 0.00	36.43 1.67 0.00	39.12 1.86 0.00	32.99 1.48 0.00	31.67 1.33 0.00	26.25 0.91 0.00	23.78 0.85 0.00	21.47 0.81 0.00
KCE_NY_6_ESR 323823	19.99 -1.10 0.00	18.67 -0.98 0.00	18.12 -1.14 0.00	18.56 -1.14 0.00	19.86 -1.18 0.00	21.59 -0.85 0.00	25.83 -2.06 0.00	27.40 -2.88 0.00	27.03 -3.07 0.00	26.66 -2.96 0.00	25.04 -2.78 0.00	24.15 -2.16 0.00	23.03 -2.39 0.00	23.07 -2.34 0.00	23.24 -2.35 0.00	23.81 -2.70 0.00	27.01 -2.90 0.00	31.67 -3.09 0.00	33.31 -3.95 0.00	28.96 -2.55 0.00	26.82 -3.52 0.00	22.83 -2.51 0.00	20.69 -2.25 0.00	19.41 -1.26 0.00
KEDC_PORT_JEFF_GT2 24210	22.18 1.10 0.00	20.63 0.98 0.00	20.22 0.96 0.00	20.55 0.85 0.00	21.73 0.69 0.00	23.30 0.85 0.00	29.21 1.31 0.00	31.91 1.63 0.00	31.69 1.59 0.00	31.04 1.42 0.00	29.57 1.58 -0.17	27.81 1.50 0.00	27.00 1.58 0.00	26.96 1.55 0.00	28.74 1.64 -1.50	30.10 1.72 -1.87	32.28 2.15 -0.22	41.71 3.09 -3.86	45.70 3.47 -4.97	39.62 2.77 -5.34	34.31 2.52 -1.46	30.59 1.77 -3.48	26.61 1.67 -2.00	22.63 1.51 -0.46
KEDC_PORT_JEFF_GT3 24211	22.18 1.10 0.00	20.63 0.98 0.00	20.22 0.96 0.00	20.55 0.85 0.00	21.73 0.69 0.00	23.30 0.85 0.00	29.21 1.31 0.00	31.91 1.63 0.00	31.69 1.59 0.00	31.04 1.42 0.00	29.57 1.58 -0.17	27.81 1.50 0.00	27.00 1.58 0.00	26.96 1.55 0.00	28.74 1.64 -1.50	30.10 1.72 -1.87	32.28 2.15 -0.22	41.71 3.09 -3.86	45.70 3.47 -4.97	39.62 2.77 -5.34	34.31 2.52 -1.46	30.59 1.77 -3.48	26.61 1.67 -2.00	22.63 1.51 -0.46
KEDC_GLWD_GT4 24219	22.12 1.03 0.00	20.59 0.94 0.00	20.16 0.91 0.00	20.47 0.77 0.00	21.71 0.67 0.00	23.25 0.81 0.00	29.29 1.39 0.00	32.18 1.91 0.00	32.00 1.90 0.00	31.64 2.02 0.00	30.84 2.03 -0.99	27.94 1.63 0.00	27.10 1.68 0.00	27.06 1.65 0.00	28.85 1.74 -1.52	30.28 1.83 -1.94	32.43 2.27 -0.25	41.36 2.75 -3.86	45.36 3.13 -4.97	39.68 2.84 -5.34	34.34 2.55 -1.46	30.72 1.80 -3.58	26.78 1.72 -2.13	22.69 1.55 -0.47
KEDC_GLWD_GT5 24220	22.12 1.03 0.00	20.59 0.94 0.00	20.16 0.91 0.00	20.47 0.77 0.00	21.71 0.67 0.00	23.25 0.81 0.00	29.29 1.39 0.00	32.18 1.91 0.00	32.00 1.90 0.00	31.64 2.02 0.00	30.84 2.03 -0.99	27.94 1.63 0.00	27.10 1.68 0.00	27.06 1.65 0.00	28.85 1.74 -1.52	30.28 1.83 -1.94	32.43 2.27 -0.25	41.36 2.75 -3.86	45.36 3.13 -4.97	39.68 2.84 -5.34	34.34 2.55 -1.46	30.72 1.80 -3.58	26.78 1.72 -2.13	22.69 1.55 -0.47
KENSICO____ 23655	21.65 0.57 0.00	20.20 0.55 0.00	19.78 0.52 0.00	20.10 0.39 0.00	21.27 0.23 0.00	22.76 0.31 0.00	28.62 0.73 0.00	31.61 1.33 0.00	31.48 1.38 0.00	30.69 1.07 0.00	28.85 1.03 0.00	27.36 1.05 0.00	26.44 1.02 0.00	26.43 1.02 0.00	26.64 1.05 0.00	27.60 1.09 0.00	31.29 1.38 0.00	36.81 2.05 0.00	39.61 2.35 0.00	33.49 1.98 0.00	32.03 1.70 0.00	26.56 1.22 0.00	24.08 1.15 0.00	21.66 0.99 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	21.59 0.51 0.00	20.14 0.49 0.00	19.72 0.46 0.00	20.04 0.34 0.00	21.25 0.21 0.00	22.73 0.29 0.00	28.48 0.59 0.00	31.46 1.18 0.00	31.24 1.14 0.00	30.42 0.80 0.00	28.57 0.75 0.00	27.05 0.74 0.00	25.88 0.46 0.00	25.87 0.46 0.00	26.10 0.51 0.00	27.07 0.56 0.00	30.78 0.87 0.00	36.32 1.56 0.00	39.09 1.83 0.00	33.02 1.51 0.00	31.82 1.49 0.00	26.33 0.99 0.00	23.87 0.94 0.00	21.47 0.81 0.00



23816	21.59 0.51 0.00	20.12 0.47 0.00	19.72 0.46 0.00	20.00 0.30 0.00	21.14 0.11 0.00	22.69 0.25 0.00	28.68 0.78 0.00	31.79 1.51 0.00	31.70 1.60 0.00	30.87 1.24 0.00	29.01 1.20 0.00	27.55 1.24 0.00	26.62 1.19 0.00	26.61 1.19 0.00	26.82 1.23 0.00	27.78 1.27 0.00	31.52 1.62 0.00	37.09 2.33 0.00	39.91 2.65 0.00	33.81 2.30 0.00	32.28 1.94 0.00	26.71 1.37 0.00	24.22 1.28 0.00	21.66 0.99 0.00
23817	21.59 0.51 0.00	20.12 0.47 0.00	19.72 0.46 0.00	20.00 0.30 0.00	21.14 0.11 0.00	22.69 0.25 0.00	28.68 0.78 0.00	31.79 1.51 0.00	31.70 1.60 0.00	30.87 1.24 0.00	29.01 1.20 0.00	27.55 1.24 0.00	26.62 1.19 0.00	26.61 1.19 0.00	26.82 1.23 0.00	27.78 1.27 0.00	31.52 1.62 0.00	37.09 2.33 0.00	39.91 2.65 0.00	33.81 2.30 0.00	32.28 1.94 0.00	26.71 1.37 0.00	24.22 1.28 0.00	21.66 0.99 0.00
323774	21.59 0.51 0.00	20.12 0.47 0.00	19.72 0.46 0.00	20.00 0.30 0.00	21.14 0.11 0.00	22.69 0.25 0.00	28.68 0.78 0.00	31.79 1.51 0.00	31.69 1.59 0.00	30.87 1.24 0.00	28.98 1.17 0.00	27.44 1.13 0.00	26.62 1.20 0.00	26.61 1.19 0.00	26.77 1.18 0.00	27.78 1.27 0.00	31.52 1.61 0.00	37.05 2.29 0.00	39.95 2.68 0.00	33.68 2.17 0.00	32.28 1.94 0.00	26.61 1.27 0.00	24.17 1.24 0.00	21.66 0.99 0.00
23543	19.73 -1.35 0.00	18.43 -1.22 0.00	17.93 -1.33 0.00	18.37 -1.34 0.00	19.65 -1.39 0.00	21.25 -1.19 0.00	25.55 -2.34 0.00	27.28 -3.00 0.00	26.91 -3.19 0.00	26.42 -3.20 0.00	24.84 -2.98 0.00	23.49 -2.82 0.00	22.86 -2.57 0.00	22.87 -2.54 0.00	22.90 -2.69 0.00	23.67 -2.84 0.00	26.83 -3.08 0.00	31.25 -3.51 0.00	33.24 -4.02 0.00	28.36 -3.15 0.00	26.85 -3.49 0.00	22.50 -2.84 0.00	20.55 -2.39 0.00	19.26 -1.41 0.00
80397	21.80 0.72 0.00	20.26 0.61 0.00	19.86 0.60 0.00	20.46 0.75 0.00	21.98 0.95 0.00	23.50 1.05 0.00	28.79 0.89 0.00	30.88 0.61 0.00	30.79 0.69 0.00	30.54 0.92 0.00	28.79 0.97 0.00	27.15 0.84 0.00	26.16 0.74 0.00	26.15 0.74 0.00	26.23 0.64 0.00	27.15 0.64 0.00	30.48 0.57 0.00	34.38 -0.38 0.00	36.52 -0.75 0.00	30.97 -0.54 0.00	29.85 -0.49 0.00	25.39 0.05 0.00	22.80 -0.14 0.00	20.28 -0.39 0.00
323717	22.18 1.10 0.00	20.77 1.12 0.00	20.32 1.06 0.00	20.75 1.04 0.00	22.11 1.07 0.00	23.68 1.23 0.00	29.57 1.67 0.00	32.34 2.06 0.00	32.36 2.26 0.00	31.58 1.95 0.00	29.49 1.67 0.00	27.78 1.47 0.00	26.92 1.50 0.00	26.86 1.45 0.00	26.95 1.36 0.00	28.26 1.75 0.00	31.94 2.03 0.00	37.78 3.02 0.00	40.47 3.21 0.00	34.03 2.52 0.00	32.70 2.37 0.00	26.99 1.65 0.00	24.26 1.33 0.00	21.89 1.22 0.00
80681	21.12 0.04 0.00	19.61 -0.04 0.00	19.26 0.00 0.00	19.83 0.12 0.00	21.46 0.42 0.00	22.94 0.49 0.00	28.31 0.42 0.00	30.46 0.18 0.00	30.31 0.21 0.00	30.10 0.47 0.00	28.29 0.47 0.00	26.70 0.39 0.00	25.75 0.33 0.00	25.77 0.36 0.00	25.90 0.31 0.00	26.75 0.24 0.00	29.79 -0.12 0.00	34.13 -0.63 0.00	36.41 -0.86 0.00	30.75 -0.76 0.00	30.09 -0.24 0.00	25.39 0.05 0.00	22.96 0.02 0.00	20.26 -0.41 0.00
23769	21.67 0.59 0.00	20.22 0.57 0.00	19.80 0.54 0.00	20.10 0.39 0.00	21.31 0.27 0.00	22.78 0.34 0.00	28.62 0.73 0.00	31.64 1.36 0.00	31.48 1.38 0.00	30.72 1.10 0.00	28.85 1.03 0.00	27.34 1.03 0.00	26.41 0.99 0.00	26.40 0.99 0.00	26.64 1.05 0.00	27.60 1.09 0.00	31.32 1.41 0.00	36.88 2.12 0.00	39.65 2.38 0.00	33.52 2.02 0.00	32.03 1.70 0.00	26.56 1.22 0.00	24.10 1.17 0.00	21.68 1.01 0.00
355974	20.79 -0.30 0.00	19.41 -0.24 0.00	18.97 -0.29 0.00	19.41 -0.30 0.00	20.72 -0.32 0.00	22.11 -0.34 0.00	27.45 -0.45 0.00	29.91 -0.36 0.00	29.59 -0.51 0.00	28.94 -0.68 0.00	27.15 -0.67 0.00	25.60 -0.71 0.00	24.74 -0.69 0.00	24.67 -0.74 0.00	24.85 -0.74 0.00	25.77 -0.74 0.00	29.16 -0.75 0.00	34.10 -0.66 0.00	36.59 -0.67 0.00	31.04 -0.47 0.00	29.76 -0.58 0.00	24.81 -0.53 0.00	22.45 -0.48 0.00	20.48 -0.19 0.00
23786	21.50 0.42 0.00	20.04 0.39 0.00	19.64 0.39 0.00	19.94 0.24 0.00	21.08 0.04 0.00	22.56 0.11 0.00	28.45 0.56 0.00	31.52 1.24 0.00	31.42 1.32 0.00	30.60 0.98 0.00	28.73 0.92 0.00	27.20 0.90 0.00	26.36 0.94 0.00	26.35 0.94 0.00	26.54 0.95 0.00	27.54 1.03 0.00	31.19 1.29 0.00	36.60 1.84 0.00	39.42 2.16 0.00	33.27 1.76 0.00	31.94 1.61 0.00	26.35 1.01 0.00	23.97 1.03 0.00	21.56 0.89 0.00
356055	22.22 1.14 0.00	20.69 1.04 0.00	20.26 1.00 0.00	20.57 0.87 0.00	21.79 0.76 0.00	23.36 0.92 0.00	29.37 1.48 0.00	32.15 1.88 0.00	31.94 1.84 0.00	31.25 1.63 0.00	29.86 1.64 -0.40	28.07 1.76 0.00	27.10 1.68 0.00	27.06 1.65 0.00	28.87 1.77 -1.51	30.24 1.83 -1.90	32.41 2.27 -0.23	41.82 3.20 -3.86	45.81 3.58 -4.97	39.87 3.02 -5.34	34.43 2.64 -1.46	30.76 1.90 -3.52	26.75 1.77 -2.05	22.76 1.63 -0.46
23656	22.14 1.05 0.00	20.61 0.96 0.00	20.20 0.94 0.00	20.52 0.81 0.00	21.71 0.67 0.00	23.25 0.81 0.00	29.10 1.20 0.00	31.76 1.48 0.00	31.51 1.41 0.00	30.93 1.30 0.00	29.45 1.47 -0.16	27.84 1.53 0.00	26.87 1.45 0.00	26.81 1.40 0.00	28.61 1.51 -1.50	29.97 1.59 -1.87	32.07 1.94 -0.22	41.57 2.95 -3.86	45.47 3.24 -4.97	39.52 2.68 -5.34	34.16 2.37 -1.46	30.54 1.72 -3.48	26.54 1.61 -2.00	22.53 1.41 -0.46
323691	22.16 1.07 0.00	20.61 0.96 0.00	20.22 0.96 0.00	20.55 0.85 0.00	21.71 0.67 0.00	23.30 0.85 0.00	29.12 1.23 0.00	31.79 1.51 0.00	31.54 1.44 0.00	30.92 1.30 0.00	29.46 1.47 -0.17	27.70 1.39 0.00	26.87 1.45 0.00	26.83 1.42 0.00	28.61 1.51 -1.50	30.00 1.62 -1.87	32.13 2.00 -0.22	41.61 2.99 -3.86	45.54 3.32 -4.97	39.49 2.65 -5.34	34.22 2.43 -1.46	30.52 1.70 -3.48	26.54 1.60 -2.00	22.57 1.45 -0.46
24013	21.06 -0.02 0.00	19.65 0.00 0.00	19.26 0.00 0.00	19.73 0.02 0.00	21.04 0.00 0.00	22.44 0.00 0.00	27.95 0.06 0.00	30.40 0.12 0.00	30.19 0.09 0.00	29.62 0.00 0.00	27.87 0.06 0.00	26.41 0.11 0.00	25.52 0.10 0.00	25.54 0.13 0.00	25.69 0.10 0.00	26.62 0.11 0.00	30.03 0.12 0.00	34.97 0.21 0.00	37.37 0.11 0.00	31.60 0.09 0.00	30.37 0.03 0.00	25.37 0.03 0.00	22.98 0.05 0.00	20.75 0.08 0.00
356100	21.27 0.19 0.00	19.77 0.12 0.00	19.39 0.13 0.00	19.98 0.28 0.00	21.65 0.61 0.00	23.16 0.72 0.00	28.65 0.75 0.00	30.91 0.64 0.00	30.73 0.63 0.00	30.57 0.95 0.00	28.68 0.86 0.00	27.02 0.71 0.00	26.08 0.66 0.00	26.07 0.66 0.00	26.23 0.64 0.00	27.07 0.56 0.00	30.12 0.21 0.00	34.52 -0.24 0.00	36.82 -0.45 0.00	31.10 -0.41 0.00	30.43 0.09 0.00	25.67 0.33 0.00	23.16 0.23 0.00	20.40 -0.27 0.00



LI_NEWBRDGE___DRP 323616	21.88 0.80 0.00	20.38 0.73 0.00	19.95 0.69 0.00	20.28 0.57 0.00	21.48 0.44 0.00	22.98 0.54 0.00	28.90 1.00 0.00	31.73 1.45 0.00	31.58 1.47 0.00	30.87 1.24 0.00	29.19 1.34 -0.04	27.70 1.39 0.00	26.74 1.32 0.00	26.71 1.30 0.00	28.47 1.38 -1.50	29.80 1.43 -1.85	31.91 1.79 -0.21	41.15 2.54 -3.86	45.06 2.83 -4.97	39.24 2.39 -5.34	33.89 2.09 -1.46	30.34 1.55 -3.45	26.37 1.47 -1.97	22.40 1.28 -0.45
LOCKPORT_115KV_TB60_63_64 80432	19.61 -1.48 0.00	18.33 -1.32 0.00	17.79 -1.46 0.00	18.25 -1.46 0.00	19.52 -1.51 0.00	21.19 -1.26 0.00	25.27 -2.62 0.00	26.95 -3.33 0.00	26.55 -3.55 0.00	26.04 -3.58 0.00	24.48 -3.34 0.00	23.15 -3.16 0.00	22.52 -2.90 0.00	22.57 -2.85 0.00	22.57 -3.02 0.00	23.33 -3.18 0.00	26.38 -3.53 0.00	30.73 -4.03 0.00	32.64 -4.62 0.00	27.85 -3.65 0.00	26.30 -4.03 0.00	22.05 -3.29 0.00	20.16 -2.77 0.00	19.06 -1.61 0.00
LOCKPORT___CC1 323769	19.63 -1.45 0.00	18.33 -1.32 0.00	17.79 -1.46 0.00	18.25 -1.46 0.00	19.52 -1.51 0.00	21.19 -1.26 0.00	25.27 -2.62 0.00	26.95 -3.33 0.00	26.55 -3.55 0.00	26.16 -3.47 0.00	24.53 -3.28 0.00	23.68 -2.63 0.00	22.55 -2.87 0.00	22.59 -2.82 0.00	22.78 -2.82 0.00	23.36 -3.16 0.00	26.38 -3.53 0.00	30.94 -3.82 0.00	32.57 -4.70 0.00	28.39 -3.12 0.00	26.27 -4.06 0.00	22.40 -2.94 0.00	20.32 -2.61 0.00	19.06 -1.61 0.00
LOCKPORT___CC2 323770	19.63 -1.45 0.00	18.33 -1.32 0.00	17.79 -1.46 0.00	18.25 -1.46 0.00	19.52 -1.51 0.00	21.19 -1.26 0.00	25.27 -2.62 0.00	26.95 -3.33 0.00	26.55 -3.55 0.00	26.16 -3.47 0.00	24.53 -3.28 0.00	23.68 -2.63 0.00	22.55 -2.87 0.00	22.59 -2.82 0.00	22.78 -2.82 0.00	23.36 -3.16 0.00	26.38 -3.53 0.00	30.94 -3.82 0.00	32.57 -4.70 0.00	28.39 -3.12 0.00	26.27 -4.06 0.00	22.40 -2.94 0.00	20.32 -2.61 0.00	19.06 -1.61 0.00
LOCKPORT___CC3 323771	19.63 -1.45 0.00	18.33 -1.32 0.00	17.79 -1.46 0.00	18.25 -1.46 0.00	19.52 -1.51 0.00	21.19 -1.26 0.00	25.27 -2.62 0.00	26.95 -3.33 0.00	26.55 -3.55 0.00	26.16 -3.47 0.00	24.53 -3.28 0.00	23.68 -2.63 0.00	22.55 -2.87 0.00	22.59 -2.82 0.00	22.78 -2.82 0.00	23.36 -3.16 0.00	26.38 -3.53 0.00	30.94 -3.82 0.00	32.57 -4.70 0.00	28.39 -3.12 0.00	26.27 -4.06 0.00	22.40 -2.94 0.00	20.32 -2.61 0.00	19.06 -1.61 0.00
LONG_LAKE_PHOENIX 24014	20.75 -0.34 0.00	19.40 -0.26 0.00	18.95 -0.31 0.00	19.37 -0.34 0.00	20.64 -0.40 0.00	21.99 -0.45 0.00	27.25 -0.64 0.00	29.64 -0.64 0.00	29.41 -0.69 0.00	28.82 -0.80 0.00	27.07 -0.75 0.00	25.55 -0.76 0.00	24.71 -0.71 0.00	24.67 -0.74 0.00	24.88 -0.72 0.00	25.77 -0.74 0.00	29.13 -0.76 0.00	33.99 -0.76 0.00	36.48 -0.78 0.00	30.91 -0.60 0.00	29.55 -0.79 0.00	24.66 -0.68 0.00	22.34 -0.60 0.00	20.46 -0.21 0.00
LOVETT___3 23632	21.59 0.51 0.00	20.12 0.47 0.00	19.70 0.44 0.00	20.02 0.32 0.00	21.20 0.17 0.00	22.69 0.25 0.00	28.51 0.61 0.00	31.49 1.21 0.00	31.36 1.26 0.00	30.57 0.95 0.00	28.71 0.89 0.00	27.23 0.92 0.00	26.31 0.89 0.00	26.30 0.89 0.00	26.51 0.92 0.00	27.47 0.95 0.00	31.17 1.26 0.00	36.67 1.91 0.00	39.42 2.16 0.00	33.37 1.86 0.00	31.91 1.58 0.00	26.45 1.11 0.00	24.01 1.08 0.00	21.60 0.93 0.00
LOVETT___4 23642	21.59 0.51 0.00	20.12 0.47 0.00	19.70 0.44 0.00	20.02 0.32 0.00	21.20 0.17 0.00	22.69 0.25 0.00	28.51 0.61 0.00	31.49 1.21 0.00	31.36 1.26 0.00	30.57 0.95 0.00	28.71 0.89 0.00	27.23 0.92 0.00	26.31 0.89 0.00	26.30 0.89 0.00	26.51 0.92 0.00	27.47 0.95 0.00	31.17 1.26 0.00	36.67 1.91 0.00	39.42 2.16 0.00	33.37 1.86 0.00	31.91 1.58 0.00	26.45 1.11 0.00	24.01 1.08 0.00	21.60 0.93 0.00
LOVETT___5 23593	21.59 0.51 0.00	20.12 0.47 0.00	19.70 0.44 0.00	20.02 0.32 0.00	21.20 0.17 0.00	22.69 0.25 0.00	28.51 0.61 0.00	31.49 1.21 0.00	31.36 1.26 0.00	30.57 0.95 0.00	28.71 0.89 0.00	27.23 0.92 0.00	26.31 0.89 0.00	26.30 0.89 0.00	26.51 0.92 0.00	27.47 0.95 0.00	31.17 1.26 0.00	36.67 1.91 0.00	39.42 2.16 0.00	33.37 1.86 0.00	31.91 1.58 0.00	26.45 1.11 0.00	24.01 1.08 0.00	21.60 0.93 0.00
LOWER RAQUET___HYD 24057	21.10 0.02 0.00	19.59 -0.06 0.00	19.24 -0.02 0.00	19.81 0.10 0.00	21.43 0.40 0.00	22.91 0.47 0.00	28.29 0.39 0.00	30.49 0.21 0.00	30.31 0.21 0.00	30.13 0.50 0.00	28.29 0.47 0.00	26.68 0.37 0.00	25.75 0.33 0.00	25.77 0.36 0.00	25.90 0.31 0.00	26.72 0.21 0.00	29.70 -0.21 0.00	34.03 -0.73 0.00	36.29 -0.97 0.00	30.63 -0.88 0.00	30.06 -0.27 0.00	25.37 0.03 0.00	22.91 -0.02 0.00	20.21 -0.45 0.00
LOWER___HUDSON 24059	21.53 0.44 0.00	20.14 0.49 0.00	19.72 0.46 0.00	20.08 0.37 0.00	21.33 0.29 0.00	22.78 0.34 0.00	28.42 0.53 0.00	31.15 0.88 0.00	30.91 0.81 0.00	30.21 0.59 0.00	28.32 0.50 0.00	26.78 0.47 0.00	25.93 0.51 0.00	25.92 0.51 0.00	26.08 0.49 0.00	27.07 0.56 0.00	30.66 0.75 0.00	36.05 1.29 0.00	38.75 1.49 0.00	32.67 1.17 0.00	31.37 1.03 0.00	26.00 0.66 0.00	23.60 0.67 0.00	21.31 0.64 0.00
LOWVILLE_115KV_TB2 356335	20.96 -0.13 0.00	19.55 -0.10 0.00	19.10 -0.15 0.00	19.59 -0.12 0.00	21.01 -0.02 0.00	22.44 0.00 0.00	27.98 0.08 0.00	30.76 0.48 0.00	30.40 0.30 0.00	29.74 0.12 0.00	27.84 0.03 0.00	26.26 -0.05 0.00	25.32 -0.10 0.00	25.34 -0.08 0.00	25.52 -0.08 0.00	26.48 -0.03 0.00	29.97 0.06 0.00	34.83 0.07 0.00	37.19 -0.07 0.00	31.44 -0.06 0.00	30.27 -0.06 0.00	25.29 -0.05 0.00	22.82 -0.11 0.00	20.52 -0.14 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	21.71 0.63 0.00	20.32 0.67 0.00	19.89 0.64 0.00	20.28 0.57 0.00	21.56 0.53 0.00	23.05 0.61 0.00	28.76 0.86 0.00	31.43 1.15 0.00	31.24 1.14 0.00	30.54 0.92 0.00	28.62 0.81 0.00	27.10 0.79 0.00	26.19 0.76 0.00	26.17 0.76 0.00	26.36 0.77 0.00	27.36 0.85 0.00	30.96 1.05 0.00	36.43 1.67 0.00	39.09 1.83 0.00	33.02 1.51 0.00	31.64 1.30 0.00	26.25 0.91 0.00	23.78 0.85 0.00	21.45 0.79 0.00
LUTHERNY_35_KV_BK2 355980	21.74 0.65 0.00	20.32 0.67 0.00	19.89 0.64 0.00	20.30 0.59 0.00	21.58 0.55 0.00	23.05 0.61 0.00	28.76 0.86 0.00	31.46 1.18 0.00	31.27 1.17 0.00	30.54 0.92 0.00	28.65 0.83 0.00	27.12 0.82 0.00	26.21 0.79 0.00	26.20 0.79 0.00	26.36 0.77 0.00	27.36 0.85 0.00	30.99 1.08 0.00	36.46 1.70 0.00	39.13 1.86 0.00	33.02 1.51 0.00	31.67 1.33 0.00	26.28 0.94 0.00	23.78 0.85 0.00	21.47 0.81 0.00
LWR___OSWEGATCHIE_HYD 23850	20.89 -0.19 0.00	19.43 -0.22 0.00	19.05 -0.21 0.00	19.57 -0.14 0.00	21.10 0.06 0.00	22.53 0.09 0.00	27.98 0.08 0.00	30.40 0.12 0.00	30.13 0.03 0.00	29.68 0.06 0.00	27.84 0.03 0.00	26.28 -0.03 0.00	25.35 -0.08 0.00	25.34 -0.08 0.00	25.52 -0.08 0.00	26.38 -0.13 0.00	29.58 -0.33 0.00	34.20 -0.56 0.00	36.55 -0.71 0.00	30.91 -0.60 0.00	30.03 -0.30 0.00	25.21 -0.13 0.00	22.77 -0.16 0.00	20.30 -0.37 0.00



LYONS_FALL_HYD 23570	21.17 0.08 0.00	19.75 0.10 0.00	19.32 0.06 0.00	19.77 0.06 0.00	21.16 0.13 0.00	22.60 0.16 0.00	28.20 0.31 0.00	30.91 0.64 0.00	30.61 0.51 0.00	29.95 0.33 0.00	28.07 0.25 0.00	26.49 0.19 0.00	25.55 0.13 0.00	25.54 0.13 0.00	25.75 0.15 0.00	26.72 0.21 0.00	30.24 0.33 0.00	35.21 0.45 0.00	37.67 0.41 0.00	31.85 0.35 0.00	30.58 0.24 0.00	25.54 0.20 0.00	23.05 0.12 0.00	20.77 0.10 0.00
MADISON___COUNTY_LFGE 323628	21.55 0.46 0.00	20.12 0.47 0.00	19.68 0.42 0.00	20.12 0.41 0.00	21.48 0.44 0.00	22.94 0.49 0.00	28.57 0.67 0.00	31.15 0.88 0.00	30.85 0.75 0.00	30.19 0.56 0.00	28.32 0.50 0.00	26.70 0.39 0.00	25.80 0.38 0.00	25.79 0.38 0.00	26.03 0.44 0.00	26.99 0.48 0.00	30.60 0.69 0.00	35.80 1.04 0.00	38.34 1.08 0.00	32.42 0.91 0.00	31.06 0.73 0.00	25.87 0.53 0.00	23.39 0.46 0.00	21.23 0.56 0.00
MALONE___115KV_TB1 356076	21.57 0.48 0.00	20.04 0.39 0.00	19.64 0.39 0.00	20.24 0.53 0.00	21.79 0.76 0.00	23.32 0.88 0.00	28.70 0.81 0.00	30.82 0.54 0.00	30.73 0.63 0.00	30.51 0.89 0.00	28.73 0.92 0.00	27.10 0.79 0.00	26.11 0.69 0.00	26.10 0.69 0.00	26.21 0.61 0.00	27.09 0.58 0.00	30.33 0.42 0.00	34.45 -0.31 0.00	36.63 -0.63 0.00	30.94 -0.57 0.00	29.94 -0.39 0.00	25.34 0.00 0.00	22.77 -0.16 0.00	20.19 -0.48 0.00
MAPLEWOD_115KV_TB3 80458	21.65 0.57 0.00	20.24 0.59 0.00	19.82 0.56 0.00	20.20 0.49 0.00	21.46 0.42 0.00	22.89 0.45 0.00	28.57 0.67 0.00	31.31 1.03 0.00	31.09 0.99 0.00	30.39 0.77 0.00	28.51 0.70 0.00	27.02 0.71 0.00	26.11 0.69 0.00	26.10 0.69 0.00	26.28 0.69 0.00	27.25 0.74 0.00	30.87 0.96 0.00	36.29 1.53 0.00	38.98 1.71 0.00	32.93 1.42 0.00	31.55 1.21 0.00	26.20 0.86 0.00	23.78 0.85 0.00	21.45 0.79 0.00
MAPLE_RIDGE_WT_1 323574	20.83 -0.25 0.00	19.36 -0.29 0.00	18.95 -0.31 0.00	19.41 -0.30 0.00	20.76 -0.27 0.00	22.13 -0.31 0.00	27.45 -0.45 0.00	29.70 -0.58 0.00	29.59 -0.51 0.00	29.27 -0.35 0.00	27.54 -0.28 0.00	26.05 -0.26 0.00	25.17 -0.25 0.00	25.16 -0.25 0.00	25.31 -0.28 0.00	26.19 -0.32 0.00	29.43 -0.48 0.00	33.86 -0.90 0.00	36.11 -1.16 0.00	30.40 -1.10 0.00	29.39 -0.94 0.00	24.58 -0.76 0.00	22.22 -0.71 0.00	19.86 -0.81 0.00
MAPLE_RIDGE_WT_2 323611	20.83 -0.25 0.00	19.36 -0.29 0.00	18.95 -0.31 0.00	19.41 -0.30 0.00	20.76 -0.27 0.00	22.13 -0.31 0.00	27.45 -0.45 0.00	29.70 -0.58 0.00	29.59 -0.51 0.00	29.27 -0.35 0.00	27.54 -0.28 0.00	26.05 -0.26 0.00	25.17 -0.25 0.00	25.16 -0.25 0.00	25.31 -0.28 0.00	26.19 -0.32 0.00	29.43 -0.48 0.00	33.86 -0.90 0.00	36.11 -1.16 0.00	30.40 -1.10 0.00	29.39 -0.94 0.00	24.58 -0.76 0.00	22.22 -0.71 0.00	19.86 -0.81 0.00
MARBLE_RIVER_WT_PWR 323696	21.55 0.46 0.00	20.04 0.39 0.00	19.64 0.39 0.00	20.22 0.51 0.00	21.73 0.69 0.00	23.23 0.79 0.00	28.48 0.59 0.00	30.58 0.30 0.00	30.49 0.39 0.00	30.27 0.65 0.00	28.48 0.67 0.00	26.91 0.61 0.00	25.93 0.51 0.00	25.92 0.51 0.00	26.00 0.41 0.00	26.91 0.40 0.00	30.15 0.24 0.00	34.13 -0.62 0.00	36.29 -0.97 0.00	30.63 -0.88 0.00	29.52 -0.82 0.00	25.06 -0.28 0.00	22.54 -0.39 0.00	20.05 -0.62 0.00
MARSHVLE_115KV_TB1 80742	22.12 1.03 0.00	20.67 1.02 0.00	20.20 0.94 0.00	20.63 0.93 0.00	22.00 0.97 0.00	23.56 1.12 0.00	29.43 1.53 0.00	31.91 1.63 0.00	31.70 1.60 0.00	30.87 1.24 0.00	28.87 1.06 0.00	27.23 0.92 0.00	26.26 0.84 0.00	26.25 0.84 0.00	26.46 0.87 0.00	27.49 0.98 0.00	31.26 1.35 0.00	36.81 2.05 0.00	39.65 2.38 0.00	33.52 2.02 0.00	32.09 1.76 0.00	26.73 1.39 0.00	24.10 1.17 0.00	21.78 1.12 0.00
MARSH_HILL_WT_PWR 323713	21.44 0.36 0.00	20.00 0.35 0.00	19.49 0.23 0.00	19.92 0.22 0.00	21.25 0.21 0.00	22.91 0.47 0.00	28.37 0.47 0.00	30.73 0.45 0.00	30.46 0.36 0.00	29.77 0.15 0.00	27.90 0.08 0.00	26.39 0.08 0.00	25.42 0.00 0.00	25.31 -0.10 0.00	25.52 -0.08 0.00	26.33 -0.18 0.00	29.79 -0.12 0.00	34.93 0.17 0.00	37.45 0.19 0.00	31.98 0.47 0.00	30.18 -0.15 0.00	25.16 -0.18 0.00	22.73 -0.21 0.00	20.85 0.19 0.00
MCINTYRE_115KV_TB2 80467	21.38 0.30 0.00	19.87 0.22 0.00	19.49 0.23 0.00	20.10 0.39 0.00	21.77 0.74 0.00	23.30 0.85 0.00	28.84 0.95 0.00	31.06 0.79 0.00	30.85 0.75 0.00	30.72 1.10 0.00	28.82 1.00 0.00	27.15 0.84 0.00	26.19 0.76 0.00	26.20 0.79 0.00	26.33 0.74 0.00	27.20 0.69 0.00	30.36 0.45 0.00	34.79 0.03 0.00	37.11 -0.15 0.00	31.35 -0.16 0.00	30.64 0.30 0.00	25.82 0.48 0.00	23.28 0.34 0.00	20.50 -0.17 0.00
MECO____69_KV_BK1 80468	22.73 1.64 0.00	21.28 1.63 0.00	20.78 1.52 0.00	21.24 1.54 0.00	22.68 1.64 0.00	24.31 1.86 0.00	30.35 2.45 0.00	32.91 2.63 0.00	32.81 2.71 0.00	31.64 2.01 0.00	29.65 1.84 0.00	27.86 1.55 0.00	26.90 1.47 0.00	26.89 1.47 0.00	27.08 1.48 0.00	28.23 1.72 0.00	32.12 2.21 0.00	38.13 3.37 0.00	41.06 3.80 0.00	34.66 3.15 0.00	33.16 2.82 0.00	27.54 2.20 0.00	24.77 1.83 0.00	22.40 1.74 0.00
MENANDS__115KV_TB5 355628	21.61 0.53 0.00	20.22 0.57 0.00	19.80 0.54 0.00	20.16 0.45 0.00	21.41 0.38 0.00	22.85 0.40 0.00	28.51 0.61 0.00	31.25 0.97 0.00	31.03 0.93 0.00	30.36 0.74 0.00	28.46 0.64 0.00	26.97 0.66 0.00	26.06 0.64 0.00	26.07 0.66 0.00	26.26 0.67 0.00	27.20 0.69 0.00	30.81 0.90 0.00	36.22 1.46 0.00	38.90 1.64 0.00	32.86 1.35 0.00	31.49 1.15 0.00	26.15 0.81 0.00	23.74 0.80 0.00	21.41 0.74 0.00
MG INDUSTRY___DRP 24185	21.65 0.57 0.00	20.26 0.61 0.00	19.84 0.58 0.00	20.22 0.51 0.00	21.52 0.48 0.00	22.96 0.52 0.00	28.59 0.70 0.00	31.25 0.97 0.00	31.00 0.90 0.00	30.33 0.71 0.00	28.43 0.61 0.00	26.94 0.63 0.00	26.03 0.61 0.00	26.02 0.61 0.00	26.21 0.61 0.00	27.15 0.64 0.00	30.72 0.81 0.00	36.05 1.29 0.00	38.72 1.45 0.00	32.70 1.20 0.00	31.34 1.00 0.00	26.05 0.71 0.00	23.64 0.71 0.00	21.35 0.68 0.00
MID___OSWEGATCHIE_HYD 23849	20.89 -0.19 0.00	19.43 -0.22 0.00	19.05 -0.21 0.00	19.57 -0.14 0.00	21.10 0.06 0.00	22.53 0.09 0.00	27.98 0.08 0.00	30.40 0.12 0.00	30.13 0.03 0.00	29.68 0.06 0.00	27.84 0.03 0.00	26.28 -0.03 0.00	25.35 -0.08 0.00	25.34 -0.08 0.00	25.52 -0.08 0.00	26.38 -0.13 0.00	29.58 -0.33 0.00	34.20 -0.56 0.00	36.55 -0.71 0.00	30.91 -0.60 0.00	30.03 -0.30 0.00	25.21 -0.13 0.00	22.77 -0.16 0.00	20.30 -0.37 0.00
MID___RAQUETTE_HYD 23851	21.10 0.02 0.00	19.59 -0.06 0.00	19.24 -0.02 0.00	19.81 0.10 0.00	21.44 0.40 0.00	22.91 0.47 0.00	28.29 0.39 0.00	30.49 0.21 0.00	30.31 0.21 0.00	30.13 0.50 0.00	28.29 0.47 0.00	26.70 0.39 0.00	25.75 0.33 0.00	25.77 0.36 0.00	25.90 0.31 0.00	26.72 0.21 0.00	29.70 -0.21 0.00	34.03 -0.73 0.00	36.29 -0.97 0.00	30.66 -0.85 0.00	30.06 -0.27 0.00	25.37 0.03 0.00	22.91 -0.02 0.00	20.21 -0.45 0.00



MILLIKEN___1 23584	21.44 0.36 0.00	20.04 0.39 0.00	19.57 0.31 0.00	20.02 0.32 0.00	21.33 0.29 0.00	22.82 0.38 0.00	28.34 0.45 0.00	30.88 0.61 0.00	30.43 0.33 0.00	29.77 0.15 0.00	27.84 0.03 0.00	26.23 -0.08 0.00	25.37 -0.05 0.00	25.34 -0.08 0.00	25.52 -0.08 0.00	26.48 -0.03 0.00	30.00 0.09 0.00	35.18 0.42 0.00	37.78 0.52 0.00	32.04 0.54 0.00	30.58 0.24 0.00	25.44 0.10 0.00	23.03 0.09 0.00	21.08 0.41 0.00
MILLIKEN___2 23585	21.44 0.36 0.00	20.04 0.39 0.00	19.57 0.31 0.00	20.02 0.32 0.00	21.33 0.29 0.00	22.82 0.38 0.00	28.34 0.45 0.00	30.88 0.61 0.00	30.43 0.33 0.00	29.77 0.15 0.00	27.84 0.03 0.00	26.23 -0.08 0.00	25.37 -0.05 0.00	25.34 -0.08 0.00	25.52 -0.08 0.00	26.48 -0.03 0.00	30.00 0.09 0.00	35.18 0.42 0.00	37.78 0.52 0.00	32.04 0.54 0.00	30.58 0.24 0.00	25.44 0.10 0.00	23.03 0.09 0.00	21.08 0.41 0.00
MILLIKEN___DIESEL 23629	21.44 0.36 0.00	20.04 0.39 0.00	19.57 0.31 0.00	20.02 0.32 0.00	21.33 0.29 0.00	22.82 0.38 0.00	28.34 0.45 0.00	30.88 0.61 0.00	30.43 0.33 0.00	29.77 0.15 0.00	27.84 0.03 0.00	26.23 -0.08 0.00	25.37 -0.05 0.00	25.34 -0.08 0.00	25.52 -0.08 0.00	26.48 -0.03 0.00	30.00 0.09 0.00	35.18 0.42 0.00	37.78 0.52 0.00	32.04 0.54 0.00	30.58 0.24 0.00	25.44 0.10 0.00	23.03 0.09 0.00	21.08 0.41 0.00
MILLSEAT___LFGE 323607	19.96 -1.12 0.00	18.65 -1.00 0.00	18.10 -1.15 0.00	18.56 -1.14 0.00	19.86 -1.18 0.00	21.52 -0.92 0.00	25.83 -2.06 0.00	27.61 -2.66 0.00	27.18 -2.92 0.00	26.69 -2.93 0.00	25.04 -2.78 0.00	24.10 -2.21 0.00	22.96 -2.47 0.00	23.00 -2.41 0.00	23.21 -2.38 0.00	23.81 -2.70 0.00	26.98 -2.93 0.00	31.63 -3.13 0.00	33.50 -3.76 0.00	29.08 -2.43 0.00	27.00 -3.34 0.00	22.93 -2.41 0.00	20.75 -2.18 0.00	19.41 -1.26 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	21.63 0.55 0.00	20.18 0.53 0.00	19.76 0.50 0.00	20.08 0.37 0.00	21.25 0.21 0.00	22.73 0.29 0.00	28.59 0.70 0.00	31.58 1.30 0.00	31.45 1.35 0.00	30.66 1.04 0.00	28.82 1.00 0.00	27.34 1.03 0.00	26.39 0.97 0.00	26.38 0.97 0.00	26.59 1.00 0.00	27.54 1.03 0.00	31.26 1.35 0.00	36.78 2.02 0.00	39.57 2.31 0.00	33.46 1.95 0.00	32.00 1.67 0.00	26.51 1.17 0.00	24.06 1.12 0.00	21.62 0.95 0.00
MILLWOOD_13_KV_LOAD 356217	21.69 0.61 0.00	20.22 0.57 0.00	19.80 0.54 0.00	20.12 0.41 0.00	21.29 0.25 0.00	22.78 0.34 0.00	28.62 0.73 0.00	31.64 1.36 0.00	31.51 1.41 0.00	30.75 1.13 0.00	28.87 1.06 0.00	27.39 1.08 0.00	26.44 1.02 0.00	26.43 1.02 0.00	26.64 1.05 0.00	27.62 1.11 0.00	31.35 1.44 0.00	36.88 2.12 0.00	39.68 2.42 0.00	33.52 2.02 0.00	32.09 1.76 0.00	26.58 1.24 0.00	24.10 1.17 0.00	21.66 0.99 0.00
MODEL_CITY_ENERGY 24167	19.46 -1.62 0.00	18.16 -1.49 0.00	17.64 -1.62 0.00	18.07 -1.64 0.00	19.35 -1.68 0.00	20.96 -1.48 0.00	24.99 -2.90 0.00	26.58 -3.69 0.00	26.19 -3.91 0.00	25.80 -3.82 0.00	24.20 -3.62 0.00	23.39 -2.92 0.00	22.27 -3.15 0.00	22.31 -3.10 0.00	22.49 -3.10 0.00	23.04 -3.47 0.00	26.11 -3.80 0.00	30.59 -4.17 0.00	32.23 -5.03 0.00	28.07 -3.43 0.00	26.00 -4.34 0.00	22.17 -3.17 0.00	20.11 -2.82 0.00	18.87 -1.80 0.00
MODERN_LFGE___ 323580	19.46 -1.62 0.00	18.16 -1.49 0.00	17.64 -1.62 0.00	18.07 -1.64 0.00	19.35 -1.68 0.00	20.96 -1.48 0.00	24.99 -2.90 0.00	26.58 -3.69 0.00	26.19 -3.91 0.00	25.80 -3.82 0.00	24.20 -3.62 0.00	23.39 -2.92 0.00	22.27 -3.15 0.00	22.31 -3.10 0.00	22.49 -3.10 0.00	23.04 -3.47 0.00	26.11 -3.80 0.00	30.59 -4.17 0.00	32.23 -5.03 0.00	28.07 -3.43 0.00	26.00 -4.34 0.00	22.17 -3.17 0.00	20.11 -2.82 0.00	18.87 -1.80 0.00
MOHAWK_PAPER___DRP 24187	21.65 0.57 0.00	20.24 0.59 0.00	19.82 0.56 0.00	20.20 0.49 0.00	21.46 0.42 0.00	22.89 0.45 0.00	28.57 0.67 0.00	31.31 1.03 0.00	31.09 0.99 0.00	30.39 0.77 0.00	28.51 0.70 0.00	27.02 0.71 0.00	26.11 0.69 0.00	26.10 0.69 0.00	26.28 0.69 0.00	27.25 0.74 0.00	30.87 0.96 0.00	36.29 1.53 0.00	38.98 1.71 0.00	32.93 1.42 0.00	31.55 1.21 0.00	26.20 0.86 0.00	23.78 0.85 0.00	21.45 0.79 0.00
MOHICAN___35_KV_115KV_LD 80490	21.71 0.63 0.00	20.32 0.67 0.00	19.87 0.62 0.00	20.28 0.57 0.00	21.58 0.55 0.00	23.09 0.65 0.00	28.82 0.92 0.00	31.52 1.24 0.00	31.39 1.29 0.00	30.66 1.04 0.00	28.71 0.89 0.00	27.18 0.87 0.00	26.24 0.81 0.00	26.22 0.81 0.00	26.39 0.79 0.00	27.44 0.93 0.00	31.08 1.17 0.00	36.64 1.88 0.00	39.31 2.05 0.00	33.15 1.64 0.00	31.79 1.46 0.00	26.33 0.99 0.00	23.78 0.85 0.00	21.45 0.79 0.00
MONGAUP___HYD 23641	21.44 0.36 0.00	20.00 0.35 0.00	19.61 0.35 0.00	19.92 0.22 0.00	21.14 0.11 0.00	22.60 0.16 0.00	28.04 0.14 0.00	31.24 0.97 0.00	31.03 0.93 0.00	30.36 0.74 0.00	28.46 0.64 0.00	26.94 0.63 0.00	26.06 0.64 0.00	26.05 0.64 0.00	26.28 0.69 0.00	27.28 0.77 0.00	30.87 0.96 0.00	36.46 1.70 0.00	39.35 2.09 0.00	33.15 1.64 0.00	31.97 1.64 0.00	26.30 0.96 0.00	23.87 0.94 0.00	21.50 0.83 0.00
MONTAUK___DIESEL 23721	22.83 1.75 0.00	21.26 1.61 0.00	20.82 1.56 0.00	21.17 1.46 0.00	22.42 1.39 0.00	24.06 1.62 0.00	30.13 2.23 0.00	32.94 2.66 0.00	32.69 2.59 0.00	32.02 2.40 0.00	30.48 2.50 -0.16	28.73 2.42 0.00	27.69 2.26 0.00	27.57 2.16 0.00	29.42 2.33 -1.50	30.77 2.39 -1.87	33.15 3.02 -0.22	42.93 4.31 -3.86	46.92 4.70 -4.97	40.72 3.88 -5.34	35.19 3.40 -1.46	31.35 2.53 -3.48	27.25 2.32 -2.00	23.21 2.09 -0.46
MOONROAD_115KV_HARTFLD_TB1-2 355988	20.13 -0.95 0.00	18.77 -0.88 0.00	18.20 -1.06 0.00	18.70 -1.01 0.00	19.94 -1.09 0.00	21.72 -0.72 0.00	26.25 -1.65 0.00	27.85 -2.42 0.00	27.57 -2.53 0.00	27.13 -2.49 0.00	25.51 -2.31 0.00	24.18 -2.13 0.00	23.47 -1.96 0.00	23.51 -1.91 0.00	23.44 -2.15 0.00	24.18 -2.33 0.00	27.37 -2.54 0.00	31.91 -2.85 0.00	33.57 -3.69 0.00	28.45 -3.06 0.00	26.63 -3.70 0.00	22.32 -3.02 0.00	20.30 -2.64 0.00	19.28 -1.38 0.00
MORTIMER_115KV_TB3 55949	20.30 -0.78 0.00	18.98 -0.67 0.00	18.49 -0.77 0.00	18.92 -0.79 0.00	20.22 -0.82 0.00	21.77 -0.67 0.00	26.50 -1.39 0.00	28.52 -1.76 0.00	28.17 -1.93 0.00	27.64 -1.98 0.00	25.95 -1.86 0.00	24.52 -1.79 0.00	23.82 -1.60 0.00	23.81 -1.60 0.00	23.93 -1.66 0.00	24.76 -1.75 0.00	28.09 -1.82 0.00	32.67 -2.09 0.00	34.95 -2.31 0.00	29.68 -1.83 0.00	28.21 -2.12 0.00	23.57 -1.77 0.00	21.44 -1.49 0.00	19.88 -0.79 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	21.67 0.59 0.00	20.20 0.55 0.00	19.80 0.54 0.00	20.10 0.39 0.00	21.27 0.23 0.00	22.73 0.29 0.00	28.62 0.73 0.00	31.67 1.39 0.00	31.54 1.44 0.00	30.75 1.13 0.00	28.90 1.08 0.00	27.41 1.10 0.00	26.49 1.07 0.00	26.48 1.07 0.00	26.69 1.10 0.00	27.65 1.14 0.00	31.35 1.44 0.00	36.88 2.12 0.00	39.68 2.42 0.00	33.59 2.08 0.00	32.09 1.76 0.00	26.58 1.24 0.00	24.15 1.22 0.00	21.68 1.01 0.00



MUNSVILLE_WIND_PWR 323609	22.71 1.62 0.00	21.22 1.57 0.00	20.66 1.41 0.00	21.13 1.42 0.00	22.59 1.56 0.00	24.19 1.75 0.00	30.21 2.31 0.00	33.03 2.75 0.00	32.42 2.32 0.00	31.58 1.95 0.00	29.40 1.58 0.00	27.52 1.21 0.00	26.44 1.02 0.00	26.45 1.04 0.00	26.74 1.15 0.00	27.81 1.30 0.00	31.67 1.76 0.00	37.47 2.71 0.00	40.09 2.83 0.00	34.03 2.52 0.00	32.25 1.91 0.00	26.81 1.47 0.00	24.13 1.19 0.00	21.99 1.32 0.00
N SALMON___HYD 24042	21.57 0.49 0.00	20.04 0.39 0.00	19.64 0.39 0.00	20.24 0.53 0.00	21.79 0.76 0.00	23.32 0.87 0.00	28.71 0.81 0.00	30.82 0.55 0.00	30.73 0.63 0.00	30.51 0.89 0.00	28.73 0.92 0.00	27.10 0.79 0.00	26.11 0.69 0.00	26.10 0.69 0.00	26.21 0.61 0.00	27.09 0.58 0.00	30.33 0.42 0.00	34.45 -0.31 0.00	36.63 -0.63 0.00	30.91 -0.60 0.00	29.94 -0.40 0.00	25.34 0.00 0.00	22.77 -0.16 0.00	20.19 -0.47 0.00
N.AKRON___115KV_KNAPP 355671	19.94 -1.14 0.00	18.65 -1.00 0.00	18.10 -1.16 0.00	18.56 -1.14 0.00	19.86 -1.18 0.00	21.52 -0.92 0.00	25.80 -2.09 0.00	27.61 -2.66 0.00	27.18 -2.92 0.00	26.63 -2.99 0.00	24.98 -2.84 0.00	23.63 -2.68 0.00	22.98 -2.44 0.00	23.00 -2.41 0.00	23.03 -2.56 0.00	23.81 -2.70 0.00	26.98 -2.93 0.00	31.46 -3.30 0.00	33.50 -3.76 0.00	28.58 -2.93 0.00	27.00 -3.34 0.00	22.58 -2.76 0.00	20.62 -2.32 0.00	19.39 -1.28 0.00
N.BELMOR_69_KV_BK1 55787	22.09 1.01 0.00	20.55 0.90 0.00	20.12 0.87 0.00	20.44 0.73 0.00	21.67 0.63 0.00	23.21 0.76 0.00	29.18 1.28 0.00	32.00 1.73 0.00	31.79 1.69 0.00	31.13 1.51 0.00	30.27 1.53 -0.92	27.91 1.60 0.00	26.95 1.53 0.00	26.91 1.50 0.00	28.70 1.59 -1.52	30.16 1.70 -1.95	32.26 2.09 -0.26	41.54 2.92 -3.86	45.47 3.24 -4.97	39.65 2.80 -5.34	34.25 2.46 -1.46	30.74 1.80 -3.60	26.79 1.70 -2.16	22.63 1.49 -0.47
N.E._GEN_SANDY PD 24062	21.53 0.44 0.00	20.14 0.49 0.00	19.72 0.46 0.00	20.06 0.36 0.00	21.27 0.23 0.00	22.69 0.25 0.00	28.40 0.50 0.00	31.24 0.97 0.00	31.00 0.90 0.00	30.25 0.62 0.00	28.37 0.56 0.00	26.81 0.50 0.00	25.98 0.56 0.00	25.97 0.56 0.00	26.15 0.56 0.00	27.12 0.61 0.00	30.72 0.81 0.00	36.15 1.39 0.00	38.90 1.64 0.00	32.80 1.29 0.00	31.34 1.18 0.17	26.25 0.74 -0.17	23.71 0.78 0.00	21.39 0.72 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	21.61 0.53 0.00	20.16 0.51 0.00	19.74 0.48 0.00	20.04 0.34 0.00	21.23 0.19 0.00	22.71 0.27 0.00	28.54 0.64 0.00	31.52 1.24 0.00	31.39 1.29 0.00	30.60 0.98 0.00	28.73 0.92 0.00	27.26 0.95 0.00	26.34 0.92 0.00	26.33 0.91 0.00	26.54 0.95 0.00	27.49 0.98 0.00	31.23 1.32 0.00	36.74 1.98 0.00	39.50 2.24 0.00	33.40 1.89 0.00	31.94 1.61 0.00	26.48 1.14 0.00	24.03 1.10 0.00	21.62 0.95 0.00
N.QUEENS_27_KV_LOAD 356247	21.93 0.84 0.00	20.42 0.77 0.00	20.01 0.75 0.00	20.28 0.57 0.00	21.41 0.38 0.00	22.71 0.27 0.00	28.54 0.64 0.00	31.55 1.27 0.00	31.45 1.35 0.00	30.63 1.01 0.00	28.82 1.00 0.00	27.36 1.05 0.00	26.44 1.02 0.00	26.43 1.02 0.00	26.64 1.05 0.00	27.60 1.09 0.00	31.29 1.38 0.00	36.78 2.02 0.00	39.57 2.31 0.00	33.52 2.02 0.00	32.00 1.67 0.00	26.51 1.17 0.00	24.22 1.28 0.00	21.85 1.18 0.00
N.TROY___115KV_TB1 355778	21.53 0.44 0.00	20.14 0.49 0.00	19.72 0.46 0.00	20.08 0.37 0.00	21.33 0.29 0.00	22.78 0.34 0.00	28.43 0.53 0.00	31.15 0.88 0.00	30.91 0.81 0.00	30.21 0.59 0.00	28.32 0.50 0.00	26.84 0.53 0.00	25.93 0.51 0.00	25.92 0.51 0.00	26.10 0.51 0.00	27.07 0.56 0.00	30.66 0.75 0.00	36.08 1.32 0.00	38.75 1.49 0.00	32.74 1.23 0.00	31.37 1.03 0.00	26.02 0.68 0.00	23.62 0.69 0.00	21.31 0.64 0.00
NARROWS_GT1_1 24228	21.84 0.76 0.00	20.36 0.71 0.00	19.95 0.69 0.00	20.24 0.53 0.00	21.37 0.34 0.00	22.78 0.34 0.00	28.68 0.78 0.00	31.73 1.45 0.00	31.60 1.50 0.00	30.75 1.13 0.00	28.93 1.11 0.00	27.39 1.08 0.00	26.54 1.12 0.00	26.53 1.12 0.00	26.72 1.12 0.00	27.73 1.22 0.00	31.46 1.55 0.00	36.99 2.23 0.00	39.91 2.65 0.00	33.62 2.11 0.00	32.22 1.88 0.00	26.58 1.24 0.00	24.29 1.35 0.00	21.87 1.20 0.00
NARROWS_GT1_2 24229	21.84 0.76 0.00	20.36 0.71 0.00	19.95 0.69 0.00	20.24 0.53 0.00	21.37 0.34 0.00	22.78 0.34 0.00	28.68 0.78 0.00	31.73 1.45 0.00	31.60 1.50 0.00	30.75 1.13 0.00	28.93 1.11 0.00	27.39 1.08 0.00	26.54 1.12 0.00	26.53 1.12 0.00	26.72 1.12 0.00	27.73 1.22 0.00	31.46 1.55 0.00	36.99 2.23 0.00	39.91 2.65 0.00	33.62 2.11 0.00	32.22 1.88 0.00	26.58 1.24 0.00	24.29 1.35 0.00	21.87 1.20 0.00
NARROWS_GT1_3 24230	21.84 0.76 0.00	20.36 0.71 0.00	19.95 0.69 0.00	20.24 0.53 0.00	21.37 0.34 0.00	22.78 0.34 0.00	28.68 0.78 0.00	31.73 1.45 0.00	31.60 1.50 0.00	30.75 1.13 0.00	28.93 1.11 0.00	27.39 1.08 0.00	26.54 1.12 0.00	26.53 1.12 0.00	26.72 1.12 0.00	27.73 1.22 0.00	31.46 1.55 0.00	36.99 2.23 0.00	39.91 2.65 0.00	33.62 2.11 0.00	32.22 1.88 0.00	26.58 1.24 0.00	24.29 1.35 0.00	21.87 1.20 0.00
NARROWS_GT1_4 24231	21.84 0.76 0.00	20.36 0.71 0.00	19.95 0.69 0.00	20.24 0.53 0.00	21.37 0.34 0.00	22.78 0.34 0.00	28.68 0.78 0.00	31.73 1.45 0.00	31.60 1.50 0.00	30.75 1.13 0.00	28.93 1.11 0.00	27.39 1.08 0.00	26.54 1.12 0.00	26.53 1.12 0.00	26.72 1.12 0.00	27.73 1.22 0.00	31.46 1.55 0.00	36.99 2.23 0.00	39.91 2.65 0.00	33.62 2.11 0.00	32.22 1.88 0.00	26.58 1.24 0.00	24.29 1.35 0.00	21.87 1.20 0.00
NARROWS_GT1_5 24232	21.84 0.76 0.00	20.36 0.71 0.00	19.95 0.69 0.00	20.24 0.53 0.00	21.37 0.34 0.00	22.78 0.34 0.00	28.68 0.78 0.00	31.73 1.45 0.00	31.60 1.50 0.00	30.75 1.13 0.00	28.93 1.11 0.00	27.39 1.08 0.00	26.54 1.12 0.00	26.53 1.12 0.00	26.72 1.12 0.00	27.73 1.22 0.00	31.46 1.55 0.00	36.99 2.23 0.00	39.91 2.65 0.00	33.62 2.11 0.00	32.22 1.88 0.00	26.58 1.24 0.00	24.29 1.35 0.00	21.87 1.20 0.00
NARROWS_GT1_6 24233	21.84 0.76 0.00	20.36 0.71 0.00	19.95 0.69 0.00	20.24 0.53 0.00	21.37 0.34 0.00	22.78 0.34 0.00	28.68 0.78 0.00	31.73 1.45 0.00	31.60 1.50 0.00	30.75 1.13 0.00	28.93 1.11 0.00	27.39 1.08 0.00	26.54 1.12 0.00	26.53 1.12 0.00	26.72 1.12 0.00	27.73 1.22 0.00	31.46 1.55 0.00	36.99 2.23 0.00	39.91 2.65 0.00	33.62 2.11 0.00	32.22 1.88 0.00	26.58 1.24 0.00	24.29 1.35 0.00	21.87 1.20 0.00
NARROWS_GT1_7 24234	21.84 0.76 0.00	20.36 0.71 0.00	19.95 0.69 0.00	20.24 0.53 0.00	21.37 0.34 0.00	22.78 0.34 0.00	28.68 0.78 0.00	31.73 1.45 0.00	31.60 1.50 0.00	30.75 1.13 0.00	28.93 1.11 0.00	27.39 1.08 0.00	26.54 1.12 0.00	26.53 1.12 0.00	26.72 1.12 0.00	27.73 1.22 0.00	31.46 1.55 0.00	36.99 2.23 0.00	39.91 2.65 0.00	33.62 2.11 0.00	32.22 1.88 0.00	26.58 1.24 0.00	24.29 1.35 0.00	21.87 1.20 0.00



NARROWS_GT1_8 24235	21.84 0.76 0.00	20.36 0.71 0.00	19.95 0.69 0.00	20.24 0.53 0.00	21.37 0.34 0.00	22.78 0.34 0.00	28.68 0.78 0.00	31.73 1.45 0.00	31.60 1.50 0.00	30.75 1.13 0.00	28.93 1.11 0.00	27.39 1.08 0.00	26.54 1.12 0.00	26.53 1.12 0.00	26.72 1.12 0.00	27.73 1.22 0.00	31.46 1.55 0.00	36.99 2.23 0.00	39.91 2.65 0.00	33.62 2.11 0.00	32.22 1.88 0.00	26.58 1.24 0.00	24.29 1.35 0.00	21.87 1.20 0.00
NARROWS_GT2_1 24236	21.84 0.76 0.00	20.36 0.71 0.00	19.95 0.69 0.00	20.24 0.53 0.00	21.37 0.34 0.00	22.78 0.34 0.00	28.68 0.78 0.00	31.73 1.45 0.00	31.60 1.50 0.00	30.75 1.13 0.00	28.93 1.11 0.00	27.39 1.08 0.00	26.54 1.12 0.00	26.53 1.12 0.00	26.72 1.12 0.00	27.73 1.22 0.00	31.46 1.55 0.00	36.99 2.23 0.00	39.91 2.65 0.00	33.62 2.11 0.00	32.22 1.88 0.00	26.58 1.24 0.00	24.29 1.35 0.00	21.87 1.20 0.00
NARROWS_GT2_2 24237	21.84 0.76 0.00	20.36 0.71 0.00	19.95 0.69 0.00	20.24 0.53 0.00	21.37 0.34 0.00	22.78 0.34 0.00	28.68 0.78 0.00	31.73 1.45 0.00	31.60 1.50 0.00	30.75 1.13 0.00	28.93 1.11 0.00	27.39 1.08 0.00	26.54 1.12 0.00	26.53 1.12 0.00	26.72 1.12 0.00	27.73 1.22 0.00	31.46 1.55 0.00	36.99 2.23 0.00	39.91 2.65 0.00	33.62 2.11 0.00	32.22 1.88 0.00	26.58 1.24 0.00	24.29 1.35 0.00	21.87 1.20 0.00
NARROWS_GT2_3 24238	21.84 0.76 0.00	20.36 0.71 0.00	19.95 0.69 0.00	20.24 0.53 0.00	21.37 0.34 0.00	22.78 0.34 0.00	28.68 0.78 0.00	31.73 1.45 0.00	31.60 1.50 0.00	30.75 1.13 0.00	28.93 1.11 0.00	27.39 1.08 0.00	26.54 1.12 0.00	26.53 1.12 0.00	26.72 1.12 0.00	27.73 1.22 0.00	31.46 1.55 0.00	36.99 2.23 0.00	39.91 2.65 0.00	33.62 2.11 0.00	32.22 1.88 0.00	26.58 1.24 0.00	24.29 1.35 0.00	21.87 1.20 0.00
NARROWS_GT2_4 24239	21.84 0.76 0.00	20.36 0.71 0.00	19.95 0.69 0.00	20.24 0.53 0.00	21.37 0.34 0.00	22.78 0.34 0.00	28.68 0.78 0.00	31.73 1.45 0.00	31.60 1.50 0.00	30.75 1.13 0.00	28.93 1.11 0.00	27.39 1.08 0.00	26.54 1.12 0.00	26.53 1.12 0.00	26.72 1.12 0.00	27.73 1.22 0.00	31.46 1.55 0.00	36.99 2.23 0.00	39.91 2.65 0.00	33.62 2.11 0.00	32.22 1.88 0.00	26.58 1.24 0.00	24.29 1.35 0.00	21.87 1.20 0.00
NARROWS_GT2_5 24240	21.84 0.76 0.00	20.36 0.71 0.00	19.95 0.69 0.00	20.24 0.53 0.00	21.37 0.34 0.00	22.78 0.34 0.00	28.68 0.78 0.00	31.73 1.45 0.00	31.60 1.50 0.00	30.75 1.13 0.00	28.93 1.11 0.00	27.39 1.08 0.00	26.54 1.12 0.00	26.53 1.12 0.00	26.72 1.12 0.00	27.73 1.22 0.00	31.46 1.55 0.00	36.99 2.23 0.00	39.91 2.65 0.00	33.62 2.11 0.00	32.22 1.88 0.00	26.58 1.24 0.00	24.29 1.35 0.00	21.87 1.20 0.00
NARROWS_GT2_6 24241	21.84 0.76 0.00	20.36 0.71 0.00	19.95 0.69 0.00	20.24 0.53 0.00	21.37 0.34 0.00	22.78 0.34 0.00	28.68 0.78 0.00	31.73 1.45 0.00	31.60 1.50 0.00	30.75 1.13 0.00	28.93 1.11 0.00	27.39 1.08 0.00	26.54 1.12 0.00	26.53 1.12 0.00	26.72 1.12 0.00	27.73 1.22 0.00	31.46 1.55 0.00	36.99 2.23 0.00	39.91 2.65 0.00	33.62 2.11 0.00	32.22 1.88 0.00	26.58 1.24 0.00	24.29 1.35 0.00	21.87 1.20 0.00
NARROWS_GT2_7 24242	21.84 0.76 0.00	20.36 0.71 0.00	19.95 0.69 0.00	20.24 0.53 0.00	21.37 0.34 0.00	22.78 0.34 0.00	28.68 0.78 0.00	31.73 1.45 0.00	31.60 1.50 0.00	30.75 1.13 0.00	28.93 1.11 0.00	27.39 1.08 0.00	26.54 1.12 0.00	26.53 1.12 0.00	26.72 1.12 0.00	27.73 1.22 0.00	31.46 1.55 0.00	36.99 2.23 0.00	39.91 2.65 0.00	33.62 2.11 0.00	32.22 1.88 0.00	26.58 1.24 0.00	24.29 1.35 0.00	21.87 1.20 0.00
NARROWS_GT2_8 24243	21.84 0.76 0.00	20.36 0.71 0.00	19.95 0.69 0.00	20.24 0.53 0.00	21.37 0.34 0.00	22.78 0.34 0.00	28.68 0.78 0.00	31.73 1.45 0.00	31.60 1.50 0.00	30.75 1.13 0.00	28.93 1.11 0.00	27.39 1.08 0.00	26.54 1.12 0.00	26.53 1.12 0.00	26.72 1.12 0.00	27.73 1.22 0.00	31.46 1.55 0.00	36.99 2.23 0.00	39.91 2.65 0.00	33.62 2.11 0.00	32.22 1.88 0.00	26.58 1.24 0.00	24.29 1.35 0.00	21.87 1.20 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	21.97 0.89 0.00	20.55 0.90 0.00	20.12 0.87 0.00	20.52 0.81 0.00	21.86 0.82 0.00	23.32 0.88 0.00	28.96 1.06 0.00	31.64 1.36 0.00	31.33 1.23 0.00	30.57 0.95 0.00	28.54 0.72 0.00	26.99 0.68 0.00	26.11 0.69 0.00	26.12 0.71 0.00	26.31 0.72 0.00	27.31 0.80 0.00	30.99 1.08 0.00	36.57 1.81 0.00	39.31 2.05 0.00	33.15 1.64 0.00	31.73 1.40 0.00	26.28 0.94 0.00	23.85 0.92 0.00	21.54 0.87 0.00
NCHELSEA_115KV_TR2 355582	21.71 0.63 0.00	20.28 0.63 0.00	19.86 0.60 0.00	20.18 0.47 0.00	21.39 0.36 0.00	22.87 0.43 0.00	28.65 0.75 0.00	31.64 1.36 0.00	31.45 1.35 0.00	30.69 1.07 0.00	28.76 0.95 0.00	27.26 0.95 0.00	26.31 0.89 0.00	26.33 0.91 0.00	26.56 0.97 0.00	27.52 1.01 0.00	31.29 1.38 0.00	36.84 2.09 0.00	39.65 2.38 0.00	33.46 1.95 0.00	32.00 1.67 0.00	26.48 1.14 0.00	24.01 1.08 0.00	21.60 0.93 0.00
NEG CAPITAL___MECHNVIL 23645	21.69 0.61 0.00	20.30 0.65 0.00	19.87 0.62 0.00	20.26 0.55 0.00	21.54 0.50 0.00	23.03 0.58 0.00	28.73 0.84 0.00	31.43 1.15 0.00	31.24 1.14 0.00	30.51 0.89 0.00	28.59 0.78 0.00	27.02 0.71 0.00	26.18 0.76 0.00	26.17 0.76 0.00	26.33 0.74 0.00	27.36 0.85 0.00	30.96 1.05 0.00	36.43 1.67 0.00	39.12 1.86 0.00	32.99 1.48 0.00	31.67 1.33 0.00	26.23 0.89 0.00	23.76 0.82 0.00	21.45 0.79 0.00
NEG CENTRAL_HIGH_ACRES 23767	20.09 -0.99 0.00	18.75 -0.90 0.00	18.28 -0.98 0.00	18.72 -0.98 0.00	19.98 -1.05 0.00	21.46 -0.99 0.00	26.28 -1.62 0.00	28.43 -1.85 0.00	28.11 -1.99 0.00	27.58 -2.04 0.00	25.90 -1.92 0.00	24.68 -1.63 0.00	23.67 -1.75 0.00	23.66 -1.75 0.00	23.90 -1.69 0.00	24.63 -1.88 0.00	27.93 -1.97 0.00	32.64 -2.12 0.00	34.84 -2.42 0.00	29.81 -1.70 0.00	28.12 -2.21 0.00	23.62 -1.72 0.00	21.37 -1.56 0.00	19.68 -0.99 0.00
NEG CENTRAL___DRP 24199	21.02 -0.06 0.00	19.65 0.00 0.00	19.18 -0.08 0.00	19.61 -0.10 0.00	20.91 -0.13 0.00	22.42 -0.02 0.00	27.76 -0.14 0.00	30.16 -0.12 0.00	29.80 -0.30 0.00	29.15 -0.47 0.00	27.37 -0.45 0.00	25.81 -0.50 0.00	24.97 -0.46 0.00	24.93 -0.48 0.00	25.11 -0.49 0.00	25.98 -0.53 0.00	29.43 -0.48 0.00	34.38 -0.38 0.00	36.89 -0.37 0.00	31.38 -0.13 0.00	29.88 -0.46 0.00	24.88 -0.46 0.00	22.52 -0.41 0.00	20.67 0.00 0.00
NEG CENTRAL___INDECK 23768	21.31 0.23 0.00	19.91 0.25 0.00	19.36 0.10 0.00	19.83 0.12 0.00	21.16 0.13 0.00	22.82 0.38 0.00	28.09 0.20 0.00	30.28 0.00 0.00	29.68 -0.42 0.00	28.88 -0.74 0.00	27.07 -0.75 0.00	25.71 -0.60 0.00	24.71 -0.71 0.00	24.62 -0.79 0.00	24.88 -0.72 0.00	25.66 -0.85 0.00	29.16 -0.75 0.00	34.27 -0.49 0.00	36.89 -0.37 0.00	31.76 0.25 0.00	29.91 -0.42 0.00	25.04 -0.30 0.00	22.59 -0.34 0.00	20.77 0.10 0.00



NEG CENTRAL___SENECA 23627	21.06 -0.02 0.00	19.69 0.04 0.00	19.20 -0.06 0.00	19.65 -0.06 0.00	20.95 -0.08 0.00	22.53 0.09 0.00	27.84 -0.06 0.00	30.22 -0.06 0.00	29.80 -0.30 0.00	29.15 -0.47 0.00	27.34 -0.47 0.00	25.76 -0.55 0.00	24.94 -0.48 0.00	24.88 -0.53 0.00	25.05 -0.54 0.00	25.93 -0.58 0.00	29.40 -0.51 0.00	34.27 -0.49 0.00	36.82 -0.45 0.00	31.41 -0.09 0.00	29.82 -0.52 0.00	24.81 -0.53 0.00	22.45 -0.48 0.00	20.67 0.00 0.00
NEG CENTRAL___STATE_STREET 24147	21.06 -0.02 0.00	19.69 0.04 0.00	19.22 -0.04 0.00	19.67 -0.04 0.00	20.95 -0.08 0.00	22.40 -0.04 0.00	27.76 -0.14 0.00	30.22 -0.06 0.00	29.86 -0.24 0.00	29.36 -0.27 0.00	27.51 -0.31 0.00	25.97 -0.34 0.00	25.12 -0.31 0.00	25.11 -0.30 0.00	25.28 -0.31 0.00	26.19 -0.32 0.00	29.64 -0.27 0.00	34.66 -0.10 0.00	37.15 -0.11 0.00	31.51 0.00 0.00	30.09 -0.24 0.00	25.04 -0.30 0.00	22.66 -0.28 0.00	20.77 0.10 0.00
NEG MILLWOOD___DRP 24198	21.82 0.74 0.00	20.34 0.69 0.00	19.91 0.65 0.00	20.24 0.53 0.00	21.41 0.38 0.00	22.94 0.49 0.00	28.76 0.86 0.00	31.82 1.54 0.00	31.70 1.60 0.00	30.87 1.24 0.00	28.99 1.17 0.00	27.47 1.16 0.00	26.49 1.07 0.00	26.48 1.07 0.00	26.72 1.13 0.00	27.68 1.17 0.00	31.49 1.59 0.00	37.02 2.26 0.00	39.91 2.65 0.00	33.65 2.14 0.00	32.22 1.88 0.00	26.63 1.29 0.00	24.10 1.17 0.00	21.68 1.01 0.00
NEG NORTH_FLCN_SEA 23793	21.80 0.72 0.00	20.26 0.61 0.00	19.86 0.60 0.00	20.46 0.75 0.00	21.96 0.93 0.00	23.50 1.05 0.00	28.65 0.75 0.00	30.76 0.48 0.00	30.67 0.57 0.00	30.42 0.80 0.00	28.65 0.83 0.00	27.05 0.74 0.00	26.06 0.64 0.00	26.05 0.64 0.00	26.13 0.54 0.00	27.04 0.53 0.00	30.30 0.39 0.00	34.06 -0.70 0.00	36.14 -1.12 0.00	30.78 -0.72 0.00	29.67 -0.67 0.00	25.34 0.00 0.00	22.77 -0.16 0.00	20.26 -0.41 0.00
NEG NORTH_KES_CHATEGAY 23792	21.57 0.48 0.00	20.02 0.37 0.00	19.64 0.39 0.00	20.24 0.53 0.00	21.75 0.72 0.00	23.23 0.79 0.00	28.54 0.64 0.00	30.64 0.36 0.00	30.55 0.45 0.00	30.30 0.68 0.00	28.54 0.72 0.00	26.94 0.63 0.00	25.93 0.51 0.00	25.92 0.51 0.00	26.03 0.44 0.00	26.93 0.42 0.00	30.18 0.27 0.00	34.20 -0.56 0.00	36.37 -0.89 0.00	30.75 -0.76 0.00	29.67 -0.67 0.00	25.16 -0.18 0.00	22.61 -0.32 0.00	20.07 -0.60 0.00
NEG NORTH___ALICE_FALLS 23915	21.80 0.72 0.00	20.26 0.61 0.00	19.86 0.60 0.00	20.46 0.75 0.00	21.98 0.95 0.00	23.50 1.05 0.00	28.79 0.89 0.00	30.88 0.61 0.00	30.79 0.69 0.00	30.54 0.92 0.00	28.79 0.97 0.00	27.15 0.84 0.00	26.16 0.74 0.00	26.15 0.74 0.00	26.23 0.64 0.00	27.15 0.64 0.00	30.48 0.57 0.00	34.38 -0.38 0.00	36.52 -0.75 0.00	30.97 -0.54 0.00	29.85 -0.49 0.00	25.39 0.05 0.00	22.80 -0.14 0.00	20.28 -0.39 0.00
NEG NORTH___LWR_SARANAC 23913	21.80 0.72 0.00	20.26 0.61 0.00	19.86 0.60 0.00	20.46 0.75 0.00	21.98 0.95 0.00	23.50 1.05 0.00	28.79 0.89 0.00	30.88 0.61 0.00	30.79 0.69 0.00	30.54 0.92 0.00	28.79 0.97 0.00	27.15 0.84 0.00	26.16 0.74 0.00	26.15 0.74 0.00	26.23 0.64 0.00	27.15 0.64 0.00	30.48 0.57 0.00	34.38 -0.38 0.00	36.52 -0.75 0.00	30.97 -0.54 0.00	29.85 -0.49 0.00	25.39 0.05 0.00	22.80 -0.14 0.00	20.28 -0.39 0.00
NEG NORTH___PLATTSBURG 23628	21.80 0.72 0.00	20.26 0.61 0.00	19.86 0.60 0.00	20.46 0.75 0.00	21.98 0.95 0.00	23.50 1.06 0.00	28.79 0.89 0.00	30.88 0.61 0.00	30.79 0.69 0.00	30.54 0.92 0.00	28.79 0.97 0.00	27.15 0.84 0.00	26.16 0.74 0.00	26.15 0.74 0.00	26.23 0.64 0.00	27.15 0.64 0.00	30.48 0.57 0.00	34.38 -0.38 0.00	36.52 -0.74 0.00	30.97 -0.54 0.00	29.82 -0.52 0.00	25.39 0.05 0.00	22.80 -0.14 0.00	20.28 -0.39 0.00
NEG WEST_LEA_LOCKPORT 23791	19.61 -1.48 0.00	18.33 -1.32 0.00	17.79 -1.46 0.00	18.25 -1.46 0.00	19.52 -1.51 0.00	21.19 -1.26 0.00	25.27 -2.62 0.00	26.95 -3.33 0.00	26.55 -3.55 0.00	26.07 -3.55 0.00	24.48 -3.34 0.00	23.18 -3.13 0.00	22.55 -2.87 0.00	22.59 -2.82 0.00	22.60 -2.99 0.00	23.36 -3.15 0.00	26.38 -3.53 0.00	30.73 -4.03 0.00	32.60 -4.66 0.00	27.85 -3.65 0.00	26.27 -4.06 0.00	22.02 -3.32 0.00	20.16 -2.77 0.00	19.06 -1.61 0.00
NEG WEST___LANCASTER 23811	20.30 -0.78 0.00	18.98 -0.67 0.00	18.43 -0.83 0.00	18.88 -0.83 0.00	20.19 -0.84 0.00	21.93 -0.52 0.00	26.42 -1.48 0.00	27.91 -2.36 0.00	27.60 -2.50 0.00	27.10 -2.52 0.00	25.45 -2.36 0.00	24.13 -2.18 0.00	23.44 -1.98 0.00	23.45 -1.96 0.00	23.44 -2.15 0.00	24.23 -2.28 0.00	27.46 -2.45 0.00	32.08 -2.68 0.00	33.98 -3.28 0.00	29.02 -2.49 0.00	27.36 -2.97 0.00	22.98 -2.36 0.00	20.98 -1.95 0.00	19.82 -0.85 0.00
NEG_PENN_ALLEGHNY 23528	21.12 0.04 0.00	19.73 0.08 0.00	19.26 0.00 0.00	19.69 -0.02 0.00	20.97 -0.06 0.00	22.49 0.04 0.00	27.84 -0.06 0.00	30.37 0.09 0.00	30.07 -0.03 0.00	29.47 -0.15 0.00	27.65 -0.17 0.00	26.15 -0.16 0.00	25.22 -0.20 0.00	25.18 -0.23 0.00	25.41 -0.18 0.00	26.27 -0.24 0.00	29.76 -0.15 0.00	34.83 0.07 0.00	37.30 0.04 0.00	31.73 0.22 0.00	30.18 -0.15 0.00	25.21 -0.13 0.00	22.84 -0.09 0.00	20.85 0.19 0.00
NEG___GEN_MONROE 24207	20.32 -0.76 0.00	19.00 -0.65 0.00	18.51 -0.75 0.00	18.98 -0.73 0.00	20.28 -0.76 0.00	21.88 -0.56 0.00	26.56 -1.34 0.00	28.58 -1.70 0.00	28.14 -1.96 0.00	27.55 -2.07 0.00	25.87 -1.95 0.00	24.42 -1.89 0.00	23.69 -1.73 0.00	23.71 -1.70 0.00	23.80 -1.79 0.00	24.63 -1.88 0.00	27.94 -1.97 0.00	32.50 -2.26 0.00	34.77 -2.50 0.00	29.59 -1.92 0.00	28.09 -2.24 0.00	23.52 -1.82 0.00	21.37 -1.56 0.00	19.92 -0.74 0.00
NEPA___ENERGY 23901	20.15 -0.93 0.00	18.84 -0.81 0.00	18.30 -0.96 0.00	18.74 -0.97 0.00	20.05 -0.99 0.00	21.77 -0.67 0.00	26.22 -1.67 0.00	27.76 -2.51 0.00	27.42 -2.68 0.00	26.96 -2.67 0.00	25.31 -2.50 0.00	23.99 -2.32 0.00	23.31 -2.11 0.00	23.33 -2.08 0.00	23.29 -2.30 0.00	24.05 -2.47 0.00	27.25 -2.66 0.00	31.84 -2.92 0.00	33.69 -3.58 0.00	28.77 -2.74 0.00	27.09 -3.25 0.00	22.81 -2.53 0.00	20.82 -2.11 0.00	19.68 -0.99 0.00
NEVERSINK___HYD 23608	21.44 0.36 0.00	20.02 0.37 0.00	19.61 0.35 0.00	19.92 0.22 0.00	21.14 0.11 0.00	22.60 0.16 0.00	28.31 0.42 0.00	31.22 0.94 0.00	31.03 0.93 0.00	30.25 0.62 0.00	28.37 0.56 0.00	26.78 0.47 0.00	25.17 -0.25 0.00	25.13 -0.28 0.00	25.36 -0.23 0.00	26.30 -0.21 0.00	29.94 0.03 0.00	35.28 0.52 0.00	38.01 0.74 0.00	32.01 0.50 0.00	31.55 1.21 0.00	26.02 0.68 0.00	23.62 0.69 0.00	21.29 0.62 0.00
NEWKRMKL_115KV_TB1 55635	21.67 0.59 0.00	20.28 0.63 0.00	19.86 0.60 0.00	20.22 0.51 0.00	21.50 0.46 0.00	22.94 0.49 0.00	28.59 0.70 0.00	31.37 1.09 0.00	31.15 1.05 0.00	30.48 0.86 0.00	28.57 0.75 0.00	27.10 0.79 0.00	26.19 0.76 0.00	26.17 0.76 0.00	26.36 0.77 0.00	27.33 0.82 0.00	30.93 1.02 0.00	36.36 1.60 0.00	39.05 1.79 0.00	32.99 1.48 0.00	31.61 1.27 0.00	26.23 0.89 0.00	23.80 0.87 0.00	21.47 0.81 0.00



NEWTON___FALLS_HYD 23847	20.89 -0.19 0.00	19.43 -0.22 0.00	19.05 -0.21 0.00	19.57 -0.14 0.00	21.10 0.06 0.00	22.53 0.09 0.00	27.98 0.08 0.00	30.40 0.12 0.00	30.13 0.03 0.00	29.68 0.06 0.00	27.84 0.03 0.00	26.28 -0.03 0.00	25.35 -0.08 0.00	25.34 -0.08 0.00	25.52 -0.08 0.00	26.38 -0.13 0.00	29.58 -0.33 0.00	34.20 -0.56 0.00	36.55 -0.71 0.00	30.91 -0.60 0.00	30.03 -0.30 0.00	25.21 -0.13 0.00	22.77 -0.16 0.00	20.30 -0.37 0.00
NGRID_A1_DSASP 323792	19.25 -1.83 0.00	17.98 -1.67 0.00	17.47 -1.79 0.00	17.89 -1.81 0.00	19.14 -1.89 0.00	20.81 -1.64 0.00	24.74 -3.15 0.00	26.22 -4.06 0.00	25.86 -4.24 0.00	25.47 -4.15 0.00	23.95 -3.87 0.00	23.12 -3.18 0.00	22.04 -3.38 0.00	22.08 -3.33 0.00	22.27 -3.33 0.00	22.77 -3.74 0.00	25.84 -4.07 0.00	30.28 -4.48 0.00	31.86 -5.40 0.00	27.79 -3.72 0.00	25.73 -4.61 0.00	21.95 -3.39 0.00	19.93 -3.00 0.00	18.70 -1.96 0.00
NGRID_A2_DSASP 323793	19.25 -1.83 0.00	17.98 -1.67 0.00	17.47 -1.79 0.00	17.89 -1.81 0.00	19.14 -1.89 0.00	20.81 -1.64 0.00	24.74 -3.15 0.00	26.22 -4.06 0.00	25.86 -4.24 0.00	25.47 -4.15 0.00	23.95 -3.87 0.00	23.12 -3.18 0.00	22.04 -3.38 0.00	22.08 -3.33 0.00	22.27 -3.33 0.00	22.77 -3.74 0.00	25.84 -4.07 0.00	30.28 -4.48 0.00	31.86 -5.40 0.00	27.79 -3.72 0.00	25.73 -4.61 0.00	21.95 -3.39 0.00	19.93 -3.00 0.00	18.70 -1.96 0.00
NGRID_A4_DSASP 323807	19.25 -1.83 0.00	17.98 -1.67 0.00	17.47 -1.79 0.00	17.89 -1.81 0.00	19.14 -1.89 0.00	20.81 -1.64 0.00	24.74 -3.15 0.00	26.22 -4.06 0.00	25.86 -4.24 0.00	25.47 -4.15 0.00	23.95 -3.87 0.00	23.12 -3.18 0.00	22.04 -3.38 0.00	22.08 -3.33 0.00	22.27 -3.33 0.00	22.77 -3.74 0.00	25.84 -4.07 0.00	30.28 -4.48 0.00	31.86 -5.40 0.00	27.79 -3.72 0.00	25.73 -4.61 0.00	21.95 -3.39 0.00	19.93 -3.00 0.00	18.70 -1.96 0.00
NIAGARA_115E_LBMP 323715	19.35 -1.73 0.00	18.08 -1.57 0.00	17.54 -1.71 0.00	17.99 -1.71 0.00	19.25 -1.79 0.00	20.85 -1.59 0.00	24.83 -3.07 0.00	26.34 -3.94 0.00	25.98 -4.12 0.00	25.59 -4.03 0.00	24.03 -3.78 0.00	23.20 -3.10 0.00	22.12 -3.30 0.00	22.16 -3.25 0.00	22.34 -3.25 0.00	22.85 -3.66 0.00	25.93 -3.98 0.00	30.38 -4.38 0.00	31.97 -5.29 0.00	27.89 -3.62 0.00	25.82 -4.52 0.00	22.02 -3.32 0.00	19.98 -2.96 0.00	18.77 -1.90 0.00
NIAGARA_115W_LBMP 323714	19.21 -1.88 0.00	17.92 -1.73 0.00	17.41 -1.85 0.00	17.85 -1.85 0.00	19.10 -1.93 0.00	20.76 -1.68 0.00	24.69 -3.21 0.00	26.16 -4.12 0.00	25.79 -4.31 0.00	25.42 -4.21 0.00	23.87 -3.95 0.00	23.07 -3.24 0.00	21.99 -3.43 0.00	22.03 -3.38 0.00	22.19 -3.40 0.00	22.72 -3.79 0.00	25.78 -4.13 0.00	30.21 -4.55 0.00	31.79 -5.48 0.00	27.73 -3.78 0.00	25.66 -4.67 0.00	21.89 -3.45 0.00	19.88 -3.05 0.00	18.66 -2.00 0.00
NIAGARA_230_LBMP 323716	19.54 -1.54 0.00	18.24 -1.42 0.00	17.72 -1.54 0.00	18.15 -1.56 0.00	19.44 -1.60 0.00	21.10 -1.35 0.00	25.13 -2.76 0.00	26.67 -3.60 0.00	26.31 -3.79 0.00	25.92 -3.70 0.00	24.34 -3.48 0.00	23.49 -2.81 0.00	22.40 -3.03 0.00	22.44 -2.97 0.00	22.62 -2.97 0.00	23.14 -3.37 0.00	26.26 -3.65 0.00	30.76 -4.00 0.00	32.38 -4.88 0.00	28.23 -3.28 0.00	26.18 -4.15 0.00	22.32 -3.02 0.00	20.27 -2.66 0.00	19.01 -1.65 0.00
NIAGARA___115KV_198_GIBSON 55903	19.19 -1.90 0.00	17.92 -1.73 0.00	17.41 -1.85 0.00	17.85 -1.85 0.00	19.10 -1.94 0.00	20.76 -1.68 0.00	24.69 -3.21 0.00	26.16 -4.12 0.00	25.80 -4.30 0.00	25.33 -4.30 0.00	23.84 -3.98 0.00	22.55 -3.76 0.00	21.99 -3.43 0.00	22.01 -3.41 0.00	22.01 -3.58 0.00	22.72 -3.79 0.00	25.78 -4.13 0.00	30.00 -4.76 0.00	31.78 -5.48 0.00	27.19 -4.32 0.00	25.66 -4.67 0.00	21.54 -3.80 0.00	19.75 -3.19 0.00	18.66 -2.00 0.00
NIAGARA____ 23760	19.54 -1.54 0.00	18.24 -1.42 0.00	17.72 -1.54 0.00	18.15 -1.56 0.00	19.44 -1.60 0.00	21.10 -1.35 0.00	25.13 -2.76 0.00	26.67 -3.60 0.00	26.31 -3.79 0.00	25.92 -3.70 0.00	24.34 -3.48 0.00	23.49 -2.81 0.00	22.40 -3.03 0.00	22.44 -2.97 0.00	22.62 -2.97 0.00	23.14 -3.37 0.00	26.26 -3.65 0.00	30.76 -4.00 0.00	32.38 -4.88 0.00	28.23 -3.28 0.00	26.18 -4.15 0.00	22.32 -3.02 0.00	20.27 -2.66 0.00	19.01 -1.65 0.00
NINE_MILE_1 23575	20.62 -0.46 0.00	19.24 -0.41 0.00	18.83 -0.42 0.00	19.25 -0.45 0.00	20.51 -0.53 0.00	21.84 -0.60 0.00	27.03 -0.86 0.00	29.37 -0.91 0.00	29.11 -0.99 0.00	28.56 -1.07 0.00	26.82 -1.00 0.00	25.41 -0.89 0.00	24.51 -0.91 0.00	24.50 -0.91 0.00	24.70 -0.90 0.00	25.56 -0.95 0.00	28.86 -1.05 0.00	33.68 -1.08 0.00	36.07 -1.19 0.00	30.59 -0.91 0.00	29.24 -1.09 0.00	24.45 -0.89 0.00	22.18 -0.76 0.00	20.28 -0.39 0.00
NINE_MILE_2 23744	20.62 -0.46 0.00	19.24 -0.41 0.00	18.83 -0.42 0.00	19.25 -0.45 0.00	20.53 -0.51 0.00	21.84 -0.60 0.00	27.03 -0.86 0.00	29.37 -0.91 0.00	29.11 -0.99 0.00	28.58 -1.04 0.00	26.84 -0.97 0.00	25.41 -0.89 0.00	24.53 -0.89 0.00	24.50 -0.91 0.00	24.70 -0.90 0.00	25.56 -0.95 0.00	28.89 -1.02 0.00	33.68 -1.08 0.00	36.07 -1.19 0.00	30.59 -0.91 0.00	29.27 -1.06 0.00	24.48 -0.86 0.00	22.18 -0.76 0.00	20.28 -0.39 0.00
NM_CAPITAL___DRP 24208	21.61 0.53 0.00	20.20 0.55 0.00	19.78 0.52 0.00	20.16 0.45 0.00	21.41 0.38 0.00	22.85 0.40 0.00	28.48 0.59 0.00	31.25 0.97 0.00	31.03 0.93 0.00	30.33 0.71 0.00	28.46 0.64 0.00	26.97 0.66 0.00	26.06 0.64 0.00	26.07 0.66 0.00	26.23 0.64 0.00	27.20 0.69 0.00	30.81 0.90 0.00	36.22 1.46 0.00	38.90 1.64 0.00	32.83 1.32 0.00	31.49 1.15 0.00	26.13 0.79 0.00	23.74 0.80 0.00	21.41 0.74 0.00
NM_CENTRAL___DRP 24181	20.89 -0.19 0.00	19.53 -0.12 0.00	19.08 -0.17 0.00	19.51 -0.20 0.00	20.78 -0.25 0.00	22.17 -0.27 0.00	27.45 -0.45 0.00	29.85 -0.42 0.00	29.62 -0.48 0.00	29.03 -0.59 0.00	27.29 -0.53 0.00	25.76 -0.55 0.00	24.94 -0.48 0.00	24.90 -0.51 0.00	25.08 -0.51 0.00	25.98 -0.53 0.00	29.34 -0.57 0.00	34.20 -0.56 0.00	36.67 -0.60 0.00	31.07 -0.44 0.00	29.73 -0.61 0.00	24.81 -0.53 0.00	22.50 -0.44 0.00	20.61 -0.06 0.00
NM_FRONTIER___DRP 24179	19.19 -1.90 0.00	17.92 -1.73 0.00	17.41 -1.85 0.00	17.85 -1.85 0.00	19.10 -1.94 0.00	20.76 -1.68 0.00	24.69 -3.21 0.00	26.16 -4.12 0.00	25.80 -4.30 0.00	25.33 -4.30 0.00	23.84 -3.98 0.00	22.55 -3.76 0.00	21.99 -3.43 0.00	22.01 -3.41 0.00	22.01 -3.58 0.00	22.72 -3.79 0.00	25.78 -4.13 0.00	30.00 -4.76 0.00	31.78 -5.48 0.00	27.19 -4.32 0.00	25.66 -4.67 0.00	21.54 -3.80 0.00	19.75 -3.19 0.00	18.66 -2.00 0.00
NM_ST_REGIS___HYD 24053	21.19 0.11 0.00	19.69 0.04 0.00	19.32 0.06 0.00	19.90 0.20 0.00	21.52 0.48 0.00	23.00 0.56 0.00	28.37 0.47 0.00	30.55 0.27 0.00	30.40 0.30 0.00	30.19 0.56 0.00	28.37 0.56 0.00	26.78 0.47 0.00	25.83 0.41 0.00	25.82 0.41 0.00	25.95 0.36 0.00	26.80 0.29 0.00	29.85 -0.06 0.00	34.10 -0.66 0.00	36.33 -0.93 0.00	30.69 -0.82 0.00	29.97 -0.36 0.00	25.34 0.00 0.00	22.86 -0.07 0.00	20.19 -0.48 0.00



NORTHPORT___1 23551	22.03 0.95 0.00	20.49 0.84 0.00	20.09 0.83 0.00	20.40 0.69 0.00	21.58 0.55 0.00	23.14 0.70 0.00	29.01 1.12 0.00	31.61 1.33 0.00	31.42 1.32 0.00	30.81 1.19 0.00	29.41 1.45 -0.14	27.65 1.34 0.00	26.87 1.45 0.00	26.81 1.40 0.00	28.53 1.43 -1.50	29.89 1.51 -1.87	31.86 1.73 -0.22	41.15 2.54 -3.86	45.10 2.87 -4.97	39.12 2.27 -5.34	33.89 2.09 -1.46	30.36 1.55 -3.47	26.47 1.54 -2.00	22.51 1.38 -0.46
NORTHPORT___2 23552	22.03 0.95 0.00	20.49 0.84 0.00	20.09 0.83 0.00	20.40 0.69 0.00	21.58 0.55 0.00	23.14 0.70 0.00	29.01 1.12 0.00	31.61 1.33 0.00	31.42 1.32 0.00	30.81 1.19 0.00	29.41 1.45 -0.14	27.65 1.34 0.00	26.87 1.45 0.00	26.81 1.40 0.00	28.53 1.43 -1.50	29.89 1.51 -1.87	31.86 1.73 -0.22	41.15 2.54 -3.86	45.10 2.87 -4.97	39.12 2.27 -5.34	33.89 2.09 -1.46	30.36 1.55 -3.47	26.47 1.54 -2.00	22.51 1.38 -0.46
NORTHPORT___3 23553	22.03 0.95 0.00	20.49 0.84 0.00	20.09 0.83 0.00	20.40 0.69 0.00	21.60 0.57 0.00	23.14 0.70 0.00	29.12 1.23 0.00	31.94 1.66 0.00	31.75 1.65 0.00	31.07 1.45 0.00	29.49 1.53 -0.15	27.78 1.47 0.00	26.95 1.53 0.00	26.91 1.50 0.00	28.66 1.56 -1.50	30.05 1.67 -1.87	32.19 2.06 -0.22	41.47 2.85 -3.86	45.43 3.21 -4.97	39.46 2.61 -5.34	34.16 2.37 -1.46	30.49 1.67 -3.47	26.53 1.60 -2.00	22.55 1.43 -0.46
NORTHPORT___4 23650	22.03 0.95 0.00	20.49 0.84 0.00	20.09 0.83 0.00	20.40 0.69 0.00	21.60 0.57 0.00	23.14 0.70 0.00	29.12 1.23 0.00	31.94 1.66 0.00	31.75 1.65 0.00	31.07 1.45 0.00	29.49 1.53 -0.15	27.78 1.47 0.00	26.95 1.53 0.00	26.91 1.50 0.00	28.66 1.56 -1.50	30.05 1.67 -1.87	32.19 2.06 -0.22	41.47 2.85 -3.86	45.43 3.21 -4.97	39.46 2.61 -5.34	34.16 2.37 -1.46	30.49 1.67 -3.47	26.53 1.60 -2.00	22.55 1.43 -0.46
NORTHPORT___IC 23718	22.03 0.95 0.00	20.52 0.86 0.00	20.09 0.83 0.00	20.40 0.69 0.00	21.60 0.57 0.00	23.14 0.70 0.00	29.01 1.12 0.00	31.61 1.33 0.00	31.42 1.32 0.00	30.81 1.18 0.00	29.41 1.45 -0.14	27.84 1.53 0.00	26.87 1.45 0.00	26.81 1.40 0.00	28.58 1.48 -1.50	29.89 1.51 -1.87	31.86 1.73 -0.22	41.19 2.57 -3.86	45.10 2.87 -4.97	39.21 2.36 -5.34	33.89 2.09 -1.46	30.44 1.62 -3.47	26.51 1.58 -2.00	22.51 1.38 -0.46
NORTH___COUNTRY_ESR 323785	21.50 0.42 0.00	19.96 0.31 0.00	19.59 0.33 0.00	20.18 0.47 0.00	21.69 0.65 0.00	23.16 0.72 0.00	28.48 0.59 0.00	30.55 0.27 0.00	30.46 0.36 0.00	30.25 0.62 0.00	28.48 0.67 0.00	26.89 0.58 0.00	25.90 0.48 0.00	25.89 0.48 0.00	26.00 0.41 0.00	26.88 0.37 0.00	30.12 0.21 0.00	34.10 -0.66 0.00	36.26 -1.00 0.00	30.59 -0.91 0.00	29.55 -0.79 0.00	25.06 -0.28 0.00	22.52 -0.41 0.00	20.01 -0.66 0.00
NPX_GEN_1385_PROXY 323591	22.03 0.95 0.00	20.49 0.84 0.00	20.09 0.83 0.00	20.40 0.69 0.00	21.52 0.48 0.00	23.07 0.63 0.00	28.76 0.87 0.00	31.24 0.97 0.00	31.06 0.96 0.00	30.51 0.89 0.00	29.13 1.17 -0.14	27.36 1.05 0.00	26.77 1.35 0.00	26.68 1.27 0.00	28.17 1.07 -1.50	29.63 1.25 -1.87	31.41 1.29 -0.22	40.84 2.23 -3.86	44.73 2.50 -4.97	38.55 1.70 -5.34	33.53 1.91 -1.28	30.13 1.14 -3.65	26.19 1.26 -2.00	22.45 1.32 -0.46
NPX_GEN_CSC 323557	22.16 1.07 0.00	20.61 0.96 0.00	20.22 0.96 0.00	20.53 0.83 0.00	21.71 0.67 0.00	23.27 0.83 0.00	29.04 1.14 0.00	31.73 1.45 0.00	31.49 1.39 0.00	30.87 1.24 0.00	29.40 1.42 -0.16	27.62 1.31 0.00	26.82 1.40 0.00	26.76 1.35 0.00	28.55 1.46 -1.50	29.92 1.54 -1.87	32.04 1.92 -0.22	41.54 2.92 -3.86	45.47 3.24 -4.97	39.43 2.58 -5.34	33.99 2.37 -1.28	30.61 1.62 -3.65	26.47 1.54 -2.00	22.51 1.38 -0.46
NSINS_S_GLNS_FALLS 23858	21.71 0.63 0.00	20.32 0.67 0.00	19.87 0.62 0.00	20.28 0.57 0.00	21.60 0.57 0.00	23.09 0.65 0.00	28.84 0.95 0.00	31.52 1.24 0.00	31.39 1.29 0.00	30.66 1.04 0.00	28.71 0.89 0.00	27.18 0.87 0.00	26.26 0.84 0.00	26.22 0.81 0.00	26.39 0.79 0.00	27.44 0.93 0.00	31.08 1.17 0.00	36.60 1.84 0.00	39.31 2.05 0.00	33.15 1.64 0.00	31.76 1.43 0.00	26.33 0.99 0.00	23.78 0.85 0.00	21.45 0.79 0.00
NUCOR_STEEL___DRP 24197	21.12 0.04 0.00	19.75 0.10 0.00	19.30 0.04 0.00	19.75 0.04 0.00	21.04 0.00 0.00	22.47 0.02 0.00	27.84 -0.06 0.00	30.28 0.00 0.00	29.92 -0.18 0.00	29.39 -0.24 0.00	27.57 -0.25 0.00	25.99 -0.32 0.00	25.14 -0.28 0.00	25.11 -0.30 0.00	25.28 -0.31 0.00	26.22 -0.29 0.00	29.67 -0.24 0.00	34.66 -0.10 0.00	37.19 -0.07 0.00	31.51 0.00 0.00	30.09 -0.24 0.00	25.06 -0.28 0.00	22.70 -0.23 0.00	20.81 0.14 0.00
NUMBER_THREE_WT_PWR 323818	20.91 -0.17 0.00	19.51 -0.14 0.00	19.07 -0.19 0.00	19.55 -0.16 0.00	20.97 -0.06 0.00	22.40 -0.04 0.00	27.95 0.06 0.00	30.73 0.45 0.00	30.37 0.27 0.00	29.71 0.09 0.00	27.82 0.00 0.00	26.26 -0.05 0.00	25.30 -0.13 0.00	25.31 -0.10 0.00	25.49 -0.10 0.00	26.43 -0.08 0.00	29.91 0.00 0.00	34.76 0.00 0.00	37.11 -0.15 0.00	31.38 -0.13 0.00	30.21 -0.12 0.00	25.26 -0.08 0.00	22.77 -0.16 0.00	20.48 -0.19 0.00
NYISO_LBMP_REFERENCE 24008	21.08 0.00 0.00	19.65 0.00 0.00	19.26 0.00 0.00	19.71 0.00 0.00	21.04 0.00 0.00	22.44 0.00 0.00	27.90 0.00 0.00	30.28 0.00 0.00	30.10 0.00 0.00	29.62 0.00 0.00	27.82 0.00 0.00	26.31 0.00 0.00	25.42 0.00 0.00	25.41 0.00 0.00	25.59 0.00 0.00	26.51 0.00 0.00	29.91 0.00 0.00	34.76 0.00 0.00	37.26 0.00 0.00	31.51 0.00 0.00	30.34 0.00 0.00	25.34 0.00 0.00	22.93 0.00 0.00	20.67 0.00 0.00
NYPA_BRENTWD___GT 24164	22.24 1.16 0.00	20.69 1.04 0.00	20.28 1.02 0.00	20.59 0.89 0.00	21.81 0.78 0.00	23.39 0.94 0.00	29.40 1.51 0.00	32.09 1.82 0.00	31.85 1.75 0.00	31.16 1.54 0.00	29.44 1.42 -0.21	27.91 1.61 0.00	27.10 1.68 0.00	27.06 1.65 0.00	28.81 1.71 -1.50	30.19 1.80 -1.88	32.34 2.21 -0.22	41.75 3.13 -3.86	45.81 3.58 -4.97	39.74 2.90 -5.34	34.40 2.61 -1.46	30.45 1.62 -3.48	26.48 1.54 -2.01	22.78 1.65 -0.46
NYPA_GOWANUS___GT5 24156	21.84 0.76 0.00	20.36 0.71 0.00	19.95 0.69 0.00	20.24 0.53 0.00	21.37 0.34 0.00	22.78 0.34 0.00	28.68 0.78 0.00	31.73 1.45 0.00	31.60 1.50 0.00	30.75 1.13 0.00	28.93 1.11 0.00	27.39 1.08 0.00	26.54 1.12 0.00	26.53 1.12 0.00	26.72 1.12 0.00	27.73 1.22 0.00	31.46 1.55 0.00	36.99 2.23 0.00	39.91 2.65 0.00	33.62 2.11 0.00	32.22 1.88 0.00	26.58 1.24 0.00	24.29 1.35 0.00	21.87 1.20 0.00
NYPA_GOWANUS___GT6 24157	21.84 0.76 0.00	20.36 0.71 0.00	19.95 0.69 0.00	20.24 0.53 0.00	21.37 0.34 0.00	22.78 0.34 0.00	28.68 0.78 0.00	31.73 1.45 0.00	31.60 1.50 0.00	30.75 1.13 0.00	28.93 1.11 0.00	27.39 1.08 0.00	26.54 1.12 0.00	26.53 1.12 0.00	26.72 1.12 0.00	27.73 1.22 0.00	31.46 1.55 0.00	36.99 2.23 0.00	39.91 2.65 0.00	33.62 2.11 0.00	32.22 1.88 0.00	26.58 1.24 0.00	24.29 1.35 0.00	21.87 1.20 0.00



NYPA_HARLEM__RVR__GT1 24160	21.82 0.74 0.00	20.38 0.73 0.00	19.97 0.71 0.00	20.24 0.53 0.00	21.39 0.36 0.00	22.67 0.22 0.00	28.51 0.61 0.00	31.48 1.21 0.01	31.39 1.29 0.01	30.56 0.95 0.01	28.73 0.92 0.01	27.20 0.90 0.01	26.38 0.97 0.01	26.37 0.97 0.01	26.53 0.95 0.01	27.54 1.03 0.01	31.22 1.31 0.01	36.66 1.91 0.01	39.49 2.24 0.01	33.29 1.80 0.01	31.90 1.58 0.01	26.35 1.01 0.01	24.13 1.19 0.00	21.80 1.14 0.00
NYPA_HARLEM__RVR__GT2 24161	21.82 0.74 0.00	20.38 0.73 0.00	19.97 0.71 0.00	20.24 0.53 0.00	21.39 0.36 0.00	22.67 0.22 0.00	28.51 0.61 0.00	31.48 1.21 0.01	31.39 1.29 0.01	30.56 0.95 0.01	28.73 0.92 0.01	27.20 0.90 0.01	26.38 0.97 0.01	26.37 0.97 0.01	26.53 0.95 0.01	27.54 1.03 0.01	31.22 1.31 0.01	36.66 1.91 0.01	39.49 2.24 0.01	33.29 1.80 0.01	31.90 1.58 0.01	26.35 1.01 0.01	24.13 1.19 0.00	21.80 1.14 0.00
NYPA_KENT____GT 24152	21.80 0.72 0.00	20.32 0.67 0.00	19.91 0.66 0.00	20.20 0.49 0.00	21.35 0.32 0.00	22.76 0.31 0.00	28.65 0.75 0.00	31.70 1.42 0.00	31.57 1.47 0.00	30.75 1.13 0.00	28.90 1.08 0.00	27.36 1.05 0.00	26.52 1.09 0.00	26.50 1.09 0.00	26.69 1.10 0.00	27.70 1.19 0.00	31.40 1.49 0.00	36.92 2.16 0.00	39.80 2.54 0.00	33.55 2.05 0.00	32.16 1.82 0.00	26.53 1.19 0.00	24.22 1.28 0.00	21.80 1.14 0.00
NYPA_POUCH1____GT 24155	21.84 0.76 0.00	20.36 0.71 0.00	19.95 0.69 0.00	20.22 0.51 0.00	21.37 0.34 0.00	22.73 0.29 0.00	28.59 0.70 0.00	31.64 1.36 0.00	31.49 1.39 0.00	30.63 1.01 0.00	28.79 0.97 0.00	27.26 0.95 0.00	26.44 1.02 0.00	26.43 1.02 0.00	26.59 1.00 0.00	27.63 1.11 0.00	31.35 1.44 0.00	36.88 2.12 0.00	39.76 2.50 0.00	33.53 2.02 0.00	32.12 1.79 0.00	26.51 1.17 0.00	24.24 1.31 0.00	21.85 1.18 0.00
NYPA_VERNON____GT2 24162	21.74 0.65 0.00	20.28 0.63 0.00	19.87 0.62 0.00	20.16 0.45 0.00	21.31 0.27 0.00	22.73 0.29 0.00	28.62 0.72 0.00	31.67 1.39 0.00	31.54 1.44 0.00	30.72 1.10 0.00	28.87 1.06 0.00	27.33 1.03 0.00	26.49 1.07 0.00	26.48 1.07 0.00	26.67 1.07 0.00	27.68 1.17 0.00	31.37 1.47 0.00	36.84 2.09 0.00	39.72 2.46 0.00	33.49 1.99 0.00	32.09 1.76 0.00	26.48 1.14 0.00	24.15 1.21 0.00	21.76 1.09 0.00
NYPA_VERNON____GT3 24163	21.74 0.65 0.00	20.28 0.63 0.00	19.87 0.62 0.00	20.16 0.45 0.00	21.31 0.27 0.00	22.73 0.29 0.00	28.62 0.72 0.00	31.67 1.39 0.00	31.54 1.44 0.00	30.72 1.10 0.00	28.87 1.06 0.00	27.33 1.03 0.00	26.49 1.07 0.00	26.48 1.07 0.00	26.67 1.07 0.00	27.68 1.17 0.00	31.37 1.47 0.00	36.84 2.09 0.00	39.72 2.46 0.00	33.49 1.99 0.00	32.09 1.76 0.00	26.48 1.14 0.00	24.15 1.21 0.00	21.76 1.09 0.00
NYPA__ASTORIA_CC1 323568	21.74 0.65 0.00	20.28 0.63 0.00	19.87 0.62 0.00	20.16 0.45 0.00	21.29 0.25 0.00	22.71 0.27 0.00	28.56 0.67 0.00	31.61 1.33 0.00	31.52 1.42 0.00	30.66 1.04 0.00	28.82 1.00 0.00	27.28 0.97 0.00	26.44 1.02 0.00	26.43 1.02 0.00	26.62 1.02 0.00	27.62 1.11 0.00	31.32 1.41 0.00	36.77 2.02 0.00	39.65 2.39 0.00	33.43 1.92 0.00	32.03 1.70 0.00	26.43 1.09 0.00	24.13 1.19 0.00	21.74 1.07 0.00
NYPA__ASTORIA_CC2 323569	21.74 0.65 0.00	20.28 0.63 0.00	19.87 0.62 0.00	20.16 0.45 0.00	21.29 0.25 0.00	22.71 0.27 0.00	28.56 0.67 0.00	31.61 1.33 0.00	31.52 1.42 0.00	30.66 1.04 0.00	28.82 1.00 0.00	27.28 0.97 0.00	26.44 1.02 0.00	26.43 1.02 0.00	26.62 1.02 0.00	27.62 1.11 0.00	31.32 1.41 0.00	36.77 2.02 0.00	39.65 2.39 0.00	33.43 1.92 0.00	32.03 1.70 0.00	26.43 1.09 0.00	24.13 1.19 0.00	21.74 1.07 0.00
NYPA__HOLTSVILL 23794	22.12 1.03 0.00	20.57 0.92 0.00	20.18 0.92 0.00	20.50 0.79 0.00	21.67 0.63 0.00	23.23 0.79 0.00	29.09 1.20 0.00	31.79 1.51 0.00	31.57 1.47 0.00	30.92 1.30 0.00	29.45 1.47 -0.16	27.70 1.39 0.00	26.90 1.47 0.00	26.83 1.42 0.00	28.61 1.51 -1.50	30.00 1.62 -1.87	32.10 1.97 -0.22	41.50 2.88 -3.86	45.47 3.24 -4.97	39.43 2.58 -5.34	34.16 2.37 -1.46	30.46 1.65 -3.48	26.51 1.58 -2.00	22.55 1.43 -0.46
NYPA__HELLGATE_GT1 24158	21.82 0.74 0.00	20.38 0.73 0.00	19.97 0.71 0.00	20.24 0.53 0.00	21.39 0.36 0.00	22.67 0.22 0.00	28.51 0.61 0.00	31.48 1.21 0.01	31.39 1.29 0.01	30.56 0.95 0.01	28.73 0.92 0.01	27.20 0.90 0.01	26.38 0.97 0.01	26.37 0.97 0.01	26.53 0.95 0.01	27.54 1.03 0.01	31.22 1.31 0.01	36.66 1.91 0.01	39.53 2.27 0.01	33.33 1.83 0.01	31.93 1.61 0.01	26.35 1.01 0.01	24.13 1.19 0.00	21.80 1.14 0.00
NYPA__HELLGATE_GT2 24159	21.82 0.74 0.00	20.38 0.73 0.00	19.97 0.71 0.00	20.24 0.53 0.00	21.39 0.36 0.00	22.67 0.22 0.00	28.51 0.61 0.00	31.48 1.21 0.01	31.39 1.29 0.01	30.56 0.95 0.01	28.73 0.92 0.01	27.20 0.90 0.01	26.38 0.97 0.01	26.37 0.97 0.01	26.53 0.95 0.01	27.54 1.03 0.01	31.22 1.31 0.01	36.66 1.91 0.01	39.53 2.27 0.01	33.33 1.83 0.01	31.93 1.61 0.01	26.35 1.01 0.01	24.13 1.19 0.00	21.80 1.14 0.00
NYS_BARGE__HYD 23848	19.63 -1.45 0.00	18.33 -1.32 0.00	17.79 -1.46 0.00	18.25 -1.46 0.00	19.52 -1.51 0.00	21.19 -1.26 0.00	25.27 -2.62 0.00	26.95 -3.33 0.00	26.55 -3.55 0.00	26.13 -3.50 0.00	24.51 -3.31 0.00	23.65 -2.66 0.00	22.52 -2.90 0.00	22.59 -2.82 0.00	22.78 -2.82 0.00	23.33 -3.18 0.00	26.38 -3.53 0.00	30.97 -3.79 0.00	32.60 -4.66 0.00	28.39 -3.12 0.00	26.30 -4.03 0.00	22.40 -2.94 0.00	20.32 -2.61 0.00	19.06 -1.61 0.00
OAK ORCHARD__HYD 24046	20.32 -0.76 0.00	18.98 -0.67 0.00	18.49 -0.77 0.00	18.92 -0.79 0.00	20.22 -0.82 0.00	21.77 -0.67 0.00	26.50 -1.39 0.00	28.52 -1.76 0.00	28.17 -1.93 0.00	27.67 -1.96 0.00	25.98 -1.84 0.00	24.84 -1.47 0.00	23.82 -1.60 0.00	23.81 -1.60 0.00	24.03 -1.56 0.00	24.76 -1.75 0.00	28.08 -1.83 0.00	32.81 -1.95 0.00	34.95 -2.31 0.00	30.03 -1.48 0.00	28.21 -2.12 0.00	23.79 -1.55 0.00	21.53 -1.40 0.00	19.88 -0.79 0.00
OAKDALE__35_KV_LOAD 356122	21.10 0.02 0.00	19.73 0.08 0.00	19.26 0.00 0.00	19.67 -0.04 0.00	20.97 -0.06 0.00	22.47 0.02 0.00	27.81 -0.08 0.00	30.31 0.03 0.00	30.01 -0.09 0.00	29.41 -0.21 0.00	27.59 -0.22 0.00	26.05 -0.26 0.00	25.19 -0.23 0.00	25.16 -0.25 0.00	25.34 -0.26 0.00	26.25 -0.27 0.00	29.70 -0.21 0.00	34.76 0.00 0.00	37.23 -0.04 0.00	31.60 0.09 0.00	30.15 -0.18 0.00	25.14 -0.20 0.00	22.80 -0.14 0.00	20.83 0.17 0.00
OCC_CHEM__DRP 24175	19.23 -1.86 0.00	17.98 -1.67 0.00	17.45 -1.81 0.00	17.89 -1.81 0.00	19.14 -1.89 0.00	20.80 -1.64 0.00	24.74 -3.15 0.00	26.22 -4.06 0.00	25.86 -4.24 0.00	25.39 -4.24 0.00	23.89 -3.92 0.00	22.63 -3.68 0.00	22.04 -3.38 0.00	22.06 -3.35 0.00	22.06 -3.53 0.00	22.77 -3.74 0.00	25.84 -4.07 0.00	30.07 -4.69 0.00	31.86 -5.40 0.00	27.25 -4.25 0.00	25.72 -4.61 0.00	21.59 -3.75 0.00	19.79 -3.14 0.00	18.71 -1.96 0.00



OH_GEN_PROXY 24063	19.59 -1.50 0.00	18.27 -1.38 0.00	17.76 -1.50 0.00	18.19 -1.52 0.00	19.46 -1.58 0.00	21.14 -1.30 0.00	25.25 -2.65 0.00	26.80 -3.48 0.00	26.43 -3.67 0.00	26.04 -3.59 0.00	24.45 -3.37 0.00	23.60 -2.71 0.00	22.50 -2.92 0.00	22.54 -2.87 0.00	22.70 -2.89 0.00	23.25 -3.26 0.00	26.38 -3.53 0.00	30.90 -3.86 0.00	32.57 -4.70 0.00	28.36 -3.15 0.00	26.13 -4.03 0.17	22.60 -2.91 -0.17	20.37 -2.57 0.00	19.08 -1.59 0.00
OLIN_CORP_DRP 24177	19.37 -1.71 0.00	18.12 -1.53 0.00	17.58 -1.68 0.00	18.03 -1.68 0.00	19.29 -1.75 0.00	20.89 -1.55 0.00	24.91 -2.98 0.00	26.43 -3.85 0.00	26.04 -4.06 0.00	25.56 -4.06 0.00	24.06 -3.76 0.00	22.76 -3.55 0.00	22.17 -3.25 0.00	22.21 -3.20 0.00	22.19 -3.40 0.00	22.93 -3.58 0.00	25.99 -3.92 0.00	30.24 -4.52 0.00	32.08 -5.18 0.00	27.41 -4.10 0.00	25.88 -4.46 0.00	21.72 -3.62 0.00	19.88 -3.05 0.00	18.81 -1.86 0.00
OLIN_CORP_DSASP 323712	19.25 -1.83 0.00	17.98 -1.67 0.00	17.47 -1.79 0.00	17.89 -1.81 0.00	19.14 -1.89 0.00	20.81 -1.64 0.00	24.74 -3.15 0.00	26.22 -4.06 0.00	25.86 -4.24 0.00	25.47 -4.15 0.00	23.95 -3.87 0.00	23.12 -3.18 0.00	22.04 -3.38 0.00	22.08 -3.33 0.00	22.27 -3.33 0.00	22.77 -3.74 0.00	25.84 -4.07 0.00	30.28 -4.48 0.00	31.86 -5.40 0.00	27.79 -3.72 0.00	25.73 -4.61 0.00	21.95 -3.39 0.00	19.93 -3.00 0.00	18.70 -1.96 0.00
ONEIDA_HERK_LFGE 323681	21.29 0.21 0.00	19.87 0.22 0.00	19.43 0.17 0.00	19.88 0.18 0.00	21.27 0.23 0.00	22.69 0.25 0.00	28.31 0.42 0.00	31.00 0.73 0.00	30.73 0.63 0.00	30.07 0.44 0.00	28.18 0.36 0.00	26.60 0.29 0.00	25.65 0.23 0.00	25.67 0.25 0.00	25.87 0.28 0.00	26.83 0.32 0.00	30.39 0.48 0.00	35.45 0.69 0.00	37.90 0.63 0.00	32.04 0.54 0.00	30.76 0.42 0.00	25.67 0.33 0.00	23.19 0.25 0.00	20.92 0.25 0.00
ONEIDA___115KV_TB4 55905	21.55 0.46 0.00	20.12 0.47 0.00	19.68 0.42 0.00	20.12 0.41 0.00	21.48 0.44 0.00	22.94 0.49 0.00	28.57 0.67 0.00	31.15 0.88 0.00	30.85 0.75 0.00	30.19 0.56 0.00	28.32 0.50 0.00	26.70 0.39 0.00	25.80 0.38 0.00	25.79 0.38 0.00	26.03 0.44 0.00	26.99 0.48 0.00	30.60 0.69 0.00	35.80 1.04 0.00	38.34 1.08 0.00	32.42 0.91 0.00	31.06 0.73 0.00	25.87 0.53 0.00	23.39 0.46 0.00	21.23 0.56 0.00
ONONDAGA_REF_OCCRA 23987	20.98 -0.11 0.00	19.59 -0.06 0.00	19.16 -0.10 0.00	19.59 -0.12 0.00	20.87 -0.17 0.00	22.26 -0.18 0.00	27.59 -0.31 0.00	30.03 -0.24 0.00	29.77 -0.33 0.00	29.18 -0.44 0.00	27.40 -0.42 0.00	25.89 -0.42 0.00	25.04 -0.38 0.00	25.01 -0.41 0.00	25.21 -0.38 0.00	26.11 -0.40 0.00	29.49 -0.42 0.00	34.45 -0.31 0.00	36.93 -0.34 0.00	31.29 -0.22 0.00	29.91 -0.42 0.00	24.96 -0.38 0.00	22.61 -0.32 0.00	20.71 0.04 0.00
ONONDAGA___COGEN 23986	21.02 -0.06 0.00	19.65 0.00 0.00	19.20 -0.06 0.00	19.63 -0.08 0.00	20.91 -0.13 0.00	22.31 -0.13 0.00	27.64 -0.25 0.00	30.06 -0.21 0.00	29.80 -0.30 0.00	29.24 -0.39 0.00	27.46 -0.36 0.00	25.91 -0.39 0.00	25.09 -0.33 0.00	25.03 -0.38 0.00	25.23 -0.36 0.00	26.14 -0.37 0.00	29.55 -0.36 0.00	34.48 -0.28 0.00	36.96 -0.30 0.00	31.32 -0.19 0.00	29.94 -0.39 0.00	24.96 -0.38 0.00	22.64 -0.30 0.00	20.73 0.06 0.00
ONTARIO___LFGE 23819	21.08 0.00 0.00	19.69 0.04 0.00	19.20 -0.06 0.00	19.65 -0.06 0.00	20.95 -0.08 0.00	22.53 0.09 0.00	27.84 -0.06 0.00	30.22 -0.06 0.00	29.80 -0.30 0.00	29.18 -0.44 0.00	27.34 -0.47 0.00	25.92 -0.39 0.00	24.94 -0.48 0.00	24.88 -0.53 0.00	25.10 -0.49 0.00	25.93 -0.58 0.00	29.40 -0.51 0.00	34.34 -0.42 0.00	36.82 -0.45 0.00	31.57 0.06 0.00	29.82 -0.52 0.00	24.91 -0.43 0.00	22.50 -0.44 0.00	20.67 0.00 0.00
ORANGEVILLE_WT_PWR 323706	19.71 -1.37 0.00	18.37 -1.28 0.00	17.81 -1.44 0.00	18.25 -1.46 0.00	19.58 -1.45 0.00	21.27 -1.17 0.00	25.44 -2.46 0.00	27.01 -3.27 0.00	26.67 -3.43 0.00	26.31 -3.32 0.00	24.73 -3.09 0.00	23.92 -2.39 0.00	22.80 -2.62 0.00	22.85 -2.57 0.00	23.01 -2.58 0.00	23.57 -2.94 0.00	26.71 -3.20 0.00	31.28 -3.48 0.00	32.83 -4.43 0.00	28.45 -3.06 0.00	26.33 -4.00 0.00	22.35 -2.99 0.00	20.23 -2.71 0.00	18.95 -1.72 0.00
ORANGEVILLE___ESR 323794	19.71 -1.37 0.00	18.37 -1.28 0.00	17.81 -1.44 0.00	18.25 -1.46 0.00	19.58 -1.45 0.00	21.27 -1.17 0.00	25.44 -2.46 0.00	27.01 -3.27 0.00	26.67 -3.43 0.00	26.31 -3.32 0.00	24.73 -3.09 0.00	23.92 -2.39 0.00	22.80 -2.62 0.00	22.85 -2.57 0.00	23.01 -2.58 0.00	23.57 -2.94 0.00	26.71 -3.20 0.00	31.28 -3.48 0.00	32.83 -4.43 0.00	28.45 -3.06 0.00	26.33 -4.00 0.00	22.35 -2.99 0.00	20.23 -2.71 0.00	18.95 -1.72 0.00
OSWEGATCHIE___HYD 24044	20.89 -0.19 0.00	19.43 -0.22 0.00	19.05 -0.21 0.00	19.57 -0.14 0.00	21.10 0.06 0.00	22.53 0.09 0.00	27.98 0.08 0.00	30.40 0.12 0.00	30.13 0.03 0.00	29.68 0.06 0.00	27.84 0.03 0.00	26.28 -0.03 0.00	25.35 -0.08 0.00	25.34 -0.08 0.00	25.52 -0.08 0.00	26.38 -0.13 0.00	29.58 -0.33 0.00	34.20 -0.56 0.00	36.55 -0.71 0.00	30.91 -0.60 0.00	30.03 -0.30 0.00	25.24 -0.10 0.00	22.77 -0.16 0.00	20.30 -0.37 0.00
OSWEGO___5 23606	20.72 -0.36 0.00	19.34 -0.32 0.00	18.91 -0.35 0.00	19.35 -0.35 0.00	20.62 -0.42 0.00	21.97 -0.47 0.00	27.20 -0.70 0.00	29.55 -0.73 0.00	29.35 -0.75 0.00	28.82 -0.80 0.00	27.04 -0.78 0.00	25.63 -0.68 0.00	24.71 -0.71 0.00	24.70 -0.71 0.00	24.90 -0.69 0.00	25.77 -0.74 0.00	29.10 -0.81 0.00	33.96 -0.80 0.00	36.37 -0.89 0.00	30.88 -0.63 0.00	29.52 -0.82 0.00	24.66 -0.68 0.00	22.36 -0.57 0.00	20.40 -0.27 0.00
OSWEGO___6 23613	20.72 -0.36 0.00	19.34 -0.32 0.00	18.91 -0.35 0.00	19.35 -0.35 0.00	20.62 -0.42 0.00	21.97 -0.47 0.00	27.20 -0.70 0.00	29.55 -0.73 0.00	29.35 -0.75 0.00	28.82 -0.80 0.00	27.04 -0.78 0.00	25.63 -0.68 0.00	24.71 -0.71 0.00	24.70 -0.71 0.00	24.90 -0.69 0.00	25.77 -0.74 0.00	29.10 -0.81 0.00	33.96 -0.80 0.00	36.37 -0.89 0.00	30.88 -0.63 0.00	29.52 -0.82 0.00	24.66 -0.68 0.00	22.36 -0.57 0.00	20.40 -0.27 0.00
OUTOKUMPU-AB___DRP 24206	19.69 -1.39 0.00	18.43 -1.22 0.00	17.89 -1.37 0.00	18.33 -1.38 0.00	19.63 -1.41 0.00	21.32 -1.12 0.00	25.44 -2.45 0.00	27.04 -3.24 0.00	26.67 -3.43 0.00	26.19 -3.44 0.00	24.62 -3.20 0.00	23.31 -3.00 0.00	22.68 -2.75 0.00	22.72 -2.69 0.00	22.73 -2.87 0.00	23.46 -3.05 0.00	26.59 -3.32 0.00	30.97 -3.79 0.00	32.83 -4.43 0.00	28.04 -3.47 0.00	26.45 -3.88 0.00	22.17 -3.17 0.00	20.27 -2.66 0.00	19.16 -1.51 0.00
OXBOW___BTM 323836	19.50 -1.58 0.00	18.22 -1.43 0.00	17.68 -1.58 0.00	18.13 -1.58 0.00	19.39 -1.64 0.00	21.07 -1.37 0.00	25.11 -2.79 0.00	26.64 -3.63 0.00	26.28 -3.82 0.00	25.92 -3.70 0.00	24.34 -3.48 0.00	23.49 -2.81 0.00	22.37 -3.05 0.00	22.44 -2.97 0.00	22.60 -2.99 0.00	23.14 -3.37 0.00	26.26 -3.65 0.00	30.80 -3.96 0.00	32.38 -4.88 0.00	28.20 -3.31 0.00	26.12 -4.22 0.00	22.27 -3.07 0.00	20.20 -2.73 0.00	18.95 -1.72 0.00



OXBOW____ 24026	19.46 -1.62 0.00	18.22 -1.43 0.00	17.68 -1.58 0.00	18.13 -1.58 0.00	19.40 -1.64 0.00	21.07 -1.37 0.00	25.11 -2.79 0.00	26.64 -3.63 0.00	26.28 -3.82 0.00	25.83 -3.79 0.00	24.28 -3.53 0.00	22.99 -3.31 0.00	22.37 -3.05 0.00	22.41 -3.00 0.00	22.42 -3.17 0.00	23.14 -3.37 0.00	26.26 -3.65 0.00	30.55 -4.21 0.00	32.38 -4.88 0.00	27.70 -3.81 0.00	26.12 -4.22 0.00	21.89 -3.45 0.00	20.04 -2.89 0.00	18.95 -1.72 0.00
OXY_CHEM_DSASP 323612	19.23 -1.86 0.00	17.98 -1.67 0.00	17.45 -1.81 0.00	17.89 -1.81 0.00	19.14 -1.89 0.00	20.80 -1.64 0.00	24.74 -3.15 0.00	26.22 -4.06 0.00	25.86 -4.24 0.00	25.39 -4.24 0.00	23.89 -3.92 0.00	22.63 -3.68 0.00	22.04 -3.38 0.00	22.06 -3.35 0.00	22.06 -3.53 0.00	22.77 -3.74 0.00	25.84 -4.07 0.00	30.07 -4.69 0.00	31.86 -5.40 0.00	27.25 -4.25 0.00	25.72 -4.61 0.00	21.59 -3.75 0.00	19.79 -3.14 0.00	18.71 -1.96 0.00
OZONE_PARK_ESR 323760	21.82 0.74 0.00	20.32 0.67 0.00	19.91 0.65 0.00	20.22 0.51 0.00	21.37 0.34 0.00	22.87 0.43 0.00	28.84 0.95 0.00	31.91 1.63 0.00	31.82 1.72 0.00	30.98 1.36 0.00	29.12 1.31 0.00	27.65 1.34 0.00	26.72 1.30 0.00	26.71 1.30 0.00	26.90 1.31 0.00	27.89 1.38 0.00	31.61 1.70 0.00	37.19 2.43 0.00	40.02 2.76 0.00	33.90 2.39 0.00	32.37 2.03 0.00	26.81 1.47 0.00	24.33 1.40 0.00	21.85 1.18 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	19.23 -1.86 0.00	17.98 -1.67 0.00	17.45 -1.81 0.00	17.89 -1.81 0.00	19.14 -1.89 0.00	20.80 -1.64 0.00	24.74 -3.15 0.00	26.22 -4.06 0.00	25.86 -4.24 0.00	25.39 -4.24 0.00	23.89 -3.92 0.00	22.63 -3.68 0.00	22.04 -3.38 0.00	22.06 -3.35 0.00	22.06 -3.53 0.00	22.77 -3.74 0.00	25.84 -4.07 0.00	30.07 -4.69 0.00	31.86 -5.40 0.00	27.25 -4.25 0.00	25.72 -4.61 0.00	21.59 -3.75 0.00	19.79 -3.14 0.00	18.71 -1.96 0.00
PACKARD__115KV_DUPONT_184 80571	19.23 -1.86 0.00	17.98 -1.67 0.00	17.45 -1.81 0.00	17.89 -1.81 0.00	19.14 -1.89 0.00	20.80 -1.64 0.00	24.74 -3.15 0.00	26.22 -4.06 0.00	25.86 -4.24 0.00	25.39 -4.24 0.00	23.89 -3.92 0.00	22.63 -3.68 0.00	22.04 -3.38 0.00	22.06 -3.35 0.00	22.06 -3.53 0.00	22.77 -3.74 0.00	25.84 -4.07 0.00	30.07 -4.69 0.00	31.86 -5.40 0.00	27.25 -4.25 0.00	25.72 -4.61 0.00	21.59 -3.75 0.00	19.79 -3.14 0.00	18.71 -1.96 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	21.84 0.76 0.00	20.34 0.69 0.00	19.95 0.69 0.00	20.22 0.51 0.00	21.35 0.32 0.00	22.67 0.22 0.00	28.48 0.59 0.00	31.46 1.18 0.00	31.36 1.26 0.00	30.54 0.92 0.00	28.71 0.89 0.00	27.26 0.95 0.00	26.34 0.92 0.00	26.33 0.91 0.00	26.54 0.95 0.00	27.49 0.98 0.00	31.17 1.26 0.00	36.67 1.91 0.00	39.46 2.20 0.00	33.40 1.89 0.00	31.91 1.58 0.00	26.43 1.09 0.00	24.17 1.24 0.00	21.78 1.12 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	21.99 0.91 0.00	20.48 0.83 0.00	20.12 0.87 0.00	20.40 0.69 0.00	21.54 0.50 0.00	22.82 0.38 0.00	28.70 0.81 0.00	31.70 1.42 0.00	31.58 1.47 0.00	30.69 1.07 0.00	28.82 1.00 0.00	27.34 1.03 0.00	26.39 0.97 0.00	26.38 0.97 0.00	26.56 0.97 0.00	27.54 1.03 0.00	31.23 1.32 0.00	36.74 1.98 0.00	39.54 2.27 0.00	33.49 1.98 0.00	32.00 1.67 0.00	26.51 1.17 0.00	24.24 1.31 0.00	21.83 1.16 0.00
PATROON__115KV_TB1 80586	21.71 0.63 0.00	20.30 0.65 0.00	19.87 0.62 0.00	20.26 0.55 0.00	21.52 0.48 0.00	22.98 0.54 0.00	28.65 0.75 0.00	31.43 1.15 0.00	31.21 1.11 0.00	30.54 0.92 0.00	28.62 0.81 0.00	27.15 0.84 0.00	26.24 0.81 0.00	26.22 0.81 0.00	26.39 0.79 0.00	27.39 0.87 0.00	30.99 1.08 0.00	36.46 1.70 0.00	39.13 1.86 0.00	33.02 1.51 0.00	31.67 1.33 0.00	26.28 0.94 0.00	23.85 0.92 0.00	21.52 0.85 0.00
PATTRSNVILLE__SOLAR 323815	21.61 0.53 0.00	20.18 0.53 0.00	19.76 0.50 0.00	20.16 0.45 0.00	21.46 0.42 0.00	22.94 0.49 0.00	28.59 0.70 0.00	31.18 0.91 0.00	31.00 0.90 0.00	30.30 0.68 0.00	28.40 0.59 0.00	26.84 0.53 0.00	25.96 0.53 0.00	25.95 0.53 0.00	26.13 0.54 0.00	27.12 0.61 0.00	30.72 0.81 0.00	36.05 1.29 0.00	38.75 1.49 0.00	32.70 1.20 0.00	31.40 1.06 0.00	26.10 0.76 0.00	23.62 0.69 0.00	21.33 0.66 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	20.18 -0.91 0.00	18.88 -0.77 0.00	18.33 -0.92 0.00	18.78 -0.93 0.00	20.09 -0.95 0.00	21.81 -0.63 0.00	26.22 -1.67 0.00	27.76 -2.51 0.00	27.42 -2.68 0.00	26.96 -2.67 0.00	25.34 -2.48 0.00	23.99 -2.32 0.00	23.31 -2.11 0.00	23.35 -2.06 0.00	23.37 -2.23 0.00	24.12 -2.39 0.00	27.34 -2.57 0.00	31.94 -2.82 0.00	33.83 -3.43 0.00	28.89 -2.62 0.00	27.21 -3.12 0.00	22.86 -2.48 0.00	20.85 -2.09 0.00	19.70 -0.97 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	21.82 0.74 0.00	20.34 0.69 0.00	19.91 0.65 0.00	20.24 0.53 0.00	21.41 0.38 0.00	22.94 0.49 0.00	28.76 0.86 0.00	31.82 1.54 0.00	31.70 1.60 0.00	30.87 1.24 0.00	28.99 1.17 0.00	27.47 1.16 0.00	26.49 1.07 0.00	26.48 1.07 0.00	26.72 1.13 0.00	27.68 1.17 0.00	31.49 1.59 0.00	37.02 2.26 0.00	39.91 2.65 0.00	33.65 2.14 0.00	32.22 1.88 0.00	26.63 1.29 0.00	24.10 1.17 0.00	21.68 1.01 0.00
PEEKSKILL____ 23653	21.61 0.53 0.00	20.16 0.51 0.00	19.74 0.48 0.00	20.06 0.36 0.00	21.22 0.19 0.00	22.71 0.27 0.00	28.54 0.64 0.00	31.55 1.27 0.00	31.42 1.32 0.00	30.60 0.98 0.00	28.76 0.95 0.00	27.20 0.90 0.00	26.36 0.94 0.00	26.35 0.94 0.00	26.54 0.95 0.00	27.52 1.01 0.00	31.22 1.31 0.00	36.70 1.95 0.00	39.54 2.27 0.00	33.33 1.83 0.00	31.97 1.64 0.00	26.40 1.06 0.00	23.99 1.06 0.00	21.62 0.95 0.00
PGE MADISON__WINDPWR 24146	22.71 1.62 0.00	21.22 1.57 0.00	20.66 1.41 0.00	21.13 1.42 0.00	22.59 1.56 0.00	24.19 1.75 0.00	30.21 2.31 0.00	33.03 2.75 0.00	32.42 2.32 0.00	31.58 1.95 0.00	29.40 1.58 0.00	27.52 1.21 0.00	26.44 1.02 0.00	26.45 1.04 0.00	26.74 1.15 0.00	27.81 1.30 0.00	31.67 1.76 0.00	37.47 2.71 0.00	40.09 2.83 0.00	34.03 2.52 0.00	32.25 1.91 0.00	26.81 1.47 0.00	24.13 1.19 0.00	21.99 1.32 0.00
PIERCEFIELD__HYD 23852	21.10 0.02 0.00	19.59 -0.06 0.00	19.24 -0.02 0.00	19.81 0.10 0.00	21.44 0.40 0.00	22.91 0.47 0.00	28.29 0.39 0.00	30.49 0.21 0.00	30.31 0.21 0.00	30.13 0.50 0.00	28.29 0.47 0.00	26.70 0.39 0.00	25.75 0.33 0.00	25.77 0.36 0.00	25.90 0.31 0.00	26.72 0.21 0.00	29.70 -0.21 0.00	34.03 -0.73 0.00	36.29 -0.97 0.00	30.66 -0.85 0.00	30.06 -0.27 0.00	25.37 0.03 0.00	22.91 -0.02 0.00	20.21 -0.45 0.00
PINELAWN_CC_1 323563	22.12 1.03 0.00	20.57 0.92 0.00	20.16 0.91 0.00	20.47 0.77 0.00	21.69 0.65 0.00	23.23 0.79 0.00	29.23 1.34 0.00	32.00 1.72 0.00	31.75 1.65 0.00	31.07 1.45 0.00	29.67 1.50 -0.35	27.78 1.47 0.00	26.97 1.55 0.00	26.91 1.50 0.00	28.69 1.59 -1.51	30.10 1.70 -1.89	32.23 2.09 -0.23	41.57 2.95 -3.86	45.58 3.35 -4.97	39.59 2.74 -5.34	34.25 2.46 -1.46	30.57 1.72 -3.51	26.62 1.65 -2.04	22.66 1.53 -0.46



PJM_GEN_HTP_PROXY 323702	21.63 0.55 0.00	20.18 0.53 0.00	19.78 0.52 0.00	20.08 0.37 0.00	21.20 0.17 0.00	22.69 0.25 0.00	28.59 0.70 0.00	31.64 1.36 0.00	31.54 1.44 0.00	30.72 1.10 0.00	28.87 1.06 0.00	27.31 1.00 0.00	26.47 1.04 0.00	26.45 1.04 0.00	26.64 1.05 0.00	27.65 1.14 0.00	31.35 1.44 0.00	36.81 2.05 0.00	39.65 2.39 0.00	33.46 1.95 0.00	31.89 1.73 0.17	26.66 1.14 -0.17	24.08 1.15 0.00	21.66 0.99 0.00
PJM_GEN_KEystone 24065	20.81 -0.27 0.00	19.43 -0.22 0.00	18.97 -0.29 0.00	19.33 -0.38 0.00	20.55 -0.48 0.00	22.11 -0.34 0.00	27.31 -0.59 0.00	29.61 -0.67 0.00	29.41 -0.69 0.00	28.76 -0.86 0.00	27.01 -0.81 0.00	25.71 -0.60 0.00	24.76 -0.66 0.00	24.78 -0.63 0.00	24.93 -0.67 0.00	25.74 -0.77 0.00	29.19 -0.72 0.00	34.27 -0.49 0.00	36.63 -0.63 0.00	31.22 -0.28 0.00	29.43 -0.73 0.17	24.93 -0.58 -0.17	22.50 -0.44 0.00	20.61 -0.06 0.00
PJM_GEN_NEPTUNE_PROXY 323594	21.86 0.78 0.00	20.36 0.71 0.00	19.93 0.67 0.00	20.26 0.55 0.00	21.43 0.40 0.00	22.96 0.52 0.00	28.87 0.98 0.00	31.73 1.45 0.00	31.54 1.44 0.00	30.84 1.21 0.00	29.17 1.31 -0.04	27.55 1.24 0.00	26.72 1.30 0.00	26.68 1.27 0.00	28.42 1.33 -1.50	29.80 1.43 -1.85	31.88 1.76 -0.21	41.09 2.47 -3.86	45.06 2.83 -4.97	39.15 2.30 -5.34	33.68 2.06 -1.28	30.41 1.44 -3.63	26.32 1.42 -1.97	22.38 1.26 -0.45
PJM_GEN_VFT_PROXY 323633	21.50 0.42 0.00	20.04 0.39 0.00	19.64 0.39 0.00	19.94 0.24 0.00	21.08 0.04 0.00	22.56 0.11 0.00	28.45 0.56 0.00	31.52 1.24 0.00	31.42 1.32 0.00	30.60 0.98 0.00	28.73 0.92 0.00	27.20 0.90 0.00	26.36 0.94 0.00	26.35 0.94 0.00	26.54 0.95 0.00	27.54 1.03 0.00	31.19 1.29 0.00	36.60 1.84 0.00	39.42 2.16 0.00	33.27 1.76 0.00	31.77 1.61 0.17	26.53 1.01 -0.17	23.97 1.03 0.00	21.56 0.89 0.00
PLATSBURG_115KV_PMLD1 355749	21.78 0.70 0.00	20.24 0.59 0.00	19.86 0.60 0.00	20.44 0.73 0.00	21.96 0.93 0.00	23.48 1.03 0.00	28.70 0.81 0.00	30.79 0.51 0.00	30.70 0.60 0.00	30.45 0.83 0.00	28.71 0.89 0.00	27.10 0.79 0.00	26.08 0.66 0.00	26.07 0.66 0.00	26.16 0.56 0.00	27.07 0.56 0.00	30.36 0.45 0.00	34.17 -0.59 0.00	36.29 -0.97 0.00	30.85 -0.66 0.00	29.70 -0.64 0.00	25.34 0.00 0.00	22.77 -0.16 0.00	20.26 -0.41 0.00
PLEASANTVLY__LBMP 24000	21.59 0.51 0.00	20.14 0.49 0.00	19.72 0.46 0.00	20.06 0.35 0.00	21.25 0.21 0.00	22.71 0.27 0.00	28.48 0.59 0.00	31.43 1.15 0.00	31.24 1.14 0.00	30.48 0.86 0.00	28.62 0.81 0.00	27.15 0.84 0.00	26.21 0.79 0.00	26.20 0.79 0.00	26.41 0.82 0.00	27.36 0.85 0.00	31.02 1.11 0.00	36.50 1.74 0.00	39.27 2.01 0.00	33.18 1.67 0.00	31.76 1.43 0.00	26.33 0.99 0.00	23.90 0.96 0.00	21.52 0.85 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	21.67 0.59 0.00	20.22 0.57 0.00	19.80 0.54 0.00	20.12 0.41 0.00	21.31 0.27 0.00	22.78 0.34 0.00	28.62 0.73 0.00	31.64 1.36 0.00	31.48 1.38 0.00	30.69 1.07 0.00	28.85 1.03 0.00	27.36 1.05 0.00	26.44 1.02 0.00	26.43 1.02 0.00	26.64 1.05 0.00	27.60 1.09 0.00	31.29 1.38 0.00	36.84 2.09 0.00	39.61 2.35 0.00	33.49 1.98 0.00	32.03 1.70 0.00	26.53 1.19 0.00	24.08 1.15 0.00	21.64 0.97 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	21.67 0.59 0.00	20.22 0.57 0.00	19.80 0.54 0.00	20.12 0.41 0.00	21.31 0.27 0.00	22.78 0.34 0.00	28.62 0.73 0.00	31.64 1.36 0.00	31.48 1.38 0.00	30.69 1.07 0.00	28.85 1.03 0.00	27.36 1.05 0.00	26.44 1.02 0.00	26.43 1.02 0.00	26.64 1.05 0.00	27.60 1.09 0.00	31.29 1.38 0.00	36.84 2.09 0.00	39.61 2.35 0.00	33.49 1.98 0.00	32.03 1.70 0.00	26.53 1.19 0.00	24.08 1.15 0.00	21.64 0.97 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	21.71 0.63 0.00	20.26 0.61 0.00	19.86 0.60 0.00	20.18 0.47 0.00	21.37 0.34 0.00	22.87 0.43 0.00	28.62 0.73 0.00	31.58 1.30 0.00	31.39 1.29 0.00	30.60 0.98 0.00	28.71 0.89 0.00	27.20 0.89 0.00	26.29 0.86 0.00	26.28 0.86 0.00	26.51 0.92 0.00	27.47 0.95 0.00	31.20 1.29 0.00	36.78 2.02 0.00	39.54 2.27 0.00	33.40 1.89 0.00	31.94 1.61 0.00	26.43 1.09 0.00	23.97 1.03 0.00	21.58 0.91 0.00
POLETTI____ 23519	21.61 0.53 0.00	20.14 0.49 0.00	19.74 0.48 0.00	20.04 0.34 0.00	21.18 0.15 0.00	22.67 0.22 0.00	28.54 0.64 0.00	31.58 1.30 0.00	31.48 1.38 0.00	30.66 1.04 0.00	28.82 1.00 0.00	27.36 1.05 0.00	26.41 0.99 0.00	26.43 1.02 0.00	26.62 1.02 0.00	27.60 1.09 0.00	31.29 1.38 0.00	36.78 2.02 0.00	39.57 2.31 0.00	33.49 1.98 0.00	32.00 1.67 0.00	26.53 1.19 0.00	24.08 1.15 0.00	21.62 0.95 0.00
POMONA____ESR 323819	21.61 0.53 0.00	20.16 0.51 0.00	19.74 0.48 0.00	20.04 0.33 0.00	21.22 0.19 0.00	22.71 0.27 0.00	28.54 0.64 0.00	31.52 1.24 0.00	31.39 1.29 0.00	30.60 0.98 0.00	28.73 0.92 0.00	27.18 0.87 0.00	26.34 0.91 0.00	26.33 0.91 0.00	26.51 0.92 0.00	27.49 0.98 0.00	31.22 1.31 0.00	36.70 1.95 0.00	39.50 2.24 0.00	33.30 1.80 0.00	31.94 1.61 0.00	26.40 1.06 0.00	23.99 1.06 0.00	21.62 0.95 0.00
PORT_JEFF_3 23555	22.16 1.07 0.00	20.61 0.96 0.00	20.22 0.96 0.00	20.53 0.83 0.00	21.71 0.67 0.00	23.27 0.83 0.00	29.18 1.28 0.00	31.88 1.60 0.00	31.63 1.53 0.00	31.02 1.39 0.00	29.54 1.56 -0.16	27.78 1.47 0.00	26.97 1.55 0.00	26.91 1.50 0.00	28.68 1.59 -1.50	30.05 1.67 -1.87	32.19 2.06 -0.22	41.64 3.02 -3.86	45.62 3.39 -4.97	39.56 2.71 -5.34	34.25 2.46 -1.46	30.54 1.72 -3.48	26.59 1.65 -2.00	22.62 1.49 -0.46
PORT_JEFF_4 23616	22.16 1.07 0.00	20.61 0.96 0.00	20.22 0.96 0.00	20.53 0.83 0.00	21.71 0.67 0.00	23.27 0.83 0.00	29.18 1.28 0.00	31.88 1.60 0.00	31.63 1.53 0.00	31.02 1.39 0.00	29.54 1.56 -0.16	27.78 1.47 0.00	26.97 1.55 0.00	26.91 1.50 0.00	28.68 1.59 -1.50	30.05 1.67 -1.87	32.19 2.06 -0.22	41.64 3.02 -3.86	45.62 3.39 -4.97	39.56 2.71 -5.34	34.25 2.46 -1.46	30.54 1.72 -3.48	26.59 1.65 -2.00	22.62 1.49 -0.46
PORT_JEFF_IC 23713	22.18 1.10 0.00	20.65 1.00 0.00	20.22 0.96 0.00	20.55 0.85 0.00	21.75 0.72 0.00	23.30 0.85 0.00	29.21 1.31 0.00	31.91 1.63 0.00	31.70 1.60 0.00	31.04 1.42 0.00	29.60 1.61 -0.17	27.97 1.66 0.00	27.00 1.58 0.00	26.96 1.55 0.00	28.76 1.66 -1.50	30.11 1.72 -1.87	32.28 2.15 -0.22	41.75 3.13 -3.86	45.70 3.47 -4.97	39.71 2.87 -5.34	34.31 2.52 -1.46	30.67 1.85 -3.48	26.63 1.70 -2.00	22.64 1.51 -0.46
PPL PILGRIM_ST_GT1 24216	22.24 1.16 0.00	20.69 1.04 0.00	20.28 1.02 0.00	20.59 0.89 0.00	21.81 0.78 0.00	23.39 0.94 0.00	29.40 1.51 0.00	32.09 1.82 0.00	31.85 1.75 0.00	31.16 1.54 0.00	29.44 1.42 -0.21	27.91 1.61 0.00	27.10 1.68 0.00	27.06 1.65 0.00	28.81 1.71 -1.50	30.19 1.80 -1.88	32.34 2.21 -0.22	41.75 3.13 -3.86	45.81 3.58 -4.97	39.74 2.90 -5.34	34.40 2.61 -1.46	30.45 1.62 -3.48	26.48 1.54 -2.01	22.78 1.65 -0.46



PPL PILGRIM_ST_GT2 24217	22.24 1.16 0.00	20.69 1.04 0.00	20.28 1.02 0.00	20.59 0.89 0.00	21.81 0.78 0.00	23.39 0.94 0.00	29.40 1.51 0.00	32.09 1.82 0.00	31.85 1.75 0.00	31.16 1.54 0.00	29.44 1.42 -0.21	27.91 1.61 0.00	27.10 1.68 0.00	27.06 1.65 0.00	28.81 1.71 -1.50	30.19 1.80 -1.88	32.34 2.21 -0.22	41.75 3.13 -3.86	45.81 3.58 -4.97	39.74 2.90 -5.34	34.40 2.61 -1.46	30.45 1.62 -3.48	26.48 1.54 -2.01	22.78 1.65 -0.46
PPL_SHRM_GT3 24213	22.18 1.10 0.00	20.61 0.96 0.00	20.24 0.98 0.00	20.55 0.85 0.00	21.73 0.69 0.00	23.30 0.85 0.00	29.04 1.14 0.00	31.70 1.42 0.00	31.49 1.39 0.00	30.84 1.21 0.00	29.40 1.42 -0.17	27.62 1.31 0.00	26.82 1.40 0.00	26.76 1.35 0.00	28.53 1.43 -1.50	29.92 1.54 -1.87	32.04 1.92 -0.22	41.57 2.95 -3.86	45.51 3.28 -4.97	39.46 2.61 -5.34	34.19 2.40 -1.46	30.46 1.65 -3.48	26.49 1.56 -2.00	22.51 1.38 -0.46
PPL_SHRM_GT4 24214	22.18 1.10 0.00	20.61 0.96 0.00	20.24 0.98 0.00	20.55 0.85 0.00	21.73 0.69 0.00	23.30 0.85 0.00	29.04 1.14 0.00	31.70 1.42 0.00	31.49 1.39 0.00	30.84 1.21 0.00	29.40 1.42 -0.17	27.62 1.31 0.00	26.82 1.40 0.00	26.76 1.35 0.00	28.53 1.43 -1.50	29.92 1.54 -1.87	32.04 1.92 -0.22	41.57 2.95 -3.86	45.51 3.28 -4.97	39.46 2.61 -5.34	34.19 2.40 -1.46	30.46 1.65 -3.48	26.49 1.56 -2.00	22.51 1.38 -0.46
PROJECT___ORANGE 1 24174	20.91 -0.17 0.00	19.53 -0.12 0.00	19.10 -0.15 0.00	19.53 -0.18 0.00	20.80 -0.23 0.00	22.20 -0.25 0.00	27.48 -0.42 0.00	29.88 -0.39 0.00	29.62 -0.48 0.00	29.06 -0.56 0.00	27.32 -0.50 0.00	25.78 -0.53 0.00	24.94 -0.48 0.00	24.90 -0.51 0.00	25.11 -0.49 0.00	26.01 -0.50 0.00	29.37 -0.54 0.00	34.24 -0.52 0.00	36.70 -0.56 0.00	31.07 -0.44 0.00	29.73 -0.61 0.00	24.83 -0.51 0.00	22.52 -0.41 0.00	20.63 -0.04 0.00
PROJECT___ORANGE 2 24166	20.91 -0.17 0.00	19.53 -0.12 0.00	19.10 -0.15 0.00	19.53 -0.18 0.00	20.80 -0.23 0.00	22.20 -0.25 0.00	27.48 -0.42 0.00	29.88 -0.39 0.00	29.62 -0.48 0.00	29.06 -0.56 0.00	27.32 -0.50 0.00	25.78 -0.53 0.00	24.94 -0.48 0.00	24.90 -0.51 0.00	25.11 -0.49 0.00	26.01 -0.50 0.00	29.37 -0.54 0.00	34.24 -0.52 0.00	36.70 -0.56 0.00	31.07 -0.44 0.00	29.73 -0.61 0.00	24.83 -0.51 0.00	22.52 -0.41 0.00	20.63 -0.04 0.00
PUCKETT___SOLAR 323809	21.55 0.46 0.00	20.12 0.47 0.00	19.64 0.39 0.00	20.06 0.36 0.00	21.39 0.36 0.00	22.94 0.49 0.00	28.48 0.59 0.00	31.03 0.76 0.00	30.64 0.54 0.00	29.95 0.33 0.00	28.01 0.20 0.00	26.41 0.11 0.00	25.47 0.05 0.00	25.44 0.03 0.00	25.69 0.10 0.00	26.64 0.13 0.00	30.24 0.33 0.00	35.52 0.76 0.00	38.05 0.78 0.00	32.36 0.85 0.00	30.76 0.42 0.00	25.67 0.33 0.00	23.21 0.28 0.00	21.19 0.52 0.00
PYRITES___HYD 24023	21.34 0.25 0.00	19.83 0.18 0.00	19.45 0.19 0.00	20.06 0.35 0.00	21.73 0.69 0.00	23.25 0.81 0.00	28.82 0.92 0.00	31.09 0.82 0.00	30.91 0.81 0.00	30.78 1.16 0.00	28.87 1.06 0.00	27.18 0.87 0.00	26.24 0.81 0.00	26.25 0.84 0.00	26.39 0.79 0.00	27.20 0.69 0.00	30.30 0.39 0.00	34.72 -0.03 0.00	37.00 -0.26 0.00	31.26 -0.25 0.00	30.58 0.24 0.00	25.77 0.43 0.00	23.23 0.30 0.00	20.46 -0.21 0.00
QUAKERRD_115KV_BK1 80622	19.97 -1.12 0.00	18.67 -0.98 0.00	18.18 -1.08 0.00	18.62 -1.08 0.00	19.88 -1.16 0.00	21.34 -1.10 0.00	26.11 -1.79 0.00	28.22 -2.06 0.00	27.90 -2.20 0.00	27.34 -2.28 0.00	25.70 -2.11 0.00	24.28 -2.03 0.00	23.54 -1.88 0.00	23.53 -1.88 0.00	23.65 -1.94 0.00	24.50 -2.01 0.00	27.76 -2.15 0.00	32.33 -2.43 0.00	34.62 -2.65 0.00	29.37 -2.14 0.00	27.97 -2.37 0.00	23.34 -2.00 0.00	21.19 -1.74 0.00	19.59 -1.07 0.00
QUENSBRY_115KV_TB8 356137	21.69 0.61 0.00	20.30 0.65 0.00	19.86 0.60 0.00	20.28 0.57 0.00	21.58 0.55 0.00	23.07 0.63 0.00	28.82 0.92 0.00	31.52 1.24 0.00	31.42 1.32 0.00	30.69 1.07 0.00	28.73 0.92 0.00	27.20 0.89 0.00	26.26 0.84 0.00	26.25 0.84 0.00	26.39 0.79 0.00	27.47 0.95 0.00	31.08 1.17 0.00	36.64 1.88 0.00	39.31 2.05 0.00	33.15 1.64 0.00	31.79 1.46 0.00	26.33 0.99 0.00	23.76 0.83 0.00	21.43 0.76 0.00
RAMAPO___LBMP 323565	21.55 0.46 0.00	20.10 0.45 0.00	19.68 0.42 0.00	20.00 0.30 0.00	21.18 0.15 0.00	22.67 0.22 0.00	28.45 0.56 0.00	31.46 1.18 0.00	31.30 1.20 0.00	30.54 0.92 0.00	28.68 0.86 0.00	27.20 0.89 0.00	26.26 0.84 0.00	26.25 0.84 0.00	26.46 0.87 0.00	27.41 0.90 0.00	31.11 1.20 0.00	36.60 1.84 0.00	39.35 2.09 0.00	33.30 1.80 0.00	31.85 1.52 0.00	26.40 1.06 0.00	23.97 1.03 0.00	21.56 0.89 0.00
RANKINE____ 23646	19.94 -1.14 0.00	18.65 -1.00 0.00	18.10 -1.16 0.00	18.54 -1.16 0.00	19.86 -1.18 0.00	21.57 -0.88 0.00	25.80 -2.09 0.00	27.37 -2.91 0.00	27.03 -3.07 0.00	26.57 -3.05 0.00	24.98 -2.84 0.00	23.65 -2.66 0.00	23.01 -2.42 0.00	23.05 -2.36 0.00	23.03 -2.56 0.00	23.81 -2.70 0.00	26.98 -2.93 0.00	31.46 -3.30 0.00	33.31 -3.95 0.00	28.42 -3.09 0.00	26.79 -3.55 0.00	22.48 -2.86 0.00	20.55 -2.39 0.00	19.41 -1.26 0.00
RAVENSWOOD_GT2_1 24244	21.67 0.59 0.00	20.20 0.55 0.00	19.80 0.54 0.00	20.08 0.37 0.00	21.25 0.21 0.00	22.71 0.27 0.00	28.62 0.73 0.00	31.64 1.36 0.00	31.54 1.44 0.00	30.72 1.10 0.00	28.87 1.06 0.00	27.41 1.10 0.00	26.47 1.04 0.00	26.48 1.07 0.00	26.67 1.07 0.00	27.65 1.14 0.00	31.35 1.44 0.00	36.84 2.09 0.00	39.65 2.38 0.00	33.56 2.05 0.00	32.06 1.73 0.00	26.58 1.24 0.00	24.13 1.19 0.00	21.68 1.01 0.00
RAVENSWOOD_GT2_2 24245	21.67 0.59 0.00	20.20 0.55 0.00	19.80 0.54 0.00	20.08 0.37 0.00	21.25 0.21 0.00	22.71 0.27 0.00	28.62 0.73 0.00	31.64 1.36 0.00	31.54 1.44 0.00	30.72 1.10 0.00	28.87 1.06 0.00	27.41 1.10 0.00	26.47 1.04 0.00	26.48 1.07 0.00	26.67 1.07 0.00	27.65 1.14 0.00	31.35 1.44 0.00	36.84 2.09 0.00	39.65 2.38 0.00	33.56 2.05 0.00	32.06 1.73 0.00	26.58 1.24 0.00	24.13 1.19 0.00	21.68 1.01 0.00
RAVENSWOOD_GT2_3 24246	21.67 0.59 0.00	20.20 0.55 0.00	19.80 0.54 0.00	20.10 0.39 0.00	21.25 0.21 0.00	22.73 0.29 0.00	28.62 0.73 0.00	31.67 1.39 0.00	31.54 1.44 0.00	30.75 1.13 0.00	28.90 1.08 0.00	27.41 1.10 0.00	26.49 1.07 0.00	26.48 1.07 0.00	26.69 1.10 0.00	27.65 1.14 0.00	31.35 1.44 0.00	36.88 2.12 0.00	39.68 2.42 0.00	33.59 2.08 0.00	32.09 1.76 0.00	26.58 1.24 0.00	24.15 1.22 0.00	21.68 1.01 0.00
RAVENSWOOD_GT2_4 24247	21.67 0.59 0.00	20.20 0.55 0.00	19.80 0.54 0.00	20.10 0.39 0.00	21.25 0.21 0.00	22.73 0.29 0.00	28.62 0.73 0.00	31.67 1.39 0.00	31.54 1.44 0.00	30.75 1.13 0.00	28.90 1.08 0.00	27.41 1.10 0.00	26.49 1.07 0.00	26.48 1.07 0.00	26.69 1.10 0.00	27.65 1.14 0.00	31.35 1.44 0.00	36.88 2.12 0.00	39.68 2.42 0.00	33.59 2.08 0.00	32.09 1.76 0.00	26.58 1.24 0.00	24.15 1.22 0.00	21.68 1.01 0.00



RAVENSWOOD_GT3_1 24248	21.67 0.59 0.00	20.20 0.55 0.00	19.80 0.54 0.00	20.10 0.39 0.00	21.25 0.21 0.00	22.71 0.27 0.00	28.62 0.73 0.00	31.67 1.39 0.00	31.54 1.44 0.00	30.75 1.13 0.00	28.87 1.06 0.00	27.41 1.10 0.00	26.49 1.07 0.00	26.48 1.07 0.00	26.69 1.10 0.00	27.65 1.14 0.00	31.35 1.44 0.00	36.84 2.09 0.00	39.65 2.38 0.00	33.56 2.05 0.00	32.06 1.73 0.00	26.58 1.24 0.00	24.13 1.19 0.00	21.68 1.01 0.00
RAVENSWOOD_GT3_2 24249	21.67 0.59 0.00	20.20 0.55 0.00	19.80 0.54 0.00	20.10 0.39 0.00	21.25 0.21 0.00	22.71 0.27 0.00	28.62 0.73 0.00	31.67 1.39 0.00	31.54 1.44 0.00	30.75 1.13 0.00	28.87 1.06 0.00	27.41 1.10 0.00	26.49 1.07 0.00	26.48 1.07 0.00	26.69 1.10 0.00	27.65 1.14 0.00	31.35 1.44 0.00	36.84 2.09 0.00	39.65 2.38 0.00	33.56 2.05 0.00	32.06 1.73 0.00	26.58 1.24 0.00	24.13 1.19 0.00	21.68 1.01 0.00
RAVENSWOOD_GT3_3 24250	21.69 0.61 0.00	20.22 0.57 0.00	19.82 0.56 0.00	20.12 0.41 0.00	21.27 0.23 0.00	22.76 0.31 0.00	28.65 0.75 0.00	31.70 1.42 0.00	31.61 1.51 0.00	30.78 1.16 0.00	28.93 1.11 0.00	27.47 1.16 0.00	26.52 1.09 0.00	26.50 1.09 0.00	26.72 1.13 0.00	27.70 1.19 0.00	31.41 1.50 0.00	36.91 2.16 0.00	39.72 2.46 0.00	33.62 2.11 0.00	32.13 1.79 0.00	26.61 1.27 0.00	24.17 1.24 0.00	21.70 1.03 0.00
RAVENSWOOD_GT3_4 24251	21.69 0.61 0.00	20.22 0.57 0.00	19.82 0.56 0.00	20.12 0.41 0.00	21.27 0.23 0.00	22.76 0.31 0.00	28.65 0.75 0.00	31.70 1.42 0.00	31.61 1.51 0.00	30.78 1.16 0.00	28.93 1.11 0.00	27.47 1.16 0.00	26.52 1.09 0.00	26.50 1.09 0.00	26.72 1.13 0.00	27.70 1.19 0.00	31.41 1.50 0.00	36.91 2.16 0.00	39.72 2.46 0.00	33.62 2.11 0.00	32.13 1.79 0.00	26.61 1.27 0.00	24.17 1.24 0.00	21.70 1.03 0.00
RAVENSWOOD_GT_1 23729	21.76 0.67 0.00	20.28 0.63 0.00	19.87 0.62 0.00	20.16 0.45 0.00	21.31 0.27 0.00	22.73 0.29 0.00	28.62 0.73 0.00	31.67 1.39 0.00	31.54 1.44 0.00	30.75 1.13 0.00	28.90 1.08 0.00	27.41 1.10 0.00	26.49 1.07 0.00	26.48 1.07 0.00	26.69 1.10 0.00	27.68 1.17 0.00	31.38 1.47 0.00	36.88 2.12 0.00	39.68 2.42 0.00	33.59 2.08 0.00	32.09 1.76 0.00	26.58 1.24 0.00	24.22 1.28 0.00	21.76 1.10 0.00
RAVENSWOOD_GT_10 24258	21.67 0.59 0.00	20.20 0.55 0.00	19.78 0.52 0.00	20.08 0.37 0.00	21.25 0.21 0.00	22.73 0.29 0.00	28.62 0.73 0.00	31.67 1.39 0.00	31.54 1.44 0.00	30.75 1.13 0.00	28.87 1.06 0.00	27.41 1.10 0.00	26.49 1.07 0.00	26.48 1.07 0.00	26.69 1.10 0.00	27.65 1.14 0.00	31.35 1.44 0.00	36.84 2.09 0.00	39.65 2.38 0.00	33.56 2.05 0.00	32.06 1.73 0.00	26.58 1.24 0.00	24.13 1.19 0.00	21.68 1.01 0.00
RAVENSWOOD_GT_11 24259	21.67 0.59 0.00	20.20 0.55 0.00	19.78 0.52 0.00	20.08 0.37 0.00	21.25 0.21 0.00	22.73 0.29 0.00	28.62 0.73 0.00	31.67 1.39 0.00	31.54 1.44 0.00	30.75 1.13 0.00	28.87 1.06 0.00	27.41 1.10 0.00	26.49 1.07 0.00	26.48 1.07 0.00	26.69 1.10 0.00	27.65 1.14 0.00	31.35 1.44 0.00	36.84 2.09 0.00	39.65 2.38 0.00	33.56 2.05 0.00	32.06 1.73 0.00	26.58 1.24 0.00	24.13 1.19 0.00	21.68 1.01 0.00
RAVENSWOOD_GT_4 24252	21.65 0.57 0.00	20.18 0.53 0.00	19.78 0.52 0.00	20.08 0.37 0.00	21.23 0.19 0.00	22.73 0.29 0.00	28.62 0.73 0.00	31.67 1.39 0.00	31.54 1.44 0.00	30.75 1.13 0.00	28.87 1.06 0.00	27.41 1.10 0.00	26.49 1.07 0.00	26.48 1.07 0.00	26.69 1.10 0.00	27.65 1.14 0.00	31.35 1.44 0.00	36.84 2.09 0.00	39.65 2.38 0.00	33.56 2.05 0.00	32.09 1.76 0.00	26.58 1.24 0.00	24.13 1.19 0.00	21.66 0.99 0.00
RAVENSWOOD_GT_5 24254	21.65 0.57 0.00	20.18 0.53 0.00	19.78 0.52 0.00	20.08 0.37 0.00	21.23 0.19 0.00	22.73 0.29 0.00	28.62 0.73 0.00	31.67 1.39 0.00	31.54 1.44 0.00	30.75 1.13 0.00	28.87 1.06 0.00	27.41 1.10 0.00	26.49 1.07 0.00	26.48 1.07 0.00	26.69 1.10 0.00	27.65 1.14 0.00	31.35 1.44 0.00	36.84 2.09 0.00	39.65 2.38 0.00	33.56 2.05 0.00	32.09 1.76 0.00	26.58 1.24 0.00	24.13 1.19 0.00	21.66 0.99 0.00
RAVENSWOOD_GT_6 24253	21.65 0.57 0.00	20.18 0.53 0.00	19.78 0.52 0.00	20.08 0.37 0.00	21.23 0.19 0.00	22.73 0.29 0.00	28.62 0.73 0.00	31.67 1.39 0.00	31.54 1.44 0.00	30.75 1.13 0.00	28.87 1.06 0.00	27.41 1.10 0.00	26.49 1.07 0.00	26.48 1.07 0.00	26.69 1.10 0.00	27.65 1.14 0.00	31.35 1.44 0.00	36.84 2.09 0.00	39.65 2.38 0.00	33.56 2.05 0.00	32.09 1.76 0.00	26.58 1.24 0.00	24.13 1.19 0.00	21.66 0.99 0.00
RAVENSWOOD_GT_7 24255	21.65 0.57 0.00	20.18 0.53 0.00	19.78 0.52 0.00	20.08 0.37 0.00	21.23 0.19 0.00	22.73 0.29 0.00	28.62 0.73 0.00	31.67 1.39 0.00	31.54 1.44 0.00	30.75 1.13 0.00	28.87 1.06 0.00	27.41 1.10 0.00	26.49 1.07 0.00	26.48 1.07 0.00	26.69 1.10 0.00	27.65 1.14 0.00	31.35 1.44 0.00	36.84 2.09 0.00	39.65 2.38 0.00	33.56 2.05 0.00	32.09 1.76 0.00	26.58 1.24 0.00	24.13 1.19 0.00	21.66 0.99 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	21.67 0.59 0.00	20.20 0.55 0.00	19.78 0.52 0.00	20.08 0.37 0.00	21.25 0.21 0.00	22.73 0.29 0.00	28.62 0.73 0.00	31.67 1.39 0.00	31.54 1.44 0.00	30.75 1.13 0.00	28.87 1.06 0.00	27.41 1.10 0.00	26.49 1.07 0.00	26.48 1.07 0.00	26.69 1.10 0.00	27.65 1.14 0.00	31.35 1.44 0.00	36.84 2.09 0.00	39.65 2.38 0.00	33.56 2.05 0.00	32.06 1.73 0.00	26.58 1.24 0.00	24.13 1.19 0.00	21.68 1.01 0.00
RAVENSWOOD_GT_9 24257	21.67 0.59 0.00	20.20 0.55 0.00	19.78 0.52 0.00	20.08 0.37 0.00	21.25 0.21 0.00	22.73 0.29 0.00	28.62 0.73 0.00	31.67 1.39 0.00	31.54 1.44 0.00	30.75 1.13 0.00	28.87 1.06 0.00	27.41 1.10 0.00	26.49 1.07 0.00	26.48 1.07 0.00	26.69 1.10 0.00	27.65 1.14 0.00	31.35 1.44 0.00	36.84 2.09 0.00	39.65 2.38 0.00	33.56 2.05 0.00	32.06 1.73 0.00	26.58 1.24 0.00	24.13 1.19 0.00	21.68 1.01 0.00
RAVENSWOOD___1 23533	21.71 0.63 0.00	20.26 0.61 0.00	19.87 0.62 0.00	20.14 0.43 0.00	21.29 0.25 0.00	22.71 0.27 0.00	28.59 0.70 0.00	31.64 1.36 0.00	31.54 1.44 0.00	30.72 1.10 0.00	28.85 1.03 0.00	27.31 1.00 0.00	26.49 1.07 0.00	26.48 1.07 0.00	26.64 1.05 0.00	27.65 1.14 0.00	31.35 1.44 0.00	36.84 2.09 0.00	39.68 2.42 0.00	33.46 1.95 0.00	32.06 1.73 0.00	26.45 1.11 0.00	24.15 1.21 0.00	21.74 1.07 0.00
RAVENSWOOD___2 23534	21.71 0.63 0.00	20.26 0.61 0.00	19.86 0.60 0.00	20.14 0.43 0.00	21.29 0.25 0.00	22.71 0.27 0.00	28.59 0.70 0.00	31.64 1.36 0.00	31.52 1.42 0.00	30.69 1.06 0.00	28.85 1.03 0.00	27.31 1.00 0.00	26.47 1.04 0.00	26.45 1.04 0.00	26.62 1.02 0.00	27.65 1.14 0.00	31.35 1.44 0.00	36.81 2.05 0.00	39.68 2.42 0.00	33.46 1.95 0.00	32.06 1.73 0.00	26.45 1.11 0.00	24.13 1.19 0.00	21.74 1.07 0.00



RAVENSWOOD___3 23535	21.65 0.57 0.00	20.20 0.55 0.00	19.80 0.54 0.00	20.10 0.39 0.00	21.25 0.21 0.00	22.71 0.27 0.00	28.62 0.72 0.00	31.67 1.39 0.00	31.54 1.44 0.00	30.72 1.10 0.00	28.87 1.06 0.00	27.31 1.00 0.00	26.49 1.07 0.00	26.48 1.07 0.00	26.64 1.05 0.00	27.65 1.14 0.00	31.35 1.44 0.00	36.81 2.05 0.00	39.68 2.42 0.00	33.46 1.95 0.00	32.06 1.73 0.00	26.48 1.14 0.00	24.10 1.17 0.00	21.68 1.01 0.00
RAVENSWOOD___4 23820	21.71 0.63 0.00	20.24 0.59 0.00	19.86 0.60 0.00	20.14 0.43 0.00	21.27 0.23 0.00	22.71 0.27 0.00	28.59 0.70 0.00	31.64 1.36 0.00	31.52 1.42 0.00	30.69 1.06 0.00	28.85 1.03 0.00	27.31 1.00 0.00	26.47 1.04 0.00	26.45 1.04 0.00	26.62 1.02 0.00	27.62 1.11 0.00	31.35 1.44 0.00	36.81 2.05 0.00	39.68 2.42 0.00	33.43 1.92 0.00	32.06 1.73 0.00	26.45 1.11 0.00	24.13 1.19 0.00	21.72 1.05 0.00
RCPL_TRUST___DRP 24196	21.67 0.59 0.00	20.20 0.55 0.00	19.80 0.54 0.00	20.10 0.39 0.00	21.25 0.21 0.00	22.73 0.29 0.00	28.65 0.75 0.00	31.70 1.42 0.00	31.61 1.51 0.00	30.78 1.16 0.00	28.93 1.11 0.00	27.47 1.16 0.00	26.52 1.09 0.00	26.50 1.09 0.00	26.72 1.13 0.00	27.70 1.19 0.00	31.41 1.50 0.00	36.91 2.16 0.00	39.72 2.46 0.00	33.62 2.11 0.00	32.13 1.79 0.00	26.61 1.27 0.00	24.15 1.22 0.00	21.70 1.03 0.00
RED___ROCHESTER 323720	20.43 -0.65 0.00	19.08 -0.57 0.00	18.57 -0.69 0.00	19.02 -0.69 0.00	20.32 -0.72 0.00	21.88 -0.56 0.00	26.64 -1.25 0.00	28.70 -1.58 0.00	28.35 -1.75 0.00	27.85 -1.78 0.00	26.15 -1.67 0.00	24.99 -1.31 0.00	23.97 -1.45 0.00	23.96 -1.45 0.00	24.21 -1.38 0.00	24.92 -1.59 0.00	28.26 -1.64 0.00	33.06 -1.70 0.00	35.21 -2.05 0.00	30.21 -1.29 0.00	28.43 -1.91 0.00	23.95 -1.39 0.00	21.65 -1.28 0.00	20.01 -0.66 0.00
REGAN___SOLAR 323812	22.73 1.65 0.00	21.28 1.63 0.00	20.78 1.52 0.00	21.25 1.54 0.00	22.68 1.64 0.00	24.30 1.86 0.00	30.35 2.46 0.00	32.91 2.63 0.00	32.81 2.71 0.00	31.64 2.02 0.00	29.65 1.84 0.00	27.81 1.50 0.00	26.90 1.47 0.00	26.88 1.47 0.00	27.08 1.48 0.00	28.23 1.72 0.00	32.12 2.21 0.00	38.13 3.37 0.00	41.06 3.80 0.00	34.66 3.15 0.00	33.16 2.82 0.00	27.54 2.20 0.00	24.77 1.84 0.00	22.41 1.74 0.00
RENSSELAER___COGEN 23796	21.59 0.51 0.00	20.18 0.53 0.00	19.78 0.52 0.00	20.14 0.43 0.00	21.39 0.36 0.00	22.85 0.40 0.00	28.48 0.59 0.00	31.24 0.97 0.00	31.00 0.90 0.00	30.30 0.68 0.00	28.43 0.61 0.00	26.89 0.58 0.00	26.03 0.61 0.00	26.02 0.61 0.00	26.21 0.61 0.00	27.17 0.66 0.00	30.78 0.87 0.00	36.15 1.39 0.00	38.86 1.60 0.00	32.77 1.26 0.00	31.46 1.12 0.00	26.08 0.74 0.00	23.69 0.76 0.00	21.39 0.72 0.00
REPUBLIC_115KV_BARTNBRK 55605	22.28 1.20 0.00	20.87 1.22 0.00	20.41 1.16 0.00	20.85 1.14 0.00	22.23 1.20 0.00	23.81 1.37 0.00	29.76 1.87 0.00	32.55 2.27 0.00	32.60 2.50 0.00	31.78 2.16 0.00	29.71 1.89 0.00	28.10 1.79 0.00	27.10 1.68 0.00	27.04 1.63 0.00	27.13 1.54 0.00	28.53 2.01 0.00	32.24 2.33 0.00	38.13 3.37 0.00	40.76 3.50 0.00	34.31 2.80 0.00	32.94 2.61 0.00	27.19 1.85 0.00	24.40 1.47 0.00	21.99 1.32 0.00
REVERE_CPPR_DRP 24186	21.67 0.59 0.00	20.24 0.59 0.00	19.78 0.52 0.00	20.22 0.51 0.00	21.60 0.57 0.00	23.07 0.63 0.00	28.76 0.86 0.00	31.46 1.18 0.00	31.12 1.02 0.00	30.42 0.80 0.00	28.51 0.70 0.00	26.86 0.55 0.00	25.93 0.51 0.00	25.95 0.53 0.00	26.18 0.59 0.00	27.17 0.66 0.00	30.81 0.90 0.00	36.08 1.32 0.00	38.60 1.34 0.00	32.64 1.13 0.00	31.28 0.94 0.00	26.05 0.71 0.00	23.53 0.60 0.00	21.31 0.64 0.00
REYNOLDS_115KV_TB3 80639	21.57 0.48 0.00	20.16 0.51 0.00	19.74 0.48 0.00	20.10 0.39 0.00	21.35 0.32 0.00	22.78 0.34 0.00	28.43 0.53 0.00	31.15 0.88 0.00	30.91 0.81 0.00	30.24 0.62 0.00	28.37 0.56 0.00	26.89 0.58 0.00	25.98 0.56 0.00	25.97 0.56 0.00	26.16 0.56 0.00	27.12 0.61 0.00	30.69 0.78 0.00	36.12 1.36 0.00	38.79 1.53 0.00	32.77 1.26 0.00	31.40 1.06 0.00	26.05 0.71 0.00	23.67 0.73 0.00	21.37 0.70 0.00
RIVERBAY____ 323610	21.99 0.91 0.00	20.48 0.83 0.00	20.12 0.87 0.00	20.40 0.69 0.00	21.54 0.50 0.00	22.82 0.38 0.00	28.70 0.81 0.00	31.70 1.42 0.00	31.58 1.47 0.00	30.69 1.07 0.00	28.82 1.00 0.00	27.34 1.03 0.00	26.39 0.97 0.00	26.38 0.97 0.00	26.56 0.97 0.00	27.54 1.03 0.00	31.23 1.32 0.00	36.74 1.98 0.00	39.54 2.27 0.00	33.49 1.98 0.00	32.00 1.67 0.00	26.51 1.17 0.00	24.24 1.31 0.00	21.83 1.16 0.00
RIVERSDE_115KV_TB3 55908	21.61 0.53 0.00	20.20 0.55 0.00	19.78 0.52 0.00	20.16 0.45 0.00	21.41 0.38 0.00	22.85 0.40 0.00	28.48 0.59 0.00	31.25 0.97 0.00	31.03 0.93 0.00	30.33 0.71 0.00	28.46 0.64 0.00	26.97 0.66 0.00	26.06 0.64 0.00	26.07 0.66 0.00	26.23 0.64 0.00	27.20 0.69 0.00	30.81 0.90 0.00	36.22 1.46 0.00	38.90 1.64 0.00	32.83 1.32 0.00	31.49 1.15 0.00	26.13 0.79 0.00	23.74 0.80 0.00	21.41 0.74 0.00
ROARING___BROOK_WT_PWR 323790	20.83 -0.25 0.00	19.36 -0.29 0.00	18.95 -0.31 0.00	19.41 -0.30 0.00	20.76 -0.27 0.00	22.13 -0.31 0.00	27.45 -0.45 0.00	29.70 -0.58 0.00	29.59 -0.51 0.00	29.27 -0.35 0.00	27.54 -0.28 0.00	26.05 -0.26 0.00	25.17 -0.25 0.00	25.16 -0.25 0.00	25.31 -0.28 0.00	26.19 -0.32 0.00	29.43 -0.48 0.00	33.86 -0.90 0.00	36.11 -1.16 0.00	30.40 -1.10 0.00	29.39 -0.94 0.00	24.58 -0.76 0.00	22.22 -0.71 0.00	19.86 -0.81 0.00
ROCHESRG_115KV_T4 355643	20.24 -0.84 0.00	18.90 -0.75 0.00	18.41 -0.85 0.00	18.86 -0.85 0.00	20.15 -0.88 0.00	21.68 -0.76 0.00	26.36 -1.53 0.00	28.40 -1.88 0.00	28.05 -2.05 0.00	27.49 -2.13 0.00	25.84 -1.97 0.00	24.44 -1.87 0.00	23.72 -1.70 0.00	23.71 -1.70 0.00	23.83 -1.77 0.00	24.63 -1.88 0.00	27.94 -1.97 0.00	32.53 -2.22 0.00	34.77 -2.50 0.00	29.55 -1.95 0.00	28.09 -2.24 0.00	23.46 -1.88 0.00	21.35 -1.58 0.00	19.82 -0.85 0.00
ROCHESTER_9_IC 23652	20.32 -0.76 0.00	19.00 -0.65 0.00	18.51 -0.75 0.00	18.94 -0.77 0.00	20.24 -0.80 0.00	21.79 -0.65 0.00	26.53 -1.37 0.00	28.58 -1.70 0.00	28.23 -1.87 0.00	27.67 -1.96 0.00	25.98 -1.84 0.00	24.57 -1.74 0.00	23.85 -1.58 0.00	23.84 -1.58 0.00	23.95 -1.64 0.00	24.79 -1.72 0.00	28.12 -1.79 0.00	32.74 -2.02 0.00	34.99 -2.27 0.00	29.74 -1.76 0.00	28.24 -2.09 0.00	23.59 -1.75 0.00	21.47 -1.47 0.00	19.92 -0.74 0.00
ROCKVIEW_13_KV_LD 356306	21.71 0.63 0.00	20.24 0.59 0.00	19.84 0.58 0.00	20.14 0.43 0.00	21.33 0.29 0.00	22.80 0.36 0.00	28.70 0.81 0.00	31.76 1.48 0.00	31.64 1.54 0.00	30.81 1.18 0.00	28.96 1.14 0.00	27.49 1.18 0.00	26.54 1.12 0.00	26.53 1.12 0.00	26.74 1.15 0.00	27.73 1.22 0.00	31.43 1.53 0.00	37.02 2.26 0.00	39.80 2.53 0.00	33.68 2.17 0.00	32.19 1.85 0.00	26.66 1.32 0.00	24.17 1.24 0.00	21.72 1.05 0.00



ROME____115KV_TB2 80656	21.67 0.59 0.00	20.24 0.59 0.00	19.78 0.52 0.00	20.22 0.51 0.00	21.60 0.57 0.00	23.07 0.63 0.00	28.76 0.86 0.00	31.46 1.18 0.00	31.12 1.02 0.00	30.42 0.80 0.00	28.51 0.70 0.00	26.86 0.55 0.00	25.93 0.51 0.00	25.95 0.53 0.00	26.18 0.59 0.00	27.17 0.66 0.00	30.81 0.90 0.00	36.08 1.32 0.00	38.60 1.34 0.00	32.64 1.13 0.00	31.28 0.94 0.00	26.05 0.71 0.00	23.53 0.60 0.00	21.31 0.64 0.00
ROSETON____1 23587	21.55 0.46 0.00	20.12 0.47 0.00	19.70 0.44 0.00	20.02 0.31 0.00	21.22 0.19 0.00	22.69 0.25 0.00	28.45 0.56 0.00	31.40 1.12 0.00	31.24 1.14 0.00	30.45 0.83 0.00	28.59 0.78 0.00	27.04 0.74 0.00	26.21 0.79 0.00	26.20 0.79 0.00	26.39 0.79 0.00	27.36 0.85 0.00	31.02 1.11 0.00	36.46 1.70 0.00	39.24 1.97 0.00	33.11 1.61 0.00	31.76 1.43 0.00	26.25 0.91 0.00	23.85 0.92 0.00	21.50 0.83 0.00
ROSETON____2 23588	21.55 0.46 0.00	20.12 0.47 0.00	19.70 0.44 0.00	20.02 0.31 0.00	21.22 0.19 0.00	22.69 0.25 0.00	28.45 0.56 0.00	31.40 1.12 0.00	31.24 1.14 0.00	30.45 0.83 0.00	28.59 0.78 0.00	27.04 0.74 0.00	26.21 0.79 0.00	26.20 0.79 0.00	26.39 0.79 0.00	27.36 0.85 0.00	31.02 1.11 0.00	36.46 1.70 0.00	39.24 1.97 0.00	33.11 1.61 0.00	31.76 1.43 0.00	26.25 0.91 0.00	23.85 0.92 0.00	21.50 0.83 0.00
ROTTDRDAM_115KV_TB3 80664	21.48 0.40 0.00	20.06 0.41 0.00	19.64 0.39 0.00	20.04 0.34 0.00	21.31 0.27 0.00	22.76 0.31 0.00	28.40 0.50 0.00	31.00 0.73 0.00	30.82 0.72 0.00	30.16 0.53 0.00	28.29 0.47 0.00	26.78 0.47 0.00	25.88 0.46 0.00	25.87 0.46 0.00	26.05 0.46 0.00	27.01 0.50 0.00	30.57 0.66 0.00	35.87 1.11 0.00	38.49 1.23 0.00	32.55 1.04 0.00	31.22 0.88 0.00	25.95 0.61 0.00	23.51 0.57 0.00	21.21 0.54 0.00
RUSSELL____1 23602	20.41 -0.67 0.00	19.08 -0.57 0.00	18.57 -0.69 0.00	19.02 -0.69 0.00	20.32 -0.72 0.00	21.88 -0.56 0.00	26.64 -1.26 0.00	28.70 -1.57 0.00	28.35 -1.75 0.00	27.79 -1.84 0.00	26.12 -1.70 0.00	24.68 -1.63 0.00	23.97 -1.45 0.00	23.96 -1.45 0.00	24.08 -1.51 0.00	24.92 -1.59 0.00	28.26 -1.65 0.00	32.92 -1.84 0.00	35.21 -2.05 0.00	29.90 -1.61 0.00	28.42 -1.91 0.00	23.72 -1.62 0.00	21.56 -1.38 0.00	20.01 -0.66 0.00
RUSSELL____2 23532	20.41 -0.67 0.00	19.08 -0.57 0.00	18.57 -0.69 0.00	19.02 -0.69 0.00	20.32 -0.72 0.00	21.88 -0.56 0.00	26.64 -1.26 0.00	28.70 -1.57 0.00	28.35 -1.75 0.00	27.79 -1.84 0.00	26.12 -1.70 0.00	24.68 -1.63 0.00	23.97 -1.45 0.00	23.96 -1.45 0.00	24.08 -1.51 0.00	24.92 -1.59 0.00	28.26 -1.65 0.00	32.92 -1.84 0.00	35.21 -2.05 0.00	29.90 -1.61 0.00	28.42 -1.91 0.00	23.72 -1.62 0.00	21.56 -1.38 0.00	20.01 -0.66 0.00
RUSSELL____3 23549	20.41 -0.67 0.00	19.08 -0.57 0.00	18.57 -0.69 0.00	19.02 -0.69 0.00	20.32 -0.72 0.00	21.88 -0.56 0.00	26.64 -1.26 0.00	28.70 -1.57 0.00	28.35 -1.75 0.00	27.79 -1.84 0.00	26.12 -1.70 0.00	24.68 -1.63 0.00	23.97 -1.45 0.00	23.96 -1.45 0.00	24.08 -1.51 0.00	24.92 -1.59 0.00	28.26 -1.65 0.00	32.92 -1.84 0.00	35.21 -2.05 0.00	29.90 -1.61 0.00	28.42 -1.91 0.00	23.72 -1.62 0.00	21.56 -1.38 0.00	20.01 -0.66 0.00
RUSSELL____4 23556	20.41 -0.67 0.00	19.08 -0.57 0.00	18.57 -0.69 0.00	19.02 -0.69 0.00	20.32 -0.72 0.00	21.88 -0.56 0.00	26.64 -1.26 0.00	28.70 -1.57 0.00	28.35 -1.75 0.00	27.79 -1.84 0.00	26.12 -1.70 0.00	24.68 -1.63 0.00	23.97 -1.45 0.00	23.96 -1.45 0.00	24.08 -1.51 0.00	24.92 -1.59 0.00	28.26 -1.65 0.00	32.92 -1.84 0.00	35.21 -2.05 0.00	29.90 -1.61 0.00	28.42 -1.91 0.00	23.72 -1.62 0.00	21.56 -1.38 0.00	20.01 -0.66 0.00
RUSSELL____STATION 23914	20.41 -0.67 0.00	19.08 -0.57 0.00	18.57 -0.69 0.00	19.02 -0.69 0.00	20.32 -0.72 0.00	21.88 -0.56 0.00	26.64 -1.26 0.00	28.70 -1.57 0.00	28.35 -1.75 0.00	27.79 -1.84 0.00	26.12 -1.70 0.00	24.68 -1.63 0.00	23.97 -1.45 0.00	23.96 -1.45 0.00	24.08 -1.51 0.00	24.92 -1.59 0.00	28.26 -1.65 0.00	32.92 -1.84 0.00	35.21 -2.05 0.00	29.90 -1.61 0.00	28.42 -1.91 0.00	23.72 -1.62 0.00	21.56 -1.38 0.00	20.01 -0.66 0.00
S SALMON____HYD 24043	20.79 -0.30 0.00	19.42 -0.23 0.00	18.97 -0.29 0.00	19.41 -0.30 0.00	20.72 -0.31 0.00	22.11 -0.34 0.00	27.45 -0.45 0.00	29.91 -0.36 0.00	29.59 -0.51 0.00	28.94 -0.68 0.00	27.15 -0.67 0.00	25.65 -0.66 0.00	24.74 -0.69 0.00	24.67 -0.74 0.00	24.88 -0.72 0.00	25.77 -0.74 0.00	29.16 -0.75 0.00	34.13 -0.62 0.00	36.59 -0.67 0.00	31.10 -0.41 0.00	29.76 -0.58 0.00	24.86 -0.48 0.00	22.48 -0.46 0.00	20.48 -0.19 0.00
S.PERRY__115KV_TB1 80734	21.29 0.21 0.00	19.91 0.26 0.00	19.35 0.10 0.00	19.83 0.12 0.00	21.16 0.13 0.00	22.82 0.38 0.00	28.09 0.20 0.00	30.28 0.00 0.00	29.68 -0.42 0.00	28.85 -0.77 0.00	27.04 -0.78 0.00	25.49 -0.82 0.00	24.71 -0.71 0.00	24.62 -0.79 0.00	24.77 -0.82 0.00	25.66 -0.85 0.00	29.16 -0.75 0.00	34.20 -0.56 0.00	36.93 -0.34 0.00	31.51 0.00 0.00	29.91 -0.42 0.00	24.91 -0.43 0.00	22.52 -0.41 0.00	20.77 0.10 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	19.75 -1.33 0.00	18.47 -1.18 0.00	17.93 -1.33 0.00	18.37 -1.34 0.00	19.67 -1.37 0.00	21.37 -1.08 0.00	25.52 -2.37 0.00	27.07 -3.21 0.00	26.70 -3.40 0.00	26.25 -3.38 0.00	24.67 -3.14 0.00	23.36 -2.95 0.00	22.75 -2.67 0.00	22.77 -2.64 0.00	22.78 -2.82 0.00	23.52 -3.00 0.00	26.68 -3.23 0.00	31.07 -3.68 0.00	32.94 -4.32 0.00	28.10 -3.40 0.00	26.51 -3.82 0.00	22.25 -3.09 0.00	20.36 -2.57 0.00	19.22 -1.45 0.00
SAWYER____23_KV_LOAD 55526	19.75 -1.33 0.00	18.47 -1.18 0.00	17.93 -1.33 0.00	18.37 -1.34 0.00	19.67 -1.37 0.00	21.37 -1.08 0.00	25.52 -2.37 0.00	27.07 -3.21 0.00	26.70 -3.40 0.00	26.25 -3.38 0.00	24.67 -3.14 0.00	23.36 -2.95 0.00	22.75 -2.67 0.00	22.77 -2.64 0.00	22.78 -2.82 0.00	23.52 -3.00 0.00	26.68 -3.23 0.00	31.07 -3.68 0.00	32.94 -4.32 0.00	28.10 -3.40 0.00	26.51 -3.82 0.00	22.25 -3.09 0.00	20.36 -2.57 0.00	19.22 -1.45 0.00
SELKIRK____I 23801	21.65 0.57 0.00	20.26 0.61 0.00	19.84 0.58 0.00	20.22 0.51 0.00	21.52 0.48 0.00	22.96 0.52 0.00	28.59 0.70 0.00	31.24 0.97 0.00	31.00 0.90 0.00	30.33 0.71 0.00	28.43 0.61 0.00	26.89 0.58 0.00	26.03 0.61 0.00	26.02 0.61 0.00	26.18 0.59 0.00	27.15 0.64 0.00	30.72 0.81 0.00	36.05 1.29 0.00	38.71 1.45 0.00	32.64 1.13 0.00	31.34 1.00 0.00	26.02 0.68 0.00	23.62 0.69 0.00	21.35 0.68 0.00
SELKIRK____II 23799	21.53 0.44 0.00	20.12 0.47 0.00	19.70 0.44 0.00	20.08 0.37 0.00	21.35 0.32 0.00	22.78 0.34 0.00	28.40 0.50 0.00	31.09 0.82 0.00	30.88 0.78 0.00	30.21 0.59 0.00	28.34 0.53 0.00	26.78 0.47 0.00	25.93 0.51 0.00	25.92 0.51 0.00	26.10 0.51 0.00	27.07 0.56 0.00	30.63 0.72 0.00	35.94 1.18 0.00	38.64 1.38 0.00	32.61 1.10 0.00	31.31 0.97 0.00	25.97 0.63 0.00	23.57 0.64 0.00	21.29 0.62 0.00



SENECA OSWGO___HYD 24041	20.77 -0.32 0.00	19.39 -0.26 0.00	18.95 -0.31 0.00	19.37 -0.34 0.00	20.64 -0.40 0.00	21.99 -0.45 0.00	27.26 -0.64 0.00	29.64 -0.64 0.00	29.41 -0.69 0.00	28.82 -0.80 0.00	27.07 -0.75 0.00	25.60 -0.71 0.00	24.71 -0.71 0.00	24.67 -0.74 0.00	24.90 -0.69 0.00	25.77 -0.74 0.00	29.13 -0.78 0.00	34.03 -0.73 0.00	36.44 -0.82 0.00	30.97 -0.54 0.00	29.55 -0.79 0.00	24.68 -0.66 0.00	22.36 -0.57 0.00	20.46 -0.21 0.00
SENECA___115KV_TB3 355854	19.97 -1.12 0.00	18.67 -0.98 0.00	18.12 -1.14 0.00	18.58 -1.12 0.00	19.88 -1.16 0.00	21.61 -0.83 0.00	25.86 -2.04 0.00	27.40 -2.88 0.00	27.06 -3.04 0.00	26.60 -3.02 0.00	25.01 -2.81 0.00	23.70 -2.60 0.00	23.06 -2.36 0.00	23.07 -2.34 0.00	23.08 -2.51 0.00	23.83 -2.68 0.00	27.04 -2.87 0.00	31.53 -3.23 0.00	33.35 -3.91 0.00	28.48 -3.02 0.00	26.85 -3.49 0.00	22.50 -2.84 0.00	20.57 -2.36 0.00	19.43 -1.24 0.00
SENECA___ENERGY 23797	20.89 -0.19 0.00	19.51 -0.14 0.00	19.05 -0.21 0.00	19.47 -0.24 0.00	20.76 -0.27 0.00	22.26 -0.18 0.00	27.53 -0.36 0.00	29.91 -0.36 0.00	29.53 -0.57 0.00	28.94 -0.68 0.00	27.15 -0.67 0.00	25.73 -0.58 0.00	24.79 -0.63 0.00	24.75 -0.66 0.00	24.95 -0.64 0.00	25.80 -0.71 0.00	29.22 -0.69 0.00	34.17 -0.59 0.00	36.63 -0.63 0.00	31.25 -0.25 0.00	29.67 -0.67 0.00	24.78 -0.56 0.00	22.41 -0.53 0.00	20.55 -0.12 0.00
SHOEMAKER___GT 23640	21.46 0.38 0.00	20.04 0.39 0.00	19.62 0.36 0.00	19.96 0.26 0.00	21.16 0.13 0.00	22.64 0.20 0.00	28.34 0.44 0.00	31.55 1.27 0.00	31.36 1.26 0.00	30.57 0.95 0.00	28.65 0.83 0.00	27.10 0.79 0.00	26.26 0.84 0.00	26.25 0.84 0.00	26.46 0.87 0.00	27.44 0.93 0.00	31.19 1.29 0.00	36.77 2.02 0.00	39.61 2.35 0.00	33.37 1.86 0.00	32.00 1.67 0.00	26.38 1.04 0.00	23.97 1.03 0.00	21.60 0.93 0.00
SHOEMAKR_138KV_BK 111 55601	21.46 0.38 0.00	20.02 0.37 0.00	19.62 0.37 0.00	19.96 0.26 0.00	21.16 0.13 0.00	22.62 0.18 0.00	28.34 0.45 0.00	31.55 1.27 0.00	31.36 1.26 0.00	30.60 0.98 0.00	28.68 0.86 0.00	27.18 0.87 0.00	26.26 0.84 0.00	26.25 0.84 0.00	26.49 0.90 0.00	27.44 0.93 0.00	31.20 1.29 0.00	36.81 2.05 0.00	39.57 2.31 0.00	33.43 1.92 0.00	31.97 1.64 0.00	26.45 1.11 0.00	23.99 1.05 0.00	21.60 0.93 0.00
SHOREHAM_IC_1 23715	22.18 1.10 0.00	20.61 0.96 0.00	20.24 0.98 0.00	20.55 0.85 0.00	21.73 0.69 0.00	23.30 0.85 0.00	29.04 1.14 0.00	31.70 1.42 0.00	31.49 1.39 0.00	30.84 1.21 0.00	29.40 1.42 -0.17	27.62 1.31 0.00	26.82 1.40 0.00	26.76 1.35 0.00	28.53 1.43 -1.50	29.92 1.54 -1.87	32.04 1.92 -0.22	41.57 2.95 -3.86	45.51 3.28 -4.97	39.46 2.61 -5.34	34.19 2.40 -1.46	30.46 1.65 -3.48	26.49 1.56 -2.00	22.51 1.38 -0.46
SHOREHAM_IC_2 23716	22.18 1.10 0.00	20.61 0.96 0.00	20.24 0.98 0.00	20.55 0.85 0.00	21.73 0.69 0.00	23.30 0.85 0.00	29.04 1.14 0.00	31.70 1.42 0.00	31.49 1.39 0.00	30.84 1.21 0.00	29.40 1.42 -0.17	27.62 1.31 0.00	26.82 1.40 0.00	26.76 1.35 0.00	28.53 1.43 -1.50	29.92 1.54 -1.87	32.04 1.92 -0.22	41.57 2.95 -3.86	45.51 3.28 -4.97	39.46 2.61 -5.34	34.19 2.40 -1.46	30.46 1.65 -3.48	26.49 1.56 -2.00	22.51 1.38 -0.46
SISSONVILLE___ 23735	21.10 0.02 0.00	19.59 -0.06 0.00	19.24 -0.02 0.00	19.81 0.10 0.00	21.44 0.40 0.00	22.91 0.47 0.00	28.29 0.39 0.00	30.49 0.21 0.00	30.31 0.21 0.00	30.13 0.50 0.00	28.29 0.47 0.00	26.70 0.39 0.00	25.75 0.33 0.00	25.77 0.36 0.00	25.90 0.31 0.00	26.72 0.21 0.00	29.70 -0.21 0.00	34.03 -0.73 0.00	36.29 -0.97 0.00	30.66 -0.85 0.00	30.06 -0.27 0.00	25.37 0.03 0.00	22.91 -0.02 0.00	20.21 -0.45 0.00
SITHE_IND_GS1 24169	20.60 -0.48 0.00	19.24 -0.41 0.00	18.82 -0.44 0.00	19.25 -0.45 0.00	20.51 -0.53 0.00	21.81 -0.63 0.00	27.00 -0.89 0.00	29.34 -0.94 0.00	29.08 -1.02 0.00	28.53 -1.10 0.00	26.79 -1.03 0.00	25.39 -0.92 0.00	24.48 -0.94 0.00	24.47 -0.94 0.00	24.67 -0.92 0.00	25.53 -0.98 0.00	28.83 -1.08 0.00	33.65 -1.11 0.00	36.03 -1.23 0.00	30.56 -0.94 0.00	29.21 -1.12 0.00	24.43 -0.91 0.00	22.15 -0.78 0.00	20.28 -0.39 0.00
SITHE_IND_GS2 24170	20.60 -0.48 0.00	19.24 -0.41 0.00	18.82 -0.44 0.00	19.25 -0.45 0.00	20.51 -0.53 0.00	21.81 -0.63 0.00	27.00 -0.89 0.00	29.34 -0.94 0.00	29.08 -1.02 0.00	28.53 -1.10 0.00	26.79 -1.03 0.00	25.39 -0.92 0.00	24.48 -0.94 0.00	24.47 -0.94 0.00	24.67 -0.92 0.00	25.53 -0.98 0.00	28.83 -1.08 0.00	33.65 -1.11 0.00	36.03 -1.23 0.00	30.56 -0.94 0.00	29.21 -1.12 0.00	24.43 -0.91 0.00	22.15 -0.78 0.00	20.28 -0.39 0.00
SITHE_IND_GS3 24171	20.60 -0.48 0.00	19.24 -0.41 0.00	18.82 -0.44 0.00	19.25 -0.45 0.00	20.51 -0.53 0.00	21.81 -0.63 0.00	27.00 -0.89 0.00	29.34 -0.94 0.00	29.08 -1.02 0.00	28.53 -1.10 0.00	26.79 -1.03 0.00	25.39 -0.92 0.00	24.48 -0.94 0.00	24.47 -0.94 0.00	24.67 -0.92 0.00	25.53 -0.98 0.00	28.83 -1.08 0.00	33.65 -1.11 0.00	36.03 -1.23 0.00	30.56 -0.94 0.00	29.21 -1.12 0.00	24.43 -0.91 0.00	22.15 -0.78 0.00	20.28 -0.39 0.00
SITHE_IND_GS4 24172	20.60 -0.48 0.00	19.24 -0.41 0.00	18.82 -0.44 0.00	19.25 -0.45 0.00	20.51 -0.53 0.00	21.81 -0.63 0.00	27.00 -0.89 0.00	29.34 -0.94 0.00	29.08 -1.02 0.00	28.53 -1.10 0.00	26.79 -1.03 0.00	25.39 -0.92 0.00	24.48 -0.94 0.00	24.47 -0.94 0.00	24.67 -0.92 0.00	25.53 -0.98 0.00	28.83 -1.08 0.00	33.65 -1.11 0.00	36.03 -1.23 0.00	30.56 -0.94 0.00	29.21 -1.12 0.00	24.43 -0.91 0.00	22.15 -0.78 0.00	20.28 -0.39 0.00
SITHE___BATAVIA 24024	20.18 -0.91 0.00	18.84 -0.81 0.00	18.32 -0.94 0.00	18.76 -0.95 0.00	20.09 -0.95 0.00	21.75 -0.70 0.00	26.17 -1.73 0.00	28.04 -2.24 0.00	27.60 -2.50 0.00	27.07 -2.55 0.00	25.37 -2.45 0.00	24.39 -1.92 0.00	23.26 -2.16 0.00	23.28 -2.13 0.00	23.52 -2.07 0.00	24.12 -2.39 0.00	27.37 -2.54 0.00	32.08 -2.68 0.00	34.06 -3.20 0.00	29.52 -1.98 0.00	27.45 -2.88 0.00	23.29 -2.05 0.00	21.08 -1.86 0.00	19.64 -1.03 0.00
SITHE___INDEPEND 23800	20.60 -0.48 0.00	19.24 -0.41 0.00	18.82 -0.44 0.00	19.25 -0.45 0.00	20.51 -0.53 0.00	21.81 -0.63 0.00	27.00 -0.89 0.00	29.34 -0.94 0.00	29.08 -1.02 0.00	28.53 -1.10 0.00	26.79 -1.03 0.00	25.31 -1.00 0.00	24.48 -0.94 0.00	24.47 -0.94 0.00	24.65 -0.95 0.00	25.53 -0.98 0.00	28.83 -1.08 0.00	33.61 -1.15 0.00	36.03 -1.23 0.00	30.50 -1.01 0.00	29.21 -1.12 0.00	24.40 -0.94 0.00	22.13 -0.80 0.00	20.28 -0.39 0.00
SITHE___MASSENA 23902	21.19 0.11 0.00	19.69 0.04 0.00	19.32 0.06 0.00	19.88 0.18 0.00	21.48 0.44 0.00	22.94 0.49 0.00	28.31 0.42 0.00	30.40 0.12 0.00	30.28 0.18 0.00	30.07 0.44 0.00	28.26 0.44 0.00	26.70 0.40 0.00	25.78 0.36 0.00	25.77 0.36 0.00	25.92 0.33 0.00	26.83 0.32 0.00	30.06 0.15 0.00	34.45 -0.31 0.00	36.82 -0.45 0.00	31.07 -0.44 0.00	30.24 -0.09 0.00	25.44 0.10 0.00	23.00 0.07 0.00	20.36 -0.31 0.00



SITHE___OGDNSBRG 24021	21.36 0.27 0.00	19.85 0.20 0.00	19.47 0.21 0.00	20.06 0.35 0.00	21.73 0.69 0.00	23.25 0.81 0.00	28.76 0.86 0.00	30.97 0.70 0.00	30.79 0.69 0.00	30.63 1.01 0.00	28.73 0.92 0.00	27.07 0.76 0.00	26.13 0.71 0.00	26.12 0.71 0.00	26.26 0.67 0.00	27.15 0.64 0.00	30.33 0.42 0.00	34.76 0.00 0.00	37.11 -0.15 0.00	31.32 -0.19 0.00	30.58 0.24 0.00	25.77 0.43 0.00	23.25 0.32 0.00	20.48 -0.19 0.00
SITHE___STERLING 23777	21.55 0.46 0.00	20.12 0.47 0.00	19.68 0.42 0.00	20.12 0.41 0.00	21.48 0.44 0.00	22.94 0.49 0.00	28.56 0.67 0.00	31.15 0.88 0.00	30.85 0.75 0.00	30.21 0.59 0.00	28.32 0.50 0.00	26.73 0.42 0.00	25.80 0.38 0.00	25.79 0.38 0.00	26.03 0.43 0.00	26.99 0.48 0.00	30.60 0.69 0.00	35.80 1.04 0.00	38.30 1.04 0.00	32.45 0.94 0.00	31.06 0.73 0.00	25.90 0.56 0.00	23.39 0.46 0.00	21.23 0.56 0.00
SLEIGHT__34_KV_TB1 80719	20.43 -0.65 0.00	19.10 -0.55 0.00	18.62 -0.64 0.00	19.06 -0.65 0.00	20.34 -0.69 0.00	21.84 -0.61 0.00	26.84 -1.06 0.00	29.07 -1.21 0.00	28.72 -1.38 0.00	28.17 -1.45 0.00	26.45 -1.36 0.00	24.97 -1.34 0.00	24.20 -1.22 0.00	24.17 -1.25 0.00	24.31 -1.28 0.00	25.19 -1.33 0.00	28.53 -1.38 0.00	33.26 -1.49 0.00	35.66 -1.60 0.00	30.25 -1.26 0.00	28.79 -1.55 0.00	24.00 -1.34 0.00	21.76 -1.17 0.00	20.07 -0.60 0.00
SOUTH CAIRO___GT 23612	22.12 1.03 0.00	20.71 1.06 0.00	20.28 1.02 0.00	20.65 0.95 0.00	22.00 0.97 0.00	23.52 1.08 0.00	29.15 1.26 0.00	31.88 1.60 0.00	31.54 1.44 0.00	30.69 1.06 0.00	28.65 0.83 0.00	27.02 0.71 0.00	26.18 0.76 0.00	26.20 0.79 0.00	26.39 0.79 0.00	27.38 0.87 0.00	31.17 1.26 0.00	36.81 2.05 0.00	39.61 2.35 0.00	33.37 1.86 0.00	31.94 1.61 0.00	26.40 1.06 0.00	23.94 1.01 0.00	21.64 0.97 0.00
SOUTH HAMPTN___IC 23720	22.43 1.35 0.00	20.85 1.20 0.00	20.47 1.21 0.00	20.79 1.08 0.00	21.98 0.95 0.00	23.59 1.14 0.00	29.49 1.59 0.00	32.24 1.97 0.00	32.00 1.90 0.00	31.34 1.72 0.00	29.87 1.89 -0.16	28.05 1.74 0.00	27.20 1.78 0.00	27.11 1.70 0.00	28.91 1.82 -1.50	30.29 1.91 -1.87	32.52 2.39 -0.22	42.13 3.51 -3.86	46.10 3.88 -4.97	39.97 3.12 -5.34	34.62 2.82 -1.46	30.80 1.98 -3.48	26.79 1.86 -2.00	22.80 1.67 -0.46
SOUTHDOW__115KV_TB1 355954	20.43 -0.65 0.00	19.10 -0.55 0.00	18.51 -0.75 0.00	19.02 -0.69 0.00	20.30 -0.74 0.00	22.11 -0.34 0.00	26.72 -1.17 0.00	28.37 -1.91 0.00	28.08 -2.02 0.00	27.61 -2.01 0.00	25.93 -1.89 0.00	24.57 -1.74 0.00	23.85 -1.58 0.00	23.86 -1.55 0.00	23.83 -1.77 0.00	24.58 -1.94 0.00	27.82 -2.09 0.00	32.50 -2.26 0.00	34.28 -2.98 0.00	29.14 -2.36 0.00	27.33 -3.00 0.00	22.93 -2.41 0.00	20.87 -2.06 0.00	19.78 -0.89 0.00
SOUTHOLD_69_KV_BK 2 55809	22.79 1.71 0.00	21.20 1.55 0.00	20.78 1.52 0.00	21.11 1.40 0.00	22.36 1.33 0.00	23.99 1.55 0.00	30.04 2.15 0.00	32.85 2.57 0.00	32.60 2.50 0.00	31.93 2.31 0.00	30.43 2.45 -0.16	28.68 2.37 0.00	27.66 2.24 0.00	27.55 2.13 0.00	29.40 2.30 -1.50	30.77 2.39 -1.87	33.15 3.02 -0.22	42.89 4.28 -3.86	46.89 4.66 -4.97	40.69 3.84 -5.34	35.19 3.40 -1.46	31.33 2.51 -3.48	27.20 2.27 -2.00	23.17 2.05 -0.46
SOUTHOLD___IC 23719	22.79 1.71 0.00	21.18 1.53 0.00	20.78 1.52 0.00	21.11 1.40 0.00	22.36 1.33 0.00	23.99 1.55 0.00	30.04 2.15 0.00	32.85 2.57 0.00	32.60 2.50 0.00	31.93 2.31 0.00	30.40 2.42 -0.16	28.54 2.24 0.00	27.66 2.24 0.00	27.55 2.13 0.00	29.37 2.28 -1.50	30.77 2.39 -1.87	33.15 3.02 -0.22	42.86 4.24 -3.86	46.92 4.70 -4.97	40.63 3.78 -5.34	35.19 3.40 -1.46	31.25 2.43 -3.48	27.18 2.25 -2.00	23.17 2.05 -0.46
SOUTH_FORK_WT_PWR 323839	22.83 1.75 0.00	21.22 1.57 0.00	20.84 1.58 0.00	21.17 1.46 0.00	22.42 1.39 0.00	24.06 1.62 0.00	30.13 2.23 0.00	32.94 2.66 0.00	32.69 2.59 0.00	32.02 2.40 0.00	30.48 2.50 -0.16	28.60 2.29 0.00	27.71 2.29 0.00	27.57 2.16 0.00	29.40 2.30 -1.50	30.79 2.41 -1.87	33.18 3.05 -0.22	42.89 4.27 -3.86	46.96 4.73 -4.97	40.66 3.81 -5.34	35.22 3.43 -1.46	31.27 2.46 -3.48	27.23 2.29 -2.00	23.21 2.09 -0.46
SPIERFLS_115KV_TB 1 80737	21.61 0.53 0.00	20.20 0.55 0.00	19.78 0.52 0.00	20.18 0.47 0.00	21.48 0.44 0.00	22.96 0.52 0.00	28.68 0.78 0.00	31.37 1.09 0.00	31.24 1.14 0.00	30.51 0.89 0.00	28.60 0.78 0.00	27.05 0.74 0.00	26.13 0.71 0.00	26.12 0.71 0.00	26.26 0.67 0.00	27.31 0.80 0.00	30.90 0.99 0.00	36.43 1.67 0.00	39.09 1.83 0.00	32.99 1.48 0.00	31.61 1.27 0.00	26.20 0.86 0.00	23.67 0.73 0.00	21.35 0.68 0.00
ST LAWRENCE____ 23600	20.96 -0.13 0.00	19.45 -0.20 0.00	19.12 -0.13 0.00	19.67 -0.04 0.00	21.16 0.13 0.00	22.58 0.14 0.00	27.95 0.06 0.00	30.03 -0.24 0.00	29.92 -0.18 0.00	29.71 0.09 0.00	27.93 0.11 0.00	26.39 0.08 0.00	25.47 0.05 0.00	25.49 0.08 0.00	25.64 0.05 0.00	26.54 0.03 0.00	29.76 -0.15 0.00	34.10 -0.66 0.00	36.48 -0.78 0.00	30.78 -0.72 0.00	29.94 -0.40 0.00	25.19 -0.15 0.00	22.73 -0.21 0.00	20.17 -0.50 0.00
STATE_CA_115KV_115_LB 55624	21.71 0.63 0.00	20.30 0.65 0.00	19.87 0.62 0.00	20.26 0.55 0.00	21.52 0.48 0.00	22.98 0.54 0.00	28.65 0.75 0.00	31.43 1.15 0.00	31.21 1.11 0.00	30.54 0.92 0.00	28.62 0.81 0.00	27.15 0.84 0.00	26.24 0.81 0.00	26.22 0.81 0.00	26.41 0.82 0.00	27.39 0.87 0.00	30.99 1.08 0.00	36.46 1.70 0.00	39.13 1.86 0.00	33.05 1.54 0.00	31.67 1.33 0.00	26.28 0.94 0.00	23.85 0.92 0.00	21.52 0.85 0.00
STATE_ST_34_KV_LOAD 55959	21.06 -0.02 0.00	19.69 0.04 0.00	19.22 -0.04 0.00	19.67 -0.04 0.00	20.95 -0.08 0.00	22.40 -0.04 0.00	27.76 -0.14 0.00	30.22 -0.06 0.00	29.86 -0.24 0.00	29.36 -0.27 0.00	27.51 -0.31 0.00	25.97 -0.34 0.00	25.12 -0.31 0.00	25.11 -0.30 0.00	25.28 -0.31 0.00	26.19 -0.32 0.00	29.64 -0.27 0.00	34.66 -0.10 0.00	37.15 -0.11 0.00	31.51 0.00 0.00	30.09 -0.24 0.00	25.04 -0.30 0.00	22.66 -0.28 0.00	20.77 0.10 0.00
STATION 5_MISC_HYD 23604	20.34 -0.74 0.00	19.00 -0.65 0.00	18.51 -0.75 0.00	18.94 -0.77 0.00	20.24 -0.80 0.00	21.79 -0.65 0.00	26.53 -1.37 0.00	28.58 -1.69 0.00	28.23 -1.87 0.00	27.70 -1.92 0.00	26.01 -1.81 0.00	24.89 -1.42 0.00	23.85 -1.58 0.00	23.86 -1.55 0.00	24.08 -1.51 0.00	24.79 -1.72 0.00	28.12 -1.79 0.00	32.85 -1.91 0.00	34.99 -2.27 0.00	30.06 -1.45 0.00	28.27 -2.06 0.00	23.82 -1.52 0.00	21.56 -1.38 0.00	19.93 -0.74 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	20.66 -0.42 0.00	19.32 -0.33 0.00	18.83 -0.42 0.00	19.27 -0.43 0.00	20.57 -0.46 0.00	22.11 -0.34 0.00	27.14 -0.75 0.00	29.40 -0.88 0.00	29.05 -1.05 0.00	28.44 -1.18 0.00	26.70 -1.11 0.00	25.20 -1.10 0.00	24.41 -1.02 0.00	24.40 -1.02 0.00	24.54 -1.05 0.00	25.42 -1.09 0.00	28.83 -1.08 0.00	33.61 -1.15 0.00	36.03 -1.23 0.00	30.59 -0.91 0.00	29.09 -1.24 0.00	24.25 -1.09 0.00	21.99 -0.94 0.00	20.28 -0.39 0.00



STA_56___34_KV_BUS2_REV_LBMP_B 345033	20.26 -0.82 0.00	18.94 -0.71 0.00	18.45 -0.81 0.00	18.88 -0.83 0.00	20.17 -0.86 0.00	21.70 -0.74 0.00	26.47 -1.42 0.00	28.55 -1.73 0.00	28.20 -1.90 0.00	27.67 -1.96 0.00	25.98 -1.84 0.00	24.57 -1.74 0.00	23.82 -1.60 0.00	23.84 -1.58 0.00	23.95 -1.64 0.00	24.79 -1.72 0.00	28.12 -1.79 0.00	32.74 -2.02 0.00	35.03 -2.24 0.00	29.74 -1.76 0.00	28.27 -2.06 0.00	23.59 -1.75 0.00	21.44 -1.49 0.00	19.86 -0.81 0.00
STA_56___34_KV_BUS2 355983	20.26 -0.82 0.00	18.94 -0.71 0.00	18.45 -0.81 0.00	18.88 -0.83 0.00	20.17 -0.86 0.00	21.70 -0.74 0.00	26.47 -1.42 0.00	28.55 -1.73 0.00	28.20 -1.90 0.00	27.67 -1.96 0.00	25.98 -1.84 0.00	24.57 -1.74 0.00	23.82 -1.60 0.00	23.84 -1.58 0.00	23.95 -1.64 0.00	24.79 -1.72 0.00	28.12 -1.79 0.00	32.74 -2.02 0.00	35.03 -2.24 0.00	29.74 -1.76 0.00	28.27 -2.06 0.00	23.59 -1.75 0.00	21.44 -1.49 0.00	19.86 -0.81 0.00
STA_67___115KV_BK2 355882	20.28 -0.80 0.00	18.96 -0.69 0.00	18.47 -0.79 0.00	18.92 -0.79 0.00	20.19 -0.84 0.00	21.75 -0.70 0.00	26.47 -1.42 0.00	28.49 -1.79 0.00	28.14 -1.96 0.00	27.61 -2.01 0.00	25.93 -1.89 0.00	24.52 -1.79 0.00	23.80 -1.63 0.00	23.79 -1.63 0.00	23.90 -1.69 0.00	24.73 -1.78 0.00	28.06 -1.85 0.00	32.64 -2.12 0.00	34.91 -2.35 0.00	29.68 -1.83 0.00	28.18 -2.15 0.00	23.54 -1.80 0.00	21.42 -1.51 0.00	19.88 -0.79 0.00
STA_7___115KV_9TRANS 80674	20.41 -0.67 0.00	19.08 -0.57 0.00	18.57 -0.69 0.00	19.02 -0.69 0.00	20.32 -0.72 0.00	21.88 -0.56 0.00	26.64 -1.26 0.00	28.70 -1.57 0.00	28.35 -1.75 0.00	27.79 -1.84 0.00	26.12 -1.70 0.00	24.68 -1.63 0.00	23.97 -1.45 0.00	23.96 -1.45 0.00	24.08 -1.51 0.00	24.92 -1.59 0.00	28.26 -1.65 0.00	32.92 -1.84 0.00	35.21 -2.05 0.00	29.90 -1.61 0.00	28.42 -1.91 0.00	23.72 -1.62 0.00	21.56 -1.38 0.00	20.01 -0.66 0.00
STA_82___115KV_TB1 80780	20.30 -0.78 0.00	18.96 -0.69 0.00	18.47 -0.79 0.00	18.92 -0.79 0.00	20.22 -0.82 0.00	21.77 -0.67 0.00	26.47 -1.42 0.00	28.52 -1.76 0.00	28.17 -1.93 0.00	27.61 -2.01 0.00	25.95 -1.86 0.00	24.52 -1.79 0.00	23.80 -1.63 0.00	23.81 -1.60 0.00	23.90 -1.69 0.00	24.73 -1.78 0.00	28.06 -1.85 0.00	32.67 -2.09 0.00	34.91 -2.35 0.00	29.68 -1.83 0.00	28.21 -2.12 0.00	23.57 -1.77 0.00	21.42 -1.51 0.00	19.88 -0.79 0.00
STEEL___WIND 323596	19.99 -1.10 0.00	18.67 -0.98 0.00	18.12 -1.14 0.00	18.56 -1.14 0.00	19.86 -1.18 0.00	21.59 -0.85 0.00	25.83 -2.06 0.00	27.40 -2.88 0.00	27.03 -3.07 0.00	26.66 -2.96 0.00	25.04 -2.78 0.00	24.15 -2.16 0.00	23.03 -2.39 0.00	23.07 -2.34 0.00	23.24 -2.35 0.00	23.81 -2.70 0.00	27.01 -2.90 0.00	31.67 -3.09 0.00	33.31 -3.95 0.00	28.96 -2.55 0.00	26.82 -3.52 0.00	22.83 -2.51 0.00	20.69 -2.25 0.00	19.41 -1.26 0.00
STEPHTWN_115KV_BK_2 55603	21.80 0.72 0.00	20.38 0.73 0.00	19.95 0.69 0.00	20.34 0.63 0.00	21.60 0.57 0.00	23.07 0.63 0.00	28.79 0.89 0.00	31.55 1.27 0.00	31.36 1.26 0.00	30.63 1.01 0.00	28.71 0.89 0.00	27.23 0.92 0.00	26.34 0.92 0.00	26.35 0.94 0.00	26.49 0.90 0.00	27.49 0.98 0.00	31.14 1.23 0.00	36.64 1.88 0.00	39.27 2.01 0.00	33.15 1.64 0.00	31.79 1.46 0.00	26.38 1.04 0.00	23.92 0.99 0.00	21.58 0.91 0.00
STEUBEN_REC_LFGE 323667	21.40 0.32 0.00	19.98 0.33 0.00	19.47 0.21 0.00	19.90 0.20 0.00	21.23 0.19 0.00	22.94 0.49 0.00	28.34 0.45 0.00	30.73 0.45 0.00	30.46 0.36 0.00	29.74 0.12 0.00	27.90 0.08 0.00	26.26 -0.05 0.00	25.42 0.00 0.00	25.31 -0.10 0.00	25.46 -0.13 0.00	26.30 -0.21 0.00	29.79 -0.12 0.00	34.93 0.17 0.00	37.45 0.19 0.00	31.89 0.38 0.00	30.15 -0.18 0.00	25.09 -0.25 0.00	22.68 -0.25 0.00	20.90 0.23 0.00
STILLWATER___SOLAR 323814	21.69 0.61 0.00	20.30 0.65 0.00	19.86 0.60 0.00	20.26 0.55 0.00	21.54 0.50 0.00	23.00 0.56 0.00	28.71 0.81 0.00	31.40 1.12 0.00	31.21 1.11 0.00	30.48 0.86 0.00	28.57 0.75 0.00	26.99 0.68 0.00	26.16 0.74 0.00	26.15 0.74 0.00	26.28 0.69 0.00	27.31 0.79 0.00	30.93 1.02 0.00	36.36 1.60 0.00	39.05 1.79 0.00	32.93 1.42 0.00	31.61 1.27 0.00	26.20 0.86 0.00	23.74 0.80 0.00	21.43 0.77 0.00
STONY___BROOK 24151	22.20 1.12 0.00	20.63 0.98 0.00	20.24 0.98 0.00	20.55 0.85 0.00	21.75 0.72 0.00	23.32 0.87 0.00	29.26 1.37 0.00	32.00 1.72 0.00	31.78 1.68 0.00	31.13 1.51 0.00	29.66 1.67 -0.17	27.89 1.58 0.00	27.07 1.65 0.00	27.04 1.63 0.00	28.81 1.71 -1.50	30.21 1.83 -1.87	32.37 2.24 -0.22	41.81 3.20 -3.86	45.81 3.58 -4.97	39.68 2.84 -5.34	34.37 2.58 -1.46	30.64 1.83 -3.48	26.66 1.72 -2.00	22.68 1.55 -0.46
STURGEON_POOL_HYD 23609	21.50 0.42 0.00	20.04 0.39 0.00	19.64 0.39 0.00	19.96 0.26 0.00	21.14 0.11 0.00	22.58 0.13 0.00	28.31 0.42 0.00	31.31 1.03 0.00	31.12 1.02 0.00	30.33 0.71 0.00	28.46 0.64 0.00	26.99 0.68 0.00	26.06 0.64 0.00	26.05 0.64 0.00	26.28 0.69 0.00	27.20 0.69 0.00	30.93 1.02 0.00	36.39 1.63 0.00	39.16 1.90 0.00	33.11 1.61 0.00	31.67 1.33 0.00	26.23 0.89 0.00	23.83 0.89 0.00	21.43 0.76 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	21.53 0.44 0.00	20.08 0.43 0.00	19.66 0.40 0.00	19.98 0.28 0.00	21.18 0.15 0.00	22.67 0.22 0.00	28.43 0.53 0.00	31.46 1.18 0.00	31.27 1.17 0.00	30.51 0.89 0.00	28.62 0.81 0.00	27.15 0.84 0.00	26.21 0.79 0.00	26.20 0.79 0.00	26.44 0.84 0.00	27.39 0.87 0.00	31.11 1.20 0.00	36.60 1.84 0.00	39.39 2.12 0.00	33.27 1.76 0.00	31.82 1.49 0.00	26.38 1.04 0.00	23.92 0.99 0.00	21.54 0.87 0.00
SWANROAD_115KV_TB1 355699	19.35 -1.73 0.00	18.10 -1.55 0.00	17.58 -1.68 0.00	18.01 -1.69 0.00	19.27 -1.77 0.00	20.89 -1.55 0.00	24.88 -3.01 0.00	26.40 -3.88 0.00	26.04 -4.06 0.00	25.56 -4.06 0.00	24.03 -3.78 0.00	22.76 -3.55 0.00	22.14 -3.28 0.00	22.18 -3.23 0.00	22.19 -3.40 0.00	22.91 -3.61 0.00	25.96 -3.95 0.00	30.24 -4.52 0.00	32.05 -5.22 0.00	27.41 -4.10 0.00	25.88 -4.46 0.00	21.69 -3.65 0.00	19.86 -3.07 0.00	18.79 -1.88 0.00
SYNERGY___BIOGAS 323694	20.18 -0.91 0.00	18.84 -0.81 0.00	18.32 -0.94 0.00	18.76 -0.95 0.00	20.09 -0.95 0.00	21.75 -0.70 0.00	26.17 -1.73 0.00	28.04 -2.24 0.00	27.60 -2.50 0.00	27.07 -2.55 0.00	25.37 -2.45 0.00	24.39 -1.92 0.00	23.26 -2.16 0.00	23.28 -2.13 0.00	23.52 -2.07 0.00	24.12 -2.39 0.00	27.37 -2.54 0.00	32.08 -2.68 0.00	34.06 -3.20 0.00	29.52 -1.98 0.00	27.45 -2.88 0.00	23.29 -2.05 0.00	21.08 -1.86 0.00	19.64 -1.03 0.00
SYRACUSE___ENERGY_ST1 323597	21.02 -0.06 0.00	19.65 0.00 0.00	19.20 -0.06 0.00	19.63 -0.08 0.00	20.91 -0.13 0.00	22.31 -0.13 0.00	27.64 -0.25 0.00	30.06 -0.21 0.00	29.80 -0.30 0.00	29.24 -0.39 0.00	27.46 -0.36 0.00	25.91 -0.39 0.00	25.09 -0.33 0.00	25.03 -0.38 0.00	25.23 -0.36 0.00	26.14 -0.37 0.00	29.55 -0.36 0.00	34.48 -0.28 0.00	36.96 -0.30 0.00	31.32 -0.19 0.00	29.94 -0.39 0.00	24.96 -0.38 0.00	22.64 -0.30 0.00	20.73 0.06 0.00



SYRACUSE___ENERGY_ST2 323598	21.02 -0.06 0.00	19.65 0.00 0.00	19.20 -0.06 0.00	19.63 -0.08 0.00	20.91 -0.13 0.00	22.31 -0.13 0.00	27.64 -0.25 0.00	30.06 -0.21 0.00	29.80 -0.30 0.00	29.24 -0.39 0.00	27.46 -0.36 0.00	25.91 -0.39 0.00	25.09 -0.33 0.00	25.03 -0.38 0.00	25.23 -0.36 0.00	26.14 -0.37 0.00	29.55 -0.36 0.00	34.48 -0.28 0.00	36.96 -0.30 0.00	31.32 -0.19 0.00	29.94 -0.39 0.00	24.96 -0.38 0.00	22.64 -0.30 0.00	20.73 0.06 0.00
SYRACUSE___POWER 24017	20.98 -0.11 0.00	19.59 -0.06 0.00	19.14 -0.12 0.00	19.59 -0.12 0.00	20.87 -0.17 0.00	22.26 -0.18 0.00	27.59 -0.31 0.00	30.00 -0.27 0.00	29.74 -0.36 0.00	29.15 -0.47 0.00	27.40 -0.42 0.00	25.86 -0.45 0.00	25.02 -0.41 0.00	25.01 -0.41 0.00	25.18 -0.41 0.00	26.09 -0.42 0.00	29.49 -0.42 0.00	34.41 -0.35 0.00	36.89 -0.37 0.00	31.26 -0.25 0.00	29.88 -0.46 0.00	24.93 -0.41 0.00	22.61 -0.32 0.00	20.69 0.02 0.00
TALLMAN__138KV_BK151 55660	21.59 0.51 0.00	20.14 0.49 0.00	19.72 0.46 0.00	20.02 0.32 0.00	21.23 0.19 0.00	22.69 0.25 0.00	28.51 0.61 0.00	31.49 1.21 0.00	31.36 1.26 0.00	30.60 0.98 0.00	28.73 0.92 0.00	27.23 0.92 0.00	26.31 0.89 0.00	26.30 0.89 0.00	26.51 0.92 0.00	27.47 0.95 0.00	31.17 1.26 0.00	36.71 1.95 0.00	39.46 2.20 0.00	33.37 1.86 0.00	31.91 1.58 0.00	26.45 1.11 0.00	24.01 1.08 0.00	21.60 0.93 0.00
TEALLAVE_115KV_TB7 355573	20.89 -0.19 0.00	19.53 -0.12 0.00	19.08 -0.17 0.00	19.51 -0.20 0.00	20.78 -0.25 0.00	22.17 -0.27 0.00	27.45 -0.45 0.00	29.85 -0.42 0.00	29.62 -0.48 0.00	29.03 -0.59 0.00	27.29 -0.53 0.00	25.76 -0.55 0.00	24.94 -0.48 0.00	24.90 -0.51 0.00	25.08 -0.51 0.00	25.98 -0.53 0.00	29.34 -0.57 0.00	34.20 -0.56 0.00	36.67 -0.60 0.00	31.07 -0.44 0.00	29.73 -0.61 0.00	24.81 -0.53 0.00	22.50 -0.44 0.00	20.61 -0.06 0.00
TELGRAPH_34_KV_EAST 80808	19.84 -1.24 0.00	18.55 -1.10 0.00	18.01 -1.25 0.00	18.47 -1.24 0.00	19.75 -1.28 0.00	21.41 -1.03 0.00	25.64 -2.26 0.00	27.40 -2.88 0.00	27.00 -3.10 0.00	26.48 -3.14 0.00	24.87 -2.95 0.00	23.52 -2.79 0.00	22.88 -2.54 0.00	22.90 -2.52 0.00	22.93 -2.66 0.00	23.70 -2.81 0.00	26.83 -3.08 0.00	31.28 -3.48 0.00	33.28 -3.99 0.00	28.39 -3.12 0.00	26.82 -3.52 0.00	22.45 -2.89 0.00	20.50 -2.43 0.00	19.30 -1.36 0.00
TEMPLE___115KV_TB 2 55572	20.91 -0.17 0.00	19.53 -0.12 0.00	19.10 -0.15 0.00	19.53 -0.18 0.00	20.80 -0.23 0.00	22.20 -0.25 0.00	27.48 -0.42 0.00	29.88 -0.39 0.00	29.62 -0.48 0.00	29.06 -0.56 0.00	27.32 -0.50 0.00	25.78 -0.53 0.00	24.94 -0.48 0.00	24.90 -0.51 0.00	25.11 -0.49 0.00	26.01 -0.50 0.00	29.37 -0.54 0.00	34.24 -0.52 0.00	36.70 -0.56 0.00	31.07 -0.44 0.00	29.73 -0.61 0.00	24.83 -0.51 0.00	22.52 -0.41 0.00	20.63 -0.04 0.00
TIANA____69_KV_BK 1 55817	22.37 1.29 0.00	20.83 1.18 0.00	20.39 1.14 0.00	20.73 1.02 0.00	21.94 0.90 0.00	23.52 1.08 0.00	29.37 1.48 0.00	32.09 1.82 0.00	31.88 1.78 0.00	31.25 1.63 0.00	29.76 1.78 -0.16	28.10 1.79 0.00	27.10 1.68 0.00	27.04 1.63 0.00	28.86 1.77 -1.50	30.21 1.83 -1.87	32.43 2.30 -0.22	42.02 3.41 -3.86	45.96 3.73 -4.97	39.90 3.06 -5.34	34.52 2.73 -1.46	30.79 1.98 -3.48	26.75 1.81 -2.00	22.74 1.61 -0.46
TILDEN___115KV_TB1 80814	20.98 -0.11 0.00	19.59 -0.06 0.00	19.14 -0.12 0.00	19.59 -0.12 0.00	20.87 -0.17 0.00	22.26 -0.18 0.00	27.59 -0.31 0.00	30.00 -0.27 0.00	29.74 -0.36 0.00	29.15 -0.47 0.00	27.40 -0.42 0.00	25.86 -0.45 0.00	25.02 -0.41 0.00	25.01 -0.41 0.00	25.18 -0.41 0.00	26.09 -0.42 0.00	29.49 -0.42 0.00	34.41 -0.35 0.00	36.89 -0.37 0.00	31.26 -0.25 0.00	29.88 -0.46 0.00	24.93 -0.41 0.00	22.61 -0.32 0.00	20.69 0.02 0.00
TRIGEN___CC 323695	21.97 0.89 0.00	20.44 0.79 0.00	20.01 0.75 0.00	20.34 0.63 0.00	21.54 0.50 0.00	23.07 0.63 0.00	29.01 1.12 0.00	31.88 1.60 0.00	31.73 1.63 0.00	31.04 1.42 0.00	30.39 1.47 -1.10	27.78 1.47 0.00	26.85 1.42 0.00	26.81 1.40 0.00	28.57 1.46 -1.52	30.03 1.54 -1.98	32.06 1.88 -0.27	41.26 2.64 -3.86	45.17 2.94 -4.97	39.40 2.55 -5.34	34.01 2.21 -1.46	30.60 1.62 -3.64	26.68 1.54 -2.21	22.49 1.34 -0.48
TRINITY__115KV__ 4 BK 55933	21.61 0.53 0.00	20.20 0.55 0.00	19.78 0.52 0.00	20.16 0.45 0.00	21.41 0.38 0.00	22.85 0.40 0.00	28.51 0.61 0.00	31.28 1.00 0.00	31.03 0.93 0.00	30.36 0.74 0.00	28.46 0.64 0.00	26.97 0.66 0.00	26.08 0.66 0.00	26.07 0.66 0.00	26.26 0.67 0.00	27.20 0.69 0.00	30.81 0.90 0.00	36.22 1.46 0.00	38.90 1.64 0.00	32.83 1.32 0.00	31.49 1.15 0.00	26.13 0.79 0.00	23.74 0.80 0.00	21.41 0.74 0.00
UNION___PROCESSING_DRP 323587	20.30 -0.78 0.00	18.98 -0.67 0.00	18.49 -0.77 0.00	18.92 -0.79 0.00	20.22 -0.82 0.00	21.77 -0.67 0.00	26.50 -1.39 0.00	28.52 -1.76 0.00	28.17 -1.93 0.00	27.64 -1.98 0.00	25.95 -1.86 0.00	24.52 -1.79 0.00	23.82 -1.60 0.00	23.81 -1.60 0.00	23.93 -1.66 0.00	24.76 -1.75 0.00	28.09 -1.82 0.00	32.67 -2.09 0.00	34.95 -2.31 0.00	29.68 -1.83 0.00	28.21 -2.12 0.00	23.57 -1.77 0.00	21.44 -1.49 0.00	19.88 -0.79 0.00
UPPER HUDSON___HYD 24058	21.61 0.53 0.00	20.20 0.55 0.00	19.78 0.52 0.00	20.18 0.47 0.00	21.48 0.44 0.00	22.96 0.52 0.00	28.68 0.78 0.00	31.36 1.09 0.00	31.24 1.14 0.00	30.51 0.89 0.00	28.57 0.75 0.00	26.97 0.66 0.00	26.13 0.71 0.00	26.12 0.71 0.00	26.26 0.66 0.00	27.31 0.79 0.00	30.90 0.99 0.00	36.43 1.67 0.00	39.12 1.86 0.00	32.96 1.45 0.00	31.61 1.27 0.00	26.17 0.83 0.00	23.67 0.73 0.00	21.35 0.68 0.00
UPPER RAQUET___HYD 24056	21.10 0.02 0.00	19.59 -0.06 0.00	19.24 -0.02 0.00	19.81 0.10 0.00	21.43 0.40 0.00	22.91 0.47 0.00	28.29 0.39 0.00	30.49 0.21 0.00	30.31 0.21 0.00	30.13 0.50 0.00	28.29 0.47 0.00	26.68 0.37 0.00	25.75 0.33 0.00	25.77 0.36 0.00	25.90 0.31 0.00	26.72 0.21 0.00	29.70 -0.21 0.00	34.03 -0.73 0.00	36.29 -0.97 0.00	30.63 -0.88 0.00	30.06 -0.27 0.00	25.37 0.03 0.00	22.91 -0.02 0.00	20.21 -0.45 0.00
VALLEY44_115KV_TB2 355964	20.32 -0.76 0.00	19.02 -0.63 0.00	18.47 -0.79 0.00	18.90 -0.81 0.00	20.22 -0.82 0.00	21.95 -0.49 0.00	26.53 -1.37 0.00	28.04 -2.24 0.00	27.72 -2.38 0.00	27.22 -2.40 0.00	25.54 -2.28 0.00	24.20 -2.10 0.00	23.49 -1.93 0.00	23.48 -1.93 0.00	23.47 -2.12 0.00	24.23 -2.28 0.00	27.49 -2.42 0.00	32.15 -2.61 0.00	34.02 -3.24 0.00	29.11 -2.39 0.00	27.42 -2.91 0.00	23.11 -2.23 0.00	21.08 -1.86 0.00	19.92 -0.74 0.00
VALLEY___115KV_TB 1-4 80826	21.08 0.00 0.00	19.67 0.02 0.00	19.28 0.02 0.00	19.73 0.02 0.00	21.06 0.02 0.00	22.47 0.02 0.00	27.98 0.08 0.00	30.49 0.21 0.00	30.28 0.18 0.00	29.74 0.12 0.00	27.96 0.14 0.00	26.49 0.18 0.00	25.60 0.18 0.00	25.61 0.20 0.00	25.77 0.18 0.00	26.70 0.19 0.00	30.12 0.21 0.00	35.07 0.31 0.00	37.45 0.19 0.00	31.67 0.16 0.00	30.43 0.09 0.00	25.39 0.05 0.00	23.00 0.07 0.00	20.77 0.10 0.00



VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	22.18 1.10 0.00	20.73 1.08 0.00	20.24 0.98 0.00	20.63 0.93 0.00	22.02 0.99 0.00	23.56 1.12 0.00	29.54 1.65 0.00	32.64 2.36 0.00	32.33 2.23 0.00	31.73 2.10 0.00	29.68 1.86 0.00	27.89 1.58 0.00	26.87 1.45 0.00	26.86 1.45 0.00	27.08 1.48 0.00	28.10 1.59 0.00	31.85 1.94 0.00	37.40 2.64 0.00	39.91 2.65 0.00	33.71 2.21 0.00	32.19 1.85 0.00	26.73 1.39 0.00	24.15 1.22 0.00	21.87 1.20 0.00
VISCHER___FERRY HYD 24020	21.53 0.44 0.00	20.14 0.49 0.00	19.72 0.46 0.00	20.08 0.37 0.00	21.33 0.29 0.00	22.78 0.34 0.00	28.42 0.53 0.00	31.15 0.88 0.00	30.91 0.81 0.00	30.21 0.59 0.00	28.32 0.50 0.00	26.78 0.47 0.00	25.93 0.51 0.00	25.92 0.51 0.00	26.08 0.49 0.00	27.07 0.56 0.00	30.66 0.75 0.00	36.05 1.29 0.00	38.75 1.49 0.00	32.67 1.17 0.00	31.37 1.03 0.00	26.00 0.66 0.00	23.60 0.67 0.00	21.31 0.64 0.00
V_A_10_SYNC_DSASP 323832	19.75 -1.33 0.00	18.43 -1.22 0.00	17.95 -1.31 0.00	18.37 -1.34 0.00	19.65 -1.39 0.00	21.25 -1.19 0.00	25.55 -2.34 0.00	27.28 -3.00 0.00	26.91 -3.19 0.00	26.48 -3.14 0.00	24.87 -2.95 0.00	23.92 -2.39 0.00	22.86 -2.57 0.00	22.90 -2.52 0.00	23.06 -2.53 0.00	23.67 -2.84 0.00	26.83 -3.08 0.00	31.42 -3.34 0.00	33.24 -4.03 0.00	28.80 -2.71 0.00	26.85 -3.49 0.00	22.78 -2.56 0.00	20.69 -2.25 0.00	19.26 -1.41 0.00
V_CMM_10_SYNC_DSASP 323787	21.04 -0.04 0.00	19.55 -0.10 0.00	19.20 -0.06 0.00	19.75 0.04 0.00	21.25 0.21 0.00	22.67 0.22 0.00	28.09 0.20 0.00	30.16 -0.12 0.00	30.04 -0.06 0.00	29.83 0.21 0.00	28.04 0.22 0.00	26.49 0.19 0.00	25.58 0.15 0.00	25.59 0.18 0.00	25.75 0.15 0.00	26.64 0.13 0.00	29.88 -0.03 0.00	34.27 -0.49 0.00	36.63 -0.63 0.00	30.91 -0.60 0.00	30.06 -0.27 0.00	25.29 -0.05 0.00	22.80 -0.14 0.00	20.26 -0.41 0.00
V_CMP_10_SYNC_DSASP 323788	21.78 0.69 0.00	20.24 0.59 0.00	19.86 0.60 0.00	20.44 0.73 0.00	21.96 0.92 0.00	23.48 1.03 0.00	28.71 0.81 0.00	30.79 0.51 0.00	30.70 0.60 0.00	30.45 0.83 0.00	28.71 0.89 0.00	27.10 0.79 0.00	26.08 0.66 0.00	26.07 0.66 0.00	26.15 0.56 0.00	27.07 0.56 0.00	30.36 0.45 0.00	34.17 -0.59 0.00	36.29 -0.97 0.00	30.81 -0.69 0.00	29.70 -0.64 0.00	25.31 -0.03 0.00	22.75 -0.18 0.00	20.26 -0.41 0.00
V_D_10_SYNC_DSASP 323841	21.19 0.11 0.00	19.69 0.04 0.00	19.32 0.06 0.00	19.90 0.20 0.00	21.46 0.42 0.00	22.94 0.49 0.00	28.31 0.42 0.00	30.40 0.12 0.00	30.28 0.18 0.00	30.07 0.44 0.00	28.26 0.44 0.00	26.70 0.40 0.00	25.78 0.36 0.00	25.77 0.36 0.00	25.92 0.33 0.00	26.83 0.32 0.00	30.06 0.15 0.00	34.45 -0.31 0.00	36.82 -0.45 0.00	31.07 -0.44 0.00	30.24 -0.09 0.00	25.44 0.10 0.00	23.00 0.07 0.00	20.36 -0.31 0.00
V_E_10_SYNC_DSASP 323830	22.71 1.62 0.00	21.22 1.57 0.00	20.66 1.41 0.00	21.13 1.42 0.00	22.59 1.56 0.00	24.19 1.75 0.00	30.21 2.31 0.00	33.03 2.75 0.00	32.42 2.32 0.00	31.58 1.95 0.00	29.40 1.58 0.00	27.52 1.21 0.00	26.44 1.02 0.00	26.45 1.04 0.00	26.74 1.15 0.00	27.81 1.30 0.00	31.67 1.76 0.00	37.47 2.71 0.00	40.09 2.83 0.00	34.03 2.52 0.00	32.25 1.91 0.00	26.81 1.47 0.00	24.13 1.19 0.00	21.99 1.32 0.00
V_F_30_NSYNC___DSASP 323816	21.71 0.63 0.00	20.32 0.67 0.00	19.87 0.62 0.00	20.28 0.57 0.00	21.56 0.53 0.00	23.05 0.61 0.00	28.76 0.87 0.00	31.43 1.15 0.00	31.24 1.14 0.00	30.54 0.92 0.00	28.62 0.81 0.00	27.04 0.74 0.00	26.18 0.76 0.00	26.17 0.76 0.00	26.33 0.74 0.00	27.36 0.85 0.00	30.96 1.05 0.00	36.43 1.67 0.00	39.12 1.86 0.00	32.96 1.45 0.00	31.64 1.30 0.00	26.23 0.89 0.00	23.76 0.82 0.00	21.45 0.79 0.00
V_F_30_SYNC_DSASP 323786	21.71 0.63 0.00	20.30 0.65 0.00	19.87 0.62 0.00	20.26 0.55 0.00	21.52 0.48 0.00	22.98 0.54 0.00	28.65 0.75 0.00	31.43 1.15 0.00	31.21 1.11 0.00	30.54 0.92 0.00	28.62 0.81 0.00	27.15 0.84 0.00	26.24 0.81 0.00	26.22 0.81 0.00	26.39 0.79 0.00	27.39 0.87 0.00	30.99 1.08 0.00	36.46 1.70 0.00	39.13 1.86 0.00	33.02 1.51 0.00	31.67 1.33 0.00	26.28 0.94 0.00	23.85 0.92 0.00	21.52 0.85 0.00
V_XM_10_SYNC_DSASP 323789	21.78 0.69 0.00	20.24 0.59 0.00	19.86 0.60 0.00	20.44 0.73 0.00	21.96 0.92 0.00	23.48 1.03 0.00	28.71 0.81 0.00	30.79 0.51 0.00	30.70 0.60 0.00	30.45 0.83 0.00	28.71 0.89 0.00	27.10 0.79 0.00	26.08 0.66 0.00	26.07 0.66 0.00	26.15 0.56 0.00	27.07 0.56 0.00	30.36 0.45 0.00	34.17 -0.59 0.00	36.29 -0.97 0.00	30.81 -0.69 0.00	29.70 -0.64 0.00	25.31 -0.03 0.00	22.75 -0.18 0.00	20.26 -0.41 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	21.65 0.57 0.00	20.18 0.53 0.00	19.78 0.52 0.00	20.08 0.37 0.00	21.27 0.23 0.00	22.76 0.31 0.00	28.59 0.70 0.00	31.58 1.30 0.00	31.45 1.35 0.00	30.66 1.04 0.00	28.79 0.97 0.00	27.31 1.00 0.00	26.39 0.97 0.00	26.38 0.97 0.00	26.59 1.00 0.00	27.54 1.03 0.00	31.29 1.38 0.00	36.81 2.05 0.00	39.57 2.31 0.00	33.46 1.95 0.00	32.00 1.67 0.00	26.53 1.19 0.00	24.06 1.12 0.00	21.64 0.97 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	21.67 0.59 0.00	20.20 0.55 0.00	19.80 0.54 0.00	20.10 0.39 0.00	21.25 0.21 0.00	22.73 0.29 0.00	28.65 0.75 0.00	31.70 1.42 0.00	31.61 1.51 0.00	30.78 1.16 0.00	28.93 1.11 0.00	27.47 1.16 0.00	26.52 1.09 0.00	26.50 1.09 0.00	26.72 1.13 0.00	27.70 1.19 0.00	31.41 1.50 0.00	36.91 2.16 0.00	39.72 2.46 0.00	33.62 2.11 0.00	32.13 1.79 0.00	26.61 1.27 0.00	24.15 1.22 0.00	21.70 1.03 0.00
W50THST__13_KV_LOAD 356117	21.76 0.67 0.00	20.28 0.63 0.00	19.87 0.62 0.00	20.18 0.47 0.00	21.33 0.29 0.00	22.85 0.40 0.00	28.79 0.89 0.00	31.88 1.60 0.00	31.79 1.69 0.00	30.96 1.33 0.00	29.07 1.25 0.00	27.60 1.29 0.00	26.67 1.25 0.00	26.66 1.25 0.00	26.85 1.25 0.00	27.84 1.33 0.00	31.55 1.65 0.00	37.12 2.36 0.00	39.91 2.65 0.00	33.78 2.27 0.00	32.28 1.94 0.00	26.73 1.39 0.00	24.26 1.33 0.00	21.78 1.12 0.00
WADING RIVER_IC_1 23522	22.16 1.07 0.00	20.61 0.96 0.00	20.22 0.96 0.00	20.53 0.83 0.00	21.71 0.67 0.00	23.27 0.83 0.00	29.04 1.14 0.00	31.73 1.45 0.00	31.49 1.39 0.00	30.87 1.24 0.00	29.40 1.42 -0.16	27.62 1.31 0.00	26.82 1.40 0.00	26.76 1.35 0.00	28.55 1.46 -1.50	29.92 1.54 -1.87	32.04 1.92 -0.22	41.54 2.92 -3.86	45.47 3.24 -4.97	39.43 2.58 -5.34	34.16 2.37 -1.46	30.44 1.62 -3.48	26.47 1.54 -2.00	22.51 1.38 -0.46
WADING RIVER_IC_2 23547	22.16 1.07 0.00	20.61 0.96 0.00	20.22 0.96 0.00	20.53 0.83 0.00	21.71 0.67 0.00	23.27 0.83 0.00	29.04 1.14 0.00	31.73 1.45 0.00	31.49 1.39 0.00	30.87 1.24 0.00	29.40 1.42 -0.16	27.62 1.31 0.00	26.82 1.40 0.00	26.76 1.35 0.00	28.55 1.46 -1.50	29.92 1.54 -1.87	32.04 1.92 -0.22	41.54 2.92 -3.86	45.47 3.24 -4.97	39.43 2.58 -5.34	34.16 2.37 -1.46	30.44 1.62 -3.48	26.47 1.54 -2.00	22.51 1.38 -0.46



WADING RIVER_IC_3 23601	22.16 1.07 0.00	20.61 0.96 0.00	20.22 0.96 0.00	20.53 0.83 0.00	21.71 0.67 0.00	23.27 0.83 0.00	29.04 1.14 0.00	31.73 1.45 0.00	31.49 1.39 0.00	30.87 1.24 0.00	29.40 1.42 -0.16	27.62 1.31 0.00	26.82 1.40 0.00	26.76 1.35 0.00	28.55 1.46 -1.50	29.92 1.54 -1.87	32.04 1.92 -0.22	41.54 2.92 -3.86	45.47 3.24 -4.97	39.43 2.58 -5.34	34.16 2.37 -1.46	30.44 1.62 -3.48	26.47 1.54 -2.00	22.51 1.38 -0.46
WALDENNY_I2_KV_BK2 80841	19.92 -1.16 0.00	18.63 -1.02 0.00	18.08 -1.17 0.00	18.54 -1.16 0.00	19.84 -1.20 0.00	21.54 -0.90 0.00	25.78 -2.12 0.00	27.34 -2.94 0.00	27.00 -3.10 0.00	26.54 -3.08 0.00	24.95 -2.87 0.00	23.65 -2.66 0.00	23.01 -2.42 0.00	23.05 -2.36 0.00	23.03 -2.56 0.00	23.81 -2.70 0.00	26.98 -2.93 0.00	31.46 -3.30 0.00	33.28 -3.99 0.00	28.42 -3.09 0.00	26.79 -3.55 0.00	22.45 -2.89 0.00	20.53 -2.41 0.00	19.39 -1.28 0.00
WALDEN___HYDRO 24148	21.65 0.57 0.00	20.20 0.55 0.00	19.78 0.52 0.00	20.10 0.39 0.00	21.31 0.27 0.00	22.80 0.36 0.00	28.54 0.64 0.00	31.52 1.24 0.00	31.33 1.23 0.00	30.54 0.92 0.00	28.65 0.83 0.00	27.18 0.87 0.00	26.21 0.79 0.00	26.20 0.79 0.00	26.44 0.84 0.00	27.39 0.87 0.00	31.14 1.23 0.00	36.71 1.95 0.00	39.50 2.24 0.00	33.40 1.89 0.00	31.94 1.61 0.00	26.43 1.09 0.00	23.97 1.03 0.00	21.58 0.91 0.00
WARRENSBURG____ 23737	21.61 0.53 0.00	20.20 0.55 0.00	19.78 0.52 0.00	20.18 0.47 0.00	21.48 0.44 0.00	22.96 0.52 0.00	28.68 0.78 0.00	31.36 1.09 0.00	31.24 1.14 0.00	30.51 0.89 0.00	28.57 0.75 0.00	26.97 0.66 0.00	26.13 0.71 0.00	26.12 0.71 0.00	26.26 0.66 0.00	27.31 0.79 0.00	30.90 0.99 0.00	36.43 1.67 0.00	39.12 1.86 0.00	32.96 1.45 0.00	31.61 1.27 0.00	26.17 0.83 0.00	23.67 0.73 0.00	21.35 0.68 0.00
WATERSIDE___6 8 9 23538	21.74 0.65 0.00	20.26 0.61 0.00	19.86 0.60 0.00	20.14 0.43 0.00	21.27 0.23 0.00	22.71 0.27 0.00	28.59 0.70 0.00	31.64 1.36 0.00	31.51 1.41 0.00	30.69 1.07 0.00	28.85 1.03 0.00	27.39 1.08 0.00	26.47 1.04 0.00	26.45 1.04 0.00	26.67 1.07 0.00	27.62 1.11 0.00	31.35 1.44 0.00	36.84 2.09 0.00	39.65 2.38 0.00	33.56 2.05 0.00	32.06 1.73 0.00	26.56 1.22 0.00	24.17 1.24 0.00	21.72 1.05 0.00
WATKINRD_115KV_LN8_ILLION 55919	21.17 0.08 0.00	19.75 0.10 0.00	19.35 0.10 0.00	19.79 0.08 0.00	21.10 0.06 0.00	22.51 0.07 0.00	28.04 0.14 0.00	30.52 0.24 0.00	30.31 0.21 0.00	29.77 0.15 0.00	27.96 0.14 0.00	26.47 0.16 0.00	25.58 0.15 0.00	25.56 0.15 0.00	25.75 0.15 0.00	26.70 0.19 0.00	30.15 0.24 0.00	35.14 0.38 0.00	37.63 0.37 0.00	31.82 0.32 0.00	30.55 0.21 0.00	25.49 0.15 0.00	23.07 0.14 0.00	20.83 0.17 0.00
WATSON___69_KV_BK 1 55734	22.39 1.31 0.00	20.83 1.18 0.00	20.39 1.14 0.00	20.71 1.01 0.00	21.96 0.93 0.00	23.54 1.10 0.00	29.60 1.70 0.00	32.33 2.06 0.00	32.06 1.96 0.00	31.37 1.75 0.00	29.56 1.50 -0.24	28.23 1.92 0.00	27.25 1.83 0.00	27.19 1.78 0.00	29.02 1.92 -1.51	30.35 1.96 -1.88	32.61 2.48 -0.22	42.13 3.51 -3.86	46.18 3.95 -4.97	40.15 3.31 -5.34	34.68 2.88 -1.46	30.65 1.82 -3.49	26.62 1.67 -2.02	22.93 1.80 -0.46
WDELAWARE___HYD 323627	21.36 0.27 0.00	19.93 0.27 0.00	19.51 0.25 0.00	19.83 0.12 0.00	21.04 0.00 0.00	22.49 0.04 0.00	28.20 0.31 0.00	31.09 0.82 0.00	30.91 0.81 0.00	30.09 0.47 0.00	28.26 0.44 0.00	26.68 0.37 0.00	25.12 -0.30 0.00	25.11 -0.30 0.00	25.31 -0.28 0.00	26.27 -0.24 0.00	29.88 -0.03 0.00	35.21 0.45 0.00	37.93 0.67 0.00	31.95 0.44 0.00	31.43 1.09 0.00	25.92 0.58 0.00	23.53 0.60 0.00	21.19 0.52 0.00
WEST BABYLON___IC 23714	22.31 1.22 0.00	20.75 1.10 0.00	20.32 1.06 0.00	20.63 0.93 0.00	21.88 0.84 0.00	23.43 0.99 0.00	29.46 1.56 0.00	32.24 1.97 0.00	32.00 1.90 0.00	31.31 1.69 0.00	29.82 1.64 -0.36	28.15 1.84 0.00	27.18 1.75 0.00	27.11 1.70 0.00	28.94 1.84 -1.51	30.31 1.91 -1.89	32.50 2.36 -0.23	41.95 3.34 -3.86	45.96 3.73 -4.97	40.00 3.15 -5.34	34.56 2.76 -1.46	30.77 1.93 -3.51	26.76 1.79 -2.04	22.85 1.72 -0.46
WEST CANADA___HYD 24049	21.15 0.06 0.00	19.73 0.08 0.00	19.34 0.08 0.00	19.75 0.04 0.00	21.04 0.00 0.00	22.44 0.00 0.00	27.95 0.06 0.00	30.46 0.18 0.00	30.25 0.15 0.00	29.71 0.09 0.00	27.87 0.06 0.00	26.36 0.05 0.00	25.50 0.08 0.00	25.49 0.08 0.00	25.67 0.08 0.00	26.59 0.08 0.00	30.06 0.15 0.00	35.07 0.31 0.00	37.60 0.33 0.00	31.76 0.25 0.00	30.52 0.18 0.00	25.44 0.10 0.00	23.05 0.12 0.00	20.81 0.15 0.00
WESTERN_NY_WIND 24143	20.11 -0.97 0.00	18.83 -0.83 0.00	18.28 -0.98 0.00	18.74 -0.97 0.00	20.05 -0.99 0.00	21.70 -0.74 0.00	26.11 -1.79 0.00	27.98 -2.30 0.00	27.51 -2.59 0.00	26.93 -2.70 0.00	25.26 -2.56 0.00	23.89 -2.42 0.00	23.21 -2.21 0.00	23.23 -2.19 0.00	23.29 -2.30 0.00	24.07 -2.44 0.00	27.31 -2.60 0.00	31.84 -2.92 0.00	33.98 -3.28 0.00	28.96 -2.55 0.00	27.39 -2.94 0.00	22.91 -2.43 0.00	20.87 -2.06 0.00	19.59 -1.07 0.00
WESTOVER___LESR 323668	21.17 0.08 0.00	19.77 0.12 0.00	19.32 0.06 0.00	19.73 0.02 0.00	21.01 -0.02 0.00	22.53 0.09 0.00	27.90 0.00 0.00	30.49 0.21 0.00	30.19 0.09 0.00	29.56 -0.06 0.00	27.73 -0.08 0.00	26.18 -0.13 0.00	25.32 -0.10 0.00	25.28 -0.13 0.00	25.46 -0.13 0.00	26.38 -0.13 0.00	29.85 -0.06 0.00	34.93 0.17 0.00	37.45 0.19 0.00	31.79 0.28 0.00	30.31 -0.03 0.00	25.29 -0.05 0.00	22.91 -0.02 0.00	20.96 0.29 0.00
WETHRSFD_WT_PWR 323626	19.71 -1.37 0.00	18.35 -1.30 0.00	17.81 -1.44 0.00	18.25 -1.46 0.00	19.56 -1.47 0.00	21.27 -1.17 0.00	25.44 -2.46 0.00	27.01 -3.27 0.00	26.67 -3.43 0.00	26.31 -3.32 0.00	24.73 -3.09 0.00	23.92 -2.39 0.00	22.80 -2.62 0.00	22.85 -2.57 0.00	23.01 -2.58 0.00	23.57 -2.94 0.00	26.71 -3.20 0.00	31.28 -3.48 0.00	32.83 -4.43 0.00	28.45 -3.06 0.00	26.33 -4.00 0.00	22.35 -2.99 0.00	20.23 -2.71 0.00	18.95 -1.72 0.00
WHAVSTOR_138KV_BK127 55557	21.59 0.51 0.00	20.12 0.47 0.00	19.70 0.44 0.00	20.02 0.32 0.00	21.20 0.17 0.00	22.69 0.25 0.00	28.51 0.61 0.00	31.49 1.21 0.00	31.36 1.26 0.00	30.57 0.95 0.00	28.71 0.89 0.00	27.23 0.92 0.00	26.31 0.89 0.00	26.30 0.89 0.00	26.51 0.92 0.00	27.47 0.95 0.00	31.17 1.26 0.00	36.67 1.91 0.00	39.42 2.16 0.00	33.34 1.83 0.00	31.88 1.55 0.00	26.43 1.09 0.00	23.99 1.05 0.00	21.60 0.93 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	21.59 0.51 0.00	20.12 0.47 0.00	19.70 0.44 0.00	20.02 0.32 0.00	21.20 0.17 0.00	22.69 0.25 0.00	28.51 0.61 0.00	31.49 1.21 0.00	31.36 1.26 0.00	30.57 0.95 0.00	28.71 0.89 0.00	27.23 0.92 0.00	26.31 0.89 0.00	26.30 0.89 0.00	26.51 0.92 0.00	27.47 0.95 0.00	31.17 1.26 0.00	36.67 1.91 0.00	39.42 2.16 0.00	33.34 1.83 0.00	31.88 1.55 0.00	26.43 1.09 0.00	23.99 1.05 0.00	21.60 0.93 0.00



WHITEHAL_115KV_TB1 80871	21.88 0.80 0.00	20.48 0.83 0.00	20.03 0.77 0.00	20.46 0.75 0.00	21.79 0.76 0.00	23.32 0.88 0.00	29.12 1.23 0.00	31.82 1.54 0.00	31.76 1.66 0.00	30.98 1.36 0.00	29.01 1.20 0.00	27.44 1.13 0.00	26.49 1.07 0.00	26.45 1.04 0.00	26.59 1.00 0.00	27.76 1.25 0.00	31.41 1.50 0.00	37.09 2.33 0.00	39.80 2.53 0.00	33.52 2.02 0.00	32.16 1.82 0.00	26.61 1.27 0.00	23.97 1.03 0.00	21.62 0.95 0.00
WHITEPLN_13_KV_LOAD 356215	21.82 0.74 0.00	20.34 0.69 0.00	19.91 0.65 0.00	20.22 0.51 0.00	21.39 0.36 0.00	22.89 0.45 0.00	28.82 0.92 0.00	31.91 1.63 0.00	31.79 1.69 0.00	30.96 1.33 0.00	29.10 1.28 0.00	27.60 1.29 0.00	26.64 1.22 0.00	26.63 1.22 0.00	26.85 1.25 0.00	27.84 1.33 0.00	31.58 1.67 0.00	37.23 2.47 0.00	40.06 2.79 0.00	33.87 2.36 0.00	32.37 2.03 0.00	26.76 1.42 0.00	24.29 1.35 0.00	21.81 1.14 0.00
WM_FLOYD_69_KV_BK2 356380	22.20 1.12 0.00	20.67 1.02 0.00	20.26 1.00 0.00	20.57 0.87 0.00	21.77 0.74 0.00	23.34 0.90 0.00	29.18 1.28 0.00	31.85 1.57 0.00	31.61 1.51 0.00	30.98 1.36 0.00	29.54 1.56 -0.17	27.89 1.58 0.00	26.92 1.50 0.00	26.86 1.45 0.00	28.68 1.59 -1.50	30.03 1.64 -1.87	32.19 2.06 -0.22	41.71 3.09 -3.86	45.62 3.39 -4.97	39.65 2.80 -5.34	34.28 2.49 -1.46	30.64 1.82 -3.48	26.61 1.67 -2.00	22.61 1.49 -0.46
WOODARD__115KV_TB2 355635	20.87 -0.21 0.00	19.49 -0.16 0.00	19.07 -0.19 0.00	19.49 -0.22 0.00	20.76 -0.27 0.00	22.15 -0.29 0.00	27.42 -0.47 0.00	29.82 -0.45 0.00	29.56 -0.54 0.00	29.00 -0.62 0.00	27.26 -0.56 0.00	25.73 -0.58 0.00	24.91 -0.51 0.00	24.88 -0.53 0.00	25.05 -0.54 0.00	25.95 -0.56 0.00	29.31 -0.60 0.00	34.20 -0.56 0.00	36.67 -0.60 0.00	31.07 -0.44 0.00	29.70 -0.64 0.00	24.78 -0.56 0.00	22.47 -0.46 0.00	20.59 -0.08 0.00
YORK__WARBASSE 23770	21.86 0.78 0.00	20.36 0.71 0.00	19.95 0.69 0.00	20.24 0.53 0.00	21.37 0.34 0.00	22.78 0.34 0.00	28.68 0.78 0.00	31.73 1.45 0.00	31.61 1.51 0.00	30.78 1.16 0.00	28.93 1.11 0.00	27.47 1.16 0.00	26.54 1.12 0.00	26.53 1.12 0.00	26.74 1.15 0.00	27.73 1.22 0.00	31.46 1.56 0.00	37.02 2.26 0.00	39.87 2.61 0.00	33.74 2.24 0.00	32.22 1.88 0.00	26.68 1.34 0.00	24.33 1.40 0.00	21.87 1.20 0.00