

Day Ahead Market Generator LBMP

--- LBMP \$		--- Marginal Cost of Losses															--- Marginal Cost of Congestion									
Generator Data		09/26/2023																								
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	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	
	20.24	18.34	15.52	15.47	15.59	19.76	28.10	30.00	30.17	28.05	26.59	25.54	24.25	24.00	23.71	24.13	25.77	30.78	30.79	32.57	28.97	24.77	23.18	20.85		
	1.29	1.15	0.93	0.92	0.90	1.19	1.67	2.17	2.24	2.44	2.22	2.19	2.11	2.08	2.02	2.05	2.27	2.46	2.29	2.25	1.95	1.96	1.72	1.09		
74TH STREET_GT_1 24260																										
	20.24	18.34	15.52	15.47	15.59	19.74	28.10	30.00	30.12	27.97	26.55	25.47	24.21	23.96	23.67	24.08	25.77	30.71	30.78	32.57	29.00	24.75	23.14	20.85		
	1.29	1.15	0.93	0.92	0.90	1.17	1.68	2.18	2.19	2.36	2.17	2.12	2.06	2.04	1.97	2.01	2.27	2.40	2.29	2.25	1.98	1.94	1.67	1.09		
74TH STREET_GT_2 24261																										
	20.24	18.34	15.52	15.47	15.59	19.74	28.10	30.00	30.12	27.97	26.55	25.47	24.21	23.96	23.67	24.08	25.77	30.71	30.78	32.57	29.00	24.75	23.14	20.85		
	1.29	1.15	0.93	0.92	0.90	1.17	1.68	2.18	2.19	2.36	2.17	2.12	2.06	2.04	1.97	2.01	2.27	2.40	2.29	2.25	1.98	1.94	1.67	1.09		
ADK HUDSON___FALLS 24011																										
	20.36	18.40	15.59	15.56	15.71	19.95	28.62	30.38	30.78	27.67	26.28	25.15	23.74	23.52	23.23	23.53	25.16	30.57	30.75	33.22	29.61	24.61	23.07	20.93		
	1.40	1.22	1.01	1.00	1.01	1.37	2.01	2.28	2.13	2.01	1.90	1.80	1.59	1.60	1.54	1.46	1.64	1.96	2.02	1.97	2.08	1.80	1.61	1.17		
ADK RESOURCE___RCVRY 23798																										
	20.43	18.47	15.65	15.62	15.77	20.02	28.75	30.54	30.96	27.82	26.42	25.29	23.85	23.63	23.34	23.62	25.19	30.75	30.90	33.34	29.77	24.72	23.23	21.01		
	1.48	1.29	1.06	1.06	1.07	1.45	2.14	2.44	2.31	2.16	2.05	1.94	1.71	1.71	1.65	1.54	1.66	2.10	2.13	2.08	2.23	1.92	1.76	1.25		
ADK S GLENS___FALLS 24028																										
	20.36	18.40	15.59	15.56	15.71	19.95	28.62	30.38	30.78	27.67	26.28	25.15	23.74	23.52	23.23	23.53	25.16	30.57	30.75	33.22	29.61	24.61	23.07	20.93		
	1.40	1.22	1.01	1.00	1.01	1.37	2.01	2.28	2.13	2.01	1.90	1.80	1.59	1.60	1.54	1.46	1.64	1.96	2.02	1.97	2.08	1.80	1.61	1.17		
ADK_NYS___DAM 23527																										
	19.98	18.09	15.33	15.30	15.43	19.57	27.95	29.68	30.05	27.15	25.74	24.61	23.32	23.12	22.86	23.27	24.85	30.26	30.47	32.77	29.02	24.20	22.64	20.53		
	1.02	0.91	0.74	0.74	0.73	1.00	1.37	1.61	1.50	1.50	1.36	1.26	1.17	1.20	1.17	1.19	1.33	1.66	1.74	1.67	1.57	1.39	1.18	0.77		
AIR_PRODUCTS___DRP 24190																										
	19.28	17.46	14.88	14.83	14.96	18.91	27.00	28.69	29.15	26.24	24.89	23.82	22.57	22.36	22.11	22.49	24.06	29.20	29.37	31.77	28.06	23.36	21.83	19.86		
	0.32	0.27	0.29	0.28	0.26	0.33	0.41	0.62	0.58	0.58	0.51	0.47	0.42	0.44	0.41	0.42	0.54	0.63	0.66	0.66	0.61	0.55	0.36	0.10		
AKWESSNE_115KV_BK 355683																										
	18.56	16.88	14.34	14.32	14.46	18.27	25.40	26.61	25.19	25.18	24.18	23.12	21.90	21.66	21.43	21.81	23.10	26.91	27.29	27.05	25.10	22.58	21.36	19.64		
	-0.40	-0.31	-0.25	-0.23	-0.24	-0.30	-0.39	-0.24	-0.23	-0.25	-0.20	-0.23	-0.24	-0.26	-0.26	-0.26	-0.30	-0.38	-0.33	-0.33	-0.28	-0.23	-0.11	-0.12		
ALBANY___1 23571																										
	19.28	17.46	14.88	14.83	14.96	18.91	27.00	28.69	29.15	26.24	24.89	23.82	22.57	22.36	22.11	22.49	24.06	29.20	29.37	31.77	28.06	23.36	21.83	19.86		
	0.32	0.27	0.29	0.28	0.26	0.33	0.41	0.62	0.58	0.58	0.51	0.47	0.42	0.44	0.41	0.42	0.54	0.63	0.66	0.66	0.61	0.55	0.36	0.10		
ALBANY___2 23572																										
	19.28	17.46	14.88	14.83	14.96	18.91	27.00	28.69	29.15	26.24	24.89	23.82	22.57	22.36	22.11	22.49	24.06	29.20	29.37	31.77	28.06	23.36	21.83	19.86		
	0.32	0.27	0.29	0.28	0.26	0.33	0.41	0.62	0.58	0.58	0.51	0.47	0.42	0.44	0.41	0.42	0.54	0.63	0.66	0.66	0.61	0.55	0.36	0.10		
ALBANY___3 23573																										
	19.28	17.46	14.88	14.83	14.96	18.91	27.00	28.69	29.15	26.24	24.89	23.82	22.57	22.36	22.11	22.49	24.06	29.20	29.37	31.77	28.06	23.36	21.83	19.86		
	0.32	0.27	0.29	0.28	0.26	0.33	0.41	0.62	0.58	0.58	0.51	0.47	0.42	0.44	0.41	0.42	0.54	0.63	0.66	0.66	0.61	0.55	0.36	0.10		

ALBANY___4 23574	19.28 0.32 0.00	17.46 0.27 0.00	14.88 0.29 0.00	14.83 0.28 0.00	14.96 0.26 0.00	18.91 0.33 0.00	27.00 0.41 -0.81	28.69 0.62 -1.22	29.15 0.58 -3.15	26.24 0.58 -0.22	24.89 0.51 0.00	23.82 0.47 0.00	22.57 0.42 0.00	22.36 0.44 0.00	22.11 0.41 0.00	22.49 0.42 0.00	24.06 0.54 -0.11	29.20 0.63 -1.28	29.37 0.66 -1.09	31.77 0.66 -3.73	28.06 0.61 -2.07	23.36 0.55 0.00	21.83 0.36 0.00	19.86 0.10 0.00
ALBANY___LFGE 323615	19.47 0.51 0.00	17.63 0.45 0.00	15.00 0.41 0.00	14.96 0.41 0.00	15.09 0.40 0.00	19.09 0.52 0.00	27.26 0.67 -0.81	28.96 0.88 -1.22	29.42 0.84 -3.17	26.49 0.84 -0.22	25.13 0.76 0.00	24.05 0.70 0.00	22.77 0.62 0.00	22.55 0.64 0.00	22.30 0.61 0.00	22.72 0.64 0.00	24.25 0.73 -0.11	29.51 0.90 -1.32	29.68 0.94 -1.12	32.08 0.93 -3.77	28.36 0.89 -2.09	23.58 0.78 0.00	22.09 0.62 0.00	20.06 0.30 0.00
ALCOA_PA_115KV_PL-6C 55860	18.73 -0.23 0.00	17.05 -0.14 0.00	14.50 -0.09 0.00	14.48 -0.07 0.00	14.62 -0.07 0.00	18.48 -0.09 0.00	25.65 -0.13 0.00	26.75 -0.11 0.00	25.34 -0.08 0.00	25.33 -0.10 0.00	24.35 -0.02 0.00	23.26 -0.09 0.00	22.02 -0.13 0.00	21.77 -0.15 0.00	21.52 -0.17 0.00	21.90 -0.18 0.00	23.20 -0.21 0.00	27.02 -0.27 0.00	27.40 -0.22 0.00	27.19 -0.19 0.00	25.21 -0.18 0.00	22.74 -0.07 0.00	21.51 0.04 0.00	19.80 0.04 0.00
ALCOA_RYNLDS___DRP 24188	18.73 -0.23 0.00	17.05 -0.14 0.00	14.50 -0.09 0.00	14.48 -0.07 0.00	14.62 -0.07 0.00	18.48 -0.09 0.00	25.65 -0.13 0.00	26.75 -0.11 0.00	25.34 -0.08 0.00	25.33 -0.10 0.00	24.35 -0.02 0.00	23.26 -0.09 0.00	22.02 -0.13 0.00	21.77 -0.15 0.00	21.52 -0.17 0.00	21.90 -0.18 0.00	23.20 -0.21 0.00	27.02 -0.27 0.00	27.40 -0.22 0.00	27.19 -0.19 0.00	25.21 -0.18 0.00	22.74 -0.07 0.00	21.51 0.04 0.00	19.80 0.04 0.00
ALCOA___DSASP 323711	18.73 -0.23 0.00	17.05 -0.14 0.00	14.50 -0.09 0.00	14.48 -0.07 0.00	14.62 -0.07 0.00	18.44 -0.13 0.00	25.66 -0.13 0.00	26.75 -0.11 0.00	25.34 -0.08 0.00	25.33 -0.10 0.00	24.35 -0.02 0.00	23.26 -0.09 0.00	22.02 -0.13 0.00	21.77 -0.15 0.00	21.52 -0.17 0.00	21.90 -0.18 0.00	23.20 -0.21 0.00	27.02 -0.27 0.00	27.37 -0.25 0.00	27.19 -0.19 0.00	25.21 -0.18 0.00	22.74 -0.07 0.00	21.44 -0.02 0.00	19.80 0.04 0.00
ALLEGHENY___COGEN 23514	20.03 1.08 0.00	18.09 0.91 0.00	15.37 0.79 0.00	15.34 0.79 0.00	15.51 0.81 0.00	19.43 0.85 0.00	26.84 0.95 -0.11	27.95 0.94 -0.16	26.87 1.04 -0.42	26.48 1.02 -0.03	25.47 1.10 0.00	24.42 1.07 0.00	23.21 1.06 0.00	22.95 1.03 0.00	22.82 1.13 0.00	23.35 1.28 0.00	24.43 1.01 -0.01	28.90 1.45 -0.16	29.33 1.57 -0.14	29.35 1.50 -0.46	27.14 1.50 -0.26	24.08 1.28 0.00	22.69 1.22 0.00	20.89 1.13 0.00
ALTAMONT_115KV_TB 2 55880	19.58 0.63 0.00	17.73 0.55 0.00	15.05 0.47 0.00	15.02 0.47 0.00	15.15 0.46 0.00	19.17 0.59 0.00	27.39 0.80 -0.81	29.06 0.99 -1.22	29.53 0.97 -3.15	26.62 0.97 -0.22	25.25 0.88 0.00	24.17 0.82 0.00	22.92 0.78 0.00	22.71 0.79 0.00	22.45 0.76 0.00	22.85 0.77 0.00	24.41 0.89 -0.11	29.58 1.01 -1.28	29.76 1.05 -1.09	32.12 1.01 -3.73	28.42 0.96 -2.07	23.70 0.89 0.00	22.17 0.71 0.00	20.20 0.43 0.00
ALTONA_WT_PWR 323606	18.78 -0.17 0.00	17.17 -0.02 0.00	14.66 0.07 0.00	14.70 0.15 0.00	14.86 0.16 0.00	18.78 0.20 0.00	26.14 0.36 0.00	27.18 0.32 0.00	25.82 0.41 0.00	25.86 0.43 0.00	24.86 0.49 0.00	23.72 0.37 0.00	22.42 0.27 0.00	22.16 0.24 0.00	21.91 0.22 0.00	22.32 0.24 0.00	23.62 0.21 0.00	27.51 0.22 0.00	28.14 0.52 0.00	27.85 0.47 0.00	25.86 0.48 0.00	23.33 0.52 0.00	21.98 0.51 0.00	20.20 0.43 0.00
AMERICAN_REF_FUEL 24010	18.93 -0.02 0.00	17.20 0.02 0.00	14.56 -0.03 0.00	14.54 -0.01 0.00	14.68 -0.01 0.00	18.46 -0.11 0.00	24.80 -1.08 -0.09	25.49 -1.50 -0.14	24.72 -1.07 -0.37	24.54 -0.91 -0.03	23.67 -0.71 0.00	22.86 -0.49 0.00	21.75 -0.40 0.00	21.46 -0.46 0.00	21.37 -0.32 0.00	21.83 -0.24 0.00	22.53 -0.89 -0.01	26.43 -1.01 -0.15	26.83 -0.91 -0.12	26.59 -1.20 -0.41	24.88 -0.74 -0.23	22.19 -0.61 0.00	20.99 -0.47 0.00	19.66 -0.10 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	19.56 0.61 0.00	17.70 0.52 0.00	15.08 0.50 0.00	15.08 0.52 0.00	15.23 0.53 0.00	19.04 0.46 0.00	25.37 -0.52 -0.11	26.29 -0.72 -0.16	25.52 -0.30 -0.41	25.84 0.38 -0.03	24.99 0.61 0.00	24.17 0.82 0.00	22.99 0.84 0.00	22.71 0.79 0.00	22.60 0.91 0.00	23.11 1.04 0.00	23.47 0.05 -0.01	27.59 0.14 -0.16	28.01 0.25 -0.14	27.76 -0.08 -0.47	25.74 0.10 -0.26	23.40 0.59 0.00	22.02 0.56 0.00	20.38 0.61 0.00
ARTHUR_KILL_GT_1 23520	20.12 1.16 -0.01	18.21 1.01 -0.01	15.41 0.82 -0.01	15.36 0.80 -0.01	15.48 0.78 -0.01	19.60 1.02 -0.01	27.86 1.44 -0.64	29.78 1.96 -0.96	29.93 2.01 -2.51	27.81 2.21 -0.17	26.37 2.00 0.01	25.33 1.98 0.01	24.05 1.91 0.01	23.82 1.91 0.01	23.51 1.82 0.01	23.94 1.88 0.01	25.60 2.11 -0.08	30.61 2.29 -1.02	30.70 2.21 -0.87	32.48 2.16 -2.94	28.86 1.85 -1.63	24.63 1.83 0.01	23.02 1.57 0.01	20.70 0.93 -0.01
ARTHUR_KILL_2 23512	20.06 1.10 -0.01	18.17 0.98 -0.01	15.38 0.79 -0.01	15.33 0.77 -0.01	15.45 0.75 -0.01	19.56 0.98 -0.01	27.81 1.39 -0.64	29.72 1.91 -0.96	29.88 1.96 -2.51	27.76 2.16 -0.17	26.32 1.95 0.01	25.26 1.92 0.01	23.98 1.84 0.01	23.75 1.84 0.01	23.44 1.76 0.01	23.88 1.81 0.01	25.55 2.06 -0.08	30.55 2.24 -1.02	30.62 2.13 -0.87	32.40 2.08 -2.94	28.79 1.78 -1.63	24.56 1.76 0.01	22.96 1.50 0.01	20.66 0.89 -0.01
ARTHUR_KILL_3 23513	20.07 1.12 0.00	18.20 1.01 0.00	15.40 0.82 0.00	15.35 0.80 0.00	15.48 0.78 0.00	19.61 1.04 0.00	27.82 1.39 -0.64	29.70 1.88 -0.97	29.81 1.88 -2.52	27.69 2.09 -0.18	26.28 1.90 0.00	25.26 1.92 0.00	23.99 1.84 0.00	23.76 1.84 0.00	23.45 1.76 0.00	23.89 1.81 0.00	25.51 2.01 -0.09	30.39 2.07 -1.03	30.43 1.93 -0.88	32.21 1.89 -2.95	28.69 1.67 -1.64	24.56 1.76 0.00	23.01 1.55 0.00	20.69 0.93 0.00
ARTHUR_KILL_COGEN 323718	20.12 1.16 -0.01	18.21 1.01 -0.01	15.41 0.82 -0.01	15.36 0.80 -0.01	15.48 0.78 -0.01	19.60 1.02 -0.01	27.86 1.44 -0.64	29.78 1.96 -0.96	29.93 2.01 -2.51	27.81 2.21 -0.17	26.37 2.00 0.01	25.33 1.98 0.01	24.05 1.91 0.01	23.82 1.91 0.01	23.51 1.82 0.01	23.94 1.88 0.01	25.60 2.11 -0.08	30.61 2.29 -1.02	30.70 2.21 -0.87	32.48 2.16 -2.94	28.86 1.85 -1.63	24.63 1.83 0.01	23.02 1.57 0.01	20.70 0.93 -0.01
ASHOKAN____ 23654	19.96 1.00 0.00	18.04 0.86 0.00	15.32 0.73 0.00	15.28 0.73 0.00	15.43 0.73 0.00	19.46 0.89 0.00	27.06 0.57 -0.71	28.57 0.64 -1.07	28.78 0.58 -2.78	26.67 1.04 -0.20	25.25 0.88 0.00	24.10 0.75 0.00	22.79 0.64 0.00	22.58 0.66 0.00	22.34 0.65 0.00	22.78 0.71 0.00	23.93 0.42 -0.10	29.07 0.63 -1.15	29.37 0.77 -0.98	31.48 0.82 -3.28	27.76 0.56 -1.82	23.81 1.00 0.00	22.34 0.88 0.00	20.39 0.63 0.00

ASTORIA_EAST_ENERGY_CC1 323581	20.34 1.38 -0.01	18.45 1.25 -0.01	15.63 1.04 -0.01	15.58 1.02 -0.01	15.71 1.00 -0.01	19.90 1.32 -0.01	28.19 1.75 -0.65	30.04 2.20 -0.98	30.13 2.19 -2.53	27.98 2.37 -0.19	26.55 2.17 -0.01	25.48 2.12 -0.01	24.19 2.04 -0.01	23.97 2.04 -0.01	23.68 1.97 -0.01	24.11 2.03 -0.01	25.73 2.23 -0.10	30.70 2.37 -1.04	30.77 2.27 -0.89	32.58 2.25 -2.95	29.03 2.00 -1.64	24.80 1.98 -0.01	23.28 1.80 -0.01	20.98 1.21 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	20.34 1.38 -0.01	18.45 1.25 -0.01	15.63 1.04 -0.01	15.58 1.02 -0.01	15.71 1.00 -0.01	19.90 1.32 -0.01	28.19 1.75 -0.65	30.04 2.20 -0.98	30.13 2.19 -2.53	27.98 2.37 -0.19	26.55 2.17 -0.01	25.48 2.12 -0.01	24.19 2.04 -0.01	23.97 2.04 -0.01	23.68 1.97 -0.01	24.11 2.03 -0.01	25.73 2.23 -0.10	30.70 2.37 -1.04	30.77 2.27 -0.89	32.58 2.25 -2.95	29.03 2.00 -1.64	24.80 1.98 -0.01	23.28 1.80 -0.01	20.98 1.21 -0.01
ASTORIA_GT2_1 24094	20.34 1.38 0.00	18.44 1.25 0.00	15.62 1.04 0.00	15.57 1.02 0.00	15.70 1.00 0.00	19.88 1.30 -0.01	28.18 1.75 -0.64	30.03 2.20 -0.98	30.10 2.16 -2.53	27.96 2.34 -0.19	26.55 2.17 -0.01	25.48 2.12 -0.01	24.19 2.04 -0.01	23.96 2.04 -0.01	23.68 1.97 -0.01	24.11 2.03 -0.01	25.75 2.25 -0.10	30.70 2.37 -1.03	30.76 2.26 -0.88	32.58 2.25 -2.95	29.01 1.98 -1.64	24.78 1.96 -0.01	23.21 1.74 -0.01	20.97 1.21 0.00
ASTORIA_GT2_2 24095	20.34 1.38 0.00	18.44 1.25 0.00	15.62 1.04 0.00	15.57 1.02 0.00	15.70 1.00 0.00	19.88 1.30 -0.01	28.18 1.75 -0.64	30.03 2.20 -0.98	30.10 2.16 -2.53	27.96 2.34 -0.19	26.55 2.17 -0.01	25.48 2.12 -0.01	24.19 2.04 -0.01	23.96 2.04 -0.01	23.68 1.97 -0.01	24.11 2.03 -0.01	25.75 2.25 -0.10	30.70 2.37 -1.03	30.76 2.26 -0.88	32.58 2.25 -2.95	29.01 1.98 -1.64	24.78 1.96 -0.01	23.21 1.74 -0.01	20.97 1.21 0.00
ASTORIA_GT2_3 24096	20.34 1.38 0.00	18.44 1.25 0.00	15.62 1.04 0.00	15.57 1.02 0.00	15.70 1.00 0.00	19.88 1.30 -0.01	28.18 1.75 -0.64	30.03 2.20 -0.98	30.10 2.16 -2.53	27.96 2.34 -0.19	26.55 2.17 -0.01	25.48 2.12 -0.01	24.19 2.04 -0.01	23.96 2.04 -0.01	23.68 1.97 -0.01	24.11 2.03 -0.01	25.75 2.25 -0.10	30.70 2.37 -1.03	30.76 2.26 -0.88	32.58 2.25 -2.95	29.01 1.98 -1.64	24.78 1.96 -0.01	23.21 1.74 -0.01	20.97 1.21 0.00
ASTORIA_GT2_4 24097	20.34 1.38 0.00	18.44 1.25 0.00	15.62 1.04 0.00	15.57 1.02 0.00	15.70 1.00 0.00	19.88 1.30 -0.01	28.18 1.75 -0.64	30.03 2.20 -0.98	30.10 2.16 -2.53	27.96 2.34 -0.19	26.55 2.17 -0.01	25.48 2.12 -0.01	24.19 2.04 -0.01	23.96 2.04 -0.01	23.68 1.97 -0.01	24.11 2.03 -0.01	25.75 2.25 -0.10	30.70 2.37 -1.03	30.76 2.26 -0.88	32.58 2.25 -2.95	29.01 1.98 -1.64	24.78 1.96 -0.01	23.21 1.74 -0.01	20.97 1.21 0.00
ASTORIA_GT3_1 24098	20.34 1.38 0.00	18.44 1.25 0.00	15.62 1.04 0.00	15.57 1.02 0.00	15.70 1.00 0.00	19.88 1.30 -0.01	28.18 1.75 -0.64	30.03 2.20 -0.98	30.10 2.16 -2.53	27.96 2.34 -0.19	26.55 2.17 -0.01	25.48 2.12 -0.01	24.19 2.04 -0.01	23.96 2.04 -0.01	23.68 1.97 -0.01	24.11 2.03 -0.01	25.75 2.25 -0.10	30.70 2.37 -1.03	30.76 2.26 -0.88	32.58 2.25 -2.95	29.01 1.98 -1.64	24.78 1.96 -0.01	23.21 1.74 -0.01	20.97 1.21 0.00
ASTORIA_GT3_2 24099	20.34 1.38 0.00	18.44 1.25 0.00	15.62 1.04 0.00	15.57 1.02																				

ASTORIA_GT_10 24110	20.24 1.29 0.00	18.34 1.15 0.00	15.54 0.95 0.00	15.49 0.93 0.00	15.61 0.91 0.00	19.77 1.19 -0.01	28.08 1.65 -0.64	29.95 2.12 -0.98	30.08 2.13 -2.53	30.25 2.31 -2.51	28.35 2.15 -1.83	29.30 2.10 -3.85	29.30 2.02 -5.14	29.30 2.02 -5.37	27.40 1.93 -3.78	27.40 1.99 -3.34	29.35 2.22 -3.71	35.38 2.35 -5.75	30.73 2.24 -0.88	32.52 2.19 -2.95	28.98 1.95 -1.64	24.73 1.92 -0.01	23.15 1.67 -0.01	20.87 1.11 0.00
ASTORIA_GT_11 24225	20.24 1.29 0.00	18.34 1.15 0.00	15.54 0.95 0.00	15.49 0.93 0.00	15.61 0.91 0.00	19.77 1.19 -0.01	28.08 1.65 -0.64	29.95 2.12 -0.98	30.08 2.13 -2.53	30.25 2.31 -2.51	28.35 2.15 -1.83	29.30 2.10 -3.85	29.30 2.02 -5.14	29.30 2.02 -5.37	27.40 1.93 -3.78	27.40 1.99 -3.34	29.35 2.22 -3.71	35.38 2.35 -5.75	30.73 2.24 -0.88	32.52 2.19 -2.95	28.98 1.95 -1.64	24.73 1.92 -0.01	23.15 1.67 -0.01	20.87 1.11 0.00
ASTORIA_GT_12 24226	20.24 1.29 0.00	18.34 1.15 0.00	15.54 0.95 0.00	15.49 0.93 0.00	15.61 0.91 0.00	19.77 1.19 -0.01	28.08 1.65 -0.64	29.95 2.12 -0.98	30.08 2.13 -2.53	30.25 2.31 -2.51	28.35 2.15 -1.83	29.30 2.10 -3.85	29.30 2.02 -5.14	29.30 2.02 -5.37	27.40 1.93 -3.78	27.40 1.99 -3.34	29.35 2.22 -3.71	35.38 2.35 -5.75	30.73 2.24 -0.88	32.52 2.19 -2.95	28.98 1.95 -1.64	24.73 1.92 -0.01	23.15 1.67 -0.01	20.87 1.11 0.00
ASTORIA_GT_13 24227	20.24 1.29 0.00	18.34 1.15 0.00	15.54 0.95 0.00	15.49 0.93 0.00	15.61 0.91 0.00	19.77 1.19 -0.01	28.08 1.65 -0.64	29.95 2.12 -0.98	30.08 2.13 -2.53	30.25 2.31 -2.51	28.35 2.15 -1.83	29.30 2.10 -3.85	29.30 2.02 -5.14	29.30 2.02 -5.37	27.40 1.93 -3.78	27.40 1.99 -3.34	29.35 2.22 -3.71	35.38 2.35 -5.75	30.73 2.24 -0.88	32.52 2.19 -2.95	28.98 1.95 -1.64	24.73 1.92 -0.01	23.15 1.67 -0.01	20.87 1.11 0.00
ASTORIA_GT_5 24106	20.38 1.42 -0.01	18.48 1.29 -0.01	15.65 1.05 -0.01	15.61 1.05 -0.01	15.73 1.03 -0.01	19.92 1.34 -0.01	28.24 1.80 -0.65	30.09 2.26 -0.98	30.18 2.24 -2.53	28.03 2.42 -0.19	26.60 2.22 -0.01	25.53 2.17 -0.01	24.24 2.08 -0.01	24.01 2.08 -0.01	23.72 2.02 -0.01	24.16 2.07 -0.01	25.78 2.27 -0.10	30.76 2.43 -1.04	30.83 2.32 -0.89	32.63 2.30 -2.95	29.06 2.03 -1.64	24.84 2.03 -0.01	23.30 1.82 -0.01	21.02 1.25 -0.01
ASTORIA_GT_7 24107	20.38 1.42 -0.01	18.48 1.29 -0.01	15.65 1.05 -0.01	15.61 1.05 -0.01	15.73 1.03 -0.01	19.92 1.34 -0.01	28.24 1.80 -0.65	30.09 2.26 -0.98	30.18 2.24 -2.53	28.03 2.42 -0.19	26.60 2.22 -0.01	25.53 2.17 -0.01	24.24 2.08 -0.01	24.01 2.08 -0.01	23.72 2.02 -0.01	24.16 2.07 -0.01	25.78 2.27 -0.10	30.76 2.43 -1.04	30.83 2.32 -0.89	32.63 2.30 -2.95	29.06 2.03 -1.64	24.84 2.03 -0.01	23.30 1.82 -0.01	21.02 1.25 -0.01
ASTORIA_GT_8 24108	20.38 1.42 0.00	18.47 1.29 0.00	15.64 1.05 0.00	15.60 1.05 0.00	15.73 1.03 0.00	19.90 1.32 -0.01	28.23 1.80 -0.64	30.09 2.26 -0.98	30.15 2.21 -2.53	28.03 2.42 -0.19	26.60 2.22 -0.01	25.53 2.17 -0.01	24.24 2.08 -0.01	24.01 2.08 -0.01	23.72 2.02 -0.01	24.16 2.08 -0.01	25.80 2.29 -0.10	30.75 2.43 -1.03	30.82 2.32 -0.88	32.63 2.30 -2.95	29.06 2.03 -1.64	24.82 2.01 -0.01	23.25 1.78 -0.01	21.01 1.25 0.00
ASTORIA___2 24149	20.34 1.38 -0.01	18.45 1.25 -0.01	15.63 1.04 -0.01	15.58 1.02 -0.01	15.71 1.00 -0.01	19.90 1.32 -0.01	28.19 1.75 -0.65	30.04 2.20 -0.98	30.13 2.19 -2.53	27.98 2.37 -0.19	26.55 2.17 -0.01	25.48 2.12 -0.01	24.19 2.04 -0.01	23.97 2.04 -0.01	23.68 1.97 -0.01	24.11 2.03 -0.01	25.73 2.23 -0.10	30.70 2.37 -1.04	30.77 2.27 -0.89	32.58 2.25 -2.95	29.03 2.00 -1.64	24.80 1.98 -0.01	23.28 1.80 -0.01	20.98 1.21 -0.01
ASTORIA___3 23516	20.25 1.29 -0.01	18.36 1.17 -0.01	15.54 0.95 -0.01	15.49 0.93 -0.01	15.62 0.91 -0.01	19.78 1.21 -0.01	28.09 1.65 -0.65	29.95 2.12 -0.98	30.08 2.14 -2.53	30.25 2.31 -2.51	28.35 2.15 -1.83	29.30 2.10 -3.85	29.30 2.02 -5.14	29.30 2.02 -5.37	27.40 1.93 -3.78	27.40 1.99 -3.34	29.30 2.18 -3.71	35.39 2.35 -5.75	30.74 2.24 -0.88	32.52 2.19 -2.95	28.98 1.95 -1.64	24.75 1.94 -0.01	23.19 1.72 -0.01	20.88 1.11 -0.01
ASTORIA___4 23517	20.24 1.29 0.00	18.34 1.15 0.00	15.54 0.95 0.00	15.49 0.93 0.00	15.61 0.91 0.00	19.77 1.19 -0.01	28.08 1.65 -0.64	29.95 2.12 -0.98	30.08 2.13 -2.53	30.25 2.31 -2.51	28.35 2.15 -1.83	29.30 2.10 -3.85	29.30 2.02 -5.14	29.30 2.02 -5.37	27.40 1.93 -3.78	27.40 1.99 -3.34	29.35 2.22 -3.71	35.38 2.35 -5.75	30.73 2.24 -0.88	32.52 2.19 -2.95	28.98 1.95 -1.64	24.73 1.92 -0.01	23.15 1.67 -0.01	20.87 1.11 0.00
ASTORIA___5 23518	20.25 1.29 -0.01	18.34 1.15 -0.01	15.54 0.95 -0.01	15.49 0.93 -0.01	15.62 0.91 -0.01	19.78 1.21 -0.01	28.09 1.65 -0.65	29.95 2.12 -0.98	30.08 2.14 -2.53	30.25 2.31 -2.51	28.35 2.15 -1.83	29.30 2.10 -3.85	29.30 2.02 -5.14	29.30 2.02 -5.37	27.40 1.93 -3.78	27.40 1.99 -3.34	29.30 2.18 -3.71	35.39 2.35 -5.75	30.74 2.24 -0.88	32.52 2.19 -2.95	28.98 1.95 -1.64	24.75 1.94 -0.01	23.19 1.72 -0.01	20.88 1.11 -0.01
AST_ENERGY_2_CC3 323677	20.11 1.16 0.00	18.23 1.05 0.00	15.43 0.85 0.00	15.40 0.84 0.00	15.51 0.81 0.00	19.67 1.10 0.00	27.92 1.49 -0.64	29.81 1.99 -0.97	29.94 2.01 -2.52	27.80 2.19 -0.18	26.38 2.00 0.00	25.31 1.96 0.00	24.03 1.88 0.00	23.82 1.91 0.00	23.52 1.82 0.00	23.95 1.88 0.00	25.58 2.08 -0.09	30.51 2.18 -1.03	30.57 2.07 -0.88	32.35 2.03 -2.95	28.82 1.80 -1.64	24.61 1.80 0.00	23.05 1.59 0.00	20.73 0.97 0.00
AST_ENERGY_2_CC4 323678	20.11 1.16 0.00	18.23 1.05 0.00	15.43 0.85 0.00	15.40 0.84 0.00	15.51 0.81 0.00	19.67 1.10 0.00	27.92 1.49 -0.64	29.81 1.99 -0.97	29.94 2.01 -2.52	27.80 2.19 -0.18	26.38 2.00 0.00	25.31 1.96 0.00	24.03 1.88 0.00	23.82 1.91 0.00	23.52 1.82 0.00	23.95 1.88 0.00	25.58 2.08 -0.09	30.51 2.18 -1.03	30.57 2.07 -0.88	32.35 2.03 -2.95	28.82 1.80 -1.64	24.61 1.80 0.00	23.05 1.59 0.00	20.73 0.97 0.00
ATHENS_STG_1 23668	19.69 0.74 0.00	17.85 0.67 0.00	15.14 0.55 0.00	15.09 0.54 0.00	15.23 0.53 0.00	19.28 0.71 0.00	27.46 0.95 -0.72	29.14 1.21 -1.08	29.41 1.19 -2.80	26.87 1.25 -0.20	25.52 1.15 0.00	24.45 1.10 0.00	23.19 1.04 0.00	22.97 1.05 0.00	22.71 1.02 0.00	23.11 1.04 0.00	24.65 1.15 -0.10	29.72 1.28 -1.15	29.87 1.27 -0.98	31.92 1.26 -3.28	28.37 1.17 -1.82	23.90 1.09 0.00	22.41 0.94 0.00	20.34 0.57 0.00
ATHENS_STG_2 23670	19.69 0.74 0.00	17.85 0.67 0.00	15.14 0.55 0.00	15.09 0.54 0.00	15.23 0.53 0.00	19.28 0.71 0.00	27.46 0.95 -0.72	29.14 1.21 -1.08	29.41 1.19 -2.80	26.87 1.25 -0.20	25.52 1.15 0.00	24.45 1.10 0.00	23.19 1.04 0.00	22.97 1.05 0.00	22.71 1.02 0.00	23.11 1.04 0.00	24.65 1.15 -0.10	29.72 1.28 -1.15	29.87 1.27 -0.98	31.92 1.26 -3.28	28.37 1.17 -1.82	23.90 1.09 0.00	22.41 0.94 0.00	20.34 0.57 0.00

ATHENS_STG_3 23677	19.69 0.74 0.00	17.85 0.67 0.00	15.14 0.55 0.00	15.09 0.54 0.00	15.23 0.53 0.00	19.28 0.71 0.00	27.46 0.95 -0.72	29.14 1.21 -1.08	29.41 1.19 -2.80	26.87 1.25 -0.20	25.52 1.15 0.00	24.45 1.10 0.00	23.19 1.04 0.00	22.97 1.05 0.00	22.71 1.02 0.00	23.11 1.04 0.00	24.65 1.15 -0.10	29.72 1.28 -1.15	29.87 1.27 -0.98	31.92 1.26 -3.28	28.37 1.17 -1.82	23.90 1.09 0.00	22.41 0.94 0.00	20.34 0.57 0.00
AUBURN___LFGE 323710	19.31 0.36 0.00	17.46 0.27 0.00	14.82 0.23 0.00	14.79 0.23 0.00	14.95 0.25 0.00	18.87 0.30 0.00	26.28 0.41 -0.08	27.46 0.48 -0.12	26.16 0.43 -0.31	25.88 0.43 -0.02	24.86 0.49 0.00	23.84 0.49 0.00	22.64 0.49 0.00	22.40 0.48 0.00	22.15 0.46 0.00	22.52 0.44 0.00	23.82 0.40 -0.01	27.91 0.49 -0.13	28.23 0.50 -0.11	28.25 0.52 -0.35	26.03 0.46 -0.19	23.20 0.39 0.00	21.81 0.34 0.00	20.10 0.34 0.00
BABYLON_RES_REC 323704	21.51 1.74 -0.82	19.60 1.56 -0.85	17.10 1.30 -1.22	16.04 1.28 -0.21	16.20 1.28 -0.22	20.28 1.54 -0.17	29.08 2.24 -1.05	30.38 2.55 -0.97	30.56 2.62 -2.53	28.46 2.85 -0.18	28.26 2.73 -1.15	26.54 2.66 -0.53	24.73 2.52 -0.06	24.52 2.56 -0.03	25.08 2.49 -0.89	25.75 2.54 -1.14	27.73 2.76 -1.56	32.69 3.11 -2.29	33.63 3.04 -2.97	34.62 2.96 -4.29	31.78 2.77 -3.63	27.47 2.55 -2.11	24.14 2.34 -0.33	22.05 1.56 -0.73
BABYLON__69_KV_BK2 356345	22.95 1.95 -2.04	21.05 1.75 -2.12	19.06 1.44 -3.03	16.52 1.44 -0.53	16.69 1.43 -0.56	20.72 1.71 -0.44	29.97 2.53 -1.66	30.70 2.87 -0.97	30.83 2.87 -2.54	28.80 3.18 -0.19	30.27 3.05 -2.84	27.61 2.97 -1.30	25.11 2.84 -0.12	24.84 2.85 -0.07	26.66 2.78 -2.19	27.63 2.83 -2.73	30.24 3.09 -3.74	34.90 3.44 -4.17	37.05 3.37 -6.06	37.70 3.31 -7.01	35.06 3.10 -6.58	30.87 2.85 -5.21	24.81 2.53 -0.81	23.38 1.80 -1.82
BALL_HILL_WT_PWR 323825	19.54 0.59 0.00	17.70 0.52 0.00	15.05 0.47 0.00	15.05 0.49 0.00	15.20 0.50 0.00	19.02 0.45 0.00	25.35 -0.54 -0.10	26.20 -0.81 -0.16	25.41 -0.41 -0.41	25.66 0.20 -0.03	24.79 0.41 0.00	23.93 0.58 0.00	22.75 0.60 0.00	22.49 0.57 0.00	22.37 0.67 0.00	22.87 0.79 0.00	23.77 0.35 -0.01	27.21 -0.25 -0.17	27.60 -0.17 -0.14	27.42 -0.41 -0.46	25.51 -0.13 -0.25	23.29 0.48 0.00	21.72 0.26 0.00	20.32 0.55 0.00
BARON_WINDS___WT_PWR 323822	19.47 0.51 0.00	17.61 0.43 0.00	14.95 0.36 0.00	14.92 0.36 0.00	15.06 0.37 0.00	18.94 0.37 0.00	25.74 -0.18 -0.14	26.77 -0.29 -0.21	25.88 -0.08 -0.54	25.82 0.36 -0.04	24.86 0.49 0.00	23.93 0.58 0.00	22.77 0.62 0.00	22.51 0.59 0.00	22.37 0.67 0.00	22.80 0.73 0.00	23.47 0.05 -0.02	27.63 0.14 -0.21	27.94 0.14 -0.18	28.03 0.05 -0.59	25.89 0.18 -0.33	23.31 0.50 0.00	21.94 0.47 0.00	20.28 0.51 0.00
BARRETT_IC_1 23704	20.57 1.61 0.00	18.63 1.44 0.00	15.79 1.20 -0.01	15.73 1.18 0.01	15.85 1.16 0.01	19.96 1.39 0.01	28.38 1.96 -0.64	29.95 2.12 -0.97	30.12 2.19 -2.52	28.05 2.44 -0.18	26.71 2.32 -0.02	25.63 2.26 -0.01	24.35 2.19 -0.01	24.12 2.19 -0.01	23.84 2.13 -0.02	24.31 2.16 -0.07	25.89 2.36 -0.11	30.97 2.65 -1.04	31.10 2.57 -0.91	32.84 2.52 -2.94	29.34 2.29 -1.67	25.01 2.17 -0.03	23.52 2.04 -0.01	21.19 1.42 0.00
BARRETT_IC_10 23701	20.57 1.61 0.00	18.63 1.44 0.00	15.79 1.20 -0.01	15.73 1.18 0.01	15.85 1.16 0.01	19.96 1.39 0.01	28.38 1.96 -0.64	29.95 2.12 -0.97	30.12 2.19 -2.52	28.05 2.44 -0.18	26.71 2.32 -0.02	25.63 2.26 -0.01	24.35 2.19 -0.01	24.12 2.19 -0.01	23.84 2.13 -0.02	24.31 2.16 -0.07	25.89 2.36 -0.11	30.97 2.65 -1.04	31.10 2.57 -0.91	32.84 2.52 -2.94	29.34 2.29 -1.67	25.01 2.17 -0.03	23.52 2.04 -0.01	21.19 1.42 0.00
BARRETT_IC_11 23702	20.57 1.61 0.00	18.63 1.44 0.00	15.79 1.20 -0.01	15.73 1.18 0.01	15.85 1.16 0.01	19.96 1.39 0.01	28.38 1.96 -0.64	29.95 2.12 -0.97	30.12 2.19 -2.52	28.05 2.44 -0.18	26.71 2.32 -0.02	25.63 2.26 -0.01	24.35 2.19 -0.01	24.12 2.19 -0.01	23.84 2.13 -0.02	24.31 2.16 -0.07	25.89 2.36 -0.11	30.97 2.65 -1.04	31.10 2.57 -0.91	32.84 2.52 -2.94	29.34 2.29 -1.67	25.01 2.17 -0.03	23.52 2.04 -0.01	21.19 1.42 0.00
BARRETT_IC_12 23703	20.57 1.61 0.00	18.63 1.44 0.00	15.79 1.20 -0.01	15.73 1.18 0.01	15.85 1.16 0.01	19.96 1.39 0.01	28.38 1.96 -0.64	29.95 2.12 -0.97	30.12 2.19 -2.52	28.05 2.44 -0.18	26.71 2.32 -0.02	25.63 2.26 -0.01	24.35 2.19 -0.01	24.12 2.19 -0.01	23.84 2.13 -0.02	24.31 2.16 -0.07	25.89 2.36 -0.11	30.97 2.65 -1.04	31.10 2.57 -0.91	32.84 2.52 -2.94	29.34 2.29 -1.67	25.01 2.17 -0.03	23.52 2.04 -0.01	21.19 1.42 0.00
BARRETT_IC_2 23705	20.57 1.61 0.00	18.63 1.44 0.00	15.79 1.20 -0.01	15.73 1.18 0.01	15.85 1.16 0.01	19.96 1.39 0.01	28.38 1.96 -0.64	29.95 2.12 -0.97	30.12 2.19 -2.52	28.05 2.44 -0.18	26.71 2.32 -0.02	25.63 2.26 -0.01	24.35 2.19 -0.01	24.12 2.19 -0.01	23.84 2.13 -0.02	24.31 2.16 -0.07	25.89 2.36 -0.11	30.97 2.65 -1.04	31.10 2.57 -0.91	32.84 2.52 -2.94	29.34 2.29 -1.67	25.01 2.17 -0.03	23.52 2.04 -0.01	21.19 1.42 0.00
BARRETT_IC_3 23706	20.57 1.61 0.00	18.63 1.44 0.00	15.79 1.20 -0.01	15.73 1.18 0.01	15.85 1.16 0.01	19.96 1.39 0.01	28.38 1.96 -0.64	29.95 2.12 -0.97	30.12 2.19 -2.52	28.05 2.44 -0.18	26.71 2.32 -0.02	25.63 2.26 -0.01	24.35 2.19 -0.01	24.12 2.19 -0.01	23.84 2.13 -0.02	24.31 2.16 -0.07	25.89 2.36 -0.11	30.97 2.65 -1.04	31.10 2.57 -0.91	32.84 2.52 -2.94	29.34 2.29 -1.67	25.01 2.17 -0.03	23.52 2.04 -0.01	21.19 1.42 0.00
BARRETT_IC_4 23707	20.57 1.61 0.00	18.63 1.44 0.00	15.79 1.20 -0.01	15.73 1.18 0.01	15.85 1.16 0.01	19.96 1.39 0.01	28.38 1.96 -0.64	29.95 2.12 -0.97	30.12 2.19 -2.52	28.05 2.44 -0.18	26.71 2.32 -0.02	25.63 2.26 -0.01	24.35 2.19 -0.01	24.12 2.19 -0.01	23.84 2.13 -0.02	24.31 2.16 -0.07	25.89 2.36 -0.11	30.97 2.65 -1.04	31.10 2.57 -0.91	32.84 2.52 -2.94	29.34 2.29 -1.67	25.01 2.17 -0.03	23.52 2.04 -0.01	21.19 1.42 0.00
BARRETT_IC_5 23708	20.57 1.61 0.00	18.63 1.44 0.00	15.79 1.20 -0.01	15.73 1.18 0.01	15.85 1.16 0.01	19.96 1.39 0.01	28.38 1.96 -0.64	29.95 2.12 -0.97	30.12 2.19 -2.52	28.05 2.44 -0.18	26.71 2.32 -0.02	25.63 2.26 -0.01	24.35 2.19 -0.01	24.12 2.19 -0.01	23.84 2.13 -0.02	24.31 2.16 -0.07	25.89 2.36 -0.11	30.97 2.65 -1.04	31.10 2.57 -0.91	32.84 2.52 -2.94	29.34 2.29 -1.67	25.01 2.17 -0.03	23.52 2.04 -0.01	21.19 1.42 0.00
BARRETT_IC_6 23709	20.57 1.61 0.00	18.63 1.44 0.00	15.79 1.20 -0.01	15.73 1.18 0.01	15.85 1.16 0.01	19.96 1.39 0.01	28.38 1.96 -0.64	29.95 2.12 -0.97	30.12 2.19 -2.52	28.05 2.44 -0.18	26.71 2.32 -0.02	25.63 2.26 -0.01	24.35 2.19 -0.01	24.12 2.19 -0.01	23.84 2.13 -0.02	24.31 2.16 -0.07	25.89 2.36 -0.11	30.97 2.65 -1.04	31.10 2.57 -0.91	32.84 2.52 -2.94	29.34 2.29 -1.67	25.01 2.17 -0.03	23.52 2.04 -0.01	21.19 1.42 0.00

BARRETT_IC_7 23710	20.57 1.61 0.00	18.63 1.44 0.00	15.79 1.20 -0.01	15.73 1.18 0.01	15.85 1.16 0.01	19.94 1.37 0.01	28.37 1.96 -0.63	29.95 2.12 -0.97	30.09 2.16 -2.52	28.05 2.44 -0.18	26.71 2.32 -0.02	25.63 2.26 -0.01	24.34 2.19 0.00	24.11 2.19 0.00	23.84 2.13 -0.02	24.31 2.16 -0.07	25.91 2.39 -0.11	30.94 2.62 -1.03	31.09 2.57 -0.90	32.84 2.52 -2.94	29.33 2.28 -1.67	25.01 2.17 -0.03	23.45 1.97 -0.01	21.19 1.42 0.00
BARRETT_IC_8 23711	20.57 1.61 0.00	18.63 1.44 0.00	15.79 1.20 -0.01	15.73 1.18 0.01	15.85 1.16 0.01	19.96 1.39 0.01	28.38 1.96 -0.64	29.95 2.12 -0.97	30.12 2.19 -2.52	28.05 2.44 -0.18	26.71 2.32 -0.02	25.63 2.26 -0.01	24.35 2.19 -0.01	24.12 2.19 -0.01	23.84 2.13 -0.02	24.31 2.16 -0.07	25.89 2.36 -0.11	30.97 2.65 -1.04	31.10 2.57 -0.91	32.84 2.52 -2.94	29.34 2.29 -1.67	25.01 2.17 -0.03	23.52 2.04 -0.01	21.19 1.42 0.00
BARRETT_IC_9 23700	20.57 1.61 0.00	18.63 1.44 0.00	15.79 1.20 -0.01	15.73 1.18 0.01	15.85 1.16 0.01	19.96 1.39 0.01	28.38 1.96 -0.64	29.95 2.12 -0.97	30.12 2.19 -2.52	28.05 2.44 -0.18	26.71 2.32 -0.02	25.63 2.26 -0.01	24.35 2.19 -0.01	24.12 2.19 -0.01	23.84 2.13 -0.02	24.31 2.16 -0.07	25.89 2.36 -0.11	30.97 2.65 -1.04	31.10 2.57 -0.91	32.84 2.52 -2.94	29.34 2.29 -1.67	25.01 2.17 -0.03	23.52 2.04 -0.01	21.19 1.42 0.00
BARRETT___1 23545	20.57 1.61 0.00	18.63 1.44 0.00	15.79 1.20 -0.01	15.73 1.18 0.01	15.85 1.16 0.01	19.96 1.39 0.01	28.38 1.96 -0.64	29.95 2.12 -0.97	30.12 2.19 -2.52	28.05 2.44 -0.18	26.71 2.32 -0.02	25.63 2.26 -0.01	24.35 2.19 -0.01	24.12 2.19 -0.01	23.84 2.13 -0.02	24.31 2.16 -0.07	25.89 2.36 -0.11	30.97 2.65 -1.04	31.10 2.57 -0.91	32.84 2.52 -2.94	29.34 2.29 -1.67	25.01 2.17 -0.03	23.52 2.04 -0.01	21.19 1.42 0.00
BARRETT___2 23546	20.57 1.61 0.00	18.63 1.44 0.00	15.79 1.20 -0.01	15.73 1.18 0.01	15.85 1.16 0.01	19.96 1.39 0.01	28.38 1.96 -0.64	29.95 2.12 -0.97	30.12 2.19 -2.52	28.05 2.44 -0.18	26.71 2.32 -0.02	25.63 2.26 -0.01	24.35 2.19 -0.01	24.12 2.19 -0.01	23.84 2.13 -0.02	24.31 2.16 -0.07	25.89 2.36 -0.11	30.97 2.65 -1.04	31.10 2.57 -0.91	32.84 2.52 -2.94	29.34 2.29 -1.67	25.01 2.17 -0.03	23.52 2.04 -0.01	21.19 1.42 0.00
BATAVIA___115KV_TB1 55881	19.48 0.53 0.00	17.63 0.45 0.00	15.01 0.42 0.00	14.98 0.42 0.00	15.20 0.50 0.00	18.94 0.37 0.00	25.77 -0.10 -0.09	26.64 -0.35 -0.13	25.76 0.00 -0.34	25.53 0.08 -0.02	24.64 0.27 0.00	23.70 0.35 0.00	22.50 0.35 0.00	22.27 0.35 0.00	22.17 0.48 0.00	22.63 0.55 0.00	23.56 0.14 -0.01	27.59 0.16 -0.14	28.02 0.28 -0.12	27.84 0.08 -0.38	25.92 0.33 -0.21	23.13 0.32 0.00	21.61 0.15 0.00	20.30 0.53 0.00
BAYONEEC___CTG1 323682	20.13 1.18 0.00	18.25 1.07 0.00	15.45 0.86 0.00	15.40 0.84 0.00	15.52 0.82 0.00	19.67 1.10 0.00	27.95 1.52 -0.64	29.84 2.01 -0.97	29.97 2.03 -2.52	27.82 2.21 -0.18	26.40 2.02 0.00	25.36 2.01 0.00	24.05 1.91 0.00	23.85 1.93 0.00	23.54 1.84 0.00	23.97 1.90 0.00	25.61 2.11 -0.09	30.53 2.21 -1.03	30.60 2.10 -0.88	32.38 2.05 -2.95	28.85 1.83 -1.64	24.63 1.83 0.00	23.08 1.61 0.00	20.75 0.99 0.00
BAYONEEC___CTG10 323750	20.13 1.18 0.00	18.25 1.07 0.00	15.45 0.86 0.00	15.40 0.84 0.00	15.52 0.82 0.00	19.67 1.10 0.00	27.95 1.52 -0.64	29.84 2.01 -0.97	29.97 2.03 -2.52	27.82 2.21 -0.18	26.40 2.02 0.00	25.36 2.01 0.00	24.05 1.91 0.00	23.85 1.93 0.00	23.54 1.84 0.00	23.97 1.90 0.00	25.61 2.11 -0.09	30.53 2.21 -1.03	30.60 2.10 -0.88	32.38 2.05 -2.95	28.85 1.83 -1.64	24.63 1.83 0.00	23.08 1.61 0.00	20.75 0.99 0.00
BAYONEEC___CTG2 323683	20.13 1.18 0.00	18.25 1.07 0.00	15.45 0.86 0.00	15.40 0.84 0.00	15.52 0.82 0.00	19.67 1.10 0.00	27.95 1.52 -0.64	29.84 2.01 -0.97	29.97 2.03 -2.52	27.82 2.21 -0.18	26.40 2.02 0.00	25.36 2.01 0.00	24.05 1.91 0.00	23.85 1.93 0.00	23.54 1.84 0.00	23.97 1.90 0.00	25.61 2.11 -0.09	30.53 2.21 -1.03	30.60 2.10 -0.88	32.38 2.05 -2.95	28.85 1.83 -1.64	24.63 1.83 0.00	23.08 1.61 0.00	20.75 0.99 0.00
BAYONEEC___CTG3 323684	20.13 1.18 0.00	18.25 1.07 0.00	15.45 0.86 0.00	15.40 0.84 0.00	15.52 0.82 0.00	19.67 1.10 0.00	27.95 1.52 -0.64	29.84 2.01 -0.97	29.97 2.03 -2.52	27.82 2.21 -0.18	26.40 2.02 0.00	25.36 2.01 0.00	24.05 1.91 0.00	23.85 1.93 0.00	23.54 1.84 0.00	23.97 1.90 0.00	25.61 2.11 -0.09	30.53 2.21 -1.03	30.60 2.10 -0.88	32.38 2.05 -2.95	28.85 1.83 -1.64	24.63 1.83 0.00	23.08 1.61 0.00	20.75 0.99 0.00
BAYONEEC___CTG4 323685	20.13 1.18 0.00	18.25 1.07 0.00	15.45 0.86 0.00	15.40 0.84 0.00	15.52 0.82 0.00	19.67 1.10 0.00	27.95 1.52 -0.64	29.84 2.01 -0.97	29.97 2.03 -2.52	27.82 2.21 -0.18	26.40 2.02 0.00	25.36 2.01 0.00	24.05 1.91 0.00	23.85 1.93 0.00	23.54 1.84 0.00	23.97 1.90 0.00	25.61 2.11 -0.09	30.53 2.21 -1.03	30.60 2.10 -0.88	32.38 2.05 -2.95	28.85 1.83 -1.64	24.63 1.83 0.00	23.08 1.61 0.00	20.75 0.99 0.00
BAYONEEC___CTG5 323686	20.13 1.18 0.00	18.25 1.07 0.00	15.45 0.86 0.00	15.40 0.84 0.00	15.52 0.82 0.00	19.67 1.10 0.00	27.95 1.52 -0.64	29.84 2.01 -0.97	29.97 2.03 -2.52	27.82 2.21 -0.18	26.40 2.02 0.00	25.36 2.01 0.00	24.05 1.91 0.00	23.85 1.93 0.00	23.54 1.84 0.00	23.97 1.90 0.00	25.61 2.11 -0.09	30.53 2.21 -1.03	30.60 2.10 -0.88	32.38 2.05 -2.95	28.85 1.83 -1.64	24.63 1.83 0.00	23.08 1.61 0.00	20.75 0.99 0.00
BAYONEEC___CTG6 323687	20.13 1.18 0.00	18.25 1.07 0.00	15.45 0.86 0.00	15.40 0.84 0.00	15.52 0.82 0.00	19.67 1.10 0.00	27.95 1.52 -0.64	29.84 2.01 -0.97	29.97 2.03 -2.52	27.82 2.21 -0.18	26.40 2.02 0.00	25.36 2.01 0.00	24.05 1.91 0.00	23.85 1.93 0.00	23.54 1.84 0.00	23.97 1.90 0.00	25.61 2.11 -0.09	30.53 2.21 -1.03	30.60 2.10 -0.88	32.38 2.05 -2.95	28.85 1.83 -1.64	24.63 1.83 0.00	23.08 1.61 0.00	20.75 0.99 0.00
BAYONEEC___CTG7 323688	20.13 1.18 0.00	18.25 1.07 0.00	15.45 0.86 0.00	15.40 0.84 0.00	15.52 0.82 0.00	19.67 1.10 0.00	27.95 1.52 -0.64	29.84 2.01 -0.97	29.97 2.03 -2.52	27.82 2.21 -0.18	26.40 2.02 0.00	25.36 2.01 0.00	24.05 1.91 0.00	23.85 1.93 0.00	23.54 1.84 0.00	23.97 1.90 0.00	25.61 2.11 -0.09	30.53 2.21 -1.03	30.60 2.10 -0.88	32.38 2.05 -2.95	28.85 1.83 -1.64	24.63 1.83 0.00	23.08 1.61 0.00	20.75 0.99 0.00
BAYONEEC___CTG8 323689	20.13 1.18 0.00	18.25 1.07 0.00	15.45 0.86 0.00	15.40 0.84 0.00	15.52 0.82 0.00	19.67 1.10 0.00	27.95 1.52 -0.64	29.84 2.01 -0.97	29.97 2.03 -2.52	27.82 2.21 -0.18	26.40 2.02 0.00	25.36 2.01 0.00	24.05 1.91 0.00	23.85 1.93 0.00	23.54 1.84 0.00	23.97 1.90 0.00	25.61 2.11 -0.09	30.53 2.21 -1.03	30.60 2.10 -0.88	32.38 2.05 -2.95	28.85 1.83 -1.64	24.63 1.83 0.00	23.08 1.61 0.00	20.75 0.99 0.00

BAYONEEC___CTG9 323749	20.13 1.18 0.00	18.25 1.07 0.00	15.45 0.86 0.00	15.40 0.84 0.00	15.52 0.82 0.00	19.67 1.10 0.00	27.95 1.52 -0.64	29.84 2.01 -0.97	29.97 2.03 -2.52	27.82 2.21 -0.18	26.40 2.02 0.00	25.36 2.01 0.00	24.05 1.91 0.00	23.85 1.93 0.00	23.54 1.84 0.00	23.97 1.90 0.00	25.61 2.11 -0.09	30.53 2.21 -1.03	30.60 2.10 -0.88	32.38 2.05 -2.95	28.85 1.83 -1.64	24.63 1.83 0.00	23.08 1.61 0.00	20.75 0.99 0.00
BEACON___LESR 323632	19.62 0.66 0.00	17.75 0.57 0.00	15.10 0.51 0.00	15.05 0.50 0.00	15.20 0.50 0.00	19.24 0.67 0.00	27.49 0.90 -0.80	29.17 1.10 -1.21	29.60 1.04 -3.15	26.67 1.02 -0.22	25.30 0.93 0.00	24.21 0.86 0.00	22.92 0.77 0.00	22.71 0.79 0.00	22.43 0.74 0.00	22.85 0.77 0.00	24.41 0.89 -0.11	29.74 1.15 -1.31	29.92 1.19 -1.11	32.29 1.18 -3.73	28.57 1.12 -2.07	23.77 0.96 0.00	22.24 0.77 0.00	20.22 0.45 0.00
BEAVER RIVER___HYD 24048	18.99 0.04 0.00	17.25 0.07 0.00	14.66 0.07 0.00	14.61 0.06 0.00	14.79 0.09 0.00	18.72 0.15 0.00	26.17 0.36 -0.02	27.29 0.40 -0.03	25.86 0.36 -0.09	25.74 0.31 -0.01	24.69 0.32 0.00	23.58 0.23 0.00	22.32 0.18 0.00	22.05 0.13 0.00	21.80 0.11 0.00	22.21 0.13 0.00	23.53 0.12 0.00	27.46 0.14 -0.04	27.85 0.19 -0.03	27.86 0.38 -0.09	25.69 0.25 -0.05	23.06 0.25 0.00	21.72 0.26 0.00	20.04 0.28 0.00
BEEBEE_GT_13 23619	19.12 0.17 0.00	17.32 0.14 0.00	14.72 0.13 0.00	14.68 0.13 0.00	14.84 0.15 0.00	18.65 0.07 0.00	25.94 0.08 -0.07	26.86 -0.11 -0.11	25.81 0.10 -0.29	25.30 -0.15 -0.02	24.35 -0.02 0.00	23.40 0.05 0.00	22.22 0.07 0.00	21.98 0.07 0.00	21.85 0.15 0.00	22.25 0.18 0.00	23.33 -0.09 -0.01	27.65 0.25 -0.12	28.00 0.28 -0.10	27.84 0.14 -0.32	25.84 0.28 -0.18	22.78 -0.02 0.00	21.36 -0.11 0.00	19.90 0.14 0.00
BENSHRST_27_KV_BENSHRST_1 355998	20.32 1.36 0.00	18.39 1.20 0.00	15.56 0.98 0.00	15.53 0.98 0.00	15.64 0.94 0.00	19.79 1.21 -0.01	28.16 1.73 -0.64	30.09 2.26 -0.98	30.23 2.29 -2.53	30.43 2.49 -2.51	28.47 2.27 -1.83	29.44 2.24 -3.85	29.43 2.15 -5.13	29.43 2.15 -5.36	27.53 2.06 -3.78	27.53 2.12 -3.34	29.51 2.39 -3.71	35.60 2.57 -5.74	30.96 2.46 -0.88	32.74 2.41 -2.95	29.16 2.13 -1.64	24.87 2.05 -0.01	23.23 1.76 -0.01	20.91 1.15 0.00
BETHLEHEM___GRP 23843	19.28 0.32 0.00	17.46 0.27 0.00	14.88 0.29 0.00	14.83 0.28 0.00	14.96 0.26 0.00	18.91 0.33 0.00	27.00 0.41 -0.81	28.69 0.62 -1.22	29.15 0.58 -3.15	26.24 0.58 -0.22	24.89 0.51 0.00	23.82 0.47 0.00	22.57 0.42 0.00	22.36 0.44 0.00	22.11 0.41 0.00	22.49 0.42 0.00	24.06 0.54 -0.11	29.20 0.63 -1.28	29.37 0.66 -1.09	31.77 0.66 -3.73	28.06 0.61 -2.07	23.36 0.55 0.00	21.83 0.36 0.00	19.86 0.10 0.00
BETHLEHEM___GS1 323560	19.28 0.32 0.00	17.46 0.27 0.00	14.88 0.29 0.00	14.83 0.28 0.00	14.96 0.26 0.00	18.91 0.33 0.00	27.00 0.41 -0.81	28.69 0.62 -1.22	29.15 0.58 -3.15	26.24 0.59 -0.22	24.89 0.51 0.00	23.82 0.47 0.00	22.57 0.42 0.00	22.36 0.44 0.00	22.10 0.41 0.00	22.49 0.42 0.00	24.04 0.51 -0.11	29.22 0.63 -1.31	29.39 0.66 -1.11	31.77 0.66 -3.73	28.09 0.63 -2.07	23.35 0.55 0.00	21.87 0.41 0.00	19.86 0.10 0.00
BETHLEHEM___GS2 323561	19.28 0.32 0.00	17.46 0.27 0.00	14.88 0.29 0.00	14.83 0.28 0.00	14.96 0.26 0.00	18.91 0.33 0.00	27.00 0.41 -0.81	28.69 0.62 -1.22	29.15 0.58 -3.15	26.24 0.59 -0.22	24.89 0.51 0.00	23.82 0.47 0.00	22.57 0.42 0.00	22.36 0.44 0.00	22.10 0.41 0.00	22.49 0.42 0.00	24.04 0.51 -0.11	29.22 0.63 -1.31	29.39 0.66 -1.11	31.77 0.66 -3.73	28.09 0.63 -2.07	23.35 0.55 0.00	21.87 0.41 0.00	19.86 0.10 0.00
BETHLEHEM___GS3 323562	19.28 0.32 0.00	17.46 0.27 0.00	14.88 0.29 0.00	14.83 0.28 0.00	14.96 0.26 0.00	18.91 0.33 0.00	27.00 0.41 -0.81	28.69 0.62 -1.22	29.15 0.58 -3.15	26.24 0.59 -0.22	24.89 0.51 0.00	23.82 0.47 0.00	22.57 0.42 0.00	22.36 0.44 0.00	22.10 0.41 0.00	22.49 0.42 0.00	24.04 0.51 -0.11	29.22 0.63 -1.31	29.39 0.66 -1.11	31.77 0.66 -3.73	28.09 0.63 -2.07	23.35 0.55 0.00	21.87 0.41 0.00	19.86 0.10 0.00
BETHLEHEM___STEEL 23779	19.52 0.57 0.00	17.68 0.50 0.00	15.04 0.45 0.00	15.03 0.48 0.00	15.18 0.49 0.00	18.98 0.41 0.00	25.29 -0.59 -0.10	26.07 -0.94 -0.15	25.30 -0.51 -0.39	25.56 0.10 -0.03	24.67 0.29 0.00	23.82 0.47 0.00	22.64 0.49 0.00	22.38 0.46 0.00	22.26 0.56 0.00	22.74 0.66 0.00	23.63 0.21 -0.01	27.04 -0.41 -0.16	27.46 -0.30 -0.14	27.28 -0.55 -0.44	25.40 -0.23 -0.25	23.17 0.36 0.00	21.61 0.15 0.00	20.32 0.55 0.00
BETHLHEM_115KV_TB1 79974	19.33 0.38 0.00	17.53 0.34 0.00	14.91 0.32 0.00	14.87 0.32 0.00	15.01 0.31 0.00	18.96 0.39 0.00	27.08 0.49 -0.81	28.77 0.70 -1.22	29.22 0.66 -3.15	26.31 0.66 -0.22	24.96 0.59 0.00	23.89 0.54 0.00	22.64 0.49 0.00	22.42 0.50 0.00	22.17 0.48 0.00	22.58 0.51 0.00	24.13 0.61 -0.11	29.28 0.71 -1.28	29.45 0.75 -1.09	31.85 0.74 -3.73	28.14 0.69 -2.07	23.42 0.62 0.00	21.92 0.45 0.00	19.94 0.18 0.00
BETHPAGE_CC_5 323564	20.89 1.71 -0.23	18.94 1.51 -0.24	16.19 1.25 -0.35	15.86 1.25 -0.05	15.99 1.23 -0.06	20.10 1.49 -0.04	28.63 2.09 -0.76	30.14 2.31 -0.97	30.32 2.39 -2.52	28.23 2.62 -0.18	27.22 2.51 -0.34	25.96 2.45 -0.16	24.56 2.39 -0.02	24.32 2.39 -0.01	24.28 2.32 -0.26	24.83 2.38 -0.37	26.46 2.53 -0.52	31.52 2.84 -1.39	31.89 2.79 -1.48	33.11 2.71 -3.02	30.12 2.51 -2.22	25.77 2.35 -0.61	23.73 2.17 -0.10	21.45 1.48 -0.20
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	19.60 0.64 0.00	17.73 0.55 0.00	15.10 0.51 0.00	15.08 0.52 0.00	15.24 0.54 0.00	19.05 0.48 0.00	25.24 -0.64 -0.10	26.04 -0.97 -0.15	25.28 -0.53 -0.40	25.66 0.20 -0.03	24.79 0.41 0.00	23.93 0.58 0.00	22.75 0.60 0.00	22.49 0.57 0.00	22.37 0.67 0.00	22.85 0.77 0.00	23.77 0.35 -0.01	27.05 -0.41 -0.17	27.46 -0.30 -0.14	27.28 -0.55 -0.45	25.38 -0.25 -0.25	23.29 0.48 0.00	21.72 0.26 0.00	20.39 0.63 0.00
BINGHAMTON___COGEN 23790	19.39 0.44 0.00	17.56 0.38 0.00	14.91 0.32 0.00	14.87 0.32 0.00	15.02 0.32 0.00	18.94 0.37 0.00	26.24 0.26 -0.20	27.40 0.24 -0.30	26.51 0.30 -0.79	25.97 0.48 -0.06	24.89 0.51 0.00	23.89 0.54 0.00	22.68 0.53 0.00	22.44 0.53 0.00	22.24 0.54 0.00	22.63 0.55 0.00	23.93 0.49 -0.03	27.96 0.35 -0.32	28.22 0.33 -0.27	28.57 0.33 -0.86	26.19 0.33 -0.48	23.29 0.48 0.00	21.83 0.36 0.00	20.16 0.40 0.00
BIXINCNT_115KV_LOAD 355685	19.69 0.74 0.00	17.80 0.62 0.00	15.14 0.55 0.00	15.12 0.57 0.00	15.26 0.56 0.00	19.07 0.50 0.00	24.94 -0.95 -0.11	25.81 -1.21 -0.16	25.07 -0.76 -0.42	25.89 0.43 -0.03	25.03 0.66 0.00	24.19 0.84 0.00	23.01 0.86 0.00	22.73 0.81 0.00	22.58 0.89 0.00	23.11 1.04 0.00	24.03 0.61 -0.01	26.97 -0.49 -0.17	27.38 -0.39 -0.15	27.19 -0.66 -0.47	25.24 -0.41 -0.26	23.51 0.71 0.00	21.94 0.47 0.00	20.53 0.77 0.00

BLACK RIVER___HYD 24047	19.37 0.42 0.00	17.58 0.40 0.00	14.94 0.35 0.00	14.87 0.32 0.00	15.08 0.38 0.00	19.09 0.52 0.00	26.67 0.85 -0.04	27.77 0.86 -0.06	26.25 0.69 -0.15	26.05 0.61 -0.01	24.99 0.61 0.00	23.86 0.51 0.00	22.61 0.47 0.00	22.31 0.39 0.00	22.08 0.39 0.00	22.52 0.44 0.00	23.81 0.40 -0.01	27.95 0.60 -0.06	28.39 0.72 -0.05	28.56 1.01 -0.17	26.26 0.79 -0.09	23.45 0.64 0.00	22.11 0.64 0.00	20.43 0.67 0.00
BLACKRVR_115KV_TB2 79977	19.37 0.42 0.00	17.58 0.40 0.00	14.94 0.35 0.00	14.87 0.32 0.00	15.08 0.38 0.00	19.09 0.52 0.00	26.67 0.85 -0.04	27.77 0.86 -0.06	26.25 0.69 -0.15	26.05 0.61 -0.01	24.99 0.61 0.00	23.86 0.51 0.00	22.61 0.47 0.00	22.31 0.39 0.00	22.08 0.39 0.00	22.52 0.44 0.00	23.91 0.49 -0.01	28.09 0.74 -0.06	28.56 0.88 -0.05	28.70 1.15 -0.17	26.39 0.91 -0.09	23.54 0.73 0.00	22.04 0.58 0.00	20.43 0.67 0.00
BLISS_WT_PWR 323608	19.67 0.72 0.00	17.79 0.60 0.00	15.10 0.51 0.00	15.09 0.54 0.00	15.20 0.50 0.00	19.02 0.44 0.00	24.86 -1.03 -0.11	25.78 -1.23 -0.16	25.02 -0.81 -0.42	25.89 0.43 -0.03	25.03 0.66 0.00	24.19 0.84 0.00	23.04 0.89 0.00	22.73 0.81 0.00	22.56 0.87 0.00	23.09 1.02 0.00	22.98 -0.45 -0.01	27.05 -0.41 -0.16	27.46 -0.30 -0.14	27.25 -0.60 -0.47	25.29 -0.36 -0.26	23.45 0.64 0.00	22.11 0.64 0.00	20.49 0.73 0.00
BLUESTONE___WT_PWR 323821	20.05 1.10 0.00	18.18 1.00 0.00	15.43 0.85 0.00	15.37 0.81 0.00	15.58 0.88 0.00	19.70 1.13 0.00	27.43 1.42 -0.23	28.79 1.58 -0.35	27.79 1.47 -0.90	27.07 1.58 -0.06	25.86 1.49 0.00	24.73 1.38 0.00	23.46 1.31 0.00	23.12 1.20 0.00	22.91 1.21 0.00	23.38 1.30 0.00	24.65 1.22 -0.03	29.18 1.58 -0.31	29.60 1.71 -0.26	30.15 1.89 -0.88	27.52 1.65 -0.49	24.38 1.57 0.00	22.86 1.39 0.00	21.05 1.28 0.00
BLUE_CIRC_CHEM_DRP 24182	19.64 0.68 0.00	17.77 0.58 0.00	15.11 0.53 0.00	15.06 0.51 0.00	15.20 0.50 0.00	19.22 0.65 0.00	27.43 0.85 -0.79	29.09 1.05 -1.19	29.50 0.99 -3.09	26.62 0.97 -0.22	25.25 0.88 0.00	24.19 0.84 0.00	22.90 0.75 0.00	22.69 0.77 0.00	22.43 0.74 0.00	22.85 0.77 0.00	24.41 0.89 -0.11	29.58 1.04 -1.26	29.79 1.10 -1.07	32.13 1.10 -3.66	28.45 1.04 -2.03	23.74 0.94 0.00	22.22 0.75 0.00	20.24 0.47 0.00
BOC_GAS_DRP 24189	19.48 0.53 0.00	17.67 0.48 0.00	15.00 0.41 0.00	14.96 0.41 0.00	15.09 0.40 0.00	19.07 0.50 0.00	27.26 0.67 -0.80	28.95 0.89 -1.21	29.40 0.84 -3.14	26.52 0.86 -0.22	25.16 0.78 0.00	24.10 0.75 0.00	22.86 0.71 0.00	22.62 0.70 0.00	22.39 0.69 0.00	22.78 0.71 0.00	24.34 0.82 -0.11	29.49 0.93 -1.28	29.65 0.94 -1.09	32.00 0.90 -3.71	28.31 0.86 -2.06	23.61 0.80 0.00	22.09 0.62 0.00	20.12 0.36 0.00
BOONVILLE_115KV_TB1 79983	19.28 0.32 0.00	17.48 0.29 0.00	14.85 0.26 0.00	14.80 0.25 0.00	14.98 0.28 0.00	18.94 0.37 0.00	26.37 0.57 -0.02	27.42 0.54 -0.03	26.06 0.56 -0.08	25.97 0.53 -0.01	24.89 0.51 0.00	23.77 0.42 0.00	22.55 0.40 0.00	22.27 0.35 0.00	22.04 0.35 0.00	22.43 0.35 0.00	23.81 0.40 0.00	27.81 0.49 -0.03	28.20 0.55 -0.03	28.15 0.68 -0.08	25.99 0.56 -0.05	23.31 0.50 0.00	21.87 0.41 0.00	20.26 0.49 0.00
BORALEX_4TH_BRANCH 23824	19.98 1.02 0.00	18.10 0.91 0.00	15.33 0.74 0.00	15.30 0.74 0.00	15.43 0.73 0.00	19.56 0.98 0.00	27.95 1.37 -0.80	29.68 1.61 -1.21	30.05 1.50 -3.14	27.15 1.50 -0.22	25.74 1.37 0.00	24.61 1.26 0.00	23.34 1.20 0.00	23.12 1.21 0.00	22.87 1.17 0.00	23.27 1.19 0.00	24.88 1.36 -0.11	30.23 1.66 -1.28	30.42 1.71 -1.08	32.77 1.67 -3.72	29.02 1.57 -2.07	24.20 1.39 0.00	22.62 1.16 0.00	20.53 0.77 0.00
BOWLINE___1 23526	19.94 0.98 0.00	18.06 0.88 0.00	15.30 0.71 0.00	15.27 0.71 0.00	15.39 0.69 0.00	19.48 0.91 0.00	27.66 1.26 -0.61	29.44 1.67 -0.92	29.44 1.65 -2.38	27.38 1.78 -0.17	26.01 1.63 0.00	24.94 1.59 0.00	23.68 1.53 0.00	23.45 1.53 0.00	23.17 1.48 0.00	23.60 1.52 0.00	25.18 1.69 -0.08	30.12 1.86 -0.97	30.24 1.79 -0.83	31.91 1.75 -2.78	28.47 1.55 -1.54	24.34 1.53 0.00	22.75 1.29 0.00	20.55 0.79 0.00
BOWLINE___2 23595	19.94 0.98 0.00	18.06 0.88 0.00	15.30 0.71 0.00	15.27 0.71 0.00	15.39 0.69 0.00	19.48 0.91 0.00	27.66 1.26 -0.61	29.44 1.67 -0.92	29.44 1.65 -2.38	27.38 1.78 -0.17	26.01 1.63 0.00	24.94 1.59 0.00	23.68 1.53 0.00	23.45 1.53 0.00	23.17 1.48 0.00	23.60 1.52 0.00	25.18 1.69 -0.08	30.12 1.86 -0.97	30.24 1.79 -0.83	31.91 1.75 -2.78	28.47 1.55 -1.54	24.34 1.53 0.00	22.75 1.29 0.00	20.55 0.79 0.00
BRADY___115KV_TB2 356060	18.82 -0.13 0.00	17.13 -0.05 0.00	14.59 0.00 0.00	14.55 0.00 0.00	14.71 0.01 0.00	18.59 0.02 0.00	25.84 0.05 0.00	26.99 0.13 0.00	25.54 0.13 0.00	25.53 0.10 0.00	24.52 0.15 0.00	23.40 0.05 0.00	22.15 0.00 0.00	21.87 -0.04 0.00	21.63 -0.07 0.00	22.01 -0.07 0.00	23.29 -0.12 0.00	27.15 -0.14 0.00	27.56 -0.06 0.00	27.41 0.03 0.00	25.41 0.03 0.00	22.92 0.11 0.00	21.68 0.21 0.00	19.96 0.20 0.00
BRANSCOMB___SOLAR 323811	20.09 1.14 0.00	18.18 1.00 0.00	15.40 0.82 0.00	15.37 0.81 0.00	15.52 0.82 0.00	19.69 1.11 0.00	28.21 1.60 -0.82	29.92 1.83 -1.24	30.31 1.68 -3.22	27.24 1.58 -0.23	25.86 1.49 0.00	24.75 1.40 0.00	23.41 1.26 0.00	23.19 1.27 0.00	22.93 1.24 0.00	23.29 1.21 0.00	24.86 1.33 -0.12	30.30 1.66 -1.35	30.51 1.74 -1.15	32.95 1.73 -3.85	29.25 1.73 -2.14	24.31 1.50 0.00	22.82 1.35 0.00	20.69 0.93 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	22.87 1.84 -2.08	20.97 1.63 -2.15	19.03 1.36 -3.08	16.44 1.35 -0.54	16.61 1.34 -0.57	20.64 1.62 -0.45	29.84 2.37 -1.68	30.59 2.77 -0.97	30.70 2.74 -2.54	28.68 3.05 -0.19	30.19 2.93 -2.89	27.49 2.83 -1.32	25.00 2.72 -0.13	24.71 2.72 -0.07	26.57 2.65 -2.23	27.54 2.69 -2.77	30.16 2.95 -3.80	34.79 3.27 -4.22	36.95 3.18 -6.15	37.55 3.09 -7.07	35.00 2.94 -6.67	30.83 2.71 -5.30	24.72 2.43 -0.83	23.29 1.68 -1.85
BRISTLHL_115KV_TB1 79998	19.33 0.38 0.00	17.51 0.33 0.00	14.85 0.26 0.00	14.82 0.26 0.00	14.98 0.28 0.00	18.91 0.33 0.00	26.38 0.54 -0.05	27.23 0.30 -0.08	25.86 0.23 -0.21	25.62 0.18 -0.02	24.64 0.27 0.00	23.63 0.28 0.00	22.44 0.29 0.00	22.18 0.26 0.00	21.98 0.28 0.00	22.34 0.26 0.00	23.63 0.21 -0.01	27.71 0.33 -0.09	28.00 0.30 -0.08	27.98 0.36 -0.24	25.82 0.30 -0.13	23.01 0.21 0.00	21.64 0.17 0.00	20.16 0.40 0.00
BROOKHAVEN___DRP 24191	29.84 1.90 -8.99	28.20 1.70 -9.31	29.32 1.41 -13.32	18.32 1.41 -2.35	18.60 1.40 -2.51	22.21 1.67 -1.96	33.41 2.45 -5.17	30.70 2.87 -0.97	30.92 2.87 -2.63	28.83 3.15 -0.25	39.83 3.02 -12.44	31.93 2.92 -5.66	25.50 2.79 -0.56	25.03 2.81 -0.31	34.00 2.71 -9.59	36.59 2.76 -11.75	42.55 3.07 -16.07	45.49 3.36 -14.84	54.50 3.26 -23.62	52.87 3.18 -22.31	51.67 3.00 -23.30	48.42 2.78 -22.83	27.50 2.49 -3.55	29.48 1.72 -7.99

BROOKLYN_NAVY_YARD 23515	20.11 1.16 0.00	18.23 1.05 0.00	15.43 0.85 0.00	15.38 0.83 0.00	15.51 0.81 0.00	19.65 1.08 0.00	27.92 1.49 -0.64	29.84 2.01 -0.97	29.99 2.06 -2.52	27.85 2.24 -0.18	26.40 2.02 0.00	25.33 1.98 0.00	24.05 1.91 0.00	23.82 1.91 0.00	23.52 1.82 0.00	23.95 1.88 0.00	25.61 2.11 -0.09	30.53 2.21 -1.03	30.60 2.10 -0.88	32.38 2.05 -2.95	28.82 1.80 -1.64	24.63 1.83 0.00	23.08 1.61 0.00	20.73 0.97 0.00
BROOKLYN___ARMY_DRP 323595	20.24 1.29 0.00	18.34 1.15 0.00	15.52 0.93 0.00	15.47 0.92 0.00	15.59 0.90 0.00	19.73 1.15 -0.01	28.08 1.65 -0.64	29.98 2.15 -0.98	30.13 2.19 -2.53	30.33 2.39 -2.51	28.37 2.17 -1.83	29.34 2.15 -3.85	29.34 2.06 -5.13	29.34 2.06 -5.36	27.44 1.97 -3.78	27.44 2.03 -3.34	29.41 2.29 -3.71	35.46 2.43 -5.74	30.85 2.35 -0.88	32.63 2.30 -2.95	29.03 2.01 -1.64	24.78 1.96 -0.01	23.15 1.67 -0.01	20.85 1.09 0.00
BROOKVLE_69_KV_TB1 55790	20.64 1.57 -0.11	18.71 1.41 -0.11	15.90 1.15 -0.17	15.72 1.15 -0.02	15.85 1.13 -0.02	19.96 1.37 -0.02	28.48 2.01 -0.69	30.13 2.31 -0.97	30.27 2.34 -2.52	28.20 2.59 -0.18	27.03 2.49 -0.17	25.84 2.41 -0.08	24.48 2.33 0.00	24.24 2.32 0.00	24.08 2.26 -0.13	24.58 2.30 -0.21	26.22 2.50 -0.30	31.16 2.67 -1.20	31.39 2.60 -1.17	32.90 2.55 -2.97	29.62 2.31 -1.93	25.37 2.26 -0.31	23.49 1.97 -0.05	21.24 1.38 -0.10
BROOME_2_LFGE 323671	19.39 0.44 0.00	17.56 0.38 0.00	14.91 0.32 0.00	14.87 0.32 0.00	15.02 0.32 0.00	18.94 0.37 0.00	26.24 0.26 -0.20	27.40 0.24 -0.30	26.51 0.31 -0.79	25.97 0.48 -0.06	24.89 0.51 0.00	23.89 0.54 0.00	22.68 0.53 0.00	22.44 0.53 0.00	22.24 0.54 0.00	22.63 0.55 0.00	23.74 0.30 -0.03	27.97 0.38 -0.30	28.23 0.36 -0.26	28.59 0.36 -0.86	26.21 0.36 -0.48	23.29 0.48 0.00	21.89 0.43 0.00	20.16 0.40 0.00
BROOME___LFGE 323600	19.39 0.44 0.00	17.56 0.38 0.00	14.91 0.32 0.00	14.87 0.32 0.00	15.02 0.32 0.00	18.94 0.37 0.00	26.24 0.26 -0.20	27.40 0.24 -0.30	26.51 0.31 -0.79	25.97 0.48 -0.06	24.89 0.51 0.00	23.89 0.54 0.00	22.68 0.53 0.00	22.44 0.53 0.00	22.24 0.54 0.00	22.63 0.55 0.00	23.74 0.30 -0.03	27.97 0.38 -0.30	28.23 0.36 -0.26	28.59 0.36 -0.86	26.21 0.36 -0.48	23.29 0.48 0.00	21.89 0.43 0.00	20.16 0.40 0.00
BROWNFLS_115KV_TB_3_5 80003	18.86 -0.09 0.00	17.15 -0.03 0.00	14.59 0.00 0.00	14.55 0.00 0.00	14.73 0.03 0.00	18.63 0.06 0.00	26.03 0.23 -0.02	27.17 0.30 -0.02	25.76 0.28 -0.06	25.66 0.23 0.00	24.62 0.24 0.00	23.51 0.16 0.00	22.26 0.11 0.00	21.96 0.04 0.00	21.69 0.00 0.00	22.10 0.02 0.00	23.41 0.00 0.00	27.24 -0.08 -0.03	27.62 -0.03 -0.02	27.56 0.11 -0.07	25.47 0.05 -0.04	22.97 0.16 0.00	21.66 0.19 0.00	19.96 0.20 0.00
BROWNSV1_27_KV_LOAD 356125	20.30 1.35 0.00	18.37 1.19 0.00	15.55 0.96 0.00	15.50 0.95 0.00	15.62 0.93 0.00	19.78 1.21 0.00	28.13 1.70 -0.64	30.05 2.23 -0.97	30.17 2.24 -2.52	28.05 2.44 -0.18	26.62 2.24 0.00	25.54 2.19 0.00	24.25 2.10 0.00	24.02 2.10 0.00	23.71 2.02 0.00	24.15 2.08 0.00	25.84 2.34 -0.09	30.77 2.46 -1.02	30.84 2.35 -0.87	32.63 2.30 -2.95	29.07 2.06 -1.64	24.84 2.03 0.00	23.20 1.74 0.00	20.89 1.13 0.00
BURROWS___LYONSDAL 23803	19.22 0.27 0.00	17.44 0.26 0.00	14.82 0.23 0.00	14.76 0.20 0.00	14.95 0.25 0.00	18.91 0.33 0.00	26.35 0.54 -0.02	27.42 0.54 -0.03	26.03 0.53 -0.08	25.94 0.51 -0.01	24.86 0.49 0.00	23.75 0.40 0.00	22.50 0.35 0.00	22.23 0.31 0.00	22.00 0.30 0.00	22.41 0.33 0.00	23.76 0.35 0.00	27.79 0.46 -0.03	28.15 0.50 -0.03	28.12 0.66 -0.08	25.94 0.51 -0.05	23.29 0.48 0.00	21.85 0.39 0.00	20.22 0.45 0.00
CAITHNESS_CC_1 323624	29.71 1.82 -8.94	28.09 1.65 -9.26	29.20 1.37 -13.24	18.26 1.37 -2.34	18.53 1.34 -2.50	22.16 1.63 -1.95	33.31 2.37 -5.16	30.59 2.77 -0.97	30.84 2.80 -2.63	28.73 3.05 -0.25	39.64 2.90 -12.36	31.80 2.82 -5.62	25.39 2.68 -0.56	24.93 2.70 -0.32	33.85 2.62 -9.54	36.43 2.67 -11.68	42.31 2.93 -15.98	45.28 3.22 -14.77	54.26 3.15 -23.49	52.65 3.07 -22.21	51.45 2.89 -23.17	48.20 2.69 -22.70	27.46 2.47 -3.53	29.37 1.66 -7.95
CALPINE BETH_PAGE_GT4 24209	20.89 1.71 -0.23	18.93 1.51 -0.24	16.18 1.25 -0.34	15.86 1.25 -0.05	15.99 1.23 -0.05	20.08 1.47 -0.04	28.54 2.01 -0.74	30.03 2.20 -0.97	30.20 2.26 -2.52	28.13 2.52 -0.18	27.12 2.41 -0.33	25.86 2.36 -0.16	24.51 2.35 -0.01	24.27 2.35 -0.01	24.23 2.28 -0.26	24.76 2.32 -0.37	26.41 2.48 -0.52	31.40 2.73 -1.38	31.74 2.65 -1.47	33.00 2.60 -3.01	29.98 2.39 -2.21	25.63 2.21 -0.61	23.62 2.06 -0.10	21.39 1.42 -0.20
CALPINE_BETH_PAGE_GT_4 323586	20.89 1.71 -0.23	18.93 1.51 -0.24	16.18 1.25 -0.34	15.86 1.25 -0.05	15.99 1.23 -0.06	20.10 1.49 -0.04	28.55 2.01 -0.75	30.03 2.20 -0.97	30.22 2.29 -2.52	28.13 2.52 -0.18	27.12 2.41 -0.33	25.86 2.36 -0.16	24.49 2.32 -0.02	24.28 2.35 -0.01	24.23 2.28 -0.26	24.76 2.32 -0.37	26.36 2.43 -0.52	31.40 2.73 -1.39	31.75 2.65 -1.48	33.00 2.60 -3.02	29.98 2.39 -2.21	25.65 2.24 -0.61	23.67 2.10 -0.10	21.39 1.42 -0.20
CALPINE_BP_GT1 23823	20.89 1.71 -0.23	18.93 1.51 -0.24	16.18 1.25 -0.34	15.86 1.25 -0.05	15.99 1.23 -0.06	20.10 1.49 -0.04	28.55 2.01 -0.75	30.03 2.20 -0.97	30.22 2.29 -2.52	28.13 2.52 -0.18	27.12 2.41 -0.33	25.86 2.36 -0.16	24.49 2.32 -0.02	24.28 2.35 -0.01	24.23 2.28 -0.26	24.76 2.32 -0.37	26.36 2.43 -0.52	31.40 2.73 -1.39	31.75 2.65 -1.48	33.00 2.60 -3.02	29.98 2.39 -2.21	25.65 2.24 -0.61	23.67 2.10 -0.10	21.39 1.42 -0.20
CALSPAN___DRP 24200	19.52 0.57 0.00	17.68 0.50 0.00	15.04 0.45 0.00	15.03 0.48 0.00	15.18 0.49 0.00	18.98 0.41 0.00	25.29 -0.59 -0.10	26.07 -0.94 -0.15	25.30 -0.51 -0.39	25.56 0.10 -0.03	24.67 0.29 0.00	23.82 0.47 0.00	22.64 0.49 0.00	22.38 0.46 0.00	22.26 0.56 0.00	22.74 0.66 0.00	23.63 0.21 -0.01	27.04 -0.41 -0.16	27.46 -0.30 -0.14	27.28 -0.55 -0.44	25.40 -0.23 -0.25	23.17 0.36 0.00	21.61 0.15 0.00	20.32 0.55 0.00
CALVERTON___SOLAR 323806	29.94 1.97 -9.01	28.29 1.77 -9.34	29.42 1.47 -13.35	18.38 1.47 -2.36	18.67 1.46 -2.52	22.30 1.77 -1.97	33.53 2.55 -5.20	30.83 3.01 -0.97	31.09 3.05 -2.63	28.98 3.30 -0.25	40.01 3.17 -12.47	32.08 3.06 -5.67	25.62 2.90 -0.57	25.15 2.92 -0.32	34.15 2.84 -9.62	36.75 2.89 -11.78	42.68 3.16 -16.11	45.67 3.49 -14.89	54.72 3.42 -23.68	53.08 3.34 -22.36	51.88 3.15 -23.35	48.64 2.94 -22.89	27.71 2.68 -3.56	29.57 1.80 -8.01
CANDIGU_WT_PWR 323617	19.47 0.51 0.00	17.61 0.43 0.00	14.95 0.36 0.00	14.92 0.36 0.00	15.06 0.37 0.00	18.94 0.37 0.00	25.74 -0.18 -0.14	26.77 -0.29 -0.21	25.88 -0.08 -0.54	25.82 0.36 -0.04	24.86 0.49 0.00	23.93 0.58 0.00	22.77 0.62 0.00	22.51 0.59 0.00	22.37 0.67 0.00	22.80 0.73 0.00	23.47 0.05 -0.02	27.63 0.14 -0.21	27.94 0.14 -0.18	28.03 0.05 -0.59	25.89 0.18 -0.33	23.31 0.50 0.00	21.94 0.47 0.00	20.28 0.51 0.00

CARR STREET_E__SYR 24060	18.99 0.04 0.00	17.20 0.02 0.00	14.59 0.00 0.00	14.55 0.00 0.00	14.71 0.01 0.00	18.57 0.00 0.00	25.79 -0.05 -0.06	26.65 -0.29 -0.09	25.31 -0.33 -0.23	25.07 -0.38 -0.02	24.08 -0.29 0.00	23.14 -0.21 0.00	21.99 -0.15 0.00	21.77 -0.15 0.00	21.56 -0.13 0.00	21.92 -0.15 0.00	23.14 -0.28 -0.01	27.05 -0.33 -0.09	27.34 -0.36 -0.08	27.28 -0.36 -0.26	25.19 -0.33 -0.14	22.54 -0.27 0.00	21.29 -0.17 0.00	19.74 -0.02 0.00
CARTHAGE__PAPER 23857	19.10 0.15 0.00	17.34 0.15 0.00	14.73 0.15 0.00	14.68 0.13 0.00	14.87 0.18 0.00	18.83 0.26 0.00	26.36 0.54 -0.03	27.49 0.59 -0.05	26.02 0.48 -0.13	25.87 0.43 -0.01	24.79 0.41 0.00	23.68 0.33 0.00	22.44 0.29 0.00	22.14 0.22 0.00	21.89 0.19 0.00	22.32 0.24 0.00	23.65 0.23 0.00	27.67 0.33 -0.05	28.08 0.41 -0.04	28.17 0.66 -0.14	25.94 0.48 -0.08	23.22 0.41 0.00	21.87 0.41 0.00	20.18 0.42 0.00
CASSADAGA_WT_PWR 323784	19.62 0.66 0.00	17.77 0.58 0.00	15.14 0.55 0.00	15.15 0.60 0.00	15.30 0.60 0.00	19.13 0.56 0.00	25.40 -0.49 -0.11	26.32 -0.70 -0.16	25.58 -0.25 -0.42	25.99 0.53 -0.03	25.16 0.78 0.00	24.31 0.96 0.00	23.12 0.97 0.00	22.84 0.92 0.00	22.73 1.04 0.00	23.24 1.17 0.00	23.49 0.07 -0.01	27.65 0.19 -0.16	28.06 0.30 -0.14	27.82 -0.03 -0.47	25.80 0.15 -0.26	23.58 0.78 0.00	22.17 0.71 0.00	20.51 0.75 0.00
CE_DUNWOOD__DRP 24194	20.07 1.12 0.00	18.18 1.00 0.00	15.40 0.82 0.00	15.35 0.80 0.00	15.48 0.78 0.00	19.59 1.02 0.00	27.87 1.44 -0.64	29.70 1.88 -0.97	29.77 1.86 -2.51	27.62 2.01 -0.18	26.23 1.85 0.00	25.15 1.80 0.00	23.90 1.75 0.00	23.65 1.73 0.00	23.36 1.67 0.00	23.80 1.72 0.00	25.42 1.92 -0.09	30.38 2.07 -1.02	30.50 2.02 -0.87	32.28 1.97 -2.93	28.76 1.75 -1.63	24.50 1.69 0.00	22.90 1.44 0.00	20.67 0.91 0.00
CE_MILLWOOD__DRP 24193	20.03 1.08 0.00	18.15 0.96 0.00	15.38 0.79 0.00	15.33 0.77 0.00	15.45 0.75 0.00	19.56 0.98 0.00	27.81 1.39 -0.64	29.61 1.80 -0.96	29.71 1.80 -2.49	27.54 1.93 -0.18	26.16 1.78 0.00	25.08 1.73 0.00	23.83 1.68 0.00	23.58 1.67 0.00	23.30 1.61 0.00	23.73 1.66 0.00	25.35 1.85 -0.09	30.29 1.99 -1.01	30.41 1.93 -0.86	32.21 1.92 -2.91	28.70 1.70 -1.62	24.45 1.64 0.00	22.84 1.37 0.00	20.63 0.87 0.00
CE_NYC2_DRP 24202	20.24 1.29 0.00	18.34 1.15 0.00	15.52 0.93 0.00	15.49 0.93 0.00	15.61 0.91 0.00	19.77 1.19 -0.01	28.08 1.65 -0.64	29.95 2.12 -0.98	30.08 2.13 -2.53	30.28 2.34 -2.51	28.35 2.15 -1.83	29.30 2.10 -3.85	29.30 2.02 -5.14	29.30 2.02 -5.37	27.42 1.95 -3.78	27.40 1.99 -3.34	29.35 2.22 -3.71	35.38 2.35 -5.75	30.73 2.24 -0.88	32.52 2.19 -2.95	28.98 1.95 -1.64	24.73 1.92 -0.01	23.13 1.65 -0.01	20.85 1.09 0.00
CE_NYC_DRP 24195	20.17 1.21 0.00	18.27 1.08 0.00	15.46 0.88 0.00	15.41 0.86 0.00	15.53 0.84 0.00	19.67 1.10 0.00	28.00 1.57 -0.64	29.87 2.04 -0.97	30.02 2.08 -2.52	27.87 2.26 -0.18	26.45 2.07 0.00	25.38 2.03 0.00	24.12 1.97 0.00	23.87 1.95 0.00	23.58 1.89 0.00	24.00 1.92 0.00	25.67 2.18 -0.09	30.58 2.27 -1.02	30.64 2.15 -0.87	32.43 2.11 -2.95	28.87 1.85 -1.64	24.63 1.82 0.00	23.05 1.59 0.00	20.77 1.01 0.00
CHAFFEE__LFGE 323603	19.60 0.64 0.00	17.73 0.55 0.00	15.08 0.50 0.00	15.08 0.52 0.00	15.21 0.51 0.00	19.05 0.48 0.00	25.30 -0.59 -0.10	26.12 -0.89 -0.16	25.36 -0.46 -0.41	25.69 0.23 -0.03	24.79 0.41 0.00	23.93 0.58 0.00	22.77 0.62 0.00	22.49 0.57 0.00	22.37 0.67 0.00	22.85 0.77 0.00	23.12 -0.30 -0.01	27.18 -0.27 -0.16	27.59 -0.16 -0.14	27.43 -0.41 -0.46	25.51 -0.13 -0.25	23.24 0.43 0.00	21.92 0.45 0.00	20.35 0.59 0.00
CHATEAUG_35_KV_LOAD 355732	18.69 -0.27 0.00	17.08 -0.10 0.00	14.57 -0.01 0.00	14.61 0.06 0.00	14.77 0.07 0.00	18.72 0.15 0.00	26.02 0.23 0.00	27.26 0.40 0.00	25.90 0.48 0.00	25.91 0.48 0.00	24.94 0.56 0.00	23.79 0.44 0.00	22.48 0.33 0.00	22.20 0.28 0.00	21.98 0.28 0.00	22.36 0.29 0.00	23.71 0.30 0.00	27.59 0.30 0.00	27.98 0.36 0.00	27.65 0.27 0.00	25.69 0.30 0.00	23.15 0.34 0.00	21.89 0.43 0.00	20.08 0.32 0.00
CHATEAUG_WT_PWR 323614	18.71 -0.25 0.00	17.08 -0.10 0.00	14.59 0.00 0.00	14.63 0.07 0.00	14.80 0.10 0.00	18.70 0.13 0.00	26.02 0.23 0.00	27.36 0.51 0.00	26.00 0.58 0.00	26.04 0.61 0.00	25.03 0.66 0.00	23.89 0.54 0.00	22.57 0.42 0.00	22.31 0.39 0.00	22.08 0.39 0.00	22.47 0.40 0.00	23.81 0.40 0.00	27.70 0.41 0.00	27.98 0.36 0.00	27.68 0.30 0.00	25.69 0.31 0.00	23.20 0.39 0.00	21.85 0.39 0.00	20.10 0.34 0.00
CHAT_HIGH_FALL_HYD 323578	18.69 -0.27 0.00	17.08 -0.10 0.00	14.57 -0.01 0.00	14.61 0.06 0.00	14.77 0.07 0.00	18.68 0.11 0.00	26.02 0.23 0.00	27.26 0.40 0.00	25.90 0.48 0.00	25.91 0.48 0.00	24.94 0.56 0.00	23.79 0.44 0.00	22.48 0.33 0.00	22.20 0.28 0.00	21.97 0.28 0.00	22.36 0.29 0.00	23.69 0.28 0.00	27.59 0.30 0.00	27.98 0.36 0.00	27.65 0.27 0.00	25.69 0.31 0.00	23.17 0.36 0.00	21.83 0.36 0.00	20.08 0.32 0.00
CHAUTAUQUA__LFGE 323629	19.66 0.70 0.00	17.79 0.60 0.00	15.14 0.55 0.00	15.14 0.58 0.00	15.27 0.57 0.00	19.11 0.54 0.00	25.50 -0.39 -0.10	26.37 -0.64 -0.16	25.59 -0.23 -0.41	25.86 0.41 -0.03	24.99 0.61 0.00	24.14 0.79 0.00	22.97 0.82 0.00	22.69 0.77 0.00	22.56 0.87 0.00	23.07 0.99 0.00	23.45 0.02 -0.01	27.56 0.11 -0.16	27.98 0.22 -0.14	27.76 -0.08 -0.46	25.79 0.15 -0.26	23.42 0.62 0.00	22.06 0.60 0.00	20.43 0.67 0.00
CHERRYST_13_KV_LD 356241	20.20 1.25 0.00	18.30 1.12 0.00	15.49 0.90 0.00	15.44 0.89 0.00	15.56 0.87 0.00	19.70 1.13 0.00	28.05 1.62 -0.64	29.95 2.12 -0.97	30.09 2.16 -2.52	27.95 2.34 -0.18	26.52 2.15 0.00	25.47 2.12 0.00	24.19 2.04 0.00	23.96 2.04 0.00	23.65 1.95 0.00	24.08 2.01 0.00	25.74 2.25 -0.09	30.66 2.35 -1.02	30.73 2.24 -0.87	32.49 2.16 -2.95	28.95 1.93 -1.64	24.70 1.89 0.00	23.10 1.63 0.00	20.81 1.05 0.00
CHESTROR_138KV_BK263 355645	19.77 0.82 0.00	17.91 0.72 0.00	15.19 0.60 0.00	15.14 0.58 0.00	15.27 0.57 0.00	19.31 0.74 0.00	27.38 1.03 -0.57	29.08 1.37 -0.86	28.98 1.35 -2.22	27.04 1.45 -0.16	25.69 1.32 0.00	24.63 1.28 0.00	23.39 1.24 0.00	23.15 1.23 0.00	22.89 1.19 0.00	23.31 1.24 0.00	24.87 1.38 -0.08	29.69 1.50 -0.90	29.85 1.46 -0.77	31.44 1.48 -2.58	28.09 1.27 -1.43	24.06 1.25 0.00	22.49 1.03 0.00	20.39 0.63 0.00
CH_MIDHUDSON__DRP 24192	20.00 1.04 0.00	18.11 0.93 0.00	15.35 0.76 0.00	15.31 0.76 0.00	15.43 0.73 0.00	19.54 0.97 0.00	27.78 1.34 -0.66	29.56 1.72 -0.99	29.63 1.65 -2.57	27.39 1.78 -0.18	25.98 1.61 0.00	24.89 1.54 0.00	23.63 1.48 0.00	23.39 1.47 0.00	23.13 1.43 0.00	23.55 1.48 0.00	25.16 1.66 -0.09	30.19 1.86 -1.04	30.33 1.82 -0.89	32.22 1.83 -3.00	28.65 1.60 -1.67	24.34 1.53 0.00	22.73 1.27 0.00	20.59 0.83 0.00

CH_MISC_IPPS 23765	20.05 1.10 0.00	18.16 0.98 0.00	15.39 0.80 0.00	15.34 0.79 0.00	15.48 0.78 0.00	19.59 1.02 0.00	27.84 1.42 -0.64	29.62 1.80 -0.97	29.67 1.75 -2.50	27.49 1.88 -0.18	26.08 1.71 0.00	24.96 1.61 0.00	23.70 1.55 0.00	23.45 1.53 0.00	23.19 1.50 0.00	23.60 1.52 0.00	25.20 1.71 -0.09	30.28 1.97 -1.02	30.45 1.96 -0.87	32.27 1.97 -2.92	28.70 1.70 -1.62	24.45 1.64 0.00	22.84 1.37 0.00	20.65 0.89 0.00
CH_RES_BVR_FALLS 23983	18.69 -0.27 0.00	16.96 -0.22 0.00	14.41 -0.17 0.00	14.38 -0.17 0.00	14.52 -0.18 0.00	18.35 -0.22 0.00	25.53 -0.26 0.00	26.58 -0.27 0.00	25.16 -0.25 0.00	25.18 -0.25 0.00	24.13 -0.24 0.00	23.09 -0.26 0.00	21.91 -0.24 0.00	21.66 -0.26 0.00	21.43 -0.26 0.00	21.81 -0.26 0.00	23.15 -0.26 0.00	26.96 -0.33 0.00	27.32 -0.30 0.00	27.08 -0.30 0.00	25.10 -0.28 0.00	22.58 -0.23 0.00	21.25 -0.21 0.00	19.60 -0.16 0.00
CH_RES_NIAGARA 23895	18.76 -0.19 0.00	17.00 -0.19 0.00	14.62 0.03 0.00	14.60 0.04 0.00	14.74 0.04 0.00	18.26 -0.32 0.00	24.74 -1.13 -0.09	25.38 -1.61 -0.14	24.64 -1.14 -0.37	24.39 -1.07 -0.03	23.52 -0.85 0.00	22.72 -0.63 0.00	21.64 -0.51 0.00	21.33 -0.59 0.00	21.24 -0.46 0.00	21.68 -0.40 0.00	22.44 -0.98 -0.01	26.31 -1.12 -0.14	26.72 -1.02 -0.12	26.48 -1.31 -0.41	24.77 -0.84 -0.23	22.06 -0.75 0.00	20.89 -0.58 0.00	19.50 -0.26 0.00
CH_RES_SYRACUSE 23985	19.18 0.23 0.00	17.37 0.19 0.00	14.73 0.15 0.00	14.70 0.15 0.00	14.86 0.16 0.00	18.76 0.19 0.00	26.13 0.28 -0.06	27.03 0.08 -0.10	25.69 0.03 -0.25	25.45 0.00 -0.02	24.45 0.07 0.00	23.44 0.09 0.00	22.26 0.11 0.00	22.03 0.11 0.00	21.80 0.11 0.00	22.16 0.09 0.00	23.42 0.00 -0.01	27.41 0.03 -0.10	27.70 0.00 -0.08	27.69 0.03 -0.28	25.56 0.03 -0.16	22.76 0.03 0.00	21.53 0.06 0.00	19.96 0.20 0.00
CLINTON_WT_PWR 323605	18.71 -0.25 0.00	17.08 -0.10 0.00	14.59 0.00 0.00	14.63 0.07 0.00	14.80 0.10 0.00	18.70 0.13 0.00	26.02 0.23 0.00	27.36 0.51 0.00	26.00 0.58 0.00	26.04 0.61 0.00	25.03 0.66 0.00	23.89 0.54 0.00	22.57 0.42 0.00	22.31 0.39 0.00	22.08 0.39 0.00	22.47 0.40 0.00	23.81 0.40 0.00	27.70 0.41 0.00	27.98 0.36 0.00	27.68 0.30 0.00	25.69 0.31 0.00	23.20 0.39 0.00	21.85 0.39 0.00	20.10 0.34 0.00
CLINTON__LFGE 323618	18.84 -0.11 0.00	17.24 0.05 0.00	14.70 0.12 0.00	14.74 0.19 0.00	14.92 0.22 0.00	18.85 0.28 0.00	26.25 0.46 0.00	27.85 0.99 0.00	26.48 1.07 0.00	26.50 1.07 0.00	25.55 1.17 0.00	24.35 1.00 0.00	22.99 0.84 0.00	22.71 0.79 0.00	22.50 0.80 0.00	22.91 0.84 0.00	24.25 0.84 0.00	28.22 0.93 0.00	28.28 0.66 0.00	27.98 0.60 0.00	25.99 0.61 0.00	23.45 0.64 0.00	22.06 0.60 0.00	20.28 0.51 0.00
COBBLENY_34_KV_TB1 80064	19.58 0.63 0.00	17.73 0.55 0.00	15.08 0.50 0.00	15.08 0.52 0.00	15.23 0.53 0.00	19.04 0.46 0.00	25.29 -0.59 -0.10	26.12 -0.89 -0.16	25.34 -0.48 -0.41	25.69 0.23 -0.03	24.79 0.41 0.00	23.93 0.58 0.00	22.72 0.58 0.00	22.49 0.57 0.00	22.34 0.65 0.00	22.85 0.77 0.00	23.75 0.33 -0.01	27.10 -0.35 -0.17	27.52 -0.25 -0.14	27.34 -0.49 -0.46	25.43 -0.20 -0.25	23.29 0.48 0.00	21.70 0.24 0.00	20.36 0.59 0.00
COFFEEN__115KV_TB3 355620	19.48 0.53 0.00	17.67 0.48 0.00	15.01 0.42 0.00	14.95 0.39 0.00	15.17 0.47 0.00	19.20 0.63 0.00	26.83 1.01 -0.04	27.91 0.99 -0.06	26.41 0.84 -0.15	26.18 0.74 -0.01	25.11 0.73 0.00	23.98 0.63 0.00	22.72 0.58 0.00	22.40 0.48 0.00	22.17 0.48 0.00	22.63 0.55 0.00	24.02 0.61 -0.01	28.25 0.90 -0.06	28.72 1.05 -0.05	28.92 1.37 -0.17	26.57 1.09 -0.09	23.70 0.89 0.00	22.17 0.71 0.00	20.57 0.81 0.00
COLDSPRG_115KV_BK1 355956	19.98 1.02 0.00	18.08 0.89 0.00	15.39 0.80 0.00	15.38 0.83 0.00	15.55 0.85 0.00	19.44 0.87 0.00	25.48 -0.41 -0.11	26.45 -0.56 -0.16	25.66 -0.18 -0.43	26.45 0.99 -0.03	25.57 1.19 0.00	24.70 1.35 0.00	23.46 1.31 0.00	23.21 1.29 0.00	23.08 1.39 0.00	23.60 1.52 0.00	24.57 1.15 -0.02	27.60 0.14 -0.18	28.02 0.25 -0.15	27.89 0.03 -0.48	25.83 0.18 -0.27	24.06 1.25 0.00	22.37 0.90 0.00	20.83 1.07 0.00
COLONIE_LFGE__ 323577	19.81 0.85 0.00	17.92 0.74 0.00	15.21 0.63 0.00	15.16 0.61 0.00	15.31 0.62 0.00	19.39 0.82 0.00	27.73 1.13 -0.82	29.45 1.37 -1.23	29.87 1.27 -3.19	26.90 1.25 -0.23	25.52 1.15 0.00	24.42 1.07 0.00	23.15 1.00 0.00	22.93 1.01 0.00	22.67 0.98 0.00	23.04 0.97 0.00	24.62 1.10 -0.11	29.98 1.36 -1.33	30.16 1.41 -1.13	32.54 1.37 -3.79	28.81 1.32 -2.10	23.97 1.16 0.00	22.45 0.99 0.00	20.39 0.63 0.00
COOPERNY_115KV_TB1 80082	19.56 0.61 0.00	17.73 0.55 0.00	15.04 0.45 0.00	14.99 0.44 0.00	15.12 0.43 0.00	19.13 0.56 0.00	26.98 0.77 -0.42	28.49 0.99 -0.64	28.06 0.99 -1.66	26.64 1.09 -0.12	25.35 0.98 0.00	24.31 0.96 0.00	23.08 0.93 0.00	22.84 0.92 0.00	22.58 0.89 0.00	23.00 0.93 0.00	24.50 1.03 -0.06	29.08 1.12 -0.67	29.27 1.08 -0.57	30.40 1.10 -1.92	27.39 0.94 -1.07	23.74 0.94 0.00	22.22 0.75 0.00	20.26 0.49 0.00
COPENHAGEN_WT_PWR 323753	19.35 0.40 0.00	17.55 0.36 0.00	14.91 0.32 0.00	14.86 0.31 0.00	15.05 0.35 0.00	19.05 0.48 0.00	26.62 0.80 -0.04	27.69 0.78 -0.06	26.21 0.64 -0.16	26.00 0.56 -0.01	24.94 0.56 0.00	23.82 0.47 0.00	22.59 0.44 0.00	22.29 0.37 0.00	22.06 0.37 0.00	22.49 0.42 0.00	23.77 0.35 -0.01	27.90 0.55 -0.06	28.31 0.64 -0.05	28.48 0.93 -0.17	26.19 0.71 -0.10	23.35 0.55 0.00	22.04 0.58 0.00	20.39 0.63 0.00
CORNELL____ 23752	19.54 0.59 0.00	17.68 0.50 0.00	15.01 0.42 0.00	14.96 0.41 0.00	15.14 0.44 0.00	19.11 0.54 0.00	26.62 0.70 -0.14	27.71 0.64 -0.21	26.55 0.58 -0.55	26.10 0.64 -0.04	25.03 0.66 0.00	23.98 0.63 0.00	22.77 0.62 0.00	22.53 0.61 0.00	22.30 0.61 0.00	22.71 0.64 0.00	24.04 0.61 -0.02	28.20 0.68 -0.22	28.50 0.69 -0.19	28.72 0.74 -0.60	26.37 0.66 -0.33	23.45 0.64 0.00	22.00 0.54 0.00	20.37 0.61 0.00
CORONAAV_69_KV_TB1 355595	20.63 1.65 -0.03	18.69 1.48 -0.03	15.84 1.21 -0.05	15.76 1.21 0.00	15.89 1.19 0.00	19.98 1.41 0.00	28.52 2.09 -0.64	30.05 2.23 -0.97	30.22 2.29 -2.52	28.15 2.54 -0.18	26.87 2.44 -0.06	25.74 2.36 -0.03	24.41 2.26 0.00	24.18 2.26 0.00	23.93 2.19 -0.05	24.43 2.25 -0.11	26.07 2.50 -0.16	31.14 2.78 -1.07	31.32 2.73 -0.97	33.01 2.68 -2.95	29.55 2.44 -1.73	25.19 2.28 -0.10	23.53 2.04 -0.02	21.25 1.46 -0.02
CORTLAND_115KV_TB3 80093	19.37 0.42 0.00	17.55 0.36 0.00	14.88 0.29 0.00	14.84 0.29 0.00	15.01 0.31 0.00	18.94 0.37 0.00	26.36 0.46 -0.11	27.40 0.38 -0.17	26.24 0.38 -0.44	25.89 0.43 -0.03	24.81 0.44 0.00	23.79 0.42 0.00	22.57 0.42 0.00	22.33 0.42 0.00	22.13 0.43 0.00	22.52 0.44 0.00	23.82 0.40 -0.02	27.88 0.41 -0.18	28.19 0.41 -0.15	28.30 0.44 -0.48	26.06 0.41 -0.27	23.22 0.41 0.00	21.79 0.32 0.00	20.18 0.42 0.00

COXSACKIE___GT 23611	20.11 1.16 0.00	18.18 1.00 0.00	15.45 0.86 0.00	15.41 0.86 0.00	15.58 0.88 0.00	19.69 1.11 0.00	28.03 1.49 -0.76	29.69 1.69 -1.14	29.87 1.50 -2.95	27.11 1.47 -0.21	25.62 1.24 0.00	24.45 1.10 0.00	23.10 0.95 0.00	22.88 0.96 0.00	22.67 0.98 0.00	23.09 1.02 0.00	24.64 1.12 -0.10	30.07 1.55 -1.22	30.43 1.77 -1.04	32.73 1.86 -3.49	28.94 1.63 -1.94	24.36 1.55 0.00	22.73 1.27 0.00	20.59 0.83 0.00
CPV_VALLEY___CC1 323721	19.62 0.66 0.00	17.79 0.60 0.00	15.08 0.50 0.00	15.03 0.48 0.00	15.17 0.47 0.00	19.20 0.63 0.00	27.14 0.85 -0.51	28.75 1.13 -0.77	28.56 1.14 -2.00	26.79 1.22 -0.14	25.50 1.12 0.00	24.42 1.07 0.00	23.19 1.04 0.00	22.97 1.05 0.00	22.71 1.02 0.00	23.11 1.04 0.00	24.63 1.15 -0.07	29.39 1.28 -0.81	29.56 1.24 -0.69	30.94 1.23 -2.33	27.74 1.07 -1.29	23.86 1.05 0.00	22.34 0.88 0.00	20.28 0.51 0.00
CPV_VALLEY___CC2 323722	19.62 0.66 0.00	17.79 0.60 0.00	15.08 0.50 0.00	15.03 0.48 0.00	15.17 0.47 0.00	19.20 0.63 0.00	27.14 0.85 -0.51	28.75 1.13 -0.77	28.56 1.14 -2.00	26.79 1.22 -0.14	25.50 1.12 0.00	24.42 1.07 0.00	23.19 1.04 0.00	22.97 1.05 0.00	22.71 1.02 0.00	23.11 1.04 0.00	24.63 1.15 -0.07	29.39 1.28 -0.81	29.56 1.24 -0.69	30.94 1.23 -2.33	27.74 1.07 -1.29	23.86 1.05 0.00	22.34 0.88 0.00	20.28 0.51 0.00
CRESCENT___HYD 24018	19.81 0.85 0.00	17.92 0.74 0.00	15.21 0.63 0.00	15.16 0.61 0.00	15.31 0.62 0.00	19.39 0.82 0.00	27.73 1.13 -0.82	29.45 1.37 -1.23	29.87 1.27 -3.19	26.90 1.25 -0.23	25.52 1.15 0.00	24.42 1.07 0.00	23.15 1.00 0.00	22.93 1.01 0.00	22.67 0.98 0.00	23.04 0.97 0.00	24.62 1.10 -0.11	29.98 1.36 -1.33	30.16 1.41 -1.13	32.54 1.37 -3.79	28.81 1.32 -2.10	23.97 1.16 0.00	22.45 0.99 0.00	20.39 0.63 0.00
CRICKET___VALLEY_CC1 323756	19.84 0.89 0.00	17.98 0.79 0.00	15.23 0.64 0.00	15.19 0.64 0.00	15.31 0.62 0.00	19.41 0.84 0.00	27.56 1.08 -0.69	29.37 1.48 -1.04	29.54 1.42 -2.70	27.12 1.50 -0.19	25.74 1.36 0.00	24.66 1.31 0.00	23.39 1.24 0.00	23.17 1.25 0.00	22.91 1.21 0.00	23.33 1.26 0.00	24.88 1.38 -0.10	29.98 1.58 -1.11	30.14 1.57 -0.94	32.10 1.56 -3.16	28.53 1.40 -1.76	24.13 1.32 0.00	22.60 1.14 0.00	20.41 0.65 0.00
CRICKET___VALLEY_CC2 323757	19.84 0.89 0.00	17.98 0.79 0.00	15.23 0.64 0.00	15.19 0.64 0.00	15.31 0.62 0.00	19.41 0.84 0.00	27.56 1.08 -0.69	29.37 1.48 -1.04	29.54 1.42 -2.70	27.12 1.50 -0.19	25.74 1.36 0.00	24.66 1.31 0.00	23.39 1.24 0.00	23.17 1.25 0.00	22.91 1.21 0.00	23.33 1.26 0.00	24.88 1.38 -0.10	29.98 1.58 -1.11	30.14 1.57 -0.94	32.10 1.56 -3.16	28.53 1.40 -1.76	24.13 1.32 0.00	22.60 1.14 0.00	20.41 0.65 0.00
CRICKET___VALLEY_CC3 323758	19.84 0.89 0.00	17.98 0.79 0.00	15.23 0.64 0.00	15.19 0.64 0.00	15.31 0.62 0.00	19.41 0.84 0.00	27.56 1.08 -0.69	29.37 1.48 -1.04	29.54 1.42 -2.70	27.12 1.50 -0.19	25.74 1.36 0.00	24.66 1.31 0.00	23.39 1.24 0.00	23.17 1.25 0.00	22.91 1.21 0.00	23.33 1.26 0.00	24.88 1.38 -0.10	29.98 1.58 -1.11	30.14 1.57 -0.94	32.10 1.56 -3.16	28.53 1.40 -1.76	24.13 1.32 0.00	22.60 1.14 0.00	20.41 0.65 0.00
CRUCIBLE_METL_DRP 24180	19.18 0.23 0.00	17.37 0.19 0.00	14.73 0.15 0.00	14.70 0.15 0.00	14.86 0.16 0.00	18.76 0.19 0.00	26.13 0.28 -0.06	27.03 0.08 -0.10	25.69 0.03 -0.25	25.45 0.00 -0.02	24.45 0.07 0.00	23.44 0.09 0.00	22.26 0.11 0.00	22.03 0.11 0.00	21.80 0.11 0.00	22.16 0.09 0.00	23.44 0.02 -0.01	27.47 0.08 -0.10	27.76 0.06 -0.09	27.72 0.05 -0.28	25.59 0.05 -0.16	22.83 0.02 0.00	21.49 0.02 0.00	19.96 0.20 0.00
DAHOWA___HYDRO 323763	20.18 1.23 0.00	18.25 1.07 0.00	15.48 0.89 0.00	15.44 0.89 0.00	15.58 0.88 0.00	19.78 1.21 0.00	28.34 1.73 -0.82	30.06 1.96 -1.24	30.47 1.83 -3.22	27.39 1.73 -0.23	25.98 1.61 0.00	24.87 1.52 0.00	23.50 1.35 0.00	23.28 1.36 0.00	23.02 1.32 0.00	23.35 1.28 0.00	24.93 1.40 -0.12	30.41 1.77 -1.35	30.62 1.85 -1.15	33.04 1.81 -3.86	29.38 1.85 -2.14	24.43 1.62 0.00	22.90 1.44 0.00	20.77 1.01 0.00
DANC___LFGE 323619	19.28 0.32 0.00	17.46 0.27 0.00	14.84 0.25 0.00	14.77 0.22 0.00	14.96 0.26 0.00	18.92 0.35 0.00	26.42 0.59 -0.05	27.46 0.54 -0.07	26.00 0.41 -0.18	25.80 0.36 -0.01	24.74 0.37 0.00	23.68 0.33 0.00	22.46 0.31 0.00	22.18 0.26 0.00	21.95 0.26 0.00	22.36 0.29 0.00	23.60 0.19 -0.01	27.66 0.30 -0.07	28.04 0.36 -0.06	28.12 0.55 -0.20	25.90 0.40 -0.11	23.10 0.30 0.00	21.85 0.39 0.00	20.22 0.45 0.00
DANSKAMMER___1 23586	20.05 1.10 0.00	18.16 0.98 0.00	15.39 0.80 0.00	15.34 0.79 0.00	15.48 0.78 0.00	19.59 1.02 0.00	27.84 1.42 -0.64	29.62 1.80 -0.97	29.67 1.75 -2.50	27.49 1.88 -0.18	26.08 1.71 0.00	24.96 1.61 0.00	23.70 1.55 0.00	23.45 1.53 0.00	23.19 1.50 0.00	23.60 1.52 0.00	25.20 1.71 -0.09	30.28 1.97 -1.02	30.45 1.96 -0.87	32.27 1.97 -2.92	28.70 1.70 -1.62	24.45 1.64 0.00	22.84 1.37 0.00	20.65 0.89 0.00
DANSKAMMER___2 23589	20.05 1.10 0.00	18.16 0.98 0.00	15.39 0.80 0.00	15.34 0.79 0.00	15.48 0.78 0.00	19.59 1.02 0.00	27.84 1.42 -0.64	29.62 1.80 -0.97	29.67 1.75 -2.50	27.49 1.88 -0.18	26.08 1.71 0.00	24.96 1.61 0.00	23.70 1.55 0.00	23.45 1.53 0.00	23.19 1.50 0.00	23.60 1.52 0.00	25.20 1.71 -0.09	30.28 1.97 -1.02	30.45 1.96 -0.87	32.27 1.97 -2.92	28.70 1.70 -1.62	24.45 1.64 0.00	22.84 1.37 0.00	20.65 0.89 0.00
DANSKAMMER___3 23590	20.05 1.10 0.00	18.16 0.98 0.00	15.39 0.80 0.00	15.34 0.79 0.00	15.48 0.78 0.00	19.59 1.02 0.00	27.84 1.42 -0.64	29.62 1.80 -0.97	29.67 1.75 -2.50	27.49 1.88 -0.18	26.08 1.71 0.00	24.96 1.61 0.00	23.70 1.55 0.00	23.45 1.53 0.00	23.19 1.50 0.00	23.60 1.52 0.00	25.20 1.71 -0.09	30.28 1.97 -1.02	30.45 1.96 -0.87	32.27 1.97 -2.92	28.70 1.70 -1.62	24.45 1.64 0.00	22.84 1.37 0.00	20.65 0.89 0.00
DANSKAMMER___4 23591	20.05 1.10 0.00	18.16 0.98 0.00	15.39 0.80 0.00	15.34 0.79 0.00	15.48 0.78 0.00	19.59 1.02 0.00	27.84 1.42 -0.64	29.62 1.80 -0.97	29.67 1.75 -2.50	27.49 1.88 -0.18	26.08 1.71 0.00	24.96 1.61 0.00	23.70 1.55 0.00	23.45 1.53 0.00	23.19 1.50 0.00	23.60 1.52 0.00	25.20 1.71 -0.09	30.28 1.97 -1.02	30.45 1.96 -0.87	32.27 1.97 -2.92	28.70 1.70 -1.62	24.45 1.64 0.00	22.84 1.37 0.00	20.65 0.89 0.00
DANSKAMMER___DIESEL 23592	20.05 1.10 0.00	18.16 0.98 0.00	15.39 0.80 0.00	15.35 0.80 0.00	15.48 0.78 0.00	19.57 1.00 0.00	27.84 1.42 -0.64	29.62 1.80 -0.97	29.67 1.75 -2.50	27.49 1.88 -0.18	26.08 1.71 0.00	24.96 1.61 0.00	23.70 1.55 0.00	23.45 1.53 0.00	23.19 1.50 0.00	23.60 1.52 0.00	25.23 1.73 -0.09	30.27 1.96 -1.01	30.44 1.96 -0.86	32.27 1.97 -2.92	28.70 1.70 -1.62	24.43 1.62 0.00	22.80 1.33 0.00	20.65 0.89 0.00

DARBY___SOLAR 323810	20.11 1.16 0.00	18.20 1.01 0.00	15.42 0.83 0.00	15.38 0.83 0.00	15.53 0.84 0.00	19.70 1.13 0.00	28.23 1.63 -0.82	29.95 1.85 -1.24	30.36 1.73 -3.22	27.31 1.65 -0.23	25.91 1.54 0.00	24.82 1.47 0.00	23.46 1.31 0.00	23.23 1.32 0.00	22.97 1.28 0.00	23.31 1.24 0.00	24.88 1.36 -0.12	30.36 1.72 -1.35	30.54 1.77 -1.15	32.95 1.73 -3.85	29.27 1.75 -2.14	24.34 1.53 0.00	22.84 1.37 0.00	20.69 0.93 0.00
DASHVILLE___HYD 23610	19.88 0.93 0.00	18.03 0.84 0.00	15.26 0.67 0.00	15.22 0.67 0.00	15.34 0.65 0.00	19.39 0.82 0.00	27.34 0.90 -0.65	29.02 1.18 -0.98	29.10 1.14 -2.54	27.09 1.47 -0.18	25.69 1.32 0.00	24.61 1.26 0.00	23.37 1.22 0.00	23.12 1.21 0.00	22.89 1.19 0.00	23.29 1.21 0.00	24.90 1.40 -0.09	29.66 1.34 -1.04	29.80 1.30 -0.88	31.68 1.31 -2.99	28.11 1.07 -1.66	24.08 1.28 0.00	22.49 1.03 0.00	20.47 0.71 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	30.36 2.37 -9.04	28.68 2.13 -9.37	29.75 1.77 -13.40	18.68 1.76 -2.37	18.98 1.76 -2.52	22.66 2.12 -1.97	34.03 3.04 -5.20	31.50 3.68 -0.97	31.73 3.69 -2.63	29.70 4.02 -0.25	40.76 3.88 -12.51	32.78 3.74 -5.69	26.27 3.57 -0.56	25.78 3.55 -0.31	34.81 3.47 -9.65	37.38 3.49 -11.82	43.41 3.84 -16.16	46.44 4.23 -14.93	55.51 4.14 -23.75	53.86 4.05 -22.42	52.59 3.78 -23.42	49.31 3.54 -22.96	28.19 3.16 -3.57	30.00 2.19 -8.04
DELAWARE___LFGE 323621	19.60 0.64 0.00	17.77 0.58 0.00	15.08 0.50 0.00	15.03 0.48 0.00	15.18 0.49 0.00	19.20 0.63 0.00	26.89 0.80 -0.30	28.30 0.99 -0.46	27.57 0.97 -1.19	26.56 1.04 -0.08	25.33 0.95 0.00	24.26 0.91 0.00	23.01 0.86 0.00	22.75 0.83 0.00	22.52 0.82 0.00	22.91 0.84 0.00	24.41 0.96 -0.04	28.81 1.04 -0.48	29.11 1.08 -0.41	29.55 1.12 -1.05	26.98 1.02 -0.58	23.79 0.98 0.00	22.26 0.79 0.00	20.39 0.63 0.00
DERFIELD_115KV_TB7 355931	18.99 0.04 0.00	17.22 0.03 0.00	14.62 0.03 0.00	14.58 0.03 0.00	14.73 0.03 0.00	18.61 0.04 0.00	25.84 0.05 0.00	26.88 0.03 0.00	25.44 0.03 0.00	25.46 0.03 0.00	24.40 0.02 0.00	23.37 0.02 0.00	22.17 0.02 0.00	21.94 0.02 0.00	21.72 0.02 0.00	22.10 0.02 0.00	23.43 0.02 0.00	27.34 0.05 0.00	27.68 0.06 0.00	27.44 0.05 0.00	25.43 0.05 0.00	22.85 0.05 0.00	21.46 0.00 0.00	19.78 0.02 0.00
DOGLEVILLE___HYD 23807	18.67 -0.28 0.00	16.94 -0.24 0.00	14.40 -0.19 0.00	14.36 -0.19 0.00	14.51 -0.19 0.00	18.35 -0.22 0.00	25.50 -0.28 0.00	26.42 -0.43 0.00	25.03 -0.38 0.00	25.10 -0.33 0.00	24.06 -0.32 0.00	23.07 -0.28 0.00	21.93 -0.22 0.00	21.70 -0.22 0.00	21.48 -0.22 0.00	21.85 -0.22 0.00	23.15 -0.26 0.00	26.99 -0.30 0.00	27.32 -0.30 0.00	27.11 -0.27 0.00	25.08 -0.30 0.00	22.54 -0.27 0.00	21.18 -0.28 0.00	19.62 -0.14 0.00
DUNKIRK___115KV_TB_200 55889	19.64 0.68 0.00	17.77 0.58 0.00	15.13 0.54 0.00	15.12 0.57 0.00	15.27 0.57 0.00	19.11 0.54 0.00	25.48 -0.41 -0.10	26.37 -0.64 -0.16	25.57 -0.25 -0.41	25.82 0.36 -0.03	24.96 0.59 0.00	24.10 0.75 0.00	22.90 0.75 0.00	22.64 0.72 0.00	22.54 0.85 0.00	23.02 0.95 0.00	23.96 0.54 -0.01	27.43 -0.03 -0.17	27.85 0.08 -0.14	27.65 -0.19 -0.46	25.69 0.05 -0.26	23.45 0.64 0.00	21.83 0.36 0.00	20.43 0.67 0.00
DUNKIRK___1 23563	19.64 0.68 0.00	17.77 0.58 0.00	15.13 0.54 0.00	15.12 0.57 0.00	15.27 0.57 0.00	19.11 0.54 0.00	25.48 -0.41 -0.10	26.37 -0.64 -0.16	25.57 -0.25 -0.41	25.82 0.36 -0.03	24.96 0.59 0.00	24.10 0.75 0.00	22.90 0.75 0.00	22.64 0.72 0.00	22.54 0.85 0.00	23.02 0.95 0.00	23.96 0.54 -0.01	27.43 -0.03 -0.17	27.85 0.08 -0.14	27.65 -0.19 -0.46	25.69 0.05 -0.26	23.45 0.64 0.00	21.83 0.36 0.00	20.43 0.67 0.00
DUNKIRK___2 23564	19.64 0.68 0.00	17.77 0.58 0.00	15.13 0.54 0.00	15.12 0.57 0.00	15.27 0.57 0.00	19.11 0.54 0.00	25.48 -0.41 -0.10	26.37 -0.64 -0.16	25.57 -0.25 -0.41	25.82 0.36 -0.03	24.96 0.59 0.00	24.10 0.75 0.00	22.90 0.75 0.00	22.64 0.72 0.00	22.54 0.85 0.00	23.02 0.95 0.00	23.96 0.54 -0.01	27.43 -0.03 -0.17	27.85 0.08 -0.14	27.65 -0.19 -0.46	25.69 0.05 -0.26	23.45 0.64 0.00	21.83 0.36 0.00	20.43 0.67 0.00
DUNKIRK___3 23565	19.58 0.63 0.00	17.73 0.55 0.00	15.10 0.51 0.00	15.08 0.52 0.00	15.23 0.53 0.00	19.05 0.48 0.00	25.37 -0.52 -0.10	26.26 -0.75 -0.16	25.47 -0.36 -0.41	25.76 0.31 -0.03	24.86 0.49 0.00	24.03 0.68 0.00	22.84 0.69 0.00	22.58 0.66 0.00	22.45 0.76 0.00	22.96 0.88 0.00	23.89 0.47 -0.01	27.30 -0.16 -0.17	27.68 -0.08 -0.14	27.51 -0.33 -0.46	25.59 -0.05 -0.26	23.38 0.57 0.00	21.79 0.32 0.00	20.37 0.61 0.00
DUNKIRK___4 23566	19.60 0.64 0.00	17.73 0.55 0.00	15.10 0.51 0.00	15.09 0.54 0.00	15.24 0.54 0.00	19.05 0.48 0.00	25.42 -0.46 -0.10	26.26 -0.75 -0.16	25.49 -0.33 -0.40	25.74 0.28 -0.03	24.86 0.49 0.00	24.00 0.65 0.00	22.81 0.66 0.00	22.55 0.64 0.00	22.45 0.76 0.00	22.94 0.86 0.00	23.87 0.44 -0.01	27.29 -0.16 -0.17	27.71 -0.06 -0.14	27.53 -0.30 -0.45	25.61 -0.03 -0.25	23.36 0.55 0.00	21.77 0.30 0.00	20.39 0.63 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	20.13 1.18 0.00	18.23 1.05 0.00	15.43 0.85 0.00	15.40 0.84 0.00	15.52 0.82 0.00	19.65 1.08 0.00	27.92 1.50 -0.64	29.79 1.96 -0.97	29.89 1.96 -2.52	27.72 2.11 -0.18	26.33 1.95 0.00	25.24 1.89 0.00	23.96 1.82 0.00	23.74 1.82 0.00	23.45 1.76 0.00	23.88 1.81 0.00	25.51 2.01 -0.09	30.47 2.16 -1.02	30.59 2.10 -0.87	32.38 2.05 -2.95	28.85 1.83 -1.63	24.59 1.78 0.00	22.97 1.50 0.00	20.73 0.97 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	19.86 0.91 0.00	18.01 0.82 0.00	15.26 0.67 0.00	15.22 0.67 0.00	15.34 0.65 0.00	19.41 0.84 0.00	27.58 1.19 -0.61	29.27 1.50 -0.91	29.25 1.47 -2.37	27.20 1.60 -0.17	25.81 1.44 0.00	24.73 1.38 0.00	23.48 1.33 0.00	23.26 1.34 0.00	23.00 1.30 0.00	23.40 1.32 0.00	24.99 1.50 -0.08	29.92 1.66 -0.96	30.07 1.63 -0.82	31.79 1.64 -2.76	28.34 1.42 -1.53	24.20 1.39 0.00	22.58 1.12 0.00	20.49 0.73 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	20.26 1.31 0.00	18.35 1.17 0.00	15.55 0.96 0.00	15.50 0.95 0.00	15.62 0.93 0.00	19.79 1.21 -0.01	28.08 1.65 -0.64	29.90 2.07 -0.98	30.00 2.06 -2.53	27.85 2.24 -0.19	26.43 2.05 -0.01	25.37 2.01 -0.01	24.08 1.93 -0.01	23.86 1.93 -0.01	23.57 1.87 -0.01	24.00 1.92 -0.01	25.63 2.13 -0.10	30.56 2.24 -1.03	30.62 2.13 -0.88	32.44 2.11 -2.95	28.90 1.88 -1.64	24.66 1.85 -0.01	23.10 1.63 -0.01	20.87 1.11 0.00
E179THST_13_KV_LOAD 356214	20.32 1.36 0.00	18.42 1.24 0.00	15.59 1.01 0.00	15.56 1.00 0.00	15.67 0.97 0.00	19.84 1.26 -0.01	28.16 1.73 -0.64	30.03 2.20 -0.98	30.10 2.16 -2.53	27.96 2.34 -0.19	26.53 2.15 -0.01	25.46 2.10 -0.01	24.19 2.04 -0.01	23.94 2.02 -0.01	23.65 1.95 -0.01	24.09 2.01 -0.01	25.75 2.25 -0.10	30.70 2.37 -1.03	30.76 2.26 -0.88	32.58 2.25 -2.95	29.01 1.98 -1.64	24.78 1.96 -0.01	23.19 1.72 -0.01	20.95 1.19 0.00

EAST HAMPTON___GT 23717	30.59 2.60 -9.04	28.87 2.32 -9.37	29.92 1.93 -13.40	18.86 1.94 -2.37	19.15 1.92 -2.53	22.89 2.34 -1.97	34.32 3.33 -5.21	31.85 4.03 -0.97	32.14 4.09 -2.63	30.08 4.40 -0.25	41.13 4.24 -12.51	33.13 4.09 -5.69	26.59 3.87 -0.57	26.10 3.86 -0.32	35.12 3.77 -9.65	37.72 3.82 -11.82	43.70 4.12 -16.17	46.81 4.58 -14.94	55.94 4.56 -23.76	54.25 4.44 -22.43	52.95 4.14 -23.43	49.63 3.86 -22.97	28.56 3.52 -3.57	30.22 2.41 -8.04
EAST RIVER___6 23660	20.13 1.18 0.00	18.23 1.05 0.00	15.43 0.85 0.00	15.40 0.84 0.00	15.52 0.82 0.00	19.67 1.10 0.00	27.97 1.55 -0.64	29.89 2.07 -0.97	30.04 2.11 -2.52	27.95 2.34 -0.18	26.50 2.12 0.00	25.45 2.10 0.00	24.14 1.99 0.00	23.93 2.02 0.00	23.60 1.91 0.00	24.04 1.96 0.00	25.70 2.20 -0.09	30.67 2.35 -1.03	30.68 2.18 -0.88	32.46 2.14 -2.95	28.90 1.88 -1.64	24.68 1.87 0.00	23.10 1.63 0.00	20.75 0.99 0.00
EAST RIVER___7 23524	20.13 1.18 0.00	18.23 1.05 0.00	15.43 0.85 0.00	15.40 0.84 0.00	15.52 0.82 0.00	19.67 1.10 0.00	27.97 1.55 -0.64	29.89 2.07 -0.97	30.04 2.11 -2.52	27.95 2.34 -0.18	26.50 2.12 0.00	25.45 2.10 0.00	24.14 1.99 0.00	23.93 2.02 0.00	23.60 1.91 0.00	24.04 1.96 0.00	25.70 2.20 -0.09	30.67 2.35 -1.03	30.68 2.18 -0.88	32.46 2.14 -2.95	28.90 1.88 -1.64	24.68 1.87 0.00	23.10 1.63 0.00	20.75 0.99 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	20.07 1.12 0.00	18.18 1.00 0.00	15.40 0.82 0.00	15.35 0.80 0.00	15.48 0.78 0.00	19.59 1.02 0.00	27.87 1.44 -0.64	29.70 1.88 -0.97	29.77 1.86 -2.51	27.62 2.01 -0.18	26.23 1.85 0.00	25.15 1.80 0.00	23.90 1.75 0.00	23.65 1.73 0.00	23.36 1.67 0.00	23.80 1.72 0.00	25.42 1.92 -0.09	30.38 2.07 -1.02	30.50 2.02 -0.87	32.28 1.97 -2.93	28.76 1.75 -1.63	24.50 1.69 0.00	22.90 1.44 0.00	20.67 0.91 0.00
EAST_HAMPTON___DIESEL 23722	30.59 2.60 -9.04	28.89 2.34 -9.37	29.91 1.93 -13.40	18.86 1.94 -2.37	19.15 1.92 -2.53	22.89 2.34 -1.97	34.35 3.35 -5.21	31.85 4.03 -0.97	32.14 4.09 -2.63	30.08 4.40 -0.25	41.15 4.26 -12.51	33.15 4.11 -5.69	26.59 3.87 -0.57	26.10 3.86 -0.32	35.14 3.80 -9.65	37.72 3.82 -11.82	43.72 4.14 -16.17	46.84 4.61 -14.94	55.94 4.56 -23.76	54.28 4.46 -22.43	52.95 4.14 -23.43	49.65 3.88 -22.97	28.56 3.52 -3.57	30.22 2.41 -8.04
EAST_PULASKI___ESR 323781	19.31 0.36 0.00	17.49 0.31 0.00	14.85 0.26 0.00	14.80 0.25 0.00	14.98 0.28 0.00	18.92 0.35 0.00	26.40 0.57 -0.05	27.36 0.43 -0.08	25.97 0.36 -0.20	25.75 0.31 -0.01	24.74 0.37 0.00	23.68 0.33 0.00	22.48 0.33 0.00	22.23 0.31 0.00	22.00 0.30 0.00	22.38 0.31 0.00	23.72 0.30 -0.01	27.81 0.44 -0.08	28.13 0.44 -0.07	28.15 0.55 -0.22	25.96 0.46 -0.12	23.13 0.32 0.00	21.72 0.26 0.00	20.18 0.42 0.00
EAST_RIVER___1 323558	20.17 1.21 0.00	18.27 1.08 0.00	15.46 0.88 0.00	15.41 0.86 0.00	15.53 0.84 0.00	19.69 1.11 0.00	28.00 1.57 -0.64	29.86 2.04 -0.97	30.02 2.08 -2.52	27.87 2.26 -0.18	26.45 2.07 0.00	25.38 2.03 0.00	24.10 1.95 0.00	23.87 1.95 0.00	23.58 1.89 0.00	23.99 1.92 0.00	25.63 2.13 -0.09	30.58 2.26 -1.03	30.65 2.16 -0.88	32.43 2.11 -2.95	28.87 1.85 -1.64	24.68 1.87 0.00	23.10 1.63 0.00	20.77 1.01 0.00
EAST_RIVER___2 323559	20.13 1.18 0.00	18.23 1.05 0.00	15.43 0.85 0.00	15.40 0.84 0.00	15.52 0.82 0.00	19.67 1.10 0.00	27.97 1.55 -0.64	29.89 2.07 -0.97	30.04 2.11 -2.52	27.95 2.34 -0.18	26.50 2.12 0.00	25.45 2.10 0.00	24.14 1.99 0.00	23.93 2.02 0.00	23.60 1.91 0.00	24.04 1.96 0.00	25.70 2.20 -0.09	30.67 2.35 -1.03	30.68 2.18 -0.88	32.46 2.14 -2.95	28.90 1.88 -1.64	24.68 1.87 0.00	23.10 1.63 0.00	20.75 0.99 0.00
EAST___DELAWARE_HYD 23607	19.63 0.68 0.00	17.80 0.62 0.00	15.07 0.48 0.00	15.02 0.47 0.00	15.17 0.47 0.00	19.20 0.63 0.00	27.23 0.90 -0.54	28.91 1.24 -0.82	28.74 1.19 -2.13	26.88 1.30 -0.15	25.52 1.15 0.00	24.42 1.07 0.00	23.19 1.04 0.00	22.95 1.03 0.00	22.71 1.02 0.00	23.13 1.06 0.00	24.70 1.22 -0.07	29.52 1.36 -0.87	29.74 1.38 -0.74	31.29 1.42 -2.49	27.91 1.14 -1.38	23.97 1.16 0.00	22.41 0.94 0.00	20.28 0.51 0.00
EIGHT_POINT___WT_PWR 323820	19.71 0.76 0.00	17.82 0.64 0.00	15.13 0.54 0.00	15.11 0.55 0.00	15.26 0.56 0.00	19.18 0.61 0.00	26.07 0.16 -0.13	27.04 0.00 -0.19	26.16 0.25 -0.50	26.18 0.71 -0.04	25.25 0.88 0.00	24.31 0.96 0.00	23.12 0.97 0.00	22.86 0.94 0.00	22.71 1.02 0.00	23.16 1.08 0.00	23.80 0.37 -0.02	28.03 0.55 -0.19	28.37 0.58 -0.16	28.40 0.47 -0.55	26.22 0.53 -0.31	23.65 0.84 0.00	22.26 0.79 0.00	20.59 0.83 0.00
ELBRIDGE_115KV_TB2 80188	19.03 0.08 0.00	17.24 0.05 0.00	14.62 0.03 0.00	14.58 0.03 0.00	14.74 0.04 0.00	18.61 0.04 0.00	25.90 0.05 -0.07	26.85 -0.11 -0.10	25.56 -0.13 -0.27	25.30 -0.15 -0.02	24.28 -0.10 0.00	23.28 -0.07 0.00	22.10 -0.04 0.00	21.87 -0.04 0.00	21.65 -0.04 0.00	22.01 -0.07 0.00	23.30 -0.12 -0.01	27.29 -0.11 -0.11	27.58 -0.14 -0.09	27.57 -0.11 -0.30	25.45 -0.10 -0.17	22.69 -0.11 0.00	21.34 -0.13 0.00	19.80 0.04 0.00
ELEC_TRO_TEK 24086	20.52 1.52 -0.05	18.59 1.36 -0.05	15.79 1.12 -0.08	15.68 1.12 -0.01	15.81 1.10 -0.01	19.88 1.30 0.00	28.37 1.93 -0.66	29.97 2.15 -0.97	30.14 2.21 -2.52	28.05 2.44 -0.18	26.80 2.34 -0.09	25.66 2.26 -0.04	24.34 2.19 0.00	24.09 2.17 0.00	23.87 2.10 -0.07	24.35 2.14 -0.14	25.99 2.39 -0.20	31.01 2.62 -1.10	31.18 2.54 -1.02	32.85 2.52 -2.95	29.45 2.28 -1.78	25.11 2.14 -0.15	23.41 1.91 -0.03	21.13 1.32 -0.04
ELLENBURG_WT_PWR 323604	18.71 -0.25 0.00	17.08 -0.10 0.00	14.59 0.00 0.00	14.63 0.07 0.00	14.80 0.10 0.00	18.70 0.13 0.00	26.02 0.23 0.00	27.36 0.51 0.00	26.00 0.58 0.00	26.04 0.61 0.00	25.03 0.66 0.00	23.89 0.54 0.00	22.57 0.42 0.00	22.31 0.39 0.00	22.08 0.39 0.00	22.47 0.40 0.00	23.81 0.40 0.00	27.70 0.41 0.00	27.98 0.36 0.00	27.68 0.30 0.00	25.69 0.31 0.00	23.20 0.39 0.00	21.85 0.39 0.00	20.10 0.34 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	19.37 0.42 0.00	17.55 0.36 0.00	14.92 0.34 0.00	14.92 0.36 0.00	15.06 0.37 0.00	18.83 0.26 0.00	25.24 -0.64 -0.10	25.98 -1.02 -0.15	25.22 -0.58 -0.39	25.31 -0.15 -0.03	24.42 0.05 0.00	23.58 0.23 0.00	22.41 0.27 0.00	22.16 0.24 0.00	22.04 0.35 0.00	22.52 0.44 0.00	23.40 -0.02 -0.01	26.93 -0.52 -0.16	27.34 -0.41 -0.14	27.13 -0.68 -0.44	25.32 -0.30 -0.24	22.94 0.14 0.00	21.42 -0.04 0.00	20.14 0.38 0.00
EMPIRE_CC_1 323656	19.54 0.59 0.00	17.70 0.52 0.00	15.02 0.44 0.00	14.99 0.44 0.00	15.12 0.43 0.00	19.13 0.56 0.00	27.23 0.67 -0.78	28.89 0.86 -1.18	29.27 0.81 -3.05	26.46 0.81 -0.22	25.08 0.71 0.00	24.00 0.65 0.00	22.77 0.62 0.00	22.58 0.66 0.00	22.32 0.63 0.00	22.69 0.62 0.00	24.24 0.73 -0.11	29.44 0.90 -1.26	29.57 0.88 -1.07	31.87 0.90 -3.58	28.24 0.86 -1.99	23.56 0.75 0.00	22.06 0.60 0.00	20.10 0.34 0.00

EMPIRE_CC_2 323658	19.54 0.59 0.00	17.70 0.52 0.00	15.02 0.44 0.00	14.99 0.44 0.00	15.12 0.43 0.00	19.13 0.56 0.00	27.23 0.67 -0.78	28.89 0.86 -1.18	29.27 0.81 -3.05	26.46 0.81 -0.22	25.08 0.71 0.00	24.00 0.65 0.00	22.77 0.62 0.00	22.58 0.66 0.00	22.32 0.63 0.00	22.69 0.62 0.00	24.24 0.73 -0.11	29.44 0.90 -1.26	29.57 0.88 -1.07	31.87 0.90 -3.58	28.24 0.86 -1.99	23.56 0.75 0.00	22.06 0.60 0.00	20.10 0.34 0.00
ENORWICH_115KV_TB1 80156	20.22 1.27 0.00	18.34 1.15 0.00	15.56 0.98 0.00	15.50 0.95 0.00	15.73 1.03 0.00	19.91 1.34 0.00	27.74 1.75 -0.20	29.09 1.93 -0.31	27.96 1.75 -0.79	27.29 1.81 -0.06	26.06 1.68 0.00	24.87 1.52 0.00	23.59 1.44 0.00	23.26 1.34 0.00	23.06 1.37 0.00	23.53 1.46 0.00	25.01 1.57 -0.03	29.50 1.88 -0.32	29.99 2.10 -0.27	30.48 2.30 -0.80	27.83 2.01 -0.44	24.68 1.87 0.00	23.01 1.55 0.00	21.34 1.58 0.00
ERIE_ST__34_KV_TB1-2 80199	19.77 0.82 0.00	17.89 0.70 0.00	15.21 0.63 0.00	15.21 0.65 0.00	15.37 0.68 0.00	19.22 0.65 0.00	25.06 -0.83 -0.10	25.91 -1.10 -0.15	25.13 -0.69 -0.40	25.92 0.46 -0.03	25.06 0.68 0.00	24.19 0.84 0.00	22.97 0.82 0.00	22.73 0.81 0.00	22.60 0.91 0.00	23.11 1.04 0.00	24.03 0.61 -0.01	26.94 -0.52 -0.17	27.35 -0.41 -0.14	27.20 -0.63 -0.45	25.28 -0.36 -0.25	23.56 0.75 0.00	21.96 0.49 0.00	20.57 0.81 0.00
ERIE_WT_PWR 323693	19.56 0.61 0.00	17.70 0.52 0.00	15.05 0.47 0.00	15.03 0.48 0.00	15.18 0.48 0.00	19.00 0.43 0.00	25.32 -0.57 -0.10	26.09 -0.91 -0.15	25.32 -0.48 -0.39	25.56 0.10 -0.03	24.69 0.32 0.00	23.84 0.49 0.00	22.68 0.53 0.00	22.38 0.46 0.00	22.28 0.59 0.00	22.76 0.69 0.00	23.12 -0.30 -0.01	27.14 -0.30 -0.16	27.56 -0.19 -0.13	27.36 -0.47 -0.44	25.50 -0.13 -0.25	23.15 0.34 0.00	21.85 0.39 0.00	20.31 0.55 0.00
ESPRGFLD_115KV_TB1 80157	20.74 1.78 0.00	18.78 1.60 0.00	15.91 1.33 0.00	15.89 1.34 0.00	16.06 1.37 0.00	20.43 1.86 0.00	27.99 2.73 0.53	29.23 3.17 0.80	26.30 2.95 2.06	27.93 2.64 0.15	26.84 2.46 0.00	25.66 2.31 0.00	24.19 2.04 0.00	23.94 2.02 0.00	23.56 1.87 0.00	24.04 1.96 0.00	24.93 1.59 0.07	28.31 1.86 0.84	28.90 1.99 0.71	28.61 2.03 0.80	26.82 1.88 0.44	24.56 1.76 0.00	22.95 1.48 0.00	20.95 1.19 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	19.50 0.55 0.00	17.67 0.48 0.00	14.98 0.39 0.00	14.95 0.39 0.00	15.11 0.41 0.00	19.07 0.50 0.00	26.59 0.67 -0.14	27.68 0.62 -0.21	26.52 0.56 -0.55	26.08 0.61 -0.04	24.99 0.61 0.00	23.96 0.61 0.00	22.72 0.58 0.00	22.49 0.57 0.00	22.28 0.59 0.00	22.67 0.60 0.00	24.01 0.59 -0.02	28.17 0.65 -0.22	28.47 0.66 -0.19	28.66 0.68 -0.59	26.32 0.61 -0.33	23.40 0.59 0.00	21.96 0.49 0.00	20.34 0.57 0.00
ETNA_____115KV_TB2 80207	19.50 0.55 0.00	17.67 0.48 0.00	14.98 0.39 0.00	14.95 0.39 0.00	15.11 0.41 0.00	19.07 0.50 0.00	26.59 0.67 -0.14	27.68 0.62 -0.21	26.52 0.56 -0.55	26.08 0.61 -0.04	24.99 0.61 0.00	23.96 0.61 0.00	22.72 0.58 0.00	22.49 0.57 0.00	22.28 0.59 0.00	22.67 0.60 0.00	24.01 0.59 -0.02	28.17 0.65 -0.22	28.47 0.66 -0.19	28.66 0.68 -0.59	26.32 0.61 -0.33	23.40 0.59 0.00	21.96 0.49 0.00	20.34 0.57 0.00
EUCLID___115KV_TB2 356179	18.90 -0.06 0.00	17.12 -0.07 0.00	14.53 -0.06 0.00	14.50 -0.06 0.00	14.64 -0.06 0.00	18.48 -0.09 0.00	25.71 -0.13 -0.05	26.59 -0.35 -0.08	25.25 -0.38 -0.21	25.01 -0.43 -0.02	24.01 -0.37 0.00	23.05 -0.30 0.00	21.88 -0.27 0.00	21.66 -0.26 0.00	21.45 -0.24 0.00	21.81 -0.26 0.00	23.07 -0.35 -0.01	27.02 -0.35 -0.09	27.31 -0.39 -0.08	27.24 -0.38 -0.24	25.16 -0.36 -0.13	22.47 -0.34 0.00	21.14 -0.32 0.00	19.66 -0.10 0.00
E_CANADA_CAP_HY 24051	20.76 1.80 0.00	18.78 1.60 0.00	15.91 1.33 0.00	15.91 1.35 0.00	16.08 1.38 0.00	20.45 1.87 0.00	29.40 2.79 -0.83	31.30 3.19 -1.26	31.64 2.97 -3.26	28.33 2.67 -0.23	26.86 2.49 0.00	25.66 2.31 0.00	24.18 2.04 0.00	23.96 2.04 0.00	23.54 1.84 0.00	24.02 1.94 0.00	25.33 1.78 -0.14	31.17 2.24 -1.65	31.42 2.40 -1.40	34.52 2.44 -4.70	30.30 2.31 -2.61	24.98 2.17 0.00	23.33 1.87 0.00	21.15 1.38 0.00
E_CANADA_MHWK_HY 24050	18.67 -0.28 0.00	16.94 -0.24 0.00	14.40 -0.19 0.00	14.36 -0.19 0.00	14.51 -0.19 0.00	18.35 -0.22 0.00	25.50 -0.28 0.00	26.42 -0.43 0.00	25.03 -0.38 0.00	25.10 -0.33 0.00	24.06 -0.32 0.00	23.07 -0.28 0.00	21.93 -0.22 0.00	21.70 -0.22 0.00	21.48 -0.22 0.00	21.85 -0.22 0.00	23.15 -0.26 0.00	26.99 -0.30 0.00	27.32 -0.30 0.00	27.11 -0.27 0.00	25.08 -0.30 0.00	22.54 -0.27 0.00	21.18 -0.28 0.00	19.62 -0.14 0.00
E_FISHKILL___LBMP 23776	19.98 1.02 0.00	18.10 0.91 0.00	15.33 0.74 0.00	15.28 0.73 0.00	15.42 0.72 0.00	19.50 0.93 0.00	27.75 1.29 -0.68	29.56 1.69 -1.02	29.73 1.68 -2.64	27.42 1.81 -0.19	26.01 1.63 0.00	24.94 1.59 0.00	23.68 1.53 0.00	23.45 1.53 0.00	23.17 1.48 0.00	23.60 1.52 0.00	25.19 1.69 -0.09	30.22 1.86 -1.07	30.36 1.82 -0.91	32.25 1.78 -3.09	28.70 1.60 -1.72	24.34 1.53 0.00	22.75 1.29 0.00	20.57 0.81 0.00
FALCON___SEABRD_CC1 323796	18.90 -0.06 0.00	17.27 0.09 0.00	14.73 0.15 0.00	14.79 0.23 0.00	14.95 0.25 0.00	18.89 0.32 0.00	26.30 0.52 0.00	27.98 1.13 0.00	26.63 1.22 0.00	26.65 1.22 0.00	25.67 1.29 0.00	24.47 1.12 0.00	23.12 0.97 0.00	22.84 0.92 0.00	22.63 0.93 0.00	23.04 0.97 0.00	24.37 0.96 0.00	28.35 1.06 0.00	28.31 0.69 0.00	28.01 0.63 0.00	26.02 0.63 0.00	23.49 0.68 0.00	22.11 0.64 0.00	20.31 0.55 0.00
FALCON___SEABRD_CC2 323797	18.90 -0.06 0.00	17.27 0.09 0.00	14.73 0.15 0.00	14.79 0.23 0.00	14.95 0.25 0.00	18.89 0.32 0.00	26.30 0.52 0.00	27.98 1.13 0.00	26.63 1.22 0.00	26.65 1.22 0.00	25.67 1.29 0.00	24.47 1.12 0.00	23.12 0.97 0.00	22.84 0.92 0.00	22.63 0.93 0.00	23.04 0.97 0.00	24.37 0.96 0.00	28.35 1.06 0.00	28.31 0.69 0.00	28.01 0.63 0.00	26.02 0.63 0.00	23.49 0.68 0.00	22.11 0.64 0.00	20.31 0.55 0.00
FAR ROCKAWAY___4 23548	20.80 1.82 -0.03	18.83 1.62 -0.03	15.96 1.33 -0.05	15.88 1.32 0.00	16.01 1.31 0.00	20.13 1.56 0.00	28.72 2.29 -0.64	30.19 2.36 -0.97	30.35 2.41 -2.52	28.30 2.70 -0.18	27.04 2.61 -0.06	25.90 2.52 -0.03	24.58 2.44 0.00	24.33 2.41 0.00	24.08 2.34 -0.05	24.63 2.45 -0.11	26.31 2.74 -0.16	31.42 3.06 -1.07	31.60 3.01 -0.97	33.28 2.96 -2.95	29.80 2.69 -1.73	25.39 2.49 -0.10	23.72 2.23 -0.02	21.43 1.64 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	20.28 1.33 0.00	18.27 1.08 0.00	15.46 0.88 0.00	15.43 0.87 0.00	15.55 0.85 0.00	19.69 1.11 0.00	28.00 1.57 -0.64	29.89 2.07 -0.97	30.02 2.08 -2.52	27.87 2.26 -0.18	26.45 2.07 0.00	25.38 2.03 0.00	24.12 1.97 0.00	23.89 1.97 0.00	23.58 1.89 0.00	24.02 1.94 0.00	25.67 2.18 -0.09	30.58 2.27 -1.02	30.64 2.15 -0.87	32.43 2.11 -2.95	28.90 1.88 -1.64	24.81 2.01 0.00	23.05 1.59 0.00	20.77 1.01 0.00

FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	20.17 1.21 0.00	18.27 1.08 0.00	15.48 0.89 0.00	15.43 0.87 0.00	15.55 0.85 0.00	19.69 1.11 0.00	28.00 1.57 -0.64	29.89 2.07 -0.97	30.02 2.08 -2.52	27.87 2.26 -0.18	26.45 2.07 0.00	25.38 2.03 0.00	24.12 1.97 0.00	23.89 1.97 0.00	23.58 1.89 0.00	24.02 1.94 0.00	25.67 2.18 -0.09	30.58 2.27 -1.02	30.64 2.15 -0.87	32.43 2.11 -2.95	28.90 1.88 -1.64	24.66 1.85 0.00	23.05 1.59 0.00	20.79 1.03 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	20.15 1.19 0.00	18.27 1.08 0.00	15.46 0.88 0.00	15.41 0.86 0.00	15.53 0.84 0.00	19.67 1.10 0.00	27.97 1.55 -0.64	29.87 2.04 -0.97	29.99 2.06 -2.52	27.87 2.26 -0.18	26.45 2.07 0.00	25.38 2.03 0.00	24.10 1.95 0.00	23.87 1.95 0.00	23.56 1.87 0.00	24.00 1.92 0.00	25.65 2.15 -0.09	30.58 2.27 -1.02	30.62 2.13 -0.87	32.41 2.08 -2.95	28.87 1.85 -1.64	24.63 1.82 0.00	23.05 1.59 0.00	20.77 1.01 0.00
FARRAGUT___LBMP 323566	20.15 1.19 0.00	18.25 1.07 0.00	15.45 0.86 0.00	15.41 0.86 0.00	15.53 0.84 0.00	19.67 1.10 0.00	27.97 1.55 -0.64	29.84 2.01 -0.97	29.97 2.03 -2.52	27.85 2.24 -0.18	26.42 2.05 0.00	25.36 2.01 0.00	24.08 1.93 0.00	23.85 1.93 0.00	23.54 1.84 0.00	23.97 1.90 0.00	25.63 2.13 -0.09	30.55 2.24 -1.02	30.62 2.13 -0.87	32.41 2.08 -2.95	28.87 1.85 -1.64	24.63 1.82 0.00	23.03 1.57 0.00	20.75 0.99 0.00
FENNER___WINDPWR 24204	19.37 0.42 0.00	17.55 0.36 0.00	14.91 0.32 0.00	14.86 0.31 0.00	15.02 0.32 0.00	19.00 0.43 0.00	26.43 0.57 -0.08	27.45 0.48 -0.11	26.27 0.56 -0.30	26.04 0.59 -0.02	24.94 0.56 0.00	23.86 0.51 0.00	22.64 0.49 0.00	22.38 0.46 0.00	22.15 0.46 0.00	22.54 0.46 0.00	23.86 0.44 -0.01	27.95 0.55 -0.11	28.30 0.58 -0.09	28.38 0.68 -0.32	26.12 0.56 -0.17	23.31 0.50 0.00	21.94 0.47 0.00	20.30 0.53 0.00
FIBERTEK___ENERGY 23856	19.18 0.23 0.00	17.37 0.19 0.00	14.73 0.15 0.00	14.70 0.15 0.00	14.86 0.16 0.00	18.76 0.19 0.00	26.13 0.28 -0.06	27.03 0.08 -0.10	25.69 0.03 -0.25	25.45 0.00 -0.02	24.45 0.07 0.00	23.44 0.09 0.00	22.26 0.11 0.00	22.03 0.11 0.00	21.80 0.11 0.00	22.16 0.09 0.00	23.44 0.02 -0.01	27.47 0.08 -0.10	27.76 0.06 -0.09	27.72 0.05 -0.28	25.59 0.05 -0.16	22.83 0.02 0.00	21.49 0.02 0.00	19.96 0.20 0.00
FITZPATRICK____ 23598	18.59 -0.36 0.00	16.86 -0.33 0.00	14.31 -0.28 0.00	14.28 -0.28 0.00	14.42 -0.28 0.00	18.20 -0.37 0.00	25.31 -0.52 -0.04	26.13 -0.78 -0.06	24.80 -0.76 -0.15	24.63 -0.81 -0.01	23.62 -0.76 0.00	22.65 -0.70 0.00	21.51 -0.64 0.00	21.28 -0.64 0.00	21.06 -0.63 0.00	21.43 -0.64 0.00	22.71 -0.70 -0.01	26.56 -0.79 -0.06	26.84 -0.83 -0.05	26.73 -0.82 -0.17	24.74 -0.74 -0.09	22.08 -0.73 0.00	20.84 -0.62 0.00	19.37 -0.40 0.00
FLOWRFLD_69_KV_BK1 356044	33.63 1.93 -12.74	32.12 1.74 -13.20	34.90 1.43 -18.88	19.32 1.43 -3.34	19.67 1.41 -3.56	23.05 1.69 -2.78	35.36 2.50 -7.07	30.75 2.93 -0.97	31.06 2.97 -2.67	28.96 3.26 -0.28	45.11 3.12 -17.62	34.40 3.04 -8.01	25.84 2.90 -0.79	25.27 2.92 -0.44	38.12 2.84 -13.59	41.59 2.89 -16.63	49.32 3.18 -22.73	51.31 3.41 -20.61	64.06 3.34 -33.10	61.00 3.26 -30.36	60.81 3.10 -32.33	58.08 2.92 -32.35	29.11 2.62 -5.03	32.87 1.78 -11.33
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	20.09 1.14 0.00	18.20 1.01 0.00	15.42 0.83 0.00	15.37 0.82 0.00	15.51 0.81 0.00	19.61 1.04 0.00	27.90 1.47 -0.64	29.68 1.85 -0.97	29.74 1.80 -2.52	27.54 1.93 -0.18	26.13 1.76 0.00	25.01 1.66 0.00	23.74 1.59 0.00	23.50 1.58 0.00	23.23 1.54 0.00	23.64 1.57 0.00	25.28 1.78 -0.09	30.33 2.02 -1.02	30.50 2.02 -0.87	32.35 2.03 -2.94	28.77 1.75 -1.63	24.47 1.66 0.00	22.84 1.37 0.00	20.69 0.93 0.00
FORT ORANGE____ 23900	19.48 0.53 0.00	17.65 0.46 0.00	15.01 0.42 0.00	14.98 0.42 0.00	15.11 0.41 0.00	19.09 0.52 0.00	27.25 0.67 -0.80	28.94 0.88 -1.21	29.35 0.81 -3.13	26.47 0.81 -0.22	25.08 0.71 0.00	24.00 0.65 0.00	22.75 0.60 0.00	22.53 0.61 0.00	22.28 0.59 0.00	22.69 0.62 0.00	24.22 0.70 -0.11	29.49 0.90 -1.30	29.66 0.94 -1.10	32.02 0.93 -3.71	28.33 0.89 -2.06	23.61 0.80 0.00	22.09 0.62 0.00	20.06 0.30 0.00
FORT_DRUM_COGEN 23780	19.37 0.42 0.00	17.58 0.40 0.00	14.94 0.35 0.00	14.87 0.32 0.00	15.08 0.38 0.00	19.09 0.52 0.00	26.67 0.85 -0.04	27.77 0.86 -0.06	26.25 0.69 -0.15	26.05 0.61 -0.01	24.99 0.61 0.00	23.86 0.51 0.00	22.64 0.49 0.00	22.31 0.39 0.00	22.08 0.39 0.00	22.52 0.44 0.00	23.91 0.49 -0.01	28.09 0.74 -0.06	28.56 0.88 -0.05	28.70 1.15 -0.17	26.39 0.91 -0.09	23.54 0.73 0.00	22.04 0.58 0.00	20.43 0.67 0.00
FPL_FAR_ROCK_GT1 24212	20.80 1.82 -0.03	18.85 1.63 -0.03	15.96 1.33 -0.05	15.88 1.32 0.00	16.01 1.31 0.00	20.15 1.58 0.00	28.73 2.29 -0.65	30.19 2.36 -0.97	30.37 2.44 -2.52	28.30 2.69 -0.18	27.04 2.61 -0.06	25.90 2.52 -0.03	24.57 2.41 -0.01	24.32 2.39 -0.01	24.08 2.34 -0.05	24.63 2.45 -0.11	26.26 2.69 -0.16	31.45 3.08 -1.08	31.61 3.01 -0.98	33.32 2.98 -2.95	29.80 2.69 -1.73	25.42 2.51 -0.10	23.81 2.32 -0.02	21.43 1.64 -0.02
FPL_FAR_ROCK_GT2 23815	20.80 1.82 -0.03	18.85 1.63 -0.03	15.96 1.33 -0.05	15.88 1.32 0.00	16.01 1.31 0.00	20.15 1.58 0.00	28.73 2.29 -0.65	30.19 2.36 -0.97	30.37 2.44 -2.52	28.30 2.69 -0.18	27.04 2.61 -0.06	25.90 2.52 -0.03	24.57 2.41 -0.01	24.32 2.39 -0.01	24.08 2.34 -0.05	24.63 2.45 -0.11	26.26 2.69 -0.16	31.45 3.08 -1.08	31.61 3.01 -0.98	33.32 2.98 -2.95	29.80 2.69 -1.73	25.42 2.51 -0.10	23.81 2.32 -0.02	21.43 1.64 -0.02
FRANKLIN_FALL_HYD 24054	18.82 -0.13 0.00	17.20 0.02 0.00	14.67 0.09 0.00	14.70 0.15 0.00	14.86 0.16 0.00	18.81 0.24 0.00	26.14 0.36 0.00	27.36 0.51 0.00	26.02 0.61 0.00	26.04 0.61 0.00	25.06 0.68 0.00	23.91 0.56 0.00	22.57 0.42 0.00	22.29 0.37 0.00	22.04 0.35 0.00	22.45 0.38 0.00	23.74 0.33 0.00	27.64 0.35 0.00	28.03 0.41 0.00	27.76 0.38 0.00	25.76 0.38 0.00	23.26 0.46 0.00	22.00 0.54 0.00	20.20 0.43 0.00
FREEPORT_EQUS_GT1 23764	20.75 1.69 -0.11	18.81 1.51 -0.12	16.00 1.24 -0.17	15.81 1.24 -0.02	15.94 1.22 -0.03	20.06 1.47 -0.02	28.60 2.11 -0.70	30.19 2.36 -0.97	30.37 2.44 -2.52	28.28 2.67 -0.18	27.11 2.56 -0.18	25.93 2.50 -0.08	24.56 2.39 -0.01	24.34 2.41 -0.01	24.17 2.34 -0.14	24.68 2.38 -0.22	26.30 2.58 -0.31	31.39 2.89 -1.21	31.65 2.85 -1.19	33.15 2.79 -2.98	29.86 2.54 -1.94	25.52 2.39 -0.32	23.71 2.19 -0.06	21.36 1.50 -0.10
FREEPORT___CT2 23818	20.75 1.69 -0.11	18.81 1.51 -0.12	16.00 1.24 -0.17	15.81 1.24 -0.02	15.94 1.22 -0.03	20.06 1.47 -0.02	28.60 2.11 -0.70	30.19 2.36 -0.97	30.37 2.44 -2.52	28.28 2.67 -0.18	27.11 2.56 -0.18	25.93 2.50 -0.08	24.56 2.39 -0.01	24.34 2.41 -0.01	24.17 2.34 -0.14	24.68 2.38 -0.22	26.30 2.58 -0.31	31.39 2.89 -1.21	31.65 2.85 -1.19	33.15 2.79 -2.98	29.86 2.54 -1.94	25.52 2.39 -0.32	23.71 2.19 -0.06	21.36 1.50 -0.10

FRESHKLS_33_KV_LOAD 356253	20.11 1.16 0.00	18.20 1.01 0.00	15.40 0.82 0.00	15.35 0.80 0.00	15.48 0.78 0.00	19.58 1.00 -0.01	27.86 1.44 -0.63	29.78 1.96 -0.96	29.93 2.01 -2.51	27.81 2.21 -0.17	26.37 2.00 0.01	25.33 1.98 0.01	24.05 1.90 0.01	23.82 1.91 0.01	23.51 1.82 0.01	23.94 1.88 0.01	25.62 2.13 -0.08	30.60 2.29 -1.02	30.66 2.18 -0.86	32.45 2.14 -2.94	28.86 1.85 -1.63	24.60 1.80 0.01	22.96 1.50 0.01	20.69 0.93 0.00
FULTON COGEN____ 23766	19.33 0.38 0.00	17.51 0.33 0.00	14.85 0.26 0.00	14.82 0.26 0.00	14.98 0.28 0.00	18.91 0.33 0.00	26.38 0.54 -0.05	27.23 0.30 -0.08	25.86 0.23 -0.21	25.62 0.18 -0.02	24.64 0.27 0.00	23.63 0.28 0.00	22.44 0.29 0.00	22.18 0.26 0.00	21.98 0.28 0.00	22.34 0.26 0.00	23.63 0.21 -0.01	27.71 0.33 -0.09	28.00 0.30 -0.08	27.98 0.36 -0.24	25.82 0.30 -0.13	23.01 0.21 0.00	21.64 0.17 0.00	20.16 0.40 0.00
FULTON____LFGE 323630	21.17 2.22 0.00	19.13 1.94 0.00	16.19 1.60 0.00	16.20 1.64 0.00	16.36 1.66 0.00	20.84 2.26 0.00	30.02 3.40 -0.83	31.38 3.27 -1.26	31.69 3.02 -3.26	28.28 2.62 -0.23	26.77 2.39 0.00	25.54 2.19 0.00	24.05 1.91 0.00	23.82 1.91 0.00	23.52 1.82 0.00	24.02 1.94 0.00	25.46 1.92 -0.13	31.34 2.51 -1.55	31.64 2.71 -1.31	34.50 2.71 -4.41	30.45 2.62 -2.45	25.11 2.30 0.00	23.53 2.06 0.00	21.48 1.72 0.00
G.F.CEMENT____DRP 24184	20.36 1.40 0.00	18.40 1.22 0.00	15.59 1.01 0.00	15.56 1.00 0.00	15.71 1.01 0.00	19.95 1.37 0.00	28.62 2.01 -0.83	30.38 2.28 -1.25	30.78 2.13 -3.23	27.67 2.01 -0.23	26.28 1.90 0.00	25.15 1.80 0.00	23.74 1.59 0.00	23.52 1.60 0.00	23.23 1.54 0.00	23.53 1.46 0.00	25.16 1.64 -0.11	30.57 1.96 -1.31	30.75 2.02 -1.12	33.22 1.97 -3.87	29.61 2.08 -2.15	24.61 1.80 0.00	23.07 1.61 0.00	20.93 1.17 0.00
GARDENVILLE____LBMP 24039	19.45 0.49 0.00	17.61 0.43 0.00	14.98 0.39 0.00	14.98 0.42 0.00	15.12 0.43 0.00	18.91 0.33 0.00	25.24 -0.64 -0.10	26.04 -0.97 -0.15	25.25 -0.56 -0.39	25.43 -0.03 -0.03	24.57 0.20 0.00	23.70 0.35 0.00	22.53 0.38 0.00	22.27 0.35 0.00	22.15 0.46 0.00	22.65 0.57 0.00	23.54 0.12 -0.01	26.99 -0.46 -0.16	27.40 -0.36 -0.14	27.22 -0.60 -0.44	25.35 -0.28 -0.25	23.08 0.27 0.00	21.53 0.06 0.00	20.22 0.45 0.00
GARDNVLA_35_KV_LD 355827	19.56 0.61 0.00	17.72 0.53 0.00	15.07 0.48 0.00	15.05 0.49 0.00	15.21 0.51 0.00	19.02 0.45 0.00	25.34 -0.54 -0.10	26.15 -0.86 -0.15	25.35 -0.46 -0.39	25.61 0.15 -0.03	24.72 0.34 0.00	23.86 0.51 0.00	22.68 0.53 0.00	22.42 0.50 0.00	22.30 0.61 0.00	22.80 0.73 0.00	23.70 0.28 -0.01	27.13 -0.33 -0.16	27.54 -0.22 -0.14	27.33 -0.49 -0.44	25.48 -0.15 -0.25	23.24 0.43 0.00	21.68 0.21 0.00	20.36 0.59 0.00
GELCKHM__115KV_LOAD 80723	18.99 0.04 0.00	17.20 0.02 0.00	14.60 0.01 0.00	14.57 0.01 0.00	14.71 0.01 0.00	18.57 0.00 0.00	25.87 0.03 -0.06	26.75 -0.19 -0.09	25.41 -0.23 -0.23	25.19 -0.25 -0.02	24.18 -0.20 0.00	23.21 -0.14 0.00	22.04 -0.11 0.00	21.79 -0.13 0.00	21.59 -0.11 0.00	21.94 -0.13 0.00	23.21 -0.21 -0.01	27.19 -0.19 -0.09	27.48 -0.22 -0.08	27.44 -0.19 -0.25	25.35 -0.18 -0.14	22.60 -0.21 0.00	21.27 -0.19 0.00	19.76 0.00 0.00
GENERAL____MILLS 23808	19.52 0.57 0.00	17.68 0.50 0.00	15.04 0.45 0.00	15.03 0.48 0.00	15.18 0.49 0.00	18.98 0.41 0.00	25.29 -0.59 -0.10	26.07 -0.94 -0.15	25.30 -0.51 -0.39	25.56 0.10 -0.03	24.67 0.29 0.00	23.82 0.47 0.00	22.64 0.49 0.00	22.38 0.46 0.00	22.26 0.56 0.00	22.74 0.66 0.00	23.63 0.21 -0.01	27.04 -0.41 -0.16	27.46 -0.30 -0.14	27.28 -0.55 -0.44	25.40 -0.23 -0.25	23.17 0.36 0.00	21.61 0.15 0.00	20.32 0.55 0.00
GE_PLASTICS____DRP 24183	19.48 0.53 0.00	17.65 0.46 0.00	15.00 0.41 0.00	14.96 0.41 0.00	15.09 0.40 0.00	19.07 0.50 0.00	27.26 0.67 -0.80	28.95 0.89 -1.21	29.39 0.84 -3.14	26.49 0.84 -0.22	25.13 0.76 0.00	24.07 0.72 0.00	22.81 0.66 0.00	22.60 0.68 0.00	22.34 0.65 0.00	22.74 0.66 0.00	24.29 0.77 -0.11	29.46 0.90 -1.27	29.61 0.91 -1.08	31.99 0.90 -3.71	28.30 0.86 -2.06	23.58 0.78 0.00	22.07 0.60 0.00	20.10 0.34 0.00
GILBOA____1 23756	19.58 0.62 0.00	17.73 0.55 0.00	15.04 0.45 0.00	15.01 0.45 0.00	15.14 0.44 0.00	19.15 0.58 0.00	27.18 0.77 -0.62	28.76 0.97 -0.94	28.80 0.94 -2.44	26.59 0.99 -0.17	25.30 0.93 0.00	24.24 0.89 0.00	22.99 0.84 0.00	22.75 0.83 0.00	22.52 0.82 0.00	22.91 0.84 0.00	24.38 0.89 -0.09	29.27 0.98 -1.00	29.46 0.99 -0.85	31.21 0.98 -2.84	27.90 0.94 -1.58	23.70 0.89 0.00	22.22 0.75 0.00	20.24 0.47 0.00
GILBOA____2 23757	19.58 0.62 0.00	17.73 0.55 0.00	15.04 0.45 0.00	15.01 0.45 0.00	15.14 0.44 0.00	19.15 0.58 0.00	27.18 0.77 -0.62	28.76 0.97 -0.94	28.80 0.94 -2.44	26.59 0.99 -0.17	25.30 0.93 0.00	24.24 0.89 0.00	22.99 0.84 0.00	22.75 0.83 0.00	22.52 0.82 0.00	22.91 0.84 0.00	24.38 0.89 -0.09	29.27 0.98 -1.00	29.46 0.99 -0.85	31.21 0.98 -2.84	27.90 0.94 -1.58	23.70 0.89 0.00	22.22 0.75 0.00	20.24 0.47 0.00
GILBOA____3 23758	19.58 0.62 0.00	17.73 0.55 0.00	15.04 0.45 0.00	15.01 0.45 0.00	15.14 0.44 0.00	19.15 0.58 0.00	27.18 0.77 -0.62	28.76 0.97 -0.94	28.80 0.94 -2.44	26.59 0.99 -0.17	25.30 0.93 0.00	24.24 0.89 0.00	22.99 0.84 0.00	22.75 0.83 0.00	22.52 0.82 0.00	22.91 0.84 0.00	24.38 0.89 -0.09	29.27 0.98 -1.00	29.46 0.99 -0.85	31.21 0.98 -2.84	27.90 0.94 -1.58	23.70 0.89 0.00	22.22 0.75 0.00	20.24 0.47 0.00
GILBOA____4 23759	19.58 0.62 0.00	17.73 0.55 0.00	15.04 0.45 0.00	15.01 0.45 0.00	15.14 0.44 0.00	19.15 0.58 0.00	27.18 0.77 -0.62	28.76 0.97 -0.94	28.80 0.94 -2.44	26.59 0.99 -0.17	25.30 0.93 0.00	24.24 0.89 0.00	22.99 0.84 0.00	22.75 0.83 0.00	22.52 0.82 0.00	22.91 0.84 0.00	24.38 0.89 -0.09	29.27 0.98 -1.00	29.46 0.99 -0.85	31.21 0.98 -2.84	27.90 0.94 -1.58	23.70 0.89 0.00	22.22 0.75 0.00	20.24 0.47 0.00
GILBOA____ 23599	19.58 0.63 0.00	17.73 0.55 0.00	15.04 0.45 0.00	15.00 0.45 0.00	15.14 0.44 0.00	19.15 0.58 0.00	27.18 0.77 -0.62	28.76 0.97 -0.94	28.79 0.94 -2.44	26.59 0.99 -0.17	25.30 0.93 0.00	24.24 0.89 0.00	22.99 0.84 0.00	22.75 0.83 0.00	22.52 0.82 0.00	22.91 0.84 0.00	24.43 0.94 -0.09	29.26 0.98 -0.99	29.46 0.99 -0.84	31.21 0.99 -2.84	27.90 0.94 -1.58	23.70 0.89 0.00	22.19 0.73 0.00	20.24 0.47 0.00
GINNA____ 23603	18.14 -0.81 0.00	16.41 -0.77 0.00	13.95 -0.64 0.00	13.91 -0.64 0.00	14.07 -0.63 0.00	17.64 -0.93 0.00	24.67 -1.19 -0.07	25.56 -1.40 -0.11	24.52 -1.17 -0.28	24.03 -1.42 -0.02	23.13 -1.24 0.00	22.18 -1.17 0.00	21.06 -1.08 0.00	20.84 -1.07 0.00	20.70 -1.00 0.00	21.08 -0.99 0.00	22.39 -1.03 -0.01	26.31 -1.09 -0.11	26.64 -1.08 -0.09	26.57 -1.12 -0.31	24.59 -0.96 -0.17	21.58 -1.23 0.00	20.39 -1.07 0.00	18.89 -0.87 0.00

GOWANUS_GT1_1 24077	20.24 1.29 0.00	18.34 1.15 0.00	15.52 0.93 0.00	15.47 0.92 0.00	15.59 0.90 0.00	19.73 1.15 -0.01	28.08 1.65 -0.64	29.98 2.15 -0.98	30.13 2.19 -2.53	30.33 2.39 -2.51	28.37 2.17 -1.83	29.34 2.15 -3.85	29.34 2.06 -5.13	29.34 2.06 -5.36	27.44 1.97 -3.78	27.44 2.03 -3.34	29.41 2.29 -3.71	35.46 2.43 -5.74	30.85 2.35 -0.88	32.63 2.30 -2.95	29.03 2.01 -1.64	24.78 1.96 -0.01	23.15 1.67 -0.01	20.85 1.09 0.00
GOWANUS_GT1_2 24078	20.24 1.29 0.00	18.34 1.15 0.00	15.52 0.93 0.00	15.47 0.92 0.00	15.59 0.90 0.00	19.73 1.15 -0.01	28.08 1.65 -0.64	29.98 2.15 -0.98	30.13 2.19 -2.53	30.33 2.39 -2.51	28.37 2.17 -1.83	29.34 2.15 -3.85	29.34 2.06 -5.13	29.34 2.06 -5.36	27.44 1.97 -3.78	27.44 2.03 -3.34	29.41 2.29 -3.71	35.46 2.43 -5.74	30.85 2.35 -0.88	32.63 2.30 -2.95	29.03 2.01 -1.64	24.78 1.96 -0.01	23.15 1.67 -0.01	20.85 1.09 0.00
GOWANUS_GT1_3 24079	20.24 1.29 0.00	18.34 1.15 0.00	15.52 0.93 0.00	15.47 0.92 0.00	15.59 0.90 0.00	19.73 1.15 -0.01	28.08 1.65 -0.64	29.98 2.15 -0.98	30.13 2.19 -2.53	30.33 2.39 -2.51	28.37 2.17 -1.83	29.34 2.15 -3.85	29.34 2.06 -5.13	29.34 2.06 -5.36	27.44 1.97 -3.78	27.44 2.03 -3.34	29.41 2.29 -3.71	35.46 2.43 -5.74	30.85 2.35 -0.88	32.63 2.30 -2.95	29.03 2.01 -1.64	24.78 1.96 -0.01	23.15 1.67 -0.01	20.85 1.09 0.00
GOWANUS_GT1_4 24080	20.24 1.29 0.00	18.34 1.15 0.00	15.52 0.93 0.00	15.47 0.92 0.00	15.59 0.90 0.00	19.73 1.15 -0.01	28.08 1.65 -0.64	29.98 2.15 -0.98	30.13 2.19 -2.53	30.33 2.39 -2.51	28.37 2.17 -1.83	29.34 2.15 -3.85	29.34 2.06 -5.13	29.34 2.06 -5.36	27.44 1.97 -3.78	27.44 2.03 -3.34	29.41 2.29 -3.71	35.46 2.43 -5.74	30.85 2.35 -0.88	32.63 2.30 -2.95	29.03 2.01 -1.64	24.78 1.96 -0.01	23.15 1.67 -0.01	20.85 1.09 0.00
GOWANUS_GT1_5 24084	20.24 1.29 0.00	18.34 1.15 0.00	15.52 0.93 0.00	15.47 0.92 0.00	15.59 0.90 0.00	19.73 1.15 -0.01	28.08 1.65 -0.64	29.98 2.15 -0.98	30.13 2.19 -2.53	30.33 2.39 -2.51	28.37 2.17 -1.83	29.34 2.15 -3.85	29.34 2.06 -5.13	29.34 2.06 -5.36	27.44 1.97 -3.78	27.44 2.03 -3.34	29.41 2.29 -3.71	35.46 2.43 -5.74	30.85 2.35 -0.88	32.63 2.30 -2.95	29.03 2.01 -1.64	24.78 1.96 -0.01	23.15 1.67 -0.01	20.85 1.09 0.00
GOWANUS_GT1_6 24111	20.24 1.29 0.00	18.34 1.15 0.00	15.52 0.93 0.00	15.47 0.92 0.00	15.59 0.90 0.00	19.73 1.15 -0.01	28.08 1.65 -0.64	29.98 2.15 -0.98	30.13 2.19 -2.53	30.33 2.39 -2.51	28.37 2.17 -1.83	29.34 2.15 -3.85	29.34 2.06 -5.13	29.34 2.06 -5.36	27.44 1.97 -3.78	27.44 2.03 -3.34	29.41 2.29 -3.71	35.46 2.43 -5.74	30.85 2.35 -0.88	32.63 2.30 -2.95	29.03 2.01 -1.64	24.78 1.96 -0.01	23.15 1.67 -0.01	20.85 1.09 0.00
GOWANUS_GT1_7 24112	20.24 1.29 0.00	18.34 1.15 0.00	15.52 0.93 0.00	15.47 0.92 0.00	15.59 0.90 0.00	19.73 1.15 -0.01	28.08 1.65 -0.64	29.98 2.15 -0.98	30.13 2.19 -2.53	30.33 2.39 -2.51	28.37 2.17 -1.83	29.34 2.15 -3.85	29.34 2.06 -5.13	29.34 2.06 -5.36	27.44 1.97 -3.78	27.44 2.03 -3.34	29.41 2.29 -3.71	35.46 2.43 -5.74	30.85 2.35 -0.88	32.63 2.30 -2.95	29.03 2.01 -1.64	24.78 1.96 -0.01	23.15 1.67 -0.01	20.85 1.09 0.00
GOWANUS_GT1_8 24113	20.24 1.29 0.00	18.34 1.15 0.00	15.52 0.93 0.00	15.47 0.92 0.00																				

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INDECK___OLEAN 23982	19.83 0.87 0.00	17.94 0.76 0.00	15.24 0.66 0.00	15.24 0.68 0.00	15.37 0.68 0.00	19.26 0.69 0.00	24.71 -1.19 -0.11	25.71 -1.32 -0.17	24.91 -0.94 -0.44	26.17 0.71 -0.03	25.25 0.88 0.00	24.38 1.03 0.00	23.21 1.06 0.00	22.93 1.01 0.00	22.80 1.11 0.00	23.29 1.21 0.00	22.77 -0.66 -0.01	26.78 -0.68 -0.17	27.13 -0.63 -0.15	27.08 -0.79 -0.49	25.07 -0.58 -0.27	23.72 0.91 0.00	22.30 0.84 0.00	20.59 0.83 0.00
INDECK___OSWEGO 23783	19.41 0.45 0.00	17.56 0.38 0.00	14.91 0.32 0.00	14.86 0.31 0.00	15.04 0.34 0.00	18.98 0.41 0.00	26.48 0.64 -0.05	27.42 0.48 -0.08	26.03 0.41 -0.21	25.80 0.36 -0.02	24.82 0.44 0.00	23.77 0.42 0.00	22.57 0.42 0.00	22.31 0.39 0.00	22.10 0.41 0.00	22.47 0.40 0.00	23.46 0.05 -0.01	27.43 0.05 -0.08	27.72 0.03 -0.07	27.70 0.08 -0.24	25.59 0.08 -0.13	22.81 0.00 0.00	21.83 0.36 0.00	20.24 0.47 0.00
INDECK___YERKES 23781	19.35 0.40 0.00	17.53 0.34 0.00	14.95 0.36 0.00	14.95 0.39 0.00	15.08 0.38 0.00	18.81 0.24 0.00	25.31 -0.57 -0.10	26.03 -0.97 -0.14	25.25 -0.53 -0.37	25.20 -0.25 -0.03	24.33 -0.05 0.00	23.47 0.12 0.00	22.32 0.18 0.00	22.05 0.13 0.00	21.93 0.24 0.00	22.43 0.35 0.00	23.02 -0.40 -0.01	27.05 -0.38 -0.15	27.50 -0.25 -0.12	27.28 -0.52 -0.42	25.44 -0.18 -0.23	22.81 0.00 0.00	21.55 0.09 0.00	20.10 0.34 0.00
INDIAN POINT_GT_1 24139	20.00 1.04 0.00	18.11 0.93 0.00	15.35 0.76 0.00	15.30 0.74 0.00	15.42 0.72 0.00	19.52 0.95 0.00	27.75 1.34 -0.63	29.55 1.75 -0.95	29.63 1.75 -2.46	27.49 1.88 -0.17	26.11 1.73 0.00	25.03 1.68 0.00	23.77 1.62 0.00	23.52 1.60 0.00	23.26 1.56 0.00	23.66 1.59 0.00	25.30 1.80 -0.09	30.23 1.94 -1.00	30.35 1.88 -0.85	32.12 1.86 -2.87	28.63 1.65 -1.59	24.40 1.60 0.00	22.77 1.31 0.00	20.59 0.83 0.00
INDIAN POINT_GT_2 23659	20.00 1.04 0.00	18.11 0.93 0.00	15.35 0.76 0.00	15.30 0.74 0.00	15.42 0.72 0.00	19.52 0.95 0.00	27.75 1.34 -0.63	29.55 1.75 -0.95	29.63 1.75 -2.46	27.49 1.88 -0.17	26.11 1.73 0.00	25.03 1.68 0.00	23.77 1.62 0.00	23.52 1.60 0.00	23.26 1.56 0.00	23.66 1.59 0.00	25.30 1.80 -0.09	30.23 1.94 -1.00	30.35 1.88 -0.85	32.12 1.86 -2.87	28.63 1.65 -1.59	24.40 1.60 0.00	22.77 1.31 0.00	20.59 0.83 0.00
INDIAN POINT_GT_3 24019	20.00 1.04 0.00	18.11 0.93 0.00	15.35 0.76 0.00	15.30 0.74 0.00	15.42 0.72 0.00	19.52 0.95 0.00	27.75 1.34 -0.63	29.55 1.75 -0.95	29.63 1.75 -2.46	27.49 1.88 -0.17	26.11 1.73 0.00	25.03 1.68 0.00	23.77 1.62 0.00	23.52 1.60 0.00	23.26 1.56 0.00	23.66 1.59 0.00	25.30 1.80 -0.09	30.23 1.94 -1.00	30.35 1.88 -0.85	32.12 1.86 -2.87	28.63 1.65 -1.59	24.40 1.60 0.00	22.77 1.31 0.00	20.59 0.83 0.00
INDIAN POINT___2 23530	19.98 1.02 0.00	18.09 0.91 0.00	15.33 0.74 0.00	15.30 0.74 0.00	15.42 0.72 0.00	19.52 0.95 0.00	27.71 1.31 -0.62	29.50 1.72 -0.93	29.55 1.73 -2.41	27.46 1.86 -0.17	26.08 1.71 0.00	25.01 1.66 0.00	23.74 1.60 0.00	23.52 1.60 0.00	23.23 1.54 0.00	23.66 1.59 0.00	25.23 1.73 -0.08	30.18 1.91 -0.99	30.31 1.85 -0.84	32.03 1.83 -2.81	28.57 1.63 -1.56	24.38 1.57 0.00	22.82 1.35 0.00	20.59 0.83 0.00
INDIAN POINT___3 23531	19.98 1.02 0.00	18.11 0.93 0.00	15.35 0.76 0.00	15.30 0.74 0.00	15.42 0.72 0.00	19.52 0.95 0.00	27.76 1.34 -0.63	29.55 1.75 -0.95	29.61 1.73 -2.47	27.46 1.86 -0.17	26.08 1.71 0.00	25.01 1.66 0.00	23.77 1.62 0.00	23.52 1.60 0.00	23.23 1.54 0.00	23.66 1.59 0.00	25.27 1.78 -0.09	30.23 1.94 -1.00	30.32 1.85 -0.85	32.10 1.83 -2.89	28.61 1.62 -1.60	24.38 1.57 0.00	22.77 1.31 0.00	20.59 0.83 0.00
INGHAM_C_115KV_TB7 356103	18.67 -0.28 0.00	16.94 -0.24 0.00	14.40 -0.19 0.00	14.36 -0.19 0.00	14.51 -0.19 0.00	18.35 -0.22 0.00	25.50 -0.28 0.00	26.42 -0.43 0.00	25.03 -0.38 0.00	25.10 -0.33 0.00	24.06 -0.32 0.00	23.07 -0.28 0.00	21.93 -0.22 0.00	21.70 -0.22 0.00	21.48 -0.22 0.00	21.85 -0.22 0.00	23.15 -0.26 0.00	26.99 -0.30 0.00	27.32 -0.30 0.00	27.11 -0.27 0.00	25.08 -0.30 0.00	22.53 -0.27 0.00	21.16 -0.30 0.00	19.62 -0.14 0.00
IP CORINTH___1 23988	20.34 1.38 0.00	18.39 1.20 0.00	15.58 0.99 0.00	15.54 0.99 0.00	15.70 1.00 0.00	19.93 1.36 0.00	28.60 1.99 -0.83	30.36 2.26 -1.25	30.78 2.13 -3.24	27.67 2.01 -0.23	26.28 1.90 0.00	25.15 1.80 0.00	23.74 1.59 0.00	23.52 1.60 0.00	23.23 1.54 0.00	23.49 1.41 0.00	25.11 1.59 -0.11	30.51 1.91 -1.32	30.64 1.91 -1.12	33.12 1.86 -3.88	29.57 2.03 -2.15	24.56 1.76 0.00	23.07 1.61 0.00	20.93 1.17 0.00
IP___TICONDEROGA 23804	20.43 1.48 0.00	18.47 1.29 0.00	15.65 1.06 0.00	15.62 1.06 0.00	15.77 1.07 0.00	20.04 1.47 0.00	28.78 2.17 -0.83	30.68 2.58 -1.25	31.09 2.44 -3.23	27.92 2.26 -0.23	26.52 2.15 0.00	25.38 2.03 0.00	23.94 1.79 0.00	23.72 1.80 0.00	23.43 1.74 0.00	23.71 1.63 0.00	25.37 1.85 -0.11	30.84 2.24 -1.31	31.00 2.26 -1.12	33.47 2.22 -3.88	29.87 2.34 -2.15	24.84 2.03 0.00	23.29 1.82 0.00	21.01 1.25 0.00
ISLIP_RES_REC 323679	29.70 2.03 -8.72	28.02 1.80 -9.03	29.01 1.50 -12.92	18.33 1.50 -2.28	18.61 1.48 -2.43	22.28 1.80 -1.90	33.46 2.63 -5.05	30.91 3.09 -0.97	31.17 3.13 -2.63	29.08 3.41 -0.25	39.68 3.24 -12.06	31.99 3.15 -5.49	25.69 2.99 -0.55	25.23 3.00 -0.31	33.95 2.95 -9.30	36.47 3.00 -11.40	42.23 3.23 -15.59	45.33 3.60 -14.44	54.09 3.54 -22.93	52.46 3.42 -21.66	51.28 3.25 -22.64	47.96 3.01 -22.14	27.65 2.75 -3.44	29.37 1.86 -7.75
JAMAICA__27_KV_LOAD 355505	20.20 1.25 0.00	18.30 1.12 0.00	15.48 0.89 0.00	15.44 0.89 0.00	15.55 0.85 0.00	19.72 1.15 0.00	28.08 1.65 -0.64	30.03 2.20 -0.97	30.19 2.26 -2.52	28.08 2.47 -0.18	26.55 2.17 0.00	25.47 2.12 0.00	24.19 2.04 0.00	23.96 2.04 0.00	23.65 1.95 0.00	24.11 2.03 0.00	25.79 2.29 -0.09	30.66 2.35 -1.02	30.73 2.24 -0.87	32.52 2.19 -2.95	28.95 1.93 -1.64	24.72 1.92 0.00	23.20 1.74 0.00	20.85 1.09 0.00
JANIS___SOLAR 323808	19.88 0.93 0.00	18.01 0.82 0.00	15.29 0.70 0.00	15.24 0.68 0.00	15.43 0.73 0.00	19.50 0.93 0.00	27.20 1.24 -0.17	28.38 1.26 -0.26	27.21 1.12 -0.68	26.60 1.12 -0.05	25.45 1.07 0.00	24.31 0.96 0.00	23.08 0.93 0.00	22.77 0.85 0.00	22.58 0.89 0.00	23.04 0.97 0.00	24.34 0.91 -0.02	28.79 1.26 -0.25	29.21 1.38 -0.21	29.62 1.53 -0.70	27.09 1.32 -0.39	24.02 1.21 0.00	22.58 1.12 0.00	20.85 1.09 0.00
JARVIS____ 23743	18.99 0.04 0.00	17.22 0.03 0.00	14.62 0.03 0.00	14.58 0.03 0.00	14.73 0.03 0.00	18.61 0.04 0.00	25.84 0.05 0.00	26.88 0.03 0.00	25.44 0.03 0.00	25.46 0.03 0.00	24.40 0.02 0.00	23.37 0.02 0.00	22.17 0.02 0.00	21.94 0.02 0.00	21.72 0.02 0.00	22.10 0.02 0.00	23.46 0.05 0.00	27.34 0.05 0.00	27.68 0.06 0.00	27.44 0.05 0.00	25.43 0.05 0.00	22.85 0.05 0.00	21.49 0.02 0.00	19.78 0.02 0.00

JENNISON___1 23625	19.98 1.02 0.00	18.11 0.93 0.00	15.38 0.79 0.00	15.31 0.76 0.00	15.51 0.81 0.00	19.61 1.04 0.00	27.30 1.29 -0.23	28.65 1.45 -0.35	27.67 1.35 -0.90	26.94 1.45 -0.06	25.74 1.37 0.00	24.61 1.26 0.00	23.34 1.20 0.00	23.04 1.12 0.00	22.82 1.13 0.00	23.27 1.19 0.00	24.70 1.26 -0.03	29.10 1.45 -0.37	29.48 1.55 -0.31	29.96 1.70 -0.88	27.37 1.50 -0.49	24.27 1.46 0.00	22.67 1.20 0.00	20.95 1.19 0.00
JENNISON___2 23626	19.98 1.02 0.00	18.11 0.93 0.00	15.38 0.79 0.00	15.31 0.76 0.00	15.51 0.81 0.00	19.61 1.04 0.00	27.30 1.29 -0.23	28.65 1.45 -0.35	27.67 1.35 -0.90	26.94 1.45 -0.06	25.74 1.37 0.00	24.61 1.26 0.00	23.34 1.20 0.00	23.04 1.12 0.00	22.82 1.13 0.00	23.27 1.19 0.00	24.70 1.26 -0.03	29.10 1.45 -0.37	29.48 1.55 -0.31	29.96 1.70 -0.88	27.37 1.50 -0.49	24.27 1.46 0.00	22.67 1.20 0.00	20.95 1.19 0.00
JERICHO_RISE_WT_PWR 323719	18.65 -0.30 0.00	17.03 -0.15 0.00	14.53 -0.06 0.00	14.57 0.01 0.00	14.74 0.04 0.00	18.63 0.06 0.00	25.94 0.16 0.00	27.18 0.32 0.00	25.82 0.41 0.00	25.84 0.41 0.00	24.84 0.46 0.00	23.72 0.37 0.00	22.42 0.27 0.00	22.14 0.22 0.00	21.91 0.22 0.00	22.30 0.22 0.00	23.62 0.21 0.00	27.51 0.22 0.00	27.87 0.25 0.00	27.57 0.19 0.00	25.61 0.23 0.00	23.10 0.30 0.00	21.76 0.30 0.00	20.02 0.26 0.00
KATONAH___115KV_46KV_TB4 355592	20.13 1.18 0.00	18.25 1.07 0.00	15.45 0.86 0.00	15.41 0.86 0.00	15.51 0.81 0.00	19.63 1.06 0.00	27.99 1.55 -0.66	29.86 2.01 -0.99	29.95 1.96 -2.58	27.72 2.11 -0.18	26.35 1.97 0.00	25.24 1.89 0.00	23.94 1.79 0.00	23.67 1.75 0.00	23.36 1.67 0.00	23.80 1.72 0.00	25.47 1.97 -0.09	30.55 2.21 -1.05	30.66 2.15 -0.89	32.53 2.14 -3.01	28.93 1.88 -1.67	24.59 1.78 0.00	22.92 1.46 0.00	20.73 0.97 0.00
KCE_NY_1 323755	20.13 1.18 0.00	18.22 1.03 0.00	15.43 0.85 0.00	15.40 0.84 0.00	15.55 0.85 0.00	19.70 1.13 0.00	28.24 1.63 -0.83	29.98 1.88 -1.25	30.40 1.75 -3.23	27.34 1.68 -0.23	25.96 1.58 0.00	24.85 1.50 0.00	23.50 1.35 0.00	23.28 1.36 0.00	23.02 1.32 0.00	23.38 1.30 0.00	24.93 1.40 -0.12	30.42 1.77 -1.36	30.59 1.82 -1.15	33.03 1.78 -3.87	29.33 1.80 -2.15	24.38 1.57 0.00	22.86 1.39 0.00	20.73 0.97 0.00
KCE_NY_6_ESR 323823	19.56 0.61 0.00	17.70 0.52 0.00	15.05 0.47 0.00	15.03 0.48 0.00	15.18 0.48 0.00	19.00 0.43 0.00	25.32 -0.57 -0.10	26.09 -0.91 -0.15	25.32 -0.48 -0.39	25.56 0.10 -0.03	24.69 0.32 0.00	23.84 0.49 0.00	22.68 0.53 0.00	22.38 0.46 0.00	22.28 0.59 0.00	22.76 0.69 0.00	23.12 -0.30 -0.01	27.14 -0.30 -0.16	27.56 -0.19 -0.13	27.36 -0.47 -0.44	25.50 -0.13 -0.25	23.15 0.34 0.00	21.85 0.39 0.00	20.31 0.55 0.00
KEDC_PORT_JEFF_GT2 24210	31.53 1.90 -10.68	29.95 1.70 -11.07	31.83 1.41 -15.83	18.76 1.41 -2.80	19.08 1.40 -2.98	22.59 1.69 -2.33	34.28 2.45 -6.04	30.64 2.82 -0.97	30.94 2.87 -2.65	28.82 3.13 -0.26	42.15 3.00 -14.78	32.97 2.89 -6.72	25.59 2.77 -0.67	25.08 2.78 -0.38	35.80 2.71 -11.40	38.81 2.78 -13.95	45.48 3.00 -19.08	47.91 3.16 -17.46	58.62 3.09 -27.90	56.33 3.01 -25.94	55.70 2.94 -27.37	52.74 2.80 -27.13	28.23 2.55 -4.22	31.00 1.74 -9.50
KEDC_PORT_JEFF_GT3 24211	31.53 1.90 -10.68	29.95 1.70 -11.07	31.83 1.41 -15.83	18.76 1.41 -2.80	19.08 1.40 -2.98	22.59 1.69 -2.33	34.28 2.45 -6.04	30.64 2.82 -0.97	30.94 2.87 -2.65	28.82 3.13 -0.26	42.15 3.00 -14.78	32.97 2.89 -6.72	25.59 2.77 -0.67	25.08 2.78 -0.38	35.80 2.71 -11.40	38.81 2.78 -13.95	45.48 3.00 -19.08	47.91 3.16 -17.46	58.62 3.09 -27.90	56.33 3.01 -25.94	55.70 2.94 -27.37	52.74 2.80 -27.13	28.23 2.55 -4.22	31.00 1.74 -9.50
KEDC_GLWD_GT4 24219	20.52 1.46 -0.11	18.60 1.31 -0.11	15.83 1.08 -0.17	15.64 1.06 -0.02	15.76 1.04 -0.02	19.89 1.30 -0.02	28.36 1.88 -0.70	30.03 2.20 -0.97	30.17 2.24 -2.52	28.05 2.44 -0.18	26.89 2.34 -0.17	25.72 2.29 -0.08	24.36 2.19 -0.01	24.12 2.19 -0.01	23.95 2.13 -0.13	24.45 2.16 -0.21	26.05 2.34 -0.30	30.92 2.43 -1.20	31.14 2.35 -1.18	32.66 2.30 -2.98	29.39 2.08 -1.93	25.26 2.14 -0.31	23.43 1.91 -0.05	21.12 1.27 -0.10
KEDC_GLWD_GT5 24220	20.52 1.46 -0.11	18.60 1.31 -0.11	15.83 1.08 -0.17	15.64 1.06 -0.02	15.76 1.04 -0.02	19.89 1.30 -0.02	28.36 1.88 -0.70	30.03 2.20 -0.97	30.17 2.24 -2.52	28.05 2.44 -0.18	26.89 2.34 -0.17	25.72 2.29 -0.08	24.36 2.19 -0.01	24.12 2.19 -0.01	23.95 2.13 -0.13	24.45 2.16 -0.21	26.05 2.34 -0.30	30.92 2.43 -1.20	31.14 2.35 -1.18	32.66 2.30 -2.98	29.39 2.08 -1.93	25.26 2.14 -0.31	23.43 1.91 -0.05	21.12 1.27 -0.10
KENSICO____ 23655	20.07 1.12 0.00	18.18 1.00 0.00	15.40 0.82 0.00	15.35 0.80 0.00	15.48 0.78 0.00	19.59 1.02 0.00	27.87 1.44 -0.64	29.70 1.88 -0.97	29.77 1.86 -2.51	27.62 2.01 -0.18	26.23 1.85 0.00	25.15 1.80 0.00	23.90 1.75 0.00	23.65 1.73 0.00	23.36 1.67 0.00	23.80 1.72 0.00	25.42 1.92 -0.09	30.38 2.07 -1.02	30.50 2.02 -0.87	32.28 1.97 -2.93	28.76 1.75 -1.63	24.50 1.69 0.00	22.90 1.44 0.00	20.67 0.91 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	19.96 1.00 0.00	18.08 0.89 0.00	15.30 0.71 0.00	15.27 0.71 0.00	15.40 0.71 0.00	19.48 0.91 0.00	27.68 1.31 -0.58	29.28 1.56 -0.87	29.18 1.50 -2.26	27.22 1.63 -0.16	25.84 1.46 0.00	24.73 1.38 0.00	23.48 1.33 0.00	23.23 1.32 0.00	23.00 1.30 0.00	23.42 1.35 0.00	25.03 1.54 -0.08	29.93 1.72 -0.92	30.12 1.71 -0.78	31.78 1.75 -2.65	28.30 1.45 -1.47	24.24 1.44 0.00	22.62 1.16 0.00	20.57 0.81 0.00
KIAC_JFK_GT1 23816	20.11 1.16 0.00	18.20 1.01 0.00	15.40 0.82 0.00	15.37 0.82 0.00	15.48 0.78 0.00	19.63 1.06 0.00	27.82 1.39 -0.64	29.81 1.99 -0.97	29.99 2.06 -2.52	27.85 2.24 -0.18	26.42 2.05 0.00	25.36 2.01 0.00	24.08 1.93 0.00	23.85 1.93 0.00	23.54 1.84 0.00	23.97 1.90 0.00	25.65 2.15 -0.09	30.41 2.10 -1.02	30.48 1.99 -0.87	32.27 1.94 -2.95	28.72 1.70 -1.64	24.61 1.80 0.00	23.10 1.63 0.00	20.73 0.97 0.00
KIAC_JFK_GT2 23817	20.11 1.16 0.00	18.20 1.01 0.00	15.40 0.82 0.00	15.37 0.82 0.00	15.48 0.78 0.00	19.63 1.06 0.00	27.82 1.39 -0.64	29.81 1.99 -0.97	29.99 2.06 -2.52	27.85 2.24 -0.18	26.42 2.05 0.00	25.36 2.01 0.00	24.08 1.93 0.00	23.85 1.93 0.00	23.54 1.84 0.00	23.97 1.90 0.00	25.65 2.15 -0.09	30.41 2.10 -1.02	30.48 1.99 -0.87	32.27 1.94 -2.95	28.72 1.70 -1.64	24.61 1.80 0.00	23.10 1.63 0.00	20.73 0.97 0.00
KIAC_JFK____ 323774	20.11 1.16 0.00	18.20 1.01 0.00	15.40 0.82 0.00	15.35 0.80 0.00	15.48 0.78 0.00	19.65 1.08 0.00	27.82 1.39 -0.64	29.81 1.99 -0.97	29.99 2.06 -2.52	27.85 2.24 -0.18	26.42 2.05 0.00	25.36 2.01 0.00	24.07 1.93 0.00	23.85 1.93 0.00	23.54 1.84 0.00	23.97 1.90 0.00	25.63 2.13 -0.09	30.42 2.10 -1.03	30.49 1.99 -0.88	32.27 1.94 -2.95	28.72 1.70 -1.64	24.63 1.83 0.00	23.16 1.70 0.00	20.73 0.97 0.00

KINTIGH____ 23543	18.90 -0.06 0.00	17.12 -0.07 0.00	14.56 -0.03 0.00	14.54 -0.01 0.00	14.68 -0.01 0.00	18.42 -0.15 0.00	25.55 -0.31 -0.08	26.36 -0.62 -0.12	25.42 -0.30 -0.32	24.82 -0.64 -0.02	23.89 -0.49 0.00	23.00 -0.35 0.00	21.86 -0.29 0.00	21.61 -0.31 0.00	21.48 -0.22 0.00	21.90 -0.18 0.00	22.86 -0.56 -0.01	27.12 -0.30 -0.13	27.51 -0.22 -0.11	27.32 -0.41 -0.35	25.45 -0.13 -0.20	22.40 -0.41 0.00	20.97 -0.49 0.00	19.64 -0.12 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	18.84 -0.11 0.00	17.24 0.05 0.00	14.70 0.12 0.00	14.74 0.19 0.00	14.92 0.22 0.00	18.89 0.32 0.00	26.25 0.46 0.00	27.85 0.99 0.00	26.51 1.09 0.00	26.50 1.07 0.00	25.55 1.17 0.00	24.35 1.00 0.00	22.99 0.84 0.00	22.71 0.79 0.00	22.50 0.80 0.00	22.91 0.84 0.00	24.25 0.84 0.00	28.22 0.93 0.00	28.28 0.66 0.00	27.98 0.60 0.00	25.99 0.61 0.00	23.42 0.62 0.00	22.13 0.67 0.00	20.28 0.51 0.00
LACHUTE__HYDRO 323717	20.43 1.48 0.00	18.47 1.29 0.00	15.65 1.06 0.00	15.62 1.06 0.00	15.77 1.07 0.00	20.04 1.47 0.00	28.78 2.17 -0.83	30.68 2.58 -1.25	31.09 2.44 -3.23	27.92 2.26 -0.23	26.52 2.15 0.00	25.38 2.03 0.00	23.94 1.79 0.00	23.72 1.80 0.00	23.43 1.74 0.00	23.71 1.63 0.00	25.30 1.78 -0.12	30.88 2.24 -1.36	31.01 2.24 -1.15	33.47 2.22 -3.88	29.90 2.36 -2.15	24.84 2.03 0.00	23.33 1.87 0.00	21.01 1.25 0.00
LAWRNCV_115KV_TB1 80681	18.73 -0.23 0.00	17.05 -0.14 0.00	14.51 -0.07 0.00	14.48 -0.07 0.00	14.64 -0.06 0.00	18.52 -0.06 0.00	25.71 -0.08 0.00	26.83 -0.03 0.00	25.44 0.03 0.00	25.40 -0.03 0.00	24.42 0.05 0.00	23.30 -0.05 0.00	22.06 -0.09 0.00	21.79 -0.13 0.00	21.48 -0.22 0.00	21.85 -0.22 0.00	23.08 -0.33 0.00	26.88 -0.41 0.00	27.29 -0.33 0.00	27.11 -0.27 0.00	25.13 -0.25 0.00	22.76 -0.05 0.00	21.57 0.11 0.00	19.86 0.10 0.00
LEDERLE____ 23769	20.03 1.08 0.00	18.15 0.96 0.00	15.38 0.79 0.00	15.33 0.77 0.00	15.46 0.76 0.00	19.56 0.98 0.00	27.78 1.39 -0.60	29.53 1.77 -0.91	29.54 1.78 -2.35	27.50 1.91 -0.17	26.13 1.76 0.00	25.05 1.70 0.00	23.79 1.64 0.00	23.54 1.62 0.00	23.28 1.58 0.00	23.71 1.63 0.00	25.32 1.83 -0.08	30.24 1.99 -0.95	30.36 1.93 -0.81	32.04 1.92 -2.74	28.58 1.68 -1.52	24.43 1.62 0.00	22.82 1.35 0.00	20.63 0.87 0.00
LIGHTHSE_115KV_TB6 355974	19.24 0.28 0.00	17.44 0.26 0.00	14.81 0.22 0.00	14.76 0.20 0.00	14.93 0.24 0.00	18.87 0.30 0.00	26.32 0.49 -0.05	27.30 0.38 -0.07	25.89 0.28 -0.19	25.67 0.23 -0.01	24.64 0.27 0.00	23.61 0.26 0.00	22.39 0.24 0.00	22.14 0.22 0.00	21.91 0.22 0.00	22.32 0.24 0.00	23.63 0.21 -0.01	27.72 0.35 -0.08	28.07 0.39 -0.07	28.09 0.49 -0.22	25.88 0.38 -0.12	23.08 0.27 0.00	21.68 0.21 0.00	20.12 0.36 0.00
LINDEN COGEN____ 23786	20.05 1.10 0.00	18.18 1.00 0.00	15.39 0.80 0.00	15.35 0.80 0.00	15.48 0.78 0.00	19.61 1.04 0.00	27.82 1.39 -0.64	29.68 1.85 -0.97	29.81 1.88 -2.52	27.67 2.06 -0.18	26.28 1.90 0.00	25.24 1.89 0.00	23.97 1.82 0.00	23.76 1.84 0.00	23.45 1.76 0.00	23.89 1.81 0.00	25.49 1.99 -0.09	30.37 2.05 -1.03	30.43 1.93 -0.88	32.21 1.89 -2.95	28.69 1.67 -1.64	24.54 1.73 0.00	22.99 1.52 0.00	20.67 0.91 0.00
LINDHRST_69_KV_BK1 356055	21.78 1.86 -0.97	19.84 1.65 -1.01	17.39 1.36 -1.45	16.15 1.35 -0.25	16.31 1.35 -0.26	20.39 1.62 -0.21	29.28 2.37 -1.12	30.51 2.69 -0.97	30.66 2.72 -2.53	28.62 3.00 -0.18	28.62 2.88 -1.36	26.78 2.80 -0.62	24.89 2.68 -0.06	24.65 2.70 -0.03	25.37 2.62 -1.05	26.08 2.67 -1.34	28.17 2.93 -1.84	33.06 3.25 -2.52	34.15 3.18 -3.35	35.19 3.12 -4.69	32.28 2.89 -4.01	27.98 2.67 -2.50	24.24 2.38 -0.39	22.31 1.68 -0.86
LIPA_MISC_IPP 23656	29.84 1.90 -8.99	28.20 1.70 -9.31	29.32 1.41 -13.32	18.32 1.41 -2.35	18.60 1.40 -2.51	22.21 1.67 -1.96	33.41 2.45 -5.17	30.70 2.87 -0.97	30.92 2.87 -2.63	28.83 3.15 -0.25	39.83 3.02 -12.44	31.93 2.92 -5.66	25.50 2.79 -0.56	25.03 2.81 -0.31	34.00 2.71 -9.59	36.59 2.76 -11.75	42.55 3.07 -16.07	45.49 3.36 -14.84	54.50 3.26 -23.62	52.87 3.18 -22.31	51.67 3.00 -23.30	48.42 2.78 -22.83	27.50 2.49 -3.55	29.48 1.72 -7.99
LISF__SOLAR 323691	30.01 1.93 -9.12	28.37 1.73 -9.45	29.54 1.44 -13.51	18.38 1.44 -2.39	18.67 1.43 -2.55	22.29 1.73 -1.99	33.53 2.50 -5.25	30.73 2.90 -0.97	30.99 2.95 -2.63	28.88 3.20 -0.25	40.04 3.05 -12.61	32.03 2.94 -5.74	25.51 2.79 -0.57	25.07 2.83 -0.32	34.16 2.73 -9.73	36.80 2.80 -11.92	42.75 3.04 -16.30	45.75 3.41 -15.05	54.88 3.31 -23.95	53.20 3.23 -22.59	52.03 3.04 -23.61	48.79 2.83 -23.16	27.66 2.60 -3.60	29.63 1.76 -8.11
LITTLE FALLS__HYD 24013	18.67 -0.28 0.00	16.94 -0.24 0.00	14.40 -0.19 0.00	14.36 -0.19 0.00	14.51 -0.19 0.00	18.35 -0.22 0.00	25.50 -0.28 0.00	26.42 -0.43 0.00	25.03 -0.38 0.00	25.10 -0.33 0.00	24.06 -0.32 0.00	23.07 -0.28 0.00	21.93 -0.22 0.00	21.70 -0.22 0.00	21.48 -0.22 0.00	21.85 -0.22 0.00	23.15 -0.26 0.00	26.99 -0.30 0.00	27.32 -0.30 0.00	27.11 -0.27 0.00	25.08 -0.30 0.00	22.53 -0.27 0.00	21.16 -0.30 0.00	19.62 -0.14 0.00
LITTLRIV_115KV_TB1 356100	18.82 -0.13 0.00	17.15 -0.03 0.00	14.60 0.01 0.00	14.57 0.01 0.00	14.73 0.03 0.00	18.65 0.07 0.00	25.89 0.10 0.00	27.04 0.19 0.00	25.62 0.20 0.00	25.61 0.18 0.00	24.60 0.22 0.00	23.44 0.09 0.00	22.17 0.02 0.00	21.90 -0.02 0.00	21.61 -0.09 0.00	21.99 -0.09 0.00	23.22 -0.19 0.00	27.07 -0.22 0.00	27.51 -0.11 0.00	27.38 0.00 0.00	25.36 -0.03 0.00	22.97 0.16 0.00	21.72 0.26 0.00	20.02 0.26 0.00
LI_NEWBRDGE__DRP 323616	20.44 1.50 0.01	18.51 1.34 0.01	15.68 1.11 0.02	15.65 1.11 0.01	15.77 1.09 0.01	19.84 1.28 0.01	28.34 1.93 -0.62	29.95 2.12 -0.97	30.09 2.16 -2.52	28.02 2.42 -0.18	26.69 2.32 0.00	25.60 2.24 0.00	24.29 2.15 0.00	24.07 2.15 0.00	23.78 2.08 0.00	24.25 2.12 -0.05	25.86 2.36 -0.09	30.89 2.59 -1.01	31.00 2.51 -0.86	32.78 2.46 -2.93	29.27 2.26 -1.63	24.92 2.12 0.01	23.36 1.89 -0.01	21.05 1.30 0.01
LOCKPORT_115KV_TB60_63_64 80432	19.14 0.19 0.00	17.34 0.15 0.00	14.76 0.18 0.00	14.74 0.19 0.00	14.96 0.26 0.00	18.61 0.04 0.00	25.15 -0.72 -0.09	25.86 -1.13 -0.14	25.08 -0.69 -0.36	24.95 -0.51 -0.03	24.08 -0.29 0.00	23.21 -0.14 0.00	22.06 -0.09 0.00	21.81 -0.11 0.00	21.69 0.00 0.00	22.18 0.11 0.00	23.02 -0.40 -0.01	26.78 -0.65 -0.15	27.19 -0.55 -0.13	26.96 -0.82 -0.40	25.20 -0.41 -0.22	22.63 -0.18 0.00	21.12 -0.34 0.00	19.94 0.18 0.00
LOCKPORT__CC1 323769	19.18 0.23 0.00	17.41 0.22 0.00	14.76 0.18 0.00	14.74 0.19 0.00	14.89 0.19 0.00	18.68 0.11 0.00	25.15 -0.72 -0.09	25.86 -1.13 -0.14	25.09 -0.68 -0.36	24.95 -0.51 -0.03	24.08 -0.29 0.00	23.23 -0.12 0.00	22.10 -0.04 0.00	21.81 -0.11 0.00	21.72 0.02 0.00	22.19 0.11 0.00	22.86 -0.56 -0.01	26.86 -0.57 -0.14	27.27 -0.47 -0.12	27.05 -0.74 -0.40	25.25 -0.36 -0.22	22.56 -0.25 0.00	21.34 -0.13 0.00	19.94 0.18 0.00

LOCKPORT___CC2 323770	19.18 0.23 0.00	17.41 0.22 0.00	14.76 0.18 0.00	14.74 0.19 0.00	14.89 0.19 0.00	18.68 0.11 0.00	25.15 -0.72 -0.09	25.86 -1.13 -0.14	25.09 -0.68 -0.36	24.95 -0.51 -0.03	24.08 -0.29 0.00	23.23 -0.12 0.00	22.10 -0.04 0.00	21.81 -0.11 0.00	21.72 0.02 0.00	22.19 0.11 0.00	22.86 -0.56 -0.01	26.86 -0.57 -0.14	27.27 -0.47 -0.12	27.05 -0.74 -0.40	25.25 -0.36 -0.22	22.56 -0.25 0.00	21.34 -0.13 0.00	19.94 0.18 0.00
LOCKPORT___CC3 323771	19.18 0.23 0.00	17.41 0.22 0.00	14.76 0.18 0.00	14.74 0.19 0.00	14.89 0.19 0.00	18.68 0.11 0.00	25.15 -0.72 -0.09	25.86 -1.13 -0.14	25.09 -0.68 -0.36	24.95 -0.51 -0.03	24.08 -0.29 0.00	23.23 -0.12 0.00	22.10 -0.04 0.00	21.81 -0.11 0.00	21.72 0.02 0.00	22.19 0.11 0.00	22.86 -0.56 -0.01	26.86 -0.57 -0.14	27.27 -0.47 -0.12	27.05 -0.74 -0.40	25.25 -0.36 -0.22	22.56 -0.25 0.00	21.34 -0.13 0.00	19.94 0.18 0.00
LONG_LAKE_PHOENIX 24014	19.33 0.38 0.00	17.51 0.33 0.00	14.85 0.26 0.00	14.82 0.26 0.00	14.98 0.28 0.00	18.91 0.33 0.00	26.38 0.54 -0.05	27.23 0.30 -0.08	25.86 0.23 -0.21	25.62 0.18 -0.02	24.64 0.27 0.00	23.63 0.28 0.00	22.44 0.29 0.00	22.18 0.26 0.00	21.98 0.28 0.00	22.34 0.26 0.00	23.63 0.21 -0.01	27.71 0.33 -0.09	28.00 0.30 -0.08	27.98 0.36 -0.24	25.82 0.30 -0.13	23.01 0.21 0.00	21.64 0.17 0.00	20.16 0.40 0.00
LOVETT___3 23632	19.96 1.00 0.00	18.08 0.89 0.00	15.32 0.73 0.00	15.28 0.73 0.00	15.40 0.71 0.00	19.48 0.91 0.00	27.68 1.29 -0.60	29.43 1.66 -0.91	29.45 1.68 -2.36	27.40 1.81 -0.17	26.03 1.66 0.00	24.96 1.61 0.00	23.70 1.55 0.00	23.47 1.56 0.00	23.19 1.50 0.00	23.62 1.55 0.00	25.22 1.73 -0.08	30.11 1.86 -0.96	30.23 1.80 -0.82	31.92 1.78 -2.76	28.49 1.57 -1.53	24.34 1.53 0.00	22.73 1.27 0.00	20.55 0.79 0.00
LOVETT___4 23642	19.96 1.00 0.00	18.08 0.89 0.00	15.32 0.73 0.00	15.28 0.73 0.00	15.40 0.71 0.00	19.48 0.91 0.00	27.68 1.29 -0.60	29.43 1.66 -0.91	29.45 1.68 -2.36	27.40 1.81 -0.17	26.03 1.66 0.00	24.96 1.61 0.00	23.70 1.55 0.00	23.47 1.56 0.00	23.19 1.50 0.00	23.62 1.55 0.00	25.22 1.73 -0.08	30.11 1.86 -0.96	30.23 1.80 -0.82	31.92 1.78 -2.76	28.49 1.57 -1.53	24.34 1.53 0.00	22.73 1.27 0.00	20.55 0.79 0.00
LOVETT___5 23593	19.96 1.00 0.00	18.08 0.89 0.00	15.32 0.73 0.00	15.28 0.73 0.00	15.40 0.71 0.00	19.48 0.91 0.00	27.68 1.29 -0.60	29.43 1.66 -0.91	29.45 1.68 -2.36	27.40 1.81 -0.17	26.03 1.66 0.00	24.96 1.61 0.00	23.70 1.55 0.00	23.47 1.56 0.00	23.19 1.50 0.00	23.62 1.55 0.00	25.22 1.73 -0.08	30.11 1.86 -0.96	30.23 1.80 -0.82	31.92 1.78 -2.76	28.49 1.57 -1.53	24.34 1.53 0.00	22.73 1.27 0.00	20.55 0.79 0.00
LOWER RAQUET___HYD 24057	18.73 -0.23 0.00	17.05 -0.14 0.00	14.51 -0.07 0.00	14.50 -0.06 0.00	14.64 -0.06 0.00	18.50 -0.07 0.00	25.71 -0.08 0.00	26.85 0.00 0.00	25.44 0.03 0.00	25.43 0.00 0.00	24.42 0.05 0.00	23.30 -0.05 0.00	22.06 -0.09 0.00	21.79 -0.13 0.00	21.46 -0.24 0.00	21.85 -0.22 0.00	23.03 -0.38 0.00	26.83 -0.46 0.00	27.26 -0.36 0.00	27.11 -0.27 0.00	25.10 -0.28 0.00	22.78 -0.02 0.00	21.53 0.06 0.00	19.86 0.10 0.00
LOWER___HUDSON 24059	19.81 0.85 0.00	17.92 0.74 0.00	15.21 0.63 0.00	15.16 0.61 0.00	15.31 0.62 0.00	19.39 0.82 0.00	27.73 1.13 -0.82	29.45 1.37 -1.23	29.87 1.27 -3.19	26.90 1.25 -0.23	25.52 1.15 0.00	24.42 1.07 0.00	23.15 1.00 0.00	22.93 1.01 0.00	22.67 0.98 0.00	23.04 0.97 0.00	24.62 1.10 -0.11	29.98 1.36 -1.33	30.16 1.41 -1.13	32.54 1.37 -3.79	28.81 1.32 -2.10	23.97 1.16 0.00	22.45 0.99 0.00	20.39 0.63 0.00
LOWVILLE_115KV_TB2 356335	19.14 0.19 0.00	17.37 0.19 0.00	14.76 0.18 0.00	14.71 0.16 0.00	14.89 0.19 0.00	18.85 0.28 0.00	26.30 0.49 -0.02	27.42 0.54 -0.03	25.98 0.48 -0.09	25.89 0.46 -0.01	24.81 0.44 0.00	23.70 0.35 0.00	22.46 0.31 0.00	22.16 0.24 0.00	21.93 0.24 0.00	22.34 0.26 0.00	23.72 0.30 0.00	27.71 0.38 -0.04	28.09 0.44 -0.03	28.07 0.60 -0.09	25.89 0.46 -0.05	23.24 0.43 0.00	21.83 0.36 0.00	20.16 0.40 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	20.13 1.18 0.00	18.20 1.01 0.00	15.43 0.85 0.00	15.40 0.84 0.00	15.53 0.84 0.00	19.69 1.11 0.00	28.21 1.60 -0.83	29.95 1.85 -1.25	30.40 1.75 -3.23	27.34 1.68 -0.23	25.94 1.56 0.00	24.84 1.49 0.00	23.50 1.35 0.00	23.26 1.34 0.00	23.00 1.30 0.00	23.38 1.30 0.00	24.97 1.45 -0.11	30.35 1.75 -1.31	30.53 1.80 -1.12	33.03 1.78 -3.87	29.31 1.78 -2.15	24.36 1.55 0.00	22.80 1.33 0.00	20.71 0.95 0.00
LUTHERNY_35_KV_BK2 355980	20.13 1.18 0.00	18.22 1.03 0.00	15.43 0.85 0.00	15.40 0.84 0.00	15.55 0.85 0.00	19.70 1.13 0.00	28.23 1.62 -0.83	29.98 1.88 -1.25	30.40 1.75 -3.23	27.34 1.68 -0.23	25.96 1.58 0.00	24.84 1.49 0.00	23.50 1.35 0.00	23.28 1.36 0.00	23.02 1.32 0.00	23.38 1.30 0.00	25.00 1.47 -0.11	30.35 1.75 -1.31	30.56 1.82 -1.12	33.03 1.78 -3.87	29.31 1.78 -2.15	24.38 1.57 0.00	22.82 1.35 0.00	20.73 0.97 0.00
LWR___OSWEGATCHIE_HYD 23850	18.86 -0.09 0.00	17.15 -0.03 0.00	14.59 0.00 0.00	14.55 0.00 0.00	14.73 0.03 0.00	18.63 0.06 0.00	26.03 0.23 -0.02	27.17 0.30 -0.02	25.76 0.28 -0.06	25.66 0.23 0.00	24.62 0.24 0.00	23.51 0.16 0.00	22.26 0.11 0.00	21.96 0.04 0.00	21.69 0.00 0.00	22.10 0.02 0.00	23.41 0.00 0.00	27.24 -0.08 -0.03	27.62 -0.03 -0.02	27.56 0.11 -0.07	25.47 0.05 -0.04	22.97 0.16 0.00	21.66 0.19 0.00	19.96 0.20 0.00
LYONS_FALL_HYD 23570	19.22 0.27 0.00	17.44 0.26 0.00	14.82 0.23 0.00	14.76 0.20 0.00	14.95 0.25 0.00	18.91 0.33 0.00	26.35 0.54 -0.02	27.42 0.54 -0.03	26.03 0.53 -0.08	25.94 0.51 -0.01	24.86 0.49 0.00	23.75 0.40 0.00	22.50 0.35 0.00	22.23 0.31 0.00	22.00 0.30 0.00	22.41 0.33 0.00	23.74 0.33 0.00	27.76 0.44 -0.03	28.12 0.47 -0.03	28.10 0.63 -0.08	25.94 0.51 -0.05	23.26 0.46 0.00	21.87 0.41 0.00	20.22 0.45 0.00
MADISON___COUNTY_LFGE 323628	19.45 0.49 0.00	17.63 0.45 0.00	14.97 0.38 0.00	14.92 0.36 0.00	15.09 0.40 0.00	19.07 0.50 0.00	26.52 0.70 -0.04	27.53 0.62 -0.06	26.30 0.74 -0.15	26.18 0.74 -0.01	25.11 0.73 0.00	23.98 0.63 0.00	22.75 0.60 0.00	22.49 0.57 0.00	22.26 0.56 0.00	22.65 0.57 0.00	24.02 0.61 0.00	28.05 0.71 -0.05	28.44 0.77 -0.04	28.42 0.90 -0.14	26.22 0.76 -0.08	23.47 0.66 0.00	22.00 0.54 0.00	20.43 0.67 0.00
MALONE___115KV_TB1 356076	18.82 -0.13 0.00	17.20 0.02 0.00	14.67 0.09 0.00	14.70 0.15 0.00	14.86 0.16 0.00	18.81 0.24 0.00	26.14 0.36 0.00	27.36 0.51 0.00	26.02 0.61 0.00	26.04 0.61 0.00	25.06 0.68 0.00	23.91 0.56 0.00	22.57 0.42 0.00	22.29 0.37 0.00	22.04 0.35 0.00	22.45 0.38 0.00	23.74 0.33 0.00	27.64 0.35 0.00	28.03 0.41 0.00	27.76 0.38 0.00	25.76 0.38 0.00	23.26 0.46 0.00	22.00 0.54 0.00	20.20 0.43 0.00

MAPLEWOD_115KV_TB3 80458	19.64 0.68 0.00	17.79 0.60 0.00	15.10 0.51 0.00	15.06 0.51 0.00	15.20 0.50 0.00	19.22 0.65 0.00	27.50 0.90 -0.81	29.20 1.13 -1.22	29.65 1.07 -3.17	26.70 1.04 -0.22	25.33 0.95 0.00	24.24 0.89 0.00	22.95 0.80 0.00	22.75 0.83 0.00	22.47 0.78 0.00	22.89 0.82 0.00	24.46 0.94 -0.11	29.70 1.12 -1.29	29.90 1.19 -1.09	32.30 1.15 -3.77	28.59 1.12 -2.09	23.79 0.98 0.00	22.24 0.77 0.00	20.22 0.45 0.00
MAPLE_RIDGE_WT_1 323574	18.76 -0.19 0.00	16.96 -0.22 0.00	14.41 -0.17 0.00	14.39 -0.16 0.00	14.55 -0.15 0.00	18.40 -0.17 0.00	25.58 -0.21 0.00	26.64 -0.22 0.00	25.26 -0.15 0.00	25.35 -0.08 0.00	24.33 -0.05 0.00	23.35 0.00 0.00	22.15 0.00 0.00	21.94 0.02 0.00	21.72 0.02 0.00	22.10 0.02 0.00	23.43 0.02 0.00	27.29 0.00 0.00	27.59 -0.03 0.00	27.30 -0.08 0.00	25.26 -0.13 0.00	22.65 -0.16 0.00	21.29 -0.17 0.00	19.58 -0.18 0.00
MAPLE_RIDGE_WT_2 323611	18.76 -0.19 0.00	16.96 -0.22 0.00	14.41 -0.17 0.00	14.39 -0.16 0.00	14.55 -0.15 0.00	18.40 -0.17 0.00	25.58 -0.21 0.00	26.64 -0.22 0.00	25.26 -0.15 0.00	25.35 -0.08 0.00	24.33 -0.05 0.00	23.35 0.00 0.00	22.15 0.00 0.00	21.94 0.02 0.00	21.72 0.02 0.00	22.10 0.02 0.00	23.43 0.02 0.00	27.29 0.00 0.00	27.59 -0.03 0.00	27.30 -0.08 0.00	25.26 -0.13 0.00	22.65 -0.16 0.00	21.29 -0.17 0.00	19.58 -0.18 0.00
MARBLE_RIVER_WT_PWR 323696	18.69 -0.27 0.00	17.08 -0.10 0.00	14.57 -0.01 0.00	14.61 0.06 0.00	14.79 0.09 0.00	18.68 0.11 0.00	26.02 0.23 0.00	27.18 0.32 0.00	25.82 0.41 0.00	25.86 0.43 0.00	24.86 0.49 0.00	23.72 0.37 0.00	22.42 0.27 0.00	22.16 0.24 0.00	21.91 0.22 0.00	22.32 0.24 0.00	23.64 0.23 0.00	27.51 0.22 0.00	27.98 0.36 0.00	27.68 0.30 0.00	25.69 0.31 0.00	23.17 0.36 0.00	21.83 0.36 0.00	20.08 0.32 0.00
MARSHVLE_115KV_TB1 80742	20.77 1.82 0.00	18.80 1.62 0.00	15.93 1.34 0.00	15.92 1.37 0.00	16.09 1.40 0.00	20.47 1.89 0.00	29.45 2.84 -0.83	31.33 3.22 -1.26	31.67 3.00 -3.26	28.36 2.70 -0.23	26.89 2.51 0.00	25.68 2.33 0.00	24.21 2.06 0.00	23.96 2.04 0.00	23.56 1.87 0.00	24.06 1.99 0.00	25.42 1.90 -0.11	30.93 2.32 -1.32	31.23 2.49 -1.13	34.52 2.49 -4.65	30.35 2.39 -2.58	25.02 2.21 0.00	23.31 1.85 0.00	21.17 1.40 0.00
MARSH_HILL_WT_PWR 323713	19.71 0.76 0.00	17.82 0.64 0.00	15.13 0.54 0.00	15.11 0.55 0.00	15.26 0.56 0.00	19.18 0.61 0.00	26.07 0.16 -0.13	27.04 0.00 -0.19	26.16 0.25 -0.50	26.18 0.71 -0.04	25.25 0.88 0.00	24.31 0.96 0.00	23.12 0.97 0.00	22.86 0.94 0.00	22.71 1.02 0.00	23.16 1.08 0.00	23.80 0.37 -0.02	28.03 0.55 -0.19	28.37 0.58 -0.16	28.40 0.47 -0.55	26.22 0.53 -0.31	23.65 0.84 0.00	22.26 0.79 0.00	20.59 0.83 0.00
MCINTYRE_115KV_TB2 80467	18.86 -0.09 0.00	17.18 0.00 0.00	14.63 0.04 0.00	14.60 0.04 0.00	14.76 0.06 0.00	18.68 0.11 0.00	25.94 0.15 0.00	27.12 0.27 0.00	25.67 0.25 0.00	25.66 0.23 0.00	24.64 0.27 0.00	23.49 0.14 0.00	22.22 0.07 0.00	21.92 0.00 0.00	21.67 -0.02 0.00	22.05 -0.02 0.00	23.34 -0.07 0.00	27.21 -0.08 0.00	27.68 0.06 0.00	27.54 0.16 0.00	25.54 0.15 0.00	23.06 0.25 0.00	21.79 0.32 0.00	20.06 0.30 0.00
MECO____69_KV_BK1 80468	21.17 2.22 0.00	19.13 1.94 0.00	16.19 1.60 0.00	16.20 1.64 0.00	16.36 1.66 0.00	20.84 2.27 0.00	30.02 3.40 -0.83	31.39 3.28 -1.26	31.70 3.02 -3.26	28.28 2.62 -0.23	26.76 2.39 0.00	25.54 2.19 0.00	24.05 1.90 0.00	23.83 1.91 0.00	23.52 1.82 0.00	24.02 1.94 0.00	25.54 2.01 -0.11	31.12 2.51 -1.32	31.45 2.71 -1.13	34.50 2.71 -4.41	30.42 2.59 -2.45	25.11 2.30 0.00	23.46 2.00 0.00	21.48 1.72 0.00
MENANDS_115KV_TB5 355628	19.52 0.57 0.00	17.68 0.50 0.00	15.03 0.44 0.00	14.99 0.44 0.00	15.12 0.43 0.00	19.11 0.54 0.00	27.31 0.72 -0.81	29.04 0.97 -1.22	29.49 0.91 -3.16	26.54 0.89 -0.22	25.18 0.80 0.00	24.10 0.75 0.00	22.84 0.69 0.00	22.62 0.70 0.00	22.37 0.67 0.00	22.76 0.68 0.00	24.34 0.82 -0.11	29.56 0.98 -1.29	29.71 0.99 -1.09	32.12 0.99 -3.76	28.41 0.94 -2.09	23.65 0.84 0.00	22.11 0.64 0.00	20.10 0.34 0.00
MG INDUSTRY__DRP 24185	19.64 0.68 0.00	17.77 0.58 0.00	15.11 0.53 0.00	15.06 0.51 0.00	15.20 0.50 0.00	19.22 0.65 0.00	27.43 0.85 -0.79	29.09 1.05 -1.19	29.50 0.99 -3.09	26.62 0.97 -0.22	25.25 0.88 0.00	24.19 0.84 0.00	22.90 0.75 0.00	22.69 0.77 0.00	22.43 0.74 0.00	22.85 0.77 0.00	24.41 0.89 -0.11	29.58 1.04 -1.26	29.79 1.10 -1.07	32.13 1.10 -3.66	28.45 1.04 -2.03	23.74 0.94 0.00	22.22 0.75 0.00	20.24 0.47 0.00
MID__OSWEGATCHIE_HYD 23849	18.86 -0.09 0.00	17.15 -0.03 0.00	14.59 0.00 0.00	14.55 0.00 0.00	14.73 0.03 0.00	18.63 0.06 0.00	26.03 0.23 -0.02	27.17 0.30 -0.02	25.76 0.28 -0.06	25.66 0.23 0.00	24.62 0.24 0.00	23.51 0.16 0.00	22.26 0.11 0.00	21.96 0.04 0.00	21.69 0.00 0.00	22.10 0.02 0.00	23.41 0.00 0.00	27.24 -0.08 -0.03	27.62 -0.03 -0.02	27.56 0.11 -0.07	25.47 0.05 -0.04	22.97 0.16 0.00	21.66 0.19 0.00	19.96 0.20 0.00
MID__RAQUETTE_HYD 23851	18.73 -0.23 0.00	17.05 -0.14 0.00	14.51 -0.07 0.00	14.50 -0.06 0.00	14.64 -0.06 0.00	18.52 -0.06 0.00	25.71 -0.08 0.00	26.85 0.00 0.00	25.44 0.03 0.00	25.43 0.00 0.00	24.42 0.05 0.00	23.30 -0.05 0.00	22.06 -0.09 0.00	21.79 -0.13 0.00	21.45 -0.24 0.00	21.85 -0.22 0.00	23.03 -0.37 0.00	26.85 -0.44 0.00	27.26 -0.36 0.00	27.11 -0.27 0.00	25.10 -0.28 0.00	22.76 -0.05 0.00	21.59 0.13 0.00	19.86 0.10 0.00
MILLIKEN__1 23584	19.52 0.57 0.00	17.68 0.50 0.00	15.00 0.41 0.00	14.96 0.41 0.00	15.12 0.43 0.00	19.09 0.52 0.00	26.61 0.70 -0.13	27.66 0.62 -0.19	26.47 0.56 -0.50	26.05 0.58 -0.04	24.99 0.61 0.00	23.96 0.61 0.00	22.75 0.60 0.00	22.49 0.57 0.00	22.28 0.59 0.00	22.67 0.60 0.00	24.01 0.59 -0.02	28.15 0.65 -0.20	28.45 0.66 -0.17	28.60 0.68 -0.54	26.32 0.63 -0.30	23.40 0.59 0.00	21.96 0.49 0.00	20.36 0.59 0.00
MILLIKEN__2 23585	19.52 0.57 0.00	17.68 0.50 0.00	15.00 0.41 0.00	14.96 0.41 0.00	15.12 0.43 0.00	19.09 0.52 0.00	26.61 0.70 -0.13	27.66 0.62 -0.19	26.47 0.56 -0.50	26.05 0.58 -0.04	24.99 0.61 0.00	23.96 0.61 0.00	22.75 0.60 0.00	22.49 0.57 0.00	22.28 0.59 0.00	22.67 0.60 0.00	24.01 0.59 -0.02	28.15 0.65 -0.20	28.45 0.66 -0.17	28.60 0.68 -0.54	26.32 0.63 -0.30	23.40 0.59 0.00	21.96 0.49 0.00	20.36 0.59 0.00
MILLIKEN__DIESEL 23629	19.52 0.57 0.00	17.68 0.50 0.00	15.00 0.41 0.00	14.96 0.41 0.00	15.12 0.43 0.00	19.09 0.52 0.00	26.61 0.70 -0.13	27.66 0.62 -0.19	26.47 0.56 -0.50	26.05 0.58 -0.04	24.99 0.61 0.00	23.96 0.61 0.00	22.75 0.60 0.00	22.49 0.57 0.00	22.28 0.59 0.00	22.67 0.60 0.00	24.01 0.59 -0.02	28.15 0.65 -0.20	28.45 0.66 -0.17	28.60 0.68 -0.54	26.32 0.63 -0.30	23.40 0.59 0.00	21.96 0.49 0.00	20.36 0.59 0.00

MILLSEAT___LFGE 323607	19.41 0.45 0.00	17.60 0.41 0.00	14.92 0.34 0.00	14.90 0.35 0.00	15.05 0.35 0.00	18.87 0.30 0.00	25.56 -0.31 -0.09	26.37 -0.62 -0.13	25.53 -0.23 -0.35	25.33 -0.13 -0.02	24.45 0.07 0.00	23.56 0.21 0.00	22.39 0.24 0.00	22.12 0.20 0.00	22.02 0.33 0.00	22.49 0.42 0.00	23.30 -0.12 -0.01	27.40 -0.03 -0.14	27.85 0.11 -0.12	27.63 -0.14 -0.39	25.75 0.15 -0.21	22.92 0.11 0.00	21.66 0.19 0.00	20.18 0.42 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	20.03 1.08 0.00	18.15 0.96 0.00	15.38 0.79 0.00	15.33 0.77 0.00	15.45 0.75 0.00	19.56 0.98 0.00	27.81 1.39 -0.64	29.61 1.80 -0.96	29.71 1.80 -2.49	27.54 1.93 -0.18	26.16 1.78 0.00	25.08 1.73 0.00	23.83 1.68 0.00	23.58 1.67 0.00	23.30 1.61 0.00	23.73 1.66 0.00	25.35 1.85 -0.09	30.29 1.99 -1.01	30.41 1.93 -0.86	32.21 1.92 -2.91	28.70 1.70 -1.62	24.45 1.64 0.00	22.84 1.37 0.00	20.63 0.87 0.00
MILLWOOD_13_KV_LOAD 356217	20.07 1.12 0.00	18.18 1.00 0.00	15.40 0.82 0.00	15.35 0.80 0.00	15.48 0.78 0.00	19.57 1.00 0.00	27.86 1.44 -0.64	29.69 1.88 -0.96	29.76 1.86 -2.49	27.62 2.01 -0.18	26.23 1.85 0.00	25.15 1.80 0.00	23.88 1.73 0.00	23.63 1.71 0.00	23.34 1.65 0.00	23.75 1.68 0.00	25.39 1.90 -0.09	30.38 2.07 -1.01	30.50 2.02 -0.86	32.29 2.00 -2.91	28.75 1.75 -1.62	24.50 1.69 0.00	22.86 1.40 0.00	20.67 0.91 0.00
MODEL_CITY_ENERGY 24167	19.01 0.06 0.00	17.25 0.07 0.00	14.60 0.01 0.00	14.58 0.03 0.00	14.73 0.03 0.00	18.52 -0.06 0.00	24.90 -0.98 -0.09	25.57 -1.42 -0.14	24.81 -0.97 -0.36	24.64 -0.81 -0.03	23.79 -0.59 0.00	22.95 -0.40 0.00	21.84 -0.31 0.00	21.55 -0.37 0.00	21.46 -0.24 0.00	21.92 -0.15 0.00	22.60 -0.82 -0.01	26.53 -0.90 -0.14	26.94 -0.80 -0.12	26.72 -1.07 -0.41	24.98 -0.63 -0.23	22.28 -0.52 0.00	21.08 -0.39 0.00	19.72 -0.04 0.00
MODERN_LFGE___ 323580	19.01 0.06 0.00	17.25 0.07 0.00	14.60 0.01 0.00	14.58 0.03 0.00	14.73 0.03 0.00	18.52 -0.06 0.00	24.90 -0.98 -0.09	25.57 -1.42 -0.14	24.81 -0.97 -0.36	24.64 -0.81 -0.03	23.79 -0.59 0.00	22.95 -0.40 0.00	21.84 -0.31 0.00	21.55 -0.37 0.00	21.46 -0.24 0.00	21.92 -0.15 0.00	22.60 -0.82 -0.01	26.53 -0.90 -0.14	26.94 -0.80 -0.12	26.72 -1.07 -0.41	24.98 -0.63 -0.23	22.28 -0.52 0.00	21.08 -0.39 0.00	19.72 -0.04 0.00
MOHAWK_PAPER___DRP 24187	19.64 0.68 0.00	17.79 0.60 0.00	15.10 0.51 0.00	15.06 0.51 0.00	15.20 0.50 0.00	19.22 0.65 0.00	27.50 0.90 -0.81	29.20 1.13 -1.22	29.65 1.07 -3.17	26.70 1.04 -0.22	25.33 0.95 0.00	24.24 0.89 0.00	22.95 0.80 0.00	22.75 0.83 0.00	22.47 0.78 0.00	22.89 0.82 0.00	24.46 0.94 -0.11	29.70 1.12 -1.29	29.90 1.19 -1.09	32.30 1.15 -3.77	28.59 1.12 -2.09	23.79 0.98 0.00	22.24 0.77 0.00	20.22 0.45 0.00
MOHICAN___35_KV_115KV_LD 80490	20.36 1.40 0.00	18.40 1.22 0.00	15.59 1.01 0.00	15.56 1.00 0.00	15.71 1.01 0.00	19.95 1.37 0.00	28.62 2.01 -0.83	30.38 2.28 -1.25	30.78 2.13 -3.23	27.67 2.01 -0.23	26.28 1.90 0.00	25.15 1.80 0.00	23.74 1.59 0.00	23.52 1.60 0.00	23.23 1.54 0.00	23.53 1.46 0.00	25.16 1.64 -0.11	30.57 1.96 -1.31	30.75 2.02 -1.12	33.22 1.97 -3.87	29.61 2.08 -2.15	24.61 1.80 0.00	23.07 1.61 0.00	20.93 1.17 0.00
MONGAUP___HYD 23641	19.84 0.89 0.00	17.98 0.79 0.00	15.23 0.64 0.00	15.19 0.64 0.00	15.33 0.63 0.00	19.39 0.82 0.00	27.52 1.19 -0.55	29.11 1.42 -0.83	28.92 1.35 -2.16	26.98 1.40 -0.15	25.62 1.24 0.00	24.56 1.21 0.00	23.32 1.17 0.00	23.08 1.16 0.00	22.84 1.15 0.00	23.29 1.21 0.00	24.84 1.36 -0.08	29.73 1.55 -0.88	29.94 1.57 -0.75	31.51 1.62 -2.52	28.13 1.34 -1.40	24.11 1.30 0.00	22.56 1.09 0.00	20.47 0.71 0.00
MONTAUK___DIESEL 23721	30.59 2.60 -9.04	28.87 2.32 -9.37	29.92 1.93 -13.40	18.86 1.94 -2.37	19.15 1.93 -2.52	22.87 2.32 -1.97	34.31 3.33 -5.20	31.85 4.03 -0.97	32.08 4.04 -2.63	30.08 4.40 -0.25	41.13 4.24 -12.51	33.13 4.09 -5.69	26.61 3.90 -0.56	26.09 3.86 -0.31	35.12 3.77 -9.65	37.72 3.82 -11.82	43.77 4.19 -16.17	46.80 4.58 -14.93	55.90 4.53 -23.75	54.24 4.44 -22.43	52.92 4.11 -23.43	49.63 3.85 -22.97	28.47 3.43 -3.57	30.22 2.41 -8.04
MOONROAD_115KV_HARTFLD_TB1-2 355988	19.62 0.66 0.00	17.77 0.58 0.00	15.14 0.55 0.00	15.15 0.60 0.00	15.30 0.60 0.00	19.13 0.56 0.00	25.40 -0.49 -0.11	26.32 -0.70 -0.16	25.58 -0.25 -0.42	25.99 0.53 -0.03	25.13 0.76 0.00	24.31 0.96 0.00	23.10 0.95 0.00	22.84 0.92 0.00	22.73 1.04 0.00	23.24 1.17 0.00	24.22 0.80 -0.01	27.57 0.11 -0.17	27.96 0.19 -0.15	27.77 -0.08 -0.47	25.72 0.08 -0.26	23.63 0.82 0.00	21.98 0.52 0.00	20.51 0.75 0.00
MORTIMER_115KV_TB3 55949	19.12 0.17 0.00	17.30 0.12 0.00	14.70 0.12 0.00	14.67 0.12 0.00	14.83 0.13 0.00	18.63 0.06 0.00	25.91 0.05 -0.07	26.86 -0.11 -0.11	25.78 0.08 -0.29	25.27 -0.18 -0.02	24.33 -0.05 0.00	23.37 0.02 0.00	22.19 0.04 0.00	21.96 0.04 0.00	21.82 0.13 0.00	22.23 0.15 0.00	23.30 -0.12 -0.01	27.60 0.19 -0.12	27.97 0.25 -0.10	27.82 0.11 -0.33	25.82 0.25 -0.18	22.76 -0.05 0.00	21.34 -0.13 0.00	19.88 0.12 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	20.15 1.19 0.00	18.25 1.07 0.00	15.45 0.86 0.00	15.41 0.86 0.00	15.53 0.84 0.00	19.67 1.10 0.00	27.98 1.55 -0.64	29.84 2.01 -0.97	29.97 2.03 -2.52	27.80 2.19 -0.18	26.40 2.02 0.00	25.33 1.98 0.00	24.05 1.90 0.00	23.83 1.91 0.00	23.52 1.82 0.00	23.95 1.88 0.00	25.60 2.11 -0.09	30.52 2.21 -1.02	30.62 2.13 -0.87	32.41 2.08 -2.95	28.87 1.85 -1.64	24.63 1.82 0.00	23.01 1.55 0.00	20.75 0.99 0.00
MUNSVILLE_WIND_PWR 323609	20.28 1.33 0.00	18.39 1.20 0.00	15.61 1.02 0.00	15.54 0.99 0.00	15.77 1.07 0.00	19.96 1.39 0.00	27.84 1.86 -0.20	29.20 2.04 -0.31	28.06 1.85 -0.79	27.39 1.91 -0.06	26.18 1.80 0.00	24.98 1.63 0.00	23.70 1.55 0.00	23.34 1.42 0.00	23.15 1.45 0.00	23.64 1.57 0.00	24.98 1.54 -0.02	29.62 2.05 -0.28	30.12 2.27 -0.24	30.69 2.52 -0.80	28.01 2.18 -0.44	24.79 1.98 0.00	23.23 1.76 0.00	21.46 1.70 0.00
N SALMON___HYD 24042	18.82 -0.13 0.00	17.20 0.02 0.00	14.68 0.09 0.00	14.70 0.15 0.00	14.86 0.16 0.00	18.78 0.20 0.00	26.14 0.36 0.00	27.36 0.51 0.00	26.02 0.61 0.00	26.04 0.61 0.00	25.06 0.68 0.00	23.91 0.56 0.00	22.59 0.44 0.00	22.29 0.37 0.00	22.04 0.35 0.00	22.45 0.37 0.00	23.74 0.33 0.00	27.62 0.33 0.00	28.04 0.41 0.00	27.76 0.38 0.00	25.76 0.38 0.00	23.29 0.48 0.00	21.94 0.47 0.00	20.20 0.43 0.00
N.AKRON___115KV_KNAPP 355671	19.37 0.42 0.00	17.55 0.36 0.00	14.92 0.34 0.00	14.90 0.35 0.00	15.12 0.43 0.00	18.83 0.26 0.00	25.56 -0.31 -0.09	26.34 -0.64 -0.13	25.53 -0.23 -0.35	25.33 -0.13 -0.02	24.45 0.07 0.00	23.56 0.21 0.00	22.35 0.20 0.00	22.12 0.20 0.00	22.02 0.33 0.00	22.49 0.42 0.00	23.37 -0.05 -0.01	27.30 -0.14 -0.14	27.74 0.00 -0.12	27.52 -0.25 -0.39	25.65 0.05 -0.22	22.94 0.14 0.00	21.44 -0.02 0.00	20.18 0.42 0.00

N.BELMOR_69_KV_BK1 55787	20.71 1.65 -0.11	18.78 1.48 -0.11	15.97 1.21 -0.17	15.78 1.21 -0.02	15.91 1.19 -0.02	20.00 1.41 -0.02	28.53 2.06 -0.69	30.13 2.31 -0.97	30.30 2.36 -2.52	28.23 2.62 -0.18	27.06 2.51 -0.17	25.88 2.45 -0.08	24.52 2.37 0.00	24.29 2.37 0.00	24.10 2.28 -0.13	24.63 2.34 -0.21	26.29 2.57 -0.31	31.33 2.84 -1.20	31.56 2.76 -1.17	33.07 2.71 -2.97	29.80 2.49 -1.93	25.44 2.33 -0.31	23.60 2.08 -0.05	21.30 1.44 -0.10
N.E_GEN_SANDY PD 24062	19.81 0.85 0.00	17.94 0.76 0.00	15.20 0.61 0.00	15.16 0.61 0.00	15.30 0.60 0.00	19.37 0.80 0.00	27.58 1.06 -0.74	29.34 1.37 -1.12	29.60 1.30 -2.89	26.98 1.35 -0.20	25.59 1.22 0.00	24.49 1.14 0.00	23.23 1.09 0.00	23.01 1.10 0.00	22.76 1.06 0.00	23.16 1.08 0.00	24.73 1.22 -0.10	29.92 1.45 -1.19	30.09 1.46 -1.01	32.20 1.42 -3.40	28.59 1.32 -1.89	24.02 1.21 0.00	22.49 1.03 0.00	20.38 0.61 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	19.98 1.02 0.00	18.10 0.91 0.00	15.33 0.74 0.00	15.30 0.74 0.00	15.42 0.72 0.00	19.50 0.93 0.00	27.70 1.31 -0.60	29.45 1.69 -0.91	29.47 1.70 -2.36	27.43 1.83 -0.17	26.06 1.68 0.00	24.98 1.63 0.00	23.72 1.57 0.00	23.50 1.58 0.00	23.21 1.52 0.00	23.64 1.57 0.00	25.25 1.76 -0.08	30.16 1.91 -0.96	30.28 1.85 -0.81	31.97 1.83 -2.75	28.51 1.60 -1.53	24.36 1.55 0.00	22.75 1.29 0.00	20.59 0.83 0.00
N.QUEENS_27_KV_LOAD 356247	20.38 1.42 0.00	18.47 1.29 0.00	15.64 1.05 0.00	15.60 1.05 0.00	15.73 1.03 0.00	19.90 1.32 -0.01	28.23 1.80 -0.64	30.09 2.26 -0.98	30.15 2.21 -2.53	28.03 2.42 -0.19	26.60 2.22 -0.01	25.53 2.17 -0.01	24.24 2.08 -0.01	24.01 2.08 -0.01	23.72 2.02 -0.01	24.16 2.08 -0.01	25.80 2.29 -0.10	30.75 2.43 -1.03	30.82 2.32 -0.88	32.63 2.30 -2.95	29.06 2.03 -1.64	24.82 2.01 -0.01	23.25 1.78 -0.01	21.01 1.25 0.00
N.TROY___115KV_TB1 355778	19.81 0.85 0.00	17.92 0.74 0.00	15.21 0.63 0.00	15.17 0.61 0.00	15.31 0.62 0.00	19.39 0.82 0.00	27.73 1.13 -0.82	29.45 1.37 -1.23	29.87 1.27 -3.19	26.90 1.25 -0.23	25.52 1.15 0.00	24.42 1.07 0.00	23.15 1.00 0.00	22.93 1.01 0.00	22.67 0.98 0.00	23.05 0.97 0.00	24.64 1.12 -0.11	29.92 1.34 -1.30	30.13 1.41 -1.10	32.54 1.37 -3.79	28.81 1.32 -2.10	23.97 1.16 0.00	22.43 0.97 0.00	20.39 0.63 0.00
NARROWS_GT1_1 24228	20.27 1.31 -0.01	18.34 1.15 -0.01	15.53 0.93 -0.01	15.48 0.92 -0.01	15.60 0.90 -0.01	19.75 1.17 -0.01	28.09 1.65 -0.65	29.98 2.15 -0.98	30.13 2.19 -2.53	30.33 2.39 -2.51	28.37 2.17 -1.83	29.34 2.15 -3.85	29.34 2.06 -5.13	29.34 2.06 -5.36	27.44 1.97 -3.78	27.44 2.03 -3.34	29.37 2.25 -3.71	35.50 2.46 -5.75	30.85 2.35 -0.88	32.63 2.30 -2.95	29.03 2.00 -1.64	24.80 1.98 -0.01	23.19 1.72 -0.01	20.86 1.09 -0.01
NARROWS_GT1_2 24229	20.27 1.31 -0.01	18.34 1.15 -0.01	15.53 0.93 -0.01	15.48 0.92 -0.01	15.60 0.90 -0.01	19.75 1.17 -0.01	28.09 1.65 -0.65	29.98 2.15 -0.98	30.13 2.19 -2.53	30.33 2.39 -2.51	28.37 2.17 -1.83	29.34 2.15 -3.85	29.34 2.06 -5.13	29.34 2.06 -5.36	27.44 1.97 -3.78	27.44 2.03 -3.34	29.37 2.25 -3.71	35.50 2.46 -5.75	30.85 2.35 -0.88	32.63 2.30 -2.95	29.03 2.00 -1.64	24.80 1.98 -0.01	23.19 1.72 -0.01	20.86 1.09 -0.01
NARROWS_GT1_3 24230	20.27 1.31 -0.01	18.34 1.15 -0.01	15.53 0.93 -0.01	15.48 0.92 -0.01	15.60 0.90 -0.01	19.75 1.17 -0.01	28.09 1.65 -0.65	29.98 2.15 -0.98	30.13 2.19 -2.53	30.33 2.39 -2.51	28.37 2.17 -1.83	29.34 2.15 -3.85	29.34 2.06 -5.13	29.34 2.06 -5.36	27.44 1.97 -3.78	27.44 2.03 -3.34	29.37 2.25 -3.71	35.50 2.46 -5.75	30.85 2.35 -0.88	32.63 2.30 -2.95	29.03 2.00 -1.64	24.80 1.98 -0.01	23.19 1.72 -0.01	20.86 1.09 -0.01
NARROWS_GT1_4 24231	20.27 1.31 -0.01	18.34 1.15 -0.01	15.53 0.93 -0.01	15.48 0.92 -0.01	15.60 0.90 -0.01	19.75 1.17 -0.01	28.09 1.65 -0.65	29.98 2.15 -0.98	30.13 2.19 -2.53	30.33 2.39 -2.51	28.37 2.17 -1.83	29.34 2.15 -3.85	29.34 2.06 -5.13	29.34 2.06 -5.36	27.44 1.97 -3.78	27.44 2.03 -3.34	29.37 2.25 -3.71	35.50 2.46 -5.75	30.85 2.35 -0.88	32.63 2.30 -2.95	29.03 2.00 -1.64	24.80 1.98 -0.01	23.19 1.72 -0.01	20.86 1.09 -0.01
NARROWS_GT1_5 24232	20.27 1.31 -0.01	18.34 1.15 -0.01	15.53 0.93 -0.01	15.48 0.92 -0.01	15.60 0.90 -0.01	19.75 1.17 -0.01	28.09 1.65 -0.65	29.98 2.15 -0.98	30.13 2.19 -2.53	30.33 2.39 -2.51	28.37 2.17 -1.83	29.34 2.15 -3.85	29.34 2.06 -5.13	29.34 2.06 -5.36	27.44 1.97 -3.78	27.44 2.03 -3.34	29.37 2.25 -3.71	35.50 2.46 -5.75	30.85 2.35 -0.88	32.63 2.30 -2.95	29.03 2.00 -1.64	24.80 1.98 -0.01	23.19 1.72 -0.01	20.86 1.09 -0.01
NARROWS_GT1_6 24233	20.27 1.31 -0.01	18.34 1.15 -0.01	15.53 0.93 -0.01	15.48 0.92 -0.01	15.60 0.90 -0.01	19.75 1.17 -0.01	28.09 1.65 -0.65	29.98 2.15 -0.98	30.13 2.19 -2.53	30.33 2.39 -2.51	28.37 2.17 -1.83	29.34 2.15 -3.85	29.34 2.06 -5.13	29.34 2.06 -5.36	27.44 1.97 -3.78	27.44 2.03 -3.34	29.37 2.25 -3.71	35.50 2.46 -5.75	30.85 2.35 -0.88	32.63 2.30 -2.95	29.03 2.00 -1.64	24.80 1.98 -0.01	23.19 1.72 -0.01	20.86 1.09 -0.01
NARROWS_GT1_7 24234	20.27 1.31 -0.01	18.34 1.15 -0.01	15.53 0.93 -0.01	15.48 0.92 -0.01	15.60 0.90 -0.01	19.75 1.17 -0.01	28.09 1.65 -0.65	29.98 2.15 -0.98	30.13 2.19 -2.53	30.33 2.39 -2.51	28.37 2.17 -1.83	29.34 2.15 -3.85	29.34 2.06 -5.13	29.34 2.06 -5.36	27.44 1.97 -3.78	27.44 2.03 -3.34	29.37 2.25 -3.71	35.50 2.46 -5.75	30.85 2.35 -0.88	32.63 2.30 -2.95	29.03 2.00 -1.64	24.80 1.98 -0.01	23.19 1.72 -0.01	20.86 1.09 -0.01
NARROWS_GT1_8 24235	20.27 1.31 -0.01	18.34 1.15 -0.01	15.53 0.93 -0.01	15.48 0.92 -0.01	15.60 0.90 -0.01	19.75 1.17 -0.01	28.09 1.65 -0.65	29.98 2.15 -0.98	30.13 2.19 -2.53	30.33 2.39 -2.51	28.37 2.17 -1.83	29.34 2.15 -3.85	29.34 2.06 -5.13	29.34 2.06 -5.36	27.44 1.97 -3.78	27.44 2.03 -3.34	29.37 2.25 -3.71	35.50 2.46 -5.75	30.85 2.35 -0.88	32.63 2.30 -2.95	29.03 2.00 -1.64	24.80 1.98 -0.01	23.19 1.72 -0.01	20.86 1.09 -0.01
NARROWS_GT2_1 24236	20.27 1.31 -0.01	18.34 1.15 -0.01	15.53 0.93 -0.01	15.48 0.92 -0.01	15.60 0.90 -0.01	19.75 1.17 -0.01	28.09 1.65 -0.65	29.98 2.15 -0.98	30.13 2.19 -2.53	30.33 2.39 -2.51	28.37 2.17 -1.83	29.34 2.15 -3.85	29.34 2.06 -5.13	29.34 2.06 -5.36	27.44 1.97 -3.78	27.44 2.03 -3.34	29.37 2.25 -3.71	35.50 2.46 -5.75	30.85 2.35 -0.88	32.63 2.30 -2.95	29.03 2.00 -1.64	24.80 1.98 -0.01	23.19 1.72 -0.01	20.86 1.09 -0.01
NARROWS_GT2_2 24237	20.27 1.31 -0.01	18.34 1.15 -0.01	15.53 0.93 -0.01	15.48 0.92 -0.01	15.60 0.90 -0.01	19.75 1.17 -0.01	28.09 1.65 -0.65	29.98 2.15 -0.98	30.13 2.19 -2.53	30.33 2.39 -2.51	28.37 2.17 -1.83	29.34 2.15 -3.85	29.34 2.06 -5.13	29.34 2.06 -5.36	27.44 1.97 -3.78	27.44 2.03 -3.34	29.37 2.25 -3.71	35.50 2.46 -5.75	30.85 2.35 -0.88	32.63 2.30 -2.95	29.03 2.00 -1.64	24.80 1.98 -0.01	23.19 1.72 -0.01	20.86 1.09 -0.01

NARROWS_GT2_3 24238	20.27 1.31 -0.01	18.34 1.15 -0.01	15.53 0.93 -0.01	15.48 0.92 -0.01	15.60 0.90 -0.01	19.75 1.17 -0.01	28.09 1.65 -0.65	29.98 2.15 -0.98	30.13 2.19 -2.53	30.33 2.39 -2.51	28.37 2.17 -1.83	29.34 2.15 -3.85	29.34 2.06 -5.13	29.34 2.06 -5.36	27.44 1.97 -3.78	27.44 2.03 -3.34	29.37 2.25 -3.71	35.50 2.46 -5.75	30.85 2.35 -0.88	32.63 2.30 -2.95	29.03 2.00 -1.64	24.80 1.98 -0.01	23.19 1.72 -0.01	20.86 1.09 -0.01
NARROWS_GT2_4 24239	20.27 1.31 -0.01	18.34 1.15 -0.01	15.53 0.93 -0.01	15.48 0.92 -0.01	15.60 0.90 -0.01	19.75 1.17 -0.01	28.09 1.65 -0.65	29.98 2.15 -0.98	30.13 2.19 -2.53	30.33 2.39 -2.51	28.37 2.17 -1.83	29.34 2.15 -3.85	29.34 2.06 -5.13	29.34 2.06 -5.36	27.44 1.97 -3.78	27.44 2.03 -3.34	29.37 2.25 -3.71	35.50 2.46 -5.75	30.85 2.35 -0.88	32.63 2.30 -2.95	29.03 2.00 -1.64	24.80 1.98 -0.01	23.19 1.72 -0.01	20.86 1.09 -0.01
NARROWS_GT2_5 24240	20.27 1.31 -0.01	18.34 1.15 -0.01	15.53 0.93 -0.01	15.48 0.92 -0.01	15.60 0.90 -0.01	19.75 1.17 -0.01	28.09 1.65 -0.65	29.98 2.15 -0.98	30.13 2.19 -2.53	30.33 2.39 -2.51	28.37 2.17 -1.83	29.34 2.15 -3.85	29.34 2.06 -5.13	29.34 2.06 -5.36	27.44 1.97 -3.78	27.44 2.03 -3.34	29.37 2.25 -3.71	35.50 2.46 -5.75	30.85 2.35 -0.88	32.63 2.30 -2.95	29.03 2.00 -1.64	24.80 1.98 -0.01	23.19 1.72 -0.01	20.86 1.09 -0.01
NARROWS_GT2_6 24241	20.27 1.31 -0.01	18.34 1.15 -0.01	15.53 0.93 -0.01	15.48 0.92 -0.01	15.60 0.90 -0.01	19.75 1.17 -0.01	28.09 1.65 -0.65	29.98 2.15 -0.98	30.13 2.19 -2.53	30.33 2.39 -2.51	28.37 2.17 -1.83	29.34 2.15 -3.85	29.34 2.06 -5.13	29.34 2.06 -5.36	27.44 1.97 -3.78	27.44 2.03 -3.34	29.37 2.25 -3.71	35.50 2.46 -5.75	30.85 2.35 -0.88	32.63 2.30 -2.95	29.03 2.00 -1.64	24.80 1.98 -0.01	23.19 1.72 -0.01	20.86 1.09 -0.01
NARROWS_GT2_7 24242	20.27 1.31 -0.01	18.34 1.15 -0.01	15.53 0.93 -0.01	15.48 0.92 -0.01	15.60 0.90 -0.01	19.75 1.17 -0.01	28.09 1.65 -0.65	29.98 2.15 -0.98	30.13 2.19 -2.53	30.33 2.39 -2.51	28.37 2.17 -1.83	29.34 2.15 -3.85	29.34 2.06 -5.13	29.34 2.06 -5.36	27.44 1.97 -3.78	27.44 2.03 -3.34	29.37 2.25 -3.71	35.50 2.46 -5.75	30.85 2.35 -0.88	32.63 2.30 -2.95	29.03 2.00 -1.64	24.80 1.98 -0.01	23.19 1.72 -0.01	20.86 1.09 -0.01
NARROWS_GT2_8 24243	20.27 1.31 -0.01	18.34 1.15 -0.01	15.53 0.93 -0.01	15.48 0.92 -0.01	15.60 0.90 -0.01	19.75 1.17 -0.01	28.09 1.65 -0.65	29.98 2.15 -0.98	30.13 2.19 -2.53	30.33 2.39 -2.51	28.37 2.17 -1.83	29.34 2.15 -3.85	29.34 2.06 -5.13	29.34 2.06 -5.36	27.44 1.97 -3.78	27.44 2.03 -3.34	29.37 2.25 -3.71	35.50 2.46 -5.75	30.85 2.35 -0.88	32.63 2.30 -2.95	29.03 2.00 -1.64	24.80 1.98 -0.01	23.19 1.72 -0.01	20.86 1.09 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	19.84 0.89 0.00	17.94 0.76 0.00	15.26 0.67 0.00	15.22 0.67 0.00	15.39 0.69 0.00	19.43 0.85 0.00	27.62 1.08 -0.76	29.28 1.29 -1.14	29.54 1.17 -2.95	26.81 1.17 -0.21	25.38 1.00 0.00	24.24 0.89 0.00	22.92 0.78 0.00	22.69 0.77 0.00	22.45 0.76 0.00	22.87 0.79 0.00	24.50 0.98 -0.10	29.66 1.17 -1.20	29.97 1.33 -1.02	32.24 1.37 -3.49	28.56 1.24 -1.94	24.04 1.23 0.00	22.41 0.94 0.00	20.36 0.59 0.00
NCHELSEA_115KV_TR2 355582	20.07 1.12 0.00	18.18 1.00 0.00	15.40 0.82 0.00	15.35 0.80 0.00	15.49 0.79 0.00	19.57 1.00 0.00	27.87 1.44 -0.64	29.62 1.80 -0.97	29.70 1.78 -2.51	27.49 1.88 -0.18	26.08 1.71 0.00	24.98 1.63 0.00	23.70 1.55 0.00	23.45 1.53 0.00	23.19 1.50 0.00	23.62 1.55 0.00	25.25 1.76 -0.09	30.27 1.96 -1.02	30.45 1.96 -0.86	32.28 1.97 -2.93	28.71 1.70 -1.62	24.45 1.64 0.00	22.82 1.35 0.00	20.67 0.91 0.00
NEG CAPITAL___MECHNVIL 23645	20.09 1.14 0.00	18.18 1.00 0.00	15.42 0.83 0.00	15.38 0.83 0.00	15.52 0.82 0.00	19.69 1.11 0.00	28.18 1.57 -0.82	29.92 1.83 -1.24	30.36 1.73 -3.22	27.31 1.65 -0.23	25.91 1.54 0.00	24.82 1.47 0.00	23.46 1.31 0.00	23.23 1.32 0.00	22.97 1.28 0.00	23.35 1.28 0.00	24.93 1.40 -0.12	30.38 1.75 -1.35	30.59 1.82 -1.14	33.00 1.78 -3.84	29.29 1.78 -2.13	24.36 1.55 0.00	22.82 1.35 0.00	20.69 0.93 0.00
NEG CENTRAL_HIGH_ACRES 23767	18.75 -0.21 0.00	16.96 -0.22 0.00	14.41 -0.17 0.00	14.38 -0.17 0.00	14.55 -0.15 0.00	18.27 -0.30 0.00	25.50 -0.36 -0.07	26.45 -0.51 -0.11	25.32 -0.38 -0.29	24.87 -0.58 -0.02	23.94 -0.44 0.00	22.98 -0.37 0.00	21.82 -0.33 0.00	21.59 -0.33 0.00	21.43 -0.26 0.00	21.81 -0.26 0.00	23.11 -0.30 -0.01	27.15 -0.25 -0.11	27.49 -0.22 -0.10	27.40 -0.30 -0.32	25.38 -0.18 -0.18	22.33 -0.48 0.00	21.08 -0.39 0.00	19.55 -0.22 0.00
NEG CENTRAL___DRP 24199	19.28 0.32 0.00	17.44 0.26 0.00	14.79 0.20 0.00	14.76 0.20 0.00	14.92 0.22 0.00	18.83 0.26 0.00	26.15 0.28 -0.08	27.11 0.13 -0.12	25.91 0.18 -0.32	25.66 0.20 -0.02	24.64 0.27 0.00	23.65 0.30 0.00	22.46 0.31 0.00	22.20 0.28 0.00	22.02 0.33 0.00	22.41 0.33 0.00	23.63 0.21 -0.01	27.69 0.27 -0.13	27.98 0.25 -0.11	27.98 0.25 -0.35	25.81 0.23 -0.20	23.01 0.21 0.00	21.59 0.13 0.00	20.04 0.28 0.00
NEG CENTRAL___INDECK 23768	19.88 0.93 0.00	17.96 0.77 0.00	15.26 0.67 0.00	15.22 0.67 0.00	15.39 0.69 0.00	19.29 0.72 0.00	26.64 0.75 -0.11	27.66 0.64 -0.16	26.62 0.79 -0.42	26.25 0.79 -0.03	25.28 0.90 0.00	24.28 0.93 0.00	23.08 0.93 0.00	22.80 0.88 0.00	22.67 0.98 0.00	23.16 1.08 0.00	24.22 0.80 -0.01	28.57 1.12 -0.16	28.97 1.21 -0.14	28.97 1.12 -0.46	26.78 1.14 -0.26	23.79 0.98 0.00	22.41 0.94 0.00	20.71 0.95 0.00
NEG CENTRAL___SENECA 23627	19.41 0.45 0.00	17.56 0.38 0.00	14.89 0.31 0.00	14.86 0.31 0.00	15.02 0.32 0.00	18.94 0.37 0.00	26.23 0.36 -0.09	27.20 0.21 -0.14	26.07 0.30 -0.35	25.81 0.36 -0.02	24.84 0.46 0.00	23.84 0.49 0.00	22.61 0.47 0.00	22.38 0.46 0.00	22.19 0.50 0.00	22.60 0.53 0.00	23.80 0.37 -0.01	27.87 0.44 -0.14	28.16 0.41 -0.12	28.18 0.41 -0.39	25.98 0.38 -0.22	23.17 0.36 0.00	21.70 0.24 0.00	20.18 0.42 0.00
NEG CENTRAL___STATE_STREET 24147	19.31 0.36 0.00	17.46 0.27 0.00	14.82 0.23 0.00	14.79 0.23 0.00	14.95 0.25 0.00	18.87 0.30 0.00	26.28 0.41 -0.08	27.46 0.48 -0.12	26.16 0.43 -0.31	25.88 0.43 -0.02	24.86 0.49 0.00	23.84 0.49 0.00	22.64 0.49 0.00	22.40 0.48 0.00	22.15 0.46 0.00	22.52 0.44 0.00	23.82 0.40 -0.01	27.91 0.49 -0.13	28.23 0.50 -0.11	28.25 0.52 -0.35	26.03 0.46 -0.19	23.20 0.39 0.00	21.81 0.34 0.00	20.10 0.34 0.00
NEG MILLWOOD___DRP 24198	20.17 1.21 0.00	18.28 1.10 0.00	15.48 0.89 0.00	15.44 0.89 0.00	15.52 0.82 0.00	19.67 1.10 0.00	28.04 1.60 -0.66	29.88 2.04 -0.99	29.96 1.98 -2.56	27.70 2.09 -0.18	26.33 1.95 0.00	25.22 1.87 0.00	23.90 1.75 0.00	23.65 1.73 0.00	23.34 1.65 0.00	23.77 1.70 0.00	25.44 1.94 -0.09	30.54 2.21 -1.04	30.69 2.18 -0.88	32.54 2.16 -3.00	28.95 1.90 -1.66	24.61 1.80 0.00	22.92 1.46 0.00	20.75 0.99 0.00

NEG NORTH_FLCN_SEA 23793	18.90 -0.06 0.00	17.27 0.09 0.00	14.73 0.15 0.00	14.79 0.23 0.00	14.95 0.25 0.00	18.92 0.35 0.00	26.30 0.52 0.00	27.98 1.13 0.00	26.63 1.22 0.00	26.65 1.22 0.00	25.67 1.29 0.00	24.47 1.12 0.00	23.12 0.97 0.00	22.84 0.92 0.00	22.63 0.93 0.00	23.05 0.97 0.00	24.39 0.98 0.00	28.35 1.06 0.00	28.31 0.69 0.00	28.01 0.63 0.00	26.02 0.63 0.00	23.47 0.66 0.00	22.17 0.71 0.00	20.32 0.55 0.00
NEG NORTH_KES_CHATEGAY 23792	18.69 -0.27 0.00	17.08 -0.10 0.00	14.57 -0.01 0.00	14.61 0.06 0.00	14.77 0.07 0.00	18.72 0.15 0.00	26.02 0.23 0.00	27.26 0.40 0.00	25.90 0.48 0.00	25.91 0.48 0.00	24.94 0.56 0.00	23.79 0.44 0.00	22.48 0.33 0.00	22.20 0.28 0.00	21.98 0.28 0.00	22.36 0.29 0.00	23.71 0.30 0.00	27.59 0.30 0.00	27.98 0.36 0.00	27.65 0.27 0.00	25.69 0.30 0.00	23.15 0.34 0.00	21.89 0.43 0.00	20.08 0.32 0.00
NEG NORTH___ALICE_FALLS 23915	18.84 -0.11 0.00	17.24 0.05 0.00	14.70 0.12 0.00	14.74 0.19 0.00	14.92 0.22 0.00	18.89 0.32 0.00	26.25 0.46 0.00	27.85 0.99 0.00	26.51 1.09 0.00	26.50 1.07 0.00	25.55 1.17 0.00	24.35 1.00 0.00	22.99 0.84 0.00	22.71 0.79 0.00	22.50 0.80 0.00	22.91 0.84 0.00	24.25 0.84 0.00	28.22 0.93 0.00	28.28 0.66 0.00	27.98 0.60 0.00	25.99 0.61 0.00	23.42 0.62 0.00	22.13 0.67 0.00	20.28 0.51 0.00
NEG NORTH___LWR_SARANAC 23913	18.84 -0.11 0.00	17.24 0.05 0.00	14.70 0.12 0.00	14.74 0.19 0.00	14.92 0.22 0.00	18.89 0.32 0.00	26.25 0.46 0.00	27.85 0.99 0.00	26.51 1.09 0.00	26.50 1.07 0.00	25.55 1.17 0.00	24.35 1.00 0.00	22.99 0.84 0.00	22.71 0.79 0.00	22.50 0.80 0.00	22.91 0.84 0.00	24.25 0.84 0.00	28.22 0.93 0.00	28.28 0.66 0.00	27.98 0.60 0.00	25.99 0.61 0.00	23.42 0.62 0.00	22.13 0.67 0.00	20.28 0.51 0.00
NEG NORTH___PLATTSBURG 23628	18.84 -0.11 0.00	17.24 0.05 0.00	14.70 0.12 0.00	14.74 0.19 0.00	14.92 0.22 0.00	18.85 0.28 0.00	26.25 0.46 0.00	27.85 0.99 0.00	26.48 1.07 0.00	26.50 1.07 0.00	25.55 1.17 0.00	24.35 1.00 0.00	22.99 0.84 0.00	22.71 0.79 0.00	22.50 0.80 0.00	22.91 0.84 0.00	24.25 0.84 0.00	28.22 0.93 0.00	28.28 0.66 0.00	27.98 0.60 0.00	25.99 0.61 0.00	23.45 0.64 0.00	22.06 0.60 0.00	20.28 0.51 0.00
NEG WEST_LEA_LOCKPORT 23791	19.14 0.19 0.00	17.34 0.15 0.00	14.76 0.18 0.00	14.74 0.19 0.00	14.96 0.26 0.00	18.63 0.06 0.00	25.15 -0.72 -0.09	25.86 -1.13 -0.14	25.09 -0.69 -0.36	24.95 -0.51 -0.03	24.08 -0.29 0.00	23.23 -0.12 0.00	22.08 -0.07 0.00	21.81 -0.11 0.00	21.72 0.02 0.00	22.18 0.11 0.00	23.02 -0.40 -0.01	26.76 -0.68 -0.15	27.19 -0.55 -0.13	26.96 -0.82 -0.40	25.18 -0.43 -0.22	22.63 -0.18 0.00	21.12 -0.34 0.00	19.94 0.18 0.00
NEG WEST___LANCASTR 23811	19.81 0.85 0.00	17.92 0.74 0.00	15.24 0.66 0.00	15.24 0.68 0.00	15.39 0.69 0.00	19.26 0.69 0.00	24.55 -1.34 -0.11	25.43 -1.58 -0.16	24.66 -1.17 -0.41	25.99 0.53 -0.03	25.11 0.73 0.00	24.24 0.89 0.00	23.03 0.89 0.00	22.80 0.88 0.00	22.67 0.98 0.00	23.16 1.08 0.00	24.10 0.68 -0.01	26.40 -1.06 -0.17	26.77 -0.99 -0.15	26.67 -1.18 -0.46	24.75 -0.89 -0.26	23.61 0.80 0.00	22.00 0.54 0.00	20.59 0.83 0.00
NEG_PENN_ALLEGHNY 23528	19.45 0.49 0.00	17.61 0.43 0.00	14.94 0.35 0.00	14.90 0.35 0.00	15.05 0.35 0.00	19.00 0.43 0.00	26.32 0.33 -0.20	27.48 0.32 -0.30	26.58 0.38 -0.79	26.07 0.59 -0.06	24.99 0.61 0.00	23.98 0.63 0.00	22.77 0.62 0.00	22.53 0.61 0.00	22.32 0.63 0.00	22.69 0.62 0.00	23.81 0.37 -0.03	28.02 0.44 -0.30	28.32 0.44 -0.25	28.65 0.41 -0.86	26.26 0.40 -0.47	23.33 0.52 0.00	21.96 0.49 0.00	20.22 0.45 0.00
NEG___GEN_MONROE 24207	19.11 0.15 0.00	17.32 0.14 0.00	14.73 0.15 0.00	14.70 0.15 0.00	14.90 0.21 0.00	18.68 0.11 0.00	25.81 -0.05 -0.08	26.70 -0.27 -0.11	25.66 -0.05 -0.30	25.25 -0.20 -0.02	24.33 -0.05 0.00	23.37 0.02 0.00	22.17 0.02 0.00	21.92 0.00 0.00	21.80 0.11 0.00	22.21 0.13 0.00	23.26 -0.16 -0.01	27.52 0.11 -0.12	27.89 0.17 -0.10	27.74 0.03 -0.33	25.79 0.23 -0.18	22.81 0.00 0.00	21.38 -0.09 0.00	19.96 0.20 0.00
NEPA___ENERGY 23901	19.62 0.66 0.00	17.77 0.58 0.00	15.11 0.53 0.00	15.11 0.55 0.00	15.26 0.56 0.00	19.09 0.52 0.00	25.38 -0.52 -0.11	26.34 -0.67 -0.16	25.53 -0.30 -0.42	25.89 0.43 -0.03	24.96 0.59 0.00	24.12 0.77 0.00	22.92 0.78 0.00	22.69 0.77 0.00	22.56 0.87 0.00	23.05 0.97 0.00	23.99 0.56 -0.01	27.33 -0.14 -0.17	27.69 -0.08 -0.15	27.58 -0.27 -0.47	25.59 -0.05 -0.26	23.47 0.66 0.00	21.87 0.41 0.00	20.39 0.63 0.00
NEVERSINK___HYD 23608	19.73 0.78 0.00	17.89 0.70 0.00	15.14 0.55 0.00	15.11 0.55 0.00	15.24 0.54 0.00	19.29 0.72 0.00	27.38 1.06 -0.54	28.96 1.29 -0.82	28.77 1.24 -2.12	26.93 1.35 -0.15	25.57 1.19 0.00	24.47 1.12 0.00	23.23 1.09 0.00	22.99 1.07 0.00	22.76 1.06 0.00	23.16 1.08 0.00	24.72 1.24 -0.07	29.57 1.42 -0.87	29.76 1.41 -0.74	31.33 1.48 -2.47	27.95 1.19 -1.37	24.02 1.21 0.00	22.43 0.97 0.00	20.38 0.61 0.00
NEWKRMKL_115KV_TB1 55635	19.41 0.45 0.00	17.58 0.40 0.00	14.97 0.38 0.00	14.92 0.36 0.00	15.06 0.37 0.00	19.02 0.45 0.00	27.19 0.59 -0.81	28.88 0.81 -1.22	29.34 0.76 -3.16	26.42 0.76 -0.22	25.06 0.68 0.00	23.98 0.63 0.00	22.72 0.58 0.00	22.51 0.59 0.00	22.26 0.56 0.00	22.65 0.57 0.00	24.20 0.68 -0.11	29.39 0.82 -1.29	29.57 0.86 -1.09	31.99 0.85 -3.76	28.28 0.81 -2.09	23.51 0.71 0.00	21.98 0.52 0.00	20.00 0.24 0.00
NEWTON___FALLS_HYD 23847	18.86 -0.09 0.00	17.15 -0.03 0.00	14.59 0.00 0.00	14.55 0.00 0.00	14.73 0.03 0.00	18.63 0.06 0.00	26.03 0.23 -0.02	27.17 0.30 -0.02	25.76 0.28 -0.06	25.66 0.23 0.00	24.62 0.24 0.00	23.51 0.16 0.00	22.26 0.11 0.00	21.96 0.04 0.00	21.69 0.00 0.00	22.10 0.02 0.00	23.41 0.00 0.00	27.24 -0.08 -0.03	27.62 -0.03 -0.02	27.56 0.11 -0.07	25.47 0.05 -0.04	22.97 0.16 0.00	21.66 0.19 0.00	19.96 0.20 0.00
NGRID_A1_DSASP 323792	18.76 -0.19 0.00	17.00 -0.19 0.00	14.62 0.03 0.00	14.60 0.04 0.00	14.74 0.04 0.00	18.26 -0.32 0.00	24.74 -1.13 -0.09	25.38 -1.61 -0.14	24.64 -1.14 -0.37	24.39 -1.07 -0.03	23.52 -0.85 0.00	22.72 -0.63 0.00	21.64 -0.51 0.00	21.33 -0.59 0.00	21.24 -0.46 0.00	21.68 -0.40 0.00	22.44 -0.98 -0.01	26.31 -1.12 -0.14	26.72 -1.02 -0.12	26.48 -1.31 -0.41	24.77 -0.84 -0.23	22.06 -0.75 0.00	20.89 -0.58 0.00	19.50 -0.26 0.00
NGRID_A2_DSASP 323793	18.76 -0.19 0.00	17.00 -0.19 0.00	14.62 0.03 0.00	14.60 0.04 0.00	14.74 0.04 0.00	18.26 -0.32 0.00	24.74 -1.13 -0.09	25.38 -1.61 -0.14	24.64 -1.14 -0.37	24.39 -1.07 -0.03	23.52 -0.85 0.00	22.72 -0.63 0.00	21.64 -0.51 0.00	21.33 -0.59 0.00	21.24 -0.46 0.00	21.68 -0.40 0.00	22.44 -0.98 -0.01	26.31 -1.12 -0.14	26.72 -1.02 -0.12	26.48 -1.31 -0.41	24.77 -0.84 -0.23	22.06 -0.75 0.00	20.89 -0.58 0.00	19.50 -0.26 0.00

NGRID_A4_DSASP 323807	18.86 -0.09 0.00	17.13 -0.05 0.00	14.62 0.03 0.00	14.60 0.04 0.00	14.61 -0.09 0.00	18.40 -0.17 0.00	24.74 -1.13 -0.09	25.38 -1.61 -0.14	24.64 -1.14 -0.37	24.39 -1.07 -0.03	23.52 -0.85 0.00	22.72 -0.63 0.00	21.59 -0.55 0.00	21.33 -0.59 0.00	21.24 -0.46 0.00	21.68 -0.40 0.00	22.51 -0.91 -0.01	26.21 -1.23 -0.15	26.62 -1.13 -0.13	26.40 -1.40 -0.41	24.70 -0.91 -0.23	22.10 -0.71 0.00	20.67 -0.79 0.00	19.51 -0.26 0.00
NIAGARA_115E_LBMP 323715	18.92 -0.04 0.00	17.18 0.00 0.00	14.51 -0.07 0.00	14.51 -0.04 0.00	14.64 -0.06 0.00	18.44 -0.13 0.00	24.74 -1.13 -0.09	25.41 -1.58 -0.14	24.66 -1.12 -0.37	24.49 -0.97 -0.03	23.62 -0.76 0.00	22.81 -0.54 0.00	21.71 -0.44 0.00	21.42 -0.50 0.00	21.30 -0.39 0.00	21.77 -0.31 0.00	22.46 -0.96 -0.01	26.37 -1.06 -0.14	26.78 -0.97 -0.12	26.53 -1.26 -0.41	24.80 -0.81 -0.23	22.15 -0.66 0.00	20.95 -0.52 0.00	19.62 -0.14 0.00
NIAGARA_115W_LBMP 323714	18.71 -0.25 0.00	16.96 -0.22 0.00	14.59 0.00 0.00	14.57 0.01 0.00	14.71 0.01 0.00	18.20 -0.37 0.00	24.67 -1.21 -0.09	25.33 -1.66 -0.14	24.59 -1.19 -0.37	24.31 -1.14 -0.03	23.47 -0.90 0.00	22.65 -0.70 0.00	21.57 -0.58 0.00	21.28 -0.64 0.00	21.17 -0.52 0.00	21.61 -0.46 0.00	22.37 -1.05 -0.01	26.23 -1.20 -0.14	26.64 -1.11 -0.12	26.40 -1.40 -0.41	24.70 -0.91 -0.23	21.99 -0.82 0.00	20.82 -0.64 0.00	19.45 -0.32 0.00
NIAGARA_230_LBMP 323716	18.95 0.00 0.00	17.18 0.00 0.00	14.65 0.06 0.00	14.63 0.07 0.00	14.77 0.07 0.00	18.46 -0.11 0.00	25.00 -0.88 -0.09	25.65 -1.34 -0.14	24.89 -0.89 -0.36	24.67 -0.79 -0.03	23.79 -0.59 0.00	22.98 -0.37 0.00	21.88 -0.26 0.00	21.59 -0.33 0.00	21.48 -0.22 0.00	21.92 -0.15 0.00	22.67 -0.75 -0.01	26.59 -0.85 -0.14	26.97 -0.77 -0.12	26.72 -1.07 -0.41	25.00 -0.61 -0.23	22.28 -0.52 0.00	21.10 -0.37 0.00	19.70 -0.06 0.00
NIAGARA__115KV_198_GIBSON 55903	18.80 -0.15 0.00	17.10 -0.09 0.00	14.59 0.00 0.00	14.57 0.01 0.00	14.56 -0.13 0.00	18.37 -0.20 0.00	24.67 -1.21 -0.09	25.33 -1.66 -0.14	24.59 -1.19 -0.37	24.31 -1.14 -0.03	23.47 -0.90 0.00	22.65 -0.70 0.00	21.55 -0.60 0.00	21.28 -0.64 0.00	21.17 -0.52 0.00	21.61 -0.46 0.00	22.44 -0.98 -0.01	26.16 -1.28 -0.15	26.56 -1.19 -0.13	26.31 -1.48 -0.41	24.65 -0.96 -0.23	22.03 -0.78 0.00	20.61 -0.86 0.00	19.45 -0.32 0.00
NIAGARA____ 23760	18.95 0.00 0.00	17.18 0.00 0.00	14.65 0.06 0.00	14.63 0.07 0.00	14.77 0.07 0.00	18.46 -0.11 0.00	25.00 -0.88 -0.09	25.65 -1.34 -0.14	24.89 -0.89 -0.37	24.67 -0.79 -0.03	23.79 -0.59 0.00	22.98 -0.37 0.00	21.88 -0.26 0.00	21.59 -0.33 0.00	21.48 -0.22 0.00	21.92 -0.15 0.00	22.67 -0.75 -0.01	26.59 -0.85 -0.14	26.97 -0.77 -0.12	26.72 -1.07 -0.41	25.00 -0.61 -0.23	22.28 -0.52 0.00	21.10 -0.37 0.00	19.70 -0.06 0.00
NINE_MILE_1 23575	18.59 -0.36 0.00	16.86 -0.33 0.00	14.31 -0.28 0.00	14.28 -0.28 0.00	14.42 -0.28 0.00	18.20 -0.37 0.00	25.31 -0.52 -0.04	26.13 -0.78 -0.06	24.81 -0.76 -0.15	24.63 -0.81 -0.01	23.62 -0.76 0.00	22.65 -0.70 0.00	21.51 -0.64 0.00	21.28 -0.64 0.00	21.06 -0.63 0.00	21.43 -0.64 0.00	22.71 -0.70 -0.01	26.56 -0.79 -0.06	26.84 -0.83 -0.05	26.73 -0.82 -0.17	24.74 -0.74 -0.09	22.08 -0.73 0.00	20.84 -0.62 0.00	19.37 -0.40 0.00
NINE_MILE_2 23744	18.61 -0.34 0.00	16.86 -0.33 0.00	14.31 -0.28 0.00	14.28 -0.28 0.00	14.42 -0.28 0.00	18.20 -0.37 0.00	25.31 -0.52 -0.04	26.13 -0.78 -0.06	24.81 -0.76 -0.15	24.63 -0.81 -0.01	23.62 -0.76 0.00	22.65 -0.70 0.00	21.51 -0.64 0.00	21.28 -0.64 0.00	21.06 -0.63 0.00	21.43 -0.64 0.00	22.71 -0.70 -0.01	26.56 -0.79 -0.06	26.84 -0.83 -0.05	26.73 -0.82 -0.17	24.74 -0.74 -0.09	22.08 -0.73 0.00	20.84 -0.62 0.00	19.37 -0.40 0.00
NM_CAPITAL____DRP 24208	19.47 0.51 0.00	17.63 0.45 0.00	15.00 0.41 0.00	14.96 0.41 0.00	15.09 0.40 0.00	19.07 0.50 0.00	27.26 0.67 -0.81	28.96 0.89 -1.22	29.41 0.84 -3.16	26.49 0.84 -0.22	25.11 0.73 0.00	24.05 0.70 0.00	22.79 0.64 0.00	22.58 0.66 0.00	22.32 0.63 0.00	22.71 0.64 0.00	24.27 0.75 -0.11	29.47 0.90 -1.28	29.65 0.94 -1.09	32.06 0.93 -3.75	28.35 0.89 -2.08	23.58 0.78 0.00	22.04 0.58 0.00	20.06 0.30 0.00
NM_CENTRAL____DRP 24181	19.01 0.06 0.00	17.22 0.03 0.00	14.60 0.01 0.00	14.57 0.01 0.00	14.73 0.03 0.00	18.59 0.02 0.00	25.84 0.00 -0.06	26.72 -0.21 -0.09	25.38 -0.25 -0.22	25.14 -0.31 -0.02	24.16 -0.22 0.00	23.19 -0.16 0.00	22.02 -0.13 0.00	21.79 -0.13 0.00	21.59 -0.11 0.00	21.94 -0.13 0.00	23.18 -0.23 -0.01	27.14 -0.25 -0.09	27.45 -0.25 -0.08	27.39 -0.25 -0.25	25.29 -0.23 -0.14	22.58 -0.23 0.00	21.27 -0.19 0.00	19.76 0.00 0.00
NM_FRONTIER____DRP 24179	18.80 -0.15 0.00	17.10 -0.09 0.00	14.59 0.00 0.00	14.57 0.01 0.00	14.56 -0.13 0.00	18.37 -0.20 0.00	24.67 -1.21 -0.09	25.33 -1.66 -0.14	24.59 -1.19 -0.37	24.31 -1.14 -0.03	23.47 -0.90 0.00	22.65 -0.70 0.00	21.55 -0.60 0.00	21.28 -0.64 0.00	21.17 -0.52 0.00	21.61 -0.46 0.00	22.44 -0.98 -0.01	26.16 -1.28 -0.15	26.56 -1.19 -0.13	26.31 -1.48 -0.41	24.65 -0.96 -0.23	22.03 -0.78 0.00	20.61 -0.86 0.00	19.45 -0.32 0.00
NM_ST_REGIS____HYD 24053	18.73 -0.23 0.00	17.08 -0.10 0.00	14.54 -0.04 0.00	14.54 -0.01 0.00	14.70 0.00 0.00	18.59 0.02 0.00	25.81 0.03 0.00	26.99 0.13 0.00	25.59 0.18 0.00	25.58 0.15 0.00	24.60 0.22 0.00	23.47 0.12 0.00	22.19 0.04 0.00	21.92 0.00 0.00	21.61 -0.09 0.00	22.01 -0.07 0.00	23.22 -0.19 0.00	27.04 -0.25 0.00	27.45 -0.17 0.00	27.27 -0.11 0.00	25.28 -0.10 0.00	22.90 0.09 0.00	21.68 0.21 0.00	19.94 0.18 0.00
NORTHPORT____1 23551	20.61 1.53 -0.13	18.69 1.38 -0.13	15.92 1.14 -0.19	15.72 1.14 -0.03	15.84 1.12 -0.03	19.93 1.34 -0.02	28.47 1.99 -0.70	30.16 2.34 -0.97	30.27 2.34 -2.52	28.20 2.60 -0.18	27.03 2.46 -0.19	25.82 2.38 -0.09	24.42 2.26 -0.02	24.25 2.32 -0.01	24.06 2.21 -0.15	24.61 2.30 -0.23	26.22 2.48 -0.33	31.25 2.73 -1.23	31.43 2.60 -1.22	32.88 2.52 -2.98	29.84 2.49 -1.97	25.44 2.28 -0.35	23.63 2.10 -0.06	21.24 1.36 -0.11
NORTHPORT____2 23552	20.61 1.53 -0.13	18.69 1.38 -0.13	15.92 1.14 -0.19	15.72 1.14 -0.03	15.84 1.12 -0.03	19.93 1.34 -0.02	28.47 1.99 -0.70	30.16 2.34 -0.97	30.27 2.34 -2.52	28.20 2.60 -0.18	27.03 2.46 -0.19	25.82 2.38 -0.09	24.42 2.26 -0.02	24.25 2.32 -0.01	24.06 2.21 -0.15	24.61 2.30 -0.23	26.22 2.48 -0.33	31.25 2.73 -1.23	31.43 2.60 -1.22	32.88 2.52 -2.98	29.84 2.49 -1.97	25.44 2.28 -0.35	23.63 2.10 -0.06	21.24 1.36 -0.11
NORTHPORT____3 23553	21.10 1.80 -0.35	19.16 1.61 -0.36	16.47 1.36 -0.53	15.97 1.34 -0.08	16.11 1.32 -0.09	20.21 1.58 -0.06	28.92 2.32 -0.81	30.24 2.42 -0.97	30.49 2.57 -2.52	28.35 2.75 -0.17	27.56 2.68 -0.51	26.19 2.61 -0.23	24.65 2.48 -0.02	24.41 2.48 -0.01	24.49 2.41 -0.39	25.08 2.47 -0.53	26.84 2.69 -0.74	31.87 3.00 -1.58	32.31 2.93 -1.76	31.87 2.87 -1.62	30.54 2.64 -2.52	26.22 2.49 -0.93	23.91 2.30 -0.14	21.69 1.62 -0.31

NORTHPORT___4 23650	21.10 1.80 -0.35	19.16 1.61 -0.36	16.47 1.36 -0.53	15.97 1.34 -0.08	16.11 1.32 -0.09	20.21 1.58 -0.06	28.92 2.32 -0.81	30.24 2.42 -0.97	30.49 2.57 -2.52	28.35 2.75 -0.17	27.56 2.68 -0.51	26.19 2.61 -0.23	24.65 2.48 -0.02	24.41 2.48 -0.01	24.49 2.41 -0.39	25.08 2.47 -0.53	26.84 2.69 -0.74	31.87 3.00 -1.58	32.31 2.93 -1.76	31.87 2.87 -1.62	30.54 2.64 -2.52	26.22 2.49 -0.93	23.91 2.30 -0.14	21.69 1.62 -0.31
NORTHPORT___IC 23718	20.61 1.53 -0.13	18.69 1.38 -0.13	15.92 1.14 -0.19	15.72 1.14 -0.03	15.84 1.12 -0.03	19.93 1.34 -0.02	28.47 1.99 -0.70	30.16 2.34 -0.97	30.27 2.34 -2.52	28.20 2.60 -0.18	27.03 2.46 -0.19	25.82 2.38 -0.09	24.42 2.26 -0.02	24.25 2.32 -0.01	24.06 2.21 -0.15	24.61 2.30 -0.23	26.22 2.48 -0.33	31.25 2.73 -1.23	31.43 2.60 -1.22	32.88 2.52 -2.98	29.84 2.49 -1.97	25.44 2.28 -0.35	23.63 2.10 -0.06	21.24 1.36 -0.11
NORTH___COUNTRY_ESR 323785	18.65 -0.30 0.00	17.03 -0.15 0.00	14.53 -0.06 0.00	14.57 0.01 0.00	14.74 0.04 0.00	18.63 0.06 0.00	25.94 0.16 0.00	27.18 0.32 0.00	25.82 0.41 0.00	25.84 0.41 0.00	24.84 0.46 0.00	23.72 0.37 0.00	22.42 0.27 0.00	22.14 0.22 0.00	21.91 0.22 0.00	22.30 0.22 0.00	23.62 0.21 0.00	27.51 0.22 0.00	27.87 0.25 0.00	27.57 0.19 0.00	25.61 0.23 0.00	23.10 0.30 0.00	21.76 0.30 0.00	20.02 0.26 0.00
NPX_GEN_1385_PROXY 323591	20.31 1.23 -0.13	18.42 1.10 -0.13	15.77 0.99 -0.19	15.57 0.99 -0.03	15.65 0.93 -0.03	19.76 1.17 -0.02	28.16 1.67 -0.70	29.52 1.69 -0.97	29.56 1.63 -2.52	27.49 1.88 -0.18	26.32 1.76 -0.19	25.14 1.70 -0.09	23.67 1.51 -0.02	23.68 1.75 -0.01	23.38 1.54 -0.15	24.03 1.72 -0.23	25.66 1.92 -0.33	30.62 2.10 -1.23	30.80 1.96 -1.22	32.12 1.75 -2.98	29.23 1.88 -1.97	24.89 1.73 -0.35	23.15 1.63 -0.06	21.02 1.15 -0.11
NPX_GEN_CSC 323557	29.95 1.97 -9.02	28.30 1.77 -9.35	29.45 1.49 -13.37	18.38 1.47 -2.36	18.67 1.46 -2.52	22.31 1.77 -1.97	33.54 2.55 -5.20	30.86 3.03 -0.97	31.12 3.07 -2.63	29.04 3.36 -0.25	40.05 3.19 -12.48	32.13 3.11 -5.68	25.64 2.92 -0.57	25.18 2.94 -0.32	34.19 2.86 -9.63	36.78 2.91 -11.80	42.75 3.21 -16.13	45.72 3.52 -14.91	54.78 3.45 -23.71	53.14 3.37 -22.39	51.93 3.17 -23.38	48.69 2.96 -22.92	27.73 2.70 -3.56	29.60 1.82 -8.03
NSINS_S_GLNS_FALLS 23858	20.39 1.44 0.00	18.44 1.25 0.00	15.62 1.04 0.00	15.59 1.03 0.00	15.74 1.04 0.00	19.98 1.41 0.00	28.67 2.06 -0.83	30.44 2.34 -1.25	30.83 2.19 -3.23	27.72 2.06 -0.23	26.30 1.93 0.00	25.19 1.84 0.00	23.79 1.64 0.00	23.54 1.62 0.00	23.28 1.58 0.00	23.53 1.46 0.00	25.18 1.66 -0.11	30.60 1.99 -1.31	30.75 2.02 -1.12	33.23 1.97 -3.88	29.64 2.11 -2.15	24.63 1.82 0.00	23.12 1.65 0.00	20.97 1.21 0.00
NUCOR_STEEL___DRP 24197	19.31 0.36 0.00	17.48 0.29 0.00	14.84 0.25 0.00	14.80 0.25 0.00	14.95 0.25 0.00	18.87 0.30 0.00	26.27 0.41 -0.08	27.26 0.30 -0.12	25.97 0.25 -0.30	25.71 0.25 -0.02	24.67 0.29 0.00	23.65 0.30 0.00	22.46 0.31 0.00	22.23 0.31 0.00	21.98 0.28 0.00	22.36 0.29 0.00	23.63 0.21 -0.01	27.71 0.30 -0.12	28.03 0.30 -0.11	28.02 0.30 -0.34	25.87 0.30 -0.19	23.04 0.23 0.00	21.68 0.21 0.00	20.12 0.36 0.00
NUMBER_THREE_WT_PWR 323818	19.12 0.17 0.00	17.36 0.17 0.00	14.75 0.16 0.00	14.70 0.15 0.00	14.87 0.18 0.00	18.83 0.26 0.00	26.29 0.49 -0.02	27.40 0.51 -0.03	25.98 0.48 -0.09	25.87 0.43 -0.01	24.79 0.41 0.00	23.68 0.33 0.00	22.44 0.29 0.00	22.16 0.24 0.00	21.91 0.22 0.00	22.32 0.24 0.00	23.65 0.23 0.00	27.62 0.30 -0.03	28.01 0.36 -0.03	28.02 0.55 -0.09	25.84 0.40 -0.05	23.20 0.39 0.00	21.83 0.36 0.00	20.14 0.37 0.00
NYISO_LBMP_REFERENCE 24008	18.95 0.00 0.00	17.18 0.00 0.00	14.59 0.00 0.00	14.55 0.00 0.00	14.70 0.00 0.00	18.57 0.00 0.00	25.78 0.00 0.00	26.85 0.00 0.00	25.41 0.00 0.00	25.43 0.00 0.00	24.38 0.00 0.00	23.35 0.00 0.00	22.15 0.00 0.00	21.92 0.00 0.00	21.69 0.00 0.00	22.07 0.00 0.00	23.41 0.00 0.00	27.29 0.00 0.00	27.62 0.00 0.00	27.38 0.00 0.00	25.38 0.00 0.00	22.81 0.00 0.00	21.46 0.00 0.00	19.76 0.00 0.00
NYPA_BRENTWD___GT 24164	22.87 1.84 -2.08	20.97 1.63 -2.15	19.03 1.36 -3.08	16.45 1.35 -0.54	16.61 1.34 -0.58	20.65 1.63 -0.45	29.85 2.37 -1.69	30.59 2.77 -0.97	30.75 2.80 -2.54	28.67 3.05 -0.19	30.19 2.92 -2.89	27.49 2.82 -1.32	24.96 2.68 -0.14	24.71 2.72 -0.08	26.57 2.65 -2.23	27.54 2.69 -2.77	30.14 2.93 -3.80	34.80 3.27 -4.23	36.95 3.17 -6.16	37.55 3.09 -7.08	35.00 2.94 -6.67	30.83 2.71 -5.30	24.78 2.49 -0.83	23.29 1.68 -1.85
NYPA_GOWANUS___GT5 24156	20.27 1.31 -0.01	18.34 1.15 -0.01	15.53 0.93 -0.01	15.48 0.92 -0.01	15.60 0.90 -0.01	19.75 1.17 -0.01	28.09 1.65 -0.65	29.98 2.15 -0.98	30.13 2.19 -2.53	30.33 2.39 -2.51	28.37 2.17 -1.83	29.34 2.15 -3.85	29.34 2.06 -5.13	29.34 2.06 -5.36	27.44 1.97 -3.78	27.44 2.03 -3.34	29.37 2.25 -3.71	35.50 2.46 -5.75	30.85 2.35 -0.88	32.63 2.30 -2.95	29.03 2.00 -1.64	24.80 1.98 -0.01	23.19 1.72 -0.01	20.86 1.09 -0.01
NYPA_GOWANUS___GT6 24157	20.27 1.31 -0.01	18.34 1.15 -0.01	15.53 0.93 -0.01	15.48 0.92 -0.01	15.60 0.90 -0.01	19.75 1.17 -0.01	28.09 1.65 -0.65	29.98 2.15 -0.98	30.13 2.19 -2.53	30.33 2.39 -2.51	28.37 2.17 -1.83	29.34 2.15 -3.85	29.34 2.06 -5.13	29.34 2.06 -5.36	27.44 1.97 -3.78	27.44 2.03 -3.34	29.37 2.25 -3.71	35.50 2.46 -5.75	30.85 2.35 -0.88	32.63 2.30 -2.95	29.03 2.00 -1.64	24.80 1.98 -0.01	23.19 1.72 -0.01	20.86 1.09 -0.01
NYPA_HARLEM__RVR_GT1 24160	20.33 1.37 -0.01	18.43 1.24 -0.01	15.60 1.01 -0.01	15.57 1.00 -0.01	15.69 0.98 -0.01	19.86 1.28 -0.01	28.16 1.73 -0.65	30.01 2.17 -0.98	30.08 2.14 -2.53	27.93 2.31 -0.19	26.50 2.12 -0.01	25.46 2.10 -0.01	24.17 2.02 -0.01	23.94 2.02 -0.01	23.63 1.93 -0.01	24.07 1.99 -0.01	25.68 2.18 -0.10	30.68 2.35 -1.04	30.74 2.24 -0.88	32.52 2.19 -2.95	28.98 1.95 -1.64	24.78 1.96 -0.01	23.23 1.76 -0.01	20.96 1.19 -0.01
NYPA_HARLEM__RVR_GT2 24161	20.33 1.37 -0.01	18.43 1.24 -0.01	15.60 1.01 -0.01	15.57 1.00 -0.01	15.69 0.98 -0.01	19.86 1.28 -0.01	28.16 1.73 -0.65	30.01 2.17 -0.98	30.08 2.14 -2.53	27.93 2.31 -0.19	26.50 2.12 -0.01	25.46 2.10 -0.01	24.17 2.02 -0.01	23.94 2.02 -0.01	23.63 1.93 -0.01	24.07 1.99 -0.01	25.68 2.18 -0.10	30.68 2.35 -1.04	30.74 2.24 -0.88	32.52 2.19 -2.95	28.98 1.95 -1.64	24.78 1.96 -0.01	23.23 1.76 -0.01	20.96 1.19 -0.01
NYPA_KENT___GT 24152	20.25 1.29 -0.01	18.34 1.15 -0.01	15.53 0.93 -0.01	15.49 0.93 -0.01	15.62 0.91 -0.01	19.77 1.19 -0.01	28.09 1.65 -0.65	29.98 2.15 -0.98	30.10 2.16 -2.53	30.14 2.37 -2.35	28.25 2.17 -1.70	29.06 2.12 -3.59	28.97 2.04 -4.79	28.96 2.04 -5.00	27.17 1.95 -3.52	27.19 2.01 -3.11	29.10 2.23 -3.47	35.12 2.40 -5.43	30.80 2.29 -0.88	32.58 2.25 -2.95	29.01 1.98 -1.64	24.78 1.96 -0.01	23.19 1.72 -0.01	20.86 1.09 -0.01

NYPA_POUCH1____GT 24155	20.27 1.31 -0.01	18.36 1.17 -0.01	15.54 0.95 -0.01	15.49 0.93 -0.01	15.62 0.91 -0.01	19.77 1.19 -0.01	28.11 1.67 -0.65	30.01 2.17 -0.98	30.15 2.21 -2.53	30.35 2.42 -2.51	28.40 2.19 -1.83	29.37 2.17 -3.85	29.36 2.08 -5.13	29.37 2.08 -5.36	27.46 1.99 -3.78	27.46 2.05 -3.34	29.39 2.27 -3.71	35.52 2.48 -5.75	30.88 2.38 -0.88	32.66 2.33 -2.95	29.08 2.06 -1.64	24.82 2.01 -0.01	23.21 1.74 -0.01	20.88 1.11 -0.01
NYPA_VERNON____GT2 24162	20.25 1.29 -0.01	18.34 1.15 -0.01	15.53 0.93 -0.01	15.49 0.93 -0.01	15.62 0.91 -0.01	19.78 1.21 -0.01	28.09 1.65 -0.65	29.98 2.15 -0.98	30.10 2.16 -2.53	29.96 2.34 -2.19	28.10 2.15 -1.58	28.78 2.10 -3.32	28.60 2.02 -4.44	28.57 2.02 -4.64	26.91 1.95 -3.26	26.97 2.01 -2.88	28.83 2.20 -3.22	34.77 2.37 -5.11	30.77 2.27 -0.88	32.55 2.22 -2.95	28.98 1.95 -1.64	24.78 1.96 -0.01	23.19 1.72 -0.01	20.86 1.09 -0.01
NYPA_VERNON____GT3 24163	20.25 1.29 -0.01	18.34 1.15 -0.01	15.53 0.93 -0.01	15.49 0.93 -0.01	15.62 0.91 -0.01	19.78 1.21 -0.01	28.09 1.65 -0.65	29.98 2.15 -0.98	30.10 2.16 -2.53	29.96 2.34 -2.19	28.10 2.15 -1.58	28.78 2.10 -3.32	28.60 2.02 -4.44	28.57 2.02 -4.64	26.91 1.95 -3.26	26.97 2.01 -2.88	28.83 2.20 -3.22	34.77 2.37 -5.11	30.77 2.27 -0.88	32.55 2.22 -2.95	28.98 1.95 -1.64	24.78 1.96 -0.01	23.19 1.72 -0.01	20.86 1.09 -0.01
NYPA____ASTORIA_CC1 323568	20.25 1.29 -0.01	18.36 1.17 -0.01	15.54 0.95 -0.01	15.49 0.93 -0.01	15.62 0.91 -0.01	19.78 1.21 -0.01	28.09 1.65 -0.65	29.95 2.12 -0.98	30.08 2.14 -2.53	30.25 2.31 -2.51	28.35 2.15 -1.83	29.30 2.10 -3.85	29.30 2.02 -5.14	29.30 2.02 -5.37	27.40 1.93 -3.78	27.40 1.99 -3.34	29.30 2.18 -3.71	35.39 2.35 -5.75	30.74 2.24 -0.88	32.52 2.19 -2.95	28.98 1.95 -1.64	24.75 1.94 -0.01	23.19 1.72 -0.01	20.88 1.11 -0.01
NYPA____ASTORIA_CC2 323569	20.25 1.29 -0.01	18.36 1.17 -0.01	15.54 0.95 -0.01	15.49 0.93 -0.01	15.62 0.91 -0.01	19.78 1.21 -0.01	28.09 1.65 -0.65	29.95 2.12 -0.98	30.08 2.14 -2.53	30.25 2.31 -2.51	28.35 2.15 -1.83	29.30 2.10 -3.85	29.30 2.02 -5.14	29.30 2.02 -5.37	27.40 1.93 -3.78	27.40 1.99 -3.34	29.30 2.18 -3.71	35.39 2.35 -5.75	30.74 2.24 -0.88	32.52 2.19 -2.95	28.98 1.95 -1.64	24.75 1.94 -0.01	23.19 1.72 -0.01	20.88 1.11 -0.01
NYPA____HOLTSVILL 23794	29.62 1.80 -8.86	27.98 1.61 -9.18	29.06 1.34 -13.13	18.21 1.34 -2.32	18.49 1.32 -2.47	22.10 1.60 -1.93	33.25 2.35 -5.12	30.51 2.68 -0.97	30.76 2.72 -2.63	28.65 2.97 -0.25	39.46 2.83 -12.26	31.68 2.75 -5.58	25.32 2.61 -0.56	24.86 2.63 -0.31	33.71 2.56 -9.45	36.26 2.60 -11.58	42.08 2.83 -15.84	45.08 3.14 -14.65	53.96 3.04 -23.30	52.39 2.96 -22.05	51.19 2.82 -22.99	47.93 2.62 -22.50	27.37 2.40 -3.50	29.28 1.64 -7.88
NYPA____HELLGATE_GT1 24158	20.33 1.37 -0.01	18.43 1.24 -0.01	15.60 1.01 -0.01	15.57 1.00 -0.01	15.69 0.98 -0.01	19.86 1.28 -0.01	28.16 1.73 -0.65	30.01 2.17 -0.98	30.08 2.14 -2.53	27.93 2.31 -0.19	26.50 2.12 -0.01	25.46 2.10 -0.01	24.17 2.02 -0.01	23.94 2.02 -0.01	23.63 1.93 -0.01	24.07 1.99 -0.01	25.68 2.18 -0.10	30.68 2.35 -1.04	30.74 2.24 -0.88	32.52 2.19 -2.95	28.98 1.95 -1.64	24.78 1.96 -0.01	23.23 1.76 -0.01	20.96 1.19 -0.01
NYPA____HELLGATE_GT2 24159	20.33 1.37 -0.01	18.43 1.24 -0.01	15.60 1.01 -0.01	15.57 1.00 -0.01	15.69 0.98 -0.01	19.86 1.28 -0.01	28.16 1.73 -0.65	30.01 2.17 -0.98	30.08 2.14 -2.53	27.93 2.31 -0.19	26.50 2.12 -0.01	25.46 2.10 -0.01	24.17 2.02 -0.01	23.94 2.02 -0.01	23.63 1.93 -0.01	24.07 1.99 -0.01	25.68 2.18 -0.10	30.68 2.35 -1.04	30.74 2.24 -0.88	32.52 2.19 -2.95	28.98 1.95 -1.64	24.78 1.96 -0.01	23.23 1.76 -0.01	20.96 1.19 -0.01
NYS_BARGE____HYD 23848	19.18 0.23 0.00	17.41 0.22 0.00	14.76 0.18 0.00	14.74 0.19 0.00	14.89 0.19 0.00	18.68 0.11 0.00	25.15 -0.72 -0.09	25.86 -1.13 -0.14	25.09 -0.68 -0.36	24.95 -0.51 -0.03	24.08 -0.29 0.00	23.21 -0.14 0.00	22.08 -0.07 0.00	21.81 -0.11 0.00	21.72 0.02 0.00	22.19 0.11 0.00	22.88 -0.54 -0.01	26.86 -0.57 -0.14	27.27 -0.47 -0.12	27.04 -0.74 -0.40	25.25 -0.36 -0.22	22.56 -0.25 0.00	21.34 -0.13 0.00	19.94 0.18 0.00
OAK ORCHARD____HYD 24046	19.10 0.15 0.00	17.31 0.12 0.00	14.70 0.12 0.00	14.67 0.12 0.00	14.83 0.13 0.00	18.61 0.04 0.00	25.91 0.05 -0.07	26.86 -0.11 -0.11	25.78 0.08 -0.29	25.27 -0.18 -0.02	24.33 -0.05 0.00	23.37 0.02 0.00	22.22 0.07 0.00	21.96 0.04 0.00	21.82 0.13 0.00	22.23 0.16 0.00	23.54 0.12 -0.01	27.65 0.25 -0.11	27.99 0.28 -0.10	27.84 0.14 -0.33	25.84 0.28 -0.18	22.72 -0.09 0.00	21.46 0.00 0.00	19.88 0.12 0.00
OAKDALE__35_KV_LOAD 356122	19.37 0.42 0.00	17.55 0.36 0.00	14.88 0.29 0.00	14.84 0.29 0.00	15.01 0.31 0.00	18.92 0.35 0.00	26.22 0.23 -0.20	27.37 0.21 -0.30	26.45 0.25 -0.78	25.92 0.43 -0.06	24.84 0.46 0.00	23.84 0.49 0.00	22.64 0.49 0.00	22.40 0.48 0.00	22.19 0.50 0.00	22.60 0.53 0.00	23.88 0.44 -0.03	27.91 0.30 -0.32	28.17 0.28 -0.27	28.50 0.27 -0.85	26.13 0.28 -0.47	23.26 0.46 0.00	21.79 0.32 0.00	20.12 0.36 0.00
OCC_CHEM____DRP 24175	18.86 -0.09 0.00	17.13 -0.05 0.00	14.62 0.03 0.00	14.60 0.04 0.00	14.61 -0.09 0.00	18.40 -0.17 0.00	24.74 -1.13 -0.09	25.38 -1.61 -0.14	24.64 -1.14 -0.37	24.39 -1.07 -0.03	23.52 -0.85 0.00	22.72 -0.63 0.00	21.59 -0.55 0.00	21.33 -0.59 0.00	21.24 -0.46 0.00	21.68 -0.40 0.00	22.51 -0.91 -0.01	26.21 -1.23 -0.15	26.62 -1.13 -0.13	26.40 -1.40 -0.41	24.70 -0.91 -0.23	22.10 -0.71 0.00	20.67 -0.79 0.00	19.51 -0.26 0.00
OH_GEN_PROXY 24063	18.97 0.02 0.00	17.20 0.02 0.00	14.65 0.06 0.00	14.63 0.07 0.00	14.77 0.07 0.00	18.46 -0.11 0.00	25.00 -0.88 -0.09	25.73 -1.26 -0.14	24.94 -0.84 -0.36	24.72 -0.74 -0.03	23.84 -0.54 0.00	23.00 -0.35 0.00	21.91 -0.24 0.00	21.61 -0.31 0.00	21.50 -0.20 0.00	21.96 -0.11 0.00	22.72 -0.70 -0.01	26.64 -0.79 -0.14	27.02 -0.72 -0.12	26.78 -1.01 -0.41	25.05 -0.56 -0.23	22.33 -0.48 0.00	21.12 -0.34 0.00	19.72 -0.04 0.00
OLIN_CORP_DRP 24177	18.86 -0.09 0.00	17.10 -0.09 0.00	14.56 -0.03 0.00	14.54 -0.01 0.00	14.80 0.10 0.00	18.35 -0.22 0.00	24.80 -1.08 -0.09	25.46 -1.53 -0.14	24.72 -1.07 -0.37	24.54 -0.92 -0.03	23.67 -0.71 0.00	22.86 -0.49 0.00	21.73 -0.42 0.00	21.46 -0.46 0.00	21.37 -0.33 0.00	21.83 -0.24 0.00	22.65 -0.77 -0.01	26.32 -1.12 -0.15	26.76 -0.99 -0.13	26.51 -1.29 -0.41	24.80 -0.81 -0.23	22.24 -0.57 0.00	20.78 -0.69 0.00	19.66 -0.10 0.00
OLIN_CORP_DSASP 323712	18.76 -0.19 0.00	17.00 -0.19 0.00	14.62 0.03 0.00	14.60 0.04 0.00	14.74 0.04 0.00	18.26 -0.32 0.00	24.74 -1.13 -0.09	25.38 -1.61 -0.14	24.64 -1.14 -0.37	24.39 -1.07 -0.03	23.52 -0.85 0.00	22.72 -0.63 0.00	21.64 -0.51 0.00	21.33 -0.59 0.00	21.24 -0.46 0.00	21.68 -0.40 0.00	22.44 -0.98 -0.01	26.31 -1.12 -0.14	26.72 -1.02 -0.12	26.48 -1.31 -0.41	24.77 -0.84 -0.23	22.06 -0.75 0.00	20.89 -0.58 0.00	19.50 -0.26 0.00

ONEIDA_HERK_LFGE 323681	19.26 0.30 0.00	17.46 0.27 0.00	14.84 0.25 0.00	14.79 0.23 0.00	14.96 0.26 0.00	18.92 0.35 0.00	26.35 0.54 -0.02	27.39 0.51 -0.03	26.03 0.53 -0.08	25.94 0.51 -0.01	24.86 0.49 0.00	23.75 0.40 0.00	22.52 0.38 0.00	22.25 0.33 0.00	22.02 0.33 0.00	22.43 0.35 0.00	23.78 0.37 0.00	27.78 0.46 -0.03	28.17 0.52 -0.02	28.12 0.66 -0.08	25.96 0.53 -0.04	23.26 0.46 0.00	21.89 0.43 0.00	20.22 0.45 0.00
ONEIDA___115KV_TB4 55905	19.45 0.49 0.00	17.63 0.45 0.00	14.97 0.38 0.00	14.92 0.36 0.00	15.09 0.40 0.00	19.07 0.50 0.00	26.52 0.70 -0.04	27.53 0.62 -0.06	26.30 0.74 -0.15	26.18 0.74 -0.01	25.11 0.73 0.00	23.98 0.63 0.00	22.75 0.60 0.00	22.49 0.57 0.00	22.26 0.56 0.00	22.65 0.57 0.00	24.02 0.61 0.00	28.05 0.71 -0.05	28.44 0.77 -0.04	28.42 0.90 -0.14	26.22 0.76 -0.08	23.47 0.66 0.00	22.00 0.54 0.00	20.43 0.67 0.00
ONONDAGA_REF_OCCRA 23987	19.09 0.13 0.00	17.29 0.10 0.00	14.66 0.07 0.00	14.63 0.07 0.00	14.79 0.09 0.00	18.66 0.09 0.00	25.96 0.10 -0.07	26.88 -0.08 -0.10	25.58 -0.10 -0.13	25.32 -0.13 -0.07	24.30 -0.07 0.00	23.33 -0.02 0.00	22.15 0.00 0.00	21.92 0.00 0.00	21.72 0.02 0.00	22.07 0.00 0.00	23.35 -0.07 -0.01	27.35 -0.05 -0.11	27.63 -0.08 -0.10	27.60 -0.08 -0.30	25.47 -0.08 -0.17	22.74 -0.07 0.00	21.40 -0.06 0.00	19.86 0.10 0.00
ONONDAGA___COGEN 23986	19.18 0.23 0.00	17.37 0.19 0.00	14.73 0.15 0.00	14.70 0.15 0.00	14.86 0.16 0.00	18.76 0.19 0.00	26.13 0.28 -0.06	27.03 0.08 -0.10	25.69 0.03 -0.25	25.45 0.00 -0.02	24.45 0.07 0.00	23.44 0.09 0.00	22.26 0.11 0.00	22.03 0.11 0.00	21.80 0.11 0.00	22.16 0.09 0.00	23.44 0.02 -0.01	27.47 0.08 -0.10	27.76 0.06 -0.09	27.72 0.05 -0.28	25.59 0.05 -0.16	22.83 0.02 0.00	21.49 0.02 0.00	19.96 0.20 0.00
ONTARIO___LFGE 23819	19.41 0.45 0.00	17.55 0.36 0.00	14.89 0.31 0.00	14.86 0.31 0.00	15.02 0.32 0.00	18.92 0.35 0.00	26.23 0.36 -0.09	27.20 0.21 -0.14	26.07 0.31 -0.35	25.81 0.36 -0.02	24.84 0.46 0.00	23.84 0.49 0.00	22.64 0.49 0.00	22.38 0.46 0.00	22.19 0.50 0.00	22.60 0.53 0.00	23.72 0.30 -0.01	27.89 0.46 -0.14	28.18 0.44 -0.12	28.18 0.41 -0.39	26.00 0.40 -0.22	23.13 0.32 0.00	21.81 0.34 0.00	20.18 0.42 0.00
ORANGEVILLE_WT_PWR 323706	19.37 0.42 0.00	17.53 0.34 0.00	14.89 0.31 0.00	14.87 0.32 0.00	15.01 0.31 0.00	18.81 0.24 0.00	25.33 -0.57 -0.11	26.19 -0.83 -0.17	25.40 -0.46 -0.44	25.46 0.00 -0.03	24.57 0.19 0.00	23.70 0.35 0.00	22.55 0.40 0.00	22.27 0.35 0.00	22.13 0.43 0.00	22.58 0.51 0.00	23.14 -0.28 -0.01	27.19 -0.27 -0.17	27.58 -0.19 -0.15	27.49 -0.38 -0.50	25.51 -0.15 -0.27	23.01 0.20 0.00	21.70 0.24 0.00	20.16 0.40 0.00
ORANGEVILLE___ESR 323794	19.37 0.42 0.00	17.53 0.34 0.00	14.89 0.31 0.00	14.87 0.32 0.00	15.01 0.31 0.00	18.81 0.24 0.00	25.33 -0.57 -0.11	26.19 -0.83 -0.17	25.40 -0.46 -0.44	25.46 0.00 -0.03	24.57 0.19 0.00	23.70 0.35 0.00	22.55 0.40 0.00	22.27 0.35 0.00	22.13 0.43 0.00	22.58 0.51 0.00	23.14 -0.28 -0.01	27.19 -0.27 -0.17	27.58 -0.19 -0.15	27.49 -0.38 -0.50	25.51 -0.15 -0.27	23.01 0.20 0.00	21.70 0.24 0.00	20.16 0.40 0.00
OSWEGATCHIE___HYD 24044	18.86 -0.09 0.00	17.15 -0.03 0.00	14.59 0.00 0.00	14.55 0.00 0.00	14.73 0.03 0.00	18.61 0.04 0.00	26.03 0.23 -0.02	27.17 0.30 -0.02	25.76 0.28 -0.06	25.66 0.23 0.00	24.62 0.24 0.00	23.51 0.16 0.00	22.26 0.11 0.00	21.96 0.04 0.00	21.69 0.00 0.00	22.10 0.02 0.00	23.39 -0.02 0.00	27.18 -0.14 -0.03	27.59 -0.06 -0.02	27.53 0.08 -0.07	25.45 0.03 -0.04	22.95 0.14 0.00	21.64 0.17 0.00	19.96 0.20 0.00
OSWEGO___5 23606	18.73 -0.23 0.00	16.96 -0.22 0.00	14.40 -0.19 0.00	14.36 -0.19 0.00	14.52 -0.18 0.00	18.33 -0.24 0.00	25.47 -0.36 -0.04	26.35 -0.57 -0.07	25.03 -0.56 -0.18	24.83 -0.61 -0.01	23.84 -0.54 0.00	22.86 -0.49 0.00	21.68 -0.47 0.00	21.46 -0.46 0.00	21.26 -0.43 0.00	21.63 -0.44 0.00	22.90 -0.52 -0.01	26.78 -0.57 -0.07	27.07 -0.61 -0.06	26.97 -0.60 -0.20	24.96 -0.53 -0.11	22.28 -0.52 0.00	21.01 -0.45 0.00	19.50 -0.26 0.00
OSWEGO___6 23613	18.73 -0.23 0.00	16.96 -0.22 0.00	14.40 -0.19 0.00	14.36 -0.19 0.00	14.52 -0.18 0.00	18.33 -0.24 0.00	25.47 -0.36 -0.04	26.35 -0.57 -0.07	25.03 -0.56 -0.18	24.83 -0.61 -0.01	23.84 -0.54 0.00	22.86 -0.49 0.00	21.68 -0.47 0.00	21.46 -0.46 0.00	21.26 -0.43 0.00	21.63 -0.44 0.00	22.90 -0.52 -0.01	26.78 -0.57 -0.07	27.07 -0.61 -0.06	26.97 -0.60 -0.20	24.96 -0.53 -0.11	22.28 -0.52 0.00	21.01 -0.45 0.00	19.50 -0.26 0.00
OUTOKUMPU-AB___DRP 24206	19.35 0.40 0.00	17.53 0.34 0.00	14.94 0.35 0.00	14.92 0.36 0.00	15.04 0.34 0.00	18.83 0.26 0.00	25.29 -0.59 -0.10	26.00 -0.99 -0.14	25.23 -0.56 -0.37	25.18 -0.28 -0.03	24.30 -0.07 0.00	23.44 0.09 0.00	22.28 0.13 0.00	22.03 0.11 0.00	21.91 0.22 0.00	22.38 0.31 0.00	23.26 -0.16 -0.01	26.93 -0.52 -0.15	27.36 -0.39 -0.13	27.17 -0.63 -0.42	25.34 -0.28 -0.23	22.83 0.02 0.00	21.31 -0.15 0.00	20.08 0.32 0.00
OXBOW___ 24026	19.09 0.13 0.00	17.29 0.10 0.00	14.81 0.22 0.00	14.80 0.25 0.00	14.93 0.23 0.00	18.55 -0.02 0.00	25.05 -0.83 -0.09	25.76 -1.23 -0.14	25.00 -0.79 -0.37	24.85 -0.61 -0.03	23.98 -0.39 0.00	23.14 -0.21 0.00	22.02 -0.13 0.00	21.74 -0.18 0.00	21.63 -0.06 0.00	22.10 0.02 0.00	22.79 -0.63 -0.01	26.75 -0.68 -0.15	27.16 -0.58 -0.12	26.92 -0.88 -0.42	25.16 -0.46 -0.23	22.47 -0.34 0.00	21.25 -0.21 0.00	19.84 0.08 0.00
OXY_CHEM_DSASP 323612	18.86 -0.09 0.00	17.13 -0.05 0.00	14.62 0.03 0.00	14.60 0.04 0.00	14.61 -0.09 0.00	18.40 -0.17 0.00	24.74 -1.13 -0.09	25.38 -1.61 -0.14	24.64 -1.14 -0.37	24.39 -1.07 -0.03	23.52 -0.85 0.00	22.72 -0.63 0.00	21.59 -0.55 0.00	21.33 -0.59 0.00	21.24 -0.46 0.00	21.68 -0.40 0.00	22.51 -0.91 -0.01	26.21 -1.23 -0.15	26.62 -1.13 -0.13	26.40 -1.40 -0.41	24.70 -0.91 -0.23	22.10 -0.71 0.00	20.67 -0.79 0.00	19.51 -0.26 0.00
OZONE_PARK_ESR 323760	20.32 1.36 0.00	18.37 1.19 0.00	15.55 0.96 0.00	15.50 0.95 0.00	15.62 0.93 0.00	19.78 1.21 0.00	28.16 1.73 -0.64	30.05 2.23 -0.97	30.17 2.24 -2.52	28.05 2.44 -0.18	26.62 2.24 0.00	25.54 2.19 0.00	24.25 2.10 0.00	24.02 2.10 0.00	23.71 2.02 0.00	24.15 2.08 0.00	25.84 2.34 -0.09	30.80 2.48 -1.02	30.84 2.35 -0.87	32.63 2.30 -2.95	29.07 2.06 -1.64	24.86 2.05 0.00	23.20 1.74 0.00	20.89 1.13 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	18.86 -0.09 0.00	17.13 -0.05 0.00	14.62 0.03 0.00	14.60 0.04 0.00	14.61 -0.09 0.00	18.40 -0.17 0.00	24.74 -1.13 -0.09	25.38 -1.61 -0.14	24.64 -1.14 -0.37	24.39 -1.07 -0.03	23.52 -0.85 0.00	22.72 -0.63 0.00	21.59 -0.55 0.00	21.33 -0.59 0.00	21.24 -0.46 0.00	21.68 -0.40 0.00	22.51 -0.91 -0.01	26.21 -1.23 -0.15	26.62 -1.13 -0.13	26.40 -1.40 -0.41	24.70 -0.91 -0.23	22.10 -0.71 0.00	20.67 -0.79 0.00	19.51 -0.26 0.00

PACKARD__115KV_DUPONT_184 80571	18.86 -0.09 0.00	17.13 -0.05 0.00	14.62 0.03 0.00	14.60 0.04 0.00	14.61 -0.09 0.00	18.40 -0.17 0.00	24.74 -1.13 -0.09	25.38 -1.61 -0.14	24.64 -1.14 -0.37	24.39 -1.07 -0.03	23.52 -0.85 0.00	22.72 -0.63 0.00	21.59 -0.55 0.00	21.33 -0.59 0.00	21.24 -0.46 0.00	21.68 -0.40 0.00	22.51 -0.91 -0.01	26.21 -1.23 -0.15	26.62 -1.13 -0.13	26.40 -1.40 -0.41	24.70 -0.91 -0.23	22.10 -0.71 0.00	20.67 -0.79 0.00	19.51 -0.26 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	20.24 1.29 0.00	18.35 1.17 0.00	15.54 0.95 0.00	15.50 0.95 0.00	15.62 0.93 0.00	19.77 1.19 -0.01	28.05 1.62 -0.64	29.90 2.07 -0.98	29.97 2.03 -2.53	27.83 2.21 -0.19	26.41 2.02 -0.01	25.34 1.98 -0.01	24.08 1.93 -0.01	23.83 1.91 -0.01	23.55 1.84 -0.01	23.98 1.90 -0.01	25.63 2.13 -0.10	30.56 2.24 -1.03	30.62 2.13 -0.88	32.44 2.11 -2.95	28.88 1.85 -1.64	24.66 1.85 -0.01	23.10 1.63 -0.01	20.87 1.11 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	20.47 1.52 0.00	18.54 1.36 0.00	15.71 1.12 0.00	15.66 1.11 0.00	15.77 1.07 0.00	19.95 1.37 -0.01	28.34 1.91 -0.64	30.06 2.23 -0.98	30.13 2.19 -2.53	27.98 2.36 -0.19	26.55 2.17 -0.01	25.46 2.10 -0.01	24.22 2.06 -0.01	23.94 2.02 -0.01	23.65 1.95 -0.01	24.11 2.03 -0.01	25.71 2.20 -0.10	30.83 2.51 -1.03	30.79 2.29 -0.88	32.58 2.25 -2.95	29.01 1.98 -1.64	24.78 1.96 -0.01	23.21 1.74 -0.01	21.07 1.30 0.00
PATROON__115KV_TB1 80586	19.47 0.51 0.00	17.63 0.45 0.00	15.00 0.41 0.00	14.96 0.41 0.00	15.09 0.40 0.00	19.07 0.50 0.00	27.27 0.67 -0.81	28.96 0.89 -1.22	29.42 0.84 -3.17	26.49 0.84 -0.22	25.13 0.76 0.00	24.05 0.70 0.00	22.77 0.62 0.00	22.55 0.64 0.00	22.30 0.61 0.00	22.71 0.64 0.00	24.27 0.75 -0.11	29.48 0.90 -1.29	29.65 0.94 -1.10	32.08 0.93 -3.77	28.37 0.89 -2.09	23.58 0.78 0.00	22.04 0.58 0.00	20.06 0.30 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	19.75 0.80 0.00	17.87 0.69 0.00	15.20 0.61 0.00	15.19 0.64 0.00	15.36 0.66 0.00	19.20 0.63 0.00	24.91 -0.98 -0.10	25.75 -1.26 -0.15	24.95 -0.86 -0.40	25.89 0.43 -0.03	25.01 0.63 0.00	24.14 0.79 0.00	22.95 0.80 0.00	22.69 0.77 0.00	22.56 0.87 0.00	23.07 0.99 0.00	24.01 0.59 -0.01	26.75 -0.71 -0.17	27.13 -0.64 -0.14	26.98 -0.85 -0.45	25.07 -0.56 -0.25	23.51 0.71 0.00	21.92 0.45 0.00	20.53 0.77 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	20.17 1.21 0.00	18.28 1.10 0.00	15.48 0.89 0.00	15.44 0.89 0.00	15.52 0.82 0.00	19.67 1.10 0.00	28.04 1.60 -0.66	29.88 2.04 -0.99	29.96 1.98 -2.56	27.70 2.09 -0.18	26.33 1.95 0.00	25.22 1.87 0.00	23.90 1.75 0.00	23.65 1.73 0.00	23.34 1.65 0.00	23.77 1.70 0.00	25.44 1.94 -0.09	30.54 2.21 -1.04	30.69 2.18 -0.88	32.54 2.16 -3.00	28.95 1.90 -1.66	24.61 1.80 0.00	22.92 1.46 0.00	20.75 0.99 0.00
PEEKSKILL____ 23653	20.00 1.04 0.00	18.11 0.93 0.00	15.35 0.76 0.00	15.30 0.74 0.00	15.42 0.72 0.00	19.54 0.97 0.00	27.75 1.34 -0.63	29.55 1.74 -0.95	29.62 1.75 -2.46	27.49 1.88 -0.17	26.11 1.73 0.00	25.03 1.68 0.00	23.76 1.62 0.00	23.52 1.60 0.00	23.26 1.56 0.00	23.66 1.59 0.00	25.25 1.76 -0.09	30.26 1.97 -1.01	30.38 1.90 -0.86	32.12 1.86 -2.87	28.63 1.65 -1.59	24.40 1.60 0.00	22.84 1.37 0.00	20.59 0.83 0.00
PGE MADISON__WINDPWR 24146	20.28 1.33 0.00	18.39 1.20 0.00	15.61 1.02 0.00	15.54 0.99 0.00	15.77 1.07 0.00	19.96 1.39 0.00	27.84 1.86 -0.20	29.20 2.04 -0.31	28.06 1.85 -0.79	27.39 1.91 -0.06	26.18 1.80 0.00	24.98 1.63 0.00	23.70 1.55 0.00	23.34 1.42 0.00	23.15 1.45 0.00	23.64 1.57 0.00	24.98 1.54 -0.02	29.62 2.05 -0.28	30.12 2.27 -0.24	30.69 2.52 -0.80	28.01 2.18 -0.44	24.79 1.98 0.00	23.23 1.76 0.00	21.46 1.70 0.00
PIERCEFIELD__HYD 23852	18.73 -0.23 0.00	17.05 -0.14 0.00	14.51 -0.07 0.00	14.50 -0.06 0.00	14.64 -0.06 0.00	18.52 -0.06 0.00	25.71 -0.08 0.00	26.85 0.00 0.00	25.44 0.03 0.00	25.43 0.00 0.00	24.42 0.05 0.00	23.30 -0.05 0.00	22.06 -0.09 0.00	21.79 -0.13 0.00	21.45 -0.24 0.00	21.85 -0.22 0.00	23.03 -0.37 0.00	26.85 -0.44 0.00	27.26 -0.36 0.00	27.11 -0.27 0.00	25.10 -0.28 0.00	22.76 -0.05 0.00	21.59 0.13 0.00	19.86 0.10 0.00
PINELAWN_CC_1 323563	21.51 1.74 -0.82	19.60 1.56 -0.85	17.10 1.30 -1.22	16.04 1.28 -0.21	16.20 1.28 -0.22	20.28 1.54 -0.17	29.08 2.24 -1.05	30.38 2.55 -0.97	30.56 2.62 -2.53	28.46 2.85 -0.18	28.26 2.73 -1.15	26.54 2.66 -0.53	24.73 2.52 -0.06	24.52 2.56 -0.03	25.08 2.49 -0.89	25.75 2.54 -1.14	27.73 2.76 -1.56	32.69 3.11 -2.29	33.63 3.04 -2.97	34.62 2.96 -4.29	31.78 2.77 -3.63	27.47 2.55 -2.11	24.14 2.34 -0.33	22.05 1.56 -0.73
PJM_GEN_HTP_PROXY 323702	20.15 1.19 0.00	18.25 1.07 0.00	15.45 0.86 0.00	15.40 0.84 0.00	15.52 0.82 0.00	19.67 1.10 0.00	27.97 1.55 -0.64	29.84 2.01 -0.97	29.97 2.03 -2.52	27.82 2.21 -0.18	26.40 2.02 0.00	25.33 1.98 0.00	24.05 1.91 0.00	23.82 1.91 0.00	23.54 1.84 0.00	23.97 1.90 0.00	25.58 2.08 -0.09	30.56 2.24 -1.03	30.60 2.10 -0.88	32.38 2.05 -2.95	28.85 1.83 -1.64	24.63 1.83 0.00	23.08 1.61 0.00	20.75 0.99 0.00
PJM_GEN_KEystone 24065	19.56 0.61 0.00	17.72 0.53 0.00	15.01 0.42 0.00	14.99 0.44 0.00	15.12 0.43 0.00	19.04 0.46 0.00	26.24 0.10 -0.36	27.58 0.19 -0.54	27.16 0.36 -1.39	26.27 0.74 -0.10	25.13 0.76 0.00	24.17 0.82 0.00	22.99 0.84 0.00	22.73 0.81 0.00	22.54 0.85 0.00	22.98 0.91 0.00	23.95 0.49 -0.05	28.37 0.52 -0.57	28.60 0.50 -0.48	29.63 0.52 -1.73	26.90 0.56 -0.96	23.61 0.80 0.00	22.15 0.69 0.00	20.24 0.47 0.00
PJM_GEN_NEPTUNE_PROXY 323594	20.42 1.48 0.01	18.51 1.34 0.01	15.68 1.11 0.02	15.64 1.09 0.01	15.76 1.07 0.01	19.84 1.28 0.01	28.33 1.91 -0.63	29.92 2.10 -0.97	30.12 2.19 -2.52	28.03 2.42 -0.18	26.67 2.29 0.00	25.57 2.22 0.00	24.28 2.13 -0.01	24.05 2.13 -0.01	23.76 2.06 0.00	24.23 2.10 -0.05	25.81 2.32 -0.09	30.90 2.59 -1.02	31.00 2.51 -0.87	32.78 2.47 -2.94	29.27 2.26 -1.63	24.92 2.12 0.01	23.40 1.93 -0.01	21.05 1.30 0.01
PJM_GEN_VFT_PROXY 323633	20.05 1.10 0.00	18.18 1.00 0.00	15.39 0.80 0.00	15.35 0.80 0.00	15.48 0.78 0.00	19.61 1.04 0.00	27.82 1.39 -0.64	29.68 1.85 -0.97	29.81 1.88 -2.52	27.67 2.06 -0.18	26.28 1.90 0.00	25.24 1.89 0.00	23.97 1.82 0.00	23.76 1.84 0.00	23.45 1.76 0.00	23.89 1.81 0.00	25.49 1.99 -0.09	30.37 2.05 -1.03	30.43 1.93 -0.88	32.21 1.89 -2.95	28.69 1.67 -1.64	24.54 1.73 0.00	22.99 1.52 0.00	20.67 0.91 0.00
PLATSBRG_115KV_PMLD1 355749	18.88 -0.08 0.00	17.25 0.07 0.00	14.73 0.15 0.00	14.77 0.22 0.00	14.93 0.24 0.00	18.92 0.35 0.00	26.27 0.49 0.00	27.95 1.10 0.00	26.61 1.19 0.00	26.63 1.20 0.00	25.64 1.27 0.00	24.45 1.10 0.00	23.10 0.95 0.00	22.82 0.90 0.00	22.60 0.91 0.00	23.02 0.95 0.00	24.37 0.96 0.00	28.33 1.04 0.00	28.28 0.66 0.00	27.98 0.60 0.00	25.99 0.61 0.00	23.45 0.64 0.00	22.15 0.69 0.00	20.30 0.53 0.00

PLEASANTVLY___LBMP 24000	19.94 0.99 0.00	18.06 0.88 0.00	15.30 0.71 0.00	15.27 0.71 0.00	15.39 0.69 0.00	19.48 0.91 0.00	27.73 1.26 -0.68	29.52 1.64 -1.03	29.69 1.60 -2.68	27.35 1.73 -0.19	25.96 1.58 0.00	24.87 1.52 0.00	23.61 1.46 0.00	23.39 1.47 0.00	23.10 1.41 0.00	23.53 1.46 0.00	25.14 1.64 -0.09	30.18 1.80 -1.09	30.31 1.77 -0.93	32.24 1.72 -3.13	28.67 1.55 -1.74	24.29 1.48 0.00	22.71 1.24 0.00	20.53 0.77 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	20.09 1.14 0.00	18.20 1.01 0.00	15.42 0.83 0.00	15.38 0.83 0.00	15.49 0.79 0.00	19.61 1.04 0.00	27.91 1.47 -0.66	29.75 1.91 -0.99	29.86 1.88 -2.56	27.65 2.03 -0.18	26.25 1.88 0.00	25.17 1.82 0.00	23.90 1.75 0.00	23.65 1.73 0.00	23.36 1.67 0.00	23.80 1.72 0.00	25.42 1.92 -0.09	30.43 2.10 -1.04	30.55 2.04 -0.89	32.40 2.03 -3.00	28.82 1.78 -1.66	24.52 1.71 0.00	22.90 1.44 0.00	20.69 0.93 0.00
PLSNTVLE_13_KV_13KVDSA_REV_LBMP_I 345020	20.09 1.14 0.00	18.20 1.01 0.00	15.42 0.83 0.00	15.38 0.83 0.00	15.49 0.79 0.00	19.61 1.04 0.00	27.91 1.47 -0.66	29.75 1.91 -0.99	29.86 1.88 -2.56	27.65 2.03 -0.18	26.25 1.88 0.00	25.17 1.82 0.00	23.90 1.75 0.00	23.65 1.73 0.00	23.36 1.67 0.00	23.80 1.72 0.00	25.42 1.92 -0.09	30.43 2.10 -1.04	30.55 2.04 -0.89	32.40 2.03 -3.00	28.82 1.78 -1.66	24.52 1.71 0.00	22.90 1.44 0.00	20.69 0.93 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	20.03 1.08 0.00	18.15 0.96 0.00	15.36 0.77 0.00	15.33 0.77 0.00	15.46 0.76 0.00	19.56 0.98 0.00	27.84 1.39 -0.66	29.60 1.75 -1.00	29.67 1.68 -2.58	27.39 1.78 -0.18	25.98 1.61 0.00	24.89 1.54 0.00	23.63 1.48 0.00	23.39 1.47 0.00	23.13 1.43 0.00	23.55 1.48 0.00	25.18 1.69 -0.09	30.22 1.88 -1.05	30.39 1.88 -0.89	32.27 1.86 -3.02	28.69 1.62 -1.68	24.36 1.55 0.00	22.75 1.29 0.00	20.61 0.85 0.00
POLETTI____ 23519	20.13 1.18 0.00	18.23 1.05 0.00	15.43 0.85 0.00	15.40 0.84 0.00	15.52 0.82 0.00	19.65 1.08 0.00	27.92 1.50 -0.64	29.81 1.99 -0.97	29.94 2.01 -2.52	27.80 2.19 -0.18	26.37 2.00 0.00	25.33 1.98 0.00	24.05 1.90 0.00	23.83 1.91 0.00	23.52 1.82 0.00	23.95 1.88 0.00	25.60 2.11 -0.09	30.50 2.18 -1.02	30.56 2.07 -0.87	32.35 2.03 -2.95	28.82 1.80 -1.64	24.59 1.78 0.00	23.01 1.55 0.00	20.73 0.97 0.00
POMONA___ESR 323819	19.98 1.02 0.00	18.09 0.91 0.00	15.33 0.74 0.00	15.30 0.74 0.00	15.42 0.72 0.00	19.52 0.95 0.00	27.70 1.31 -0.60	29.45 1.69 -0.91	29.47 1.70 -2.36	27.43 1.83 -0.17	26.06 1.68 0.00	24.98 1.63 0.00	23.72 1.57 0.00	23.50 1.58 0.00	23.21 1.52 0.00	23.64 1.57 0.00	25.22 1.73 -0.08	30.16 1.91 -0.96	30.29 1.85 -0.82	31.97 1.83 -2.75	28.51 1.60 -1.53	24.38 1.57 0.00	22.80 1.33 0.00	20.59 0.83 0.00
PORT_JEFF_3 23555	30.06 1.86 -9.25	28.43 1.67 -9.58	29.68 1.39 -13.70	18.36 1.38 -2.42	18.65 1.37 -2.58	22.24 1.65 -2.02	33.50 2.40 -5.32	30.59 2.77 -0.97	30.87 2.82 -2.63	28.76 3.08 -0.25	40.09 2.92 -12.79	32.02 2.85 -5.82	25.43 2.70 -0.58	24.96 2.72 -0.33	34.21 2.65 -9.87	36.88 2.71 -12.09	42.87 2.93 -16.53	45.73 3.19 -15.25	55.02 3.12 -24.28	53.29 3.04 -22.87	52.22 2.92 -23.92	49.03 2.74 -23.49	27.60 2.49 -3.65	29.69 1.70 -8.22
PORT_JEFF_4 23616	30.06 1.86 -9.25	28.43 1.67 -9.58	29.68 1.39 -13.70	18.36 1.38 -2.42	18.65 1.37 -2.58	22.24 1.65 -2.02	33.50 2.40 -5.32	30.59 2.77 -0.97	30.87 2.82 -2.63	28.76 3.08 -0.25	40.09 2.92 -12.79	32.02 2.85 -5.82	25.43 2.70 -0.58	24.96 2.72 -0.33	34.21 2.65 -9.87	36.88 2.71 -12.09	42.87 2.93 -16.53	45.73 3.19 -15.25	55.02 3.12 -24.28	53.29 3.04 -22.87	52.22 2.92 -23.92	49.03 2.74 -23.49	27.60 2.49 -3.65	29.69 1.70 -8.22
PORT_JEFF_IC 23713	31.53 1.90 -10.68	29.95 1.70 -11.07	31.83 1.41 -15.83	18.76 1.41 -2.80	19.08 1.40 -2.98	22.59 1.69 -2.33	34.28 2.45 -6.04	30.64 2.82 -0.97	30.94 2.87 -2.65	28.82 3.13 -0.26	42.15 3.00 -14.78	32.97 2.89 -6.72	25.59 2.77 -0.67	25.08 2.78 -0.38	35.80 2.71 -11.40	38.81 2.78 -13.95	45.48 3.00 -19.08	47.91 3.16 -17.46	58.62 3.09 -27.90	56.33 3.01 -25.94	55.70 2.94 -27.37	52.74 2.80 -27.13	28.23 2.55 -4.22	31.00 1.74 -9.50
PPL PILGRIM_ST_GT1 24216	22.87 1.84 -2.08	20.97 1.63 -2.15	19.03 1.36 -3.08	16.45 1.35 -0.54	16.61 1.34 -0.58	20.65 1.63 -0.45	29.85 2.37 -1.69	30.59 2.77 -0.97	30.75 2.80 -2.54	28.67 3.05 -0.19	30.19 2.92 -2.89	27.49 2.82 -1.32	24.96 2.68 -0.14	24.71 2.72 -0.08	26.57 2.65 -2.23	27.54 2.69 -2.77	30.14 2.93 -3.80	34.80 3.27 -4.23	36.95 3.17 -6.16	37.55 3.09 -7.08	35.00 2.94 -6.67	30.83 2.71 -5.30	24.78 2.49 -0.83	23.29 1.68 -1.85
PPL PILGRIM_ST_GT2 24217	22.87 1.84 -2.08	20.97 1.63 -2.15	19.03 1.36 -3.08	16.45 1.35 -0.54	16.61 1.34 -0.58	20.65 1.63 -0.45	29.85 2.37 -1.69	30.59 2.77 -0.97	30.75 2.80 -2.54	28.67 3.05 -0.19	30.19 2.92 -2.89	27.49 2.82 -1.32	24.96 2.68 -0.14	24.71 2.72 -0.08	26.57 2.65 -2.23	27.54 2.69 -2.77	30.14 2.93 -3.80	34.80 3.27 -4.23	36.95 3.17 -6.16	37.55 3.09 -7.08	35.00 2.94 -6.67	30.83 2.71 -5.30	24.78 2.49 -0.83	23.29 1.68 -1.85
PPL_SHRM_GT3 24213	30.39 1.99 -9.44	28.76 1.79 -9.78	30.07 1.49 -14.00	18.51 1.49 -2.47	18.80 1.47 -2.64	22.42 1.78 -2.06	33.78 2.58 -5.41	30.86 3.03 -0.97	31.12 3.07 -2.64	29.01 3.33 -0.25	40.63 3.19 -13.06	32.37 3.08 -5.94	25.60 2.86 -0.59	25.12 2.87 -0.33	34.57 2.80 -10.08	37.24 2.83 -12.34	43.47 3.18 -16.88	46.39 3.55 -15.55	55.84 3.45 -24.77	54.03 3.37 -23.29	52.95 3.17 -24.39	49.76 2.96 -23.99	27.88 2.68 -3.73	29.98 1.82 -8.40
PPL_SHRM_GT4 24214	30.39 1.99 -9.44	28.76 1.79 -9.78	30.07 1.49 -14.00	18.51 1.49 -2.47	18.80 1.47 -2.64	22.42 1.78 -2.06	33.78 2.58 -5.41	30.86 3.03 -0.97	31.12 3.07 -2.64	29.01 3.33 -0.25	40.63 3.19 -13.06	32.37 3.08 -5.94	25.60 2.86 -0.59	25.12 2.87 -0.33	34.57 2.80 -10.08	37.24 2.83 -12.34	43.47 3.18 -16.88	46.39 3.55 -15.55	55.84 3.45 -24.77	54.03 3.37 -23.29	52.95 3.17 -24.39	49.76 2.96 -23.99	27.88 2.68 -3.73	29.98 1.82 -8.40
PROJECT___ORANGE 1 24174	19.01 0.06 0.00	17.22 0.03 0.00	14.62 0.03 0.00	14.57 0.01 0.00	14.73 0.03 0.00	18.59 0.02 0.00	25.87 0.03 -0.06	26.72 -0.21 -0.09	25.38 -0.25 -0.22	25.17 -0.28 -0.02	24.16 -0.22 0.00	23.21 -0.14 0.00	22.04 -0.11 0.00	21.81 -0.11 0.00	21.61 -0.09 0.00	21.96 -0.11 0.00	23.21 -0.21 -0.01	27.16 -0.22 -0.09	27.45 -0.25 -0.08	27.39 -0.25 -0.25	25.30 -0.23 -0.14	22.60 -0.21 0.00	21.27 -0.19 0.00	19.76 0.00 0.00
PROJECT___ORANGE 2 24166	19.01 0.06 0.00	17.22 0.03 0.00	14.62 0.03 0.00	14.57 0.01 0.00	14.73 0.03 0.00	18.59 0.02 0.00	25.87 0.03 -0.06	26.72 -0.21 -0.09	25.38 -0.25 -0.22	25.17 -0.28 -0.02	24.16 -0.22 0.00	23.21 -0.14 0.00	22.04 -0.11 0.00	21.81 -0.11 0.00	21.61 -0.09 0.00	21.96 -0.11 0.00	23.21 -0.21 -0.01	27.16 -0.22 -0.09	27.45 -0.25 -0.08	27.39 -0.25 -0.25	25.30 -0.23 -0.14	22.60 -0.21 0.00	21.27 -0.19 0.00	19.76 0.00 0.00

PUCKETT___SOLAR 323809	19.63 0.68 0.00	17.79 0.60 0.00	15.10 0.51 0.00	15.05 0.50 0.00	15.21 0.51 0.00	19.22 0.65 0.00	26.69 0.70 -0.21	27.87 0.70 -0.32	26.90 0.66 -0.82	26.28 0.79 -0.06	25.13 0.76 0.00	24.05 0.70 0.00	22.84 0.69 0.00	22.55 0.64 0.00	22.37 0.67 0.00	22.80 0.73 0.00	24.00 0.56 -0.03	28.36 0.76 -0.30	28.68 0.80 -0.26	29.12 0.88 -0.87	26.65 0.79 -0.48	23.65 0.84 0.00	22.24 0.77 0.00	20.45 0.69 0.00
PYRITES___HYD 24023	18.86 -0.09 0.00	17.18 0.00 0.00	14.63 0.04 0.00	14.61 0.06 0.00	14.77 0.07 0.00	18.70 0.13 0.00	25.96 0.18 0.00	27.12 0.27 0.00	25.67 0.25 0.00	25.66 0.23 0.00	24.64 0.27 0.00	23.49 0.14 0.00	22.24 0.09 0.00	21.94 0.02 0.00	21.65 -0.04 0.00	22.03 -0.04 0.00	23.29 -0.12 0.00	27.15 -0.14 0.00	27.59 -0.03 0.00	27.49 0.11 0.00	25.46 0.08 0.00	23.04 0.23 0.00	21.79 0.32 0.00	20.08 0.32 0.00
QUAKERRD_115KV_BK1 80622	18.59 -0.36 0.00	16.82 -0.36 0.00	14.30 -0.29 0.00	14.26 -0.29 0.00	14.42 -0.28 0.00	18.13 -0.45 0.00	25.26 -0.59 -0.07	26.18 -0.78 -0.11	25.08 -0.61 -0.28	24.59 -0.86 -0.02	23.67 -0.71 0.00	22.72 -0.63 0.00	21.55 -0.60 0.00	21.35 -0.57 0.00	21.19 -0.50 0.00	21.59 -0.49 0.00	22.67 -0.75 -0.01	26.86 -0.55 -0.12	27.19 -0.52 -0.10	27.09 -0.60 -0.31	25.10 -0.46 -0.17	22.12 -0.68 0.00	20.78 -0.69 0.00	19.35 -0.42 0.00
QUENSBRY_115KV_TB8 356137	20.41 1.46 0.00	18.46 1.27 0.00	15.62 1.04 0.00	15.60 1.05 0.00	15.74 1.04 0.00	20.00 1.43 0.00	28.70 2.09 -0.83	30.49 2.39 -1.25	30.91 2.26 -3.23	27.80 2.14 -0.23	26.37 2.00 0.00	25.26 1.91 0.00	23.83 1.68 0.00	23.61 1.69 0.00	23.32 1.63 0.00	23.58 1.50 0.00	25.23 1.71 -0.11	30.65 2.05 -1.31	30.81 2.07 -1.12	33.28 2.03 -3.88	29.72 2.18 -2.15	24.68 1.87 0.00	23.16 1.70 0.00	20.99 1.23 0.00
RAMAPO___LBMP 323565	19.90 0.95 0.00	18.03 0.84 0.00	15.29 0.70 0.00	15.24 0.68 0.00	15.37 0.68 0.00	19.44 0.87 0.00	27.59 1.21 -0.60	29.37 1.61 -0.90	29.36 1.60 -2.34	27.33 1.73 -0.17	25.96 1.58 0.00	24.89 1.54 0.00	23.63 1.48 0.00	23.41 1.49 0.00	23.13 1.43 0.00	23.55 1.48 0.00	25.15 1.66 -0.08	30.04 1.80 -0.95	30.14 1.71 -0.81	31.81 1.70 -2.73	28.40 1.50 -1.52	24.27 1.46 0.00	22.67 1.20 0.00	20.51 0.75 0.00
RANKINE____ 23646	19.52 0.57 0.00	17.68 0.50 0.00	15.04 0.45 0.00	15.03 0.48 0.00	15.18 0.49 0.00	18.98 0.41 0.00	25.29 -0.59 -0.10	26.07 -0.94 -0.15	25.30 -0.51 -0.39	25.56 0.10 -0.03	24.67 0.29 0.00	23.82 0.47 0.00	22.64 0.49 0.00	22.38 0.46 0.00	22.26 0.56 0.00	22.74 0.66 0.00	23.63 0.21 -0.01	27.04 -0.41 -0.16	27.46 -0.30 -0.14	27.28 -0.55 -0.44	25.40 -0.23 -0.25	23.17 0.36 0.00	21.61 0.15 0.00	20.32 0.55 0.00
RAVENSWOOD_GT2_1 24244	20.15 1.19 0.00	18.25 1.07 0.00	15.45 0.86 0.00	15.41 0.86 0.00	15.53 0.84 0.00	19.67 1.10 0.00	27.97 1.55 -0.64	29.84 2.01 -0.97	29.97 2.03 -2.52	27.82 2.21 -0.18	26.40 2.02 0.00	25.33 1.98 0.00	24.08 1.93 0.00	23.83 1.91 0.00	23.54 1.84 0.00	23.95 1.88 0.00	25.60 2.11 -0.09	30.55 2.24 -1.02	30.62 2.13 -0.87	32.41 2.08 -2.95	28.87 1.85 -1.64	24.63 1.82 0.00	23.03 1.57 0.00	20.75 0.99 0.00
RAVENSWOOD_GT2_2 24245	20.15 1.19 0.00	18.25 1.07 0.00	15.45 0.86 0.00	15.41 0.86 0.00	15.53 0.84 0.00	19.67 1.10 0.00	27.97 1.55 -0.64	29.84 2.01 -0.97	29.97 2.03 -2.52	27.82 2.21 -0.18	26.40 2.02 0.00	25.33 1.98 0.00	24.08 1.93 0.00	23.83 1.91 0.00	23.54 1.84 0.00	23.95 1.88 0.00	25.60 2.11 -0.09	30.55 2.24 -1.02	30.62 2.13 -0.87	32.41 2.08 -2.95	28.87 1.85 -1.64	24.63 1.82 0.00	23.03 1.57 0.00	20.75 0.99 0.00
RAVENSWOOD_GT2_3 24246	20.15 1.19 0.00	18.27 1.08 0.00	15.46 0.88 0.00	15.41 0.86 0.00	15.53 0.84 0.00	19.67 1.10 0.00	27.97 1.55 -0.64	29.84 2.01 -0.97	29.97 2.03 -2.52	27.82 2.21 -0.18	26.42 2.05 0.00	25.36 2.01 0.00	24.08 1.93 0.00	23.85 1.93 0.00	23.54 1.84 0.00	23.97 1.90 0.00	25.63 2.13 -0.09	30.55 2.24 -1.02	30.62 2.13 -0.87	32.41 2.08 -2.95	28.87 1.85 -1.64	24.63 1.82 0.00	23.03 1.57 0.00	20.77 1.01 0.00
RAVENSWOOD_GT2_4 24247	20.15 1.19 0.00	18.27 1.08 0.00	15.46 0.88 0.00	15.41 0.86 0.00	15.53 0.84 0.00	19.67 1.10 0.00	27.97 1.55 -0.64	29.84 2.01 -0.97	29.97 2.03 -2.52	27.82 2.21 -0.18	26.42 2.05 0.00	25.36 2.01 0.00	24.08 1.93 0.00	23.85 1.93 0.00	23.54 1.84 0.00	23.97 1.90 0.00	25.63 2.13 -0.09	30.55 2.24 -1.02	30.62 2.13 -0.87	32.41 2.08 -2.95	28.87 1.85 -1.64	24.63 1.82 0.00	23.03 1.57 0.00	20.77 1.01 0.00
RAVENSWOOD_GT3_1 24248	20.15 1.19 0.00	18.25 1.07 0.00	15.46 0.88 0.00	15.41 0.86 0.00	15.53 0.84 0.00	19.67 1.10 0.00	27.97 1.55 -0.64	29.84 2.01 -0.97	29.97 2.03 -2.52	27.82 2.21 -0.18	26.40 2.02 0.00	25.33 1.98 0.00	24.08 1.93 0.00	23.83 1.91 0.00	23.54 1.84 0.00	23.95 1.88 0.00	25.60 2.11 -0.09	30.55 2.24 -1.02	30.62 2.13 -0.87	32.41 2.08 -2.95	28.87 1.85 -1.64	24.63 1.82 0.00	23.03 1.57 0.00	20.75 0.99 0.00
RAVENSWOOD_GT3_2 24249	20.15 1.19 0.00	18.25 1.07 0.00	15.46 0.88 0.00	15.41 0.86 0.00	15.53 0.84 0.00	19.67 1.10 0.00	27.97 1.55 -0.64	29.84 2.01 -0.97	29.97 2.03 -2.52	27.82 2.21 -0.18	26.40 2.02 0.00	25.33 1.98 0.00	24.08 1.93 0.00	23.83 1.91 0.00	23.54 1.84 0.00	23.95 1.88 0.00	25.60 2.11 -0.09	30.55 2.24 -1.02	30.62 2.13 -0.87	32.41 2.08 -2.95	28.87 1.85 -1.64	24.63 1.82 0.00	23.03 1.57 0.00	20.75 0.99 0.00
RAVENSWOOD_GT3_3 24250	20.17 1.21 0.00	18.27 1.08 0.00	15.48 0.89 0.00	15.43 0.87 0.00	15.55 0.85 0.00	19.69 1.11 0.00	28.00 1.57 -0.64	29.87 2.04 -0.97	29.99 2.06 -2.52	27.85 2.24 -0.18	26.45 2.07 0.00	25.38 2.03 0.00	24.10 1.95 0.00	23.87 1.95 0.00	23.56 1.87 0.00	24.00 1.92 0.00	25.65 2.15 -0.09	30.58 2.27 -1.02	30.64 2.15 -0.87	32.43 2.11 -2.95	28.90 1.88 -1.64	24.66 1.85 0.00	23.05 1.59 0.00	20.79 1.03 0.00
RAVENSWOOD_GT3_4 24251	20.17 1.21 0.00	18.27 1.08 0.00	15.48 0.89 0.00	15.43 0.87 0.00	15.55 0.85 0.00	19.69 1.11 0.00	28.00 1.57 -0.64	29.87 2.04 -0.97	29.99 2.06 -2.52	27.85 2.24 -0.18	26.45 2.07 0.00	25.38 2.03 0.00	24.10 1.95 0.00	23.87 1.95 0.00	23.56 1.87 0.00	24.00 1.92 0.00	25.65 2.15 -0.09	30.58 2.27 -1.02	30.64 2.15 -0.87	32.43 2.11 -2.95	28.90 1.88 -1.64	24.66 1.85 0.00	23.05 1.59 0.00	20.79 1.03 0.00
RAVENSWOOD_GT_1 23729	20.25 1.29 -0.01	18.34 1.15 -0.01	15.53 0.93 -0.01	15.49 0.93 -0.01	15.62 0.91 -0.01	19.78 1.21 -0.01	28.09 1.65 -0.65	29.98 2.15 -0.98	30.10 2.16 -2.53	29.96 2.34 -2.19	28.10 2.15 -1.58	28.78 2.10 -3.32	28.60 2.02 -4.44	28.57 2.02 -4.64	26.91 1.95 -3.26	26.97 2.01 -2.88	28.83 2.20 -3.22	34.77 2.37 -5.11	30.77 2.27 -0.88	32.55 2.22 -2.95	28.98 1.95 -1.64	24.78 1.96 -0.01	23.19 1.72 -0.01	20.86 1.09 -0.01

RAVENSWOOD_GT_10 24258	20.15 1.19 0.00	18.25 1.07 0.00	15.45 0.86 0.00	15.41 0.86 0.00	15.53 0.84 0.00	19.67 1.10 0.00	27.97 1.55 -0.64	29.84 2.01 -0.97	29.97 2.03 -2.52	28.05 2.21 -0.41	26.58 2.02 -0.18	25.72 1.98 -0.38	24.57 1.90 -0.51	24.36 1.91 -0.53	23.89 1.82 -0.38	24.28 1.88 -0.33	25.96 2.11 -0.45	30.99 2.21 -1.49	30.62 2.13 -0.87	32.41 2.08 -2.95	28.87 1.85 -1.64	24.61 1.80 0.00	23.01 1.55 0.00	20.75 0.99 0.00
RAVENSWOOD_GT_11 24259	20.15 1.19 0.00	18.25 1.07 0.00	15.45 0.86 0.00	15.41 0.86 0.00	15.53 0.84 0.00	19.69 1.11 0.00	27.97 1.55 -0.64	29.84 2.01 -0.97	29.97 2.03 -2.52	28.05 2.21 -0.41	26.58 2.02 -0.18	25.72 1.98 -0.38	24.57 1.91 -0.51	24.36 1.91 -0.53	23.89 1.82 -0.38	24.28 1.88 -0.33	25.94 2.08 -0.45	31.03 2.24 -1.50	30.63 2.13 -0.88	32.41 2.08 -2.95	28.87 1.85 -1.64	24.63 1.83 0.00	23.08 1.61 0.00	20.75 0.99 0.00
RAVENSWOOD_GT_4 24252	20.13 1.18 0.00	18.23 1.05 0.00	15.45 0.86 0.00	15.40 0.84 0.00	15.52 0.82 0.00	19.65 1.08 0.00	27.95 1.52 -0.64	29.82 1.99 -0.98	29.95 2.01 -2.52	29.33 2.19 -1.71	27.58 2.00 -1.20	27.84 1.96 -2.53	27.43 1.90 -3.38	27.33 1.88 -3.53	26.00 1.82 -2.48	26.15 1.88 -2.20	27.99 2.11 -2.47	33.63 2.21 -4.13	30.59 2.10 -0.87	32.38 2.05 -2.95	28.85 1.83 -1.64	24.61 1.80 -0.01	23.02 1.55 -0.01	20.73 0.97 0.00
RAVENSWOOD_GT_5 24254	20.13 1.18 0.00	18.23 1.05 0.00	15.45 0.86 0.00	15.40 0.84 0.00	15.52 0.82 0.00	19.65 1.08 0.00	27.95 1.52 -0.64	29.82 1.99 -0.98	29.95 2.01 -2.52	29.33 2.19 -1.71	27.58 2.00 -1.20	27.84 1.96 -2.53	27.43 1.90 -3.38	27.33 1.88 -3.53	26.00 1.82 -2.48	26.15 1.88 -2.20	27.99 2.11 -2.47	33.63 2.21 -4.13	30.59 2.10 -0.87	32.38 2.05 -2.95	28.85 1.83 -1.64	24.61 1.80 -0.01	23.02 1.55 -0.01	20.73 0.97 0.00
RAVENSWOOD_GT_6 24253	20.13 1.18 0.00	18.23 1.05 0.00	15.45 0.86 0.00	15.40 0.84 0.00	15.52 0.82 0.00	19.65 1.08 0.00	27.95 1.52 -0.64	29.82 1.99 -0.98	29.95 2.01 -2.52	29.33 2.19 -1.71	27.58 2.00 -1.20	27.84 1.96 -2.53	27.43 1.90 -3.38	27.33 1.88 -3.53	26.00 1.82 -2.48	26.15 1.88 -2.20	27.99 2.11 -2.47	33.63 2.21 -4.13	30.59 2.10 -0.87	32.38 2.05 -2.95	28.85 1.83 -1.64	24.61 1.80 -0.01	23.02 1.55 -0.01	20.73 0.97 0.00
RAVENSWOOD_GT_7 24255	20.13 1.18 0.00	18.23 1.05 0.00	15.45 0.86 0.00	15.40 0.84 0.00	15.52 0.82 0.00	19.65 1.08 0.00	27.95 1.52 -0.64	29.82 1.99 -0.98	29.95 2.01 -2.52	29.33 2.19 -1.71	27.58 2.00 -1.20	27.84 1.96 -2.53	27.43 1.90 -3.38	27.33 1.88 -3.53	26.00 1.82 -2.48	26.15 1.88 -2.20	27.99 2.11 -2.47	33.63 2.21 -4.13	30.59 2.10 -0.87	32.38 2.05 -2.95	28.85 1.83 -1.64	24.61 1.80 -0.01	23.02 1.55 -0.01	20.73 0.97 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	20.15 1.19 0.00	18.25 1.07 0.00	15.45 0.86 0.00	15.41 0.86 0.00	15.53 0.84 0.00	19.67 1.10 0.00	27.97 1.55 -0.64	29.84 2.01 -0.97	29.97 2.03 -2.52	28.05 2.21 -0.41	26.58 2.02 -0.18	25.72 1.98 -0.38	24.57 1.90 -0.51	24.36 1.91 -0.53	23.89 1.82 -0.38	24.28 1.88 -0.33	25.96 2.11 -0.45	30.99 2.21 -1.49	30.62 2.13 -0.87	32.41 2.08 -2.95	28.87 1.85 -1.64	24.61 1.80 0.00	23.01 1.55 0.00	20.75 0.99 0.00
RAVENSWOOD_GT_9 24257	20.15 1.19 0.00	18.25 1.07 0.00	15.45 0.86 0.00	15.41 0.86 0.00	15.53 0.84 0.00	19.67 1.10 0.00	27.97 1.55 -0.64	29.84 2.01 -0.97	29.97 2.03 -2.52	28.05 2.21 -0.41	26.58 2.02 -0.18	25.72 1.98 -0.38	24.57 1.90 -0.51	24.36 1.91 -0.53	23.89 1.82 -0.38	24.28 1.88 -0.33	25.96 2.11 -0.45	30.99 2.21 -1.49	30.62 2.13 -0.87	32.41 2.08 -2.95	28.87 1.85 -1.64	24.61 1.80 0.00	23.01 1.55 0.00	20.75 0.99 0.00
RAVENSWOOD___1 23533	20.25 1.29 -0.01	18.34 1.15 -0.01	15.53 0.93 -0.01	15.49 0.93 -0.01	15.60 0.90 -0.01	19.77 1.19 -0.01	28.09 1.65 -0.65	29.95 2.12 -0.98	30.08 2.14 -2.53	30.27 2.34 -2.50	28.35 2.15 -1.83	29.30 2.10 -3.84	29.29 2.02 -5.13	29.29 2.02 -5.36	27.40 1.93 -3.77	27.40 1.99 -3.33	29.30 2.18 -3.71	35.38 2.35 -5.75	30.77 2.27 -0.88	32.52 2.19 -2.95	28.98 1.95 -1.64	24.75 1.94 -0.01	23.19 1.72 -0.01	20.86 1.09 -0.01
RAVENSWOOD___2 23534	20.21 1.25 -0.01	18.31 1.12 -0.01	15.50 0.90 -0.01	15.46 0.90 -0.01	15.57 0.87 -0.01	19.73 1.15 -0.01	28.04 1.60 -0.65	29.90 2.07 -0.98	30.03 2.08 -2.53	30.20 2.26 -2.51	28.28 2.07 -1.83	29.26 2.06 -3.86	29.27 1.97 -5.15	29.27 1.97 -5.38	27.37 1.89 -3.79	27.36 1.94 -3.35	29.26 2.13 -3.72	35.35 2.29 -5.77	30.69 2.18 -0.88	32.47 2.14 -2.95	28.93 1.90 -1.64	24.71 1.89 -0.01	23.13 1.65 -0.01	20.82 1.05 -0.01
RAVENSWOOD___3 23535	20.15 1.19 0.00	18.25 1.07 0.00	15.46 0.88 0.00	15.41 0.86 0.00	15.53 0.84 0.00	19.69 1.11 0.00	27.97 1.55 -0.64	29.84 2.01 -0.97	29.97 2.03 -2.52	27.82 2.21 -0.18	26.40 2.02 0.00	25.33 1.98 0.00	24.05 1.91 0.00	23.82 1.91 0.00	23.54 1.84 0.00	23.97 1.90 0.00	25.58 2.08 -0.09	30.56 2.24 -1.03	30.62 2.13 -0.88	32.41 2.08 -2.95	28.87 1.85 -1.64	24.65 1.85 0.00	23.08 1.61 0.00	20.77 1.01 0.00
RAVENSWOOD___4 23820	20.25 1.29 -0.01	18.34 1.15 -0.01	15.53 0.93 -0.01	15.48 0.92 -0.01	15.60 0.90 -0.01	19.77 1.19 -0.01	28.09 1.65 -0.65	29.95 2.12 -0.98	30.08 2.14 -2.53	30.57 2.31 -2.82	28.57 2.12 -2.08	29.80 2.08 -4.37	29.98 1.99 -5.83	30.01 1.99 -6.09	27.91 1.93 -4.29	27.85 1.99 -3.79	29.79 2.18 -4.20	36.03 2.35 -6.39	30.74 2.24 -0.89	32.53 2.19 -2.95	28.98 1.95 -1.64	24.75 1.94 -0.01	23.17 1.70 -0.01	20.86 1.09 -0.01
RCPL_TRUST___DRP 24196	20.17 1.21 0.00	18.27 1.08 0.00	15.46 0.88 0.00	15.43 0.87 0.00	15.55 0.85 0.00	19.67 1.10 0.00	28.00 1.57 -0.64	29.87 2.04 -0.97	30.02 2.08 -2.52	27.87 2.26 -0.18	26.45 2.07 0.00	25.40 2.05 0.00	24.12 1.97 0.00	23.89 1.97 0.00	23.58 1.89 0.00	24.02 1.94 0.00	25.67 2.18 -0.09	30.61 2.29 -1.02	30.64 2.15 -0.87	32.43 2.11 -2.95	28.87 1.85 -1.64	24.63 1.82 0.00	23.05 1.59 0.00	20.77 1.01 0.00
RED___ROCHESTER 323720	19.22 0.27 0.00	17.39 0.21 0.00	14.78 0.19 0.00	14.74 0.19 0.00	14.90 0.21 0.00	18.68 0.11 0.00	26.01 0.16 -0.07	26.99 0.03 -0.11	25.93 0.23 -0.29	25.43 -0.03 -0.02	24.47 0.10 0.00	23.51 0.16 0.00	22.35 0.20 0.00	22.09 0.17 0.00	21.95 0.26 0.00	22.38 0.31 0.00	23.70 0.28 -0.01	27.84 0.44 -0.11	28.19 0.47 -0.10	28.06 0.36 -0.32	26.02 0.46 -0.18	22.88 0.07 0.00	21.59 0.13 0.00	19.98 0.22 0.00
REGAN___SOLAR 323812	21.17 2.22 0.00	19.13 1.94 0.00	16.19 1.60 0.00	16.20 1.64 0.00	16.36 1.66 0.00	20.84 2.26 0.00	30.02 3.40 -0.83	31.38 3.27 -1.26	31.69 3.02 -3.26	28.28 2.62 -0.23	26.77 2.39 0.00	25.54 2.19 0.00	24.05 1.91 0.00	23.82 1.91 0.00	23.52 1.82 0.00	24.02 1.94 0.00	25.46 1.92 -0.13	31.34 2.51 -1.55	31.64 2.71 -1.31	34.50 2.71 -4.41	30.45 2.62 -2.45	25.11 2.30 0.00	23.53 2.06 0.00	21.48 1.72 0.00

RENSSELAER___COGEN 23796	19.39 0.44 0.00	17.56 0.38 0.00	14.94 0.35 0.00	14.90 0.35 0.00	15.04 0.34 0.00	19.00 0.43 0.00	27.13 0.54 -0.80	28.82 0.75 -1.21	29.27 0.71 -3.15	26.36 0.71 -0.22	25.01 0.63 0.00	23.93 0.58 0.00	22.68 0.53 0.00	22.47 0.55 0.00	22.21 0.52 0.00	22.60 0.53 0.00	24.15 0.63 -0.11	29.36 0.76 -1.31	29.53 0.80 -1.11	31.90 0.79 -3.73	28.21 0.76 -2.07	23.47 0.66 0.00	21.98 0.51 0.00	19.96 0.20 0.00
REPUBLIC_115KV_BARTNBRK 55605	20.43 1.48 0.00	18.47 1.29 0.00	15.65 1.06 0.00	15.62 1.06 0.00	15.77 1.07 0.00	20.04 1.47 0.00	28.78 2.17 -0.83	30.68 2.58 -1.25	31.09 2.44 -3.23	27.92 2.26 -0.23	26.52 2.15 0.00	25.40 2.05 0.00	23.96 1.82 0.00	23.72 1.80 0.00	23.45 1.76 0.00	23.71 1.63 0.00	25.37 1.85 -0.11	30.84 2.24 -1.31	31.00 2.26 -1.12	33.47 2.22 -3.88	29.89 2.36 -2.15	24.84 2.03 0.00	23.29 1.82 0.00	21.01 1.25 0.00
REVERE_CPPR_DRP 24186	19.52 0.57 0.00	17.70 0.52 0.00	15.04 0.45 0.00	14.98 0.42 0.00	15.17 0.47 0.00	19.18 0.61 0.00	26.67 0.85 -0.03	27.71 0.81 -0.05	26.40 0.86 -0.13	26.30 0.86 -0.01	25.20 0.83 0.00	24.05 0.70 0.00	22.81 0.66 0.00	22.53 0.61 0.00	22.30 0.61 0.00	22.69 0.62 0.00	24.09 0.68 0.00	28.18 0.85 -0.05	28.57 0.91 -0.04	28.60 1.10 -0.12	26.34 0.89 -0.07	23.61 0.80 0.00	22.13 0.67 0.00	20.55 0.79 0.00
REYNOLDS_115KV_TB3 80639	19.54 0.59 0.00	17.70 0.52 0.00	15.04 0.45 0.00	15.00 0.45 0.00	15.14 0.44 0.00	19.13 0.56 0.00	27.34 0.75 -0.81	29.03 0.97 -1.22	29.48 0.91 -3.15	26.57 0.92 -0.22	25.18 0.80 0.00	24.12 0.77 0.00	22.86 0.71 0.00	22.64 0.72 0.00	22.39 0.69 0.00	22.78 0.71 0.00	24.36 0.84 -0.11	29.55 0.98 -1.28	29.73 1.02 -1.09	32.13 1.01 -3.74	28.42 0.96 -2.07	23.65 0.84 0.00	22.11 0.64 0.00	20.12 0.36 0.00
RIVERBAY____ 323610	20.47 1.52 0.00	18.54 1.36 0.00	15.71 1.12 0.00	15.66 1.11 0.00	15.77 1.07 0.00	19.95 1.37 -0.01	28.34 1.91 -0.64	30.06 2.23 -0.98	30.13 2.19 -2.53	27.98 2.36 -0.19	26.55 2.17 -0.01	25.46 2.10 -0.01	24.22 2.06 -0.01	23.94 2.02 -0.01	23.65 1.95 -0.01	24.11 2.03 -0.01	25.71 2.20 -0.10	30.83 2.51 -1.03	30.79 2.29 -0.88	32.58 2.25 -2.95	29.01 1.98 -1.64	24.78 1.96 -0.01	23.21 1.74 -0.01	21.07 1.30 0.00
RIVERSDE_115KV_TB3 55908	19.47 0.51 0.00	17.63 0.45 0.00	15.00 0.41 0.00	14.96 0.41 0.00	15.09 0.40 0.00	19.07 0.50 0.00	27.26 0.67 -0.81	28.96 0.89 -1.22	29.41 0.84 -3.16	26.49 0.84 -0.22	25.11 0.73 0.00	24.05 0.70 0.00	22.79 0.64 0.00	22.58 0.66 0.00	22.32 0.63 0.00	22.71 0.64 0.00	24.27 0.75 -0.11	29.47 0.90 -1.28	29.65 0.94 -1.09	32.06 0.93 -3.75	28.35 0.89 -2.08	23.58 0.78 0.00	22.04 0.58 0.00	20.06 0.30 0.00
ROARING___BROOK_WT_PWR 323790	18.76 -0.19 0.00	16.96 -0.22 0.00	14.41 -0.17 0.00	14.39 -0.16 0.00	14.55 -0.15 0.00	18.40 -0.17 0.00	25.58 -0.21 0.00	26.64 -0.22 0.00	25.26 -0.15 0.00	25.35 -0.08 0.00	24.33 -0.05 0.00	23.35 0.00 0.00	22.15 0.00 0.00	21.94 0.02 0.00	21.72 0.02 0.00	22.10 0.02 0.00	23.43 0.02 0.00	27.29 0.00 0.00	27.59 -0.03 0.00	27.30 -0.08 0.00	25.26 -0.13 0.00	22.65 -0.16 0.00	21.29 -0.17 0.00	19.58 -0.18 0.00
ROCHESRG_115KV_T4 355643	19.03 0.08 0.00	17.22 0.03 0.00	14.65 0.06 0.00	14.61 0.06 0.00	14.77 0.07 0.00	18.55 -0.02 0.00	25.81 -0.05 -0.07	26.72 -0.24 -0.11	25.65 -0.05 -0.29	25.15 -0.31 -0.02	24.21 -0.17 0.00	23.26 -0.09 0.00	22.06 -0.09 0.00	21.83 -0.09 0.00	21.69 0.00 0.00	22.10 0.02 0.00	23.16 -0.26 -0.01	27.46 0.05 -0.12	27.80 0.08 -0.10	27.65 -0.05 -0.32	25.69 0.13 -0.18	22.65 -0.16 0.00	21.23 -0.24 0.00	19.80 0.04 0.00
ROCHESTER_9_IC 23652	19.12 0.17 0.00	17.32 0.14 0.00	14.72 0.13 0.00	14.68 0.13 0.00	14.84 0.15 0.00	18.65 0.07 0.00	25.94 0.08 -0.07	26.86 -0.11 -0.11	25.81 0.10 -0.29	25.30 -0.15 -0.02	24.35 -0.02 0.00	23.40 0.05 0.00	22.22 0.07 0.00	21.98 0.07 0.00	21.85 0.15 0.00	22.25 0.18 0.00	23.33 -0.09 -0.01	27.65 0.25 -0.12	28.00 0.28 -0.10	27.84 0.14 -0.32	25.84 0.28 -0.18	22.78 -0.02 0.00	21.36 -0.11 0.00	19.90 0.14 0.00
ROCKVIEW_13_KV_LD 356306	20.17 1.21 0.00	18.27 1.08 0.00	15.48 0.89 0.00	15.43 0.87 0.00	15.55 0.85 0.00	19.69 1.11 0.00	28.00 1.57 -0.64	29.84 2.01 -0.97	29.97 2.03 -2.52	27.80 2.19 -0.18	26.37 2.00 0.00	25.31 1.96 0.00	24.03 1.88 0.00	23.80 1.88 0.00	23.49 1.80 0.00	23.93 1.85 0.00	25.58 2.08 -0.09	30.58 2.27 -1.02	30.67 2.18 -0.87	32.49 2.16 -2.95	28.92 1.90 -1.63	24.63 1.82 0.00	23.03 1.57 0.00	20.77 1.01 0.00
ROME____115KV_TB2 80656	19.52 0.57 0.00	17.70 0.52 0.00	15.04 0.45 0.00	14.98 0.42 0.00	15.17 0.47 0.00	19.18 0.61 0.00	26.67 0.85 -0.03	27.71 0.81 -0.05	26.40 0.86 -0.13	26.30 0.86 -0.01	25.20 0.83 0.00	24.05 0.70 0.00	22.81 0.66 0.00	22.53 0.61 0.00	22.30 0.61 0.00	22.69 0.62 0.00	24.09 0.68 0.00	28.18 0.85 -0.05	28.57 0.91 -0.04	28.60 1.10 -0.12	26.34 0.89 -0.07	23.61 0.80 0.00	22.13 0.67 0.00	20.55 0.79 0.00
ROSETON___1 23587	19.75 0.80 0.00	17.89 0.70 0.00	15.17 0.58 0.00	15.14 0.58 0.00	15.26 0.56 0.00	19.31 0.74 0.00	27.41 1.03 -0.59	29.09 1.34 -0.89	29.05 1.32 -2.31	27.02 1.42 -0.16	25.67 1.29 0.00	24.59 1.24 0.00	23.34 1.20 0.00	23.10 1.18 0.00	22.86 1.17 0.00	23.27 1.19 0.00	24.80 1.31 -0.08	29.71 1.47 -0.95	29.86 1.44 -0.80	31.50 1.42 -2.70	28.13 1.24 -1.50	24.04 1.23 0.00	22.49 1.03 0.00	20.38 0.61 0.00
ROSETON___2 23588	19.75 0.80 0.00	17.89 0.70 0.00	15.17 0.58 0.00	15.14 0.58 0.00	15.26 0.56 0.00	19.31 0.74 0.00	27.41 1.03 -0.59	29.09 1.34 -0.89	29.05 1.32 -2.31	27.02 1.42 -0.16	25.67 1.29 0.00	24.59 1.24 0.00	23.34 1.20 0.00	23.10 1.18 0.00	22.86 1.17 0.00	23.27 1.19 0.00	24.80 1.31 -0.08	29.71 1.47 -0.95	29.86 1.44 -0.80	31.50 1.42 -2.70	28.13 1.24 -1.50	24.04 1.23 0.00	22.49 1.03 0.00	20.38 0.61 0.00
ROTTDAM_115KV_TB3 80664	19.77 0.82 0.00	17.91 0.72 0.00	15.19 0.60 0.00	15.15 0.60 0.00	15.29 0.59 0.00	19.35 0.78 0.00	27.73 1.11 -0.83	29.40 1.29 -1.26	29.92 1.25 -3.26	26.88 1.22 -0.23	25.50 1.12 0.00	24.42 1.07 0.00	23.12 0.97 0.00	22.90 0.99 0.00	22.65 0.95 0.00	23.05 0.97 0.00	24.60 1.08 -0.11	29.87 1.26 -1.32	30.04 1.30 -1.13	32.56 1.26 -3.92	28.78 1.22 -2.18	23.90 1.09 0.00	22.39 0.92 0.00	20.41 0.65 0.00
RUSSELL___1 23602	19.22 0.27 0.00	17.39 0.21 0.00	14.78 0.19 0.00	14.74 0.19 0.00	14.90 0.21 0.00	18.70 0.13 0.00	26.01 0.15 -0.07	26.99 0.03 -0.11	25.93 0.23 -0.29	25.43 -0.03 -0.02	24.47 0.10 0.00	23.51 0.16 0.00	22.33 0.18 0.00	22.09 0.18 0.00	21.95 0.26 0.00	22.38 0.31 0.00	23.44 0.02 -0.01	27.79 0.38 -0.12	28.16 0.44 -0.10	28.00 0.30 -0.32	25.99 0.43 -0.18	22.90 0.09 0.00	21.49 0.02 0.00	19.98 0.22 0.00

RUSSELL___2 23532	19.22 0.27 0.00	17.39 0.21 0.00	14.78 0.19 0.00	14.74 0.19 0.00	14.90 0.21 0.00	18.70 0.13 0.00	26.01 0.15 -0.07	26.99 0.03 -0.11	25.93 0.23 -0.29	25.43 -0.03 -0.02	24.47 0.10 0.00	23.51 0.16 0.00	22.33 0.18 0.00	22.09 0.18 0.00	21.95 0.26 0.00	22.38 0.31 0.00	23.44 0.02 -0.01	27.79 0.38 -0.12	28.16 0.44 -0.10	28.00 0.30 -0.32	25.99 0.43 -0.18	22.90 0.09 0.00	21.49 0.02 0.00	19.98 0.22 0.00
RUSSELL___3 23549	19.22 0.27 0.00	17.39 0.21 0.00	14.78 0.19 0.00	14.74 0.19 0.00	14.90 0.21 0.00	18.70 0.13 0.00	26.01 0.15 -0.07	26.99 0.03 -0.11	25.93 0.23 -0.29	25.43 -0.03 -0.02	24.47 0.10 0.00	23.51 0.16 0.00	22.33 0.18 0.00	22.09 0.18 0.00	21.95 0.26 0.00	22.38 0.31 0.00	23.44 0.02 -0.01	27.79 0.38 -0.12	28.16 0.44 -0.10	28.00 0.30 -0.32	25.99 0.43 -0.18	22.90 0.09 0.00	21.49 0.02 0.00	19.98 0.22 0.00
RUSSELL___4 23556	19.22 0.27 0.00	17.39 0.21 0.00	14.78 0.19 0.00	14.74 0.19 0.00	14.90 0.21 0.00	18.70 0.13 0.00	26.01 0.15 -0.07	26.99 0.03 -0.11	25.93 0.23 -0.29	25.43 -0.03 -0.02	24.47 0.10 0.00	23.51 0.16 0.00	22.33 0.18 0.00	22.09 0.18 0.00	21.95 0.26 0.00	22.38 0.31 0.00	23.44 0.02 -0.01	27.79 0.38 -0.12	28.16 0.44 -0.10	28.00 0.30 -0.32	25.99 0.43 -0.18	22.90 0.09 0.00	21.49 0.02 0.00	19.98 0.22 0.00
RUSSELL___STATION 23914	19.22 0.27 0.00	17.39 0.21 0.00	14.78 0.19 0.00	14.74 0.19 0.00	14.90 0.21 0.00	18.70 0.13 0.00	26.01 0.15 -0.07	26.99 0.03 -0.11	25.93 0.23 -0.29	25.43 -0.03 -0.02	24.47 0.10 0.00	23.51 0.16 0.00	22.33 0.18 0.00	22.09 0.18 0.00	21.95 0.26 0.00	22.38 0.31 0.00	23.44 0.02 -0.01	27.79 0.38 -0.12	28.16 0.44 -0.10	28.00 0.30 -0.32	25.99 0.43 -0.18	22.90 0.09 0.00	21.49 0.02 0.00	19.98 0.22 0.00
S SALMON___HYD 24043	19.24 0.28 0.00	17.44 0.26 0.00	14.81 0.22 0.00	14.76 0.20 0.00	14.93 0.23 0.00	18.87 0.30 0.00	26.32 0.49 -0.05	27.30 0.38 -0.07	25.89 0.28 -0.19	25.67 0.23 -0.01	24.64 0.27 0.00	23.61 0.26 0.00	22.39 0.24 0.00	22.14 0.22 0.00	21.91 0.22 0.00	22.32 0.24 0.00	23.51 0.09 -0.01	27.53 0.16 -0.08	27.88 0.19 -0.06	27.90 0.30 -0.22	25.73 0.23 -0.12	22.92 0.11 0.00	21.72 0.26 0.00	20.12 0.36 0.00
S.PERRY___115KV_TB1 80734	19.88 0.93 0.00	17.96 0.77 0.00	15.26 0.67 0.00	15.22 0.67 0.00	15.40 0.71 0.00	19.31 0.74 0.00	26.64 0.75 -0.11	27.66 0.64 -0.16	26.62 0.79 -0.42	26.25 0.79 -0.03	25.28 0.90 0.00	24.28 0.93 0.00	23.06 0.91 0.00	22.80 0.88 0.00	22.67 0.98 0.00	23.16 1.08 0.00	24.29 0.87 -0.01	28.52 1.06 -0.17	28.93 1.16 -0.15	28.91 1.07 -0.46	26.76 1.12 -0.26	23.81 1.00 0.00	22.28 0.82 0.00	20.71 0.95 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	19.28 0.32 0.00	17.46 0.27 0.00	14.86 0.28 0.00	14.84 0.29 0.00	14.99 0.29 0.00	18.76 0.19 0.00	25.21 -0.67 -0.10	25.95 -1.05 -0.15	25.16 -0.64 -0.38	25.13 -0.33 -0.03	24.25 -0.12 0.00	23.42 0.07 0.00	22.26 0.11 0.00	22.01 0.09 0.00	21.89 0.20 0.00	22.36 0.29 0.00	23.24 -0.19 -0.01	26.85 -0.60 -0.16	27.26 -0.50 -0.13	27.07 -0.74 -0.43	25.26 -0.36 -0.24	22.81 0.00 0.00	21.29 -0.17 0.00	20.04 0.28 0.00
SAWYER___23_KV_LOAD 55526	19.28 0.32 0.00	17.46 0.27 0.00	14.86 0.28 0.00	14.84 0.29 0.00	14.99 0.29 0.00	18.76 0.19 0.00	25.21 -0.67 -0.10	25.95 -1.05 -0.15	25.16 -0.64 -0.38	25.13 -0.33 -0.03	24.25 -0.12 0.00	23.42 0.07 0.00	22.26 0.11 0.00	22.01 0.09 0.00	21.89 0.20 0.00	22.36 0.29 0.00	23.24 -0.19 -0.01	26.85 -0.60 -0.16	27.26 -0.50 -0.13	27.07 -0.74 -0.43	25.26 -0.36 -0.24	22.81 0.00 0.00	21.29 -0.17 0.00	20.04 0.28 0.00
SELKIRK___I 23801	19.63 0.68 0.00	17.77 0.58 0.00	15.11 0.52 0.00	15.06 0.51 0.00	15.20 0.50 0.00	19.22 0.65 0.00	27.42 0.85 -0.79	29.09 1.05 -1.19	29.50 0.99 -3.09	26.62 0.97 -0.22	25.25 0.88 0.00	24.19 0.84 0.00	22.90 0.75 0.00	22.69 0.77 0.00	22.43 0.74 0.00	22.85 0.77 0.00	24.36 0.84 -0.11	29.61 1.04 -1.28	29.81 1.11 -1.09	32.13 1.10 -3.66	28.45 1.04 -2.03	23.74 0.94 0.00	22.24 0.77 0.00	20.24 0.47 0.00
SELKIRK___II 23799	19.48 0.53 0.00	17.65 0.46 0.00	15.00 0.41 0.00	14.96 0.41 0.00	15.09 0.40 0.00	19.09 0.52 0.00	27.25 0.67 -0.80	28.95 0.88 -1.21	29.39 0.84 -3.14	26.49 0.84 -0.22	25.13 0.76 0.00	24.07 0.72 0.00	22.81 0.66 0.00	22.60 0.68 0.00	22.34 0.65 0.00	22.74 0.66 0.00	24.27 0.75 -0.11	29.49 0.90 -1.30	29.63 0.91 -1.10	32.02 0.93 -3.71	28.30 0.86 -2.06	23.61 0.80 0.00	22.11 0.64 0.00	20.10 0.34 0.00
SENECA OSWGO___HYD 24041	19.33 0.38 0.00	17.51 0.33 0.00	14.85 0.26 0.00	14.82 0.26 0.00	14.98 0.28 0.00	18.91 0.33 0.00	26.38 0.54 -0.05	27.23 0.30 -0.08	25.86 0.23 -0.21	25.62 0.18 -0.02	24.64 0.27 0.00	23.63 0.28 0.00	22.44 0.29 0.00	22.18 0.26 0.00	21.97 0.28 0.00	22.34 0.27 0.00	23.49 0.07 -0.01	27.48 0.11 -0.08	27.77 0.08 -0.07	27.76 0.14 -0.24	25.62 0.10 -0.13	22.83 0.02 0.00	21.68 0.21 0.00	20.16 0.40 0.00
SENECA___115KV_TB3 355854	19.56 0.61 0.00	17.70 0.52 0.00	15.07 0.48 0.00	15.05 0.49 0.00	15.21 0.51 0.00	19.02 0.45 0.00	25.34 -0.54 -0.10	26.12 -0.89 -0.15	25.35 -0.46 -0.39	25.59 0.13 -0.03	24.72 0.34 0.00	23.86 0.51 0.00	22.68 0.53 0.00	22.42 0.50 0.00	22.30 0.61 0.00	22.78 0.71 0.00	23.68 0.26 -0.01	27.10 -0.35 -0.16	27.51 -0.25 -0.14	27.33 -0.49 -0.44	25.45 -0.18 -0.25	23.22 0.41 0.00	21.66 0.19 0.00	20.34 0.57 0.00
SENECA___ENERGY 23797	19.14 0.19 0.00	17.31 0.12 0.00	14.69 0.10 0.00	14.66 0.10 0.00	14.81 0.12 0.00	18.68 0.11 0.00	25.97 0.10 -0.08	26.92 0.00 -0.12	25.73 0.00 -0.32	25.45 0.00 -0.02	24.45 0.07 0.00	23.47 0.12 0.00	22.28 0.13 0.00	22.03 0.11 0.00	21.82 0.13 0.00	22.21 0.13 0.00	23.42 0.00 -0.01	27.49 0.08 -0.12	27.81 0.08 -0.10	27.79 0.05 -0.35	25.65 0.08 -0.20	22.81 0.00 0.00	21.51 0.04 0.00	19.90 0.14 0.00
SHOEMAKER___GT 23640	19.69 0.74 0.00	17.85 0.67 0.00	15.13 0.54 0.00	15.09 0.54 0.00	15.23 0.53 0.00	19.26 0.69 0.00	27.29 0.95 -0.55	28.95 1.26 -0.83	28.79 1.22 -2.16	26.90 1.32 -0.15	25.57 1.19 0.00	24.49 1.14 0.00	23.26 1.11 0.00	23.01 1.10 0.00	22.78 1.08 0.00	23.18 1.10 0.00	24.70 1.22 -0.08	29.54 1.36 -0.88	29.72 1.35 -0.75	31.27 1.37 -2.52	27.97 1.19 -1.40	23.97 1.16 0.00	22.45 0.99 0.00	20.34 0.57 0.00
SHOEMAKR_138KV_BK 111 55601	19.69 0.74 0.00	17.85 0.67 0.00	15.13 0.54 0.00	15.09 0.54 0.00	15.23 0.53 0.00	19.26 0.69 0.00	27.28 0.95 -0.55	28.91 1.24 -0.83	28.77 1.22 -2.14	26.90 1.32 -0.15	25.57 1.19 0.00	24.49 1.14 0.00	23.26 1.11 0.00	23.01 1.10 0.00	22.78 1.08 0.00	23.18 1.10 0.00	24.72 1.24 -0.07	29.52 1.36 -0.87	29.71 1.35 -0.74	31.22 1.34 -2.49	27.93 1.17 -1.38	23.95 1.14 0.00	22.39 0.92 0.00	20.34 0.57 0.00

SHOREHAM_IC_1 23715	30.39 1.99 -9.44	28.76 1.79 -9.78	30.07 1.49 -14.00	18.51 1.49 -2.47	18.80 1.47 -2.64	22.42 1.78 -2.06	33.78 2.58 -5.41	30.86 3.03 -0.97	31.12 3.07 -2.64	29.01 3.33 -0.25	40.63 3.19 -13.06	32.37 3.08 -5.94	25.60 2.86 -0.59	25.12 2.87 -0.33	34.57 2.80 -10.08	37.24 2.83 -12.34	43.47 3.18 -16.88	46.39 3.55 -15.55	55.84 3.45 -24.77	54.03 3.37 -23.29	52.95 3.17 -24.39	49.76 2.96 -23.99	27.88 2.68 -3.73	29.98 1.82 -8.40
SHOREHAM_IC_2 23716	30.39 1.99 -9.44	28.76 1.79 -9.78	30.07 1.49 -14.00	18.51 1.49 -2.47	18.80 1.47 -2.64	22.42 1.78 -2.06	33.78 2.58 -5.41	30.86 3.03 -0.97	31.12 3.07 -2.64	29.01 3.33 -0.25	40.63 3.19 -13.06	32.37 3.08 -5.94	25.60 2.86 -0.59	25.12 2.87 -0.33	34.57 2.80 -10.08	37.24 2.83 -12.34	43.47 3.18 -16.88	46.39 3.55 -15.55	55.84 3.45 -24.77	54.03 3.37 -23.29	52.95 3.17 -24.39	49.76 2.96 -23.99	27.88 2.68 -3.73	29.98 1.82 -8.40
SISSONVILLE____ 23735	18.73 -0.23 0.00	17.05 -0.14 0.00	14.51 -0.07 0.00	14.50 -0.06 0.00	14.64 -0.06 0.00	18.52 -0.06 0.00	25.71 -0.08 0.00	26.85 0.00 0.00	25.44 0.03 0.00	25.43 0.00 0.00	24.42 0.05 0.00	23.30 -0.05 0.00	22.06 -0.09 0.00	21.79 -0.13 0.00	21.45 -0.24 0.00	21.85 -0.22 0.00	23.03 -0.37 0.00	26.85 -0.44 0.00	27.26 -0.36 0.00	27.11 -0.27 0.00	25.10 -0.28 0.00	22.76 -0.05 0.00	21.59 0.13 0.00	19.86 0.10 0.00
SITHE_IND_GS1 24169	18.63 -0.32 0.00	16.88 -0.31 0.00	14.33 -0.26 0.00	14.29 -0.26 0.00	14.43 -0.26 0.00	18.22 -0.35 0.00	25.33 -0.49 -0.04	26.13 -0.78 -0.06	24.78 -0.79 -0.15	24.60 -0.84 -0.01	23.62 -0.76 0.00	22.63 -0.72 0.00	21.48 -0.66 0.00	21.26 -0.66 0.00	21.06 -0.63 0.00	21.41 -0.66 0.00	22.69 -0.73 -0.01	26.53 -0.82 -0.06	26.84 -0.83 -0.05	26.73 -0.82 -0.17	24.72 -0.76 -0.10	22.08 -0.73 0.00	20.84 -0.62 0.00	19.39 -0.38 0.00
SITHE_IND_GS2 24170	18.63 -0.32 0.00	16.88 -0.31 0.00	14.33 -0.26 0.00	14.29 -0.26 0.00	14.43 -0.26 0.00	18.22 -0.35 0.00	25.33 -0.49 -0.04	26.13 -0.78 -0.06	24.78 -0.79 -0.15	24.60 -0.84 -0.01	23.62 -0.76 0.00	22.63 -0.72 0.00	21.48 -0.66 0.00	21.26 -0.66 0.00	21.06 -0.63 0.00	21.41 -0.66 0.00	22.69 -0.73 -0.01	26.53 -0.82 -0.06	26.84 -0.83 -0.05	26.73 -0.82 -0.17	24.72 -0.76 -0.10	22.08 -0.73 0.00	20.84 -0.62 0.00	19.39 -0.38 0.00
SITHE_IND_GS3 24171	18.63 -0.32 0.00	16.88 -0.31 0.00	14.33 -0.26 0.00	14.29 -0.26 0.00	14.43 -0.26 0.00	18.22 -0.35 0.00	25.33 -0.49 -0.04	26.13 -0.78 -0.06	24.78 -0.79 -0.15	24.60 -0.84 -0.01	23.62 -0.76 0.00	22.63 -0.72 0.00	21.48 -0.66 0.00	21.26 -0.66 0.00	21.06 -0.63 0.00	21.41 -0.66 0.00	22.69 -0.73 -0.01	26.53 -0.82 -0.06	26.84 -0.83 -0.05	26.73 -0.82 -0.17	24.72 -0.76 -0.10	22.08 -0.73 0.00	20.84 -0.62 0.00	19.39 -0.38 0.00
SITHE_IND_GS4 24172	18.63 -0.32 0.00	16.88 -0.31 0.00	14.33 -0.26 0.00	14.29 -0.26 0.00	14.43 -0.26 0.00	18.22 -0.35 0.00	25.33 -0.49 -0.04	26.13 -0.78 -0.06	24.78 -0.79 -0.15	24.60 -0.84 -0.01	23.62 -0.76 0.00	22.63 -0.72 0.00	21.48 -0.66 0.00	21.26 -0.66 0.00	21.06 -0.63 0.00	21.41 -0.66 0.00	22.69 -0.73 -0.01	26.53 -0.82 -0.06	26.84 -0.83 -0.05	26.73 -0.82 -0.17	24.72 -0.76 -0.10	22.08 -0.73 0.00	20.84 -0.62 0.00	19.39 -0.38 0.00
SITHE____BATAVIA 24024	19.54 0.59 0.00	17.70 0.52 0.00	15.01 0.42 0.00	14.99 0.44 0.00	15.15 0.46 0.00	18.98 0.41 0.00	25.82 -0.05 -0.09	26.69 -0.29 -0.13	25.80 0.05 -0.34	25.56 0.10 -0.02	24.67 0.29 0.00	23.72 0.37 0.00	22.55 0.40 0.00	22.29 0.37 0.00	22.19 0.50 0.00	22.65 0.57 0.00	23.54 0.12 -0.01	27.72 0.30 -0.13	28.15 0.41 -0.11	27.95 0.19 -0.38	26.02 0.43 -0.21	23.10 0.30 0.00	21.83 0.36 0.00	20.31 0.55 0.00
SITHE____INDEPEND 23800	18.63 -0.32 0.00	16.88 -0.31 0.00	14.32 -0.26 0.00	14.29 -0.26 0.00	14.43 -0.26 0.00	18.22 -0.35 0.00	25.33 -0.49 -0.04	26.13 -0.78 -0.06	24.78 -0.79 -0.15	24.60 -0.84 -0.01	23.62 -0.76 0.00	22.63 -0.72 0.00	21.48 -0.66 0.00	21.26 -0.66 0.00	21.06 -0.63 0.00	21.41 -0.66 0.00	22.67 -0.75 -0.01	26.53 -0.82 -0.06	26.85 -0.83 -0.05	26.73 -0.82 -0.17	24.72 -0.76 -0.10	22.08 -0.73 0.00	20.82 -0.64 0.00	19.39 -0.38 0.00
SITHE____MASSENA 23902	18.73 -0.23 0.00	17.05 -0.14 0.00	14.50 -0.09 0.00	14.48 -0.07 0.00	14.61 -0.09 0.00	18.44 -0.13 0.00	25.66 -0.13 0.00	26.75 -0.11 0.00	25.34 -0.08 0.00	25.33 -0.10 0.00	24.35 -0.02 0.00	23.26 -0.09 0.00	22.02 -0.13 0.00	21.77 -0.15 0.00	21.52 -0.17 0.00	21.90 -0.18 0.00	23.20 -0.21 0.00	26.99 -0.30 0.00	27.37 -0.25 0.00	27.19 -0.19 0.00	25.21 -0.18 0.00	22.74 -0.07 0.00	21.44 -0.02 0.00	19.80 0.04 0.00
SITHE____OGDNSBRG 24021	18.84 -0.11 0.00	17.17 -0.02 0.00	14.62 0.03 0.00	14.58 0.03 0.00	14.74 0.04 0.00	18.65 0.07 0.00	25.91 0.13 0.00	27.09 0.24 0.00	25.64 0.23 0.00	25.61 0.18 0.00	24.62 0.24 0.00	23.47 0.12 0.00	22.19 0.04 0.00	21.92 0.00 0.00	21.65 -0.04 0.00	22.05 -0.02 0.00	23.32 -0.09 0.00	27.21 -0.08 0.00	27.65 0.03 0.00	27.52 0.14 0.00	25.48 0.10 0.00	23.01 0.21 0.00	21.77 0.30 0.00	20.02 0.26 0.00
SITHE____STERLING 23777	19.45 0.49 0.00	17.63 0.45 0.00	14.97 0.38 0.00	14.92 0.36 0.00	15.09 0.40 0.00	19.07 0.50 0.00	26.52 0.70 -0.04	27.53 0.62 -0.06	26.30 0.74 -0.15	26.18 0.74 -0.01	25.11 0.73 0.00	23.98 0.63 0.00	22.75 0.60 0.00	22.49 0.57 0.00	22.26 0.56 0.00	22.65 0.57 0.00	23.97 0.56 0.00	28.05 0.71 -0.05	28.43 0.77 -0.04	28.42 0.90 -0.14	26.22 0.76 -0.08	23.47 0.66 0.00	22.06 0.60 0.00	20.43 0.67 0.00
SLEIGHT__34_KV_TB1 80719	19.52 0.57 0.00	17.67 0.48 0.00	15.00 0.41 0.00	14.96 0.41 0.00	15.12 0.43 0.00	19.09 0.52 0.00	26.66 0.80 -0.08	27.66 0.70 -0.11	26.39 0.69 -0.29	26.06 0.61 -0.02	25.06 0.68 0.00	24.05 0.70 0.00	22.81 0.66 0.00	22.60 0.68 0.00	22.37 0.67 0.00	22.74 0.66 0.00	23.98 0.56 -0.01	28.20 0.79 -0.12	28.50 0.77 -0.10	28.50 0.79 -0.33	26.28 0.71 -0.18	23.31 0.50 0.00	21.89 0.43 0.00	20.36 0.59 0.00
SOUTH CAIRO____GT 23612	20.00 1.04 0.00	18.08 0.89 0.00	15.37 0.79 0.00	15.34 0.79 0.00	15.49 0.79 0.00	19.57 1.00 0.00	27.85 1.31 -0.76	29.52 1.53 -1.14	29.71 1.35 -2.95	26.99 1.35 -0.21	25.52 1.15 0.00	24.35 1.00 0.00	23.01 0.86 0.00	22.80 0.88 0.00	22.58 0.89 0.00	23.00 0.93 0.00	24.52 1.01 -0.10	29.90 1.39 -1.22	30.23 1.57 -1.04	32.54 1.67 -3.49	28.79 1.47 -1.94	24.22 1.41 0.00	22.60 1.14 0.00	20.49 0.73 0.00
SOUTH HAMPTN____IC 23720	30.23 2.24 -9.04	28.56 2.01 -9.37	29.65 1.66 -13.40	18.58 1.66 -2.37	18.88 1.66 -2.52	22.55 2.01 -1.97	33.88 2.89 -5.21	31.26 3.44 -0.97	31.53 3.48 -2.63	29.47 3.79 -0.25	40.52 3.63 -12.51	32.54 3.50 -5.69	26.04 3.32 -0.57	25.57 3.33 -0.32	34.59 3.25 -9.65	37.18 3.29 -11.82	43.15 3.58 -16.16	46.21 3.98 -14.93	55.30 3.92 -23.75	53.64 3.83 -22.43	52.38 3.58 -23.42	49.10 3.33 -22.96	28.08 3.05 -3.57	29.86 2.06 -8.04

SOUTHDOW_115KV_TB1 355954	19.94 0.99 0.00	18.04 0.86 0.00	15.38 0.79 0.00	15.37 0.82 0.00	15.53 0.84 0.00	19.44 0.87 0.00	25.66 -0.23 -0.11	26.61 -0.40 -0.16	25.84 0.00 -0.42	26.43 0.97 -0.03	25.57 1.19 0.00	24.70 1.35 0.00	23.46 1.31 0.00	23.19 1.27 0.00	23.08 1.39 0.00	23.60 1.52 0.00	24.57 1.15 -0.02	27.79 0.33 -0.18	28.24 0.47 -0.15	28.08 0.22 -0.48	26.00 0.36 -0.26	24.04 1.23 0.00	22.34 0.88 0.00	20.81 1.05 0.00
SOUTHOLD_69_KV_BK 2 55809	30.56 2.56 -9.05	28.84 2.29 -9.37	29.89 1.90 -13.41	18.83 1.91 -2.37	19.12 1.90 -2.52	22.83 2.28 -1.98	34.29 3.30 -5.20	31.72 3.89 -0.97	31.96 3.91 -2.63	29.93 4.25 -0.25	41.01 4.12 -12.51	32.99 3.95 -5.69	26.45 3.74 -0.56	25.96 3.73 -0.31	35.01 3.67 -9.65	37.59 3.69 -11.83	43.63 4.05 -16.17	46.70 4.48 -14.93	55.80 4.42 -23.76	54.14 4.33 -22.43	52.83 4.01 -23.43	49.50 3.72 -22.98	28.36 3.33 -3.57	30.18 2.37 -8.05
SOUTHOLD___IC 23719	30.56 2.56 -9.05	28.84 2.29 -9.37	29.89 1.90 -13.41	18.83 1.91 -2.37	19.12 1.90 -2.53	22.85 2.30 -1.98	34.30 3.30 -5.21	31.72 3.89 -0.97	31.98 3.94 -2.63	29.93 4.25 -0.25	41.01 4.12 -12.51	32.99 3.95 -5.69	26.44 3.72 -0.57	25.96 3.73 -0.32	35.01 3.67 -9.65	37.59 3.69 -11.83	43.58 4.00 -16.17	46.71 4.48 -14.94	55.84 4.45 -23.77	54.14 4.32 -22.44	52.85 4.04 -23.43	49.52 3.74 -22.98	28.43 3.39 -3.57	30.18 2.37 -8.05
SPIERFLS_115KV_TB 1 80737	20.34 1.38 0.00	18.39 1.20 0.00	15.58 0.99 0.00	15.54 0.99 0.00	15.70 1.00 0.00	19.93 1.36 0.00	28.60 1.99 -0.83	30.36 2.26 -1.25	30.78 2.13 -3.24	27.67 2.01 -0.23	26.28 1.90 0.00	25.15 1.80 0.00	23.74 1.59 0.00	23.52 1.60 0.00	23.23 1.54 0.00	23.49 1.41 0.00	25.11 1.59 -0.11	30.51 1.91 -1.32	30.64 1.91 -1.12	33.12 1.86 -3.88	29.57 2.03 -2.15	24.56 1.76 0.00	23.07 1.61 0.00	20.93 1.17 0.00
ST LAWRENCE____ 23600	18.50 -0.46 0.00	16.81 -0.38 0.00	14.28 -0.31 0.00	14.26 -0.29 0.00	14.40 -0.29 0.00	18.20 -0.37 0.00	25.32 -0.46 0.00	26.40 -0.46 0.00	24.98 -0.43 0.00	24.97 -0.46 0.00	23.96 -0.41 0.00	22.91 -0.44 0.00	21.71 -0.44 0.00	21.48 -0.44 0.00	21.24 -0.46 0.00	21.61 -0.46 0.00	22.94 -0.47 0.00	26.71 -0.57 0.00	27.07 -0.55 0.00	26.83 -0.55 0.00	24.88 -0.51 0.00	22.40 -0.41 0.00	21.10 -0.37 0.00	19.49 -0.28 0.00
STATE_CA_115KV_115_LB 55624	19.47 0.51 0.00	17.63 0.45 0.00	15.00 0.41 0.00	14.96 0.41 0.00	15.09 0.40 0.00	19.07 0.50 0.00	27.27 0.67 -0.81	28.96 0.89 -1.22	29.45 0.86 -3.17	26.49 0.84 -0.22	25.13 0.76 0.00	24.05 0.70 0.00	22.79 0.64 0.00	22.58 0.66 0.00	22.32 0.63 0.00	22.71 0.64 0.00	24.27 0.75 -0.11	29.48 0.90 -1.29	29.66 0.94 -1.10	32.09 0.93 -3.77	28.37 0.89 -2.10	23.58 0.78 0.00	22.04 0.58 0.00	20.06 0.30 0.00
STATE_ST_34_KV_LOAD 55959	19.31 0.36 0.00	17.46 0.27 0.00	14.82 0.23 0.00	14.79 0.23 0.00	14.95 0.25 0.00	18.87 0.30 0.00	26.28 0.41 -0.08	27.46 0.48 -0.12	26.16 0.43 -0.31	25.88 0.43 -0.02	24.86 0.49 0.00	23.84 0.49 0.00	22.64 0.49 0.00	22.40 0.48 0.00	22.15 0.46 0.00	22.52 0.44 0.00	23.82 0.40 -0.01	27.91 0.49 -0.13	28.23 0.50 -0.11	28.25 0.52 -0.35	26.03 0.46 -0.19	23.20 0.39 0.00	21.81 0.34 0.00	20.10 0.34 0.00
STATION 5_MISC_HYD 23604	19.12 0.17 0.00	17.32 0.14 0.00	14.72 0.13 0.00	14.68 0.13 0.00	14.84 0.15 0.00	18.63 0.06 0.00	25.94 0.08 -0.07	26.88 -0.08 -0.11	25.81 0.10 -0.29	25.30 -0.15 -0.02	24.35 -0.02 0.00	23.40 0.05 0.00	22.22 0.07 0.00	21.98 0.07 0.00	21.85 0.15 0.00	22.25 0.18 0.00	23.58 0.17 -0.01	27.70 0.30 -0.11	28.05 0.33 -0.10	27.90 0.19 -0.32	25.89 0.33 -0.18	22.74 0.07 0.00	21.49 0.02 0.00	19.90 0.14 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	19.20 0.25 0.00	17.37 0.19 0.00	14.76 0.18 0.00	14.73 0.17 0.00	14.89 0.19 0.00	18.74 0.17 0.00	26.06 0.21 -0.07	27.02 0.05 -0.11	25.88 0.18 -0.29	25.48 0.03 -0.02	24.52 0.15 0.00	23.54 0.19 0.00	22.33 0.18 0.00	22.09 0.18 0.00	21.95 0.26 0.00	22.34 0.26 0.00	23.49 0.07 -0.01	27.74 0.33 -0.12	28.08 0.36 -0.10	28.01 0.30 -0.33	25.89 0.33 -0.18	22.90 0.09 0.00	21.51 0.04 0.00	20.00 0.24 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	18.99 0.04 0.00	17.18 0.00 0.00	14.60 0.01 0.00	14.57 0.01 0.00	14.73 0.03 0.00	18.50 -0.07 0.00	25.75 -0.10 -0.07	26.70 -0.27 -0.11	25.63 -0.08 -0.29	25.12 -0.33 -0.02	24.18 -0.20 0.00	23.23 -0.12 0.00	22.04 -0.11 0.00	21.83 -0.09 0.00	21.67 -0.02 0.00	22.10 0.02 0.00	23.16 -0.26 -0.01	27.46 0.05 -0.12	27.83 0.11 -0.10	27.70 0.00 -0.32	25.69 0.13 -0.18	22.63 -0.18 0.00	21.23 -0.24 0.00	19.76 0.00 0.00
STA_56___34_KV_BUS2 355983	18.99 0.04 0.00	17.18 0.00 0.00	14.60 0.01 0.00	14.57 0.01 0.00	14.73 0.03 0.00	18.50 -0.07 0.00	25.75 -0.10 -0.07	26.70 -0.27 -0.11	25.63 -0.08 -0.29	25.12 -0.33 -0.02	24.18 -0.20 0.00	23.23 -0.12 0.00	22.04 -0.11 0.00	21.83 -0.09 0.00	21.67 -0.02 0.00	22.10 0.02 0.00	23.16 -0.26 -0.01	27.46 0.05 -0.12	27.83 0.11 -0.10	27.70 0.00 -0.32	25.69 0.13 -0.18	22.63 -0.18 0.00	21.23 -0.24 0.00	19.76 0.00 0.00
STA_67___115KV_BK2 355882	19.09 0.13 0.00	17.29 0.10 0.00	14.69 0.10 0.00	14.66 0.10 0.00	14.81 0.12 0.00	18.61 0.04 0.00	25.88 0.03 -0.07	26.80 -0.16 -0.11	25.75 0.05 -0.29	25.25 -0.20 -0.02	24.30 -0.07 0.00	23.35 0.00 0.00	22.15 0.00 0.00	21.94 0.02 0.00	21.78 0.09 0.00	22.21 0.13 0.00	23.26 -0.16 -0.01	27.57 0.16 -0.12	27.94 0.22 -0.10	27.79 0.08 -0.32	25.79 0.23 -0.18	22.74 -0.07 0.00	21.31 -0.15 0.00	19.86 0.10 0.00
STA_7___115KV_9TRANS 80674	19.22 0.27 0.00	17.39 0.21 0.00	14.78 0.19 0.00	14.74 0.19 0.00	14.90 0.21 0.00	18.70 0.13 0.00	26.01 0.15 -0.07	26.99 0.03 -0.11	25.93 0.23 -0.29	25.43 -0.03 -0.02	24.47 0.10 0.00	23.51 0.16 0.00	22.33 0.18 0.00	22.09 0.18 0.00	21.95 0.26 0.00	22.38 0.31 0.00	23.44 0.02 -0.01	27.79 0.38 -0.12	28.16 0.44 -0.10	28.00 0.30 -0.32	25.99 0.43 -0.18	22.90 0.09 0.00	21.49 0.02 0.00	19.98 0.22 0.00
STA_82___115KV_TB1 80780	19.11 0.15 0.00	17.29 0.10 0.00	14.70 0.12 0.00	14.67 0.12 0.00	14.83 0.13 0.00	18.61 0.04 0.00	25.88 0.03 -0.07	26.83 -0.13 -0.11	25.78 0.08 -0.29	25.25 -0.20 -0.02	24.33 -0.05 0.00	23.37 0.02 0.00	22.17 0.02 0.00	21.94 0.02 0.00	21.80 0.11 0.00	22.23 0.15 0.00	23.28 -0.14 -0.01	27.60 0.19 -0.12	27.94 0.22 -0.10	27.81 0.11 -0.32	25.82 0.25 -0.18	22.74 -0.07 0.00	21.34 -0.13 0.00	19.88 0.12 0.00
STEEL___WIND 323596	19.56 0.61 0.00	17.70 0.52 0.00	15.05 0.47 0.00	15.03 0.48 0.00	15.18 0.48 0.00	19.00 0.43 0.00	25.32 -0.57 -0.10	26.09 -0.91 -0.15	25.32 -0.48 -0.39	25.56 0.10 -0.03	24.69 0.32 0.00	23.84 0.49 0.00	22.68 0.53 0.00	22.38 0.46 0.00	22.28 0.59 0.00	22.76 0.69 0.00	23.12 -0.30 -0.01	27.14 -0.30 -0.16	27.56 -0.19 -0.13	27.36 -0.47 -0.44	25.50 -0.13 -0.25	23.15 0.34 0.00	21.85 0.39 0.00	20.31 0.55 0.00

STEPHTWN_115KV_BK_2 55603	19.62 0.66 0.00	17.75 0.57 0.00	15.10 0.51 0.00	15.05 0.49 0.00	15.20 0.50 0.00	19.22 0.65 0.00	27.49 0.90 -0.80	29.17 1.10 -1.21	29.60 1.04 -3.15	26.67 1.02 -0.22	25.30 0.93 0.00	24.21 0.86 0.00	22.92 0.78 0.00	22.71 0.79 0.00	22.43 0.74 0.00	22.85 0.77 0.00	24.43 0.91 -0.11	29.69 1.12 -1.28	29.89 1.19 -1.09	32.29 1.18 -3.73	28.57 1.12 -2.07	23.77 0.96 0.00	22.22 0.75 0.00	20.22 0.45 0.00
STEUBEN_REC_LFGE 323667	19.83 0.87 0.00	17.92 0.74 0.00	15.21 0.63 0.00	15.19 0.64 0.00	15.36 0.66 0.00	19.30 0.72 0.00	26.23 0.31 -0.14	27.22 0.16 -0.20	26.32 0.38 -0.53	26.33 0.86 -0.04	25.40 1.02 0.00	24.45 1.10 0.00	23.26 1.11 0.00	22.99 1.07 0.00	22.84 1.15 0.00	23.29 1.21 0.00	24.39 0.96 -0.02	28.13 0.63 -0.22	28.44 0.64 -0.18	28.51 0.55 -0.58	26.32 0.61 -0.32	23.79 0.98 0.00	22.22 0.75 0.00	20.71 0.95 0.00
STONY__BROOK 24151	32.94 1.93 -12.05	31.38 1.72 -12.48	33.87 1.43 -17.85	19.14 1.43 -3.15	19.47 1.41 -3.37	22.91 1.71 -2.63	35.01 2.50 -6.73	30.75 2.93 -0.97	31.05 2.97 -2.67	28.93 3.23 -0.27	44.13 3.10 -16.66	33.92 2.99 -7.58	25.76 2.86 -0.76	25.21 2.87 -0.42	37.34 2.80 -12.85	40.67 2.87 -15.73	48.02 3.11 -21.50	50.20 3.36 -19.55	62.26 3.29 -31.35	59.45 3.20 -28.87	59.11 3.07 -30.66	56.29 2.90 -30.59	28.86 2.64 -4.75	32.26 1.78 -10.71
STURGEON_POOL_HYD 23609	19.92 0.97 0.00	18.04 0.86 0.00	15.27 0.69 0.00	15.24 0.68 0.00	15.37 0.68 0.00	19.43 0.85 0.00	27.51 1.08 -0.65	29.20 1.37 -0.98	29.29 1.35 -2.53	27.19 1.58 -0.18	25.81 1.44 0.00	24.73 1.38 0.00	23.48 1.33 0.00	23.23 1.32 0.00	23.00 1.30 0.00	23.40 1.32 0.00	25.02 1.52 -0.09	29.85 1.53 -1.03	30.01 1.52 -0.88	31.85 1.51 -2.97	28.27 1.24 -1.65	24.18 1.37 0.00	22.58 1.12 0.00	20.51 0.75 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	19.81 0.85 0.00	17.94 0.76 0.00	15.21 0.63 0.00	15.17 0.61 0.00	15.30 0.60 0.00	19.35 0.78 0.00	27.44 1.08 -0.57	29.11 1.40 -0.86	29.05 1.40 -2.23	27.09 1.50 -0.16	25.74 1.37 0.00	24.66 1.31 0.00	23.41 1.26 0.00	23.19 1.27 0.00	22.93 1.24 0.00	23.33 1.26 0.00	24.91 1.43 -0.08	29.75 1.56 -0.91	29.91 1.52 -0.77	31.49 1.51 -2.61	28.12 1.29 -1.45	24.08 1.28 0.00	22.49 1.03 0.00	20.43 0.67 0.00
SWANROAD_115KV_TB1 355699	18.88 -0.08 0.00	17.10 -0.09 0.00	14.56 -0.03 0.00	14.54 -0.01 0.00	14.81 0.12 0.00	18.37 -0.20 0.00	24.79 -1.08 -0.09	25.49 -1.50 -0.14	24.74 -1.04 -0.37	24.54 -0.92 -0.03	23.69 -0.68 0.00	22.86 -0.49 0.00	21.75 -0.40 0.00	21.48 -0.44 0.00	21.37 -0.33 0.00	21.83 -0.24 0.00	22.67 -0.75 -0.01	26.35 -1.09 -0.15	26.75 -0.99 -0.13	26.53 -1.26 -0.41	24.80 -0.81 -0.23	22.26 -0.55 0.00	20.80 -0.67 0.00	19.68 -0.08 0.00
SYNERGY__BIOGAS 323694	19.54 0.59 0.00	17.70 0.52 0.00	15.01 0.42 0.00	14.99 0.44 0.00	15.15 0.46 0.00	18.98 0.41 0.00	25.82 -0.05 -0.09	26.69 -0.29 -0.13	25.80 0.05 -0.34	25.56 0.10 -0.02	24.67 0.29 0.00	23.72 0.37 0.00	22.55 0.40 0.00	22.29 0.37 0.00	22.19 0.50 0.00	22.65 0.57 0.00	23.54 0.12 -0.01	27.72 0.30 -0.13	28.15 0.41 -0.11	27.95 0.19 -0.38	26.02 0.43 -0.21	23.10 0.30 0.00	21.83 0.36 0.00	20.31 0.55 0.00
SYRACUSE__ENERGY_ST1 323597	19.18 0.23 0.00	17.37 0.19 0.00	14.73 0.15 0.00	14.70 0.15 0.00	14.86 0.16 0.00	18.76 0.19 0.00	26.13 0.28 -0.06	27.03 0.08 -0.10	25.69 0.03 -0.25	25.45 0.00 -0.02	24.45 0.07 0.00	23.44 0.09 0.00	22.26 0.11 0.00	22.03 0.11 0.00	21.80 0.11 0.00	22.16 0.09 0.00	23.44 0.02 -0.01	27.47 0.08 -0.10	27.76 0.06 -0.09	27.72 0.05 -0.28	25.59 0.05 -0.16	22.83 0.02 0.00	21.49 0.02 0.00	19.96 0.20 0.00
SYRACUSE__ENERGY_ST2 323598	19.18 0.23 0.00	17.37 0.19 0.00	14.73 0.15 0.00	14.70 0.15 0.00	14.86 0.16 0.00	18.76 0.19 0.00	26.13 0.28 -0.06	27.03 0.08 -0.10	25.69 0.03 -0.25	25.45 0.00 -0.02	24.45 0.07 0.00	23.44 0.09 0.00	22.26 0.11 0.00	22.03 0.11 0.00	21.80 0.11 0.00	22.16 0.09 0.00	23.44 0.02 -0.01	27.47 0.08 -0.10	27.76 0.06 -0.09	27.72 0.05 -0.28	25.59 0.05 -0.16	22.83 0.02 0.00	21.49 0.02 0.00	19.96 0.20 0.00
SYRACUSE__POWER 24017	19.07 0.11 0.00	17.27 0.09 0.00	14.65 0.06 0.00	14.61 0.06 0.00	14.77 0.07 0.00	18.65 0.07 0.00	25.95 0.10 -0.07	26.87 -0.08 -0.10	25.55 -0.13 -0.26	25.30 -0.15 -0.02	24.28 -0.10 0.00	23.30 -0.05 0.00	22.13 -0.02 0.00	21.90 -0.02 0.00	21.69 0.00 0.00	22.05 -0.02 0.00	23.32 -0.09 -0.01	27.32 -0.08 -0.11	27.60 -0.11 -0.09	27.56 -0.11 -0.29	25.44 -0.10 -0.16	22.72 -0.09 0.00	21.38 -0.09 0.00	19.84 0.08 0.00
TALLMAN__138KV_BK151 55660	19.96 1.00 0.00	18.08 0.89 0.00	15.32 0.73 0.00	15.28 0.73 0.00	15.40 0.71 0.00	19.48 0.91 0.00	27.67 1.29 -0.60	29.44 1.69 -0.90	29.42 1.68 -2.33	27.43 1.83 -0.17	26.03 1.66 0.00	24.96 1.61 0.00	23.72 1.57 0.00	23.47 1.56 0.00	23.21 1.52 0.00	23.62 1.55 0.00	25.22 1.73 -0.08	30.12 1.88 -0.95	30.25 1.82 -0.81	31.91 1.81 -2.72	28.47 1.57 -1.51	24.34 1.53 0.00	22.73 1.27 0.00	20.57 0.81 0.00
TEALLAVE_115KV_TB7 355573	19.01 0.06 0.00	17.22 0.03 0.00	14.60 0.01 0.00	14.57 0.01 0.00	14.73 0.03 0.00	18.59 0.02 0.00	25.84 0.00 -0.06	26.72 -0.21 -0.09	25.38 -0.25 -0.22	25.14 -0.31 -0.02	24.16 -0.22 0.00	23.19 -0.16 0.00	22.02 -0.13 0.00	21.79 -0.13 0.00	21.59 -0.11 0.00	21.94 -0.13 0.00	23.18 -0.23 -0.01	27.14 -0.25 -0.09	27.45 -0.25 -0.08	27.39 -0.25 -0.25	25.29 -0.23 -0.14	22.58 -0.23 0.00	21.27 -0.19 0.00	19.76 0.00 0.00
TELGRAPH_34_KV_EAST 80808	19.28 0.32 0.00	17.46 0.27 0.00	14.86 0.28 0.00	14.84 0.29 0.00	15.05 0.35 0.00	18.74 0.17 0.00	25.43 -0.44 -0.09	26.21 -0.78 -0.13	25.38 -0.38 -0.35	25.20 -0.25 -0.02	24.30 -0.07 0.00	23.42 0.07 0.00	22.26 0.11 0.00	22.01 0.09 0.00	21.91 0.22 0.00	22.36 0.29 0.00	23.26 -0.16 -0.01	27.13 -0.30 -0.14	27.55 -0.19 -0.12	27.33 -0.44 -0.39	25.50 -0.10 -0.22	22.83 0.02 0.00	21.31 -0.15 0.00	20.08 0.32 0.00
TEMPLE__115KV_TB 2 55572	19.01 0.06 0.00	17.22 0.03 0.00	14.62 0.03 0.00	14.57 0.01 0.00	14.73 0.03 0.00	18.59 0.02 0.00	25.87 0.03 -0.06	26.72 -0.21 -0.09	25.38 -0.25 -0.22	25.17 -0.28 -0.02	24.16 -0.22 0.00	23.21 -0.14 0.00	22.04 -0.11 0.00	21.81 -0.11 0.00	21.61 -0.09 0.00	21.96 -0.11 0.00	23.21 -0.21 -0.01	27.16 -0.22 -0.09	27.45 -0.25 -0.08	27.39 -0.25 -0.25	25.30 -0.23 -0.14	22.60 -0.21 0.00	21.27 -0.19 0.00	19.76 0.00 0.00
TIANA__69_KV_BK 1 55817	30.16 2.16 -9.05	28.50 1.94 -9.37	29.60 1.60 -13.40	18.52 1.60 -2.37	18.81 1.59 -2.52	22.46 1.91 -1.98	33.77 2.78 -5.20	31.16 3.33 -0.97	31.40 3.35 -2.63	29.34 3.66 -0.25	40.42 3.53 -12.51	32.45 3.41 -5.69	25.96 3.26 -0.56	25.47 3.24 -0.31	34.51 3.17 -9.65	37.08 3.18 -11.82	43.11 3.53 -16.17	46.07 3.85 -14.93	55.13 3.76 -23.76	53.48 3.67 -22.43	52.27 3.45 -23.43	49.00 3.22 -22.97	27.91 2.88 -3.57	29.80 2.00 -8.04

TILDEN___115KV_TB1 80814	19.07 0.11 0.00	17.27 0.09 0.00	14.65 0.06 0.00	14.61 0.06 0.00	14.77 0.07 0.00	18.65 0.07 0.00	25.95 0.10 -0.07	26.87 -0.08 -0.10	25.55 -0.13 -0.26	25.30 -0.15 -0.02	24.28 -0.10 0.00	23.30 -0.05 0.00	22.13 -0.02 0.00	21.90 -0.02 0.00	21.69 0.00 0.00	22.05 -0.02 0.00	23.32 -0.09 -0.01	27.32 -0.08 -0.11	27.60 -0.11 -0.09	27.56 -0.11 -0.29	25.44 -0.10 -0.16	22.72 -0.09 0.00	21.38 -0.09 0.00	19.84 0.08 0.00
TRIGEN___CC 323695	20.52 1.52 -0.05	18.59 1.36 -0.05	15.79 1.12 -0.08	15.68 1.12 -0.01	15.81 1.10 -0.01	19.88 1.30 0.00	28.37 1.93 -0.66	29.97 2.15 -0.97	30.14 2.21 -2.52	28.05 2.44 -0.18	26.80 2.34 -0.09	25.66 2.26 -0.04	24.34 2.19 0.00	24.09 2.17 0.00	23.87 2.10 -0.07	24.35 2.14 -0.14	25.99 2.39 -0.20	31.01 2.62 -1.10	31.18 2.54 -1.02	32.85 2.52 -2.95	29.45 2.28 -1.78	25.11 2.14 -0.15	23.41 1.91 -0.03	21.13 1.32 -0.04
TRINITY__115KV__4 BK 55933	19.41 0.45 0.00	17.58 0.40 0.00	14.95 0.36 0.00	14.92 0.36 0.00	15.05 0.35 0.00	19.02 0.45 0.00	27.18 0.59 -0.81	28.87 0.81 -1.22	29.33 0.76 -3.15	26.42 0.76 -0.22	25.03 0.66 0.00	23.98 0.63 0.00	22.72 0.58 0.00	22.51 0.59 0.00	22.26 0.56 0.00	22.65 0.57 0.00	24.20 0.68 -0.11	29.39 0.82 -1.28	29.57 0.86 -1.09	31.97 0.85 -3.74	28.24 0.79 -2.07	23.51 0.71 0.00	21.98 0.52 0.00	20.00 0.24 0.00
UNION___PROCESSING_DRP 323587	19.12 0.17 0.00	17.30 0.12 0.00	14.70 0.12 0.00	14.67 0.12 0.00	14.83 0.13 0.00	18.63 0.06 0.00	25.91 0.05 -0.07	26.86 -0.11 -0.11	25.78 0.08 -0.29	25.27 -0.18 -0.02	24.33 -0.05 0.00	23.37 0.02 0.00	22.19 0.04 0.00	21.96 0.04 0.00	21.82 0.13 0.00	22.23 0.15 0.00	23.30 -0.12 -0.01	27.60 0.19 -0.12	27.97 0.25 -0.10	27.82 0.11 -0.33	25.82 0.25 -0.18	22.76 -0.05 0.00	21.34 -0.13 0.00	19.88 0.12 0.00
UPPER HUDSON___HYD 24058	20.34 1.38 0.00	18.39 1.20 0.00	15.58 0.99 0.00	15.54 0.99 0.00	15.70 1.00 0.00	19.93 1.35 0.00	28.60 1.99 -0.83	30.36 2.26 -1.25	30.78 2.14 -3.24	27.67 2.01 -0.23	26.28 1.90 0.00	25.15 1.80 0.00	23.74 1.60 0.00	23.52 1.60 0.00	23.23 1.54 0.00	23.49 1.41 0.00	25.05 1.52 -0.12	30.56 1.91 -1.36	30.68 1.90 -1.16	33.12 1.86 -3.88	29.57 2.03 -2.15	24.56 1.76 0.00	23.10 1.63 0.00	20.93 1.17 0.00
UPPER RAQUET___HYD 24056	18.73 -0.23 0.00	17.05 -0.14 0.00	14.51 -0.07 0.00	14.50 -0.06 0.00	14.64 -0.06 0.00	18.50 -0.07 0.00	25.71 -0.08 0.00	26.85 0.00 0.00	25.44 0.03 0.00	25.43 0.00 0.00	24.42 0.05 0.00	23.30 -0.05 0.00	22.06 -0.09 0.00	21.79 -0.13 0.00	21.46 -0.24 0.00	21.85 -0.22 0.00	23.03 -0.38 0.00	26.83 -0.46 0.00	27.26 -0.36 0.00	27.11 -0.27 0.00	25.10 -0.28 0.00	22.78 -0.02 0.00	21.53 0.06 0.00	19.86 0.10 0.00
VALLEY44_115KV_TB2 355964	19.77 0.82 0.00	17.89 0.70 0.00	15.21 0.63 0.00	15.19 0.64 0.00	15.36 0.66 0.00	19.22 0.65 0.00	24.73 -1.16 -0.11	25.70 -1.32 -0.17	24.90 -0.94 -0.43	26.07 0.61 -0.03	25.16 0.78 0.00	24.28 0.93 0.00	23.08 0.93 0.00	22.84 0.92 0.00	22.71 1.02 0.00	23.20 1.13 0.00	24.15 0.73 -0.02	26.70 -0.76 -0.18	27.03 -0.75 -0.15	26.99 -0.88 -0.49	24.99 -0.66 -0.27	23.67 0.87 0.00	22.04 0.58 0.00	20.55 0.79 0.00
VALLEY___115KV_TB 1-4 80826	18.75 -0.21 0.00	17.01 -0.17 0.00	14.46 -0.13 0.00	14.42 -0.13 0.00	14.56 -0.13 0.00	18.42 -0.15 0.00	25.60 -0.18 0.00	26.56 -0.30 0.00	25.19 -0.23 0.00	25.23 -0.20 0.00	24.18 -0.20 0.00	23.19 -0.16 0.00	22.04 -0.11 0.00	21.81 -0.11 0.00	21.59 -0.11 0.00	21.96 -0.11 0.00	23.27 -0.14 0.00	27.15 -0.14 0.00	27.45 -0.17 0.00	27.24 -0.14 0.00	25.23 -0.15 0.00	22.65 -0.16 0.00	21.27 -0.19 0.00	19.70 -0.06 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	19.92 0.97 0.00	18.08 0.89 0.00	15.35 0.76 0.00	15.28 0.73 0.00	15.46 0.76 0.00	19.56 0.98 0.00	27.35 1.26 -0.30	28.87 1.56 -0.46	28.10 1.50 -1.19	27.12 1.60 -0.08	25.86 1.49 0.00	24.73 1.38 0.00	23.43 1.28 0.00	23.15 1.23 0.00	22.91 1.21 0.00	23.33 1.26 0.00	24.85 1.40 -0.04	29.35 1.58 -0.48	29.69 1.66 -0.41	30.21 1.78 -1.05	27.56 1.60 -0.58	24.31 1.51 0.00	22.71 1.24 0.00	20.81 1.05 0.00
VISCHER___FERRY HYD 24020	19.81 0.85 0.00	17.92 0.74 0.00	15.21 0.63 0.00	15.16 0.61 0.00	15.31 0.62 0.00	19.39 0.82 0.00	27.73 1.13 -0.82	29.45 1.37 -1.23	29.87 1.27 -3.19	26.90 1.25 -0.23	25.52 1.15 0.00	24.42 1.07 0.00	23.15 1.00 0.00	22.93 1.01 0.00	22.67 0.98 0.00	23.04 0.97 0.00	24.62 1.10 -0.11	29.98 1.36 -1.33	30.16 1.41 -1.13	32.54 1.37 -3.79	28.81 1.32 -2.10	23.97 1.16 0.00	22.45 0.99 0.00	20.39 0.63 0.00
V_A_10_SYNC_DSASP 323832	18.90 -0.06 0.00	17.12 -0.07 0.00	14.56 -0.03 0.00	14.54 -0.01 0.00	14.68 -0.01 0.00	18.40 -0.17 0.00	25.56 -0.31 -0.08	26.36 -0.62 -0.12	25.43 -0.30 -0.32	24.79 -0.66 -0.02	23.89 -0.49 0.00	23.00 -0.35 0.00	21.88 -0.26 0.00	21.61 -0.31 0.00	21.48 -0.22 0.00	21.90 -0.18 0.00	23.19 -0.23 -0.01	27.19 -0.22 -0.12	27.56 -0.16 -0.11	27.38 -0.36 -0.35	25.50 -0.08 -0.20	22.35 -0.46 0.00	21.12 -0.34 0.00	19.64 -0.12 0.00
V_CMM_10_SYNC_DSASP 323787	18.54 -0.42 0.00	16.86 -0.33 0.00	14.33 -0.26 0.00	14.31 -0.25 0.00	14.45 -0.25 0.00	18.24 -0.33 0.00	25.40 -0.39 0.00	26.56 -0.29 0.00	25.13 -0.28 0.00	25.13 -0.30 0.00	24.13 -0.24 0.00	23.07 -0.28 0.00	21.84 -0.31 0.00	21.59 -0.33 0.00	21.37 -0.32 0.00	21.74 -0.33 0.00	23.06 -0.35 0.00	26.85 -0.44 0.00	27.21 -0.41 0.00	27.00 -0.38 0.00	25.03 -0.36 0.00	22.54 -0.27 0.00	21.25 -0.21 0.00	19.60 -0.16 0.00
V_CMP_10_SYNC_DSASP 323788	18.88 -0.08 0.00	17.25 0.07 0.00	14.73 0.15 0.00	14.77 0.22 0.00	14.93 0.23 0.00	18.87 0.30 0.00	26.27 0.49 0.00	27.95 1.10 0.00	26.61 1.19 0.00	26.63 1.20 0.00	25.64 1.27 0.00	24.45 1.10 0.00	23.10 0.95 0.00	22.82 0.90 0.00	22.60 0.91 0.00	23.02 0.95 0.00	24.35 0.94 0.00	28.33 1.04 0.00	28.28 0.66 0.00	27.98 0.60 0.00	25.99 0.61 0.00	23.47 0.66 0.00	22.09 0.62 0.00	20.30 0.53 0.00
V_E_10_SYNC_DSASP 323830	20.28 1.33 0.00	18.39 1.20 0.00	15.61 1.02 0.00	15.54 0.99 0.00	15.77 1.07 0.00	19.96 1.39 0.00	27.84 1.86 -0.20	29.20 2.04 -0.31	28.06 1.85 -0.79	27.39 1.91 -0.06	26.18 1.80 0.00	24.98 1.63 0.00	23.70 1.55 0.00	23.34 1.42 0.00	23.15 1.45 0.00	23.64 1.57 0.00	24.98 1.54 -0.02	29.62 2.05 -0.28	30.12 2.27 -0.24	30.69 2.52 -0.80	28.01 2.18 -0.44	24.79 1.98 0.00	23.23 1.76 0.00	21.46 1.70 0.00
V_F_30_NSYNC___DSASP 323816	20.13 1.18 0.00	18.20 1.01 0.00	15.43 0.85 0.00	15.40 0.84 0.00	15.53 0.84 0.00	19.70 1.13 0.00	28.21 1.60 -0.83	29.95 1.85 -1.25	30.40 1.75 -3.23	27.34 1.68 -0.23	25.94 1.56 0.00	24.85 1.50 0.00	23.48 1.33 0.00	23.26 1.34 0.00	23.00 1.30 0.00	23.38 1.30 0.00	24.93 1.40 -0.12	30.39 1.75 -1.36	30.57 1.79 -1.15	33.03 1.78 -3.87	29.31 1.78 -2.15	24.36 1.55 0.00	22.84 1.37 0.00	20.71 0.95 0.00

V_F_30_SYNC_DSASP 323786	19.47 0.51 0.00	17.63 0.45 0.00	15.00 0.41 0.00	14.96 0.41 0.00	15.09 0.40 0.00	19.07 0.50 0.00	27.27 0.67 -0.81	28.96 0.89 -1.22	29.42 0.84 -3.17	26.49 0.84 -0.22	25.13 0.76 0.00	24.05 0.70 0.00	22.77 0.62 0.00	22.55 0.64 0.00	22.30 0.61 0.00	22.71 0.64 0.00	24.27 0.75 -0.11	29.48 0.90 -1.29	29.65 0.94 -1.10	32.08 0.93 -3.77	28.37 0.89 -2.09	23.58 0.78 0.00	22.04 0.58 0.00	20.06 0.30 0.00
V_XM_10_SYNC_DSASP 323789	18.88 -0.08 0.00	17.25 0.07 0.00	14.73 0.15 0.00	14.77 0.22 0.00	14.93 0.23 0.00	18.87 0.30 0.00	26.27 0.49 0.00	27.95 1.10 0.00	26.61 1.19 0.00	26.63 1.20 0.00	25.64 1.27 0.00	24.45 1.10 0.00	23.10 0.95 0.00	22.82 0.90 0.00	22.60 0.91 0.00	23.02 0.95 0.00	24.35 0.94 0.00	28.33 1.04 0.00	28.28 0.66 0.00	27.98 0.60 0.00	25.99 0.61 0.00	23.47 0.66 0.00	22.09 0.62 0.00	20.30 0.53 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	20.02 1.06 0.00	18.13 0.95 0.00	15.36 0.77 0.00	15.33 0.77 0.00	15.45 0.75 0.00	19.54 0.97 0.00	27.75 1.37 -0.60	29.53 1.77 -0.91	29.52 1.75 -2.36	27.50 1.91 -0.17	26.11 1.73 0.00	25.03 1.68 0.00	23.77 1.62 0.00	23.54 1.62 0.00	23.26 1.56 0.00	23.69 1.61 0.00	25.29 1.80 -0.08	30.21 1.96 -0.96	30.34 1.91 -0.81	32.02 1.89 -2.75	28.56 1.65 -1.53	24.40 1.60 0.00	22.80 1.33 0.00	20.61 0.85 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	20.17 1.21 0.00	18.27 1.08 0.00	15.46 0.88 0.00	15.43 0.87 0.00	15.55 0.85 0.00	19.67 1.10 0.00	28.00 1.57 -0.64	29.87 2.04 -0.97	30.02 2.08 -2.52	27.87 2.26 -0.18	26.45 2.07 0.00	25.40 2.05 0.00	24.12 1.97 0.00	23.89 1.97 0.00	23.58 1.89 0.00	24.02 1.94 0.00	25.67 2.18 -0.09	30.61 2.29 -1.02	30.64 2.15 -0.87	32.43 2.11 -2.95	28.87 1.85 -1.64	24.63 1.82 0.00	23.05 1.59 0.00	20.77 1.01 0.00
W50THST__13_KV_LOAD 356117	20.24 1.29 0.00	18.34 1.15 0.00	15.52 0.93 0.00	15.47 0.92 0.00	15.59 0.90 0.00	19.74 1.17 0.00	28.10 1.68 -0.64	30.00 2.18 -0.97	30.17 2.24 -2.52	28.05 2.44 -0.18	26.62 2.24 0.00	25.54 2.19 0.00	24.25 2.10 0.00	24.02 2.10 0.00	23.71 2.02 0.00	24.15 2.08 0.00	25.81 2.32 -0.09	30.77 2.46 -1.02	30.78 2.29 -0.87	32.54 2.22 -2.95	28.97 1.95 -1.64	24.75 1.94 0.00	23.14 1.67 0.00	20.85 1.09 0.00
WADING RIVER_IC_1 23522	29.96 1.99 -9.02	28.31 1.79 -9.34	29.44 1.49 -13.36	18.40 1.49 -2.36	18.69 1.47 -2.52	22.32 1.78 -1.97	33.56 2.58 -5.20	30.89 3.06 -0.97	31.14 3.10 -2.63	29.04 3.36 -0.25	40.07 3.22 -12.48	32.13 3.11 -5.68	25.66 2.95 -0.57	25.20 2.96 -0.32	34.20 2.89 -9.62	36.80 2.94 -11.79	42.76 3.23 -16.12	45.73 3.55 -14.90	54.80 3.48 -23.70	53.15 3.39 -22.38	51.95 3.20 -23.37	48.70 2.99 -22.91	27.75 2.73 -3.56	29.60 1.82 -8.02
WADING RIVER_IC_2 23547	29.96 1.99 -9.02	28.31 1.79 -9.34	29.44 1.49 -13.36	18.40 1.49 -2.36	18.69 1.47 -2.52	22.32 1.78 -1.97	33.56 2.58 -5.20	30.89 3.06 -0.97	31.14 3.10 -2.63	29.04 3.36 -0.25	40.07 3.22 -12.48	32.13 3.11 -5.68	25.66 2.95 -0.57	25.20 2.96 -0.32	34.20 2.89 -9.62	36.80 2.94 -11.79	42.76 3.23 -16.12	45.73 3.55 -14.90	54.80 3.48 -23.70	53.15 3.39 -22.38	51.95 3.20 -23.37	48.70 2.99 -22.91	27.75 2.73 -3.56	29.60 1.82 -8.02
WADING RIVER_IC_3 23601	29.96 1.99 -9.02	28.31 1.79 -9.34	29.44 1.49 -13.36	18.40 1.49 -2.36	18.69 1.47 -2.52	22.32 1.78 -1.97	33.56 2.58 -5.20	30.89 3.06 -0.97	31.14 3.10 -2.63	29.04 3.36 -0.25	40.07 3.22 -12.48	32.13 3.11 -5.68	25.66 2.95 -0.57	25.20 2.96 -0.32	34.20 2.89 -9.62	36.80 2.94 -11.79	42.76 3.23 -16.12	45.73 3.55 -14.90	54.80 3.48 -23.70	53.15 3.39 -22.38	51.95 3.20 -23.37	48.70 2.99 -22.91	27.75 2.73 -3.56	29.60 1.82 -8.02
WALDENNY_12_KV_BK2 80841	19.52 0.57 0.00	17.67 0.48 0.00	15.04 0.45 0.00	15.02 0.47 0.00	15.20 0.50 0.00	18.98 0.41 0.00	25.34 -0.54 -0.10	26.12 -0.89 -0.15	25.35 -0.46 -0.39	25.53 0.08 -0.03	24.67 0.29 0.00	23.79 0.44 0.00	22.61 0.47 0.00	22.36 0.44 0.00	22.24 0.54 0.00	22.74 0.66 0.00	23.63 0.21 -0.01	27.10 -0.35 -0.16	27.51 -0.25 -0.14	27.33 -0.49 -0.44	25.45 -0.18 -0.24	23.17 0.36 0.00	21.59 0.13 0.00	20.30 0.53 0.00
WALDEN__HYDRO 24148	19.92 0.97 0.00	18.04 0.86 0.00	15.29 0.70 0.00	15.25 0.70 0.00	15.39 0.69 0.00	19.46 0.89 0.00	27.65 1.26 -0.61	29.35 1.58 -0.91	29.33 1.55 -2.37	27.23 1.63 -0.17	25.84 1.46 0.00	24.75 1.40 0.00	23.50 1.35 0.00	23.28 1.36 0.00	23.00 1.30 0.00	23.42 1.35 0.00	25.01 1.52 -0.08	29.98 1.72 -0.97	30.16 1.71 -0.82	31.87 1.73 -2.76	28.39 1.47 -1.53	24.25 1.44 0.00	22.67 1.20 0.00	20.53 0.77 0.00
WARRENSBURG____ 23737	20.34 1.38 0.00	18.39 1.20 0.00	15.58 0.99 0.00	15.54 0.99 0.00	15.70 1.00 0.00	19.93 1.35 0.00	28.60 1.99 -0.83	30.36 2.26 -1.25	30.78 2.14 -3.24	27.67 2.01 -0.23	26.28 1.90 0.00	25.15 1.80 0.00	23.74 1.60 0.00	23.52 1.60 0.00	23.23 1.54 0.00	23.49 1.41 0.00	25.05 1.52 -0.12	30.56 1.91 -1.36	30.68 1.90 -1.16	33.12 1.86 -3.88	29.57 2.03 -2.15	24.56 1.76 0.00	23.10 1.63 0.00	20.93 1.17 0.00
WATERSIDE____6 8 9 23538	20.24 1.29 0.00	18.34 1.15 0.00	15.52 0.93 0.00	15.47 0.92 0.00	15.59 0.90 0.00	19.75 1.17 -0.01	28.08 1.65 -0.64	29.95 2.12 -0.98	30.08 2.13 -2.53	30.57 2.31 -2.82	28.57 2.12 -2.08	29.80 2.08 -4.37	30.00 2.02 -5.83	30.01 1.99 -6.09	27.91 1.93 -4.29	27.85 1.99 -3.79	29.81 2.20 -4.20	36.02 2.35 -6.39	30.74 2.24 -0.88	32.52 2.19 -2.95	28.98 1.95 -1.64	24.73 1.92 -0.01	23.13 1.65 -0.01	20.85 1.09 0.00
WATKINRD_115KV_LN8_ILLION 55919	18.92 -0.04 0.00	17.15 -0.03 0.00	14.56 -0.03 0.00	14.52 -0.03 0.00	14.67 -0.03 0.00	18.55 -0.02 0.00	25.76 -0.03 0.00	26.75 -0.11 0.00	25.34 -0.08 0.00	25.38 -0.05 0.00	24.33 -0.05 0.00	23.30 -0.05 0.00	22.13 -0.02 0.00	21.90 -0.02 0.00	21.65 -0.04 0.00	22.03 -0.04 0.00	23.39 -0.02 0.00	27.26 -0.03 0.00	27.59 -0.03 0.00	27.38 0.00 0.00	25.36 -0.03 0.00	22.76 -0.05 0.00	21.40 -0.06 0.00	19.76 0.00 0.00
WATSON__69_KV_BK 1 55734	25.65 2.03 -4.67	23.82 1.80 -4.83	22.99 1.49 -6.92	17.25 1.48 -1.22	17.48 1.48 -1.30	21.37 1.78 -1.02	31.40 2.63 -2.99	30.81 2.98 -0.97	30.99 3.00 -2.58	28.95 3.31 -0.21	34.01 3.17 -6.47	29.35 3.06 -2.94	25.38 2.95 -0.29	25.01 2.94 -0.16	29.54 2.86 -4.99	31.15 2.94 -6.14	35.01 3.21 -8.40	39.07 3.57 -8.20	43.79 3.48 -12.69	43.54 3.40 -12.77	41.48 3.20 -12.90	37.62 2.94 -11.87	25.95 2.64 -1.85	25.77 1.86 -4.15
WDELAWARE__HYD 323627	19.66 0.70 0.00	17.82 0.64 0.00	15.08 0.50 0.00	15.03 0.48 0.00	15.18 0.48 0.00	19.20 0.63 0.00	27.25 0.93 -0.54	28.91 1.24 -0.82	28.76 1.22 -2.13	26.88 1.30 -0.15	25.52 1.15 0.00	24.42 1.07 0.00	23.19 1.04 0.00	22.95 1.03 0.00	22.71 1.02 0.00	23.13 1.06 0.00	24.70 1.22 -0.07	29.52 1.36 -0.87	29.74 1.38 -0.74	31.29 1.42 -2.48	27.93 1.17 -1.38	23.97 1.16 0.00	22.41 0.94 0.00	20.30 0.53 0.00

WEST BABYLON___IC 23714	22.18 1.93 -1.29	20.24 1.72 -1.34	17.92 1.41 -1.92	16.30 1.41 -0.33	16.46 1.41 -0.35	20.54 1.69 -0.28	29.54 2.48 -1.28	30.64 2.82 -0.97	30.79 2.85 -2.53	28.75 3.13 -0.19	29.18 3.00 -1.81	27.09 2.92 -0.83	25.02 2.79 -0.08	24.77 2.81 -0.04	25.82 2.73 -1.40	26.61 2.78 -1.75	28.86 3.04 -2.41	33.69 3.38 -3.02	35.10 3.31 -4.16	36.00 3.26 -5.36	33.18 3.02 -4.78	28.90 2.78 -3.31	24.47 2.49 -0.52	22.67 1.76 -1.15
WEST CANADA___HYD 24049	18.99 0.04 0.00	17.22 0.03 0.00	14.62 0.03 0.00	14.58 0.03 0.00	14.73 0.03 0.00	18.61 0.04 0.00	25.84 0.05 0.00	26.88 0.03 0.00	25.44 0.03 0.00	25.46 0.03 0.00	24.40 0.02 0.00	23.37 0.02 0.00	22.17 0.02 0.00	21.94 0.02 0.00	21.72 0.02 0.00	22.10 0.02 0.00	23.46 0.05 0.00	27.34 0.05 0.00	27.68 0.06 0.00	27.44 0.05 0.00	25.43 0.05 0.00	22.85 0.05 0.00	21.49 0.02 0.00	19.78 0.02 0.00
WESTERN_NY_WIND 24143	19.52 0.57 0.00	17.68 0.50 0.00	15.01 0.42 0.00	14.99 0.44 0.00	15.14 0.44 0.00	18.98 0.41 0.00	25.77 -0.10 -0.09	26.63 -0.35 -0.13	25.76 0.00 -0.34	25.53 0.08 -0.02	24.64 0.27 0.00	23.70 0.35 0.00	22.52 0.38 0.00	22.27 0.35 0.00	22.17 0.48 0.00	22.63 0.55 0.00	23.49 0.07 -0.01	27.67 0.25 -0.13	28.09 0.36 -0.11	27.90 0.14 -0.38	25.98 0.38 -0.21	23.08 0.27 0.00	21.81 0.34 0.00	20.30 0.53 0.00
WESTOVER___LESR 323668	19.41 0.45 0.00	17.58 0.40 0.00	14.92 0.34 0.00	14.89 0.33 0.00	15.04 0.34 0.00	18.96 0.39 0.00	26.24 0.26 -0.20	27.40 0.24 -0.30	26.45 0.25 -0.78	25.97 0.48 -0.06	24.89 0.51 0.00	23.89 0.54 0.00	22.68 0.53 0.00	22.44 0.53 0.00	22.24 0.54 0.00	22.65 0.57 0.00	23.95 0.51 -0.03	27.96 0.35 -0.32	28.22 0.33 -0.27	28.56 0.33 -0.85	26.19 0.33 -0.47	23.31 0.33 0.00	21.85 0.50 0.00	20.18 0.42 0.00
WETHRSFD_WT_PWR 323626	19.37 0.42 0.00	17.53 0.34 0.00	14.89 0.31 0.00	14.87 0.32 0.00	15.01 0.31 0.00	18.81 0.24 0.00	25.36 -0.54 -0.11	26.22 -0.80 -0.17	25.41 -0.46 -0.45	25.46 0.00 -0.03	24.57 0.19 0.00	23.70 0.35 0.00	22.55 0.40 0.00	22.27 0.35 0.00	22.15 0.46 0.00	22.60 0.53 0.00	23.17 -0.26 -0.02	27.22 -0.25 -0.18	27.60 -0.16 -0.15	27.50 -0.38 -0.50	25.53 -0.13 -0.28	23.01 0.20 0.00	21.72 0.26 0.00	20.16 0.40 0.00
WHAVSTOR_138KV_BK127 55557	19.96 1.00 0.00	18.08 0.89 0.00	15.32 0.73 0.00	15.28 0.73 0.00	15.40 0.71 0.00	19.48 0.91 0.00	27.68 1.29 -0.60	29.43 1.66 -0.91	29.45 1.68 -2.36	27.40 1.81 -0.17	26.03 1.66 0.00	24.96 1.61 0.00	23.70 1.55 0.00	23.47 1.56 0.00	23.19 1.50 0.00	23.62 1.55 0.00	25.22 1.73 -0.08	30.10 1.86 -0.96	30.23 1.80 -0.82	31.92 1.78 -2.76	28.46 1.55 -1.53	24.34 1.53 0.00	22.73 1.27 0.00	20.55 0.79 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	19.96 1.00 0.00	18.08 0.89 0.00	15.32 0.73 0.00	15.28 0.73 0.00	15.40 0.71 0.00	19.48 0.91 0.00	27.68 1.29 -0.60	29.43 1.66 -0.91	29.45 1.68 -2.36	27.40 1.81 -0.17	26.03 1.66 0.00	24.96 1.61 0.00	23.70 1.55 0.00	23.47 1.56 0.00	23.19 1.50 0.00	23.62 1.55 0.00	25.22 1.73 -0.08	30.10 1.86 -0.96	30.23 1.80 -0.82	31.92 1.78 -2.76	28.46 1.55 -1.53	24.34 1.53 0.00	22.73 1.27 0.00	20.55 0.79 0.00
WHITEHAL_115KV_TB1 80871	20.43 1.48 0.00	18.47 1.29 0.00	15.65 1.06 0.00	15.62 1.06 0.00	15.77 1.07 0.00	20.04 1.47 0.00	28.78 2.17 -0.83	30.65 2.55 -1.25	31.06 2.41 -3.23	27.90 2.24 -0.23	26.50 2.12 0.00	25.38 2.03 0.00	23.94 1.79 0.00	23.69 1.78 0.00	23.43 1.74 0.00	23.69 1.61 0.00	25.35 1.83 -0.11	30.81 2.21 -1.31	30.97 2.24 -1.12	33.45 2.19 -3.88	29.87 2.34 -2.15	24.81 2.01 0.00	23.27 1.80 0.00	21.01 1.25 0.00
WHITEPLN_13_KV_LOAD 356215	20.22 1.27 0.00	18.32 1.13 0.00	15.52 0.93 0.00	15.47 0.92 0.00	15.59 0.90 0.00	19.72 1.15 0.00	28.10 1.68 -0.64	29.83 2.01 -0.97	29.93 2.01 -2.51	27.79 2.19 -0.18	26.37 2.00 0.00	25.29 1.94 0.00	24.01 1.86 0.00	23.76 1.84 0.00	23.47 1.78 0.00	23.91 1.83 0.00	25.56 2.06 -0.09	30.55 2.24 -1.02	30.67 2.18 -0.87	32.45 2.14 -2.93	28.89 1.88 -1.63	24.61 1.80 0.00	22.99 1.52 0.00	20.83 1.07 0.00
WM_FLOYD_69_KV_BK2 356380	30.12 1.97 -9.20	28.48 1.77 -9.53	29.69 1.47 -13.63	18.43 1.47 -2.41	18.72 1.46 -2.57	22.33 1.75 -2.01	33.62 2.55 -5.28	30.78 2.95 -0.97	31.02 2.97 -2.63	28.94 3.26 -0.25	40.19 3.10 -12.72	32.15 3.01 -5.79	25.60 2.88 -0.57	25.11 2.87 -0.32	34.30 2.80 -9.81	36.94 2.85 -12.02	43.01 3.16 -16.44	45.92 3.47 -15.16	55.13 3.37 -24.14	53.41 3.29 -22.75	52.28 3.10 -23.80	49.04 2.87 -23.36	27.67 2.58 -3.63	29.74 1.80 -8.18
WOODARD___115KV_TB2 355635	18.99 0.04 0.00	17.20 0.02 0.00	14.59 0.00 0.00	14.55 0.00 0.00	14.71 0.01 0.00	18.57 0.00 0.00	25.84 0.00 -0.06	26.72 -0.21 -0.09	25.38 -0.25 -0.22	25.17 -0.28 -0.02	24.16 -0.22 0.00	23.19 -0.16 0.00	22.02 -0.13 0.00	21.79 -0.13 0.00	21.56 -0.13 0.00	21.94 -0.13 0.00	23.18 -0.23 -0.01	27.16 -0.22 -0.09	27.45 -0.25 -0.08	27.39 -0.25 -0.25	25.29 -0.23 -0.14	22.58 -0.23 0.00	21.25 -0.21 0.00	19.76 0.00 0.00
YORK___WARBASSE 23770	20.24 1.29 0.00	18.34 1.15 0.00	15.52 0.93 0.00	15.47 0.92 0.00	15.59 0.90 0.00	19.73 1.15 -0.01	28.08 1.65 -0.64	29.98 2.15 -0.98	30.13 2.19 -2.53	30.33 2.39 -2.51	28.37 2.17 -1.83	29.34 2.15 -3.85	29.34 2.06 -5.13	29.34 2.06 -5.36	27.44 1.97 -3.78	27.44 2.03 -3.34	29.41 2.29 -3.71	35.46 2.43 -5.74	30.85 2.35 -0.88	32.63 2.30 -2.95	29.03 2.01 -1.64	24.78 1.96 -0.01	23.15 1.67 -0.01	20.85 1.09 0.00